

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062925.D
 Acq On : 13 Aug 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 4:49:43 PM

Quant Time: Aug 14 06:49:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	155521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113661	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
35) Dibromofluoromethane	7.55	113	77168	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
50) Toluene-d8	10.06	98	326792	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.38	95	123599	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	93572	42.017	ug/l	100
3) Chloromethane	2.03	50	81991	39.015	ug/l	100
4) Vinyl Chloride	2.16	62	84023	42.628	ug/l	97
5) Bromomethane	2.50	94	76828	58.880	ug/l	98
6) Chloroethane	2.65	64	86994	67.087	ug/l	96
7) Trichlorofluoromethane	2.97	101	170633	48.547	ug/l	100
8) Diethyl Ether	3.37	74	42324	42.064	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63536	44.729	ug/l	98
10) Methyl Iodide	3.91	142	80741	47.395	ug/l	99
11) Tert butyl alcohol	4.74	59	86409	204.995	ug/l	100
12) 1,1-Dichloroethene	3.69	96	58282	43.861	ug/l	97
13) Acrolein	3.56	56	67912	266.097	ug/l	99
14) Allyl chloride	4.27	41	101685	37.345	ug/l	99
15) Acrylonitrile	4.93	53	208156	212.912	ug/l	99
16) Acetone	3.78	43	179650	193.318	ug/l	99
17) Carbon Disulfide	4.00	76	147023	38.892	ug/l	99
18) Methyl Acetate	4.28	43	97900	44.415	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	271049	44.984	ug/l	96
20) Methylene Chloride	4.50	84	76781	45.073	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	63406	40.741	ug/l	98
22) Diisopropyl ether	5.90	45	246011	42.442	ug/l	96
23) Vinyl Acetate	5.84	43	865877	196.396	ug/l	97
24) 1,1-Dichloroethane	5.80	63	139721	41.133	ug/l	100
25) 2-Butanone	6.79	43	272417	206.977	ug/l	98
26) 2,2-Dichloropropane	6.77	77	106928	34.150	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	79422	42.541	ug/l	95
28) Bromochloromethane	7.15	49	68779	41.954	ug/l	95
29) Tetrahydrofuran	7.17	42	178671	208.954	ug/l	96
30) Chloroform	7.33	83	155701	43.131	ug/l	99
31) Cyclohexane	7.61	56	121604	38.999	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	139496	43.221	ug/l	98
36) 1,1-Dichloropropene	7.75	75	100722	40.977	ug/l	98
37) Ethyl Acetate	6.88	43	101141	39.391	ug/l	99
38) Carbon Tetrachloride	7.73	117	123820	42.593	ug/l	97

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MMDadoda
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Quant Time: Aug 14 06:49:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	119693	40.463	ug/l	96
40) Benzene	8.00	78	300809	41.011	ug/l	100
41) Methacrylonitrile	7.12	41	47742m	41.206	ug/l	
42) 1,2-Dichloroethane	8.09	62	132650	42.491	ug/l	98
43) Isopropyl Acetate	8.13	43	170970	39.921	ug/l	98
44) Trichloroethene	8.80	130	74509	41.695	ug/l	96
45) 1,2-Dichloropropane	9.09	63	82597	41.607	ug/l	97
46) Dibromomethane	9.18	93	56113	43.141	ug/l	95
47) Bromodichloromethane	9.37	83	131198	44.911	ug/l	97
48) Methyl methacrylate	9.17	41	85000	40.351	ug/l	95
49) 1,4-Dioxane	9.17	88	34502	883.928	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	678464	244.846	ug/l	99
52) Toluene	10.13	92	215498	47.585	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	148533	46.224	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	139137	43.126	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	94581	48.900	ug/l	96
56) Ethyl methacrylate	10.40	69	147351	50.614	ug/l	98
57) 1,3-Dichloropropane	10.68	76	162848	49.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	161863	196.695	ug/l	97
59) 2-Hexanone	10.72	43	509213	246.354	ug/l	99
60) Dibromochloromethane	10.88	129	108340	49.085	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93395	48.935	ug/l	99
64) Tetrachloroethene	10.60	164	71592	41.887	ug/l	97
65) Chlorobenzene	11.41	112	236733	42.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	97938	44.043	ug/l	97
67) Ethyl Benzene	11.48	91	432047	43.601	ug/l	98
68) m/p-Xylenes	11.60	106	321721	89.441	ug/l	97
69) o-Xylene	11.92	106	156742	46.499	ug/l	95
70) Styrene	11.94	104	274806	46.379	ug/l	98
71) Bromoform	12.10	173	77568	42.634	ug/l #	99
73) Isopropylbenzene	12.22	105	430133	44.045	ug/l	100
74) N-amyl acetate	12.05	43	178822	45.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	145598	42.352	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	132837m	37.979	ug/l	
77) Bromobenzene	12.50	156	103698	42.736	ug/l	94
78) n-propylbenzene	12.57	91	498868	43.518	ug/l	99
79) 2-Chlorotoluene	12.65	91	305014	42.430	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	386471	45.616	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	46710	40.768	ug/l	98
82) 4-Chlorotoluene	12.75	91	326300	44.046	ug/l	100
83) tert-Butylbenzene	12.97	119	323995	45.194	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	381909	47.119	ug/l	100
85) sec-Butylbenzene	13.15	105	420684	44.686	ug/l	100
86) p-Isopropyltoluene	13.26	119	377728	45.202	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	187288	43.206	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	183496	42.205	ug/l	99
89) n-Butylbenzene	13.59	91	296142	41.902	ug/l	100
90) Hexachloroethane	13.85	117	72210	40.089	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	179221	44.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30598	41.458	ug/l	97

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VSTDCCC050EC

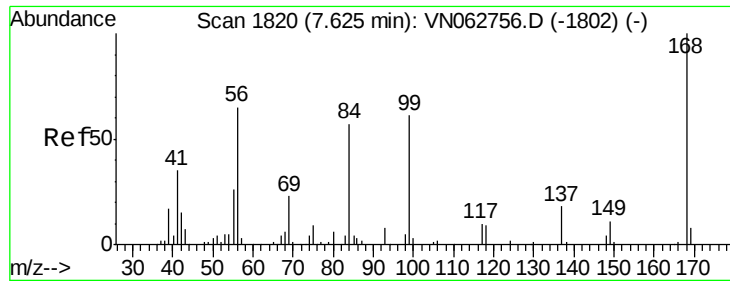
Manual Integrations
APPROVED

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8/14/2020 4:49:43 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	76687	36.123	ug/l	99
94) Hexachlorobutadiene	14.98	225	53913	41.897	ug/l	99
95) Naphthalene	15.10	128	205560	35.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	78494	37.229	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 155521

Ion Ratio Lower Upper

168 100

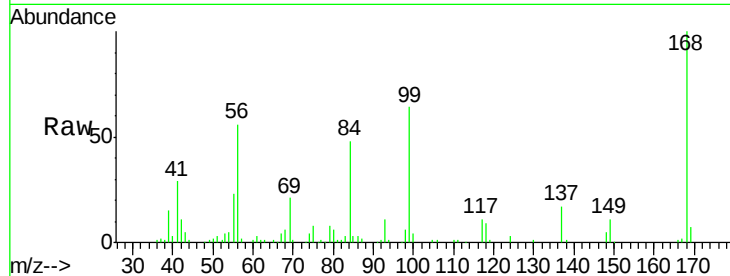
99 63.9 52.9 79.3

Manual Integrations

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8/14/2020 4:49:43 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

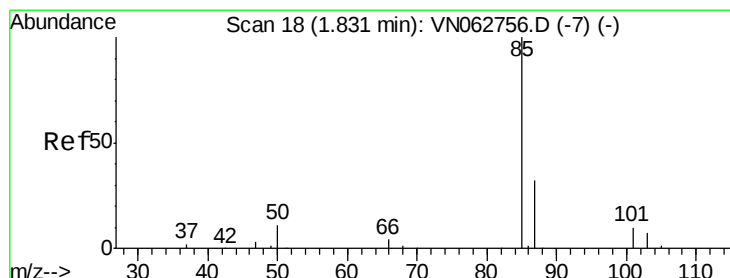
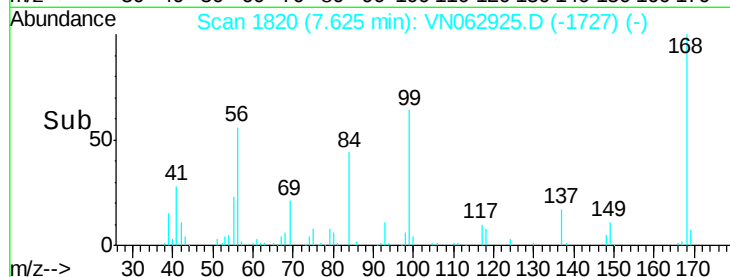
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 42.017 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062925.D

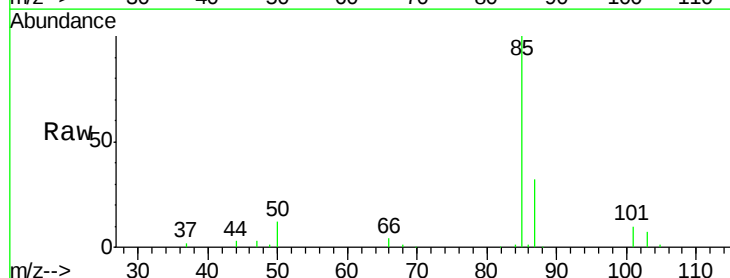
Acq: 13 Aug 2020 21:20

Tgt Ion: 85 Resp: 93572

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

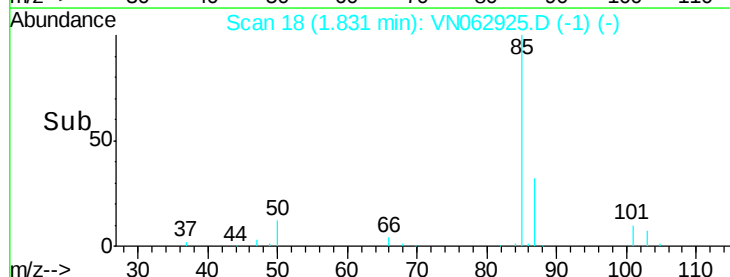
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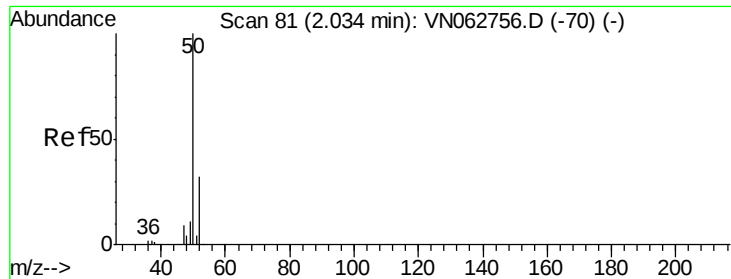
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 39.015 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 81991

Ion Ratio Lower Upper

50 100

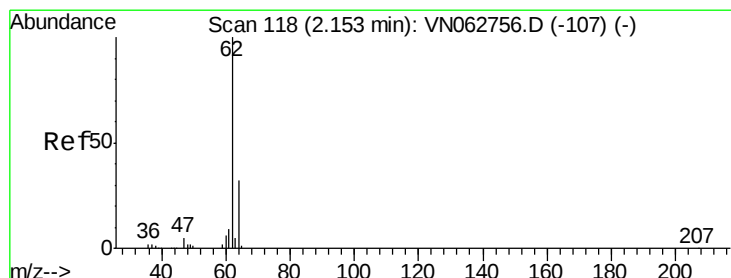
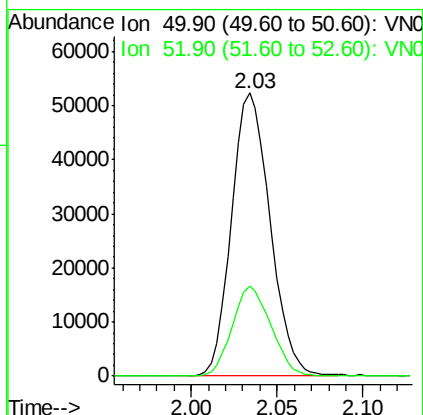
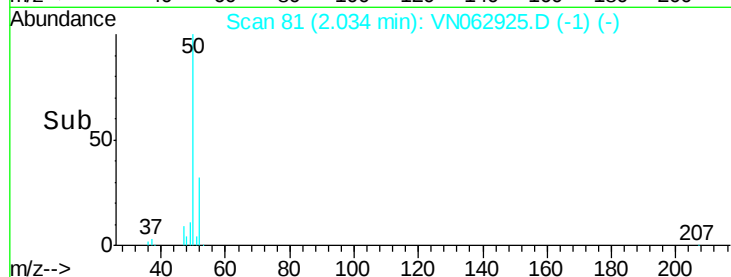
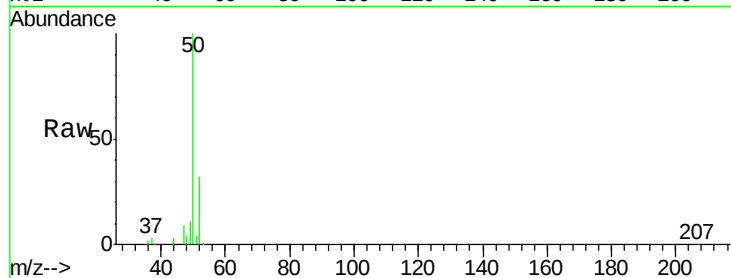
52 31.8 25.6 38.4

Manual Integrations

APPROVED

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8/14/2020 4:49:43 PM



#4

Vinyl Chloride

Concen: 42.628 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062925.D

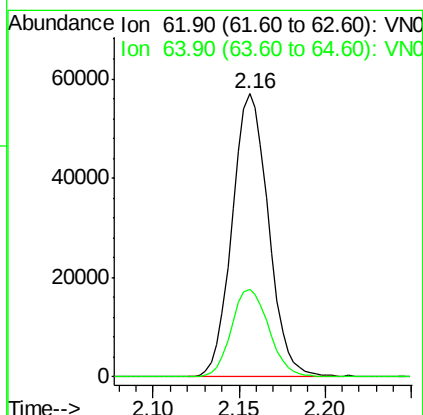
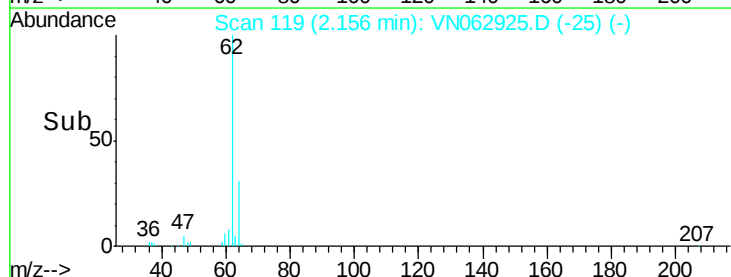
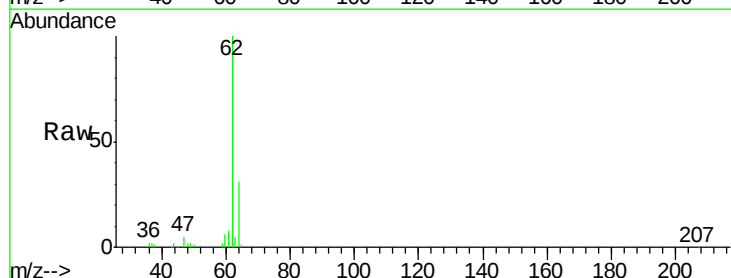
Acq: 13 Aug 2020 21:20

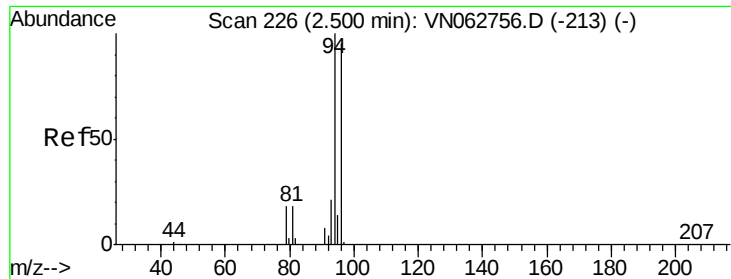
Tgt Ion: 62 Resp: 84023

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 58.880 ug/l

RT: 2.50 min Scan# 225

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76828

Ion Ratio Lower Upper

94 100

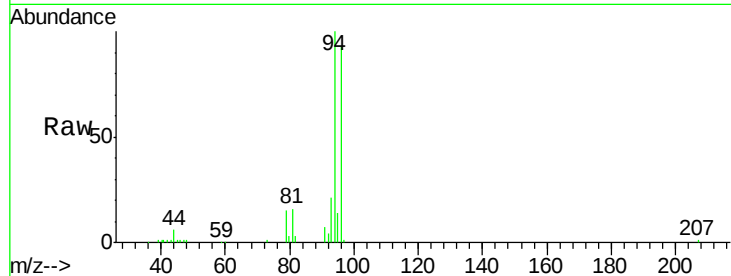
96 93.3 76.2 114.4

Manual Integrations

APPROVED

MMDadoda

8/14/2020 4:49:43 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.50

40000

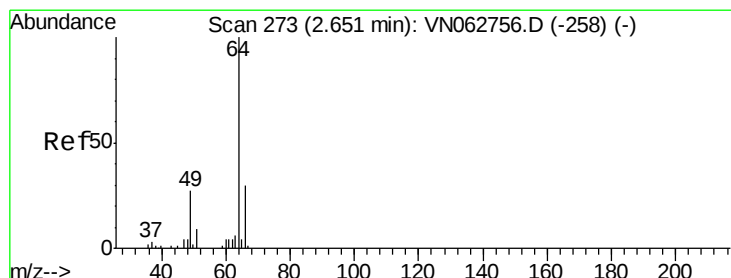
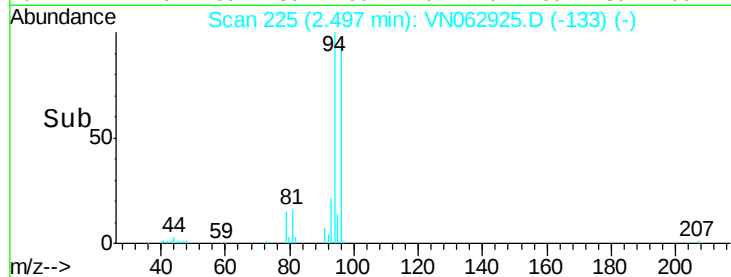
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 67.087 ug/l

RT: 2.65 min Scan# 272

Delta R.T. -0.00 min

Lab File: VN062925.D

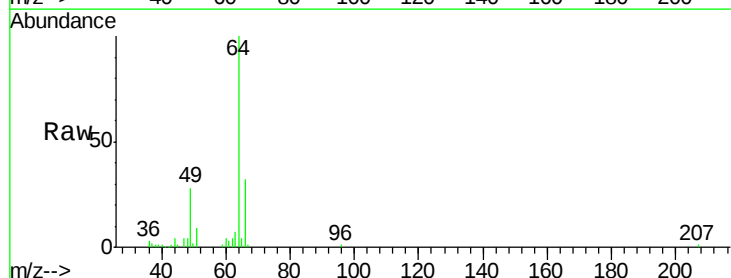
Acq: 13 Aug 2020 21:20

Tgt Ion: 64 Resp: 86994

Ion Ratio Lower Upper

64 100

66 32.3 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.65

40000

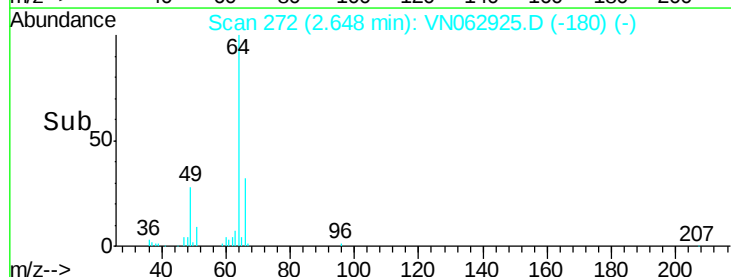
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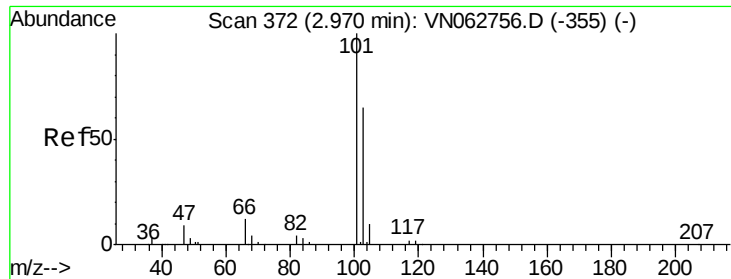
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10000

0

Time-->





#7

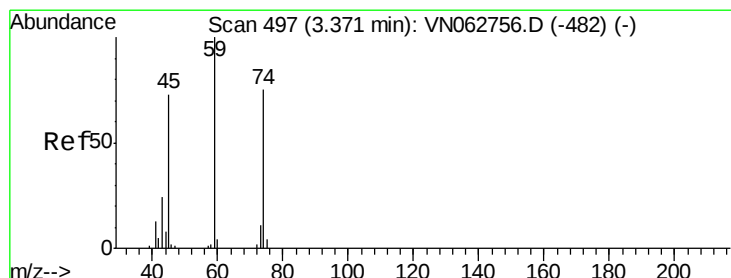
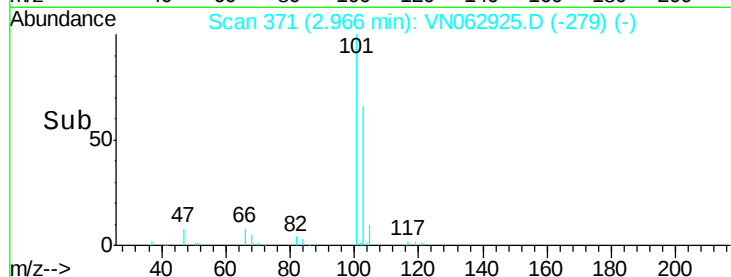
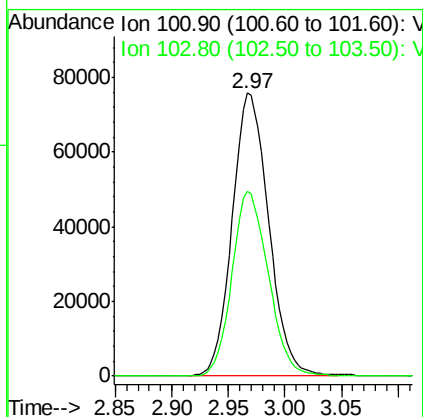
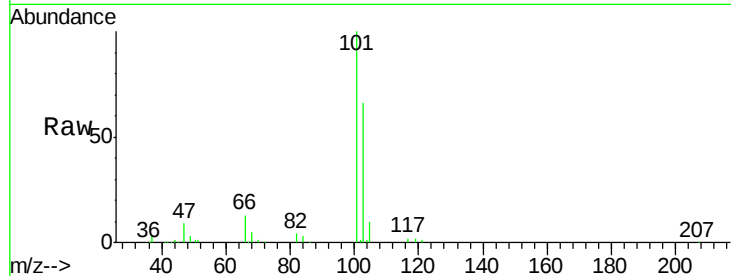
Trichlorofluoromethane
 Concen: 48.547 ug/l
 RT: 2.97 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.3	78.5

Manual Integrations
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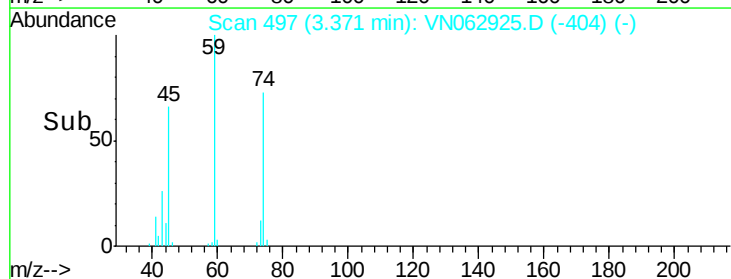
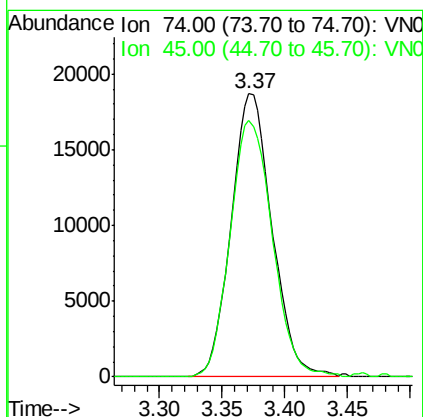
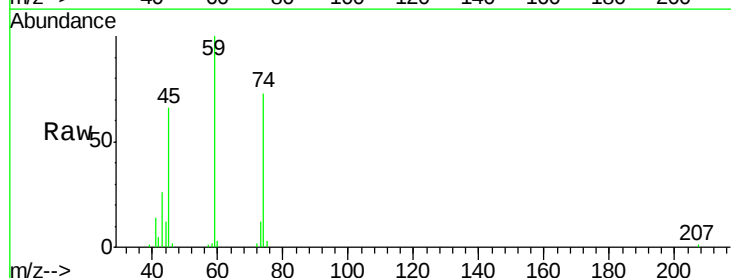
MMDadoda
 8/14/2020 4:49:43 PM

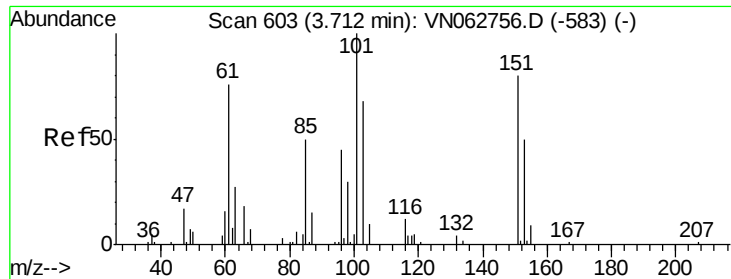


#8

Diethyl Ether
 Concen: 42.064 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.729 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

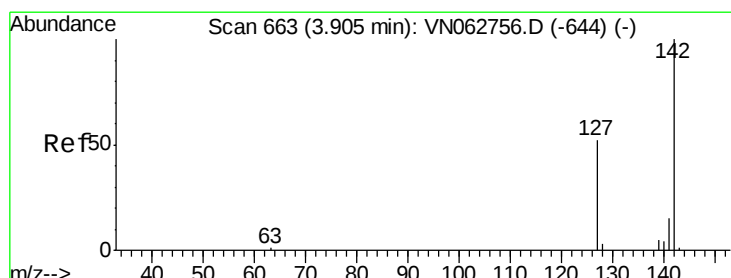
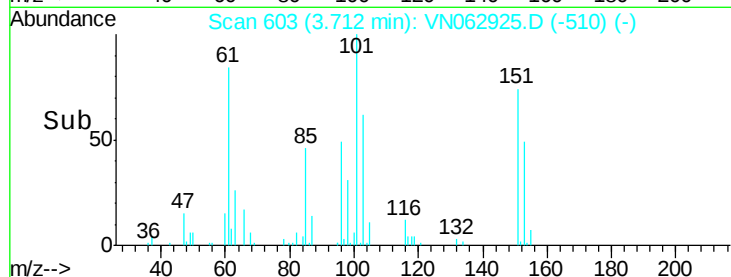
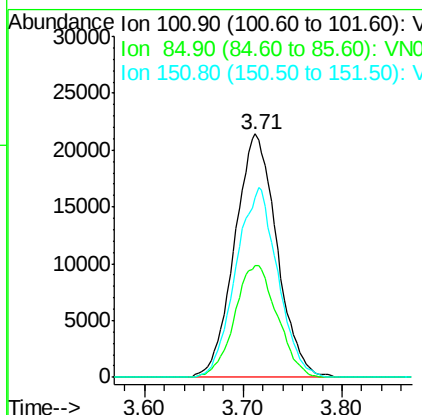
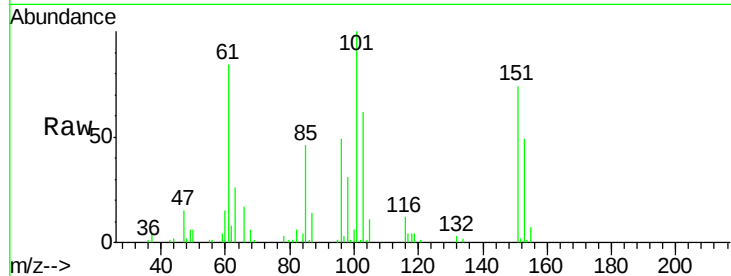
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	63536
Ion Ratio	Lower	Upper	
101	100		
85	46.4	38.5	57.7
151	77.2	63.0	94.6

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#10

Methyl Iodide

Concen: 47.395 ug/l

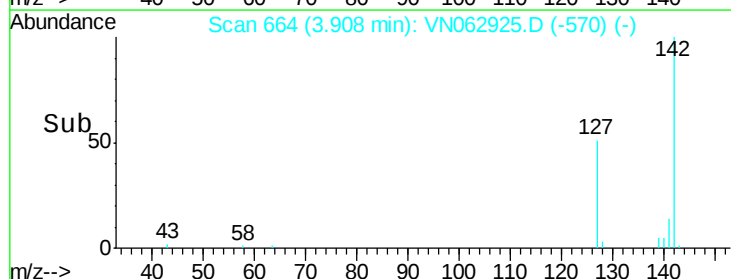
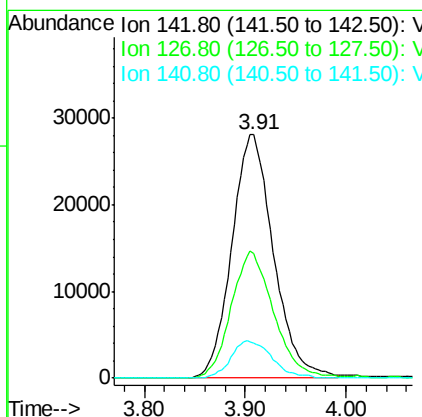
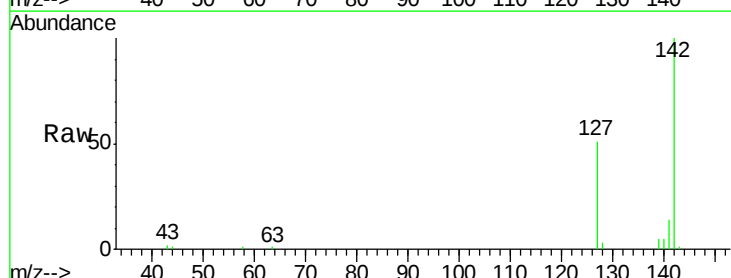
RT: 3.91 min Scan# 664

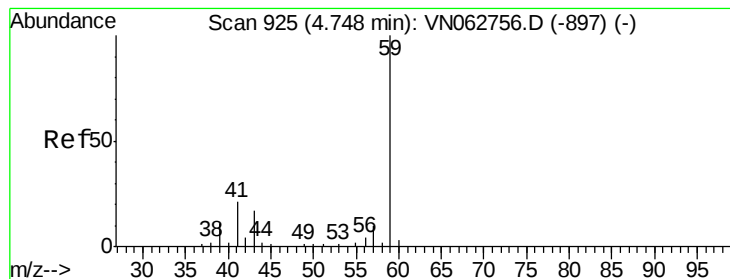
Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion:	142	Resp:	80741
Ion Ratio	Lower	Upper	
142	100		
127	52.8	41.4	62.0
141	14.9	12.2	18.4





#11

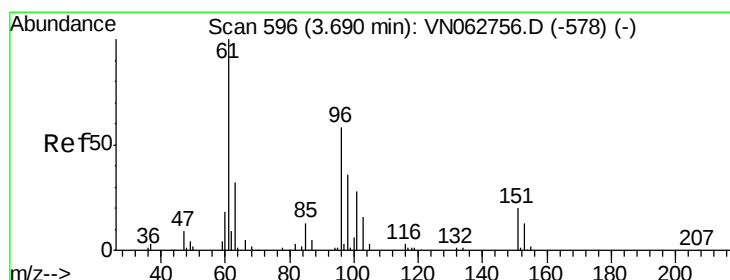
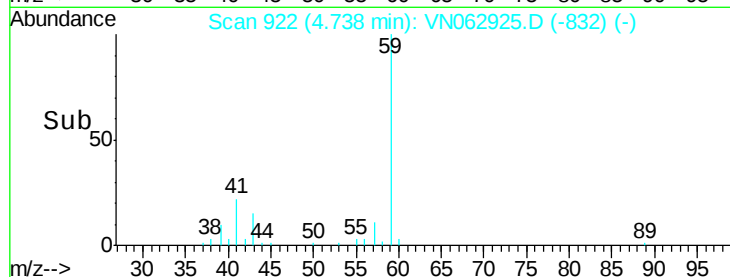
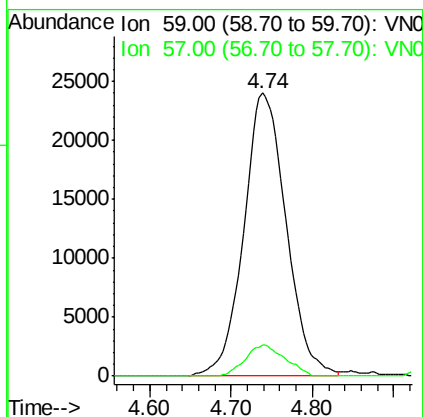
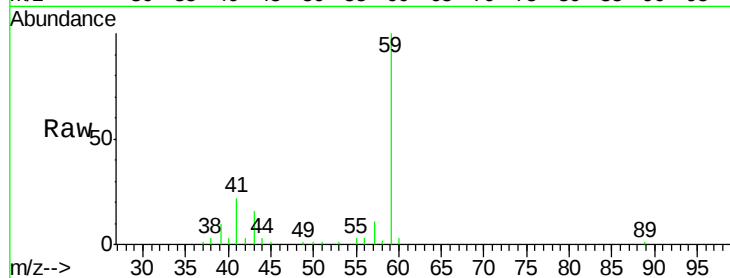
Tert butyl alcohol
Concen: 204.995 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.01 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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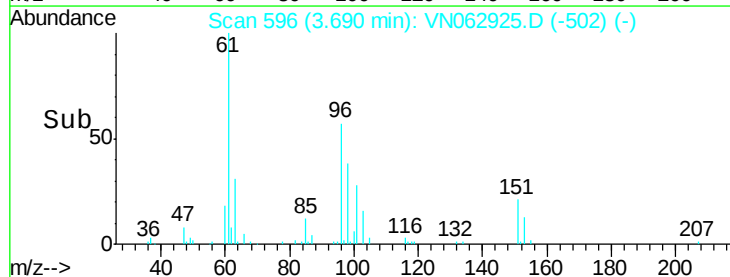
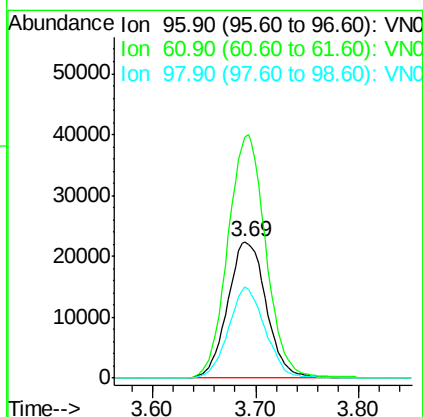
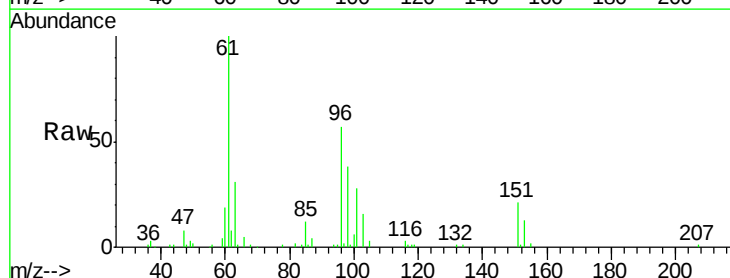
MMDadoda
8/14/2020 4:49:43 PM

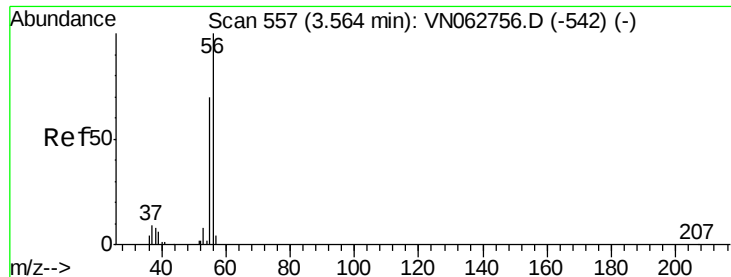


#12

1,1-Dichloroethene
Concen: 43.861 ug/l
RT: 3.69 min Scan# 596
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.7	139.0	208.6
98	66.8	50.2	75.4





#13

Acrolein

Concen: 266.097 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 67912

Ion Ratio Lower Upper

56 100

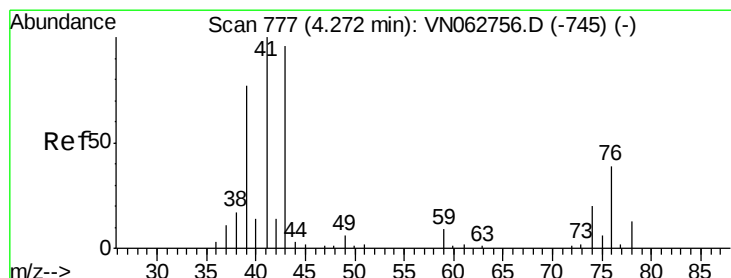
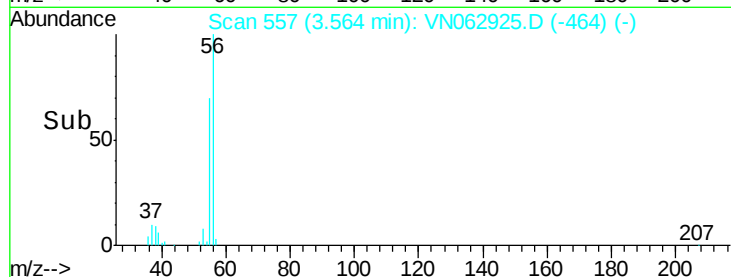
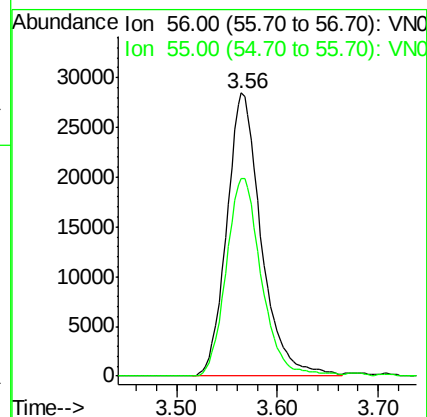
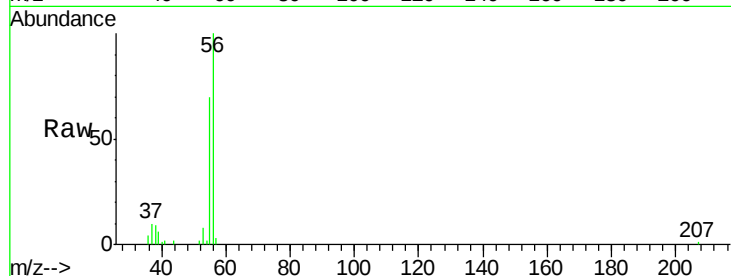
55 70.8 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 37.345 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

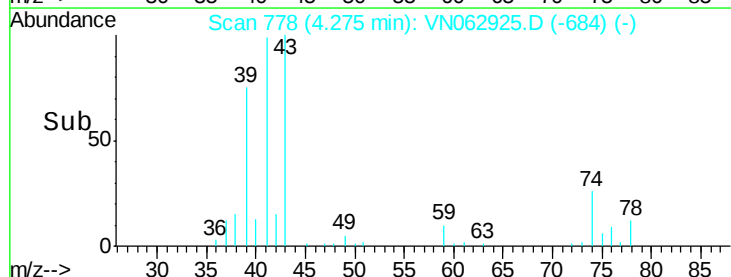
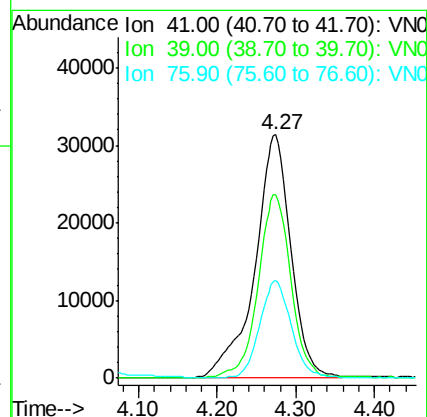
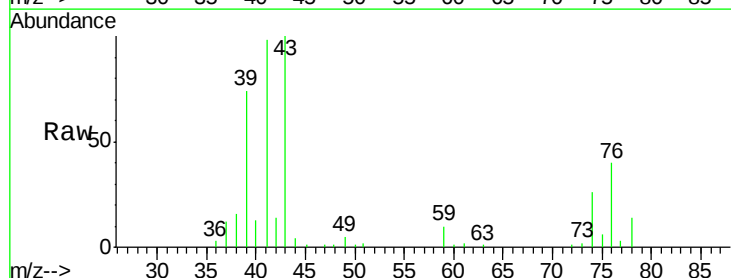
Tgt Ion: 41 Resp: 101685

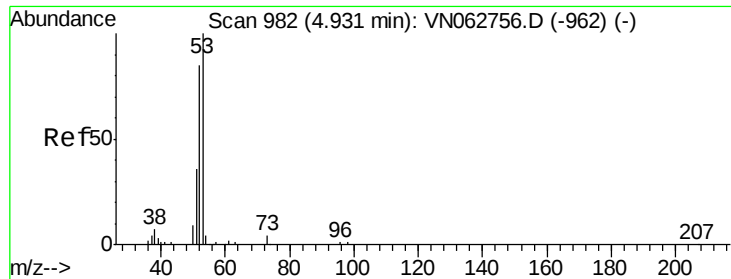
Ion Ratio Lower Upper

41 100

39 68.6 55.7 83.5

76 35.1 27.5 41.3





#15

Acrylonitrile

Concen: 212.912 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

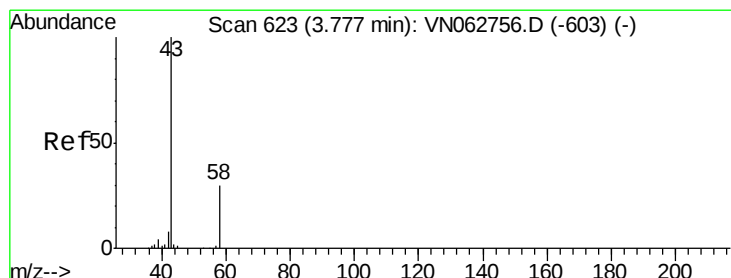
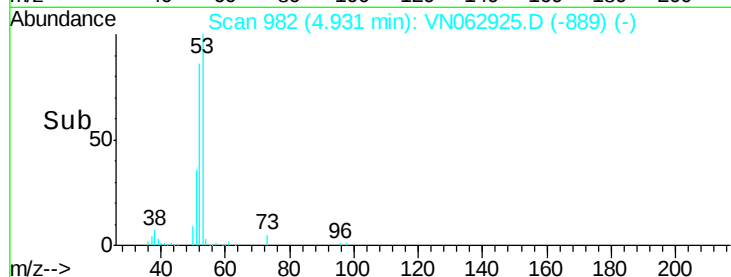
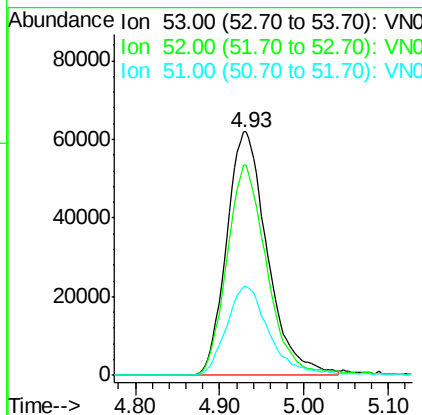
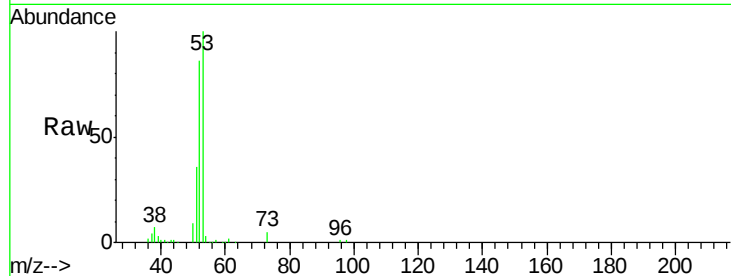
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	208156
Ion Ratio		Lower	Upper
53	100		
52	84.0	66.8	100.2
51	38.1	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 193.318 ug/l

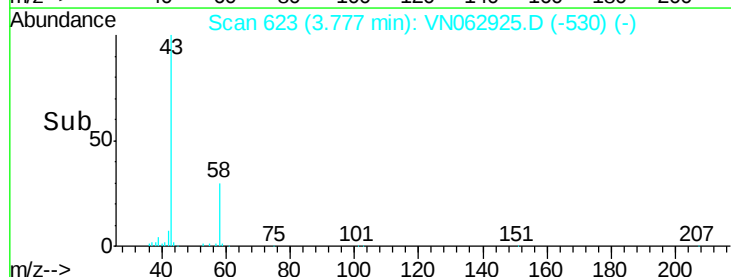
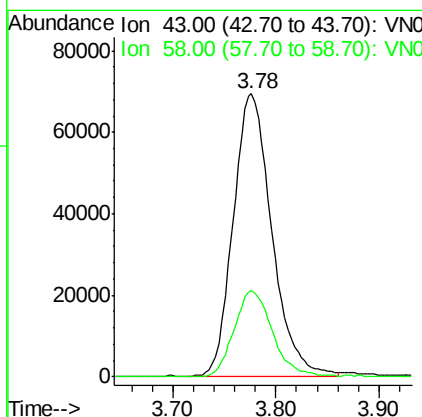
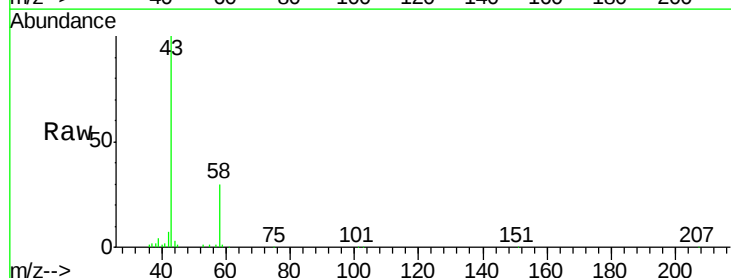
RT: 3.78 min Scan# 623

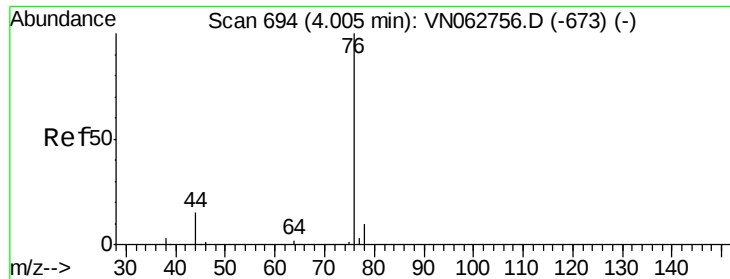
Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion:	43	Resp:	179650
Ion Ratio		Lower	Upper
43	100		
58	30.4	24.1	36.1





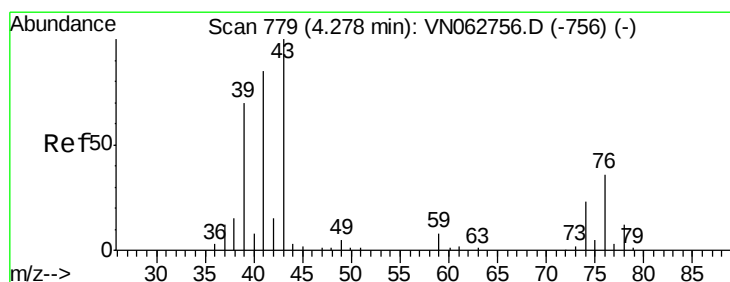
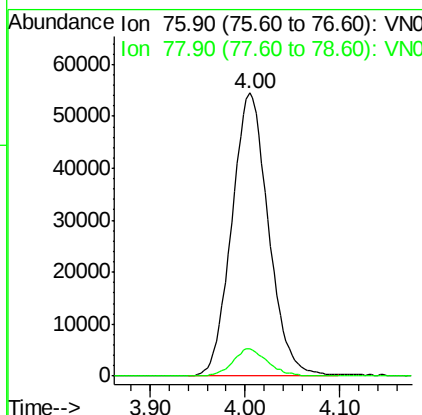
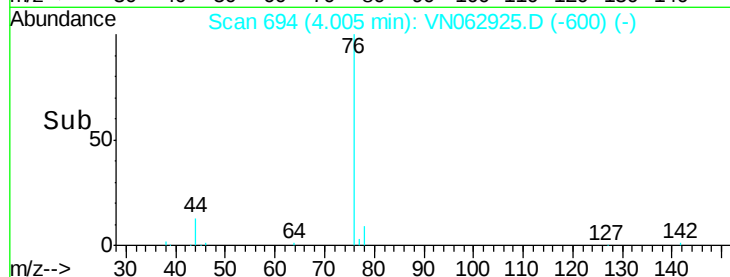
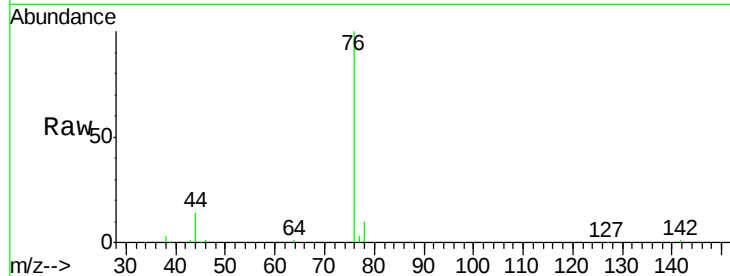
#17
Carbon Disulfide
Concen: 38.892 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.7	11.5

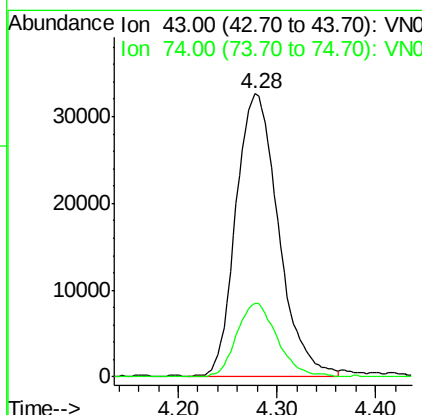
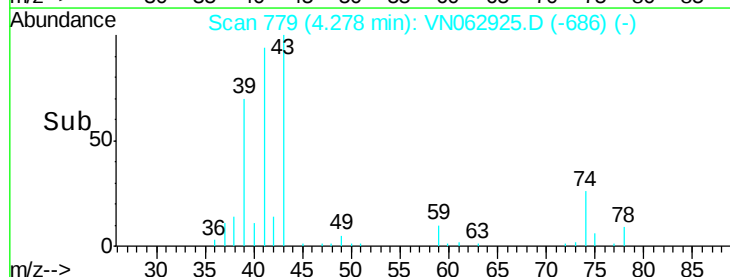
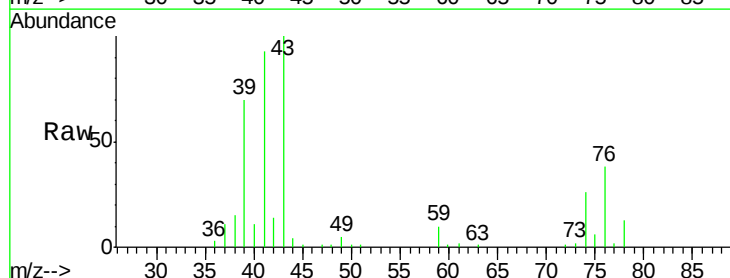
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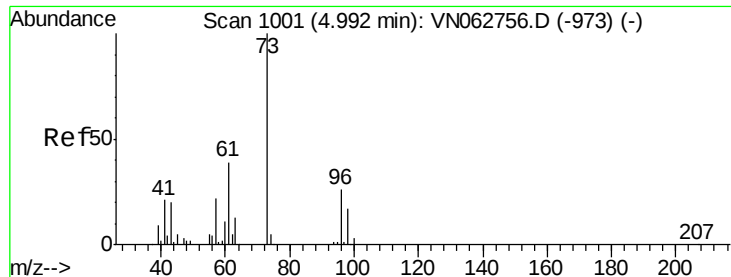
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#18
Methyl Acetate
Concen: 44.415 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.6	28.0





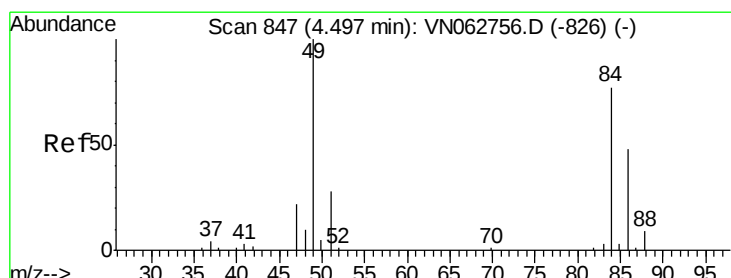
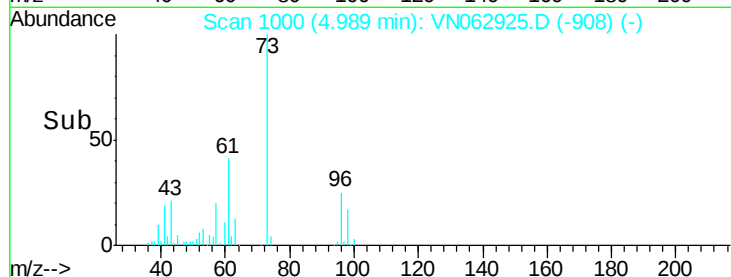
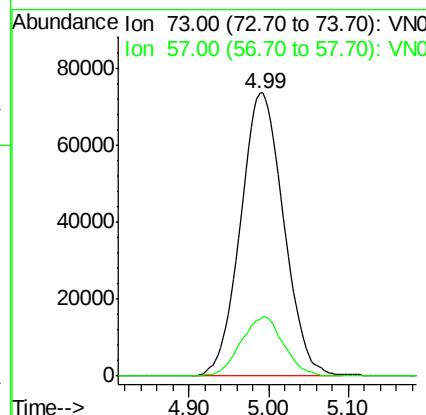
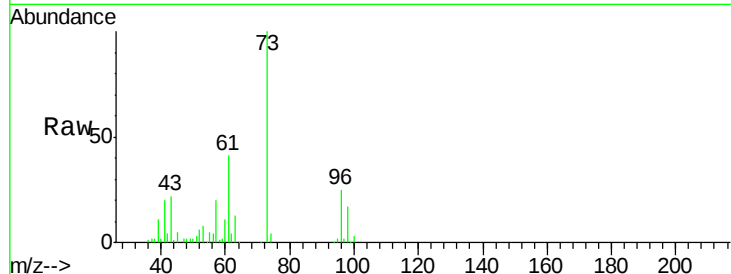
#19
Methvl tert-butvl Ether
Concen: 44.984 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 271049
Ion Ratio Lower Upper
73 100
57 20.1 17.5 26.3

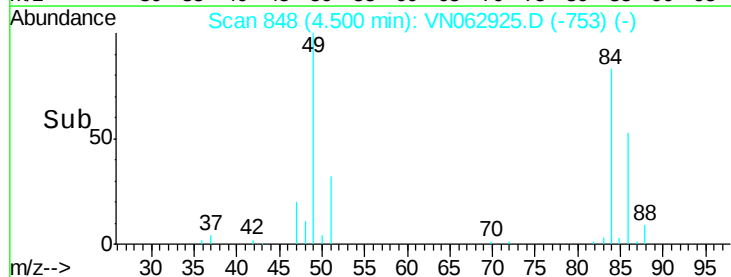
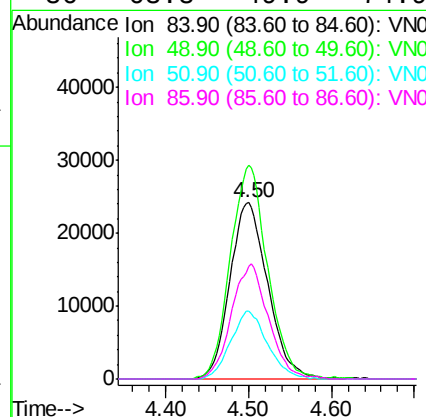
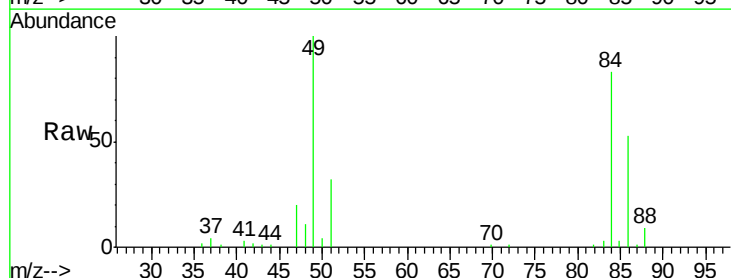
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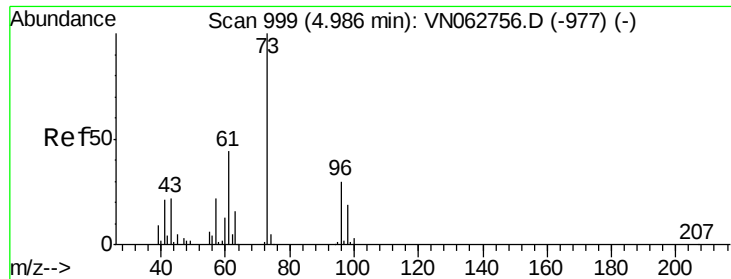
MMDadoda
8/14/2020 4:49:43 PM



#20
Methylene Chloride
Concen: 45.073 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 84 Resp: 76781
Ion Ratio Lower Upper
84 100
49 121.1 103.4 155.2
51 38.5 29.3 43.9
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 40.741 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

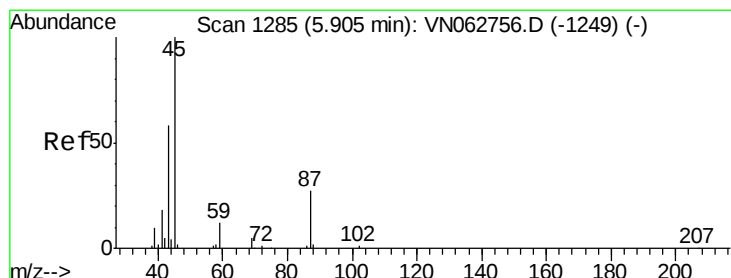
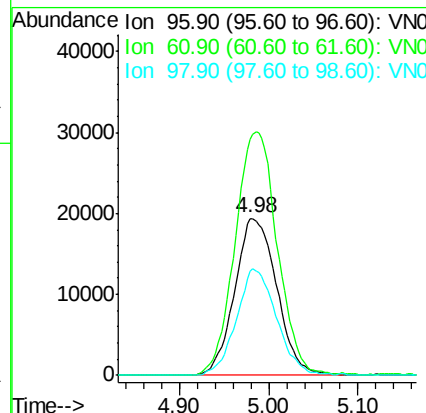
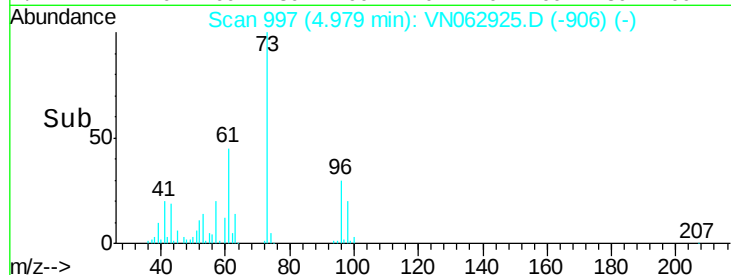
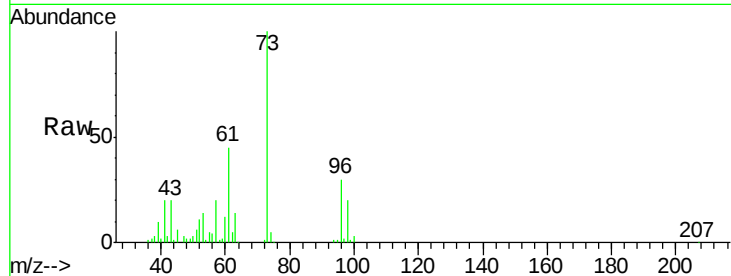
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	63406
Ion	Ratio	Lower	Upper
96	100		
61	150.0	118.8	178.2
98	66.1	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 42.442 ug/l

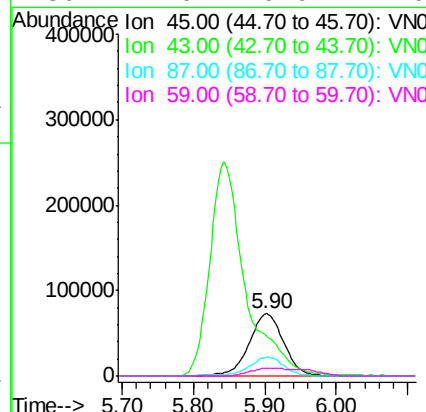
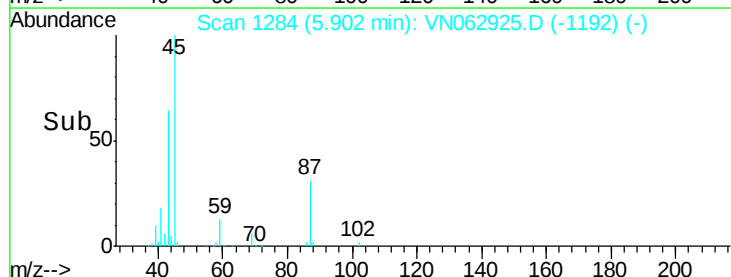
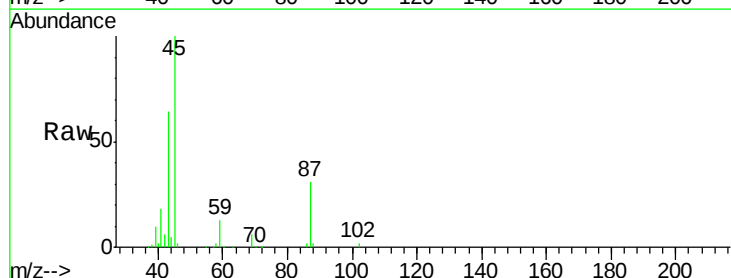
RT: 5.90 min Scan# 1284

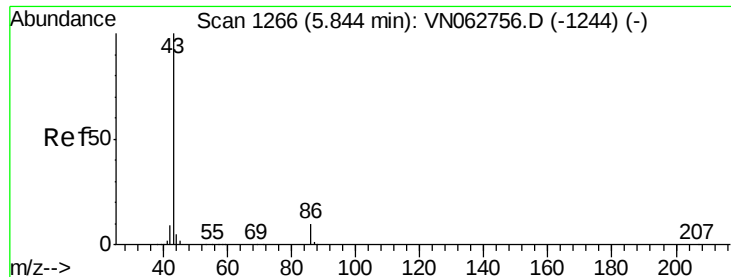
Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion:	45	Resp:	246011
Ion	Ratio	Lower	Upper
45	100		
43	62.5	47.4	71.2
87	30.8	22.8	34.2
59	12.6	9.9	14.9





#23

Vinyl Acetate

Concen: 196.396 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 865877

Ion Ratio Lower Upper

43 100

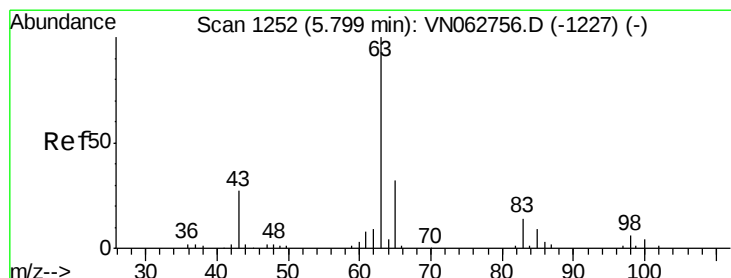
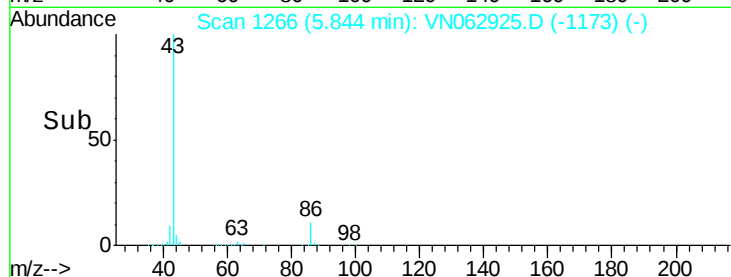
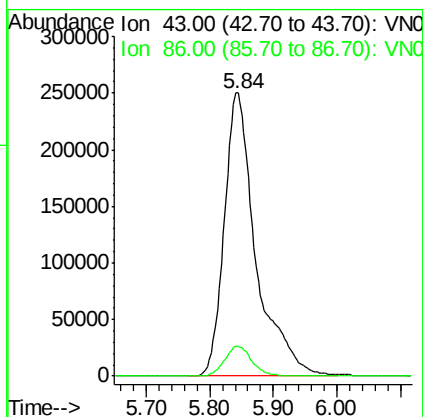
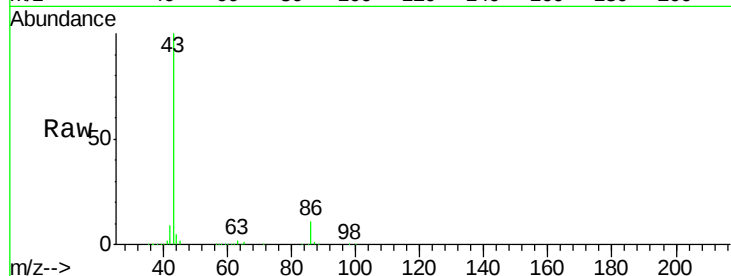
86 10.5 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 41.133 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

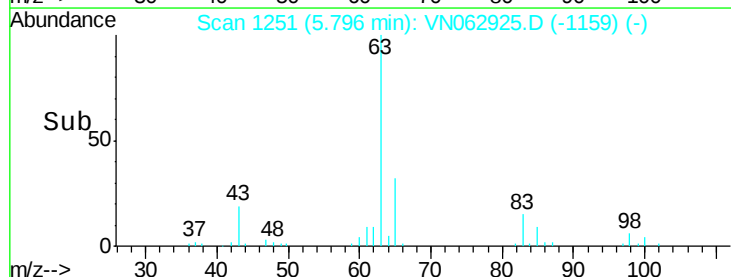
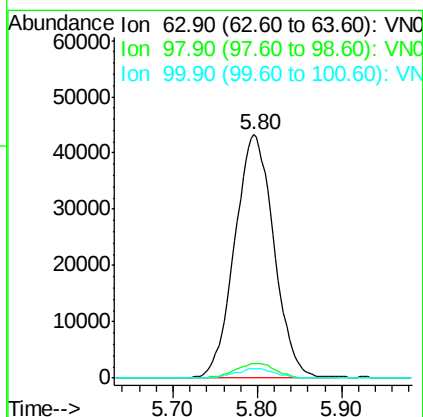
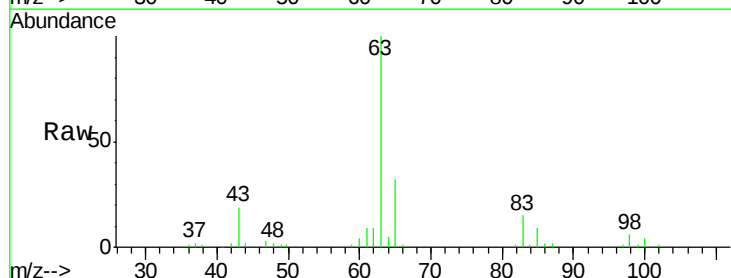
Tgt Ion: 63 Resp: 139721

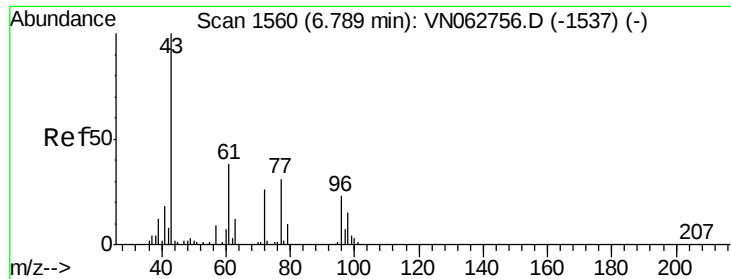
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.9 1.9 5.7





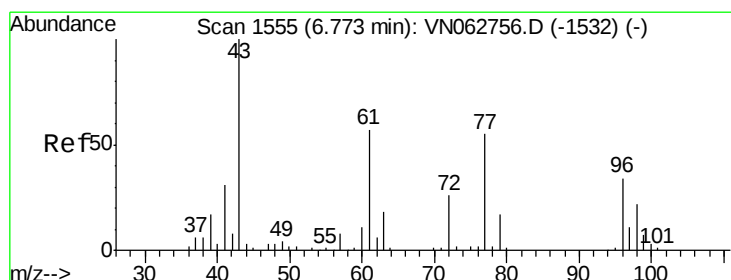
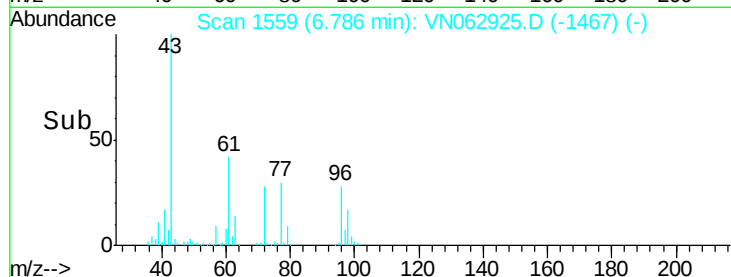
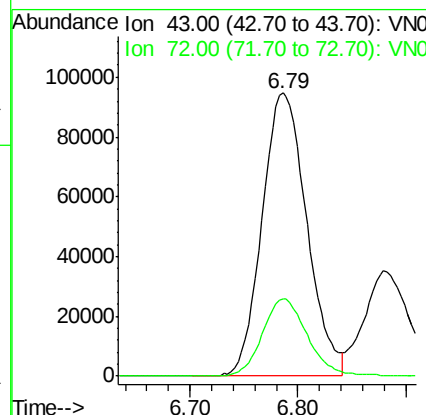
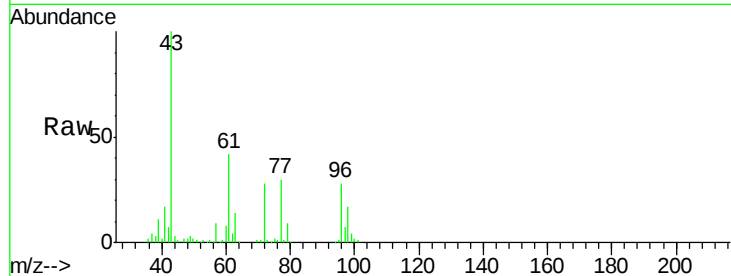
#25
2-Butanone
Concen: 206.977 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	272417
Ion Ratio	100	Lower	Upper
72	27.5	21.1	31.7

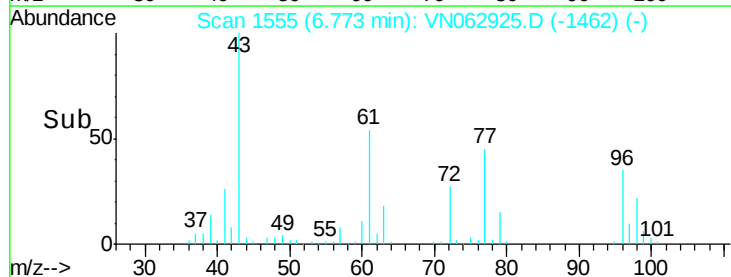
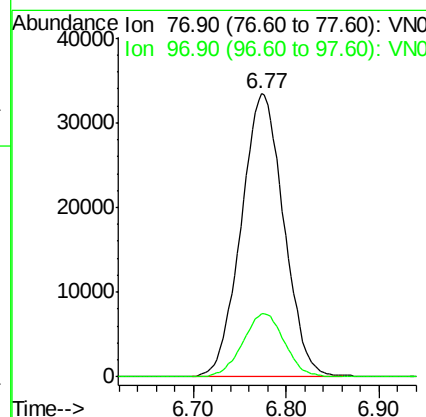
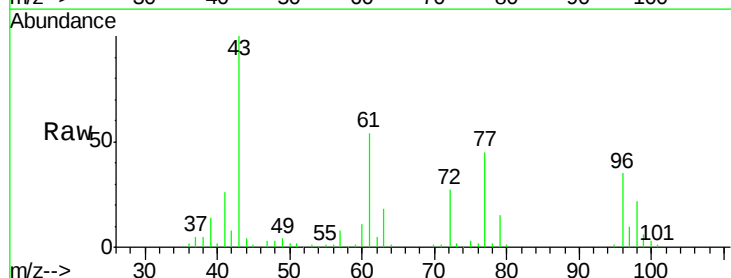
Manual Integrations
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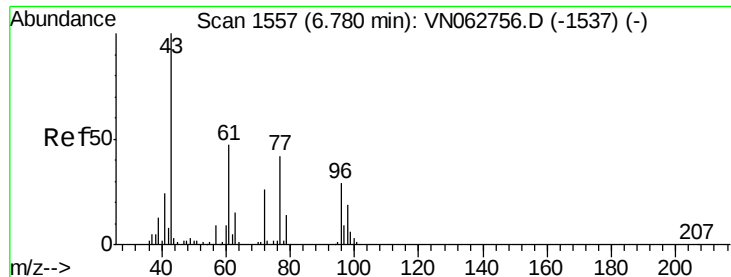
MMDadoda
8/14/2020 4:49:43 PM



#26
2,2-Dichloropropane
Concen: 34.150 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	77	Resp	106928
Ion Ratio	100	Lower	Upper
97	21.8	10.5	31.6





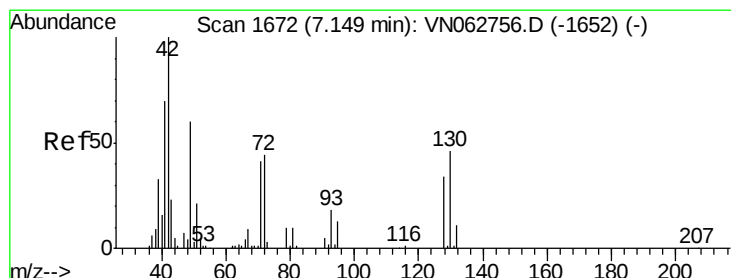
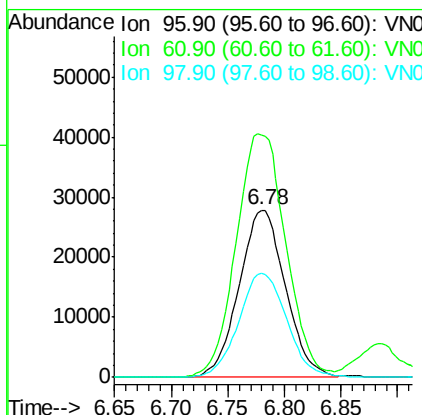
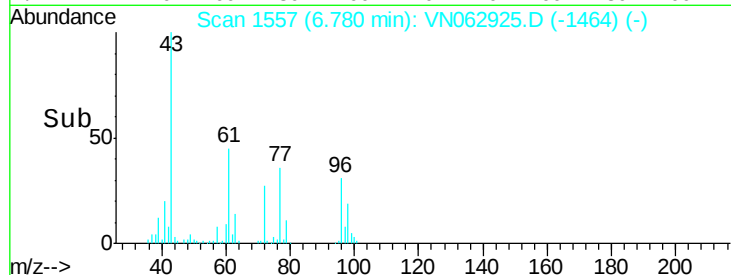
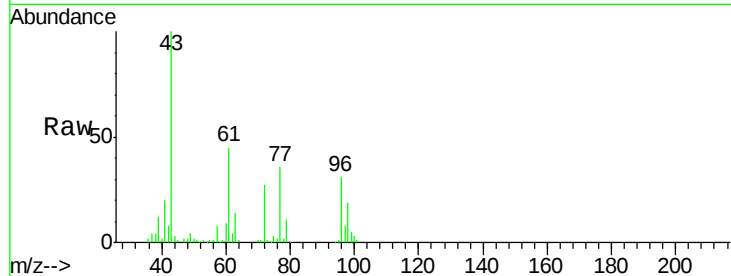
#27
 cis-1,2-Dichloroethene
 Concen: 42.541 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.0	0.0	332.2	
98	64.5	0.0	129.4	

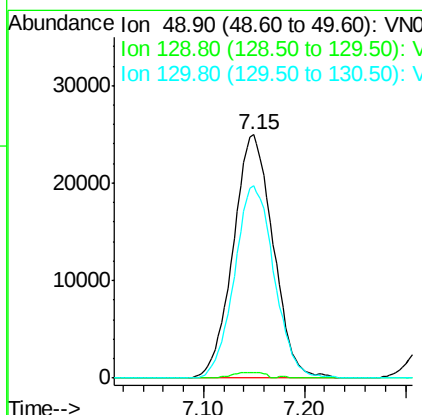
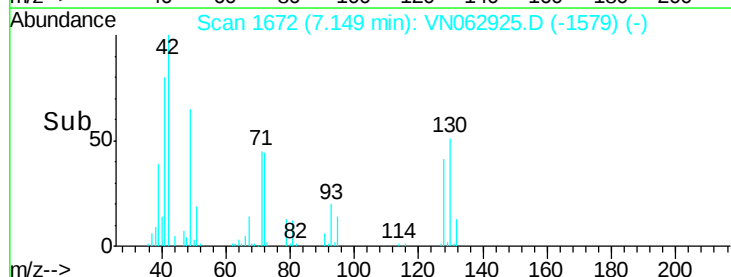
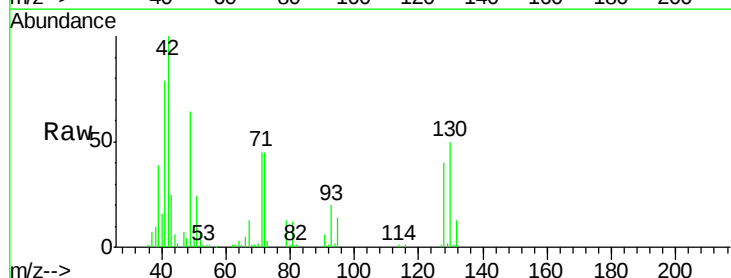
Manual Integrations
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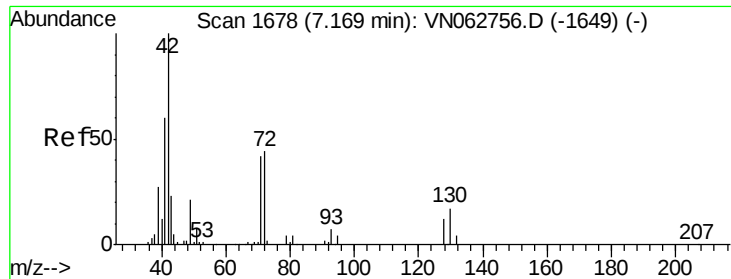
MMDadoda
 8/14/2020 4:49:43 PM



#28
 Bromochloromethane
 Concen: 41.954 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.2	
130	78.0	59.0	88.6	





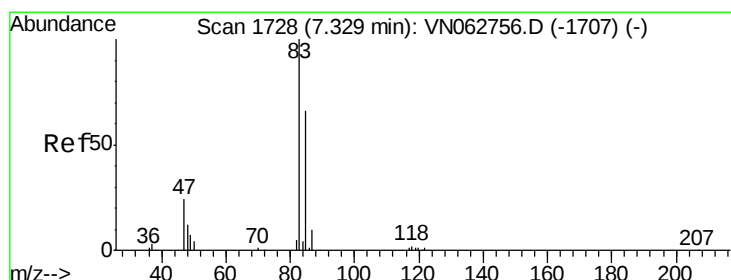
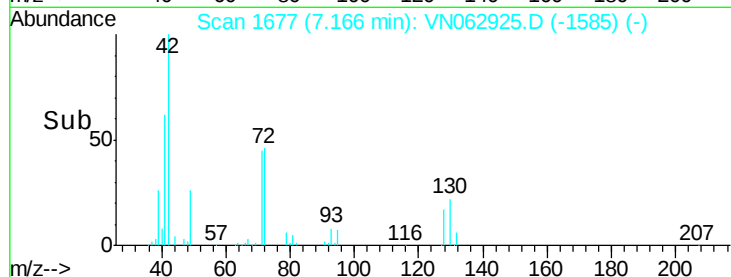
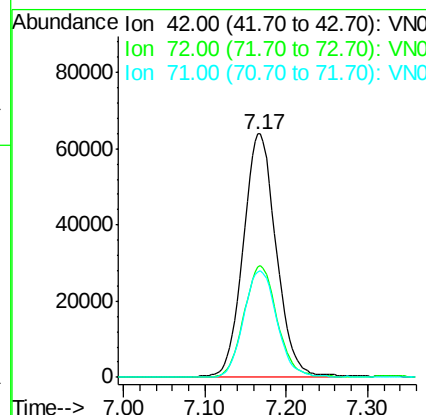
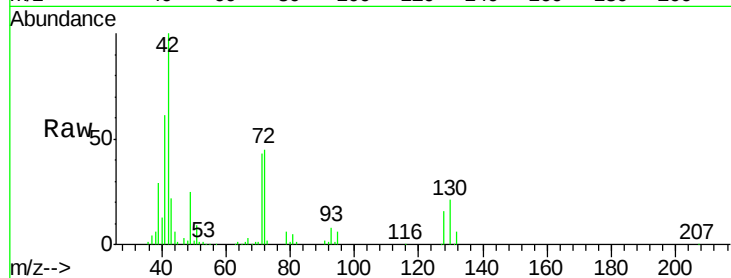
#29
Tetrahydrofuran
Concen: 208.954 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.0	52.4
71	44.3	33.2	49.8

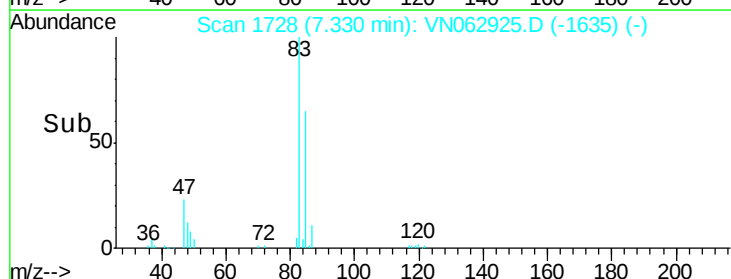
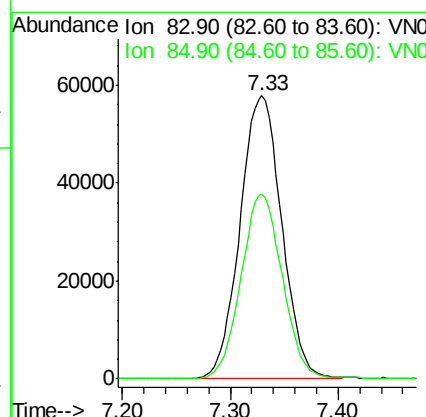
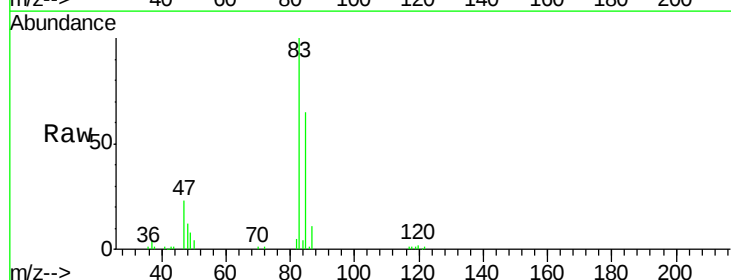
Manual Integrations
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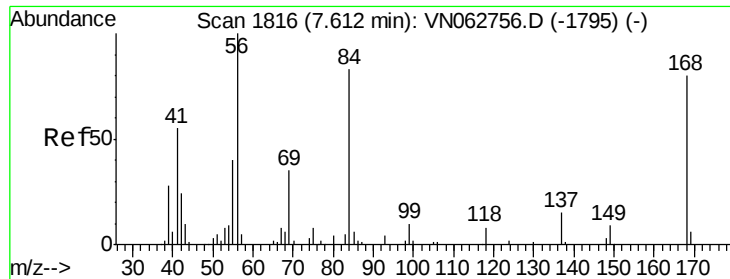
MMDadoda
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#30
Chloroform
Concen: 43.131 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.7	79.1





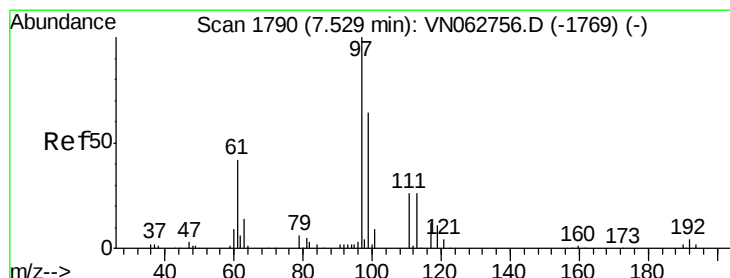
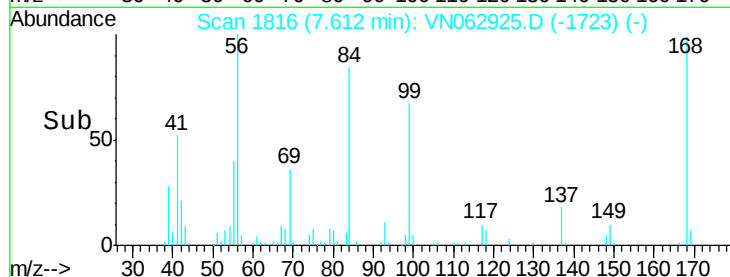
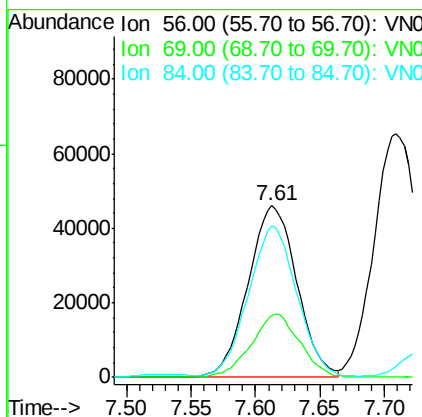
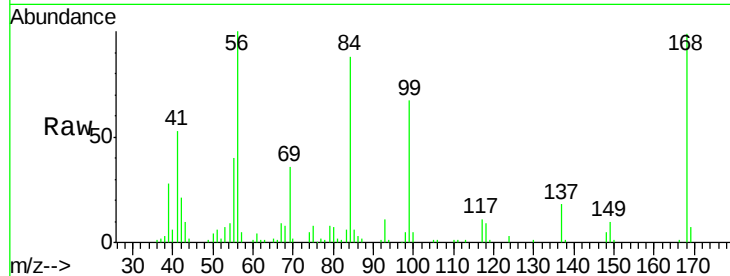
#31
Cyclohexane
Concen: 38.999 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	28.1	42.1
84	86.8	66.8	100.2

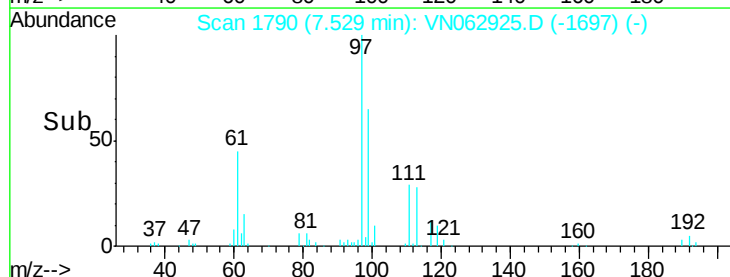
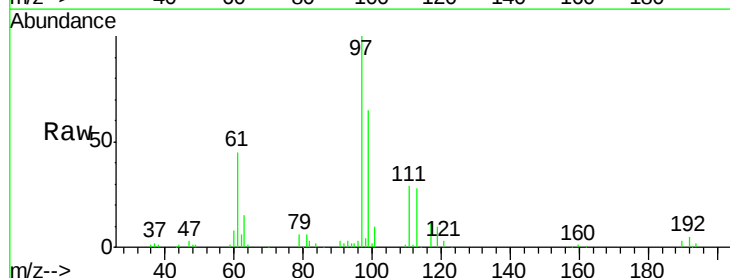
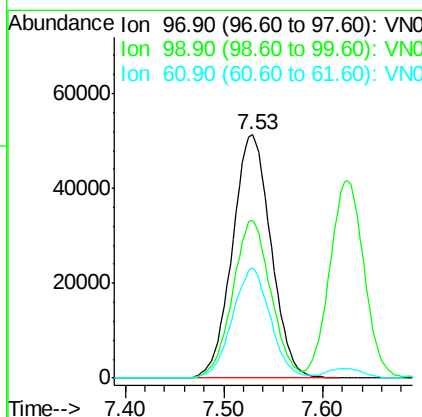
Manual Integrations
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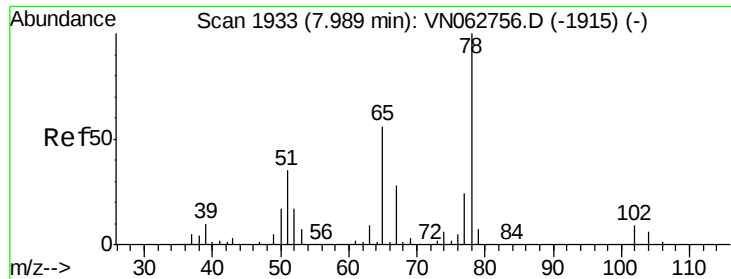
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#32
1,1,1-Trichloroethane
Concen: 43.221 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.0	75.0
61	44.6	34.8	52.2





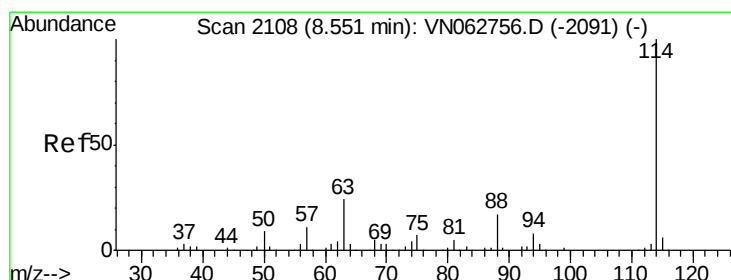
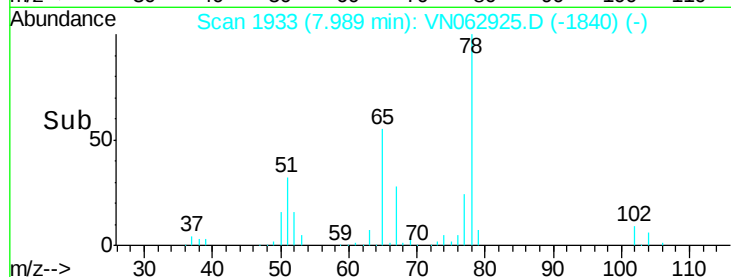
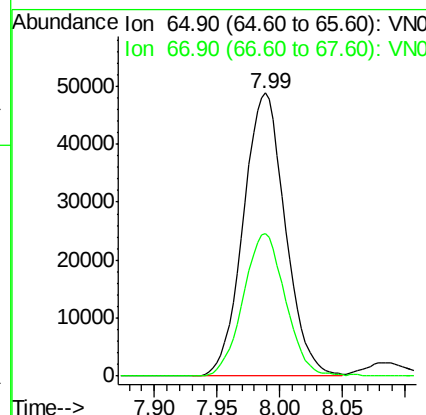
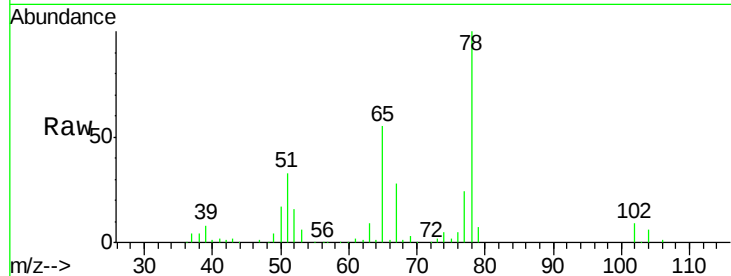
#33
 1,2-Dichloroethane-d4
 Concen: 44.195 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.6	0.0	101.4	

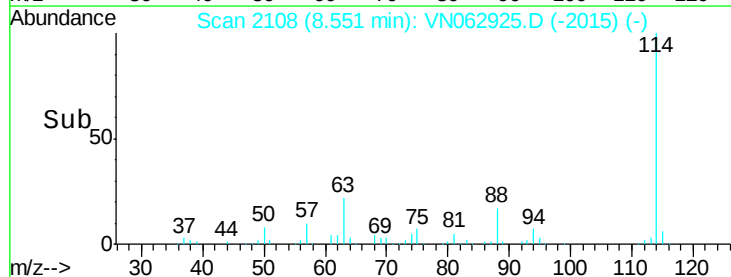
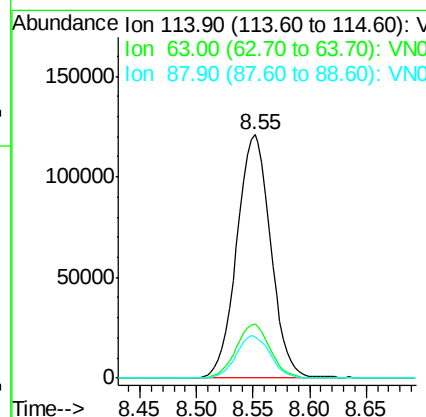
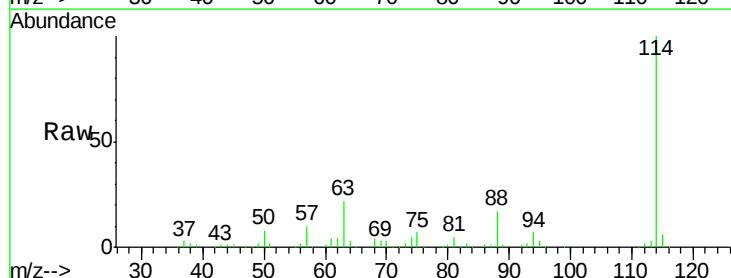
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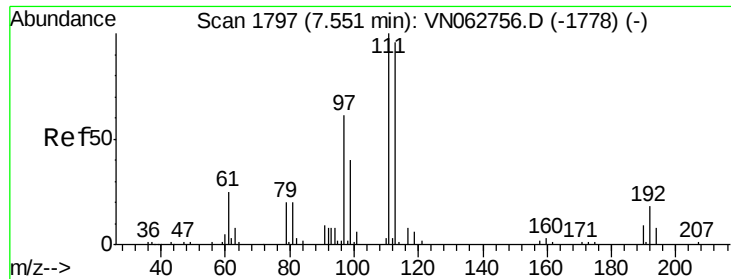
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.3	0.0	47.6	
88	16.9	0.0	34.4	





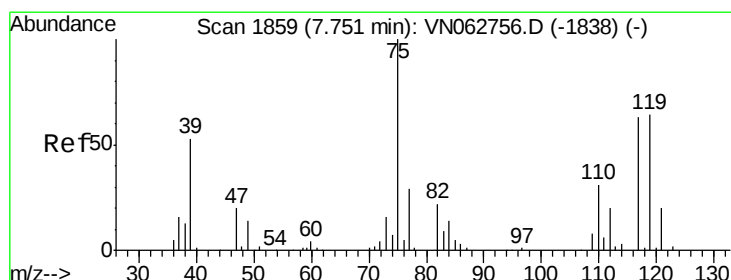
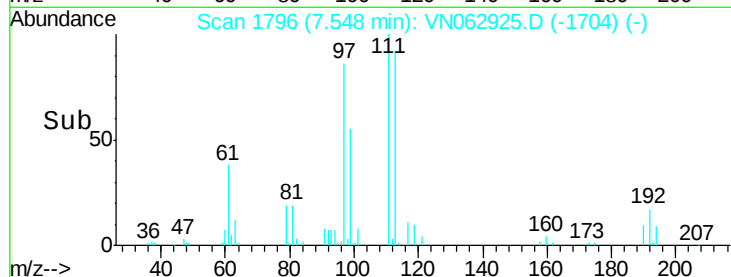
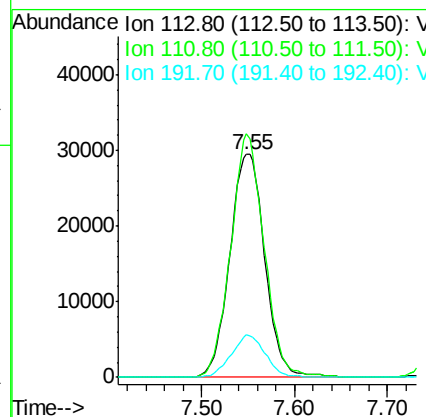
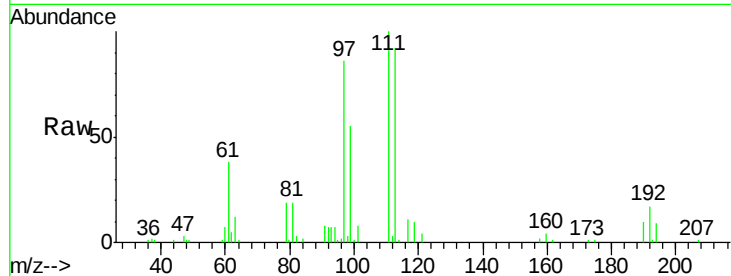
#35
 Dibromofluoromethane
 Concen: 44.688 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	18.4	15.0	22.4

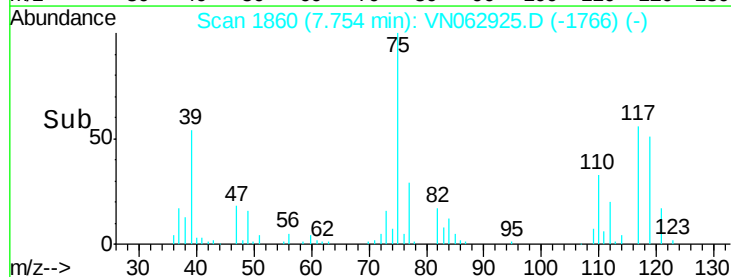
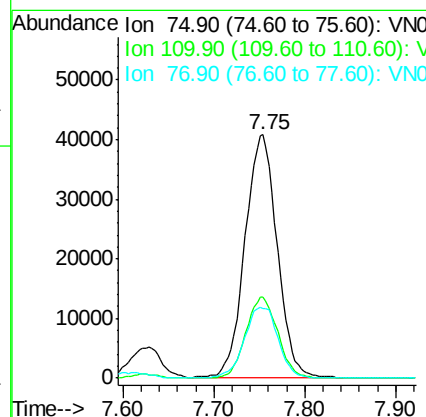
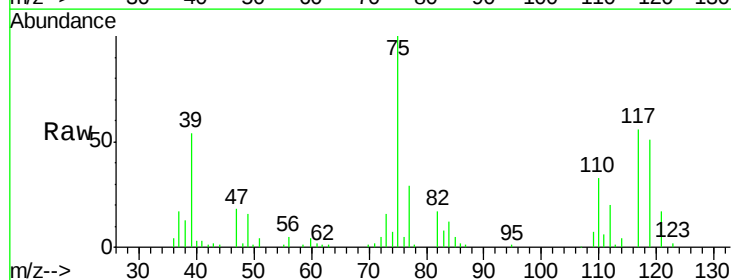
Manual Integrations
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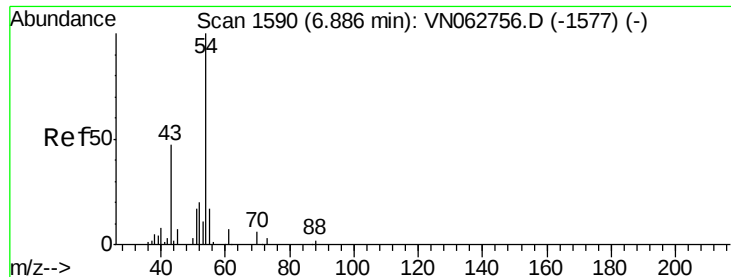
MMDadoda
 8/14/2020 4:49:43 PM



#36
 1,1-Dichloropropene
 Concen: 40.977 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	15.6	46.7
77	30.4	24.1	36.1





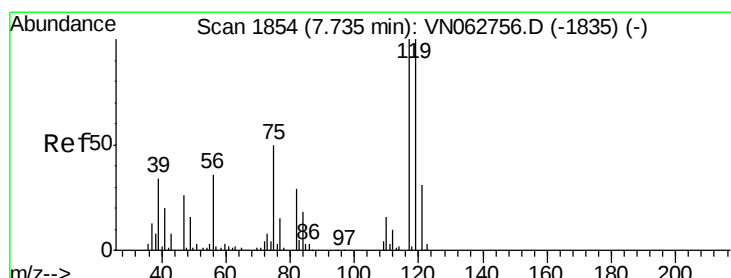
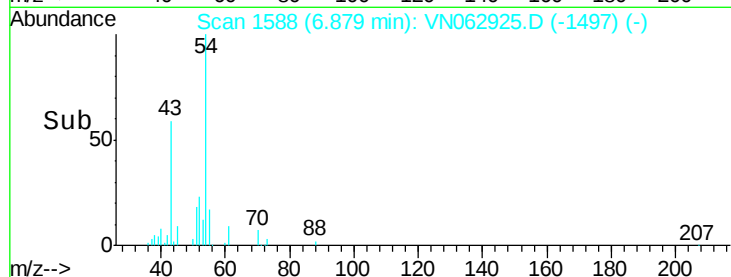
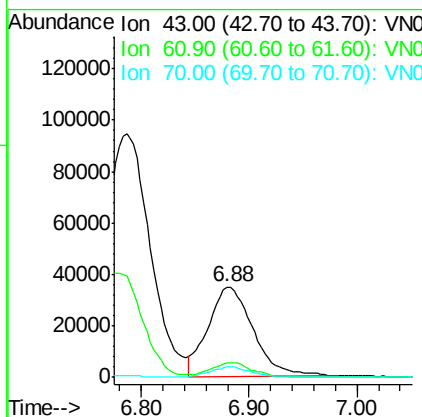
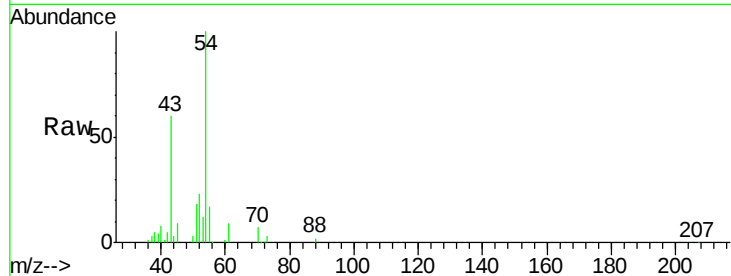
#37
Ethyl Acetate
Concen: 39.391 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	10.7	8.3	12.5

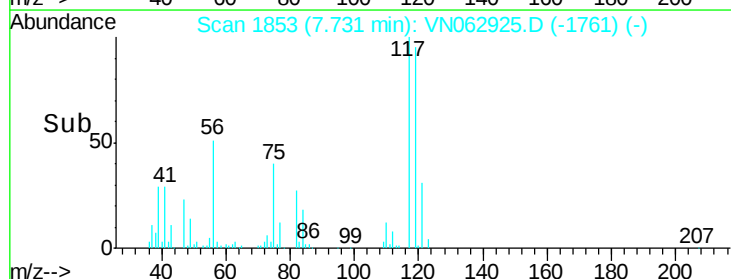
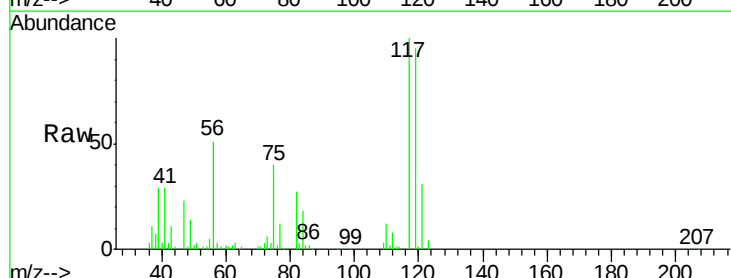
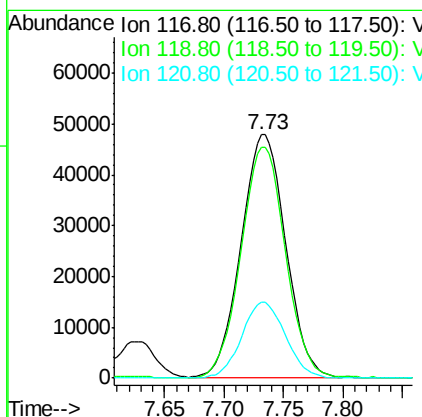
Manual Integrations
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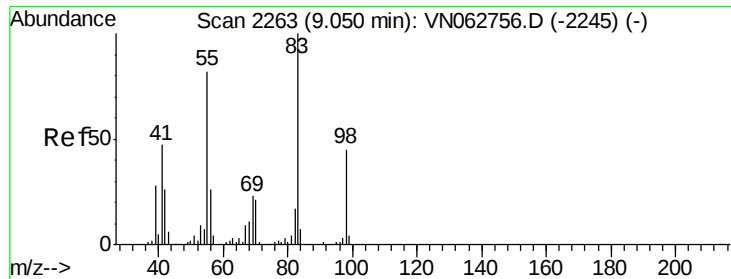
MMDadoda
8/14/2020 4:49:43 PM



#38
Carbon Tetrachloride
Concen: 42.593 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.4	119.2
121	31.6	24.9	37.3





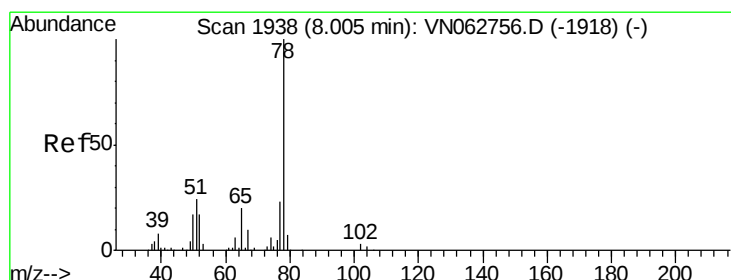
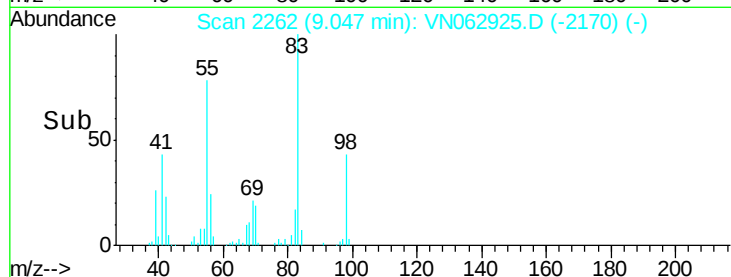
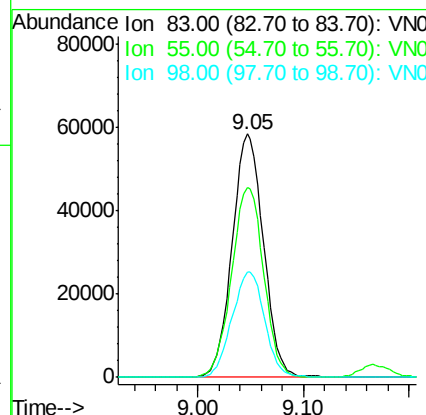
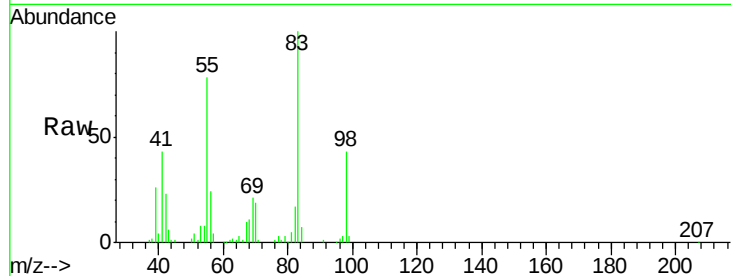
#39
Methvlcvclohexane
Concen: 40.463 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.7	98.5
98	43.1	35.6	53.4

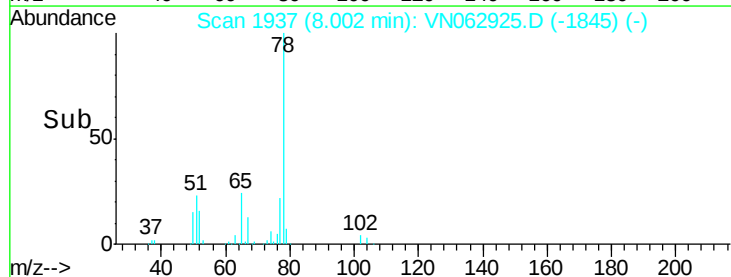
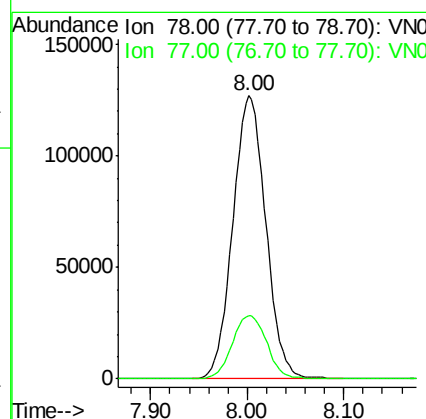
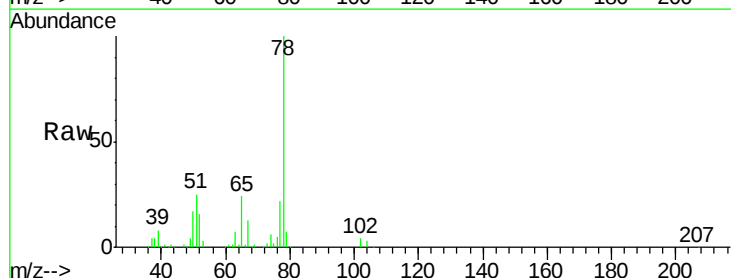
Manual Integrations
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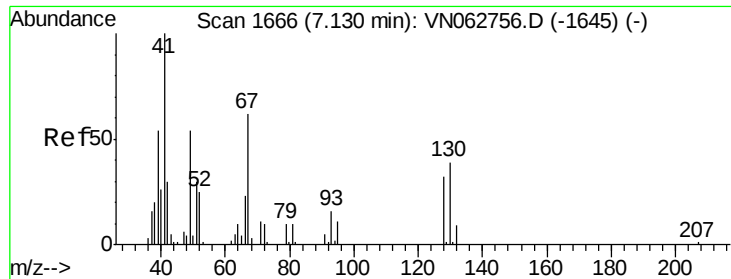
MMDadoda
8/14/2020 4:49:43 PM



#40
Benzene
Concen: 41.011 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.1	27.1





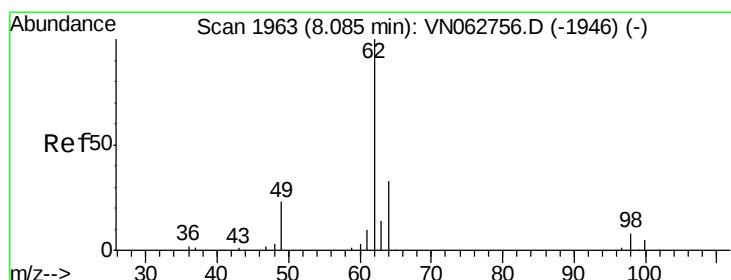
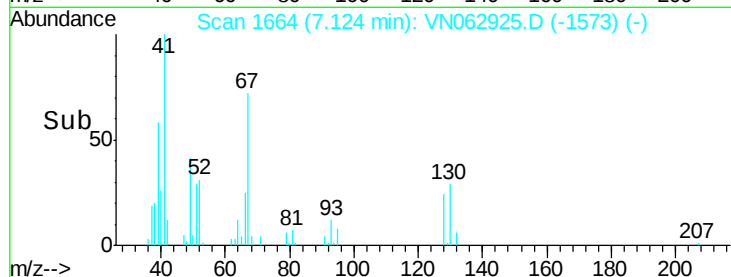
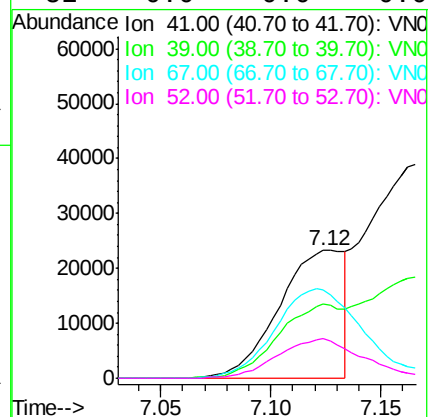
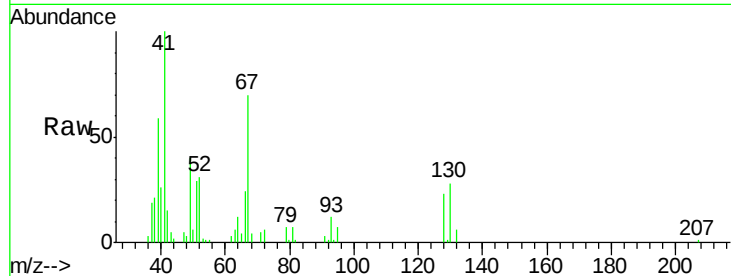
#41
Methacrylonitrile
Concen: 41.206 ug/l m
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	47742
Ion	Ratio	Lower	Upper
41	100		
39	0.0	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

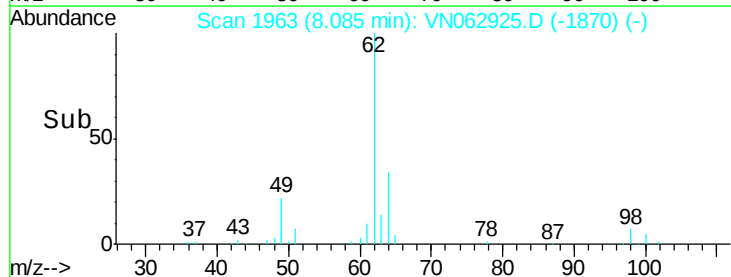
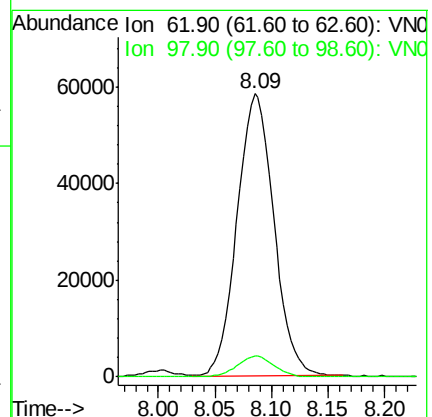
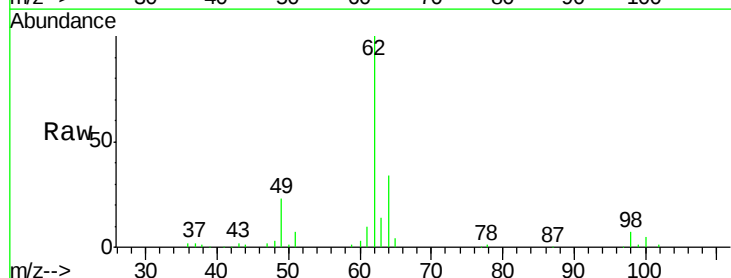
Manual Integrations
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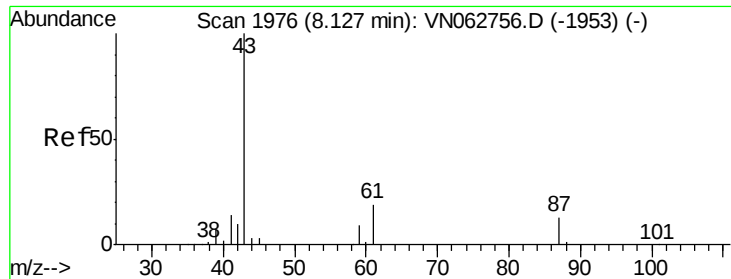
MMDadoda
8/14/2020 4:49:43 PM



#42
1,2-Dichloroethane
Concen: 42.491 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	62	Resp	132650
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.8





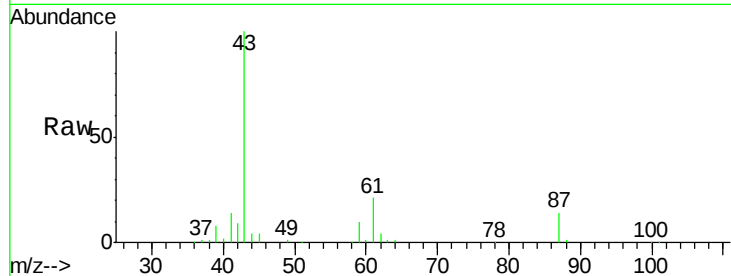
#43
Isopropyl Acetate
Concen: 39.921 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

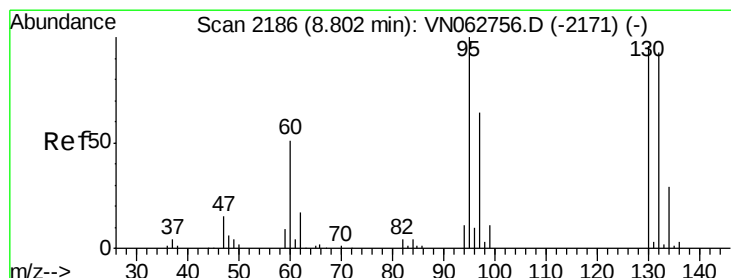
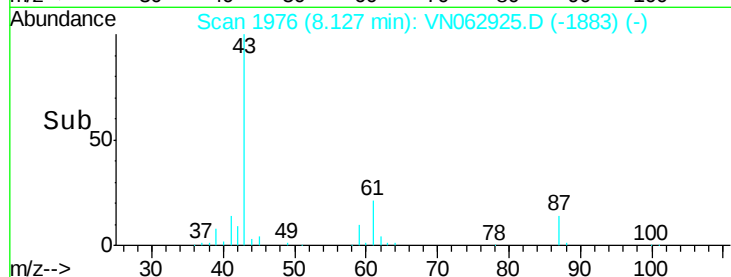
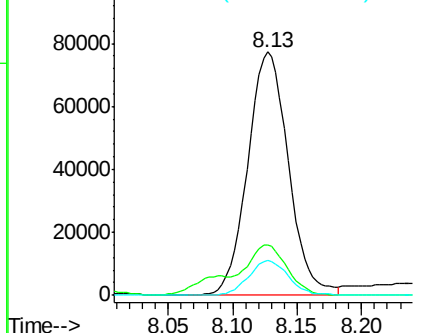
Tot Ion	43	Resp	170970
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.8	23.6
87	13.9	9.9	14.9

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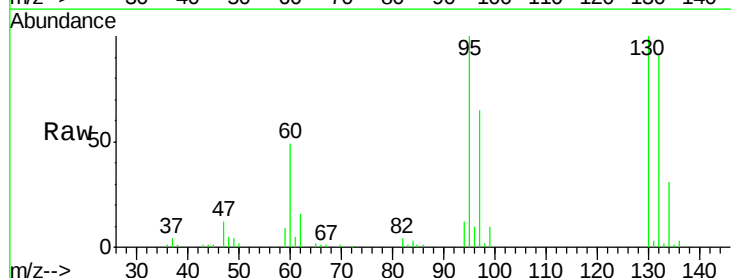


Abundance Ion 43.00 (42.70 to 43.70): VN062925.D (-1883) (-)
Ion 61.00 (60.70 to 61.70): VN062925.D (-1883) (-)
Ion 87.00 (86.70 to 87.70): VN062925.D (-1883) (-)

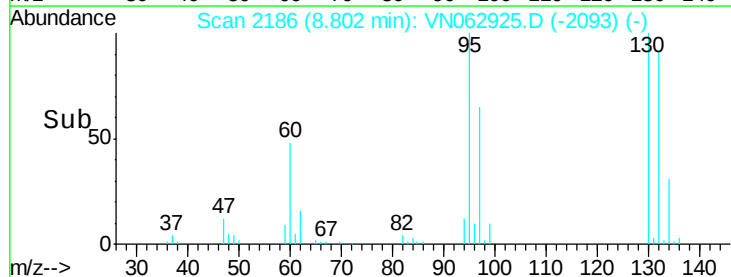
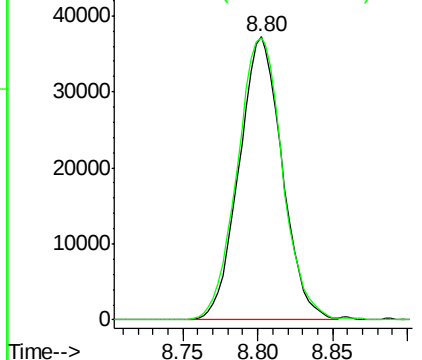


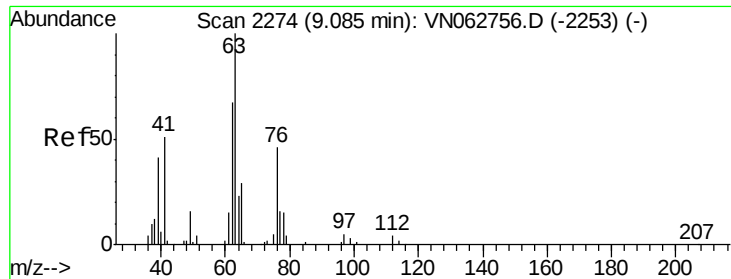
#44
Trichloroethene
Concen: 41.695 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	130	Resp	74509
Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062925.D (-2093) (-)
Ion 94.90 (94.60 to 95.60): VN062925.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 41.607 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 82597

Ion Ratio Lower Upper

63 100

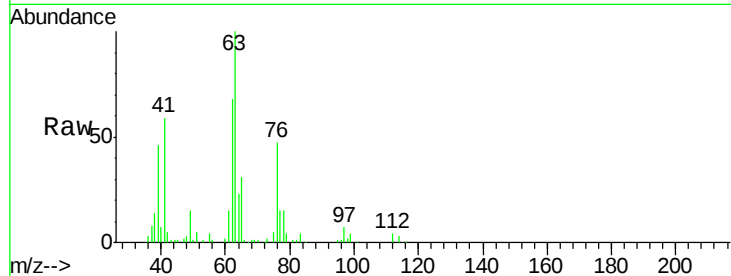
65 31.2 23.5 35.3

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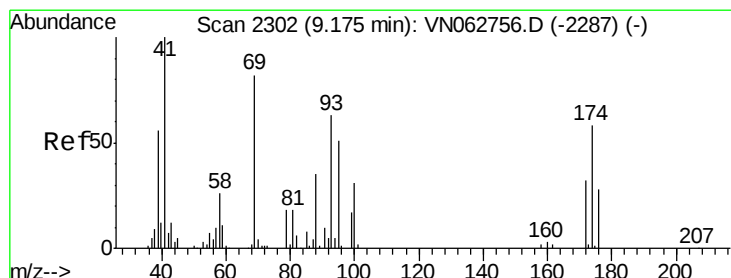
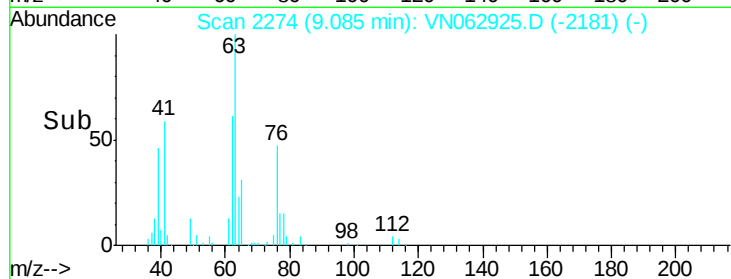
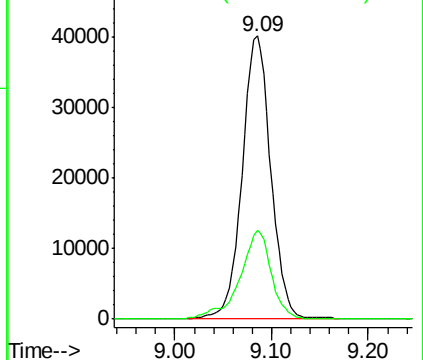
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 43.141 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

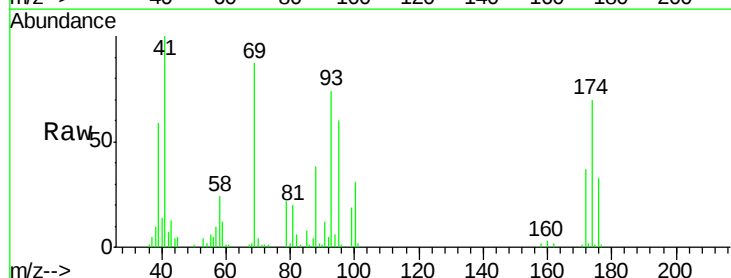
Tgt Ion: 93 Resp: 56113

Ion Ratio Lower Upper

93 100

95 85.1 65.1 97.7

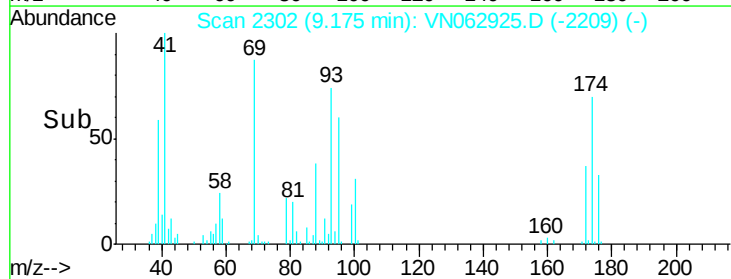
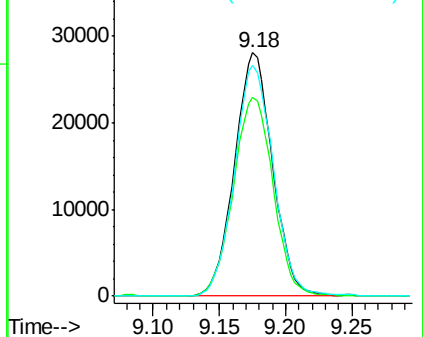
174 97.0 73.9 110.9

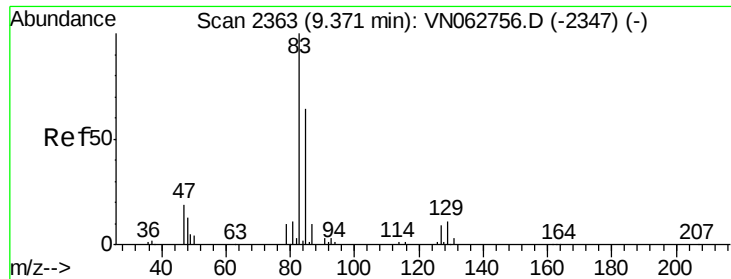


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 44.911 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

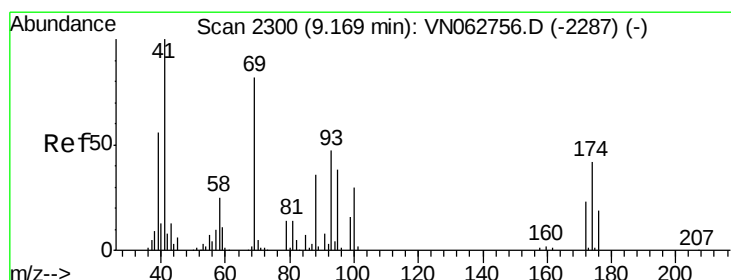
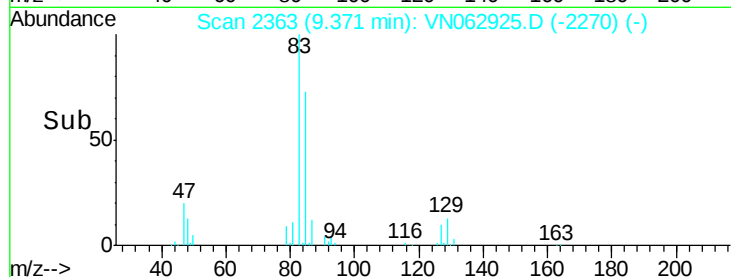
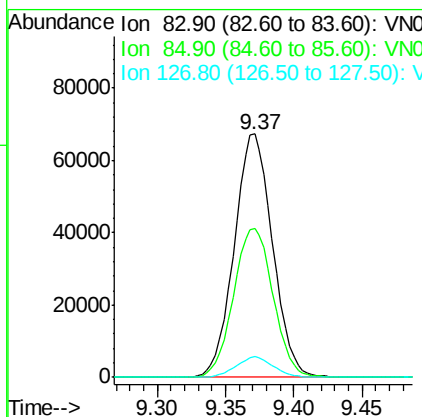
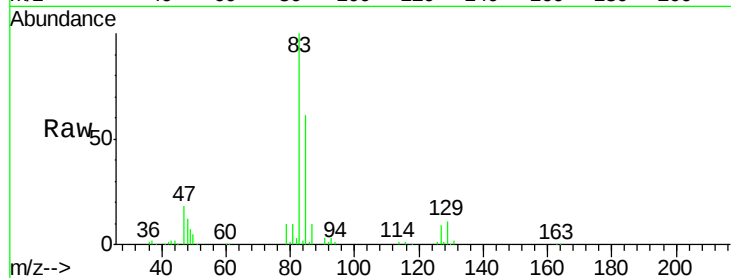
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	131198
Ion Ratio	Lower	Upper	
83	100		
85	61.2	51.4	77.0
127	8.6	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 40.351 ug/l

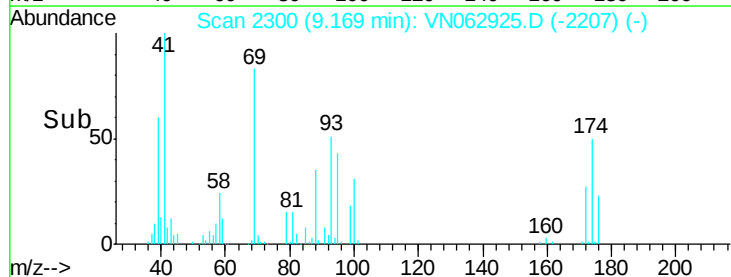
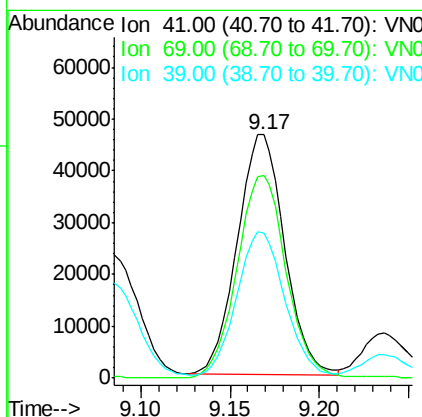
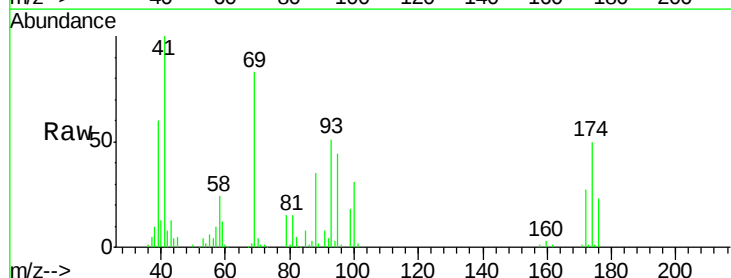
RT: 9.17 min Scan# 2300

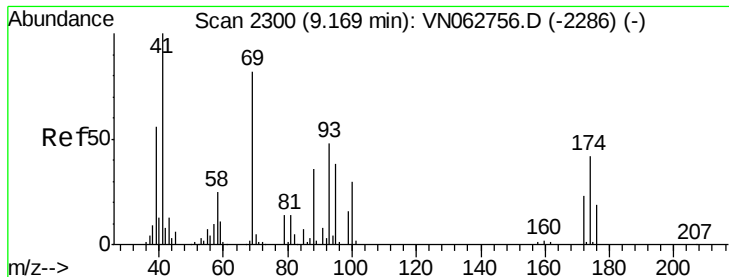
Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion:	41	Resp:	85000
Ion Ratio	Lower	Upper	
41	100		
69	88.9	67.4	101.2
39	63.0	47.6	71.4





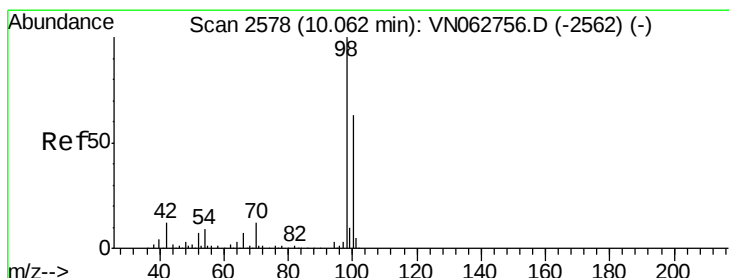
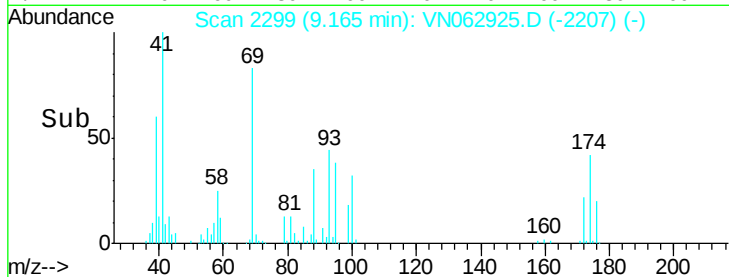
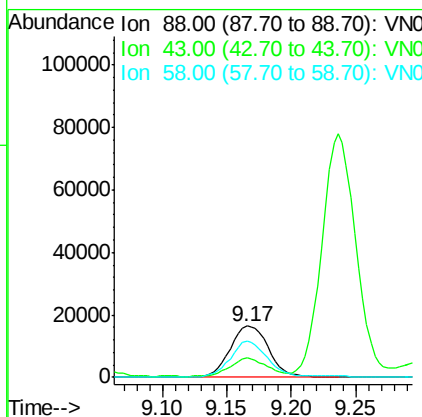
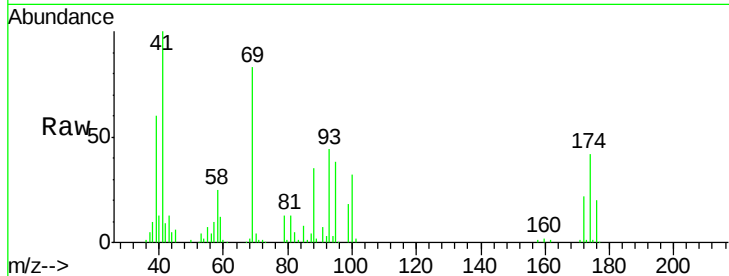
#49
1,4-Dioxane
Concen: 883.928 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.5	44.3
58	67.5	59.8	89.8

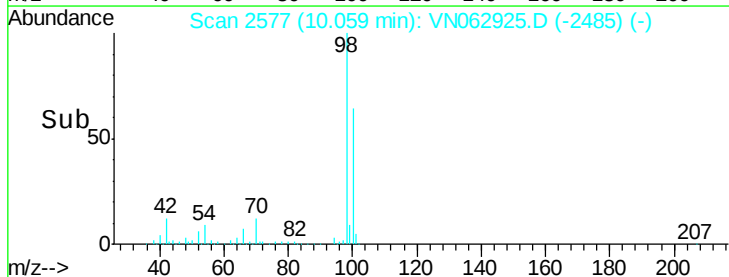
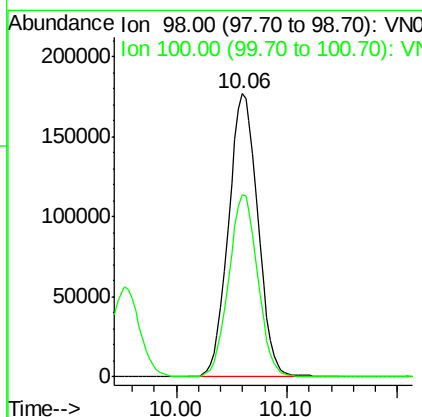
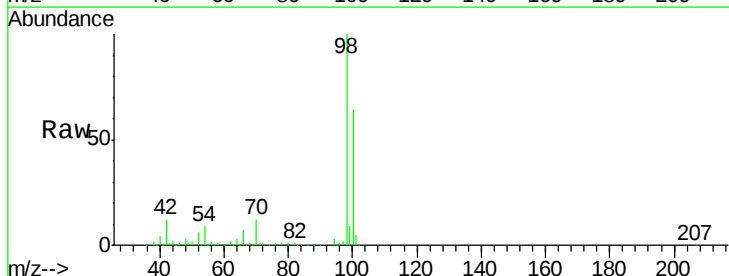
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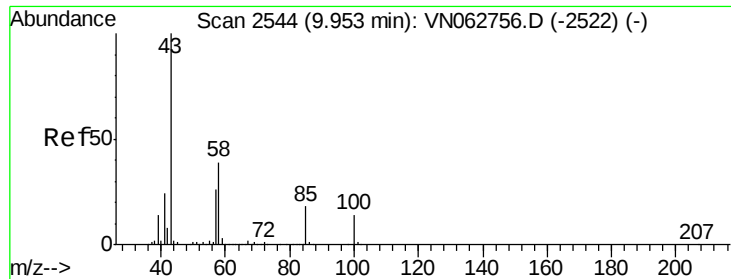
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#50
Toluene-d8
Concen: 48.474 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 244.846 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 678464

Ion Ratio Lower Upper

43 100

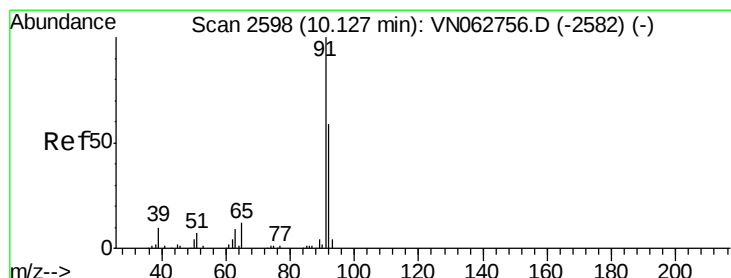
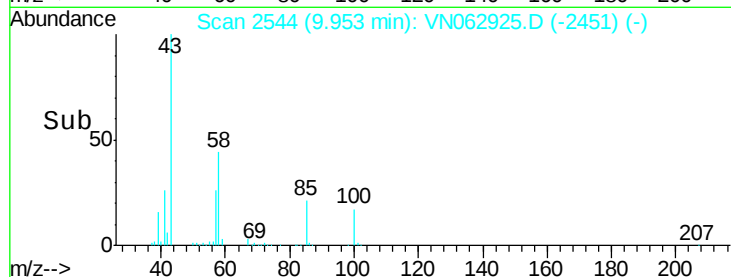
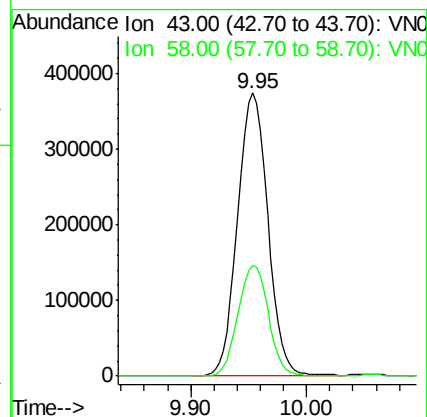
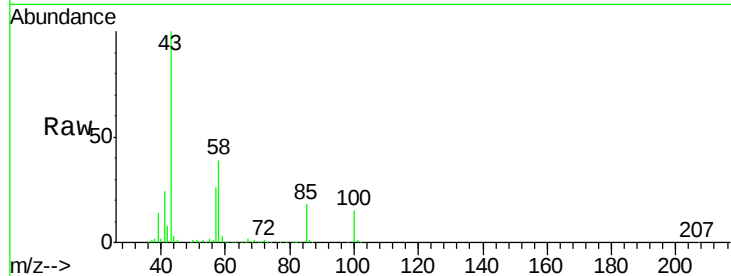
58 39.3 31.1 46.7

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#52

Toluene

Concen: 47.585 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062925.D

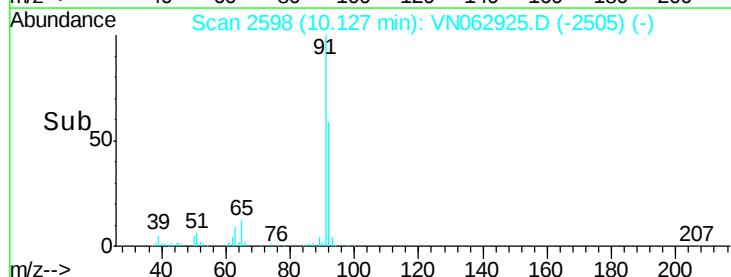
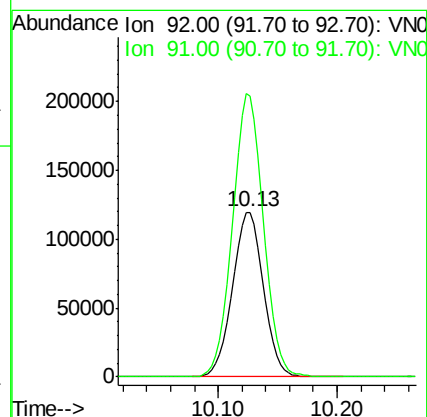
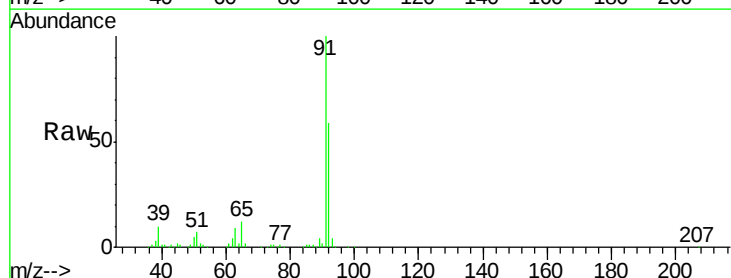
Acq: 13 Aug 2020 21:20

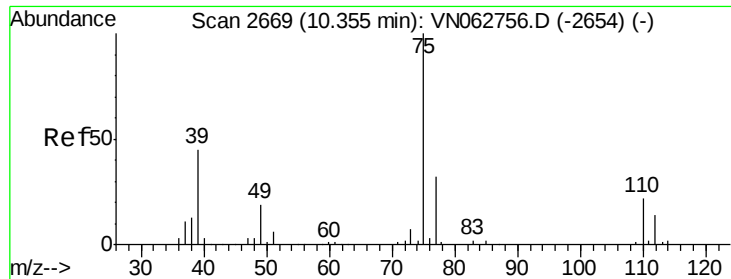
Tgt Ion: 92 Resp: 215498

Ion Ratio Lower Upper

92 100

91 171.3 138.9 208.3





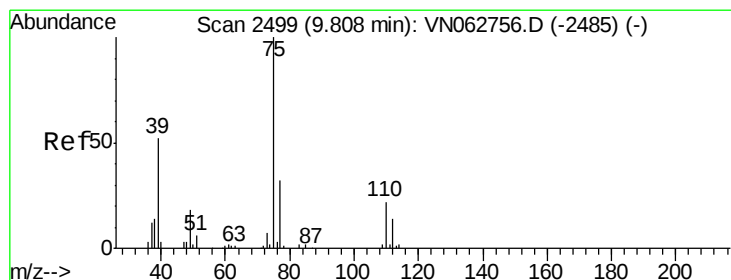
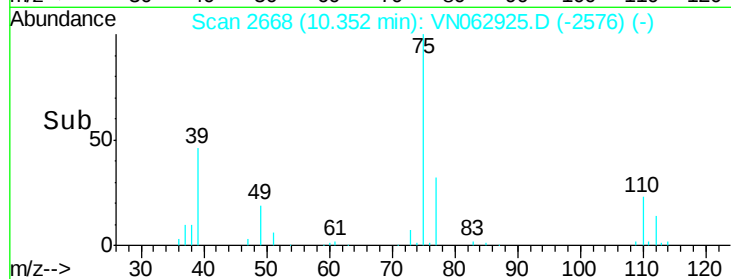
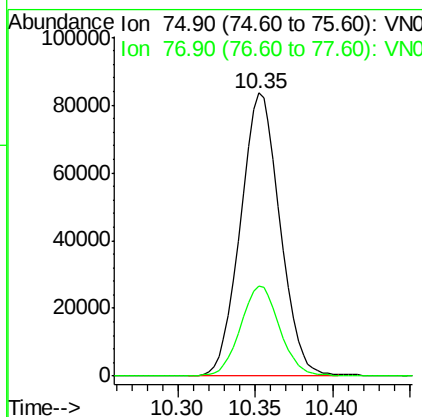
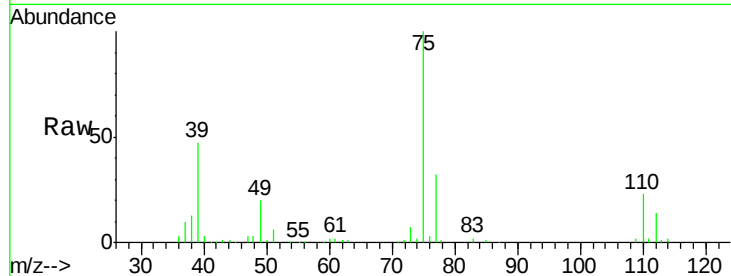
#53
t-1,3-Dichloropropene
Concen: 46.224 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 148533
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

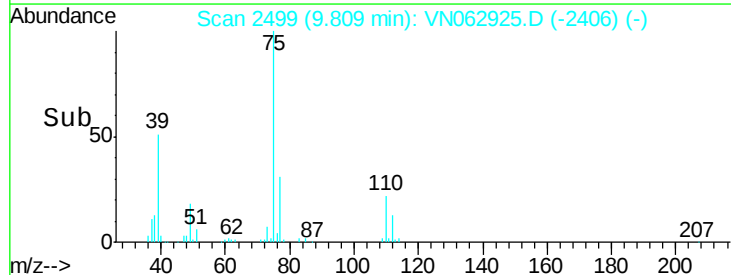
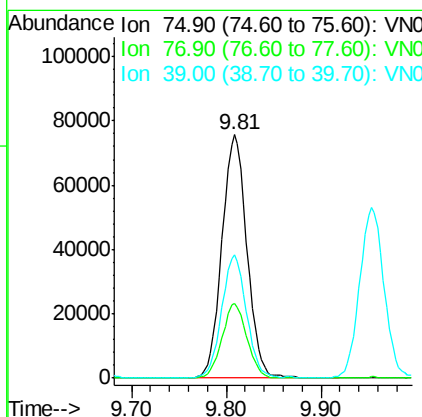
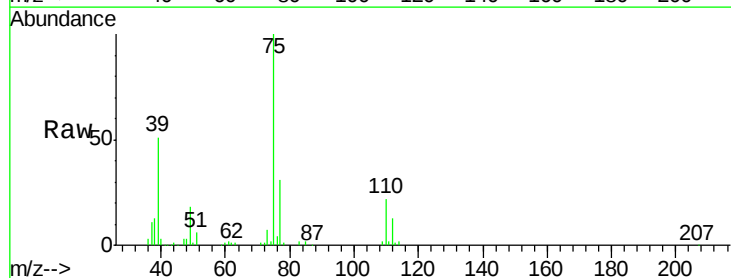
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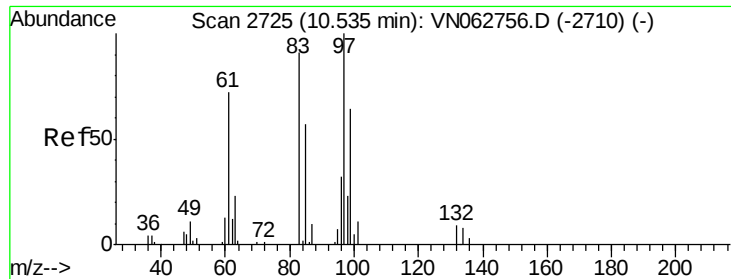
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#54
cis-1,3-Dichloropropene
Concen: 43.126 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 75 Resp: 139137
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 50.5 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 48.900 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

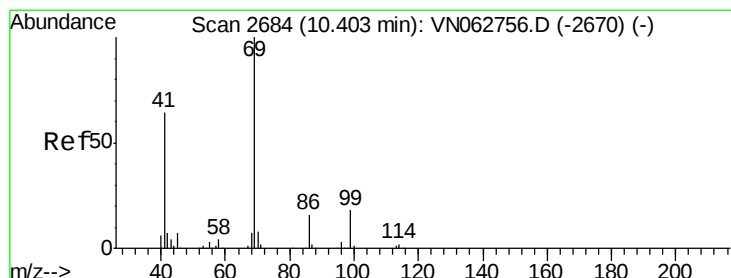
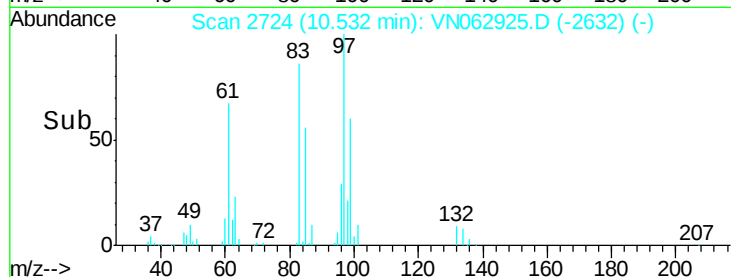
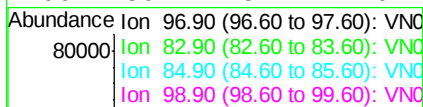
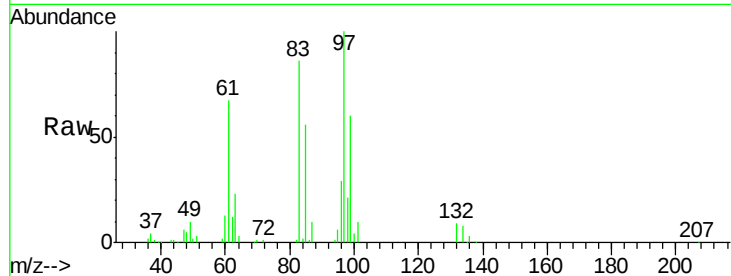
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	94581
Ion	Ratio	Lower	Upper
97	100		
83	86.2	72.6	108.8
85	55.8	46.0	69.0
99	59.7	51.1	76.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.614 ug/l

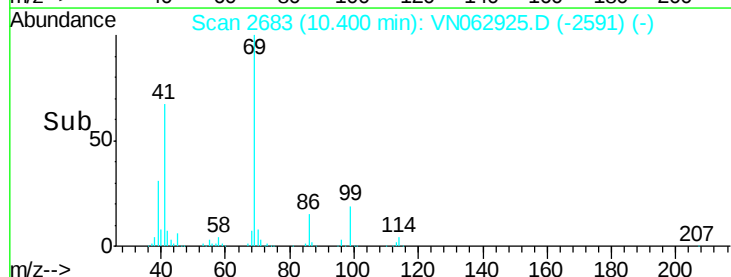
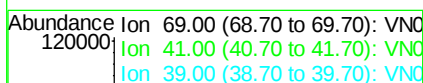
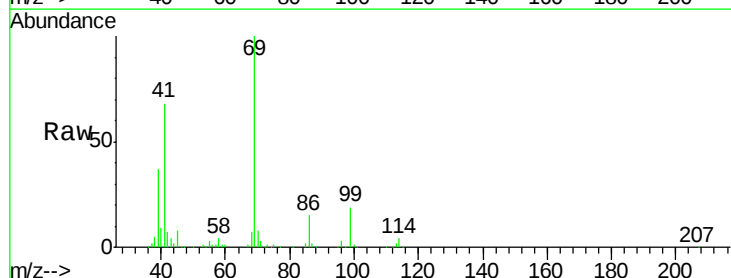
RT: 10.40 min Scan# 2683

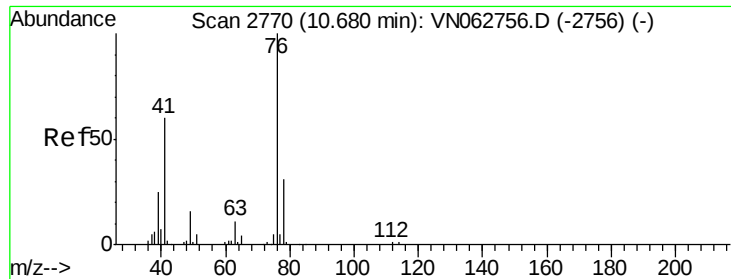
Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion:	69	Resp:	147351
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	36.8	30.9	46.3





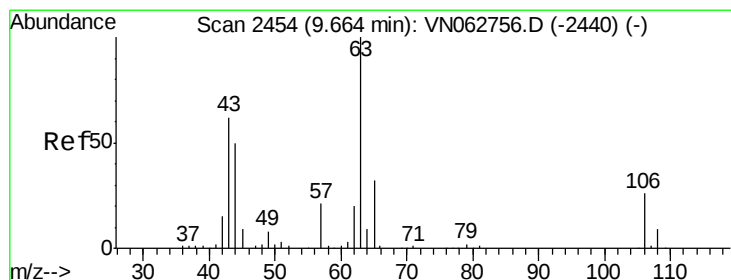
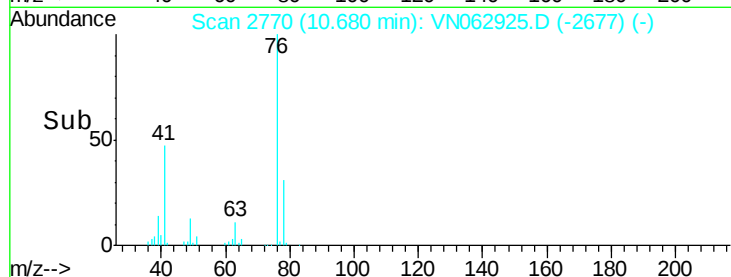
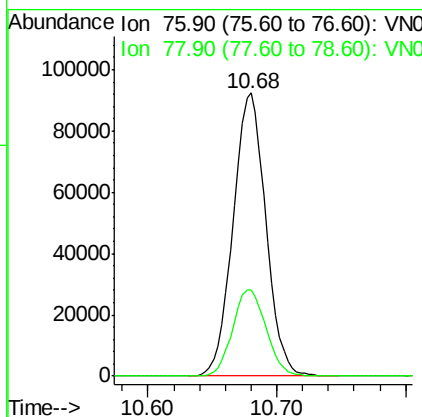
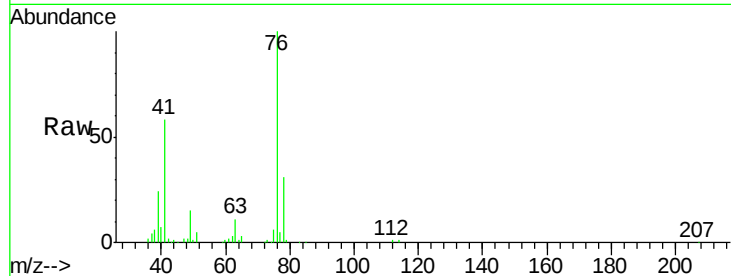
#57
 1,3-Dichloropropane
 Concen: 49.552 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.4	38.0

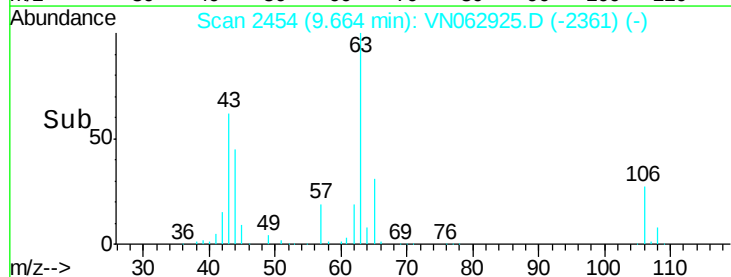
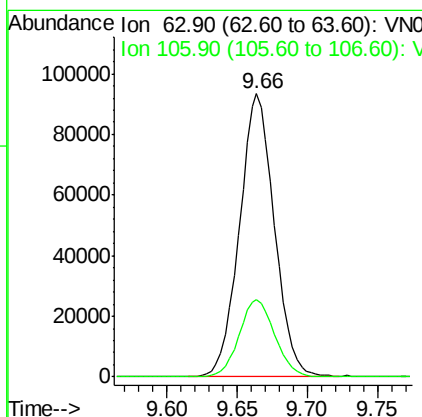
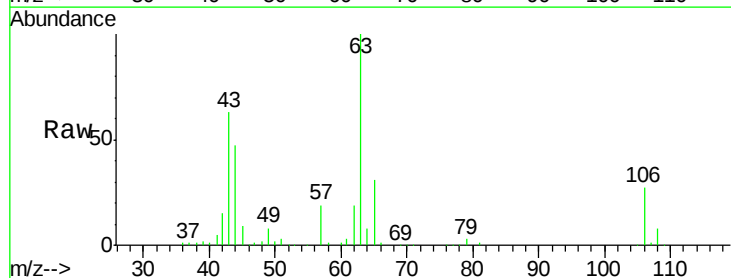
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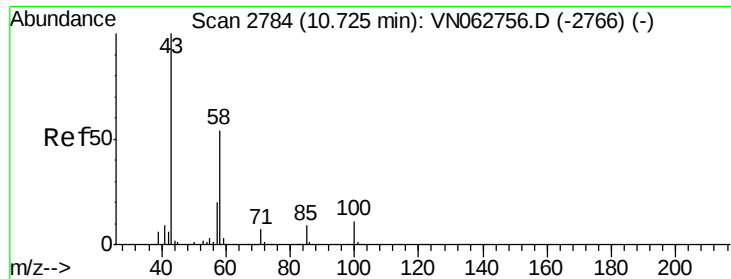
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 8/14/2020 4:49:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 196.695 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	20.9	31.3





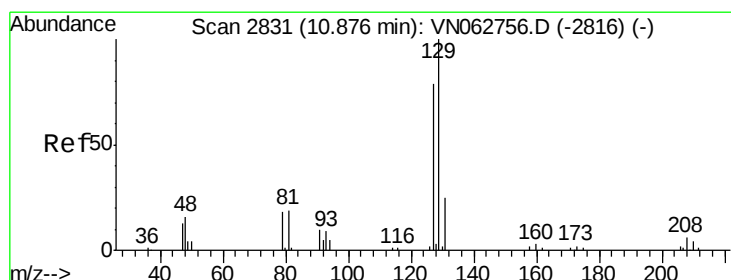
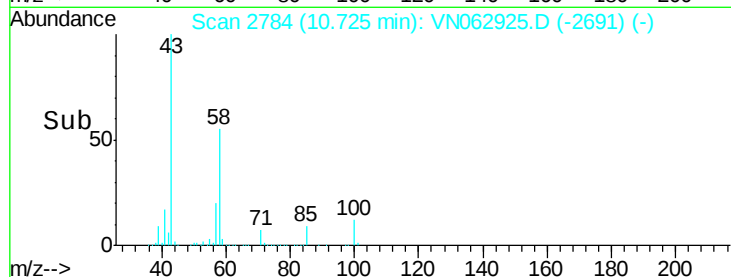
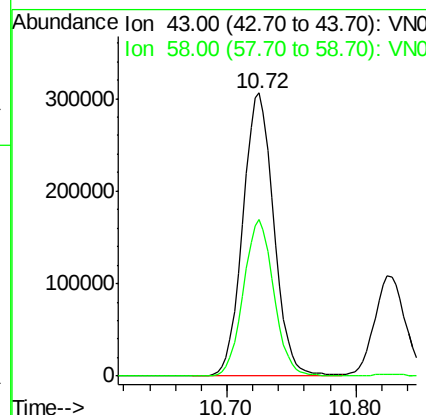
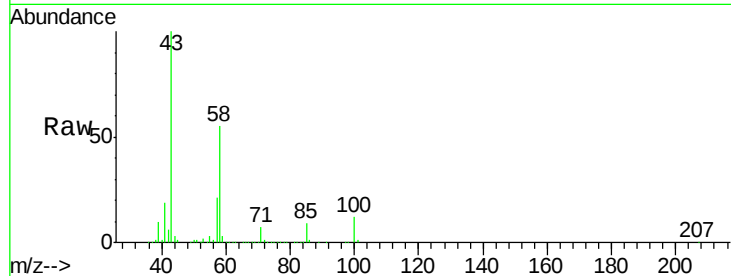
#59
2-Hexanone
Concen: 246.354 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 509213
Ion Ratio Lower Upper
43 100
58 54.4 26.7 80.1

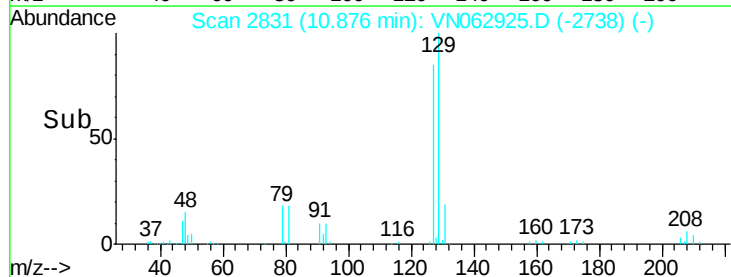
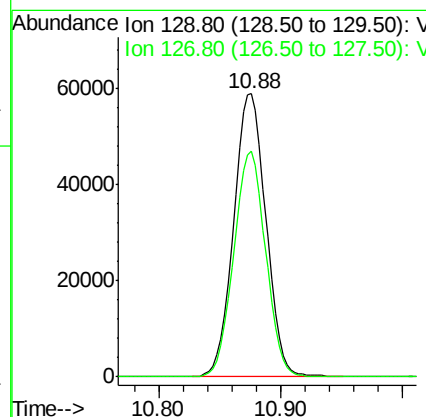
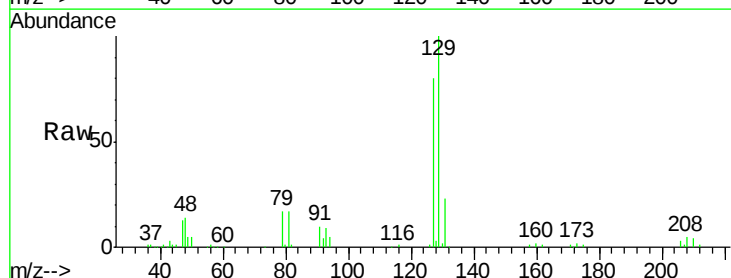
Manual Integrations
APPROVED

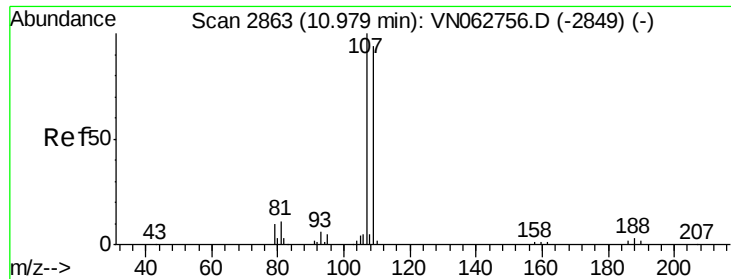
MMDadoda
8/14/2020 4:49:43 PM



#60
Dibromochloromethane
Concen: 49.085 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 129 Resp: 108340
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2





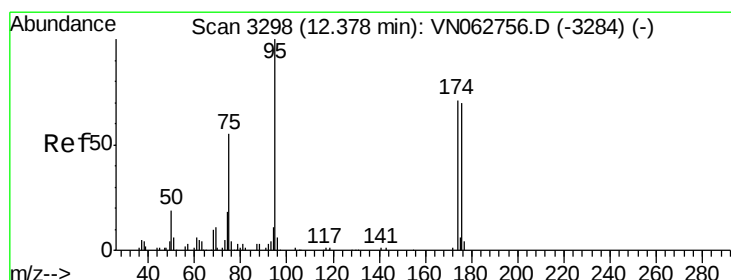
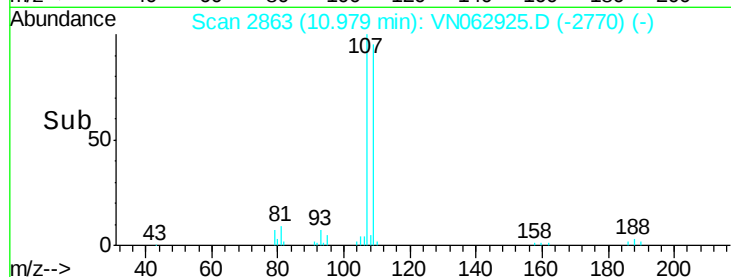
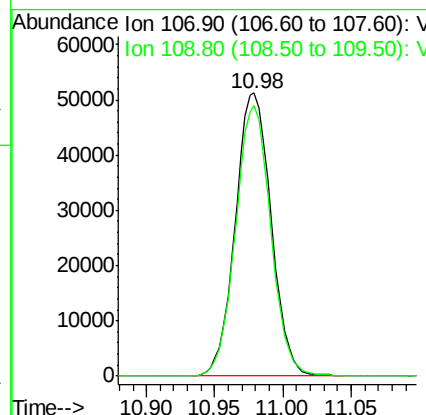
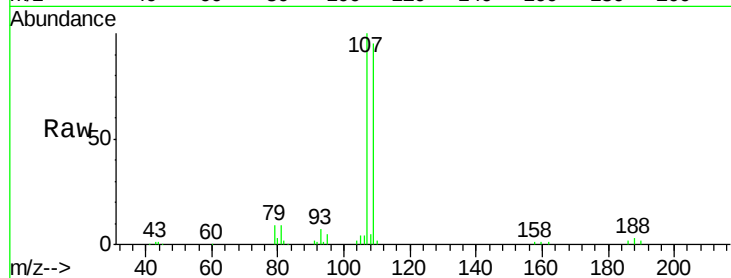
#61
 1,2-Dibromoethane
 Concen: 48.935 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.1	114.1

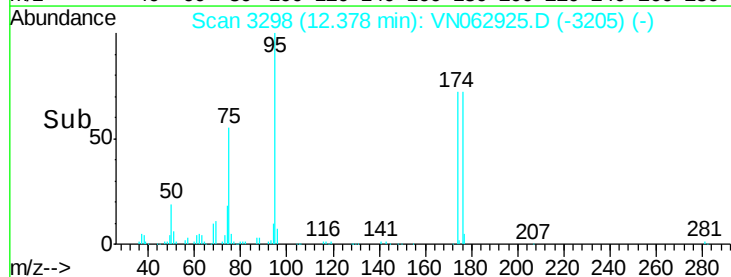
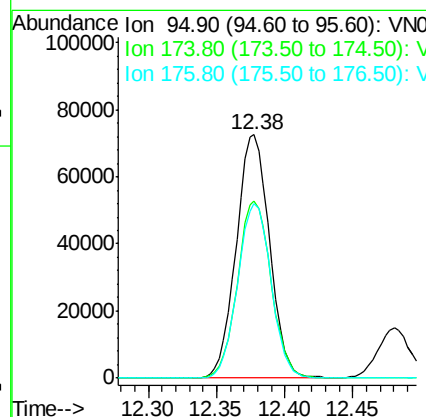
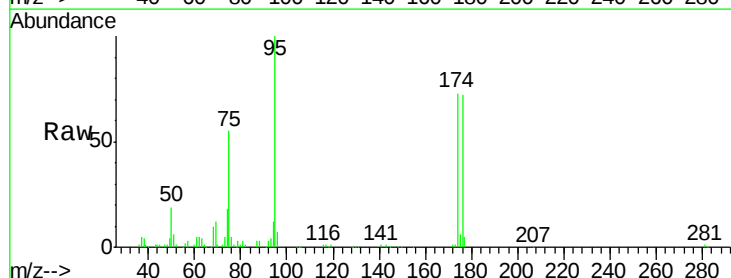
Manual Integrations
 APPROVED

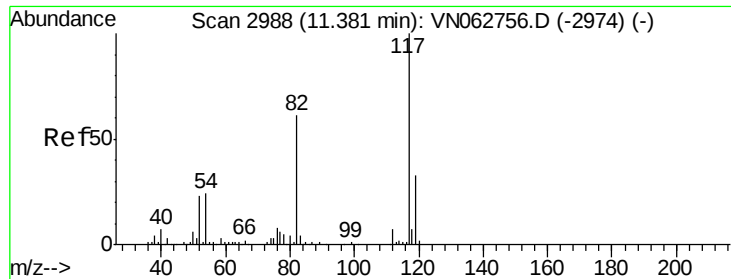
MMDadoda
 8/14/2020 4:49:43 PM



#62
 4-Bromofluorobenzene
 Concen: 48.515 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	144.8
176	71.5	0.0	142.2





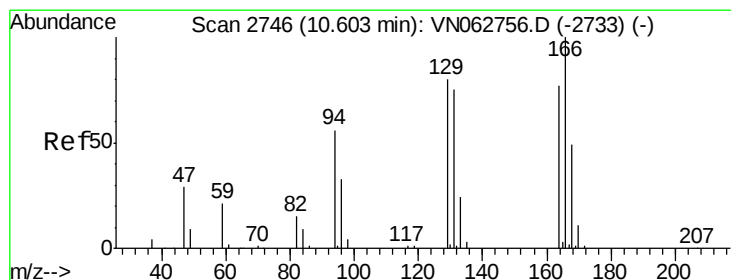
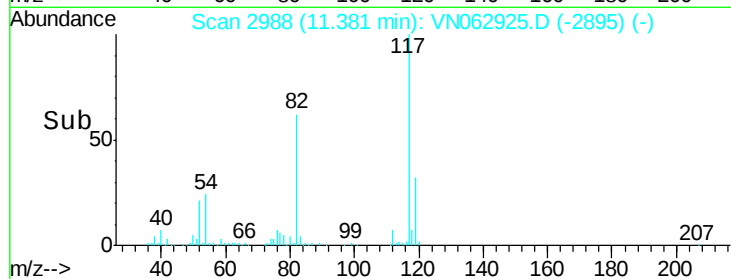
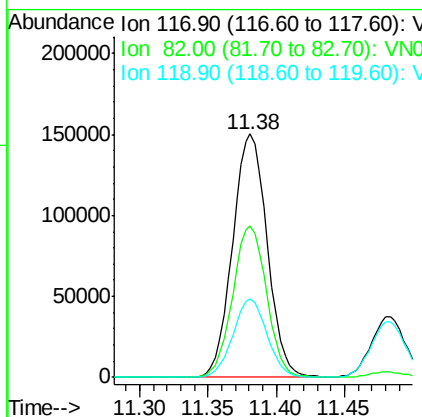
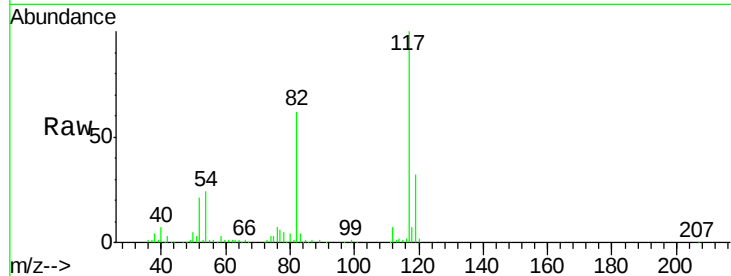
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264900		
82	62.0	49.0	73.4	
119	32.4	26.2	39.2	

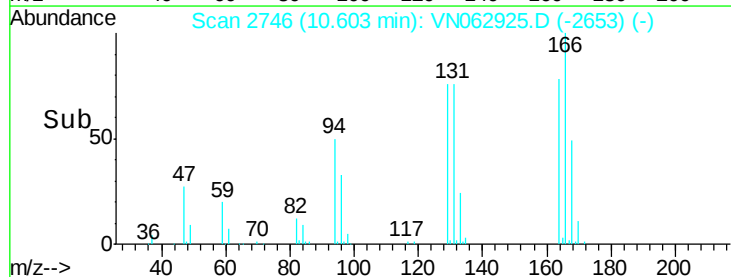
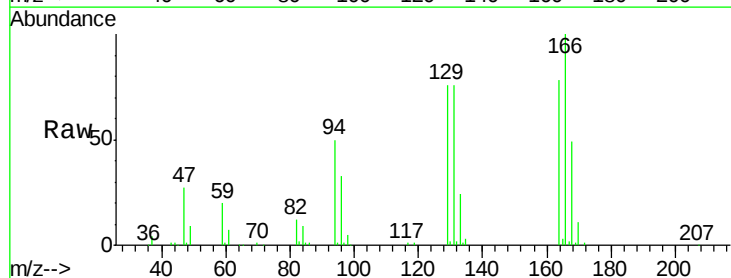
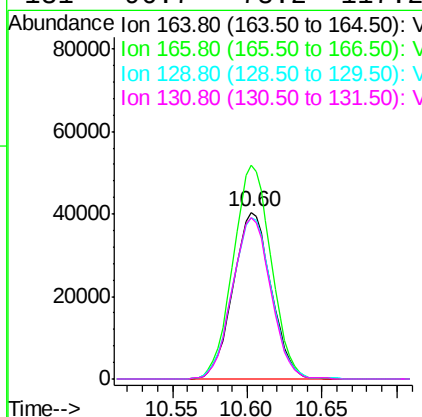
Manual Integrations
APPROVED

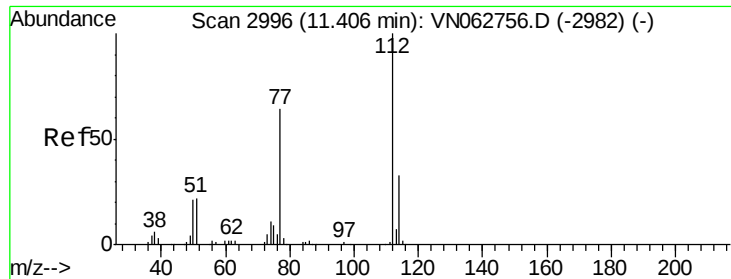
MMDadoda
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#64
Tetrachloroethene
Concen: 41.887 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71592		
166	127.9	103.8	155.8	
129	96.6	82.7	124.1	
131	96.7	78.2	117.2	





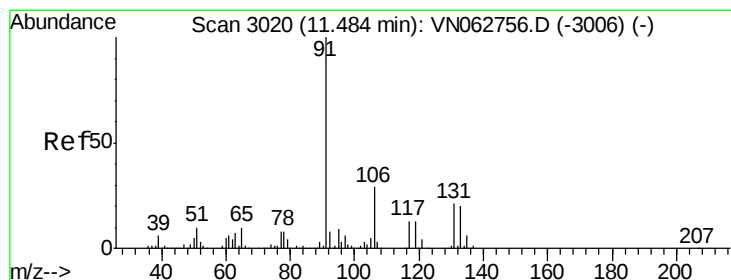
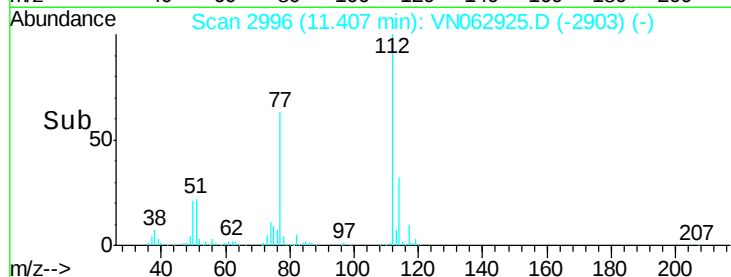
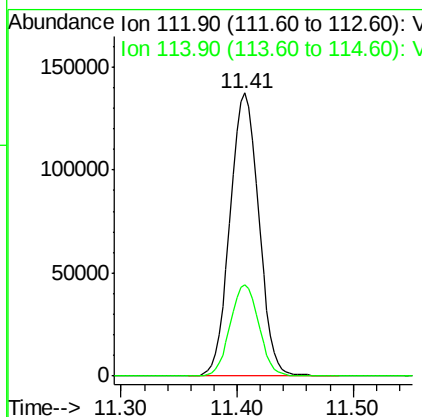
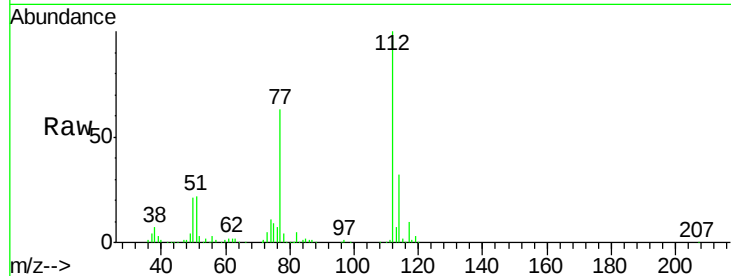
#65
Chlorobenzene
Concen: 42.751 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 236733
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

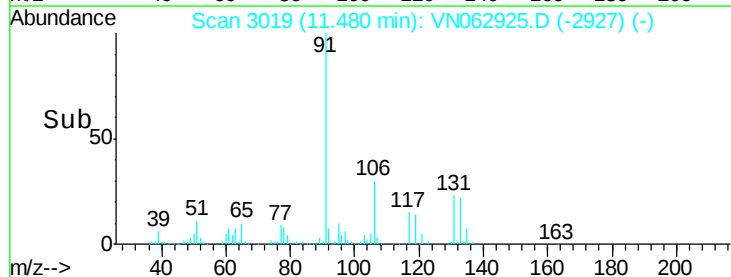
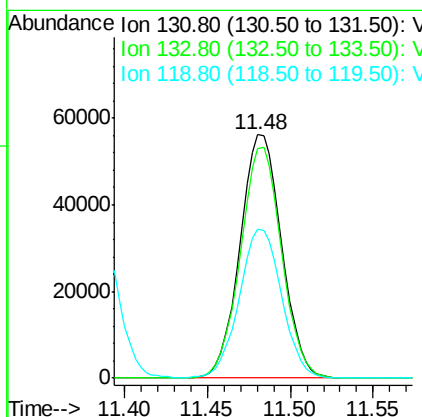
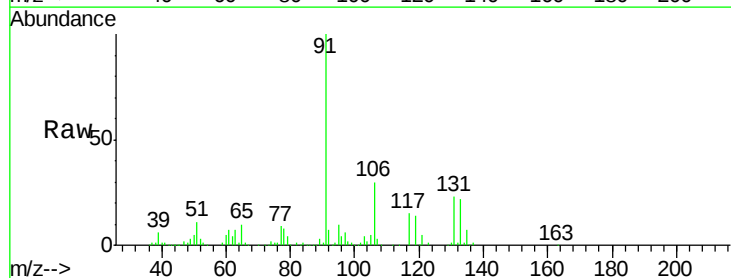
Manual Integrations
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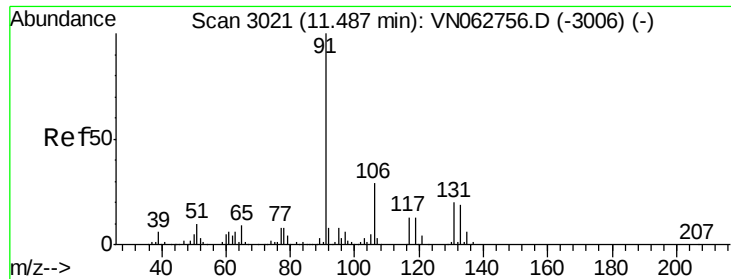
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.043 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion:131 Resp: 97938
Ion Ratio Lower Upper
131 100
133 94.3 48.6 145.8
119 62.4 32.2 96.6





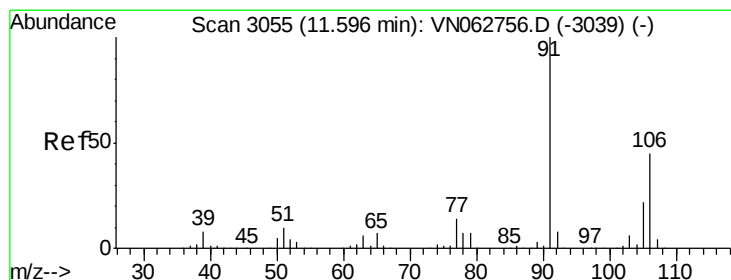
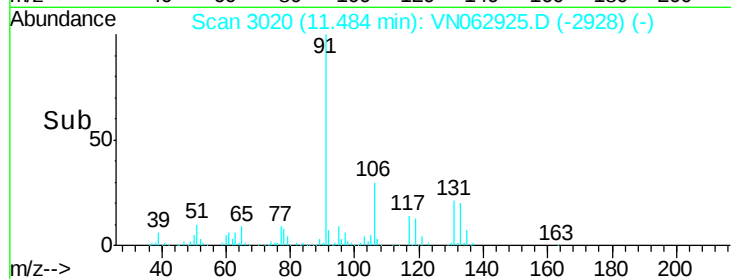
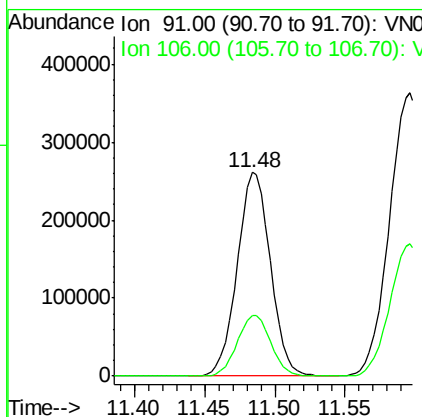
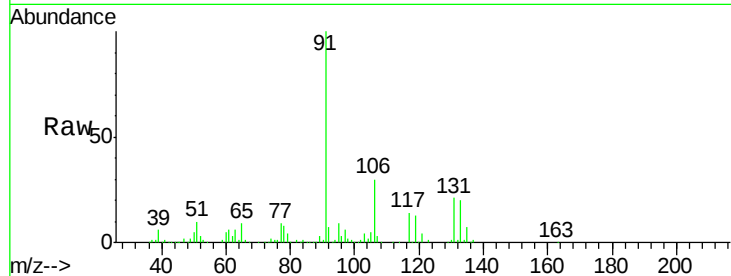
#67
Ethyl Benzene
Concen: 43.601 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	29.9	23.2	34.8	

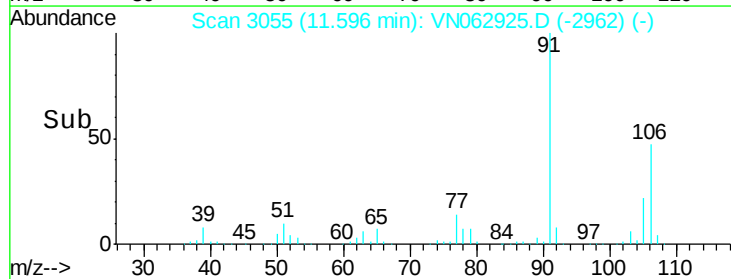
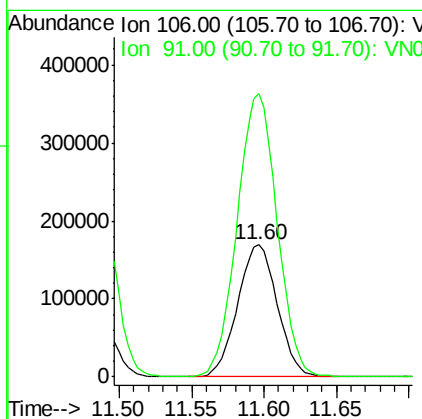
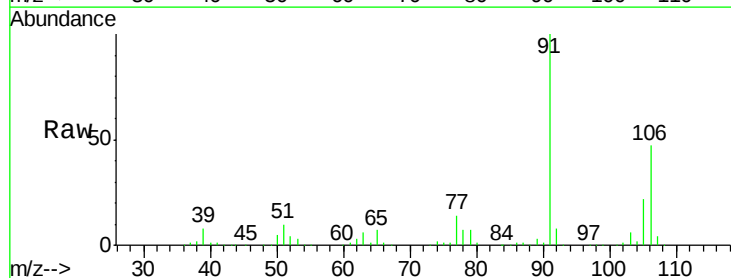
Manual Integrations
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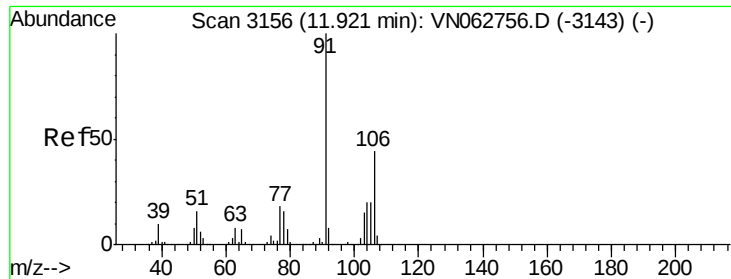
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#68
m/p-Xylenes
Concen: 89.441 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.7	175.9	263.9	





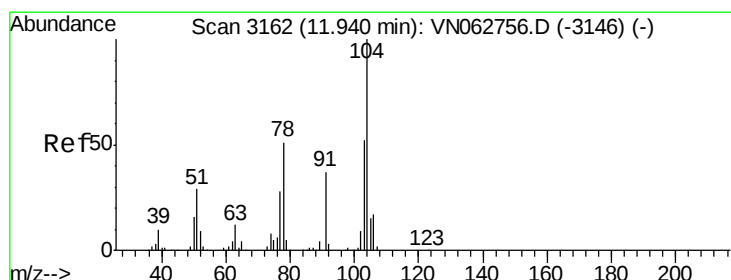
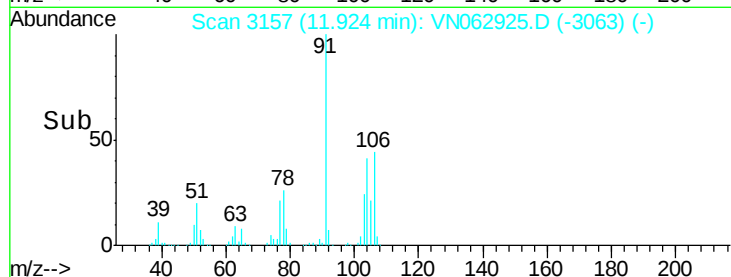
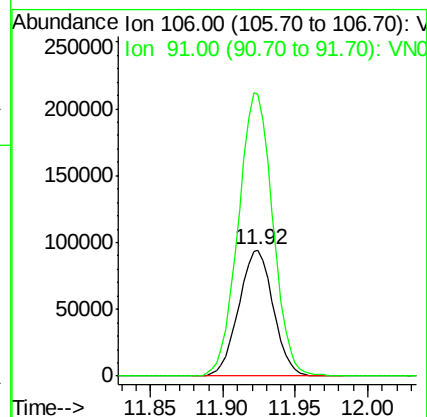
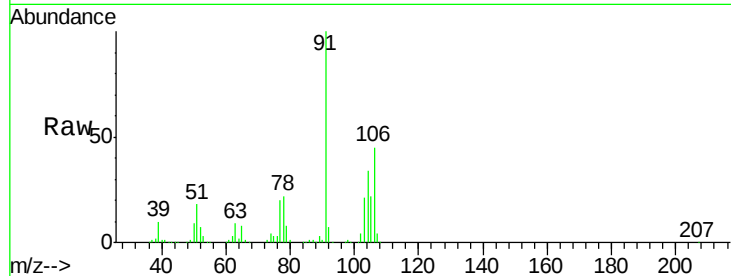
#69
o-Xylene
Concen: 46.499 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.8	115.8	347.4

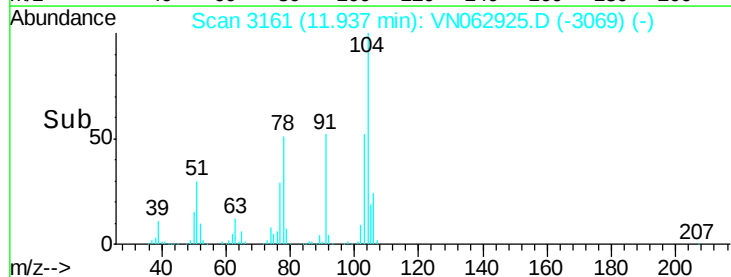
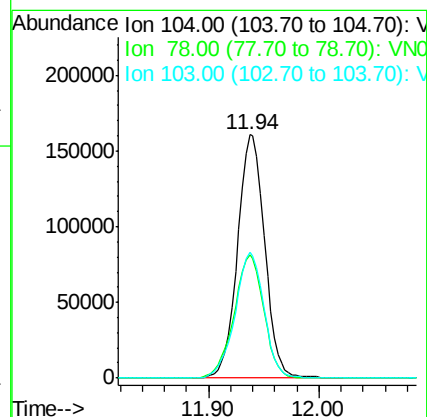
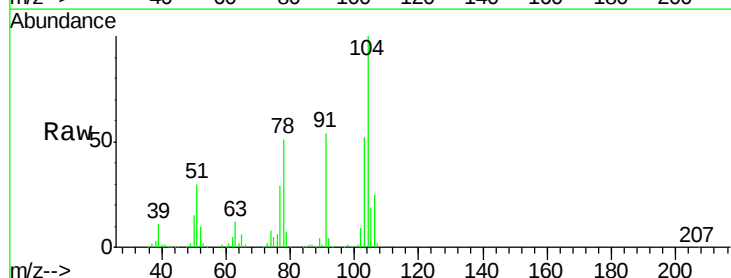
Manual Integrations
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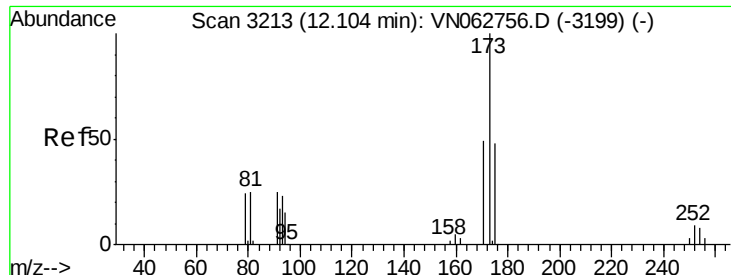
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#70
Styrene
Concen: 46.379 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.4	45.9	68.9
103	54.9	45.1	67.7





#71

Bromoform

Concen: 42.634 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 77568

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

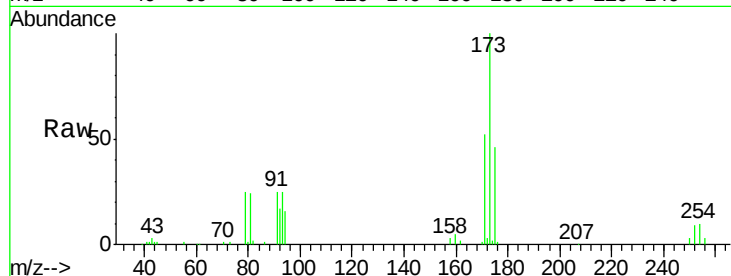
254 0.0 0.0 0.0

Manual Integrations

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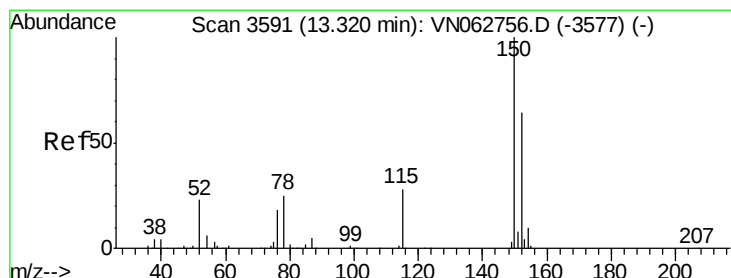
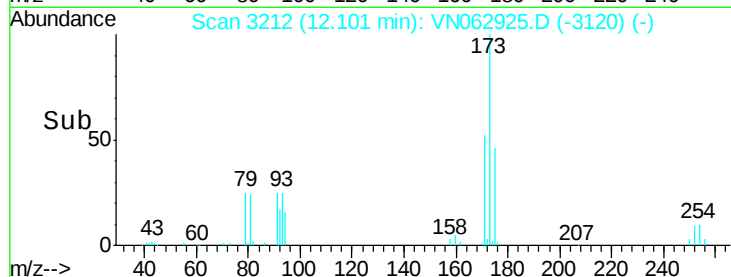
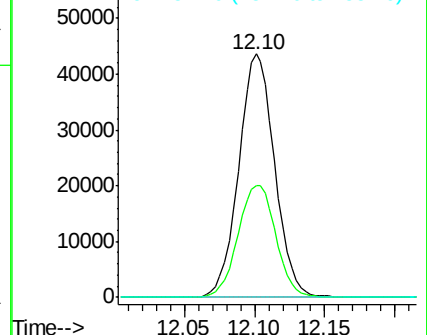
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

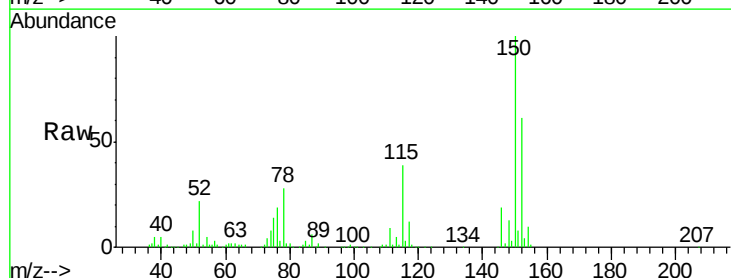
Tgt Ion:152 Resp: 129692

Ion Ratio Lower Upper

152 100

115 63.5 31.6 94.8

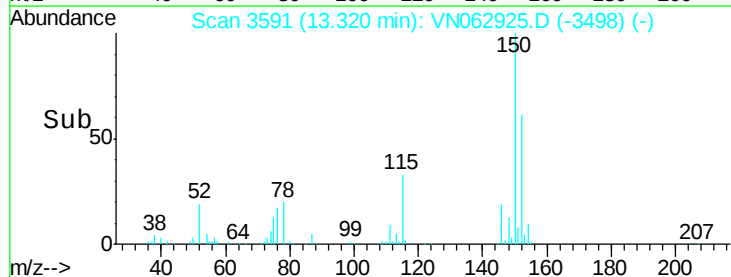
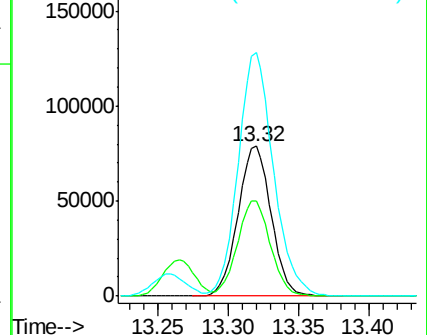
150 172.1 0.0 349.2

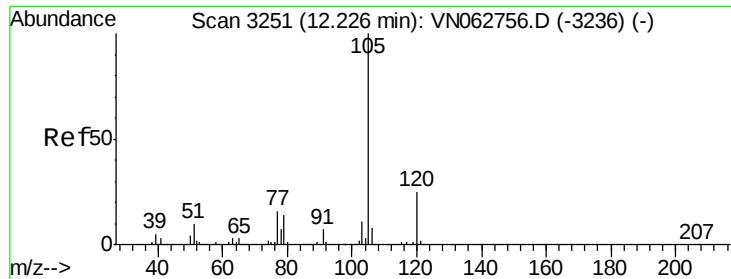


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.045 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 430133

Ion Ratio Lower Upper

105 100

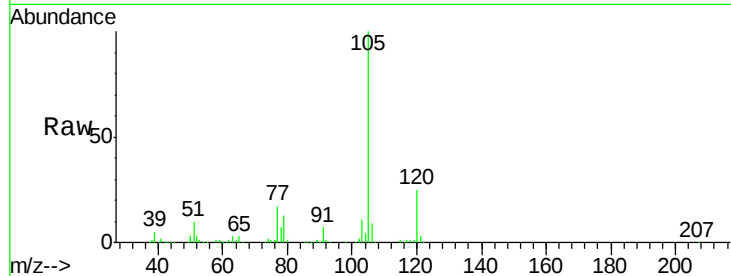
120 25.4 12.6 37.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

250000

200000

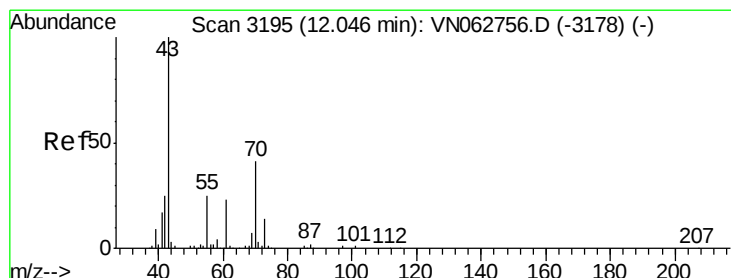
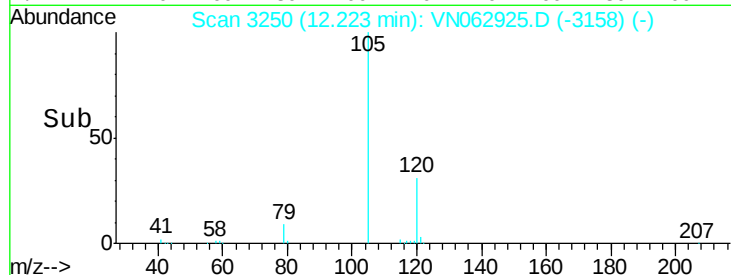
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 45.185 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion: 43 Resp: 178822

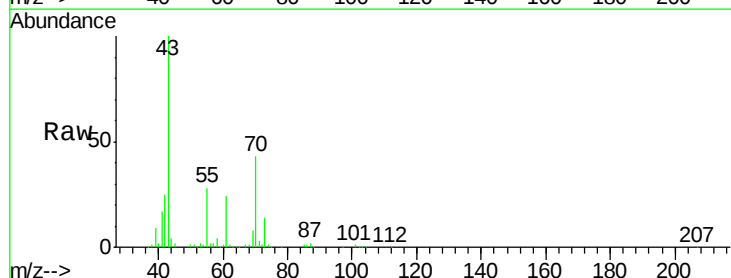
Ion Ratio Lower Upper

43 100

70 42.1 32.3 48.5

55 26.7 20.2 30.2

61 23.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

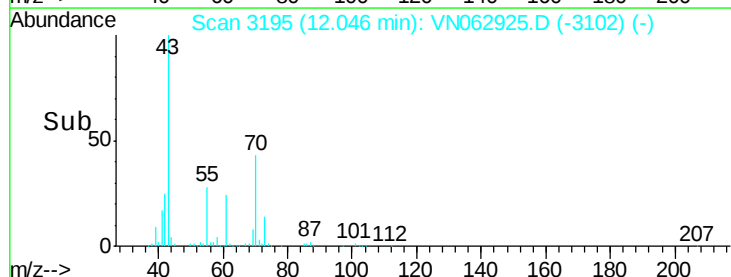
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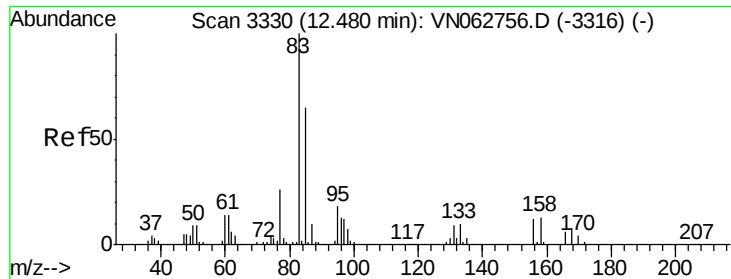
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 42.352 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 145598

Ion Ratio Lower Upper

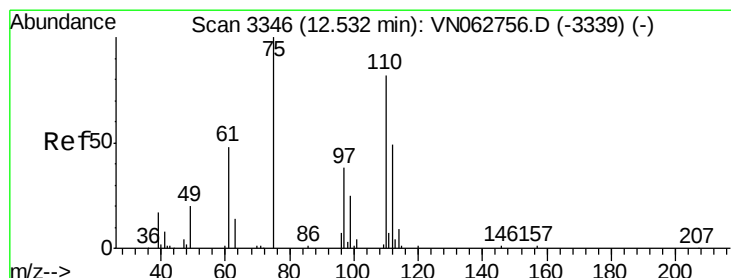
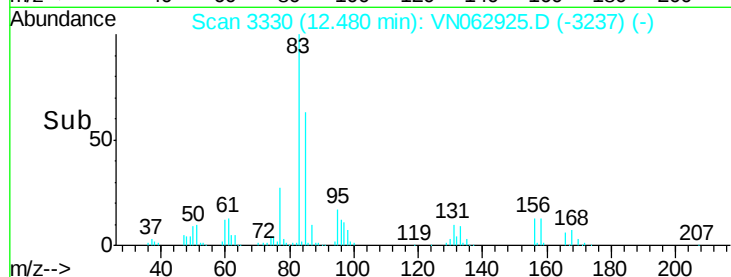
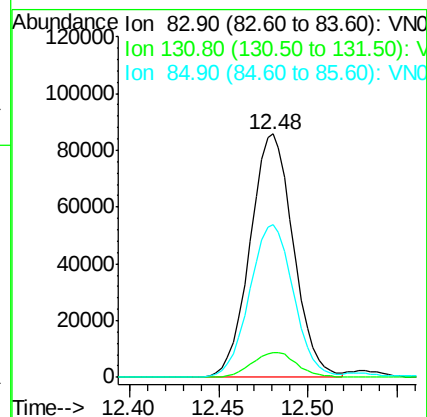
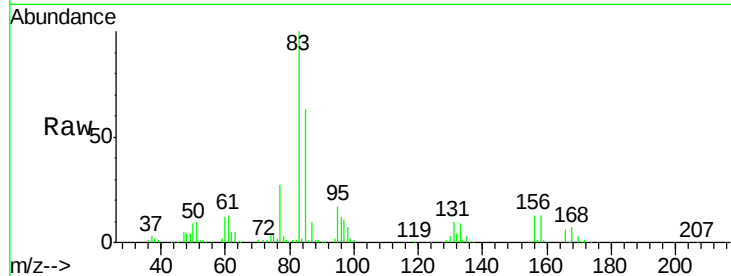
83 100

131 10.7 5.1 15.4

85 63.8 31.9 95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 37.979 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062925.D

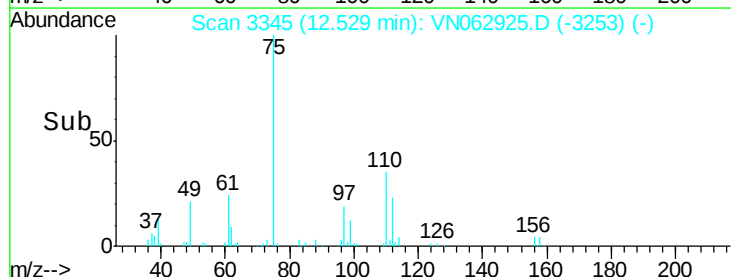
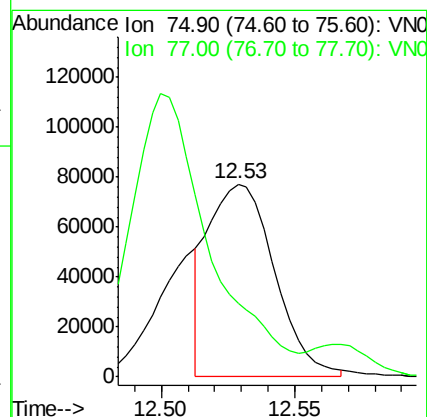
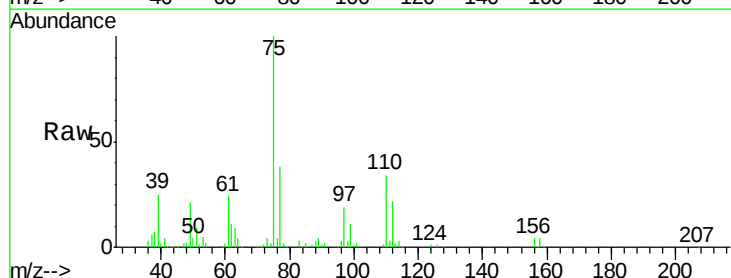
Acq: 13 Aug 2020 21:20

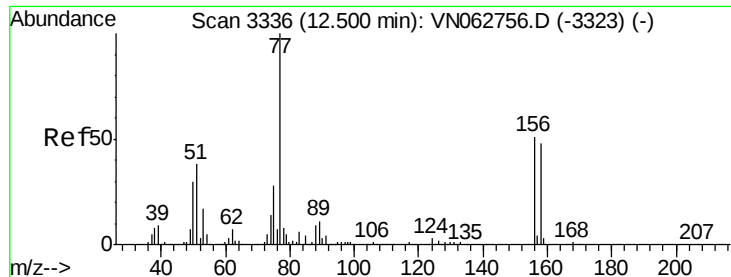
Tgt Ion: 75 Resp: 132837

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.736 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

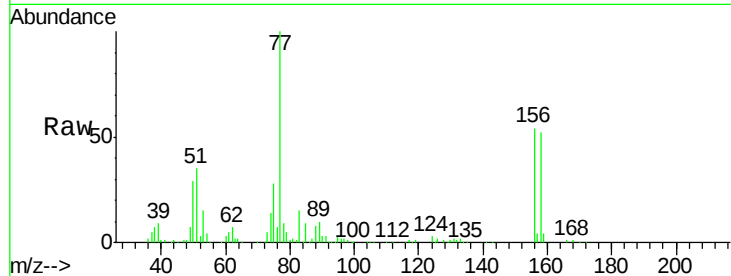
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	103698
Ion Ratio	Lower	Upper	
156	100		
77	227.6	119.7	359.1
158	98.5	48.1	144.3

Manual Integrations
APPROVED

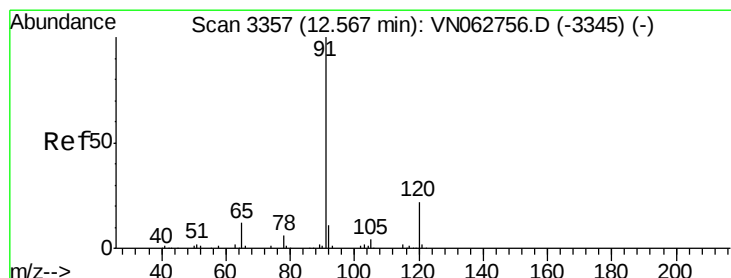
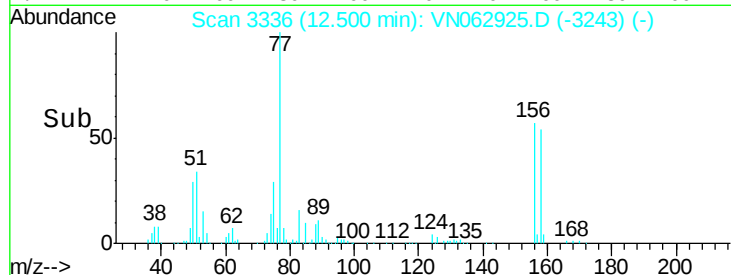
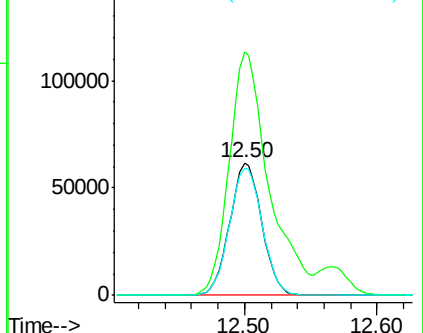
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.518 ug/l

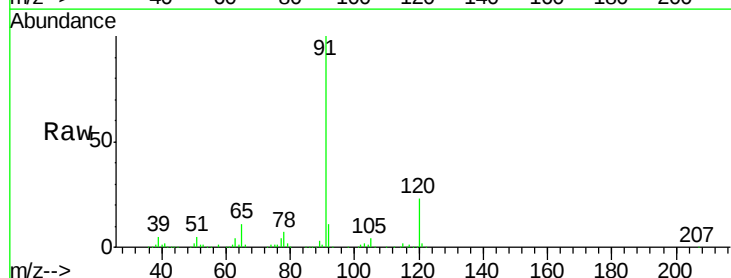
RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062925.D

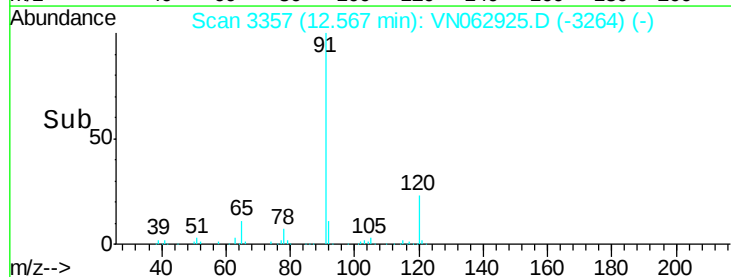
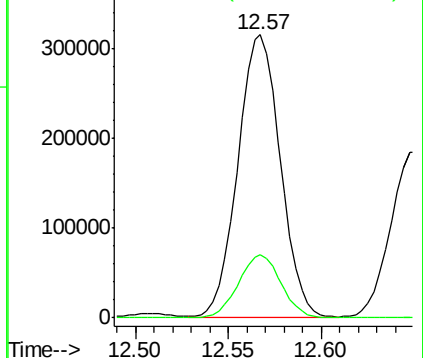
Acq: 13 Aug 2020 21:20

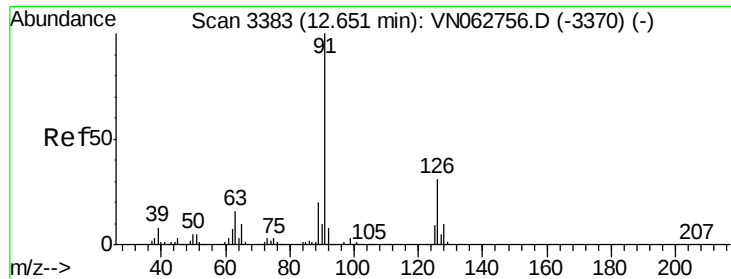
Tgt Ion:	91	Resp:	498868
Ion Ratio	Lower	Upper	
91	100		
120	22.6	10.9	32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.430 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 305014

Ion Ratio Lower Upper

91 100

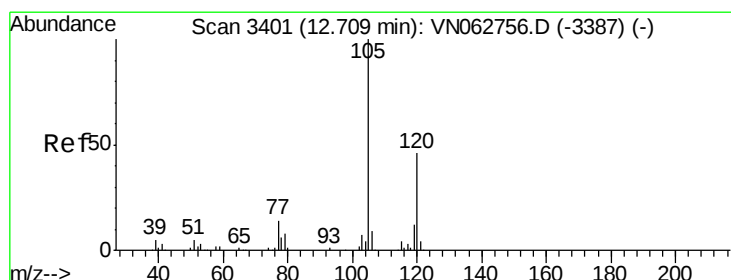
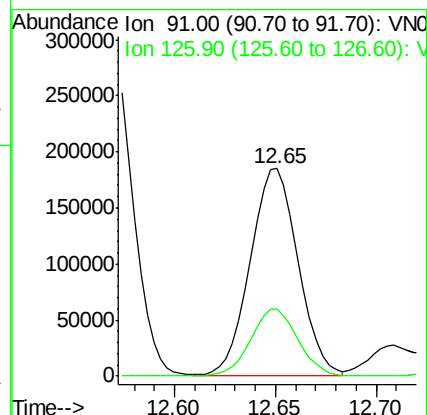
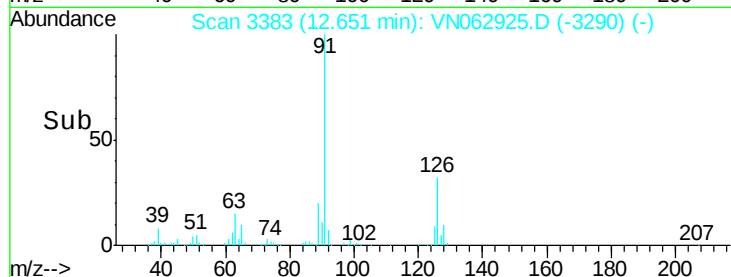
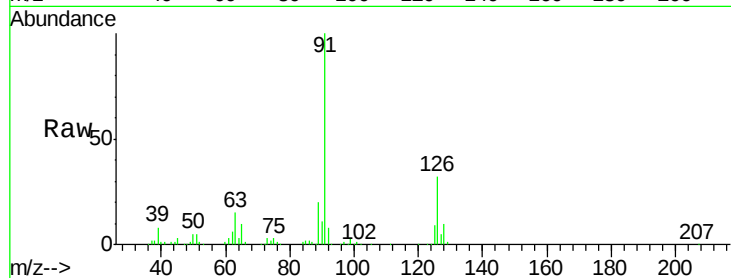
126 32.1 15.6 46.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 45.616 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062925.D

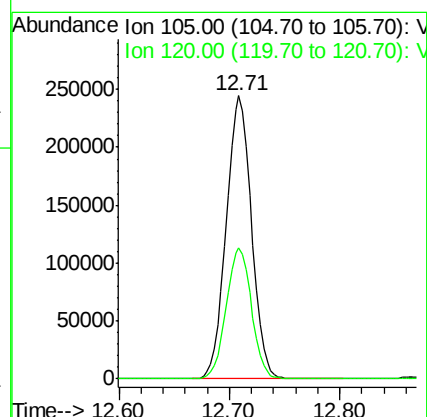
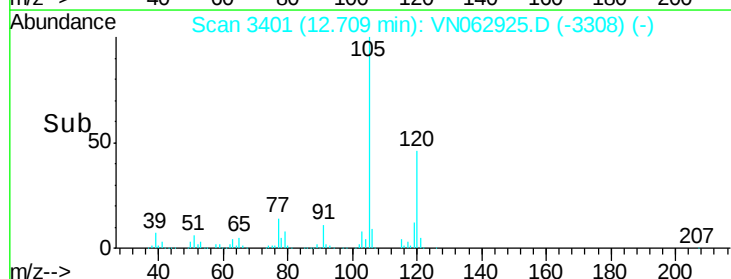
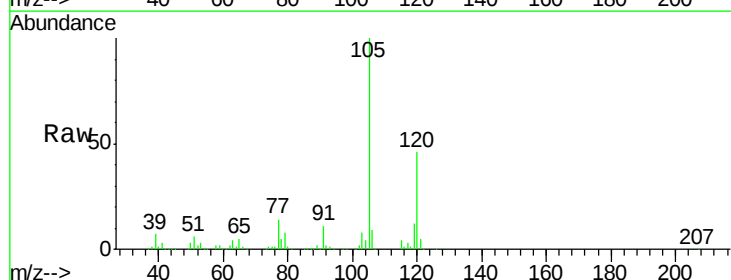
Acq: 13 Aug 2020 21:20

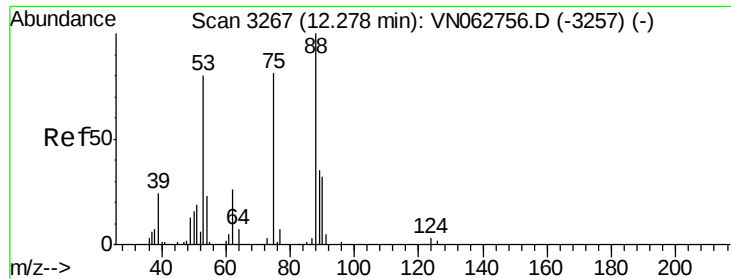
Tgt Ion: 105 Resp: 386471

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.5





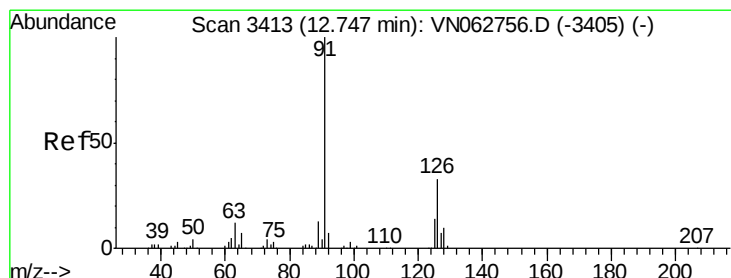
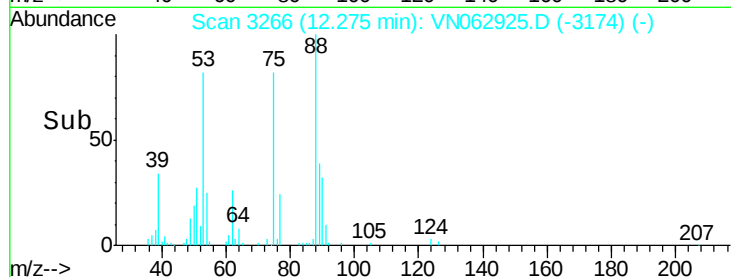
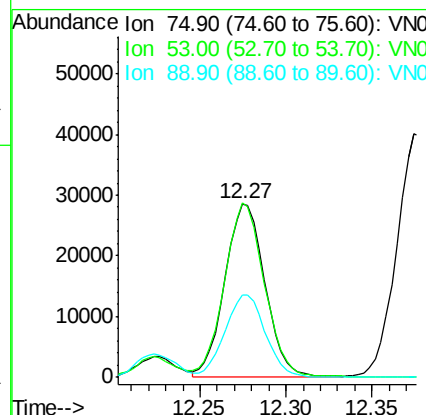
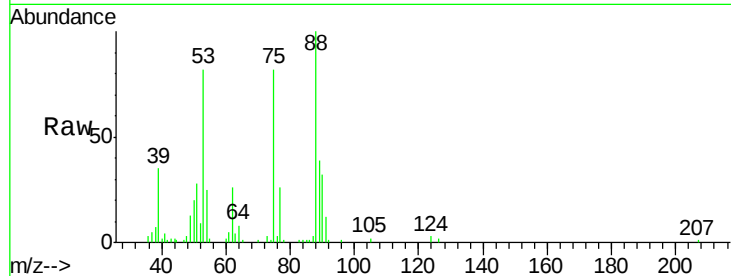
#81
trans-1,4-Dichloro-2-butene
Concen: 40.768 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.7	79.1	118.7
89	47.8	36.2	54.2

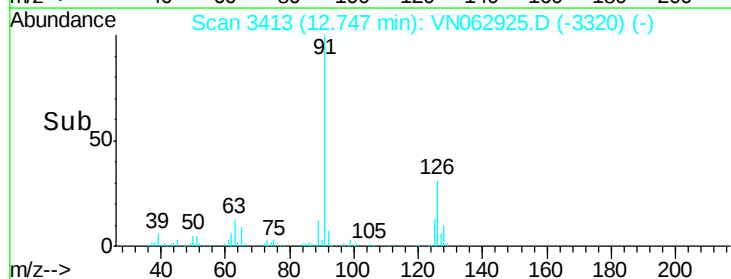
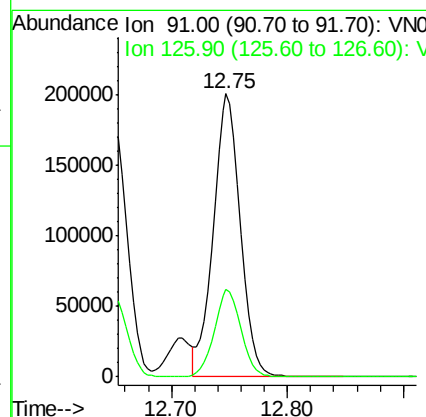
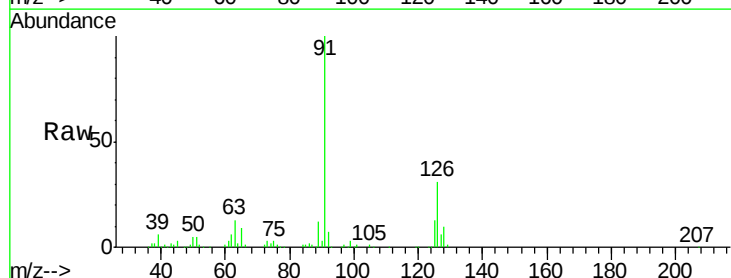
Manual Integrations
APPROVED

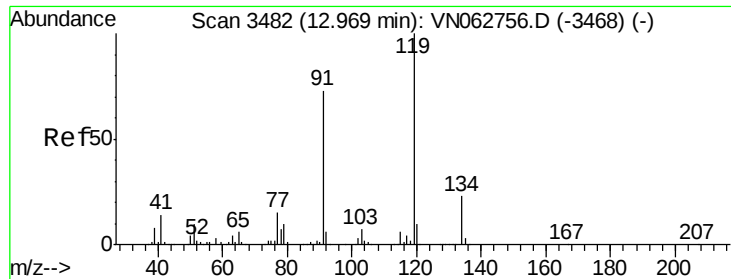
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#82
4-Chlorotoluene
Concen: 44.046 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.9





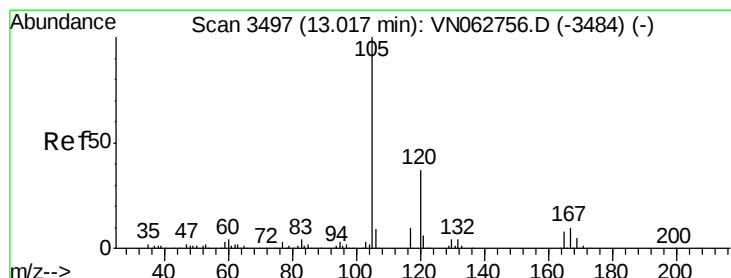
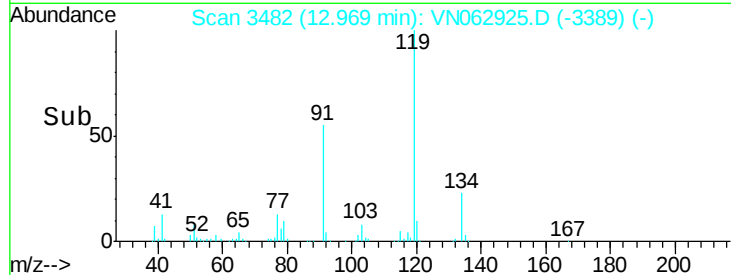
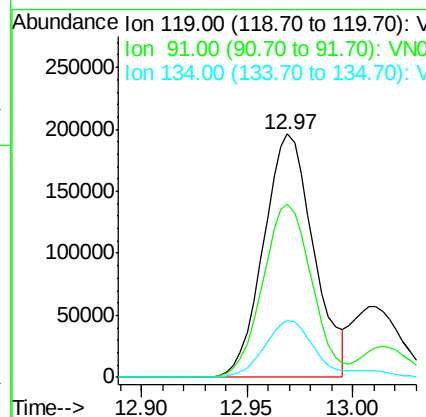
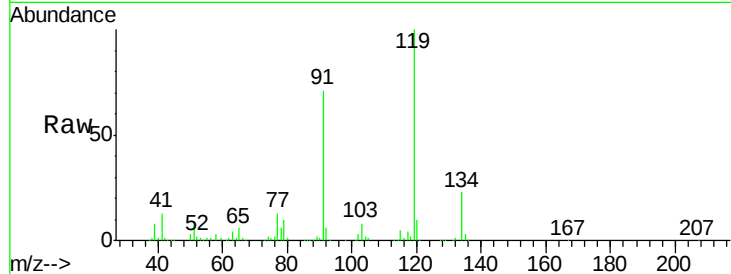
#83
 tert-Butylbenzene
 Concen: 45.194 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.1	36.5	109.5
134	23.0	11.3	33.8

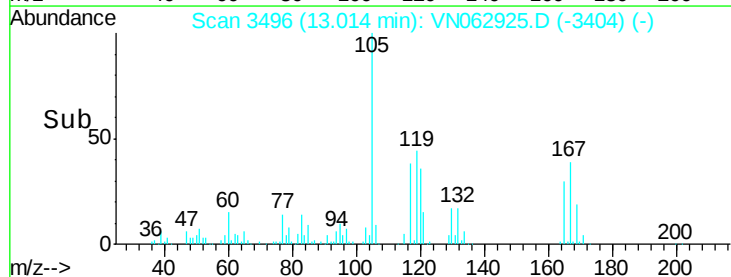
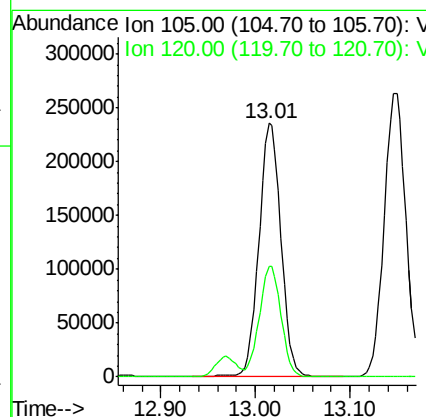
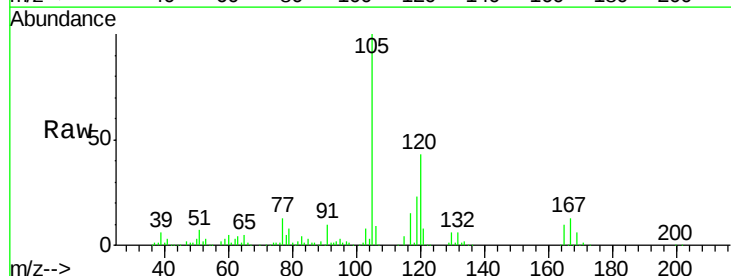
Manual Integrations
 APPROVED

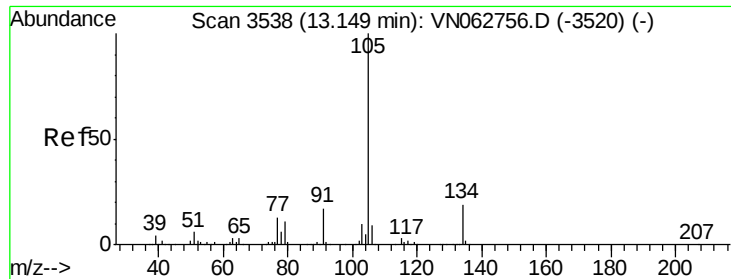
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.119 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.4	64.2





#85

sec-Butylbenzene

Concen: 44.686 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 420684

Ion Ratio Lower Upper

105 100

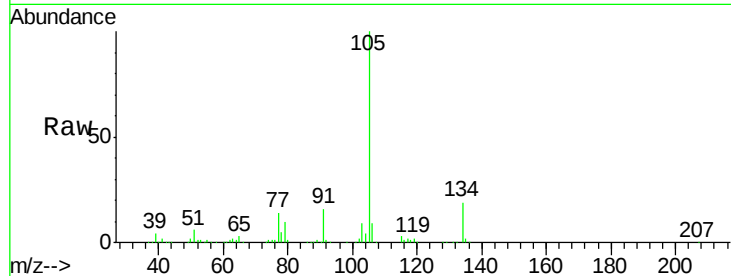
134 19.3 9.6 28.6

Manual Integrations

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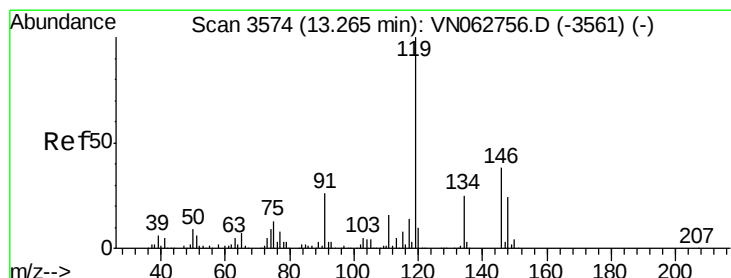
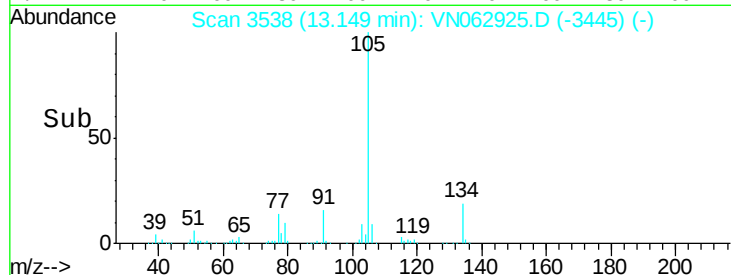
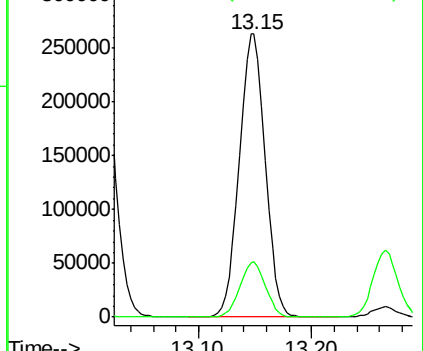
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.202 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

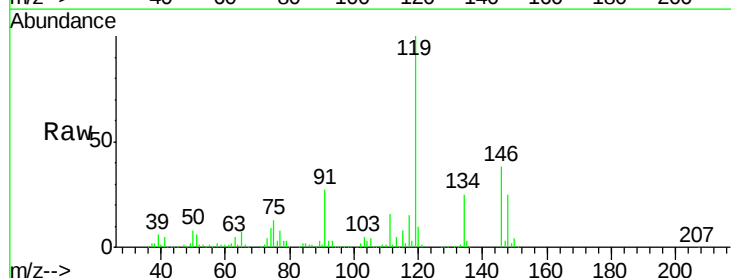
Tgt Ion:119 Resp: 377728

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

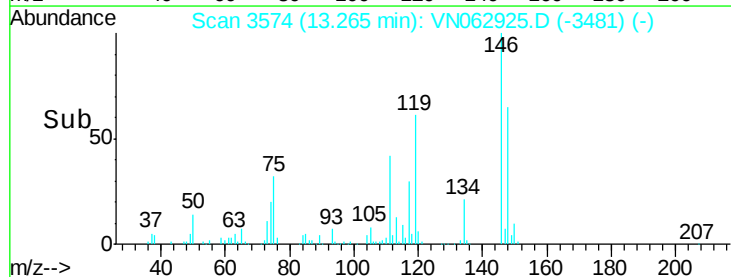
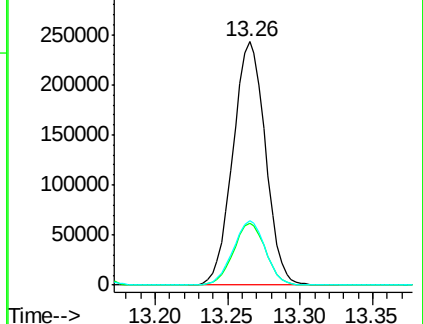
91 26.0 13.4 40.2

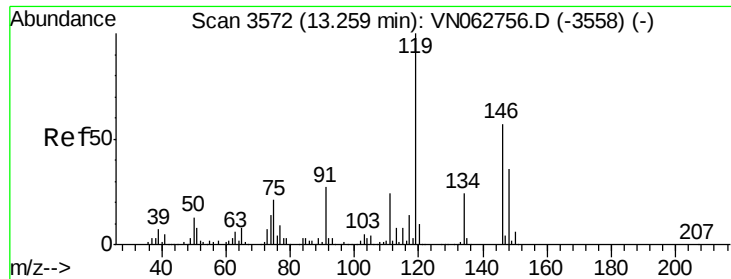


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





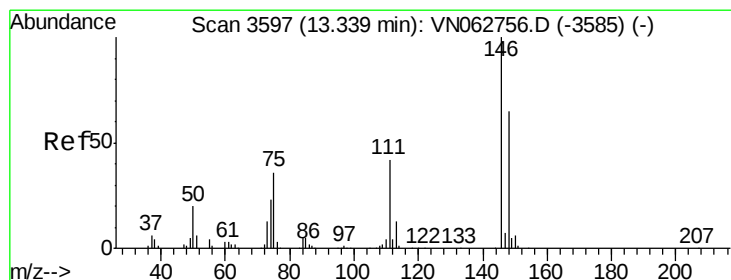
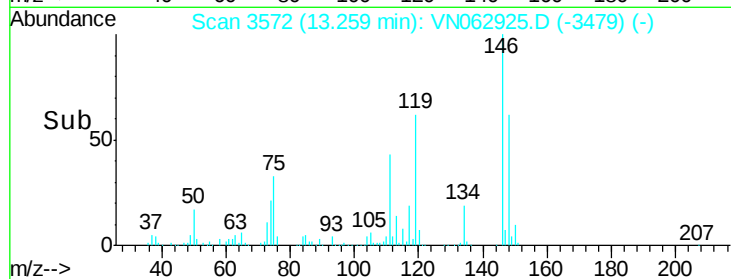
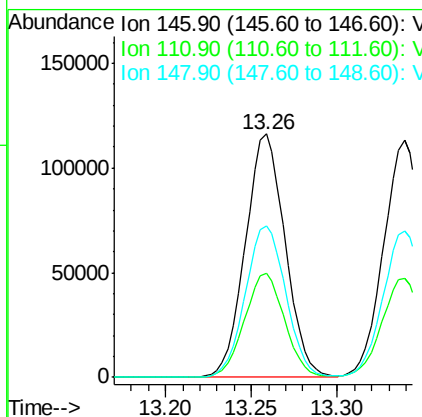
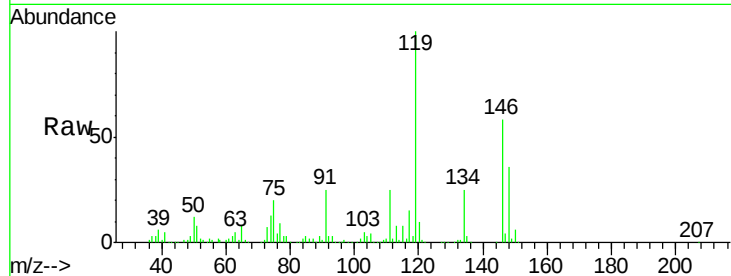
#87
 1,3-Dichlorobenzene
 Concen: 43.206 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	63.2	31.4	94.2

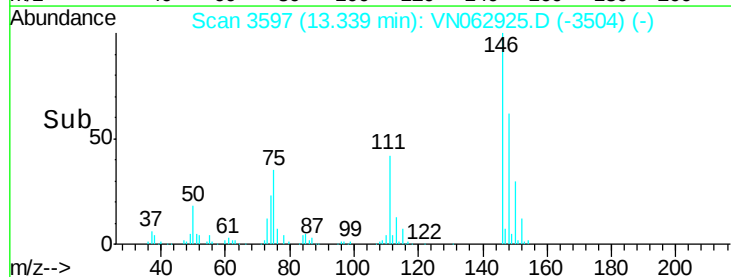
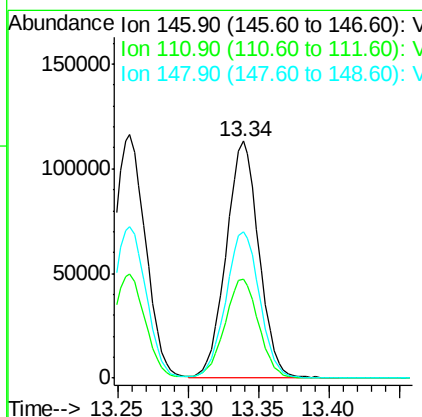
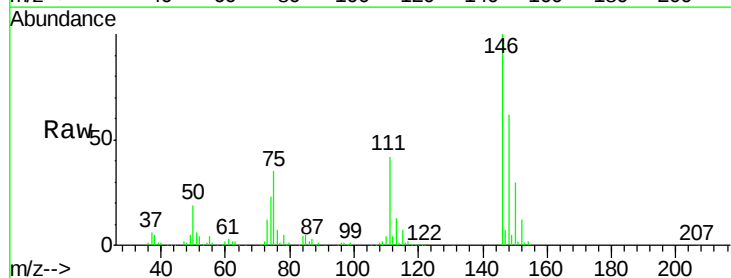
Manual Integrations
 APPROVED

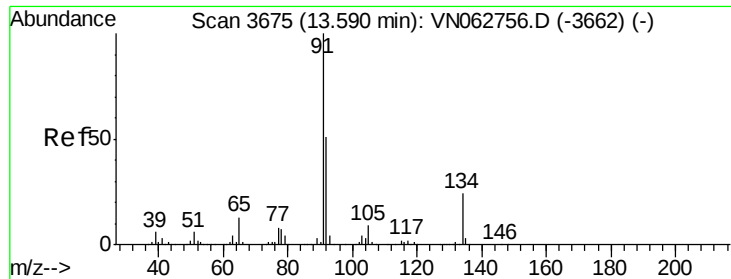
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#88
 1,4-Dichlorobenzene
 Concen: 42.205 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	64.3	32.6	97.8





#89

n-Butylbenzene

Concen: 41.902 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

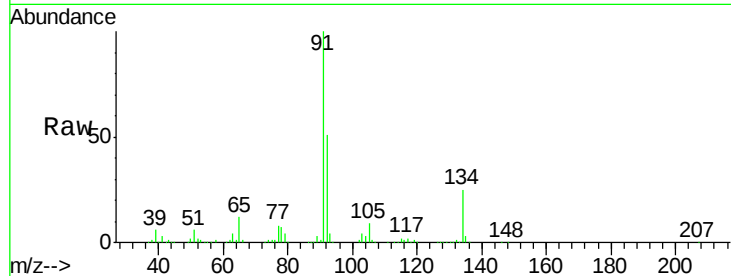
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	296142
Ion Ratio	Lower	Upper	
91	100		
92	51.5	25.7	77.0
134	24.8	12.2	36.6

Manual Integrations
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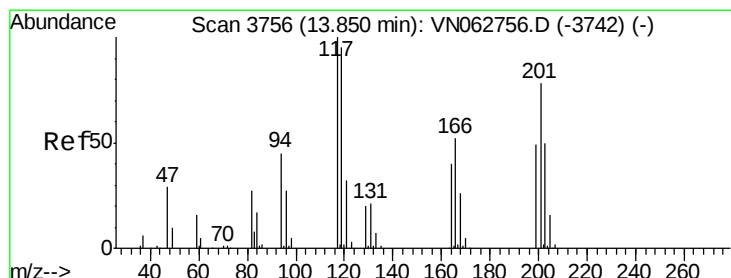
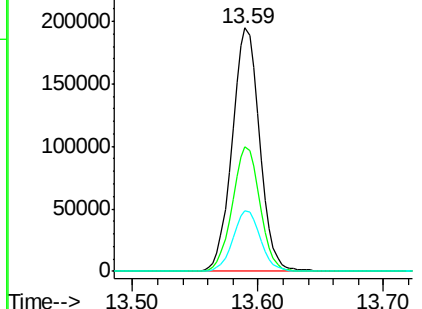
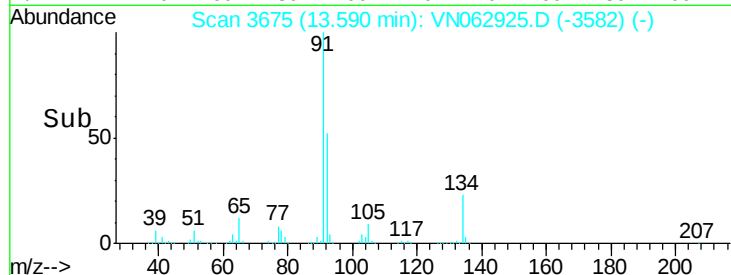
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Abundance Ion 91.00 (90.70 to 91.70): VN062925.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN062925.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN062925.D (-3663) (-)



#90

Hexachloroethane

Concen: 40.089 ug/l

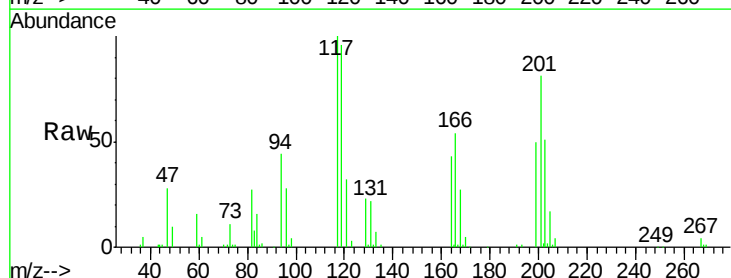
RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062925.D

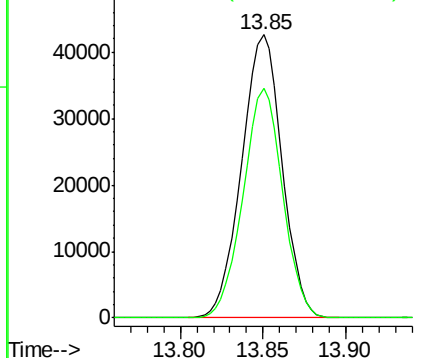
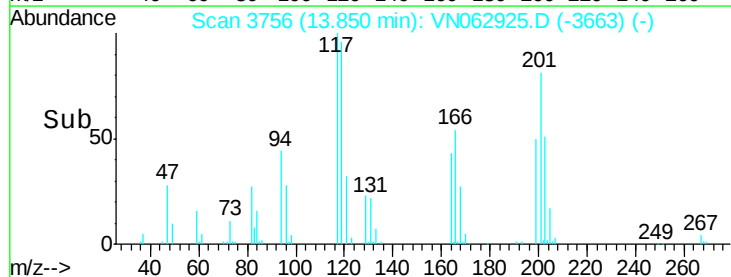
Acq: 13 Aug 2020 21:20

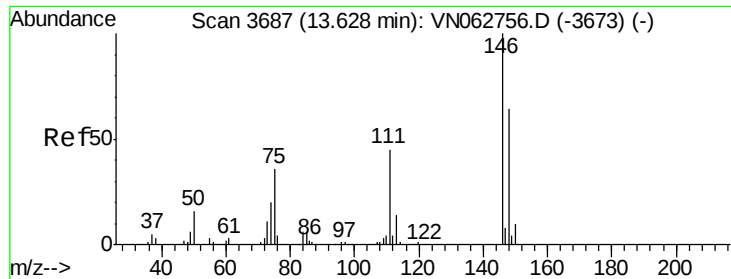
Tgt Ion:	117	Resp:	72210
Ion Ratio	Lower	Upper	
117	100		
201	79.4	39.2	117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062925.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062925.D (-3663) (-)





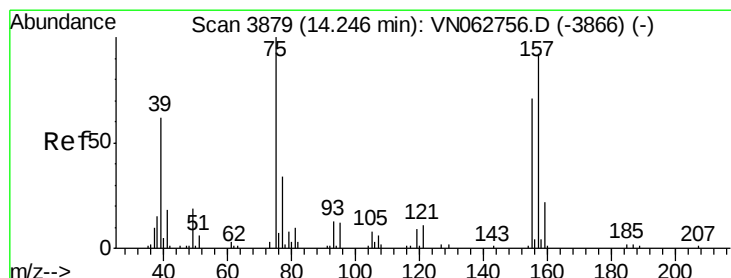
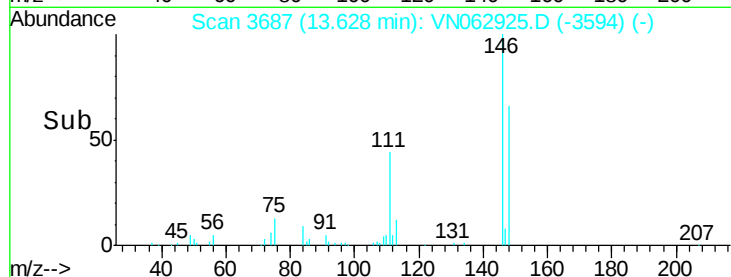
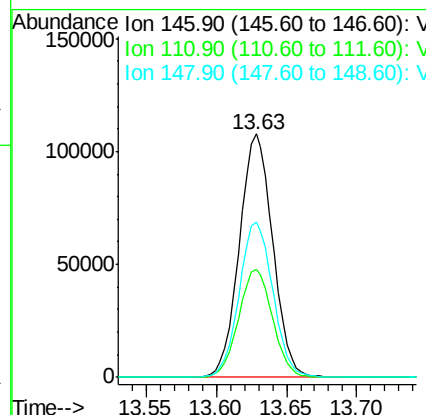
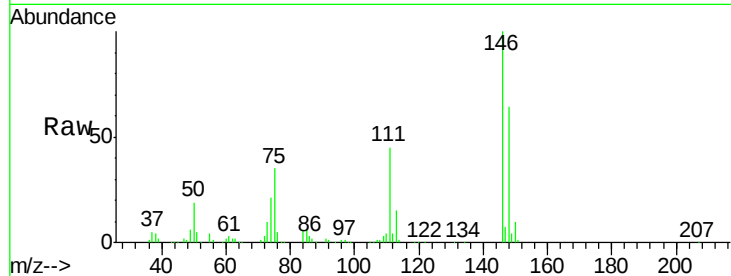
#91
 1,2-Dichlorobenzene
 Concen: 44.100 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	179221
Ion Ratio	Lower	Upper	
146	100		
111	45.2	22.8	68.4
148	64.4	31.9	95.5

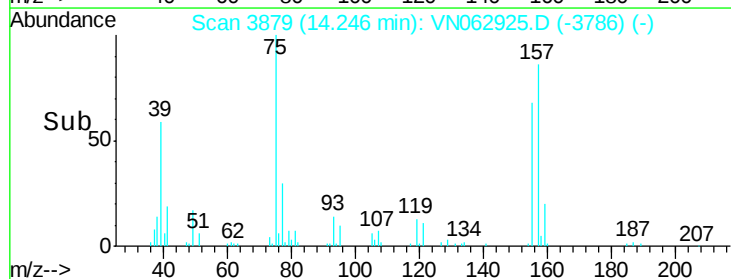
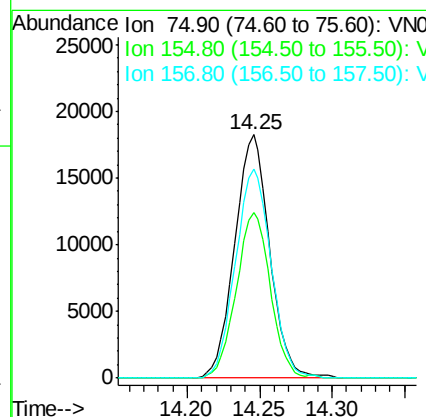
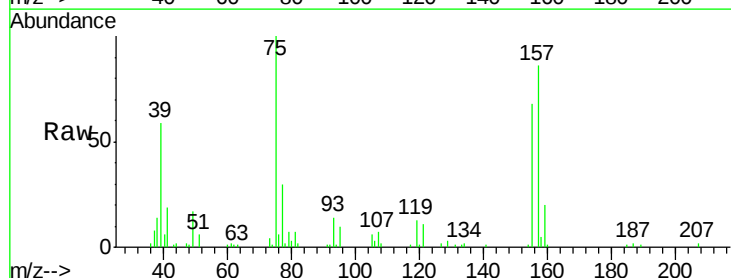
Manual Integrations
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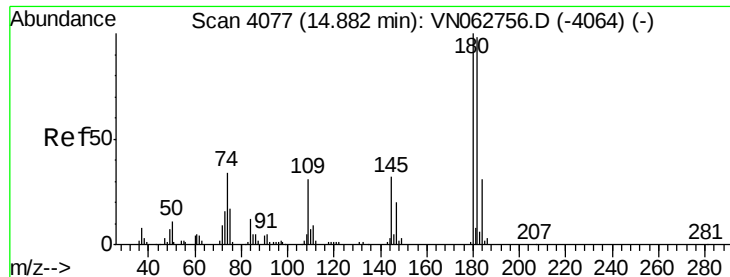
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.458 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion:	75	Resp:	30598
Ion Ratio	Lower	Upper	
75	100		
155	66.3	35.0	105.1
157	87.4	43.2	129.6





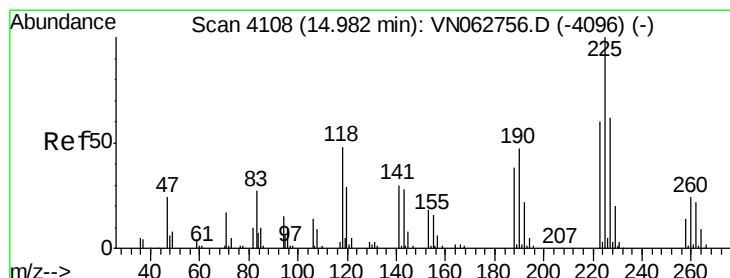
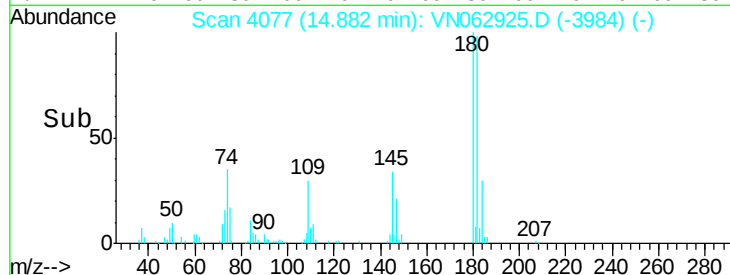
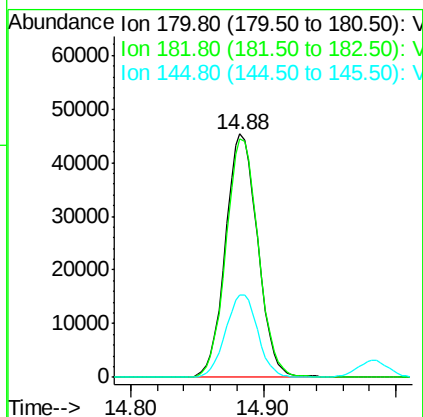
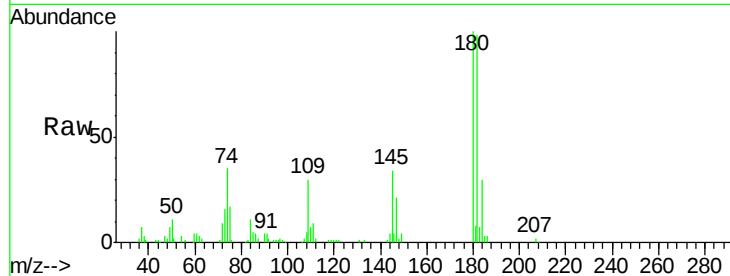
#93
 1,2,4-Trichlorobenzene
 Concen: 36.123 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	49.1	147.4
145	33.7	16.3	48.8

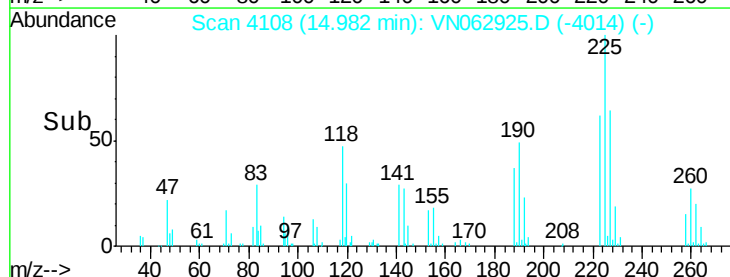
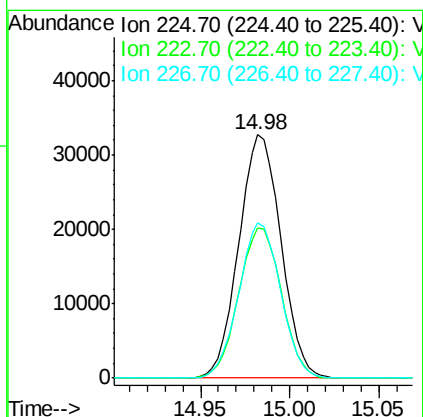
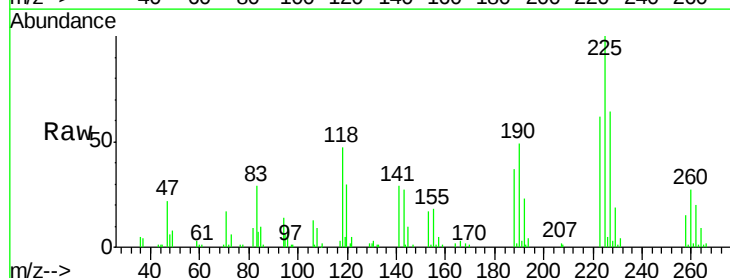
Manual Integrations
 APPROVED

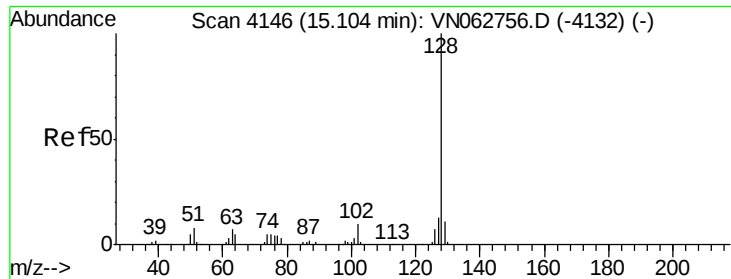
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 41.897 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.6	92.0
227	63.2	31.6	95.0





#95

Naphthalene

Concen: 35.629 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

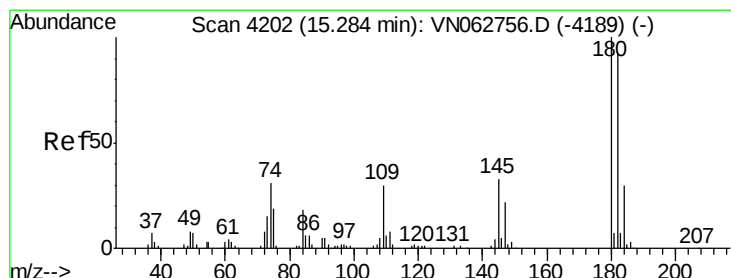
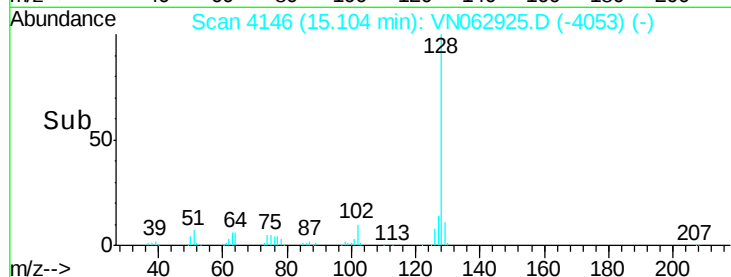
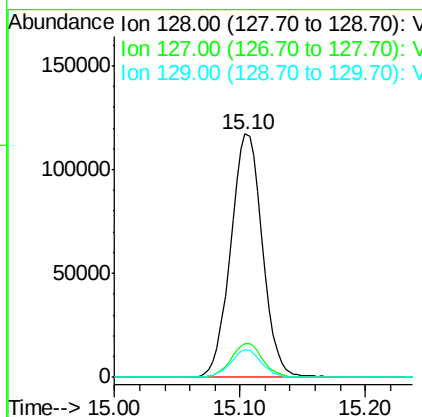
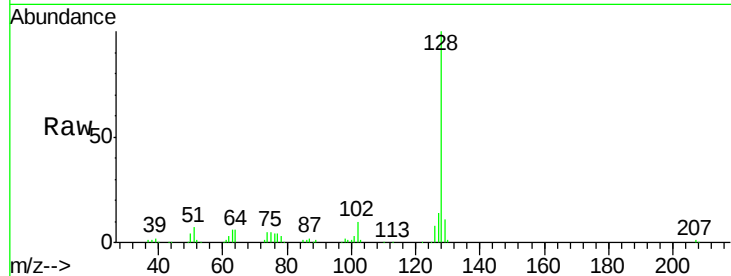
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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8/14/2020 4:49:43 PM



#96

1,2,3-Trichlorobenzene

Concen: 37.229 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	36.1	17.3	51.7

