

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062966.D
 Acq On : 15 Aug 2020 4:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 11:43:33 AM

Quant Time: Aug 17 10:41:26 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	151880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	241871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	229153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	120563	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	83505	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.06	98	317528	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	12.38	95	120433	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102761	47.250	ug/l	99
3) Chloromethane	2.03	50	117385	57.196	ug/l	99
4) Vinyl Chloride	2.16	62	163010	84.683	ug/l	100
5) Bromomethane	2.50	94	84524	66.331	ug/l	99
6) Chloroethane	2.65	64	99378	78.474	ug/l	97
7) Trichlorofluoromethane	2.97	101	216620	63.109	ug/l	100
8) Diethyl Ether	3.37	74	73269	74.564	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.71	101	104624	76.034	ug/l	97
10) Methyl Iodide	3.90	142	130993	78.737	ug/l	94
11) Tert butyl alcohol	4.74	59	121466	295.072	ug/l	99
12) 1,1-Dichloroethene	3.69	96	96768	75.409	ug/l	95
13) Acrolein	3.57	56	107416	430.974	ug/l	99
14) Allyl chloride	4.27	41	194464	73.132	ug/l	91
15) Acrylonitrile	4.93	53	376875	394.726	ug/l	99
16) Acetone	3.78	43	310568	342.207	ug/l	98
17) Carbon Disulfide	4.00	76	258657	70.821	ug/l	99
18) Methyl Acetate	4.28	43	189644	89.237	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	422773	71.847	ug/l	95
20) Methylene Chloride	4.50	84	131378	79.552	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	106826	70.286	ug/l	97
22) Diisopropyl ether	5.90	45	492885	87.072	ug/l	97
23) Vinyl Acetate	5.84	43	1634868	379.707	ug/l	98
24) 1,1-Dichloroethane	5.80	63	245582	74.031	ug/l	99
25) 2-Butanone	6.79	43	482562	375.430	ug/l	93
26) 2,2-Dichloropropane	6.77	77	128816	42.127	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	130141	71.379	ug/l	94
28) Bromochloromethane	7.15	49	79203	49.471	ug/l	98
29) Tetrahydrofuran	7.17	42	186504	223.343	ug/l	98
30) Chloroform	7.33	83	167523	47.519	ug/l	100
31) Cyclohexane	7.61	56	133788	43.935	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	145867	46.278	ug/l	97
36) 1,1-Dichloropropene	7.75	75	108944	46.258	ug/l	99
37) Ethyl Acetate	6.88	43	186473	75.797	ug/l	96
38) Carbon Tetrachloride	7.73	117	127998	45.953	ug/l	97

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	128261	45.254	ug/l	99
40) Benzene	8.00	78	329014	46.816	ug/l	97
41) Methacrylonitrile	7.12	41	46113m	41.538	ug/l	
42) 1,2-Dichloroethane	8.08	62	137309	45.905	ug/l	100
43) Isopropyl Acetate	8.13	43	180701	44.036	ug/l	98
44) Trichloroethene	8.80	130	81440	47.565	ug/l	100
45) 1,2-Dichloropropane	9.08	63	93536	49.176	ug/l	99
46) Dibromomethane	9.17	93	60829	48.809	ug/l	97
47) Bromodichloromethane	9.37	83	139367	49.791	ug/l	99
48) Methyl methacrylate	9.17	41	89289	44.239	ug/l	96
49) 1,4-Dioxane	9.17	88	34658	926.713	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	617637	232.631	ug/l	99
52) Toluene	10.12	92	208040	47.945	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	138658	45.036	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	145055	46.925	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	90690	48.937	ug/l	96
56) Ethyl methacrylate	10.40	69	139315	49.944	ug/l	98
57) 1,3-Dichloropropane	10.68	76	153308	48.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	163831	207.783	ug/l	99
59) 2-Hexanone	10.72	43	449264	226.846	ug/l	99
60) Dibromochloromethane	10.88	129	106333	50.280	ug/l	98
61) 1,2-Dibromoethane	10.98	107	89087	48.717	ug/l	99
64) Tetrachloroethene	10.61	164	71487	48.350	ug/l	95
65) Chlorobenzene	11.41	112	233364	48.717	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	94506	49.129	ug/l	99
67) Ethyl Benzene	11.48	91	418712	48.847	ug/l	98
68) m/p-Xylenes	11.60	106	315661	101.446	ug/l	97
69) o-Xylene	11.92	106	151378	51.913	ug/l	99
70) Styrene	11.94	104	270468	52.768	ug/l	98
71) Bromoform	12.10	173	77233	49.072	ug/l #	99
73) Isopropylbenzene	12.22	105	421925	46.631	ug/l	99
74) N-amyl acetate	12.05	43	165193	45.051	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	136218	42.766	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	135829m	41.914	ug/l	
77) Bromobenzene	12.50	156	106183	47.230	ug/l	90
78) n-propylbenzene	12.57	91	489362	46.074	ug/l	99
79) 2-Chlorotoluene	12.65	91	300074	45.053	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	381847	48.644	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	41003	38.625	ug/l	99
82) 4-Chlorotoluene	12.75	91	319534	46.553	ug/l	99
83) tert-Butylbenzene	12.97	119	315344	47.476	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	376175	50.092	ug/l	100
85) sec-Butylbenzene	13.15	105	415206	47.601	ug/l	99
86) p-Isopropyltoluene	13.26	119	375483	48.496	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	190980	47.551	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	187348	46.508	ug/l	98
89) n-Butylbenzene	13.59	91	298597	45.600	ug/l	100
90) Hexachloroethane	13.85	117	72991	43.736	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	184012	48.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29205	42.709	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90469	45.087	ug/l	96
94) Hexachlorobutadiene	14.98	225	58979	49.757	ug/l	98
95) Naphthalene	15.10	128	229242	42.130	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88833	44.867	ug/l	100

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

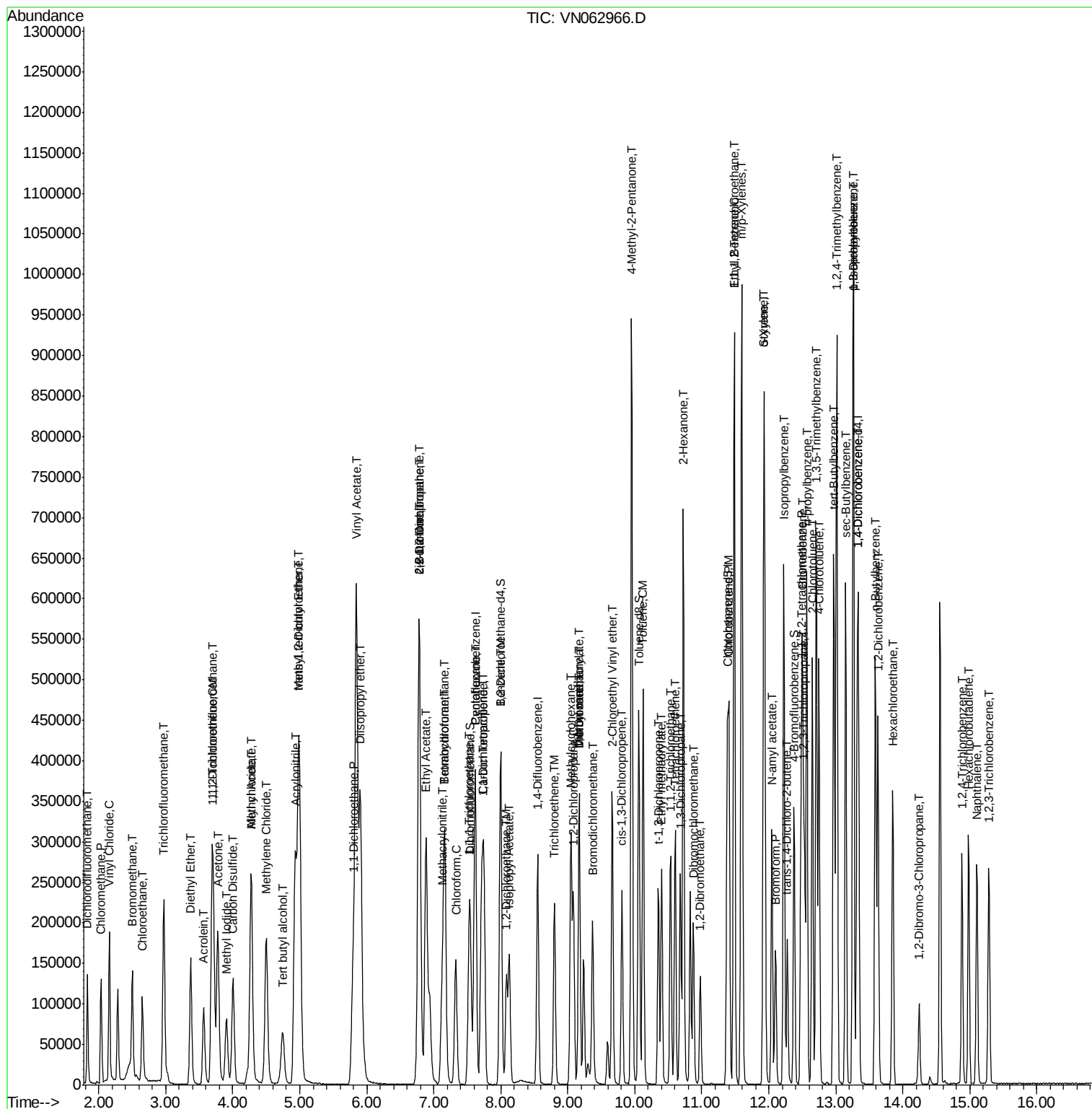
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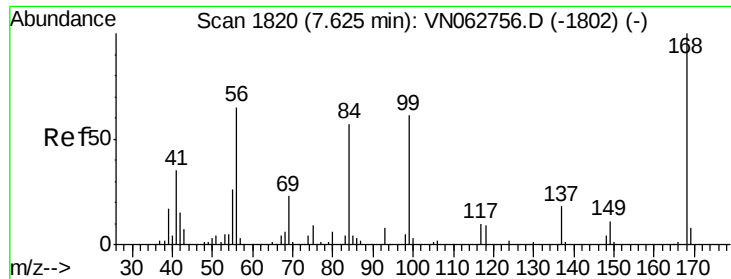
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 151880

Ion Ratio Lower Upper

168 100

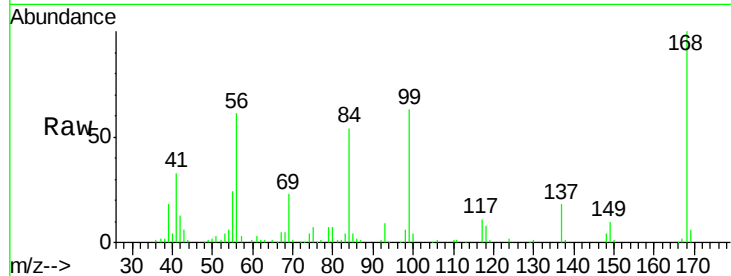
99 62.5 52.9 79.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

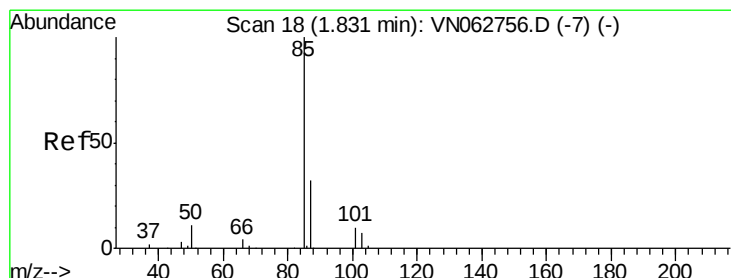
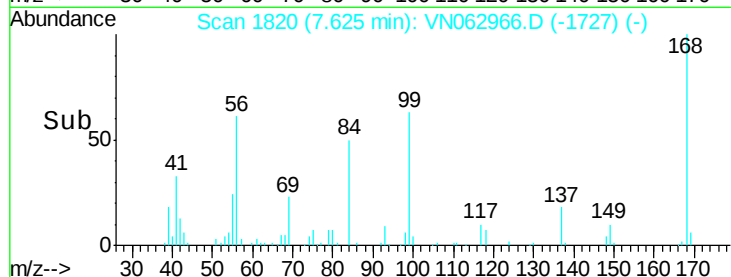
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.250 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062966.D

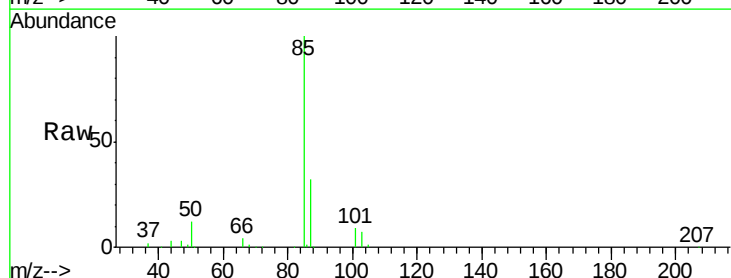
Acq: 15 Aug 2020 4:37

Tgt Ion: 85 Resp: 102761

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

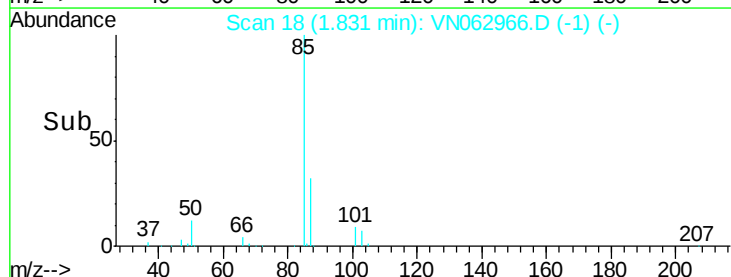
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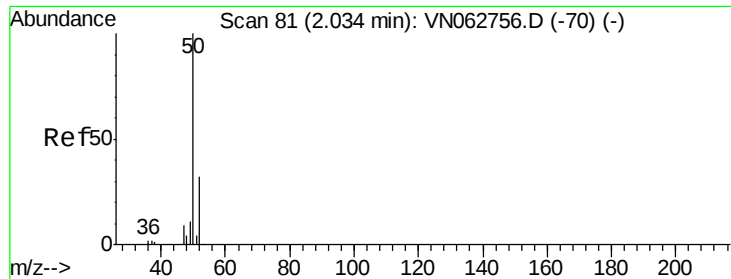
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1.75 1.80 1.85 1.90

Time-->





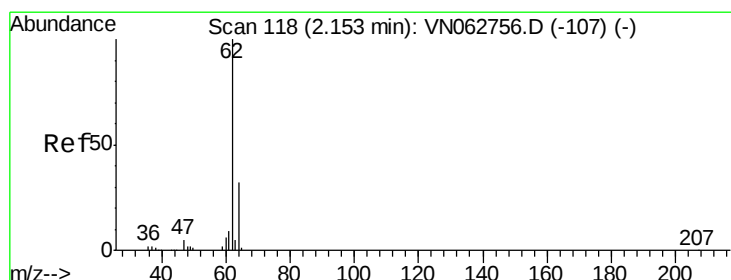
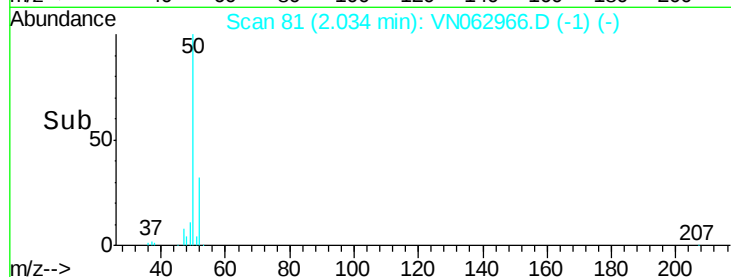
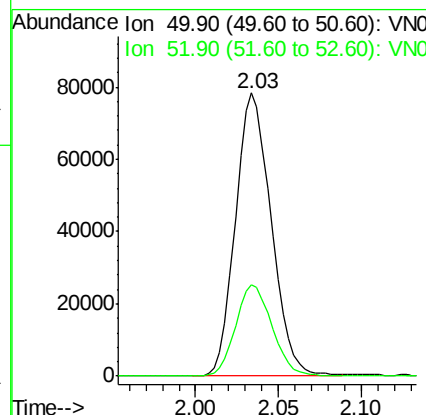
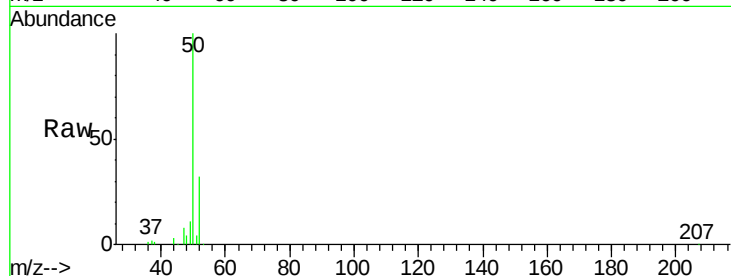
#3
Chloromethane
Concen: 57.196 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 117385
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4

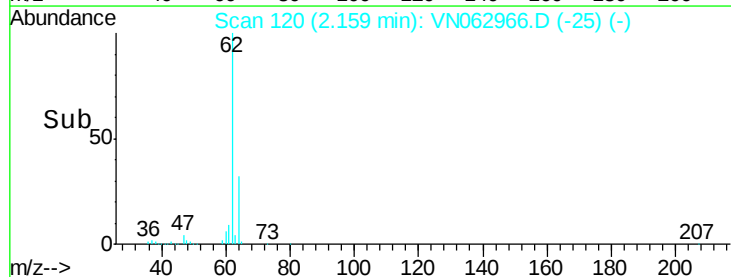
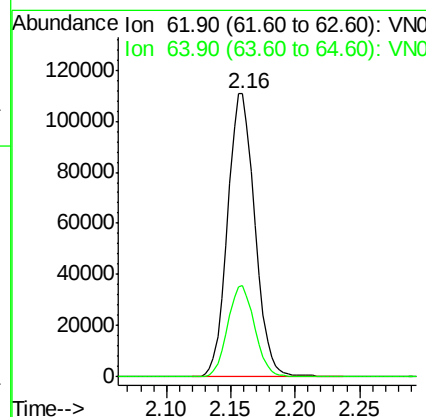
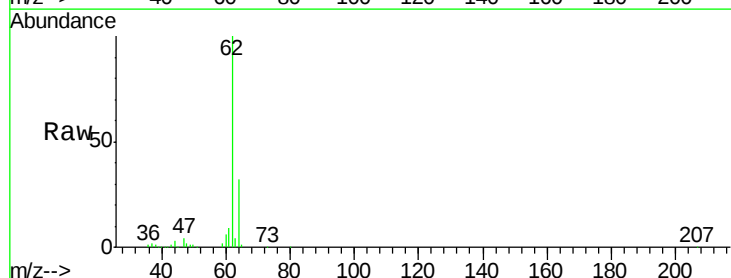
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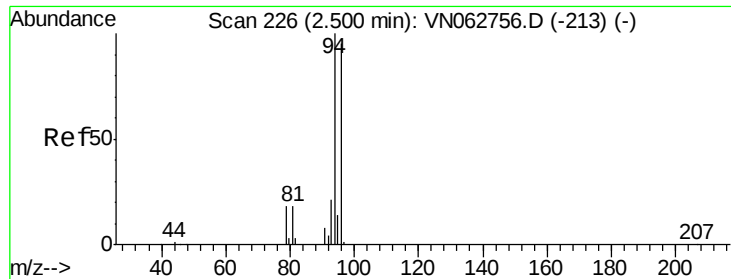
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8/17/2020 11:43:33 AM



#4
Vinyl Chloride
Concen: 84.683 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.01 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 62 Resp: 163010
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5

Bromomethane

Concen: 66.331 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 84524

Ion Ratio Lower Upper

94 100

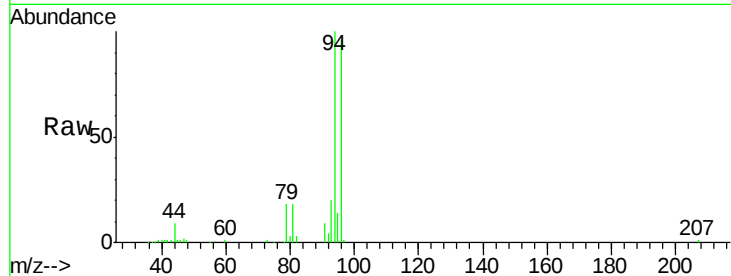
96 95.9 76.2 114.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.50

50000

40000

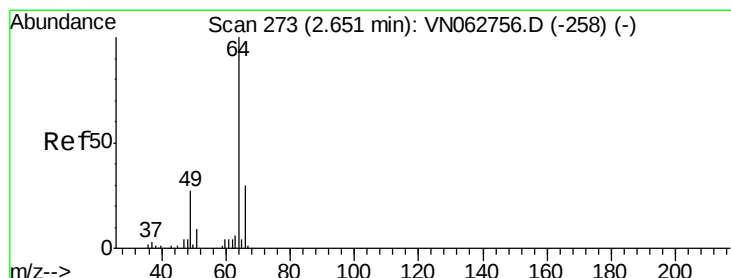
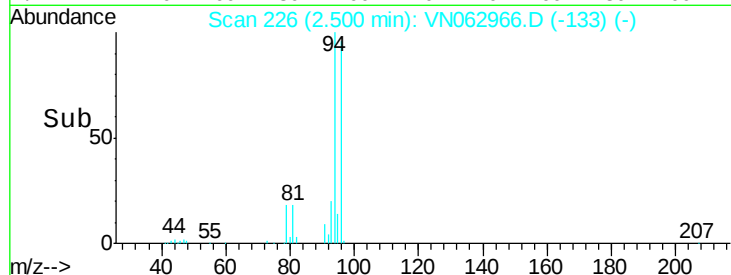
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Time-->



#6

Chloroethane

Concen: 78.474 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.00 min

Lab File: VN062966.D

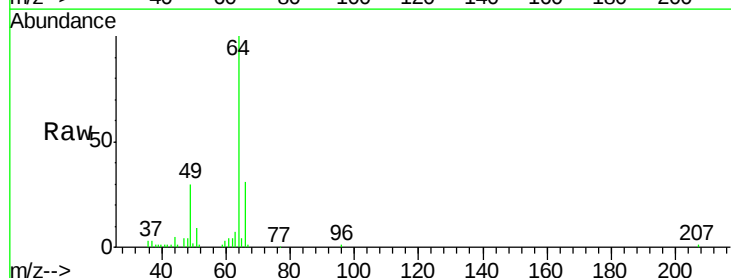
Acq: 15 Aug 2020 4:37

Tgt Ion: 64 Resp: 99378

Ion Ratio Lower Upper

64 100

66 31.5 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

50000

40000

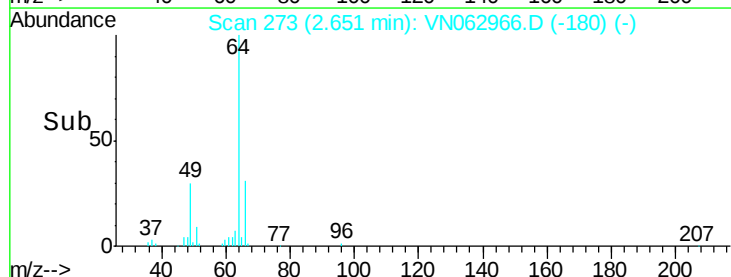
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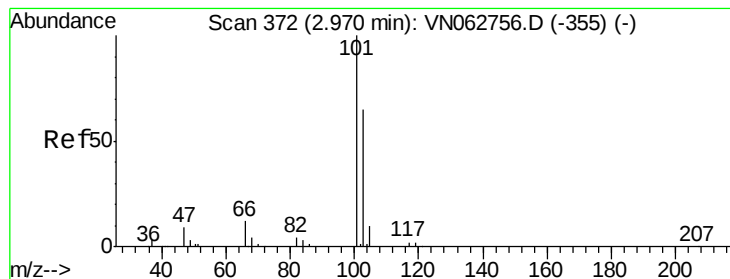
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Time-->





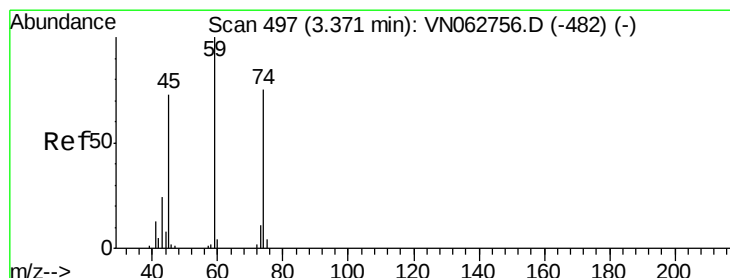
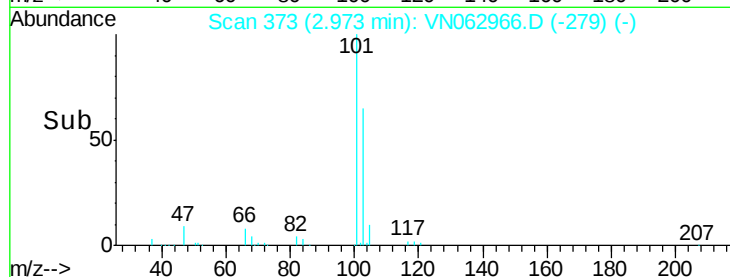
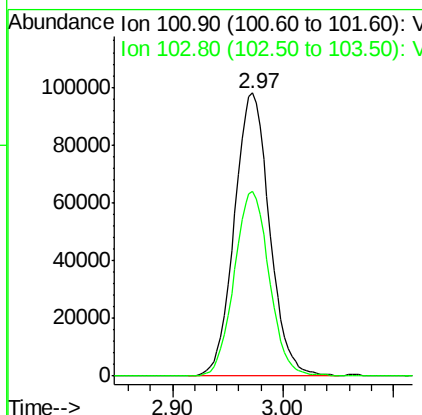
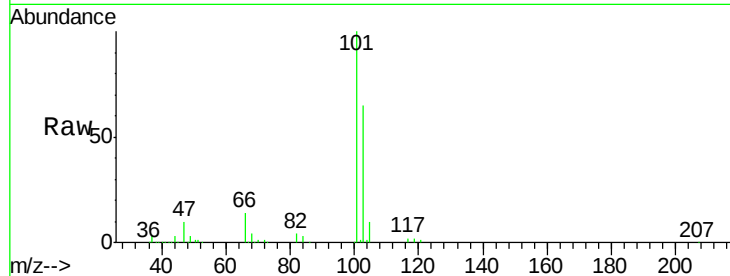
#7
 Trichlorofluoromethane
 Concen: 63.109 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

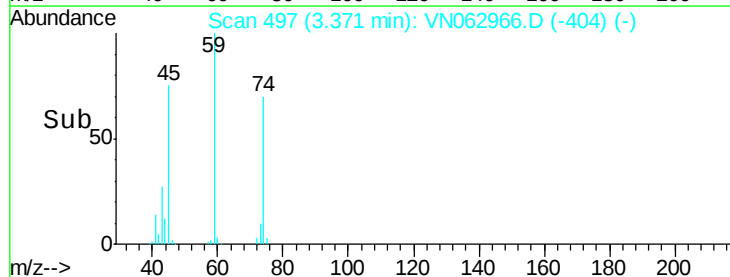
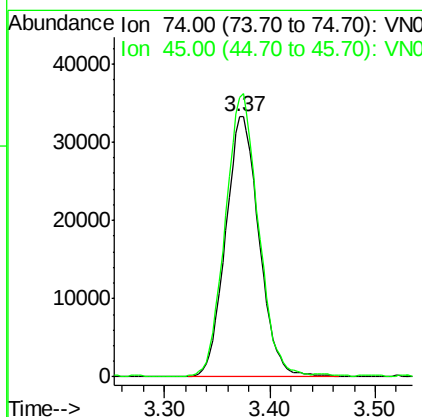
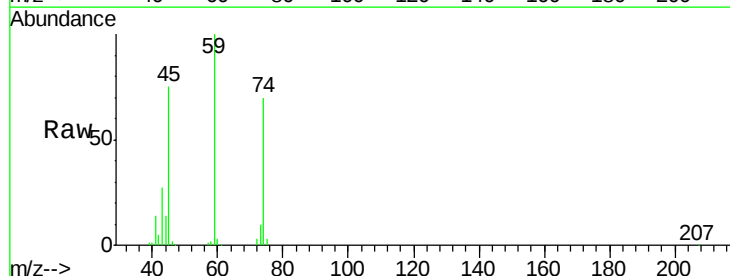
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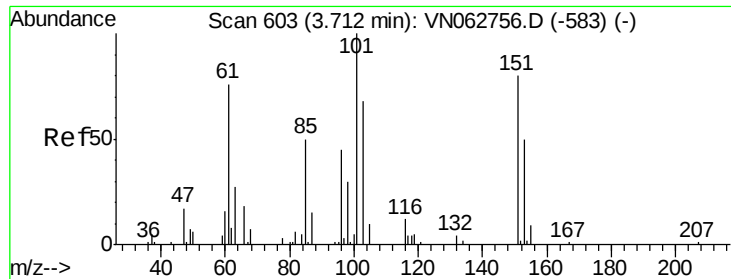
MMDadoda
 8/17/2020 11:43:33 AM



#8
 Diethyl Ether
 Concen: 74.564 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062966.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.0	48.7	146.1





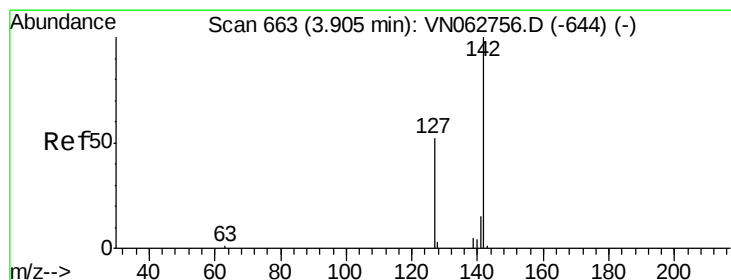
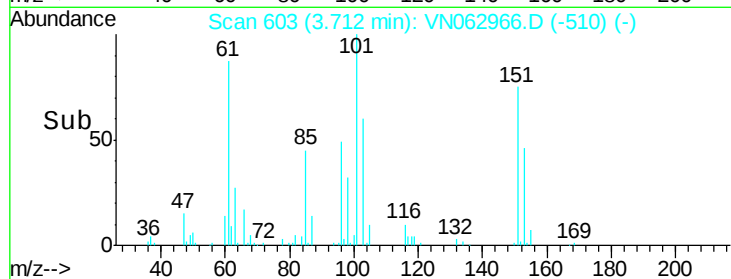
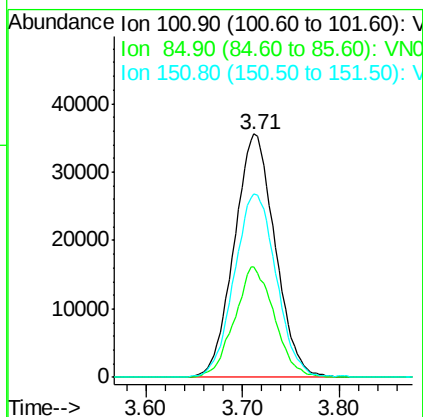
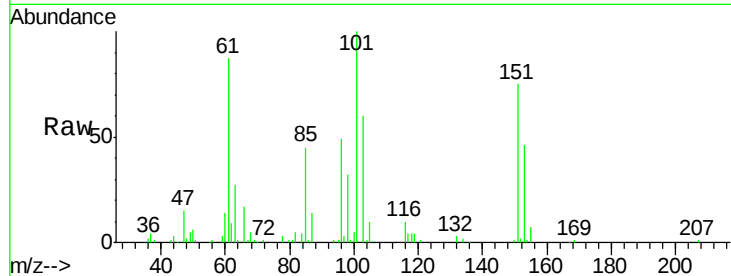
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 76.034 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	104624		
85	44.2	38.5	57.7	
151	77.2	63.0	94.6	

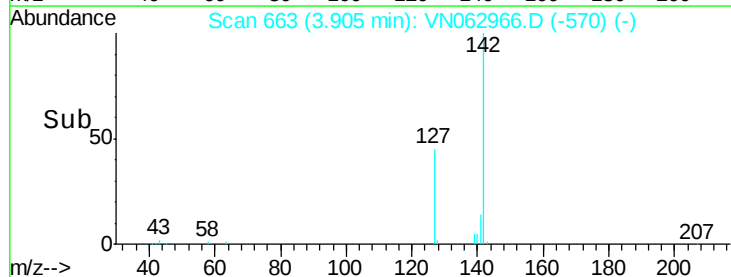
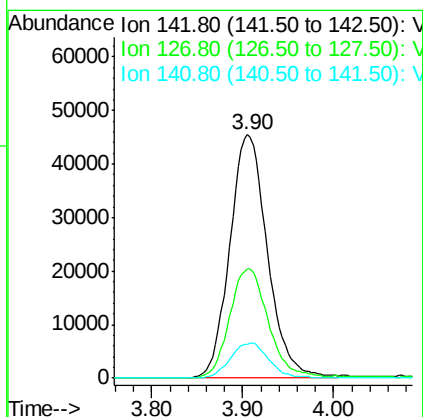
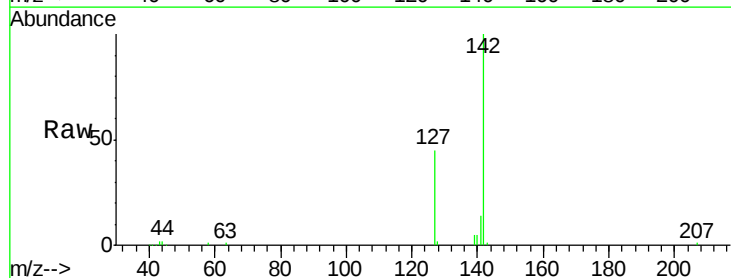
Manual Integrations
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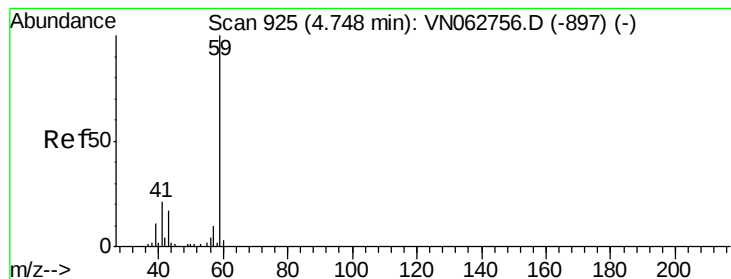
MMDadoda
 8/17/2020 11:43:33 AM



#10
 Methyl Iodide
 Concen: 78.737 ug/l
 RT: 3.90 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	130993		
127	46.2	41.4	62.0	
141	14.8	12.2	18.4	





#11

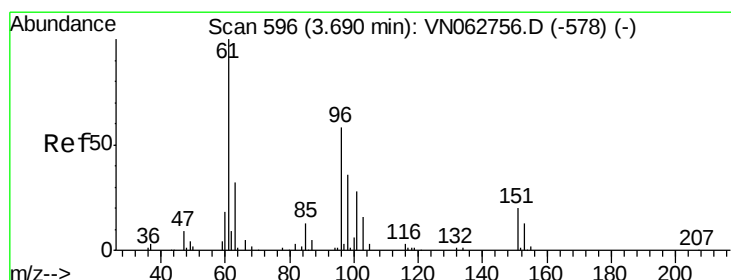
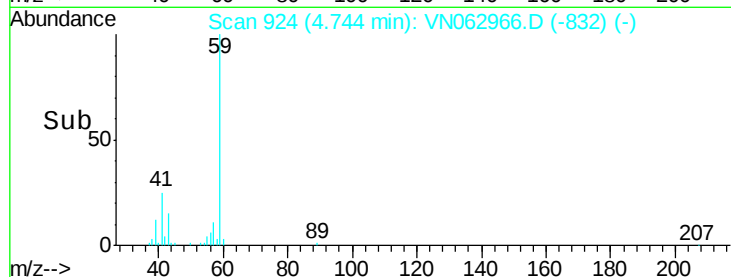
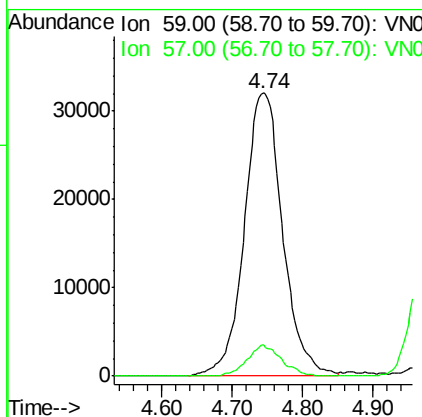
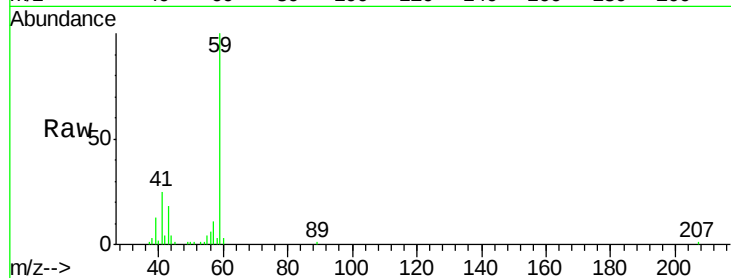
Tert butyl alcohol
 Concen: 295.072 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	121466		
57	9.9		8.3	12.5

Manual Integrations
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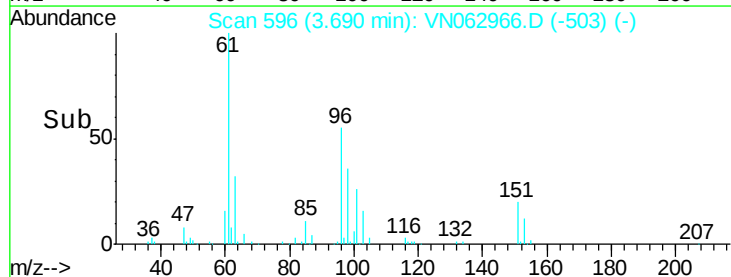
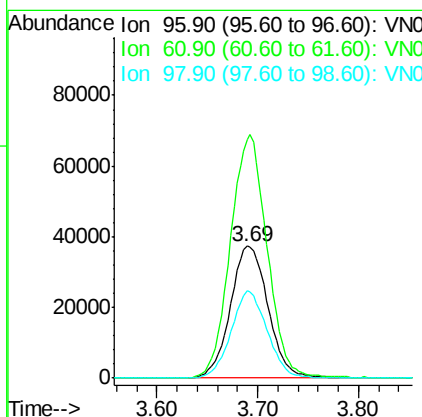
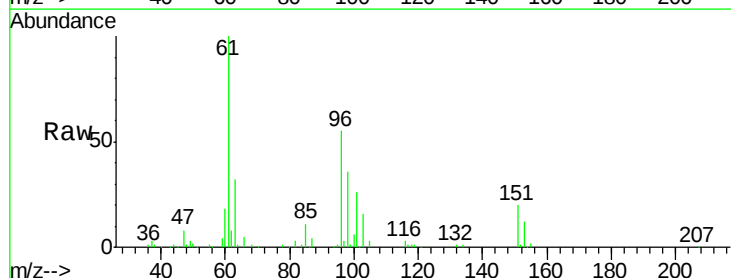
MMDadoda
 8/17/2020 11:43:33 AM

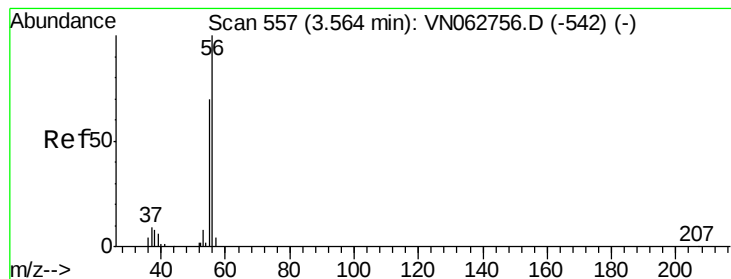


#12

1,1-Dichloroethene
 Concen: 75.409 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	96768		
61	181.4		139.0	208.6
98	66.0		50.2	75.4





#13

Acrolein

Concen: 430.974 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 107416

Ion Ratio Lower Upper

56 100

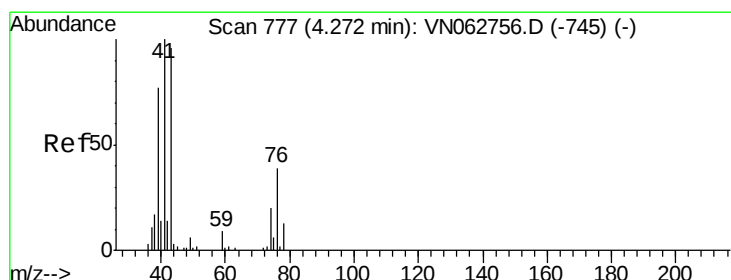
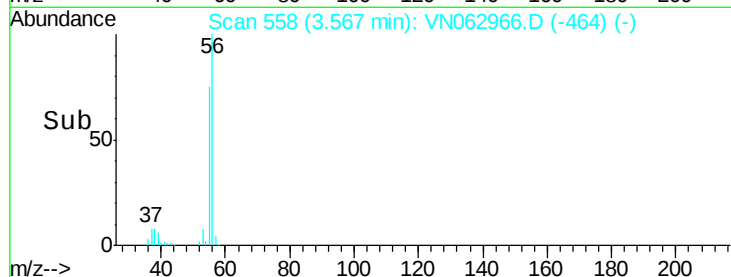
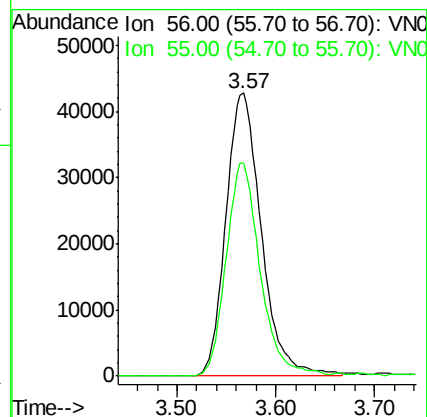
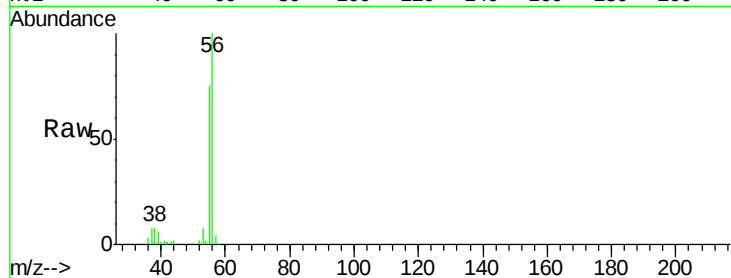
55 72.5 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 73.132 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

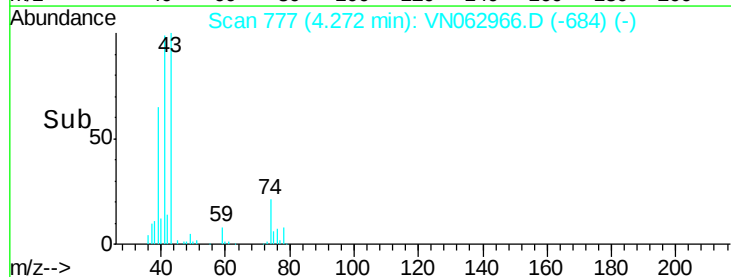
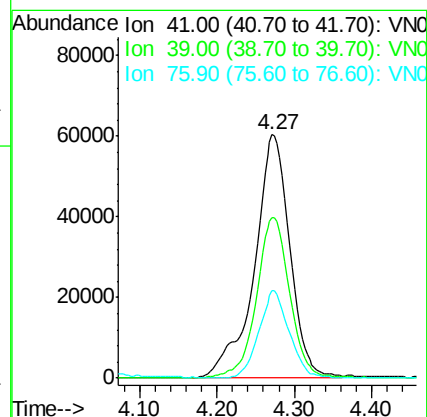
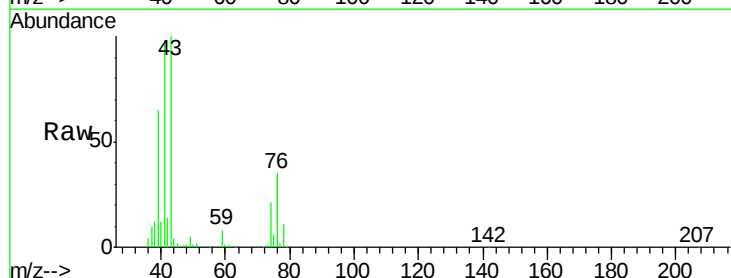
Tgt Ion: 41 Resp: 194464

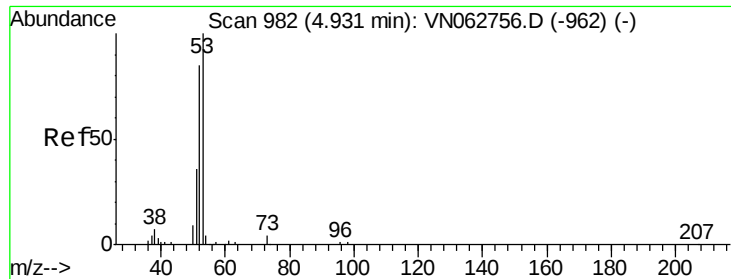
Ion Ratio Lower Upper

41 100

39 61.8 55.7 83.5

76 29.8 27.5 41.3





#15

Acrylonitrile

Concen: 394.726 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

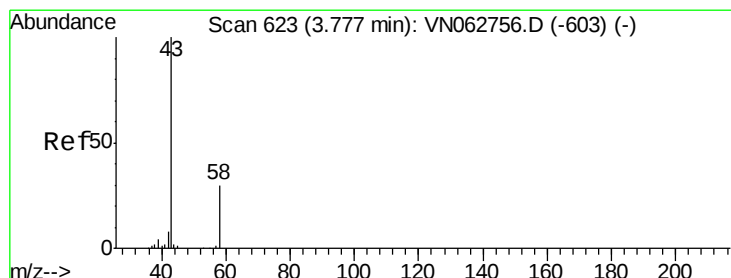
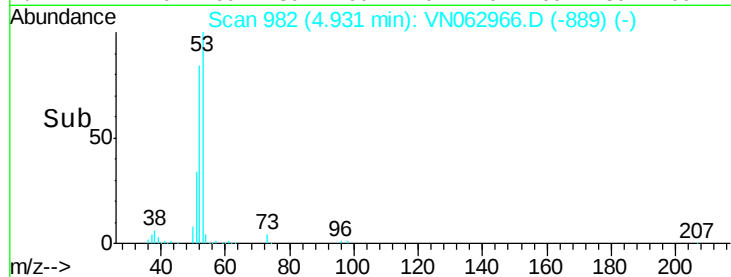
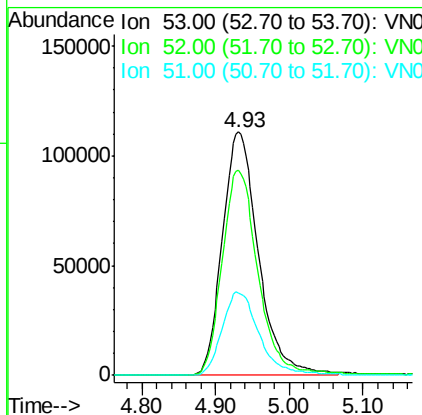
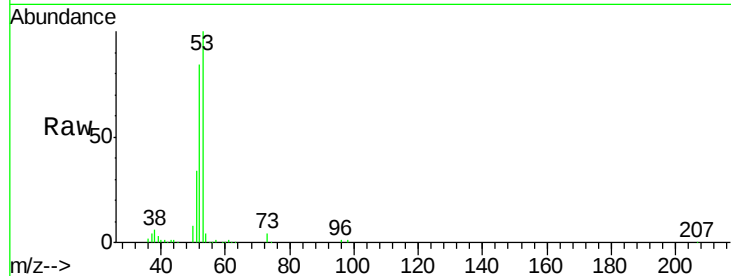
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	376875
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.8	100.2
51	35.5	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 342.207 ug/l

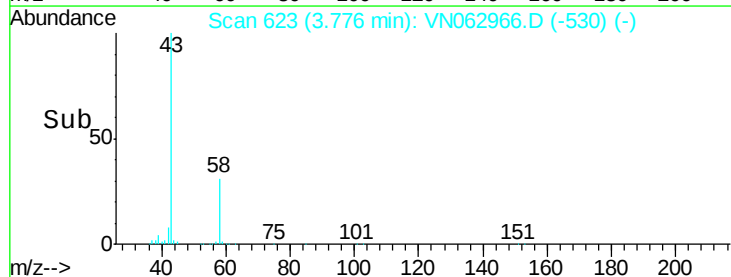
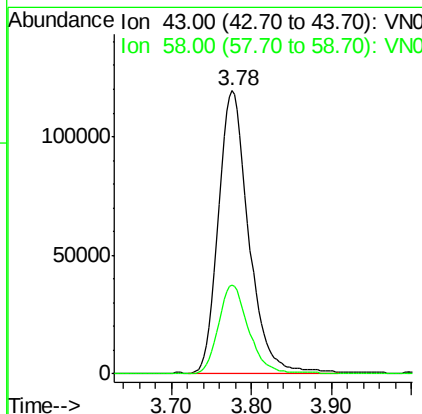
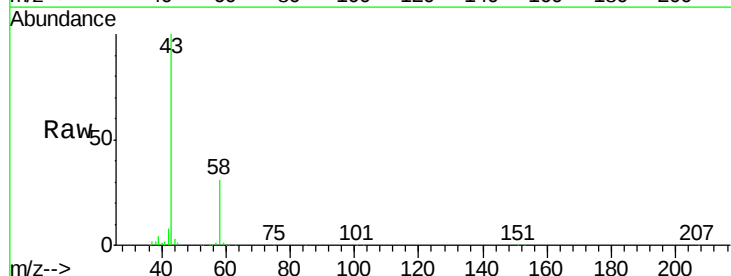
RT: 3.78 min Scan# 623

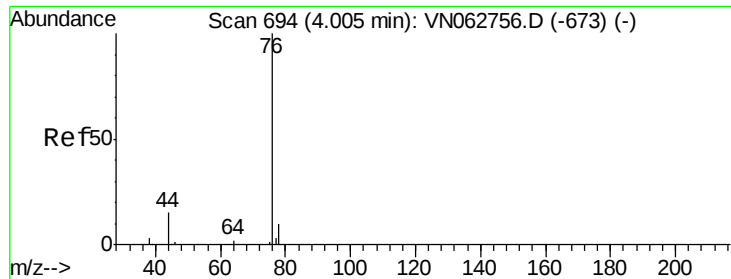
Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Tgt Ion:	43	Resp:	310568
Ion Ratio		Lower	Upper
43	100		
58	31.4	24.1	36.1





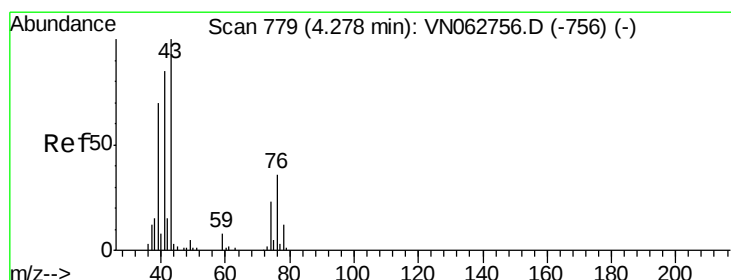
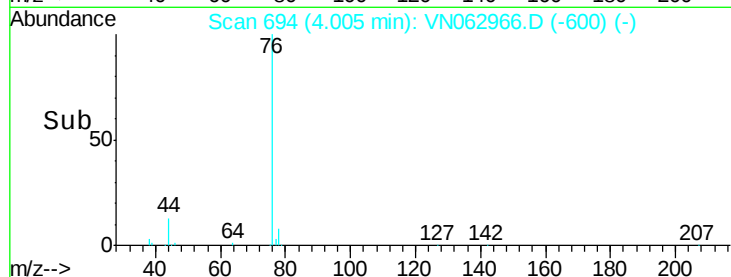
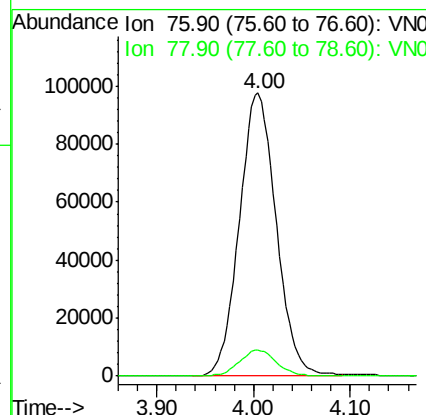
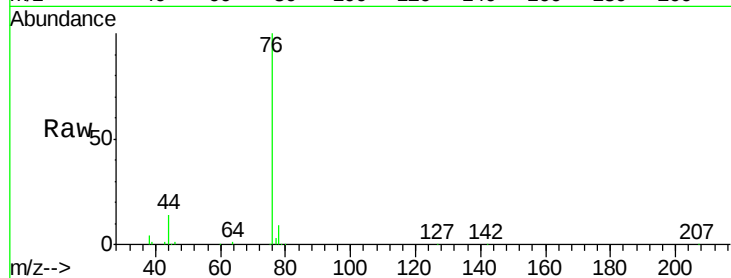
#17
Carbon Disulfide
Concen: 70.821 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.7	11.5

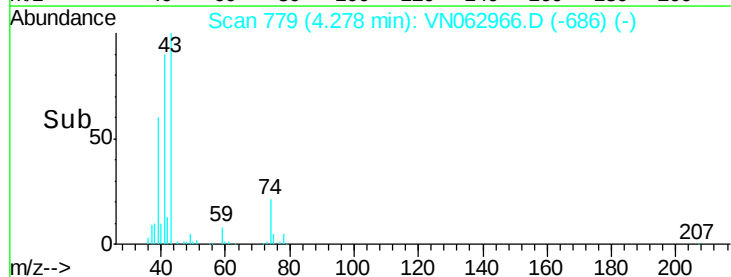
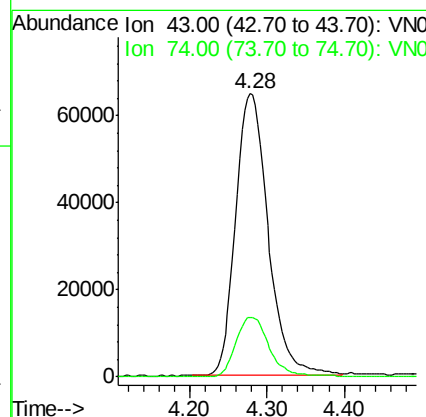
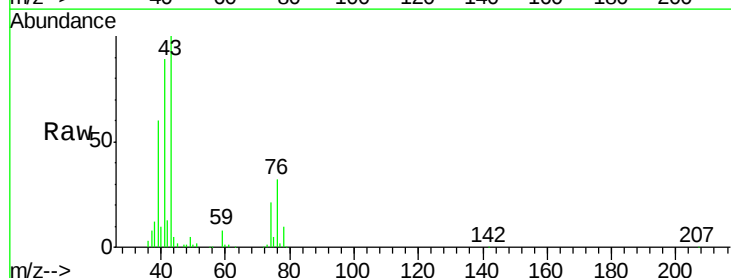
Manual Integrations
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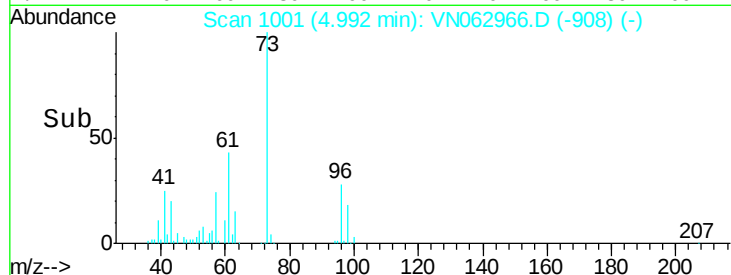
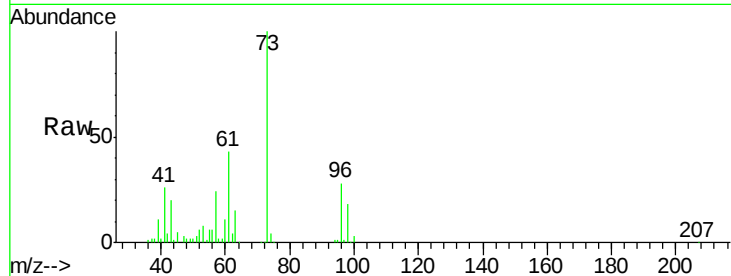
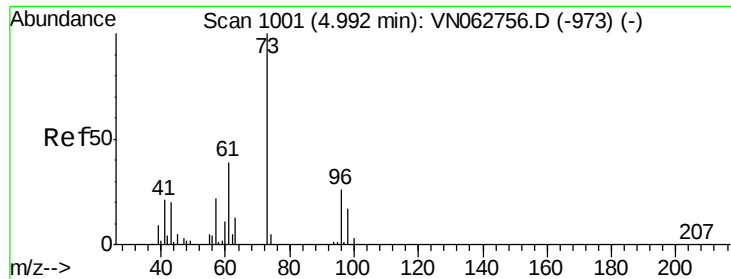
MMDadoda
8/17/2020 11:43:33 AM



#18
Methyl Acetate
Concen: 89.237 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	18.6	28.0





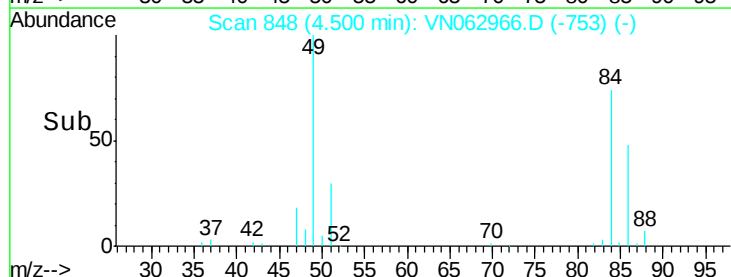
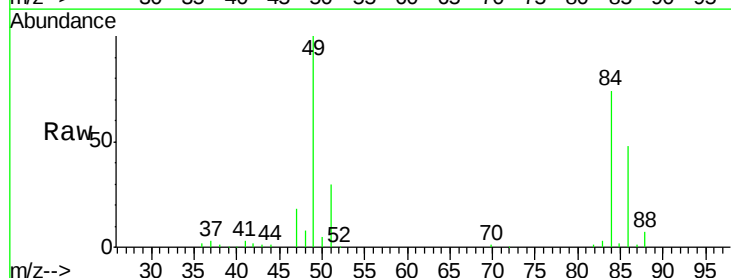
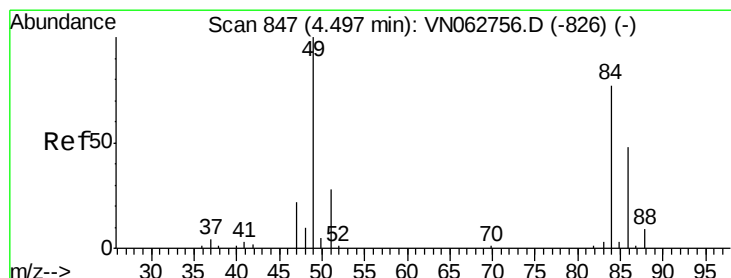
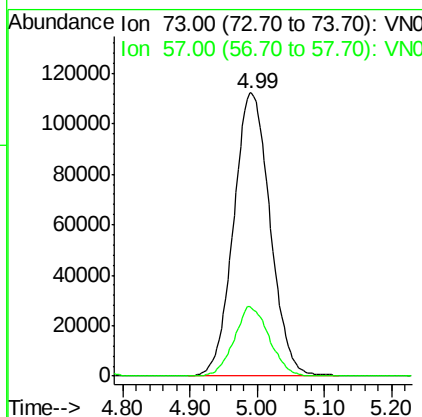
#19
Methvl tert-butvl Ether
Concen: 71.847 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tot Ion: 73 Resp: 422773
Ion Ratio Lower Upper
73 100
57 24.2 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

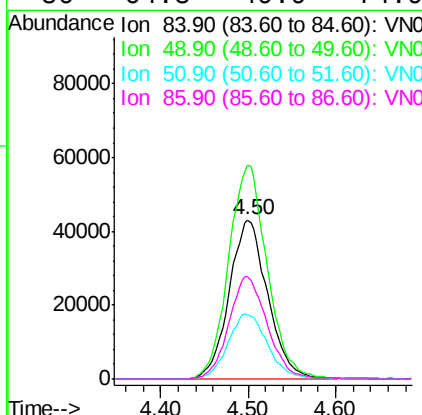
Manual Integrations
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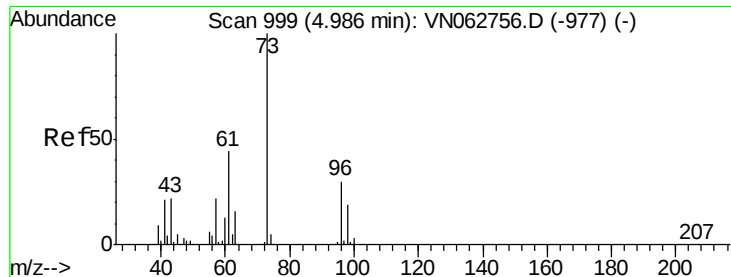
MMDadoda
8/17/2020 11:43:33 AM



#20
Methylene Chloride
Concen: 79.552 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 84 Resp: 131378
Ion Ratio Lower Upper
84 100
49 134.0 103.4 155.2
51 40.5 29.3 43.9
86 64.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 70.286 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

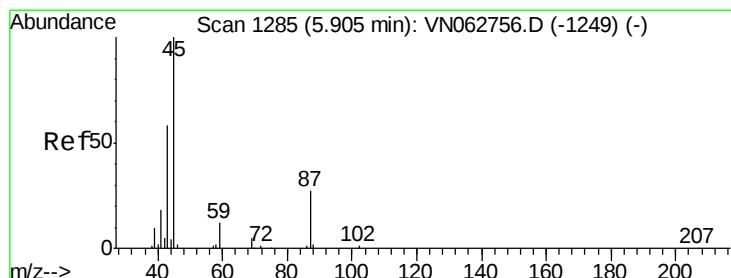
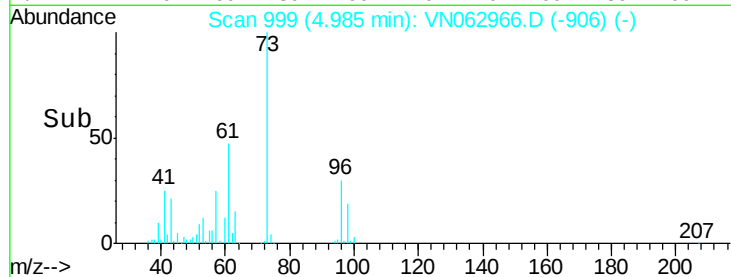
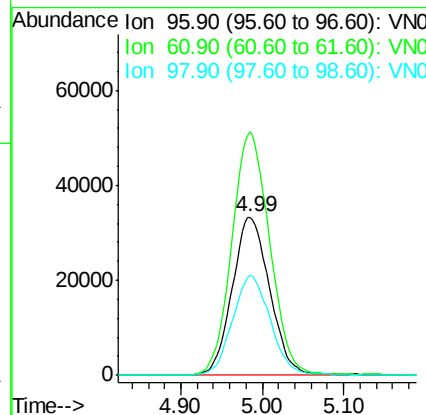
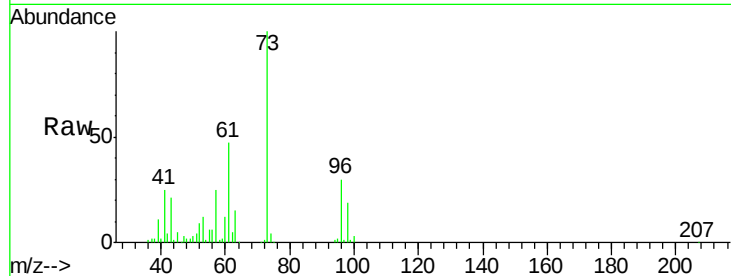
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	106826
Ion	Ratio	Lower	Upper
96	100		
61	153.6	118.8	178.2
98	63.6	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 87.072 ug/l

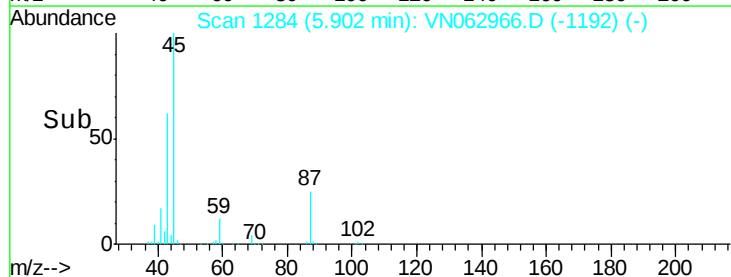
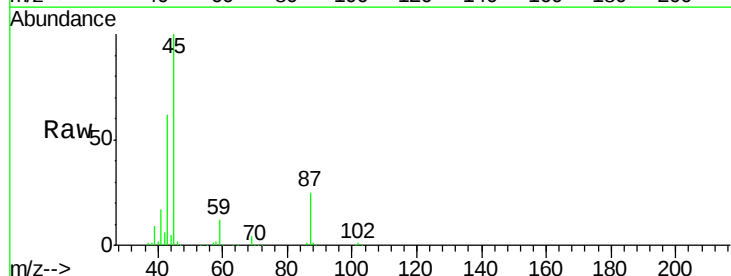
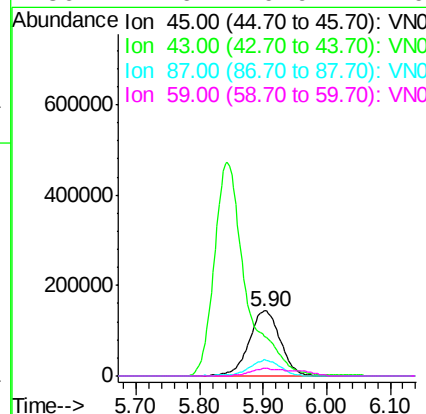
RT: 5.90 min Scan# 1284

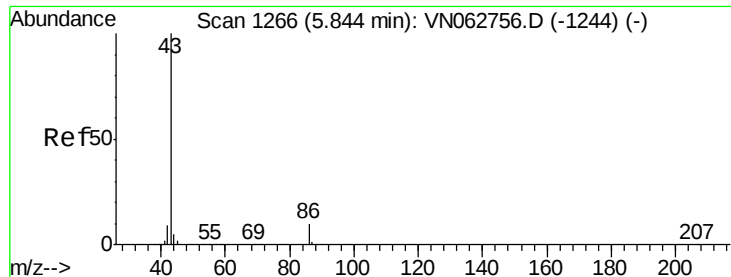
Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Tgt Ion:	45	Resp:	492885
Ion	Ratio	Lower	Upper
45	100		
43	60.8	47.4	71.2
87	25.0	22.8	34.2
59	11.6	9.9	14.9





#23

Vinyl Acetate

Concen: 379.707 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1634868

Ion Ratio Lower Upper

43 100

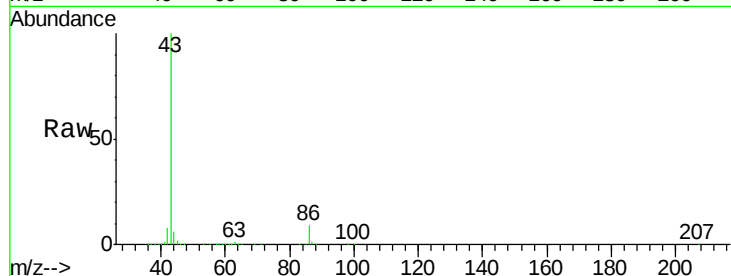
86 9.0 7.7 11.5

Manual Integrations

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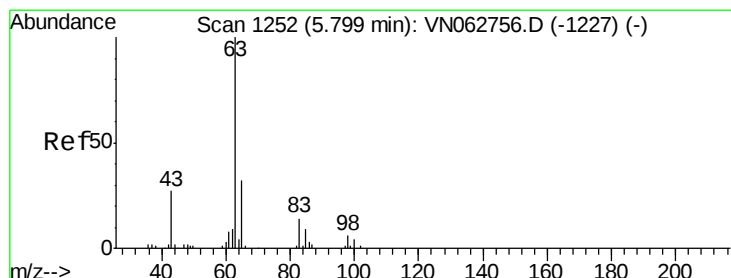
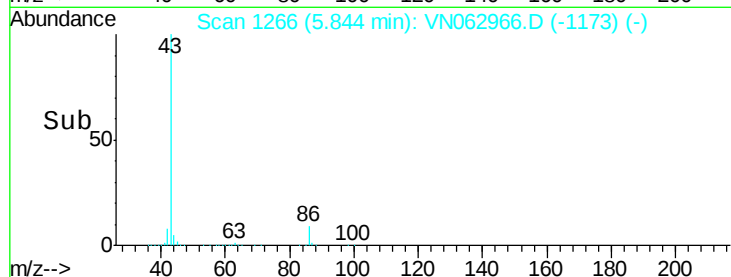
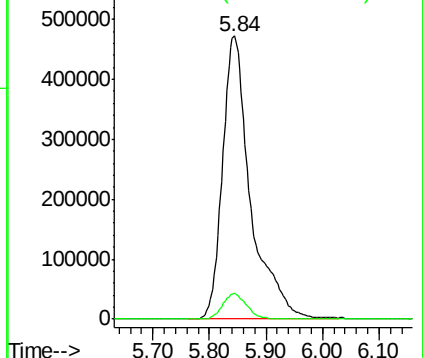
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 74.031 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

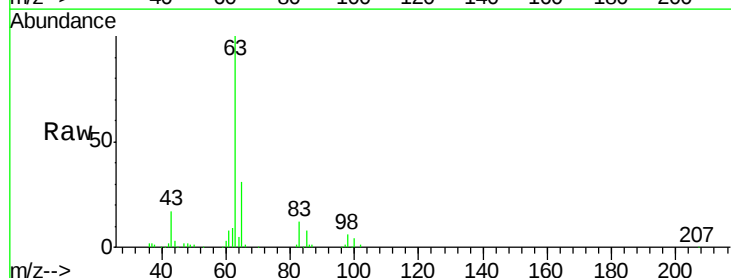
Tgt Ion: 63 Resp: 245582

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

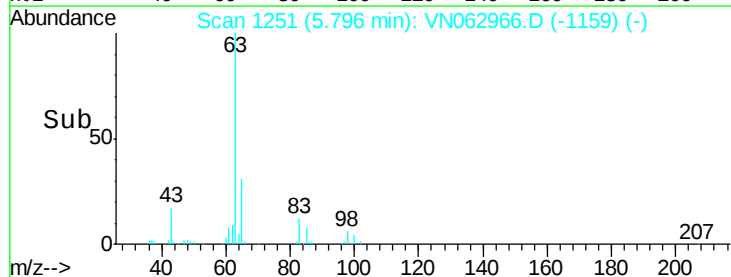
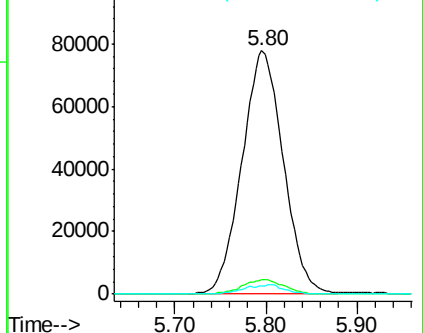
100 3.6 1.9 5.7

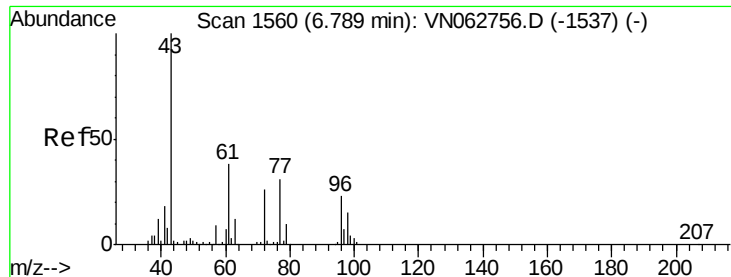


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 375.430 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 482562

Ion Ratio Lower Upper

43 100

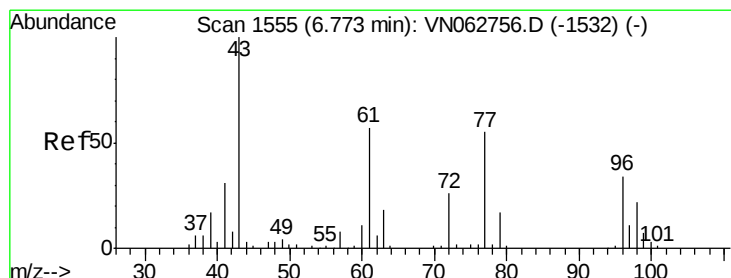
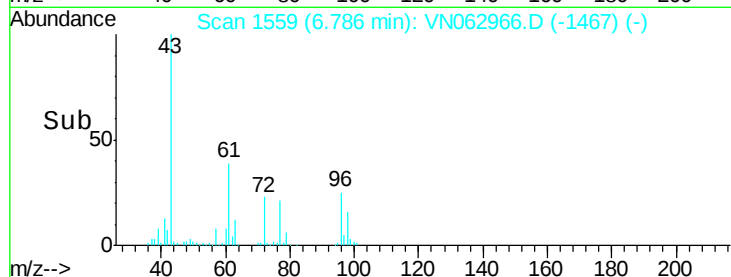
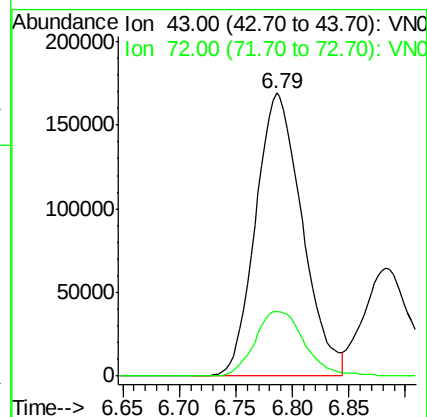
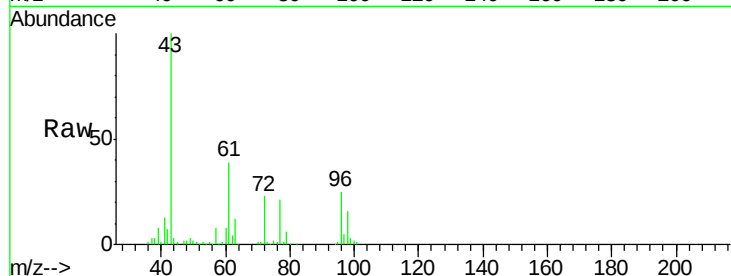
72 22.9 21.1 31.7

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#26

2,2-Dichloropropane

Concen: 42.127 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062966.D

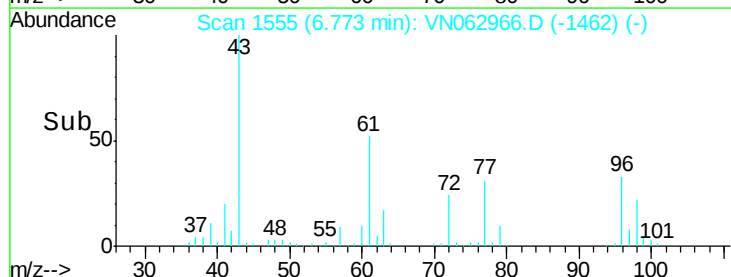
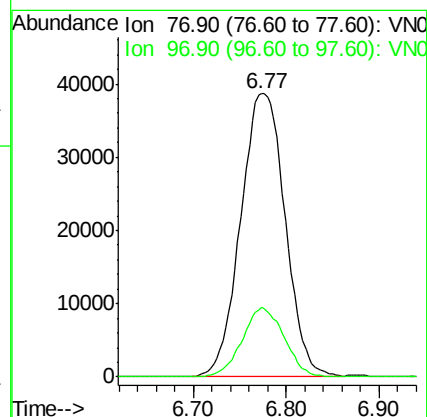
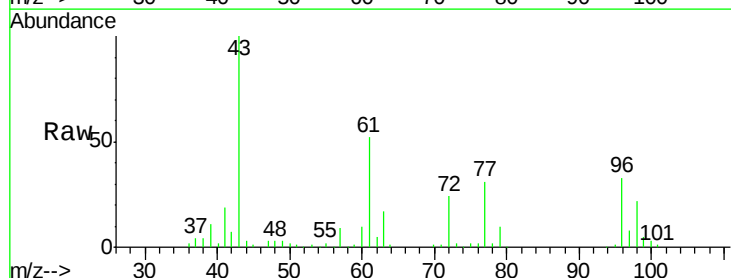
Acq: 15 Aug 2020 4:37

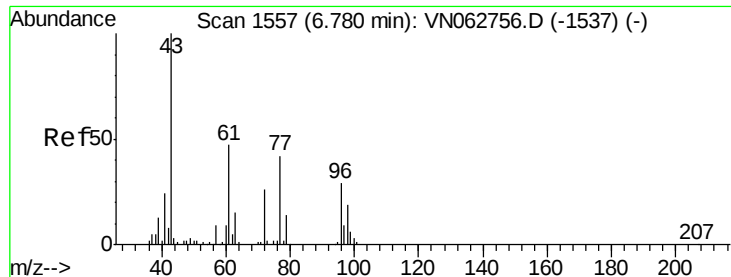
Tgt Ion: 77 Resp: 128816

Ion Ratio Lower Upper

77 100

97 23.0 10.5 31.6





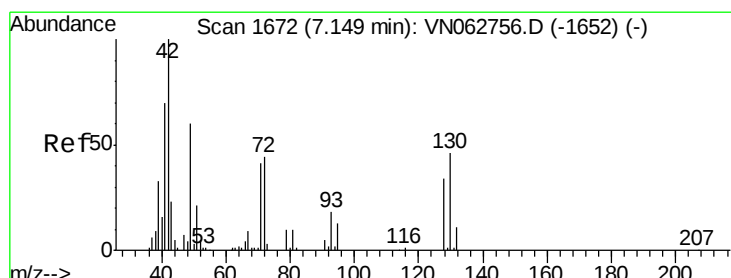
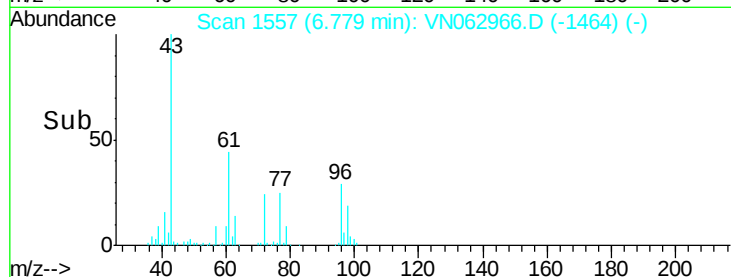
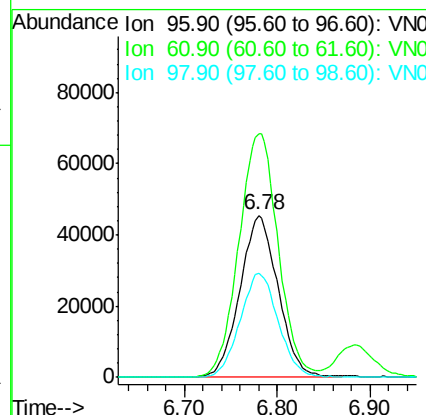
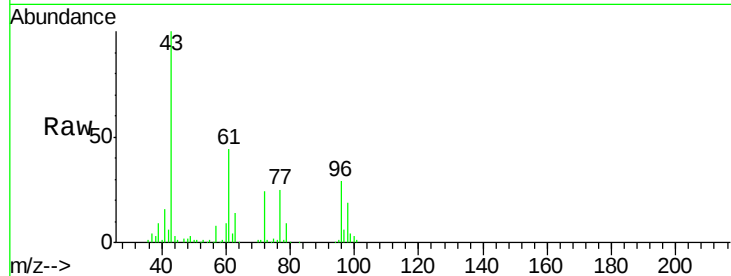
#27
 cis-1,2-Dichloroethene
 Concen: 71.379 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.8	0.0	332.2	
98	64.0	0.0	129.4	

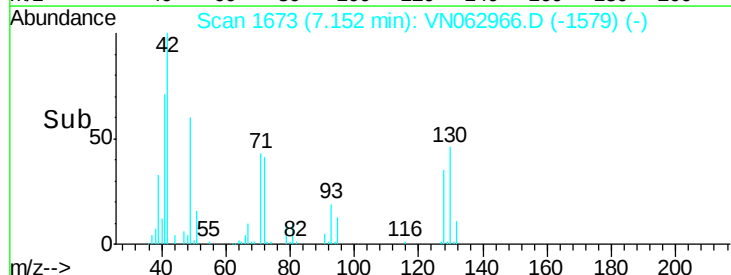
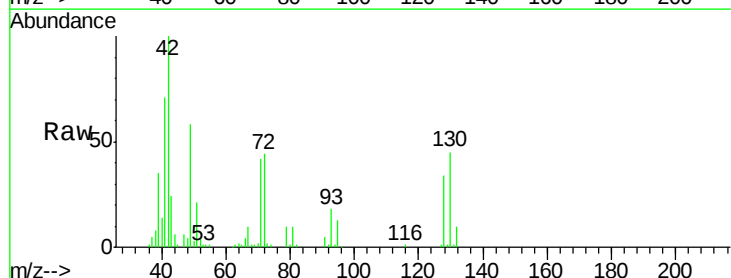
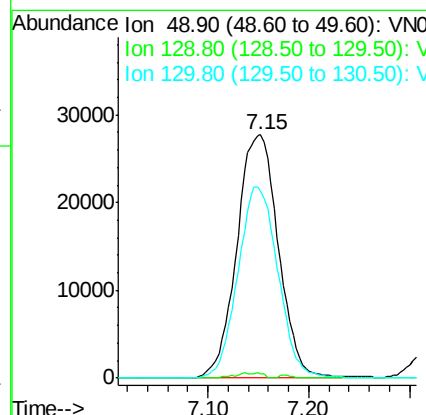
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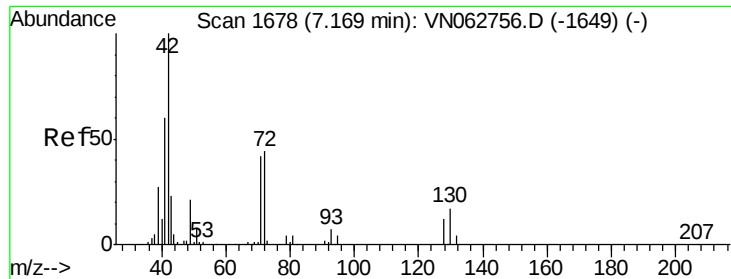
MMDadoda
 8/17/2020 11:43:33 AM



#28
 Bromochloromethane
 Concen: 49.471 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.3	0.0	3.2	
130	75.6	59.0	88.6	





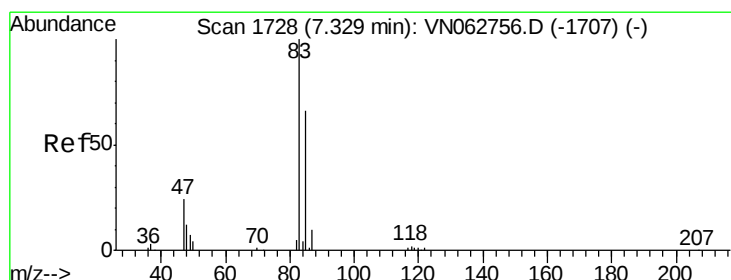
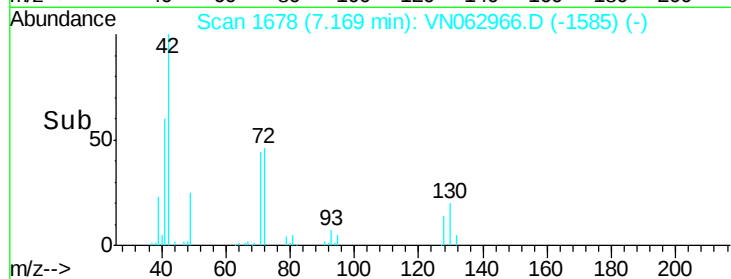
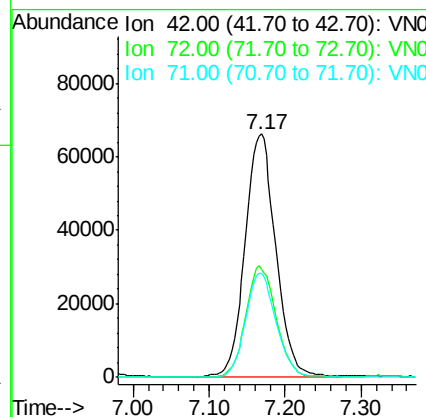
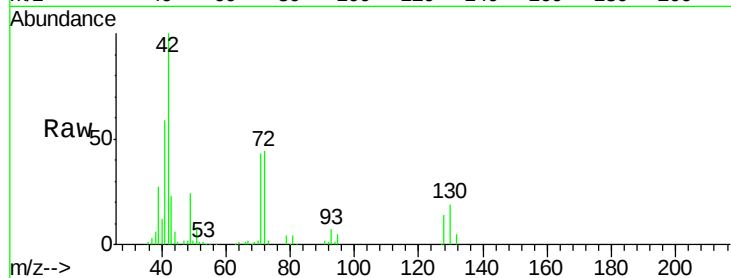
#29
Tetrahydrofuran
Concen: 223.343 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.0	52.4
71	42.6	33.2	49.8

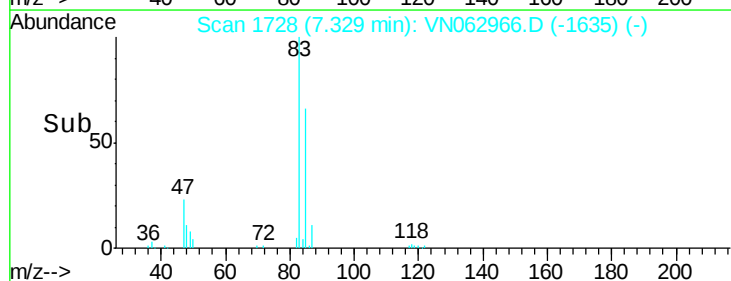
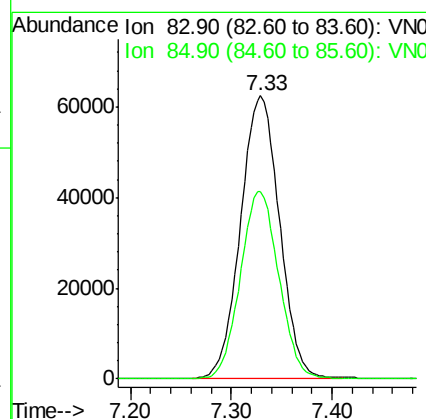
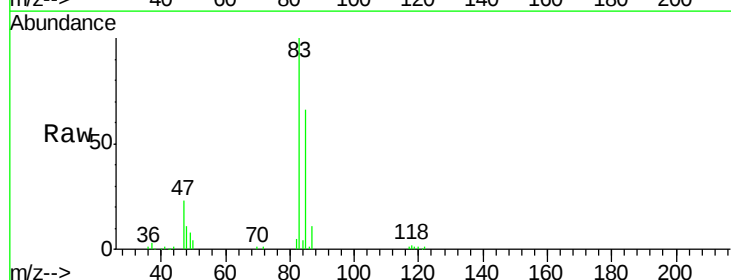
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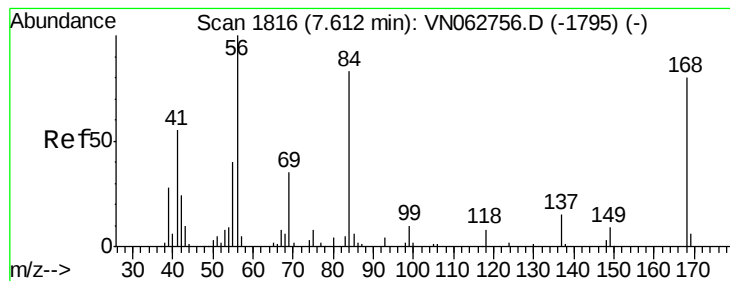
MMDadoda
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#30
Chloroform
Concen: 47.519 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.7	79.1





#31

Cyclohexane

Concen: 43.935 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 133788

Ion Ratio Lower Upper

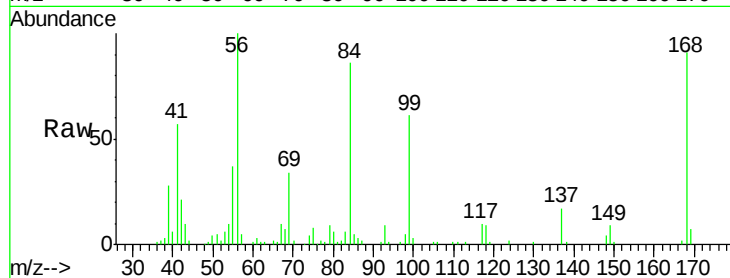
56 100

69 33.5 28.1 42.1

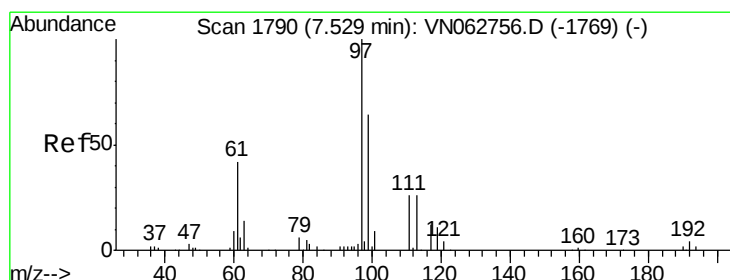
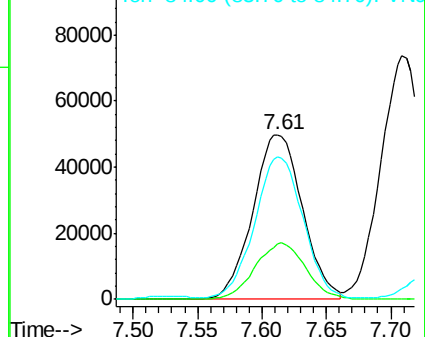
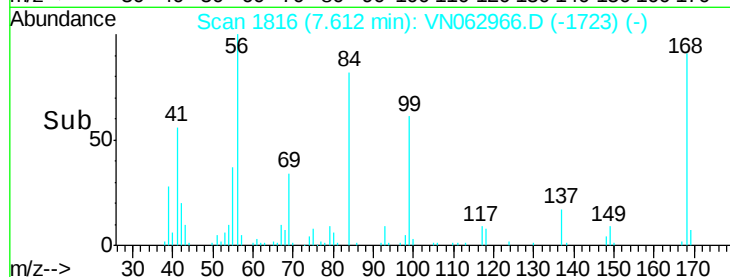
84 85.1 66.8 100.2

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Abundance Ion 56.00 (55.70 to 56.70): VN062966.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 46.278 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

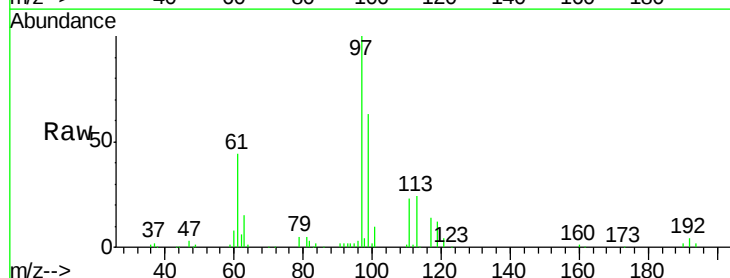
Tgt Ion: 97 Resp: 145867

Ion Ratio Lower Upper

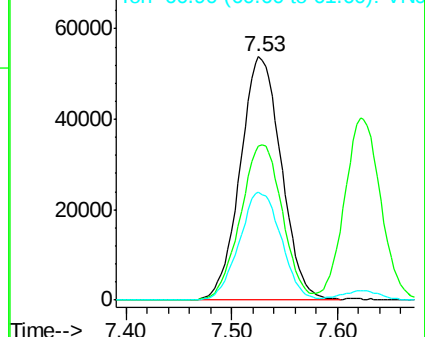
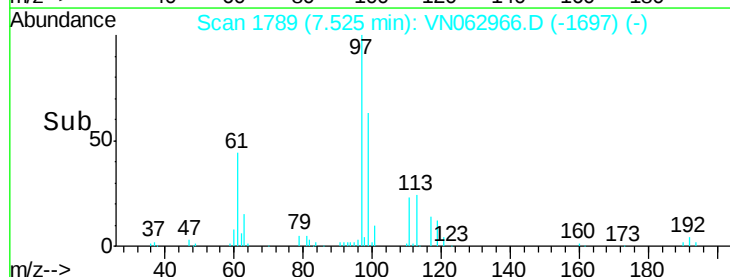
97 100

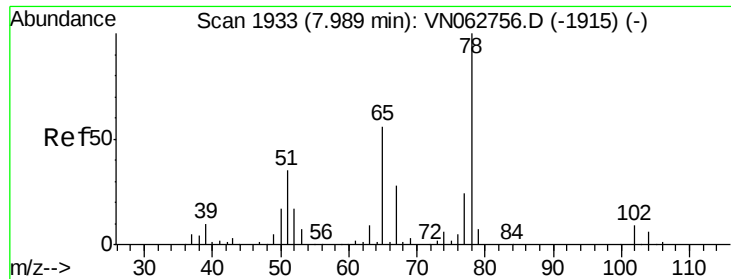
99 64.9 50.0 75.0

61 45.1 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN062966.D (-1697) (-)





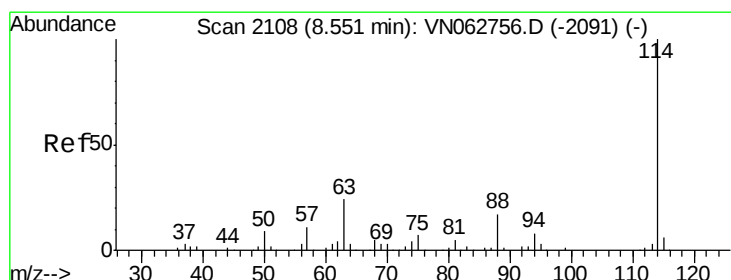
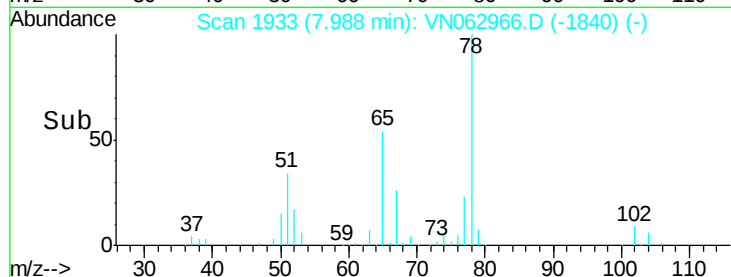
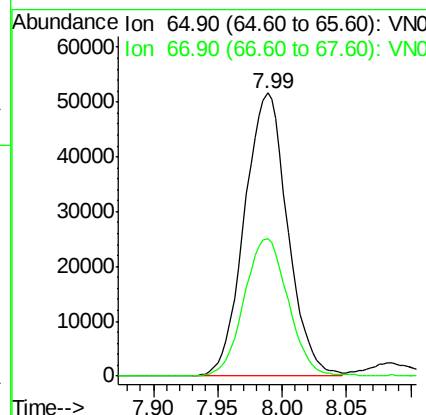
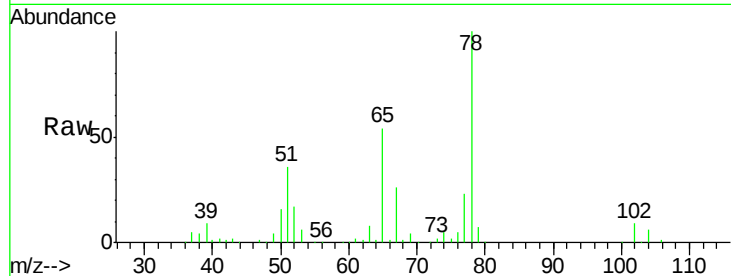
#33
 1,2-Dichloroethane-d4
 Concen: 48.002 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.6	0.0	101.4	

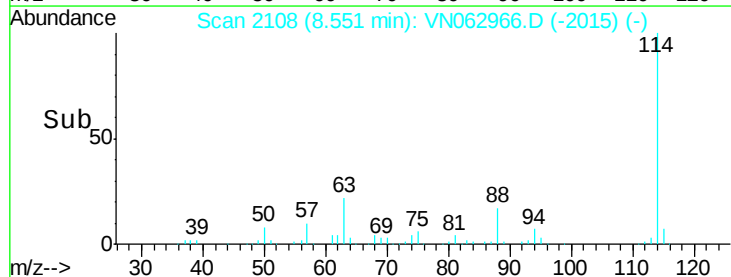
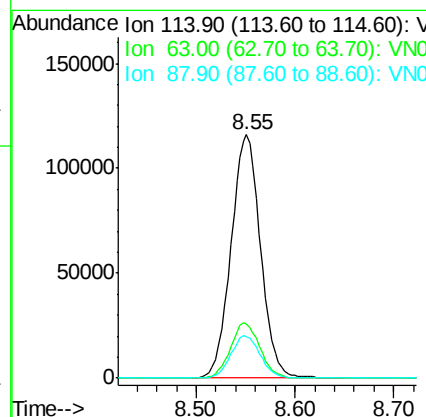
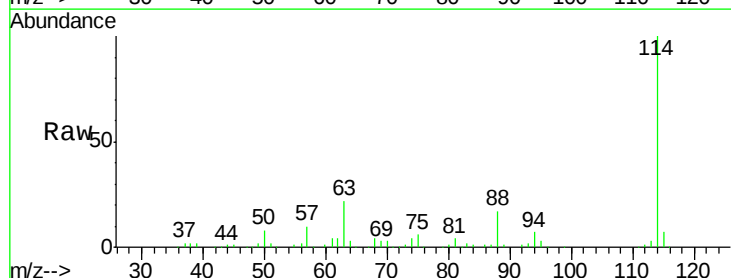
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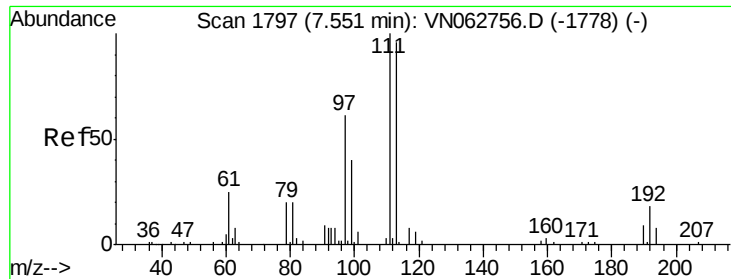
MMDadoda
 8/17/2020 11:43:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.1	0.0	47.6	
88	17.2	0.0	34.4	





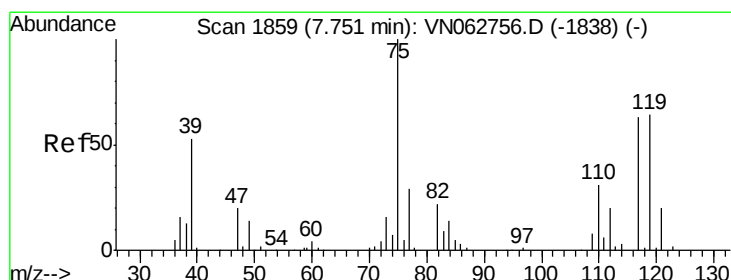
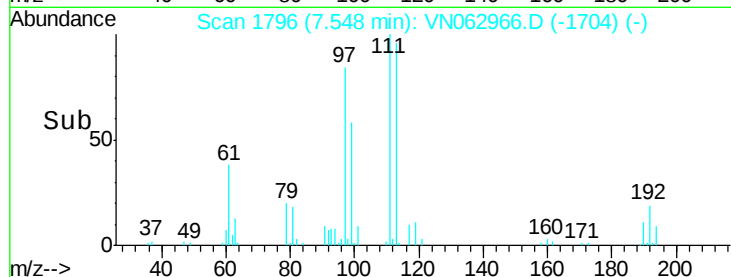
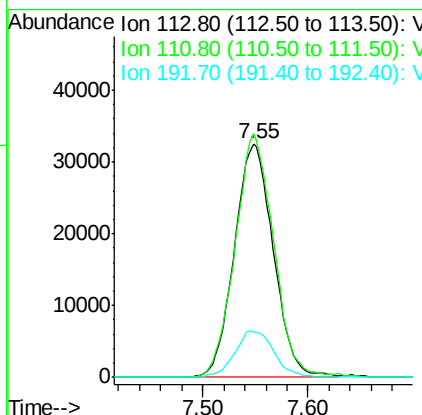
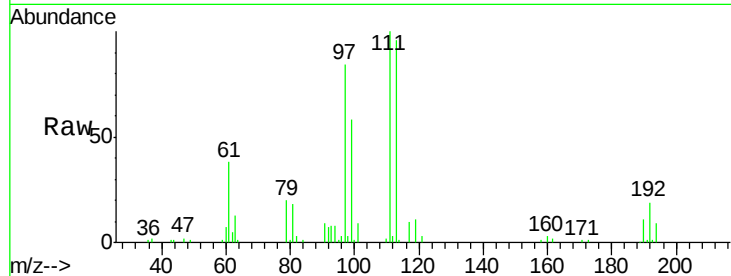
#35
 Dibromofluoromethane
 Concen: 50.470 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	83505		
111	102.6		81.8	122.6
192	19.9		15.0	22.4

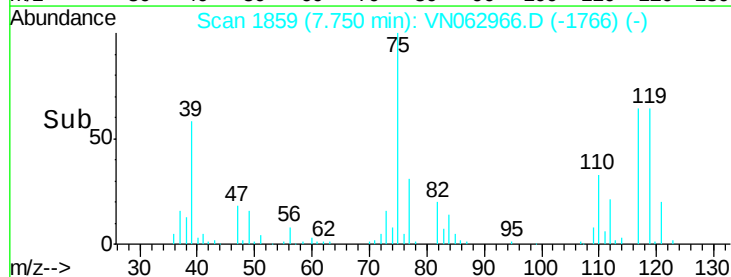
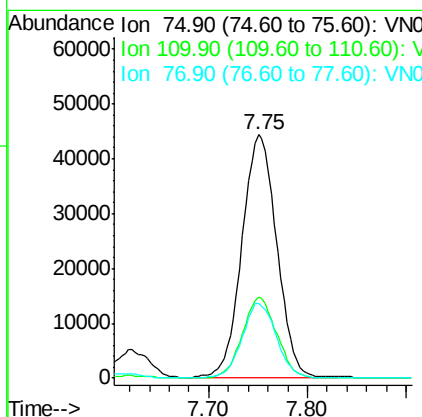
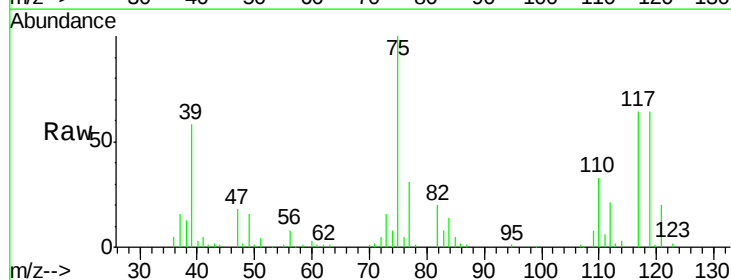
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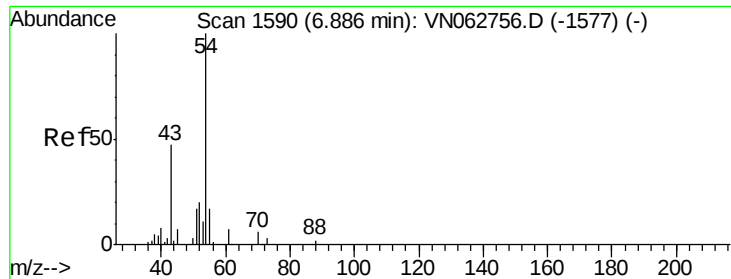
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 46.258 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	108944		
110	32.4		15.6	46.7
77	30.2		24.1	36.1





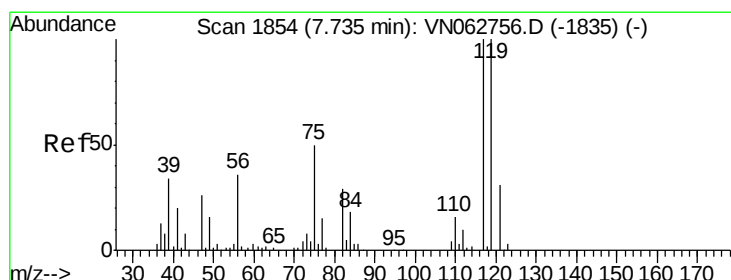
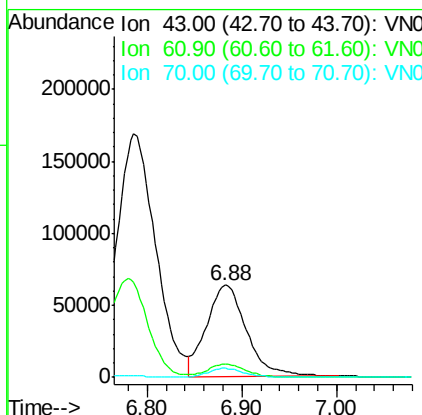
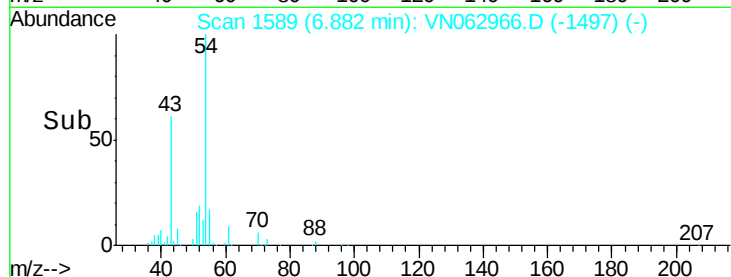
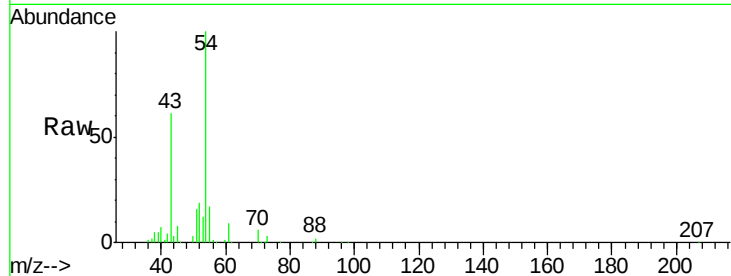
#37
Ethyl Acetate
Concen: 75.797 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	12.1	18.1
70	9.1	8.3	12.5

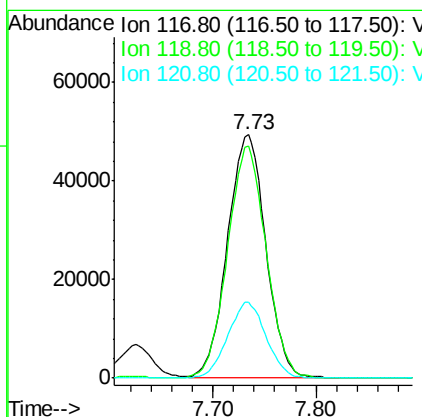
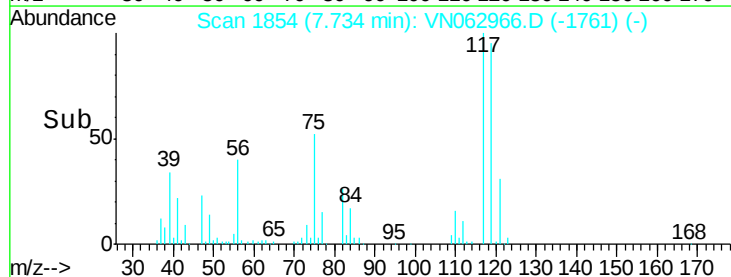
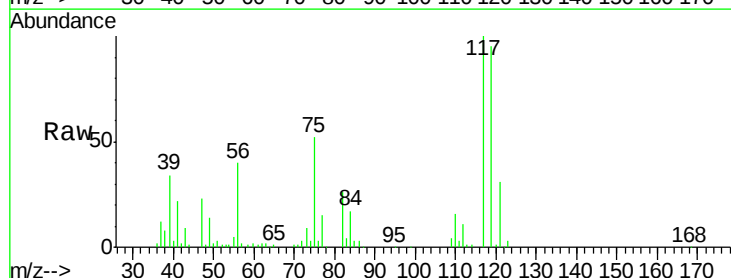
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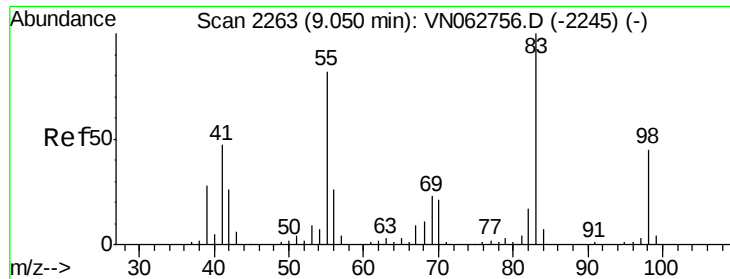
MMDadoda
8/17/2020 11:43:33 AM



#38
Carbon Tetrachloride
Concen: 45.953 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	79.4	119.2
121	31.0	24.9	37.3





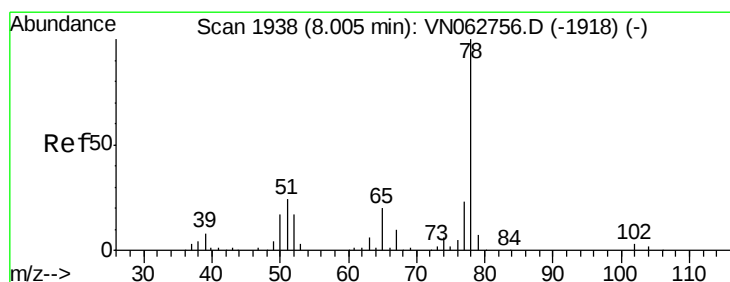
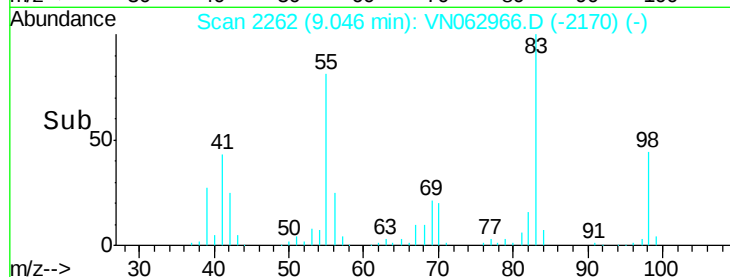
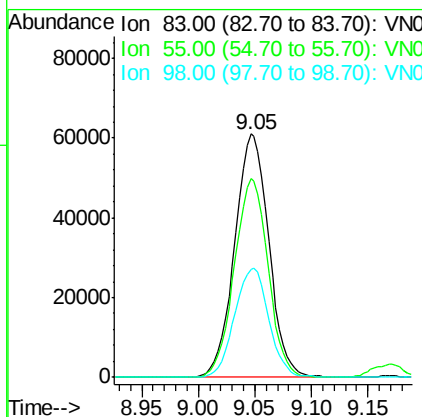
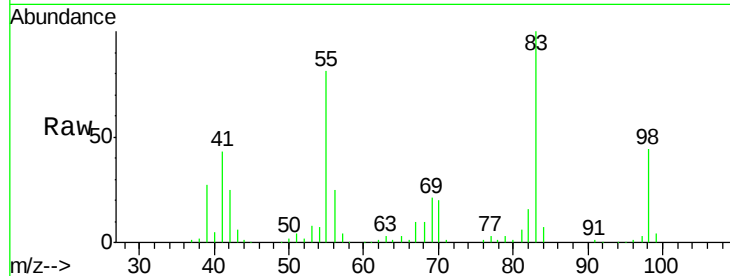
#39
Methvlcvclohexane
Concen: 45.254 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
55	81.5	65.7	98.5		
98	44.4	35.6	53.4		

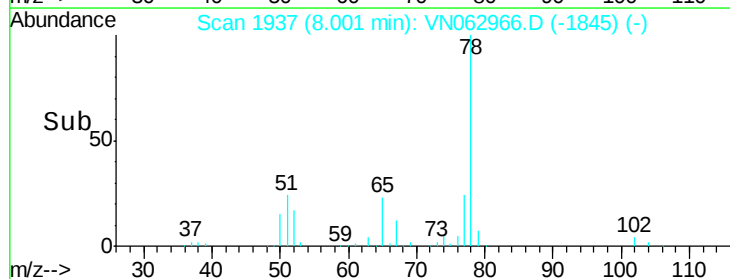
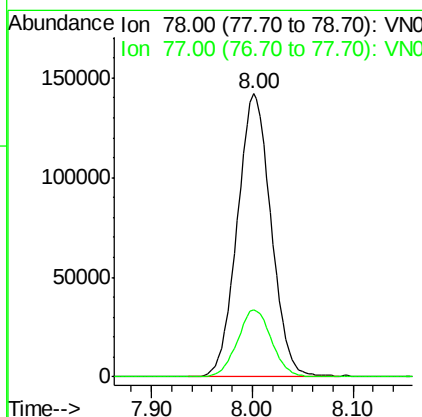
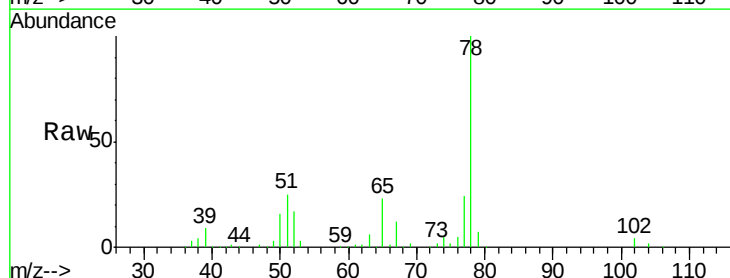
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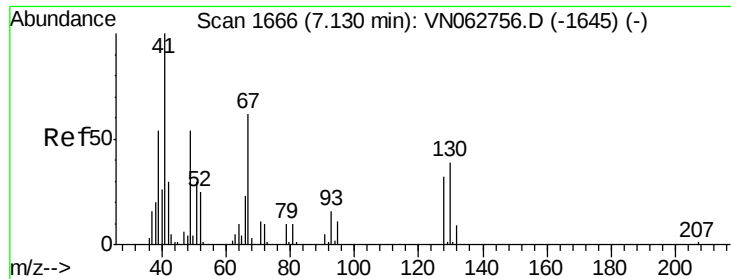
MMDadoda
8/17/2020 11:43:33 AM



#40
Benzene
Concen: 46.816 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
78	100				
77	23.8	18.1	27.1		





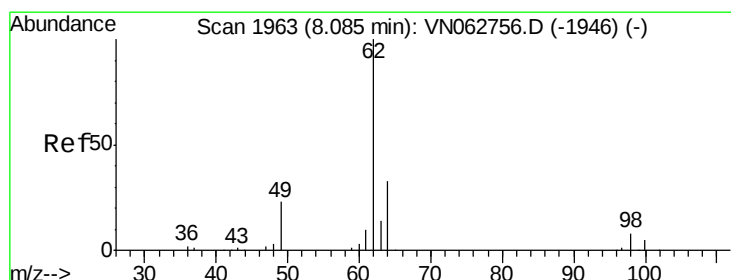
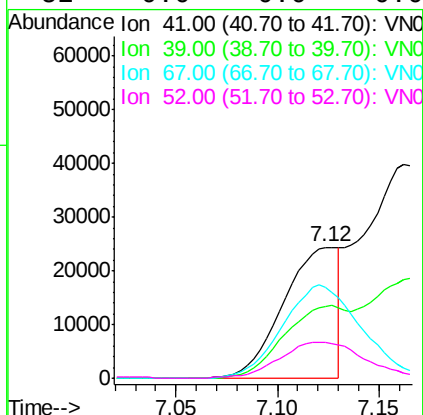
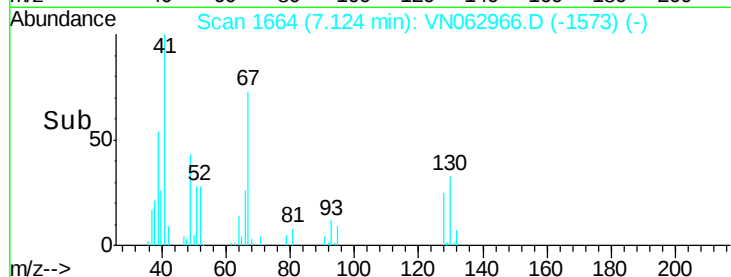
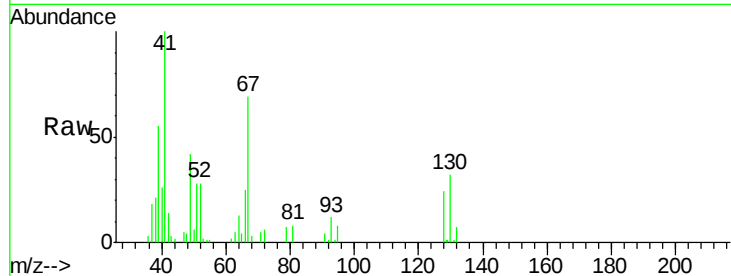
#41
Methacrylonitrile
Concen: 41.538 ug/l m
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot 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

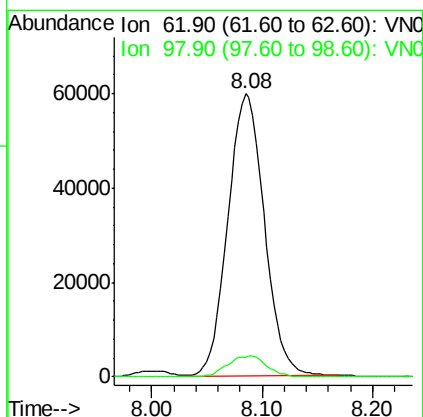
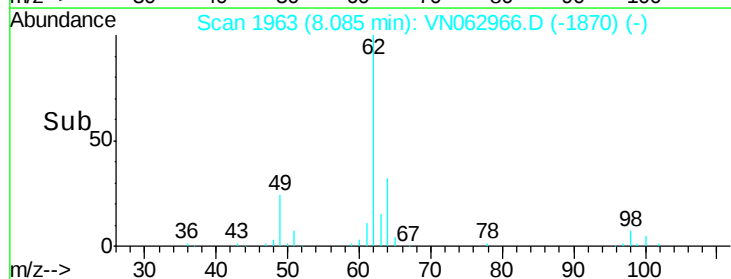
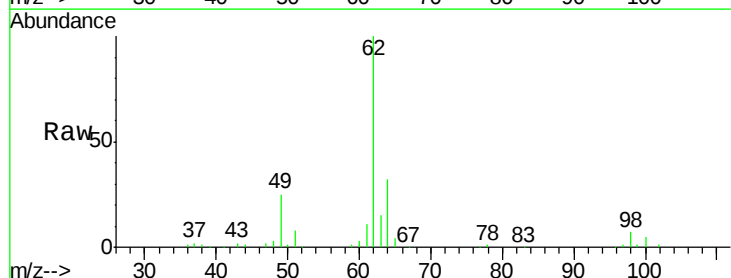
Manual Integrations
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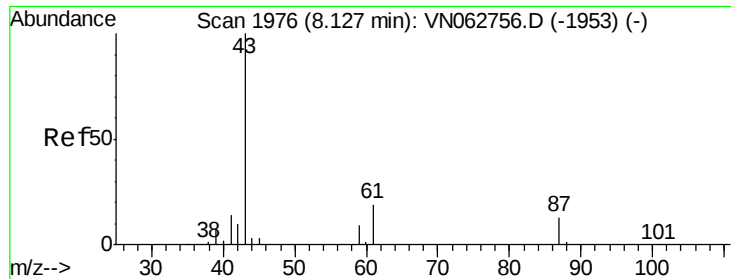
MMDadoda
8/17/2020 11:43:33 AM



#42
1,2-Dichloroethane
Concen: 45.905 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8





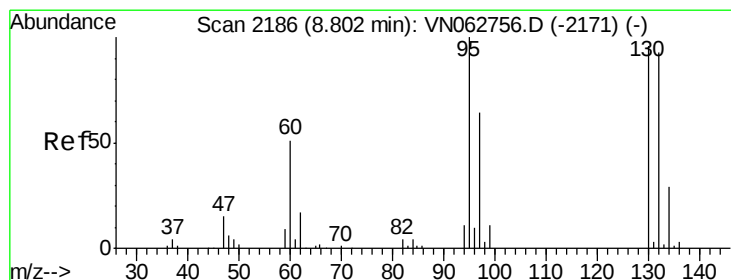
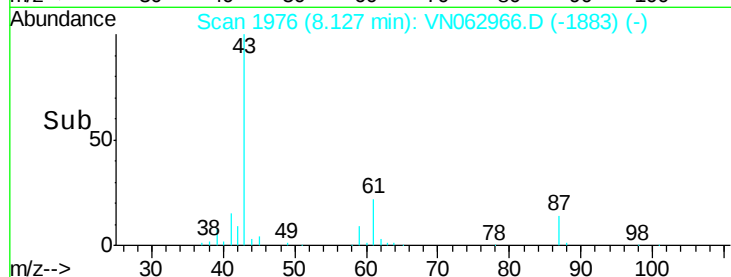
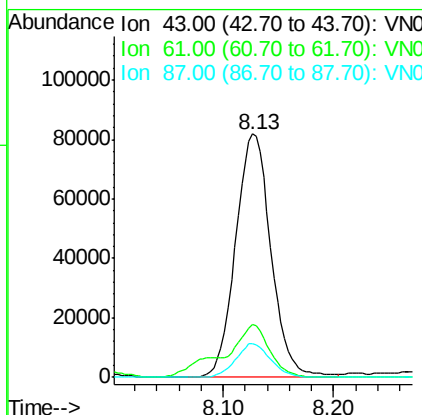
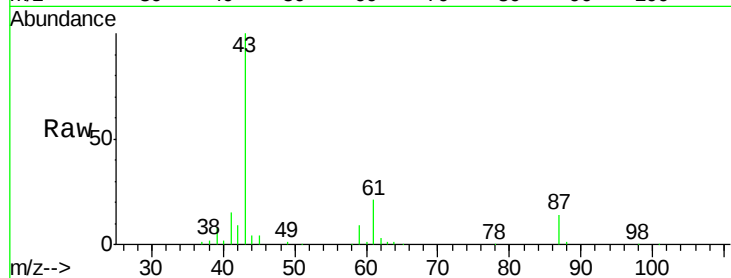
#43
Isopropyl Acetate
Concen: 44.036 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.8	23.6
87	13.6	9.9	14.9

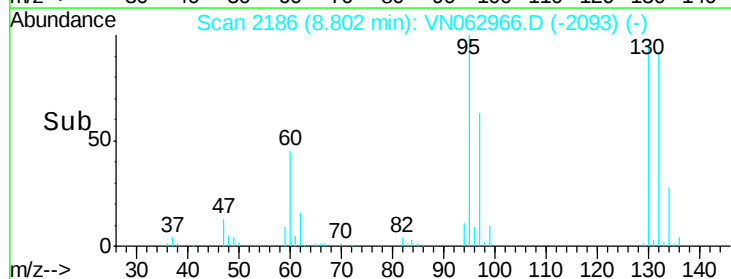
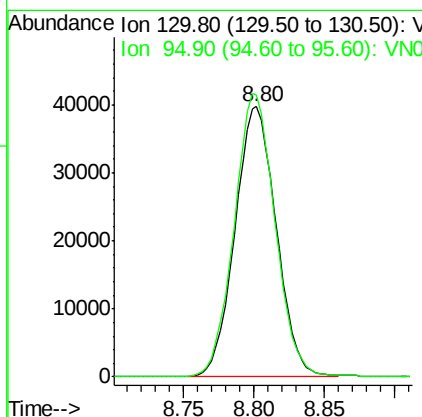
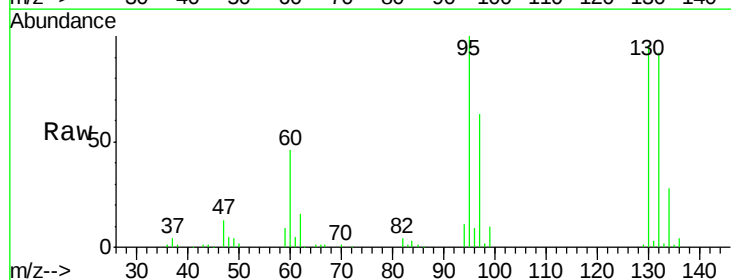
Manual Integrations
APPROVED

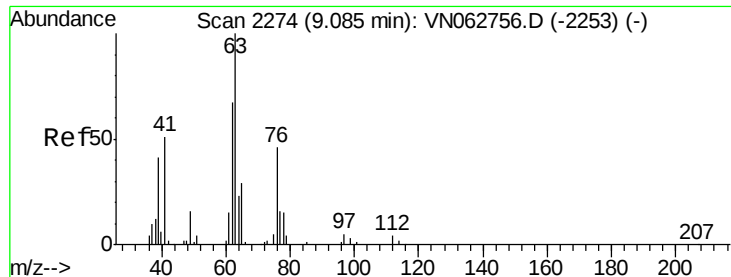
MMDadoda
8/17/2020 11:43:33 AM



#44
Trichloroethene
Concen: 47.565 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	207.6





#45

1,2-Dichloropropane

Concen: 49.176 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 93536

Ion Ratio Lower Upper

63 100

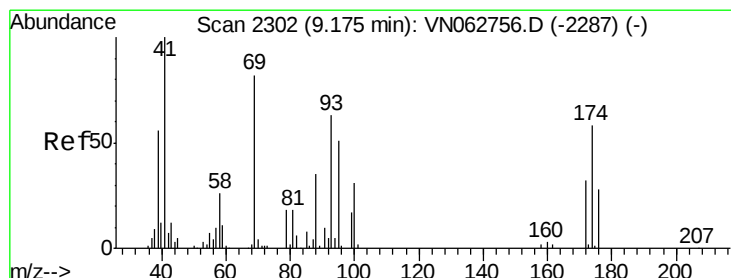
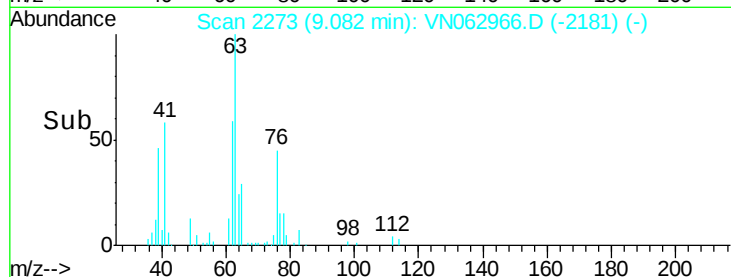
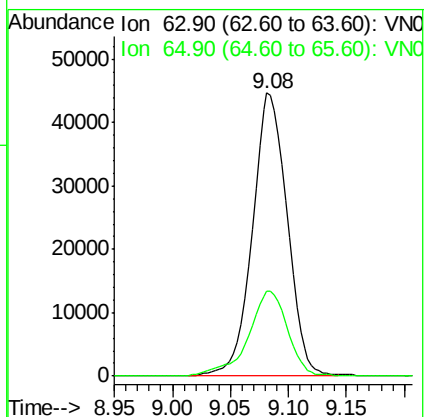
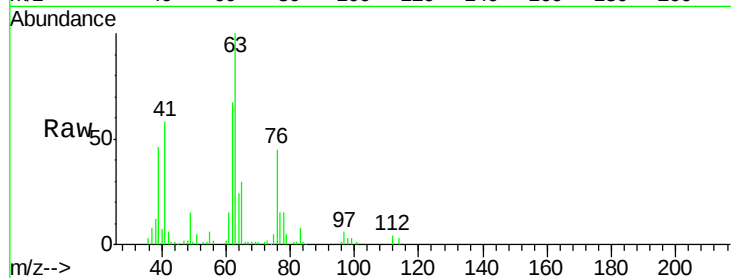
65 30.1 23.5 35.3

Manual Integrations

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#46

Dibromomethane

Concen: 48.809 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

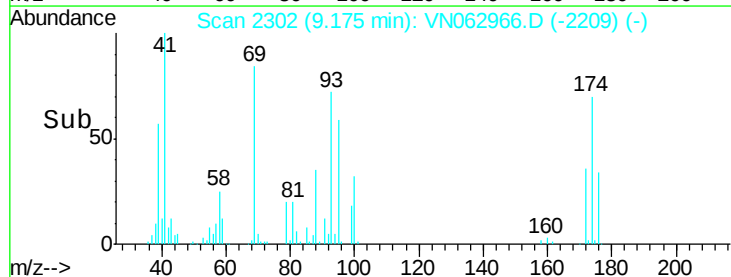
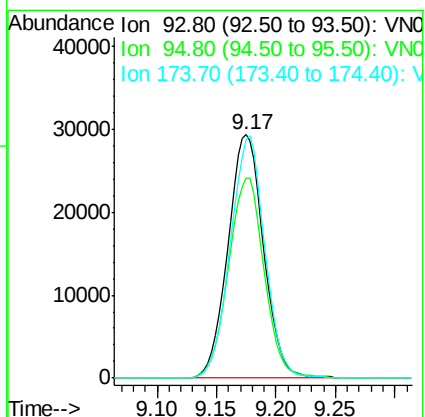
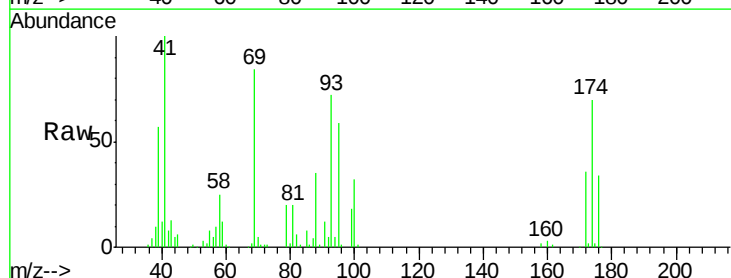
Tgt Ion: 93 Resp: 60829

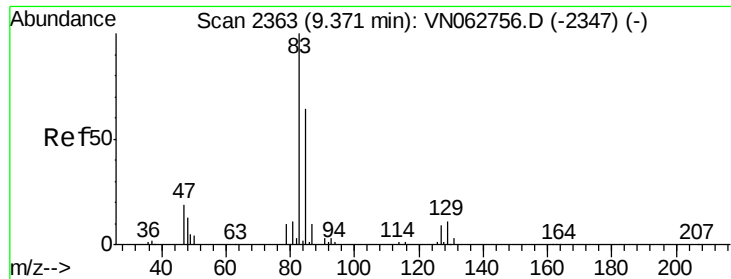
Ion Ratio Lower Upper

93 100

95 82.4 65.1 97.7

174 96.1 73.9 110.9





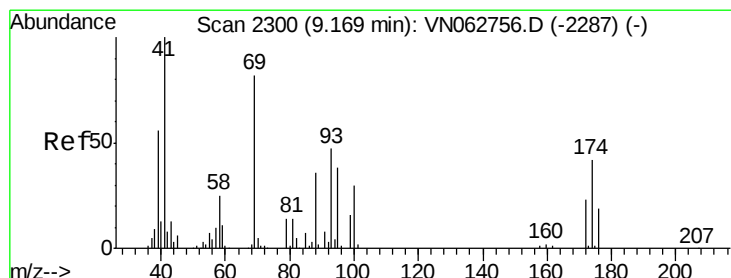
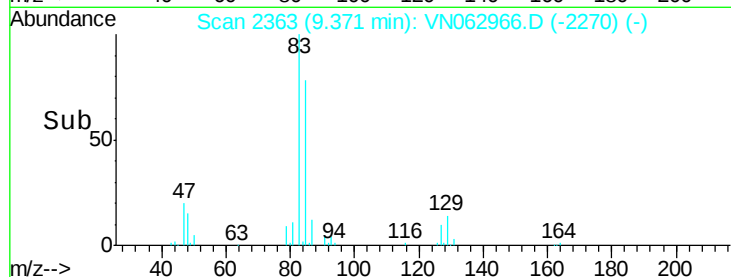
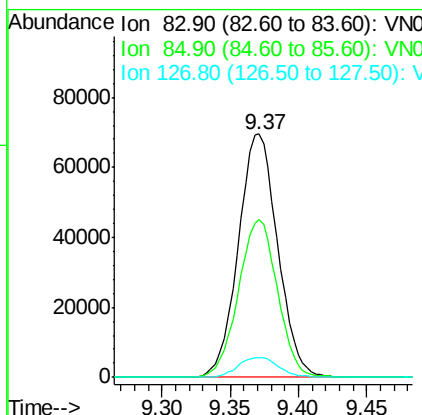
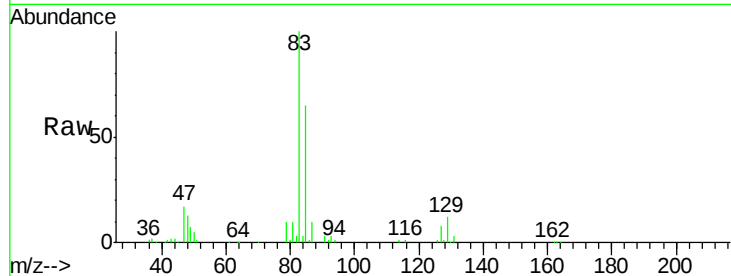
#47
Bromodichloromethane
Concen: 49.791 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	139367		
85	64.6	51.4	77.0	
127	8.2	6.9	10.3	

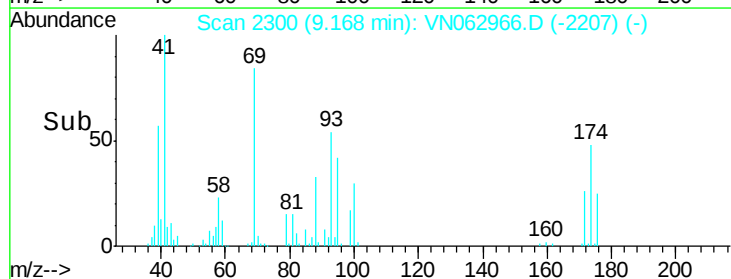
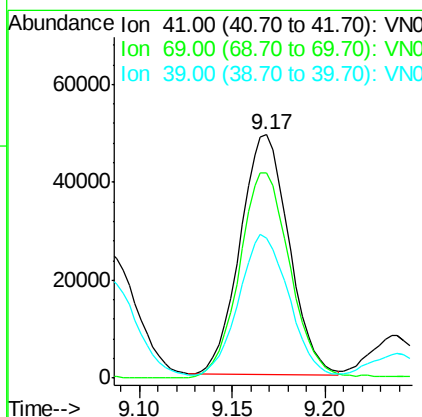
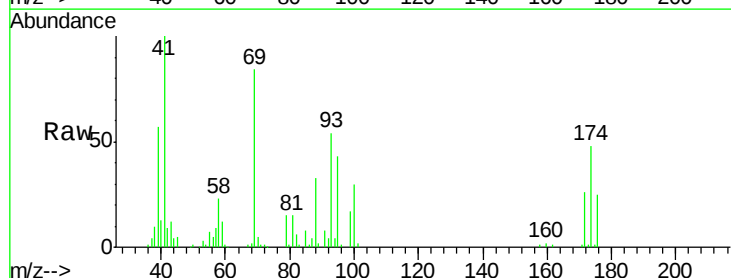
Manual Integrations
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#48
Methyl methacrylate
Concen: 44.239 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	89289		
69	89.0	67.4	101.2	
39	61.7	47.6	71.4	





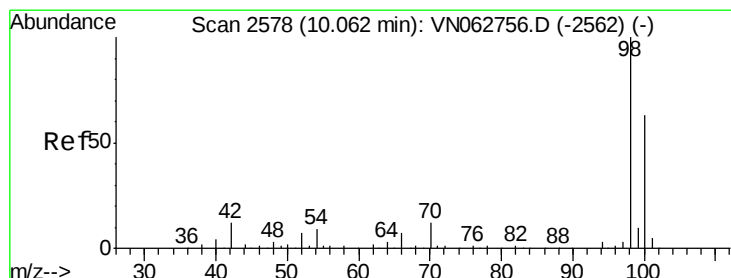
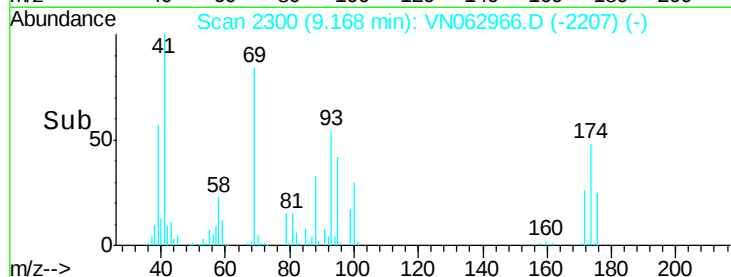
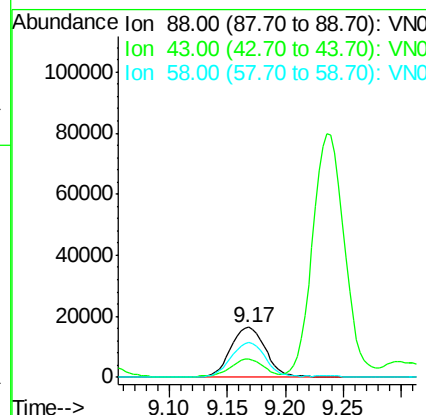
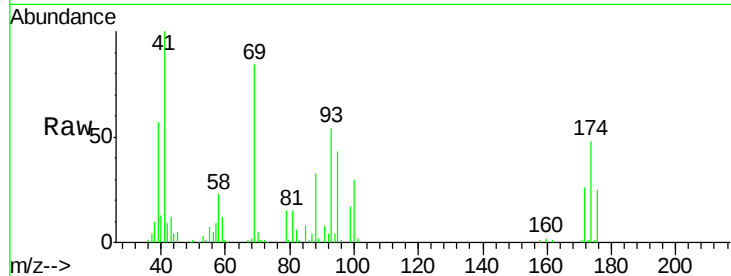
#49
1,4-Dioxane
Concen: 926.713 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	29.5	44.3
58	68.5	59.8	89.8

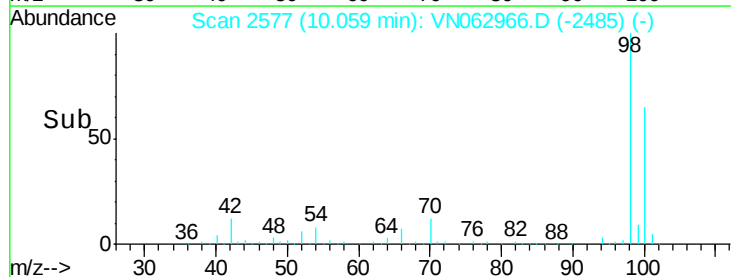
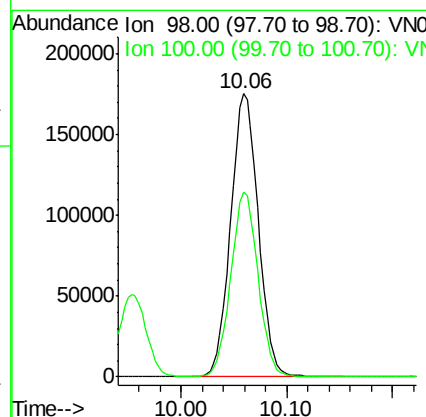
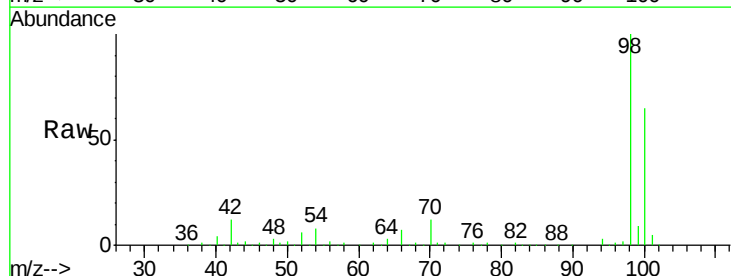
Manual Integrations
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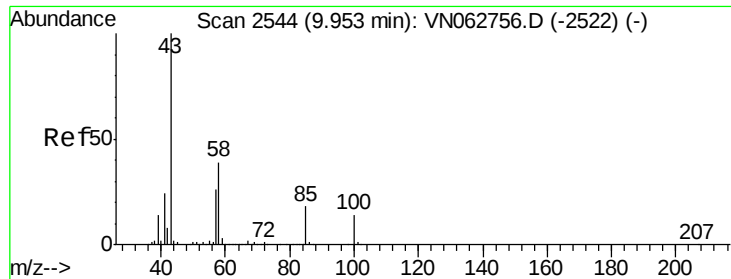
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#50
Toluene-d8
Concen: 49.157 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





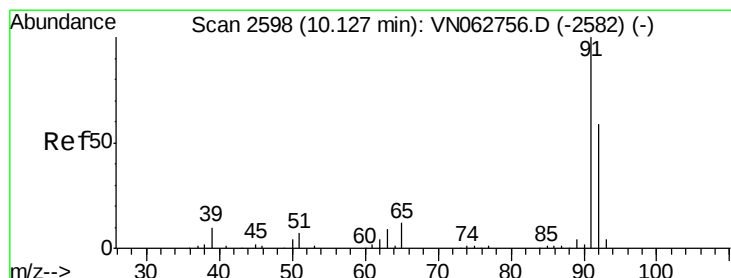
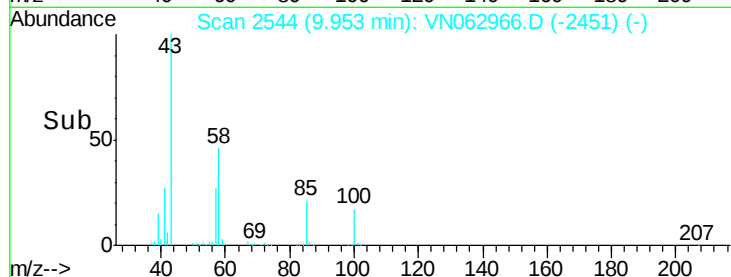
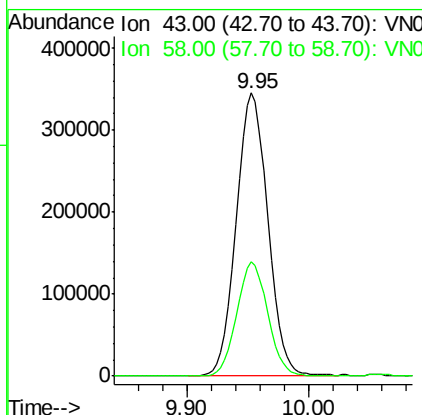
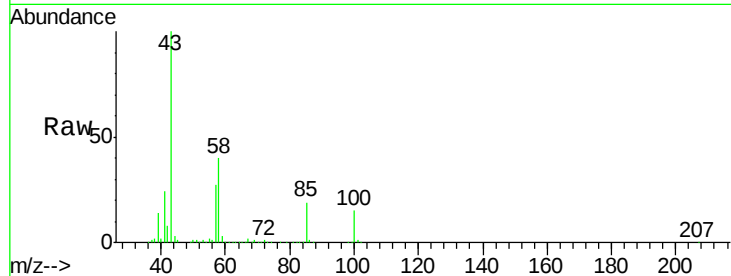
#51
4-Methyl-2-Pentanone
Concen: 232.631 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.1	46.7

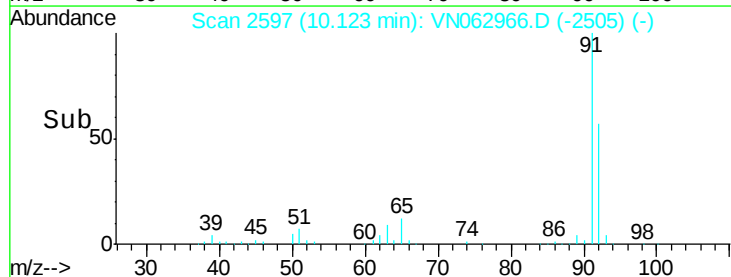
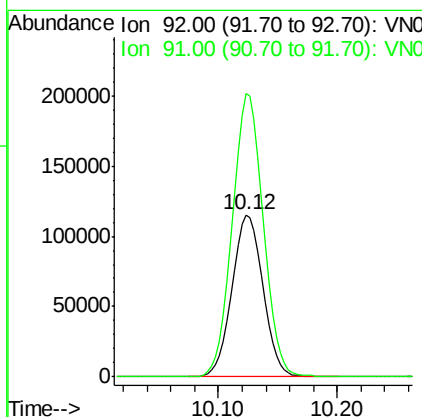
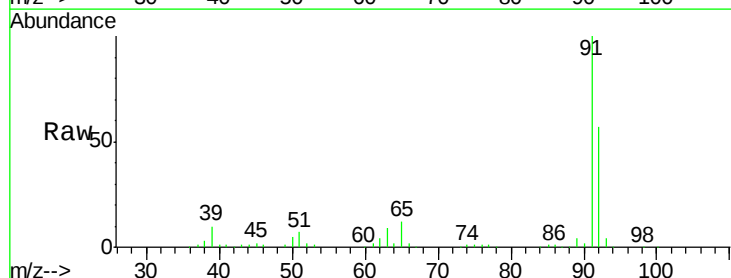
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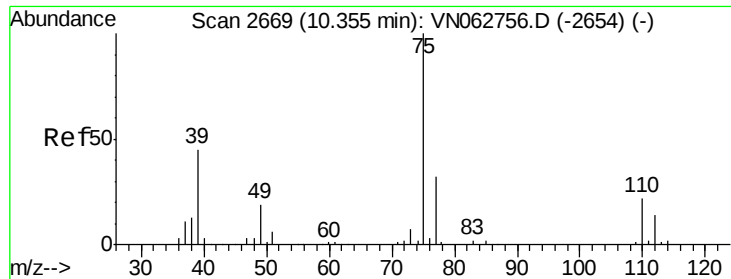
MMDadoda
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#52
Toluene
Concen: 47.945 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.9	138.9	208.3





#53

t-1,3-Dichloropropene

Concen: 45.036 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 138658

Ion Ratio Lower Upper

75 100

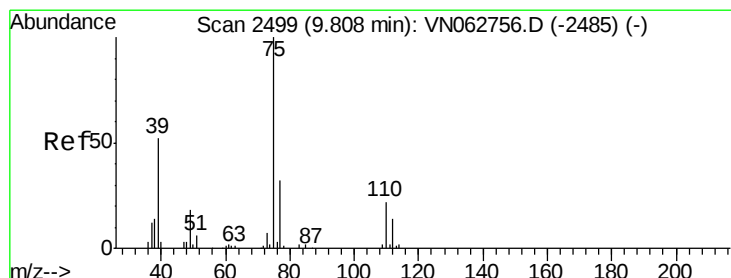
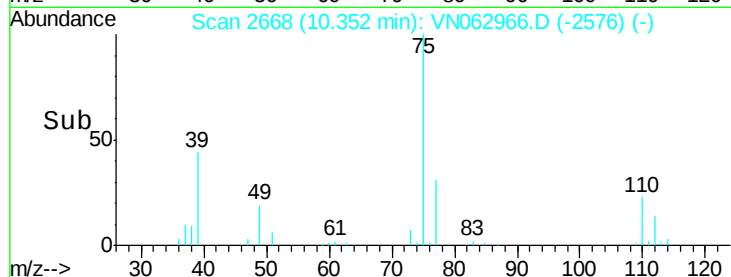
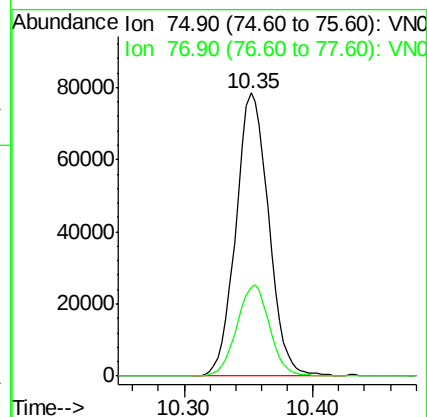
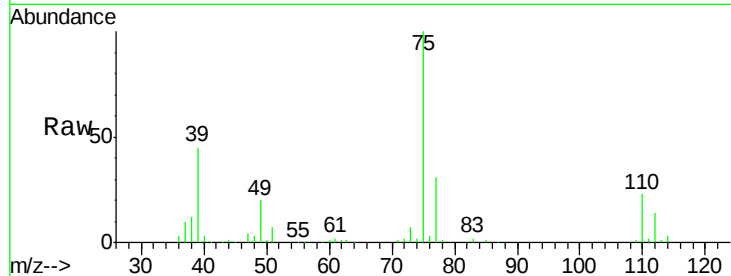
77 31.2 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 46.925 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

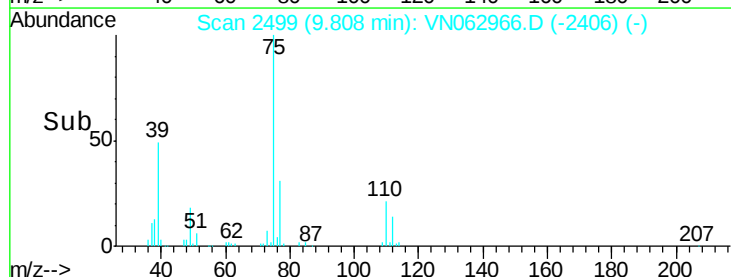
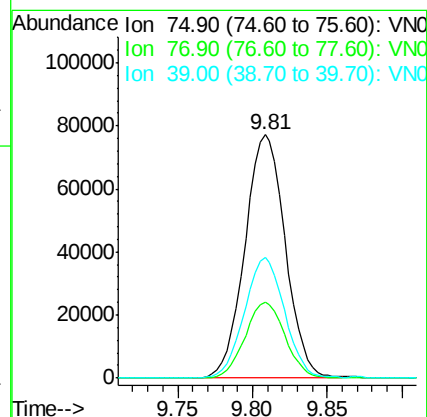
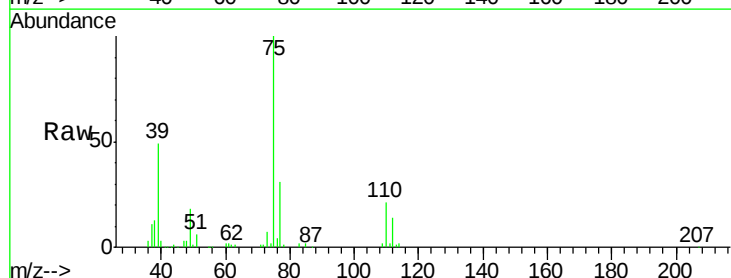
Tgt Ion: 75 Resp: 145055

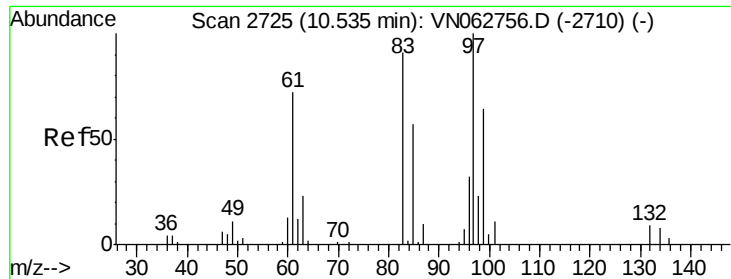
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 49.5 41.9 62.9





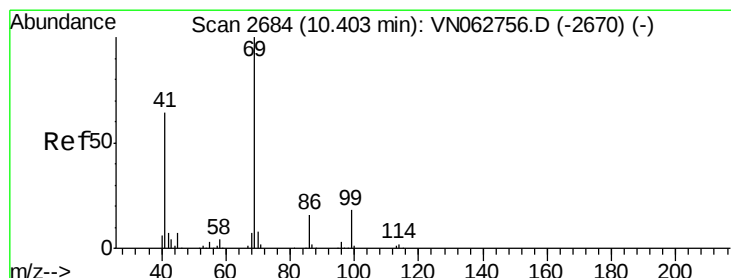
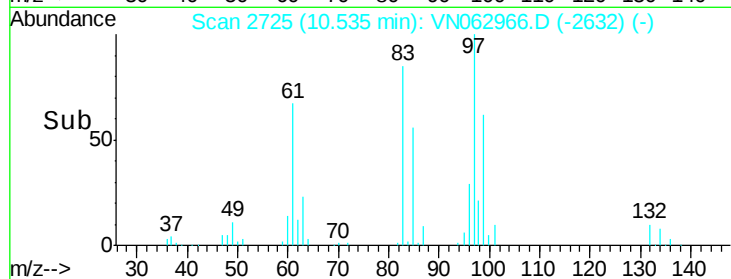
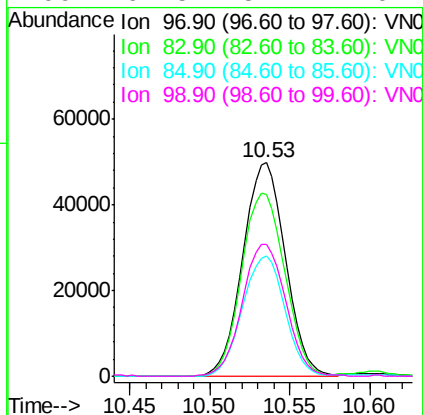
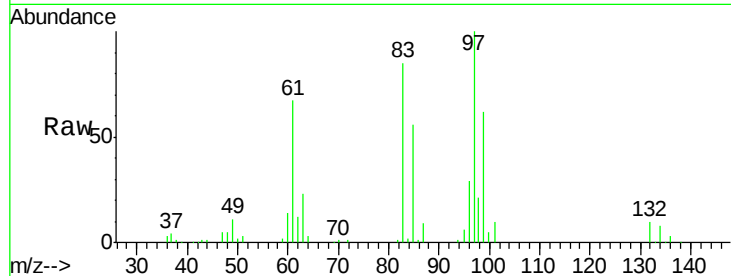
#55
 1,1,2-Trichloroethane
 Concen: 48.937 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	90690
Ion	Ratio	Lower	Upper
97	100		
83	85.0	72.6	108.8
85	56.2	46.0	69.0
99	61.5	51.1	76.7

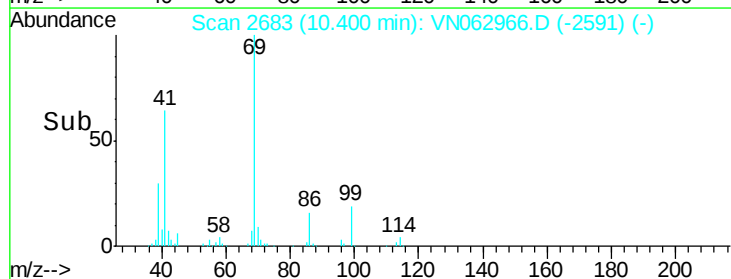
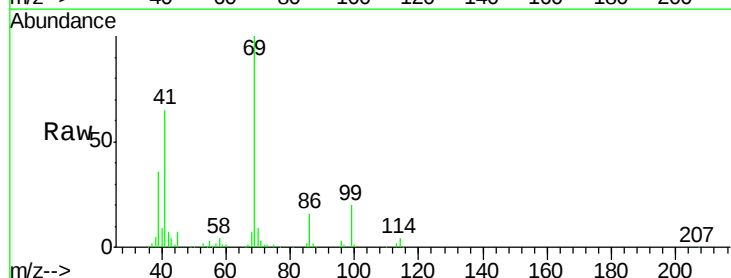
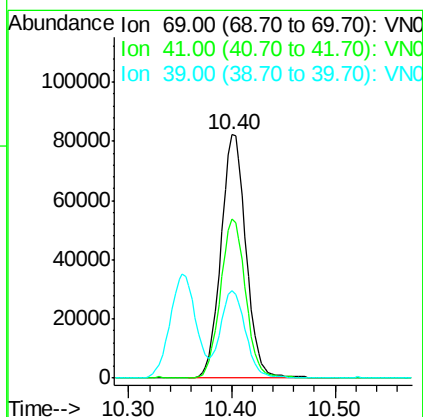
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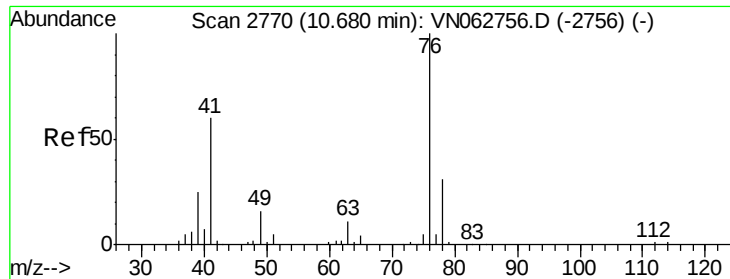
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#56
 Ethyl methacrylate
 Concen: 49.944 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion:	69	Resp:	139315
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.2	78.2
39	35.8	30.9	46.3





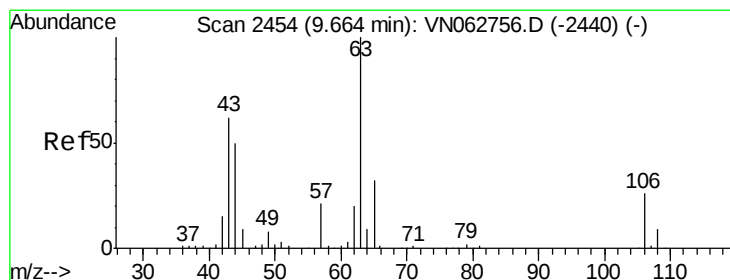
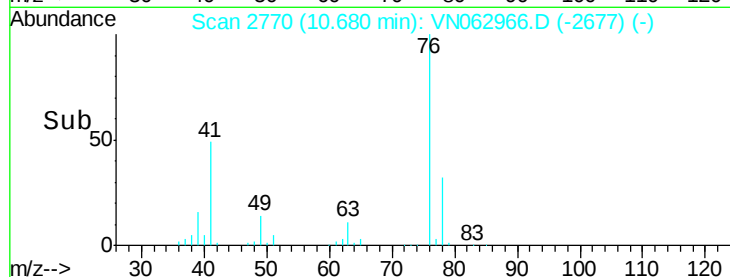
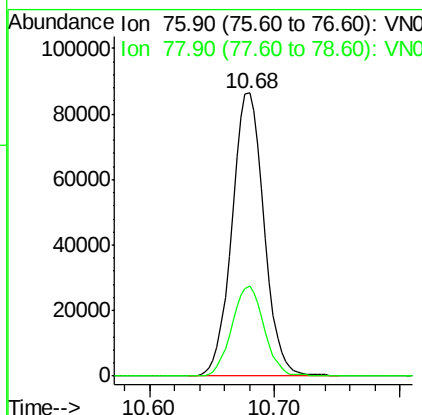
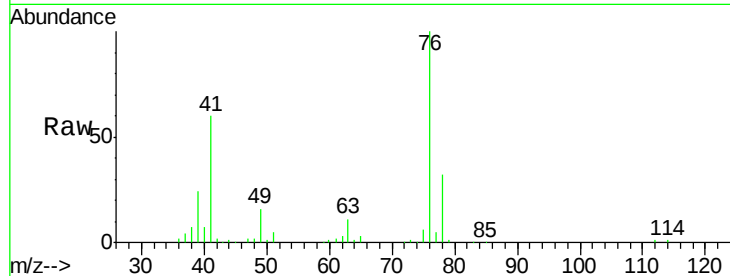
#57
 1,3-Dichloropropane
 Concen: 48.687 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 153308
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.4 38.0

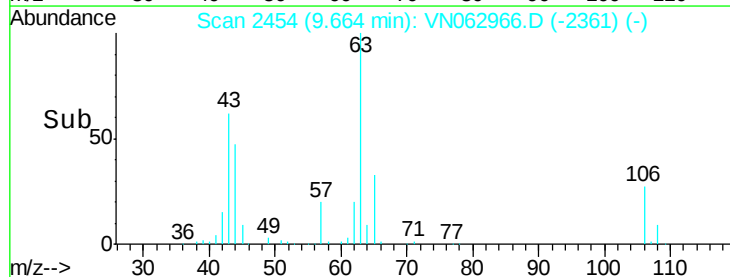
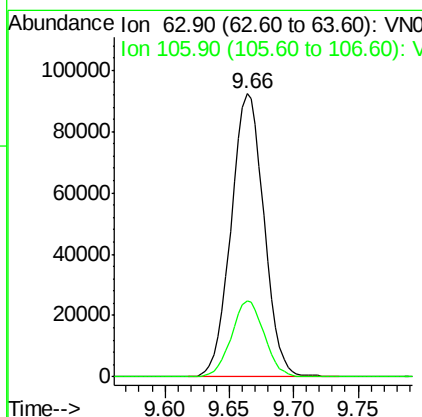
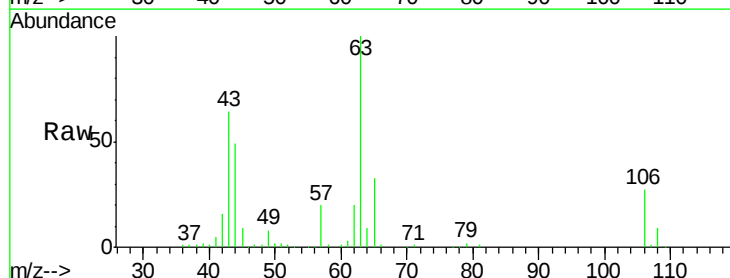
Manual Integrations
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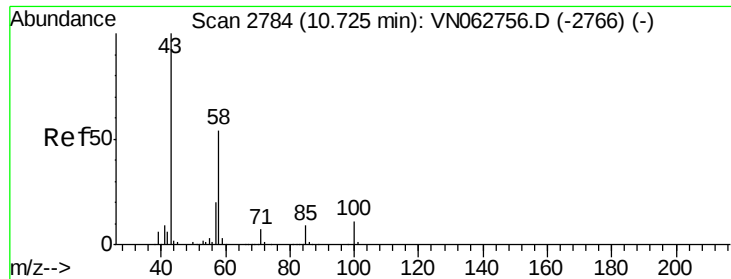
MMDadoda
 8/17/2020 11:43:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 207.783 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion: 63 Resp: 163831
 Ion Ratio Lower Upper
 63 100
 106 26.7 20.9 31.3





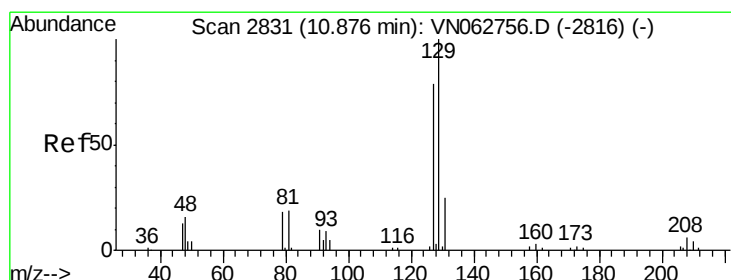
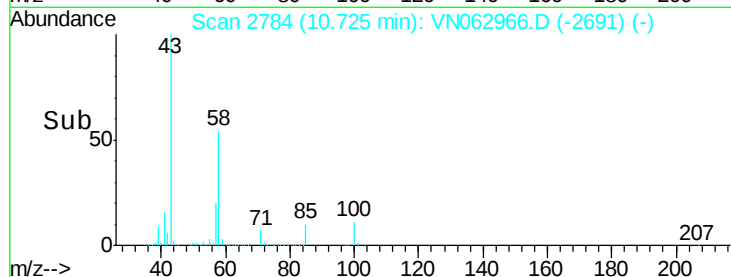
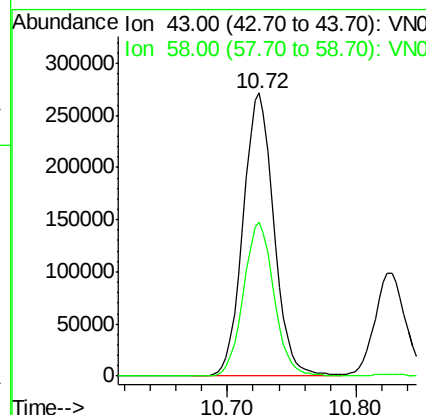
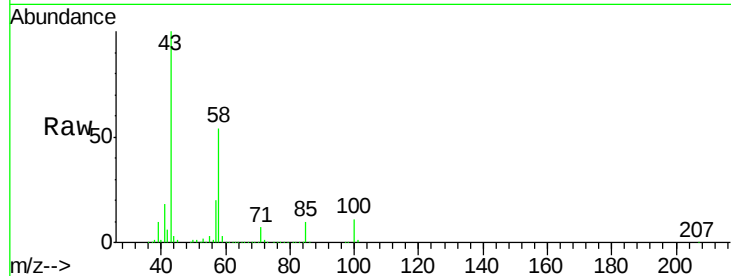
#59
2-Hexanone
Concen: 226.846 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 449264
Ion Ratio Lower Upper
43 100
58 54.2 26.7 80.1

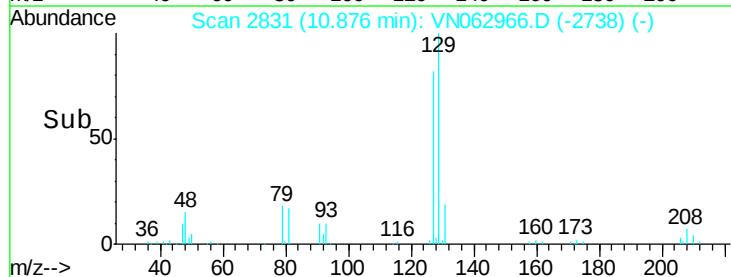
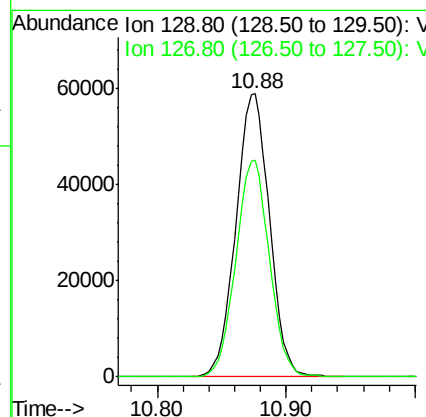
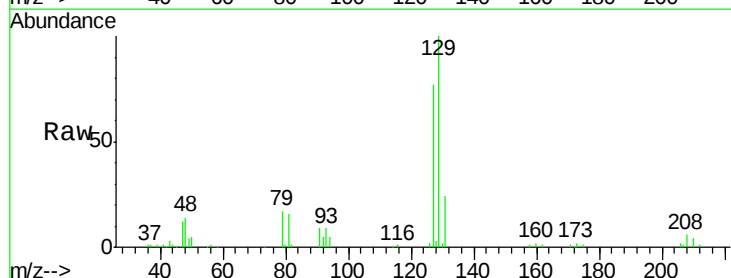
Manual Integrations
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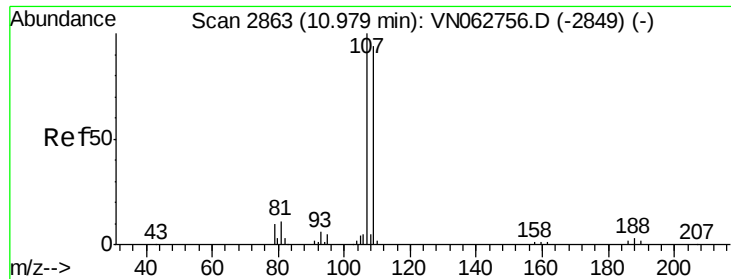
MMDadoda
8/17/2020 11:43:33 AM



#60
Dibromochloromethane
Concen: 50.280 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 129 Resp: 106333
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





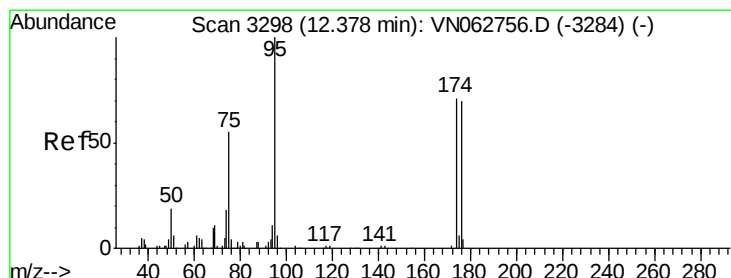
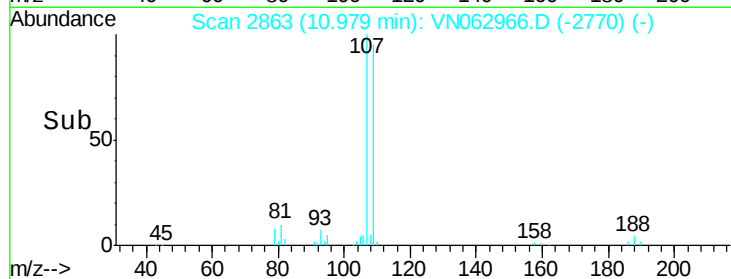
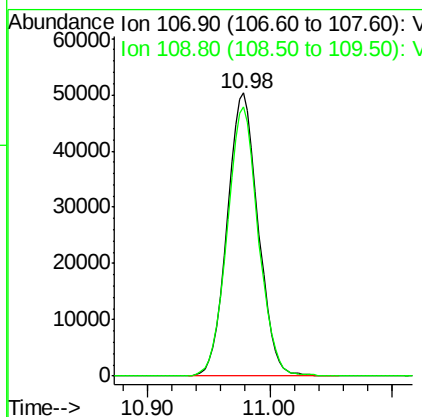
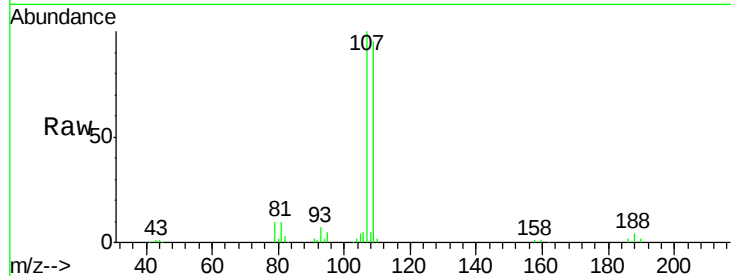
#61
 1,2-Dibromoethane
 Concen: 48.717 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	76.1	114.1

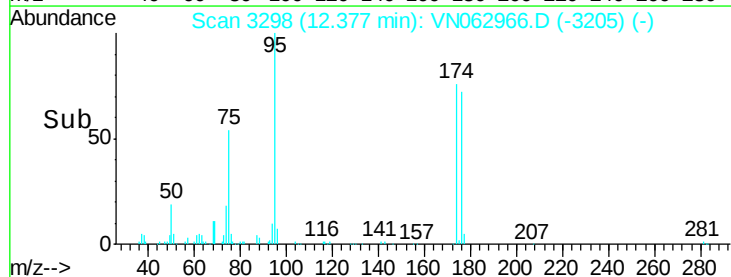
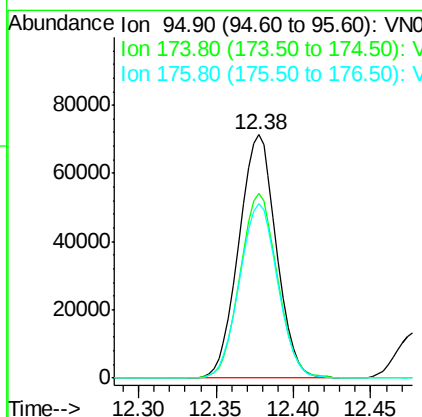
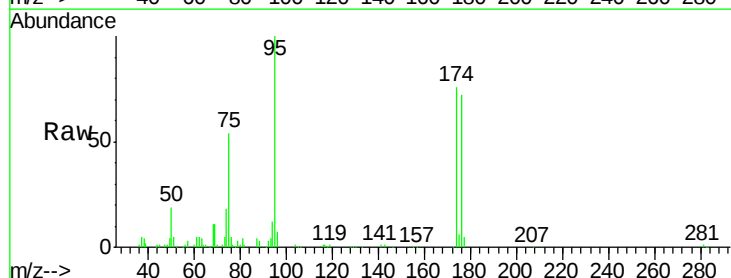
Manual Integrations
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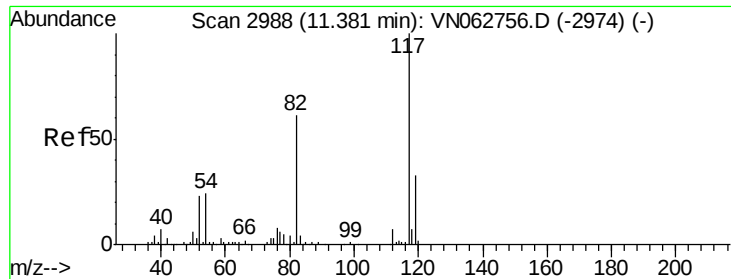
MMDadoda
 8/17/2020 11:43:33 AM



#62
 4-Bromofluorobenzene
 Concen: 49.337 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	144.8
176	73.1	0.0	142.2





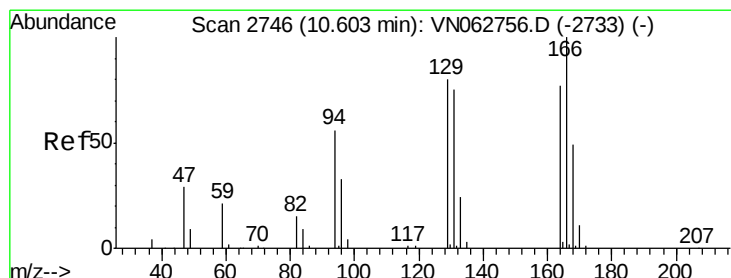
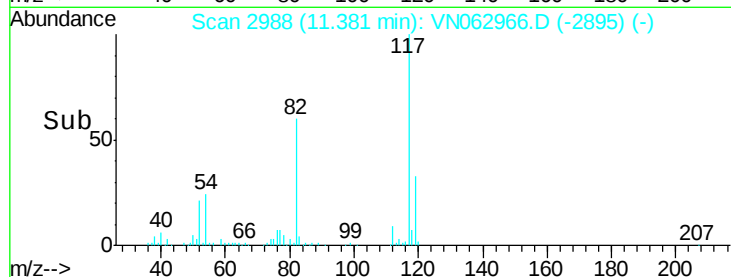
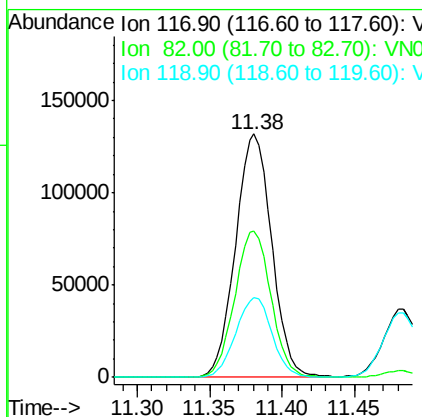
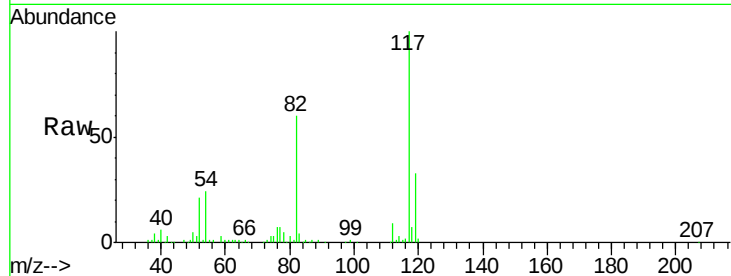
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	229153		
82	60.3	49.0	73.4	
119	33.0	26.2	39.2	

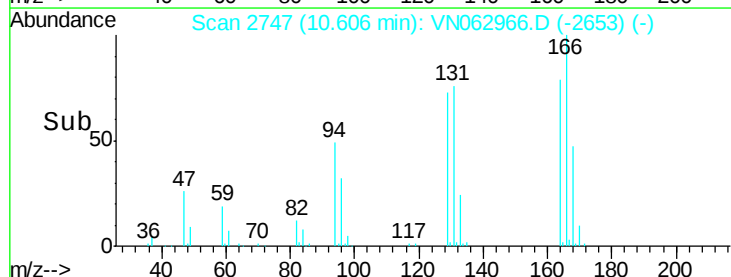
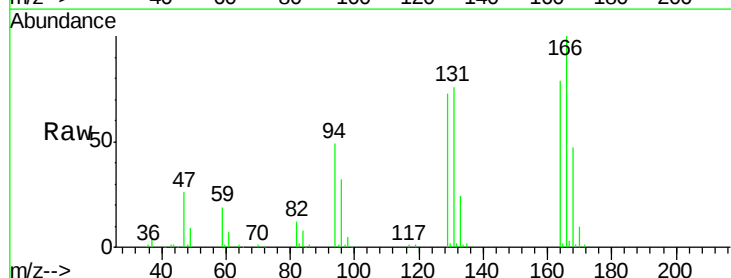
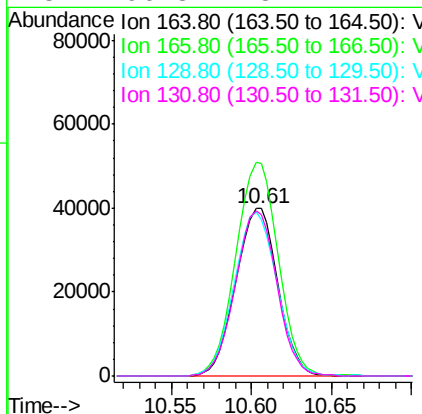
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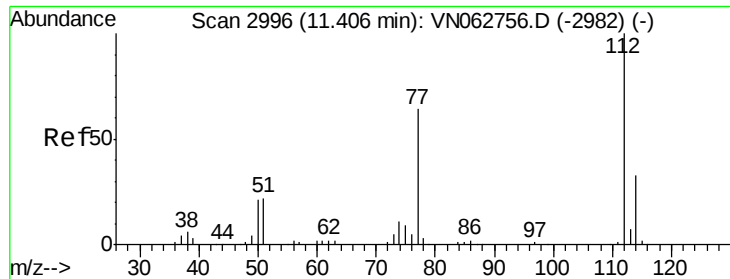
MMDadoda
8/17/2020 11:43:33 AM



#64
Tetrachloroethene
Concen: 48.350 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71487		
166	126.9	103.8	155.8	
129	92.9	82.7	124.1	
131	96.3	78.2	117.2	





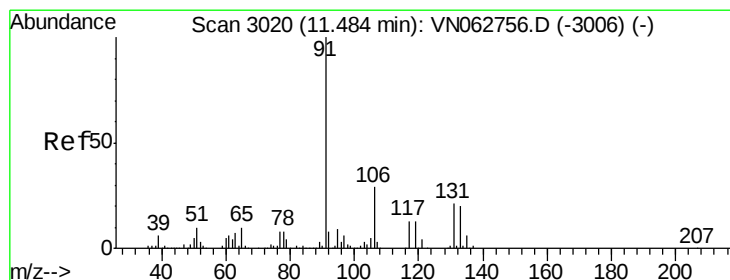
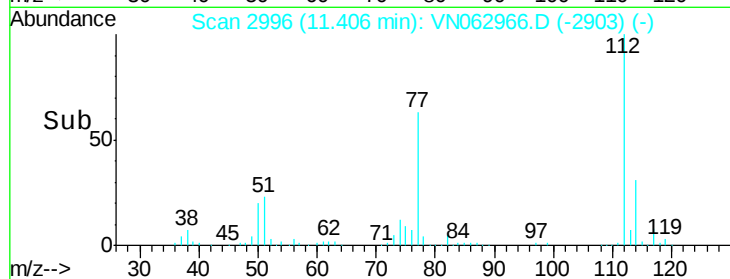
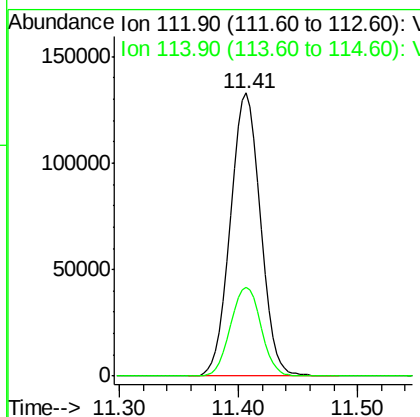
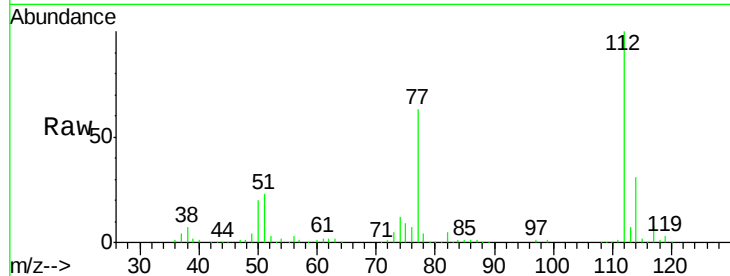
#65
Chlorobenzene
Concen: 48.717 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 233364
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4

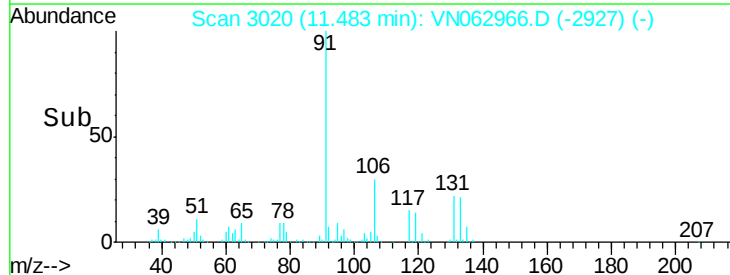
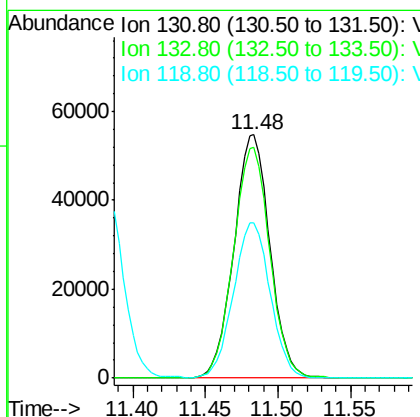
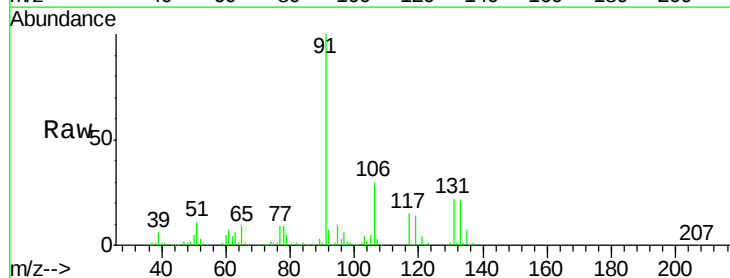
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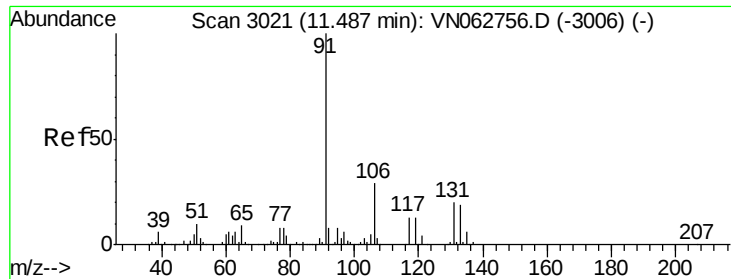
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.129 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion:131 Resp: 94506
Ion Ratio Lower Upper
131 100
133 95.6 48.6 145.8
119 65.1 32.2 96.6





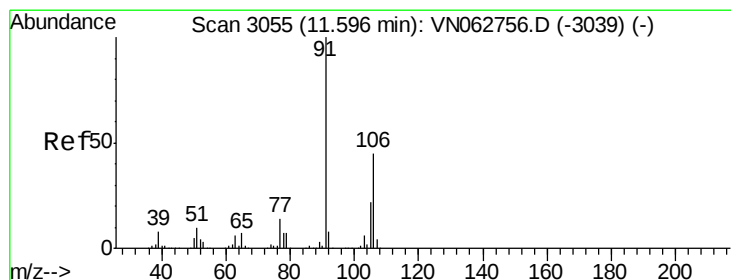
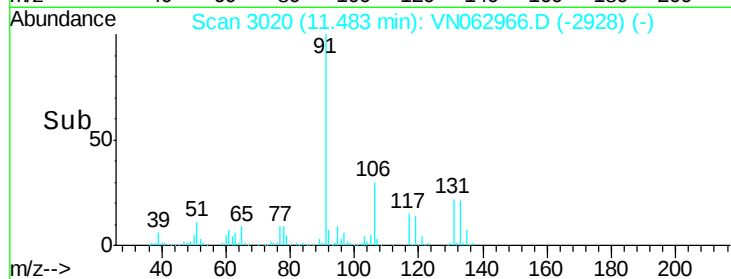
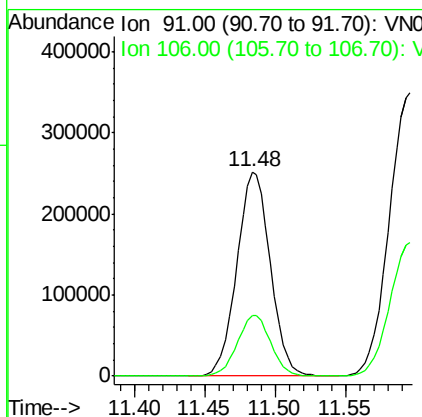
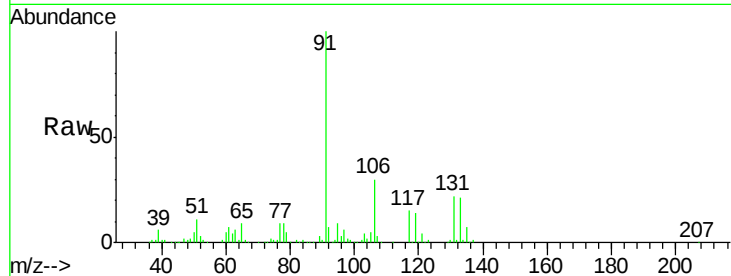
#67
Ethyl Benzene
Concen: 48.847 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 418712
Ion Ratio Lower Upper
91 100
106 29.8 23.2 34.8

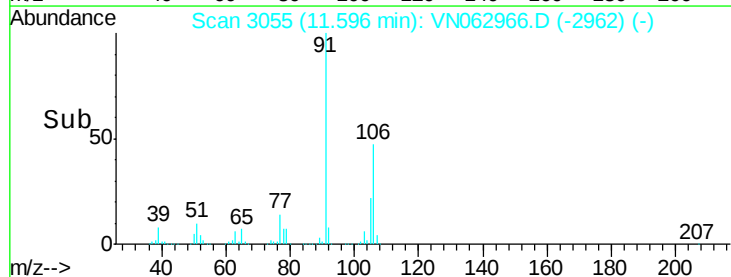
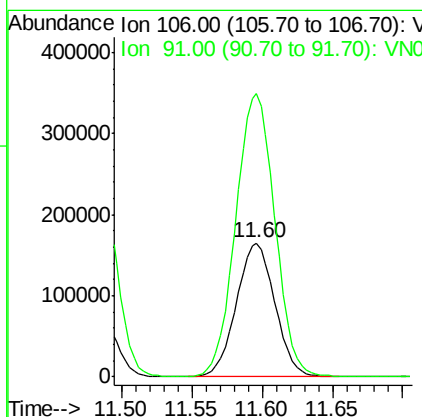
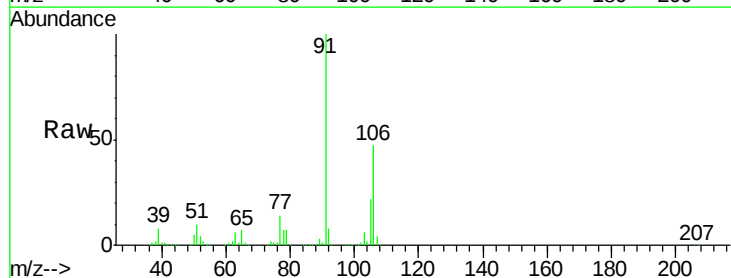
Manual Integrations
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#68
m/p-Xylenes
Concen: 101.446 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion: 106 Resp: 315661
Ion Ratio Lower Upper
106 100
91 215.1 175.9 263.9





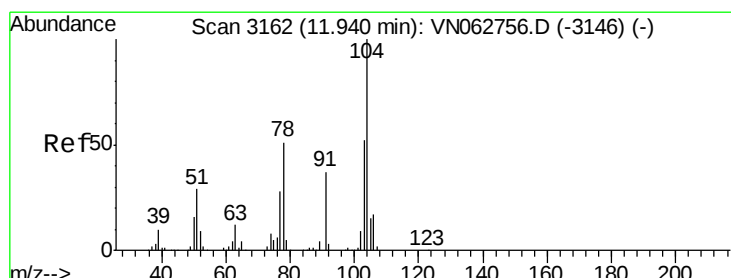
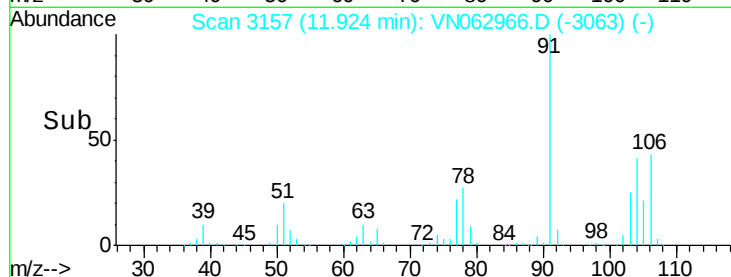
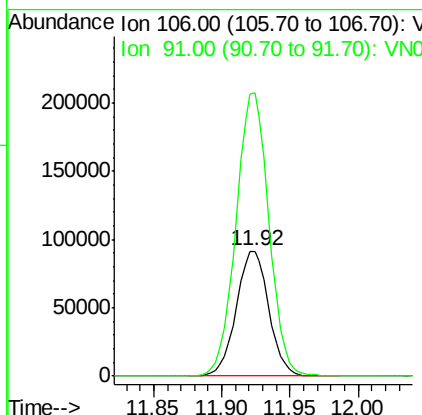
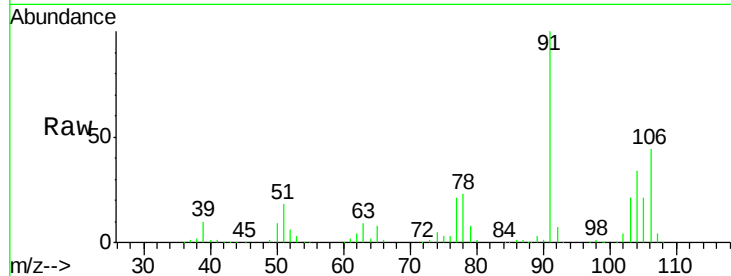
#69
o-Xylene
Concen: 51.913 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 151378
Ion Ratio Lower Upper
106 100
91 229.4 115.8 347.4

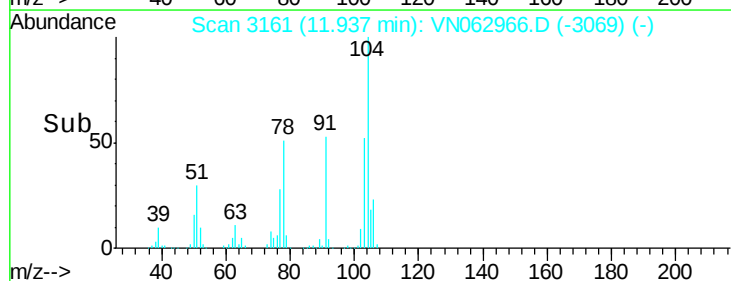
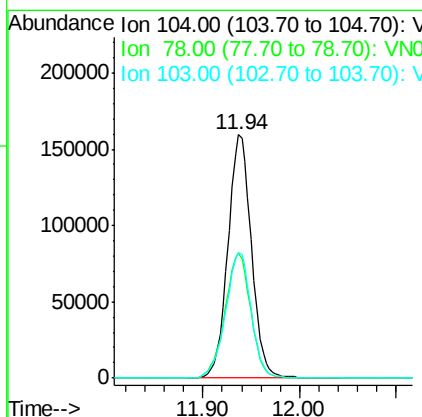
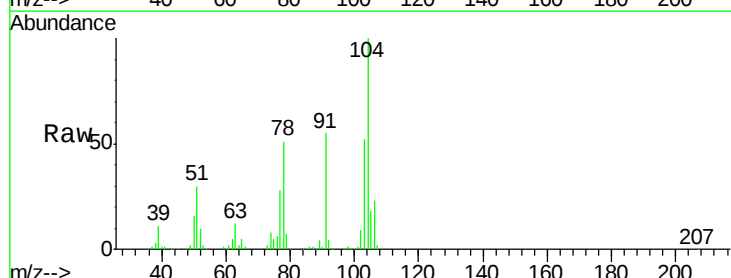
Manual Integrations
APPROVED

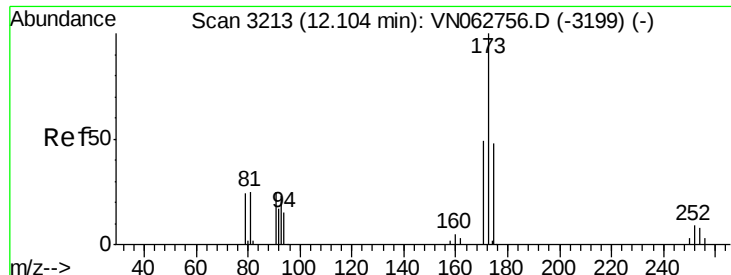
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#70
Styrene
Concen: 52.768 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion:104 Resp: 270468
Ion Ratio Lower Upper
104 100
78 55.7 45.9 68.9
103 55.9 45.1 67.7





#71

Bromoform

Concen: 49.072 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 77233

Ion Ratio Lower Upper

173 100

175 48.6 24.0 72.0

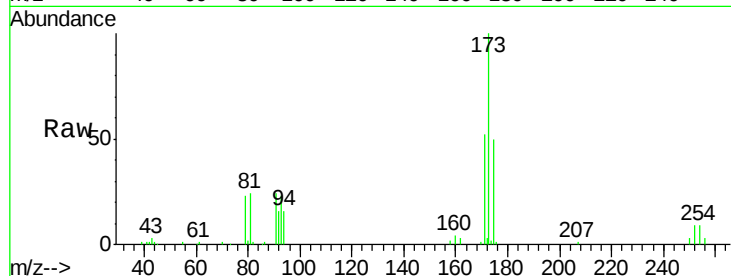
254 0.0 0.0 0.0

Manual Integrations

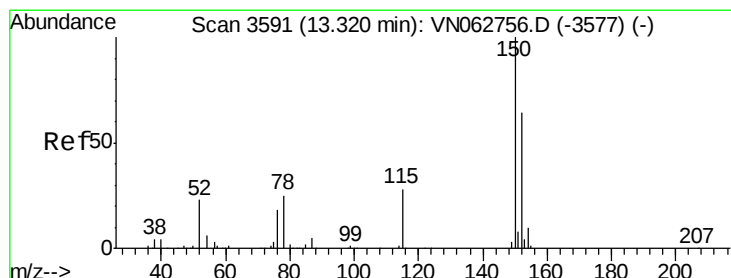
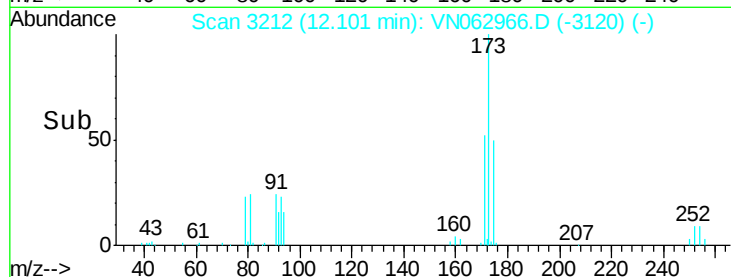
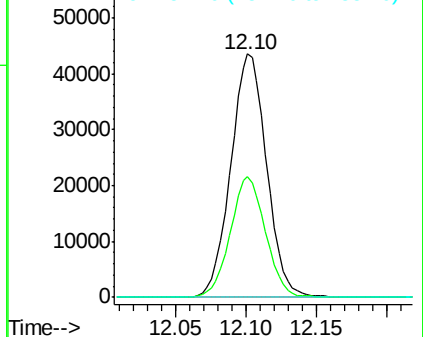
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

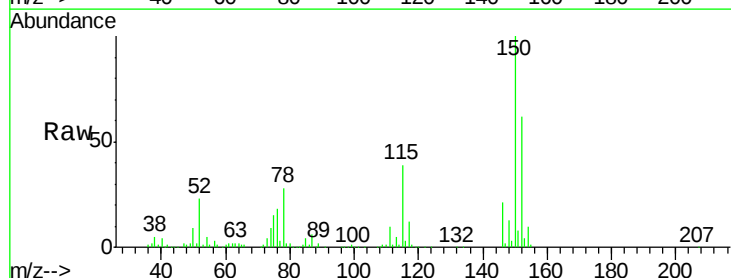
Tgt Ion:152 Resp: 120163

Ion Ratio Lower Upper

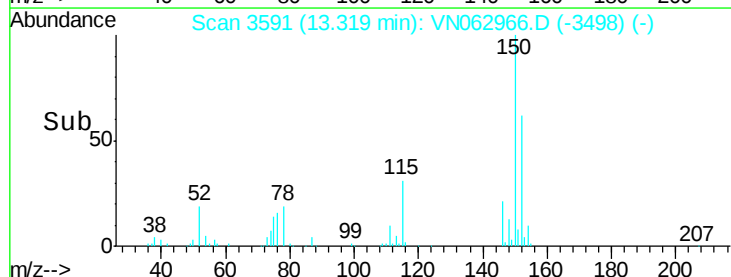
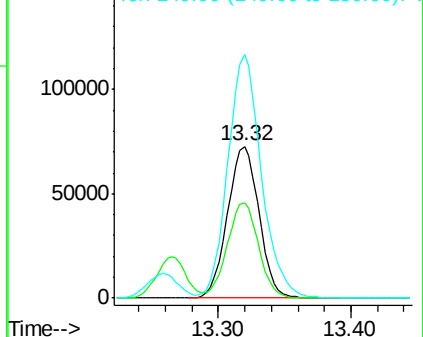
152 100

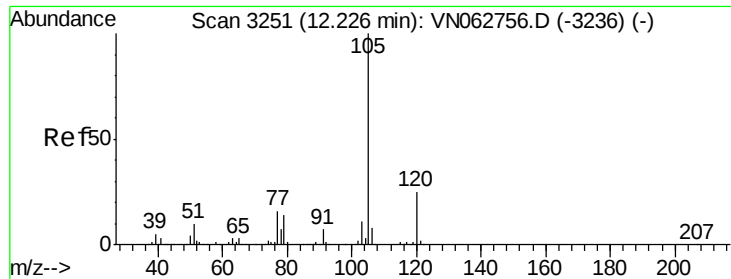
115 62.9 31.6 94.8

150 169.8 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: 46.631 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 421925

Ion Ratio Lower Upper

105 100

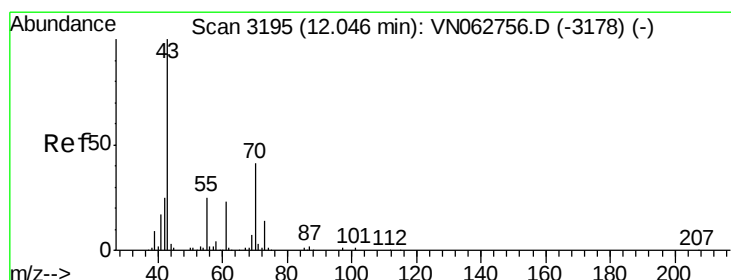
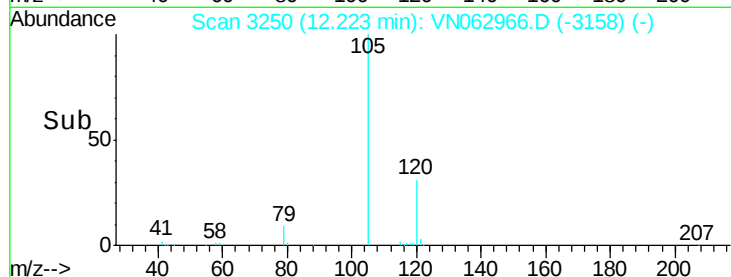
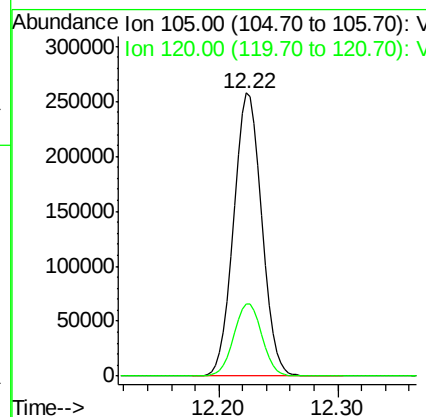
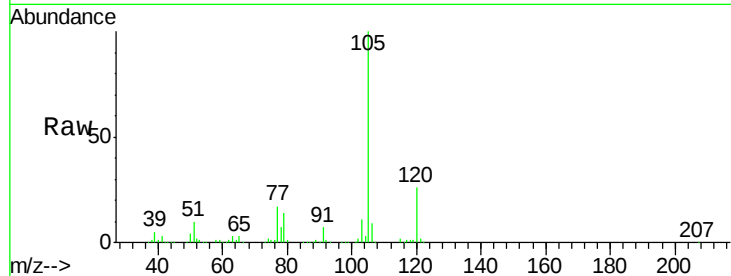
120 25.7 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 45.051 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Tgt Ion: 43 Resp: 165193

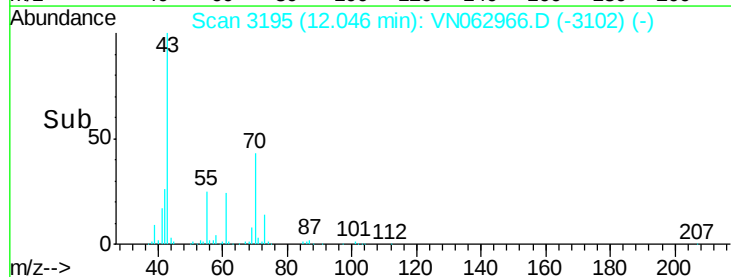
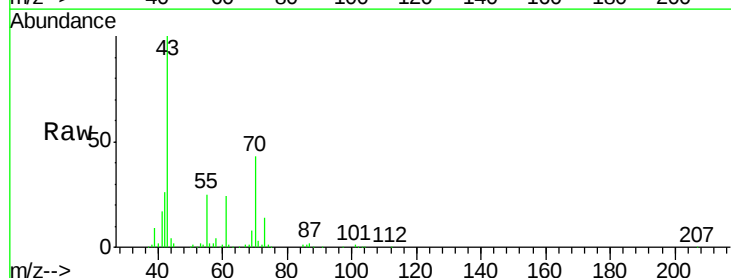
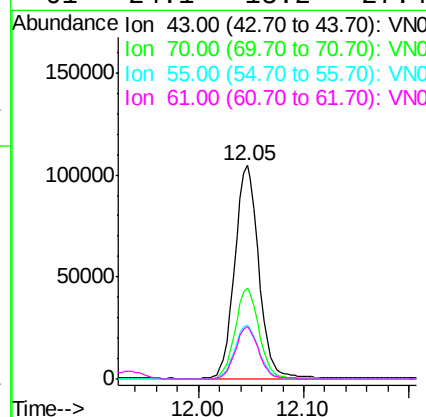
Ion Ratio Lower Upper

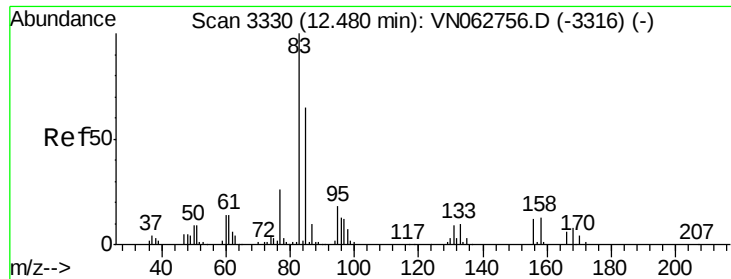
43 100

70 42.4 32.3 48.5

55 25.6 20.2 30.2

61 24.1 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 42.766 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 83 Resp: 136218

Ion Ratio Lower Upper

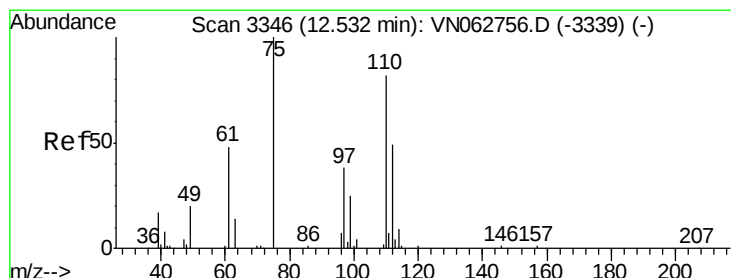
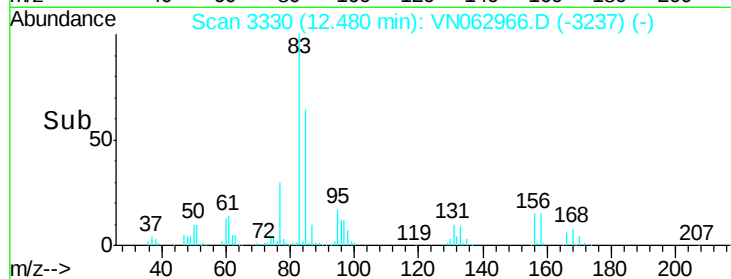
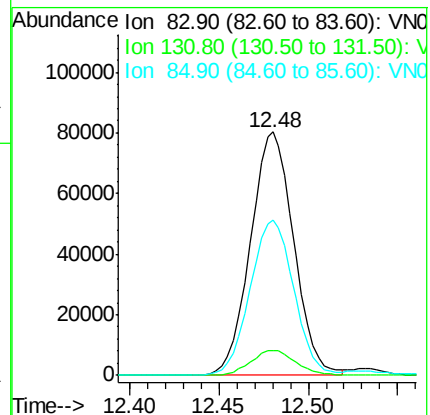
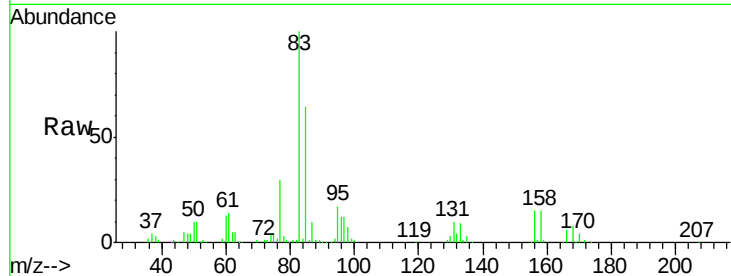
83 100

131 10.6 5.1 15.4

85 64.3 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 41.914 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062966.D

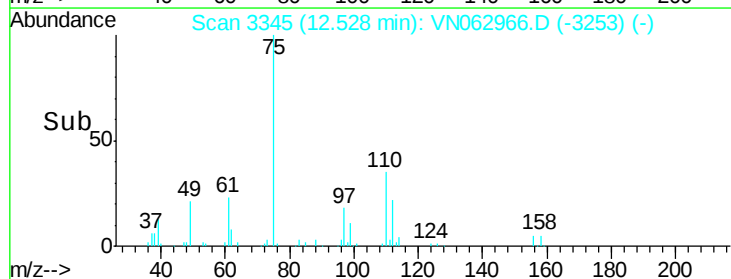
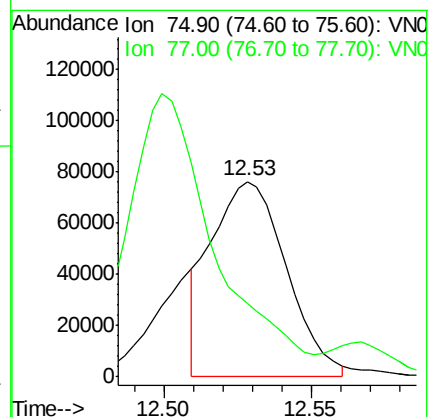
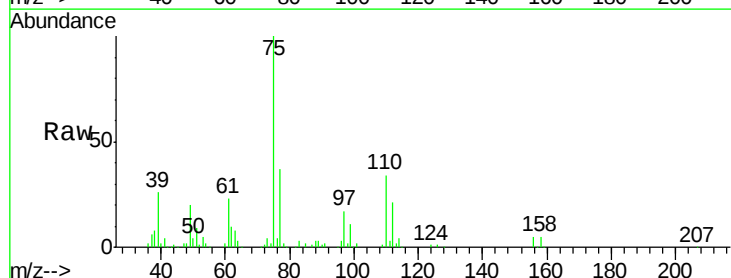
Acq: 15 Aug 2020 4:37

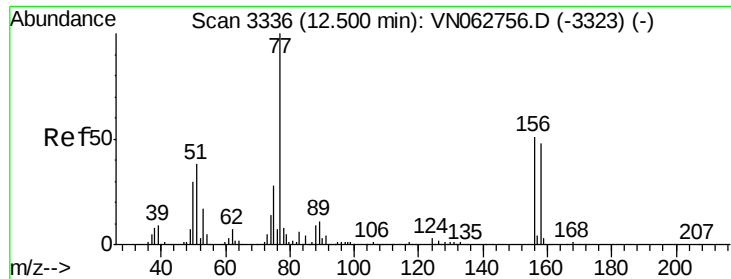
Tgt Ion: 75 Resp: 135829

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





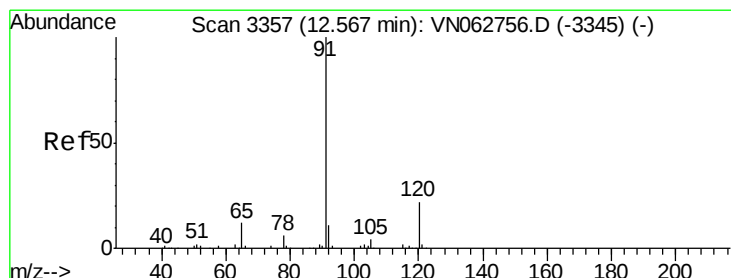
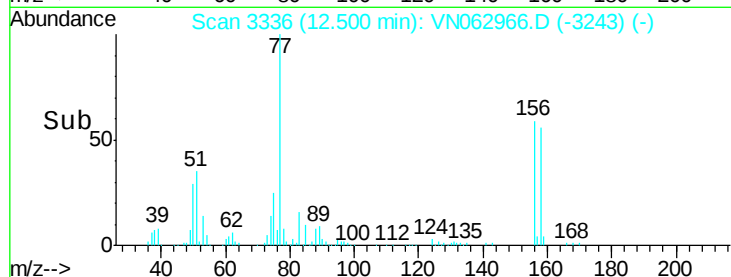
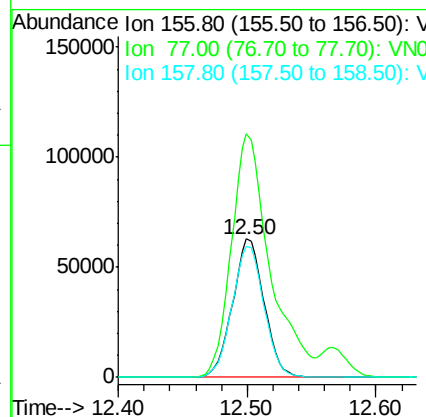
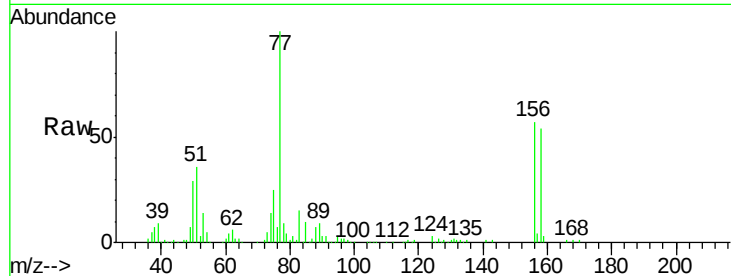
#77
Bromobenzene
Concen: 47.230 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	215.4	119.7	359.1
158	96.5	48.1	144.3

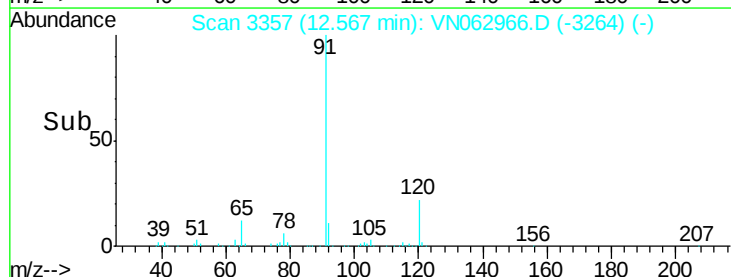
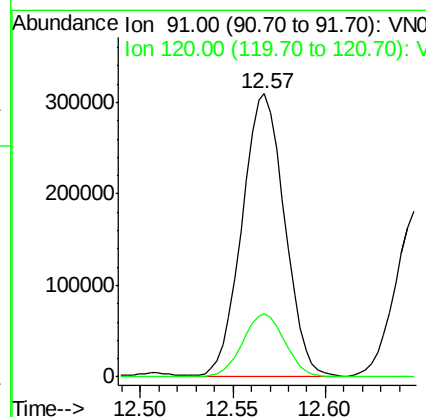
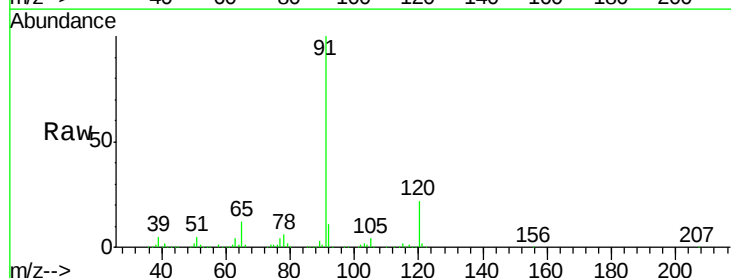
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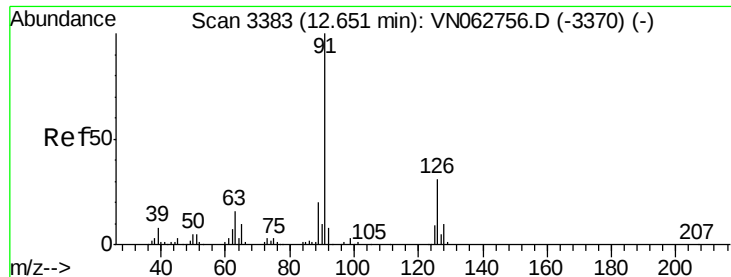
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#78
n-propylbenzene
Concen: 46.074 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	10.9	32.9





#79

2-Chlorotoluene

Concen: 45.053 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 300074

Ion Ratio Lower Upper

91 100

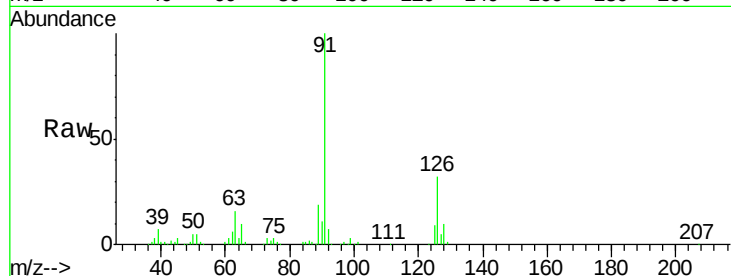
126 32.7 15.6 46.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062966.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062966.D (-3383) (-)

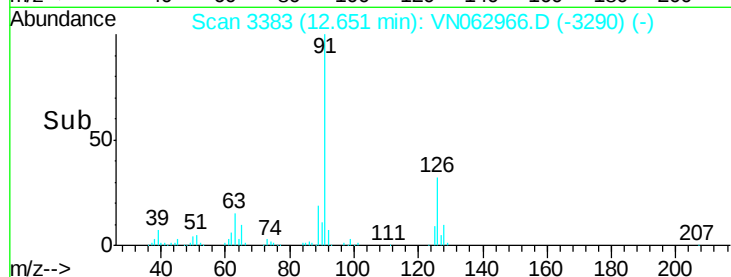
300000

200000

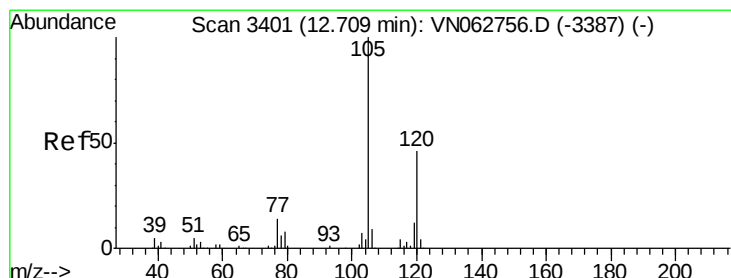
100000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.644 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062966.D

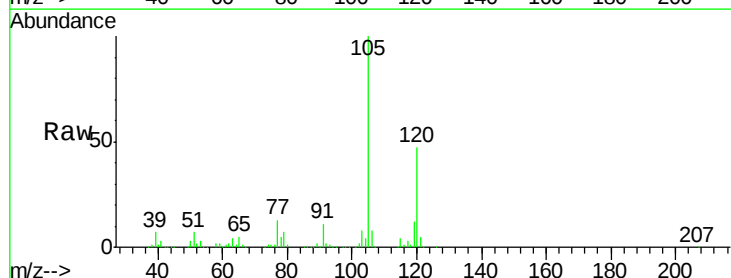
Acq: 15 Aug 2020 4:37

Tgt Ion: 105 Resp: 381847

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062966.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062966.D (-3401) (-)

250000

200000

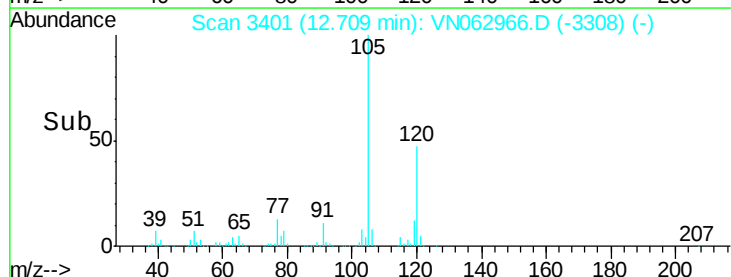
150000

100000

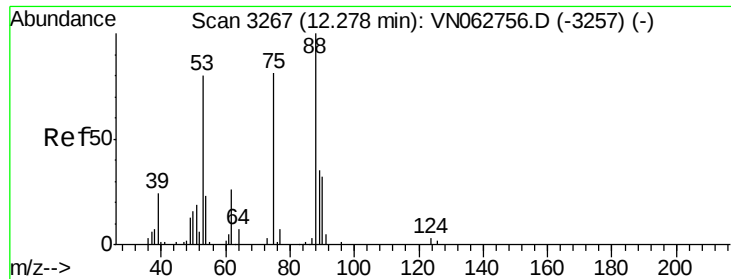
50000

0

12.60 12.70 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 38.625 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

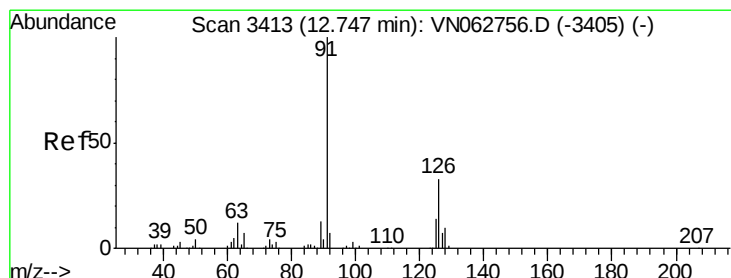
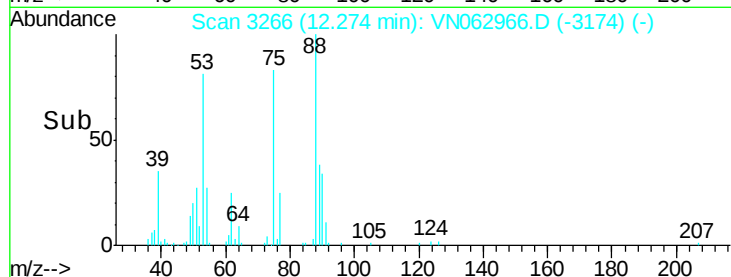
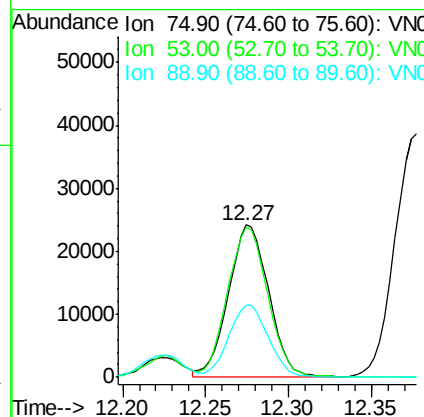
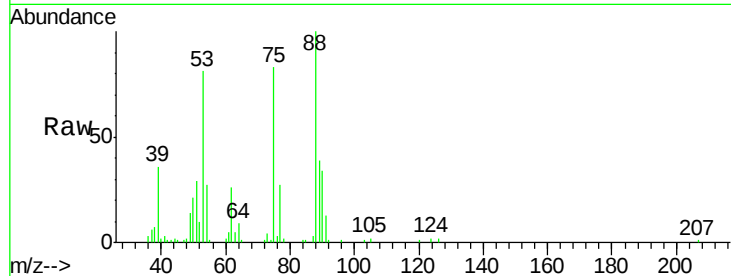
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	41003
Ion	Ratio	Lower	Upper
75	100		
53	98.3	79.1	118.7
89	46.8	36.2	54.2

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#82

4-Chlorotoluene

Concen: 46.553 ug/l

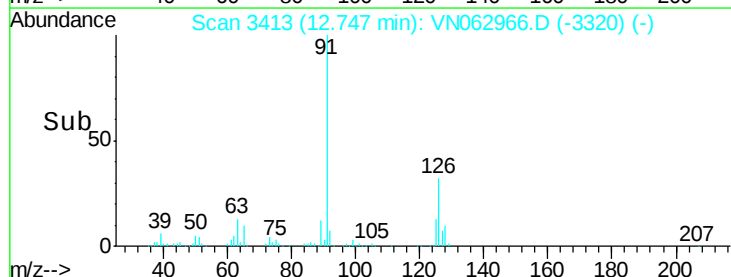
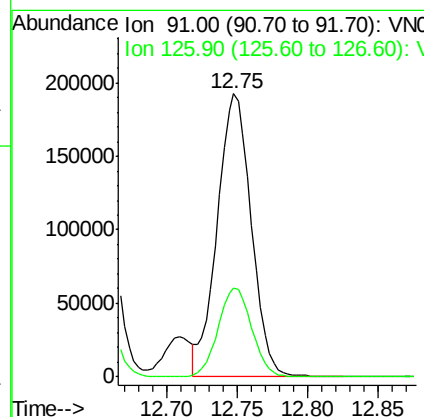
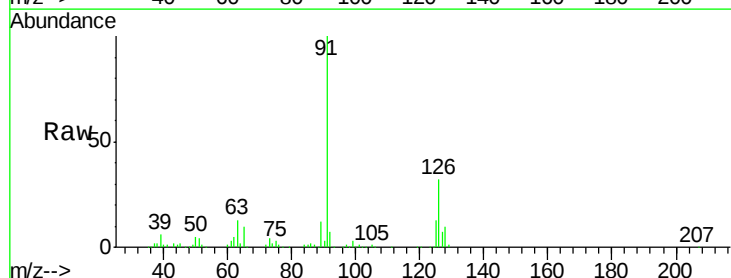
RT: 12.75 min Scan# 3413

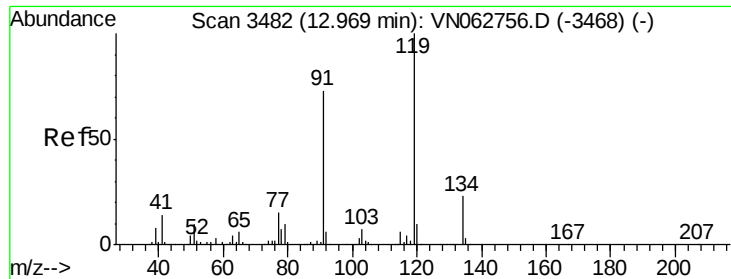
Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Tgt Ion:	91	Resp:	319534
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.9





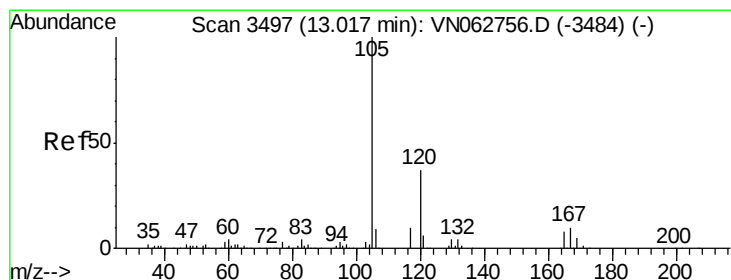
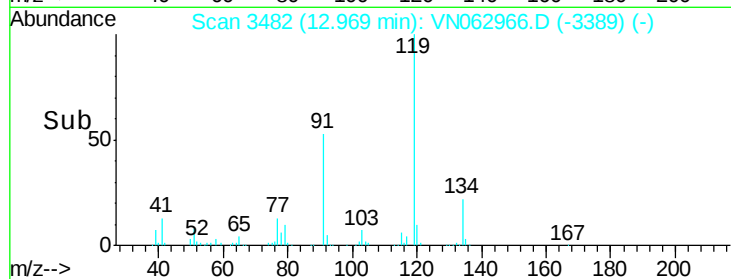
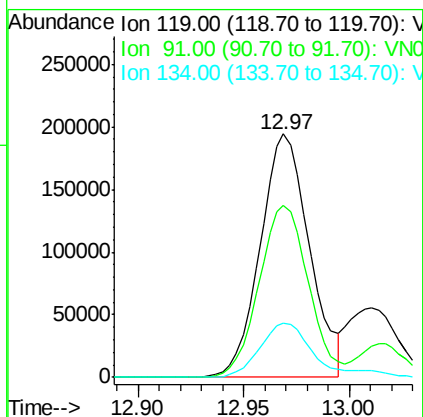
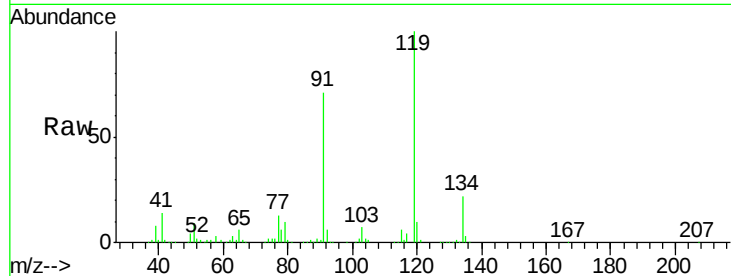
#83
 tert-Butylbenzene
 Concen: 47.476 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	36.5	109.5
134	25.1	11.3	33.8

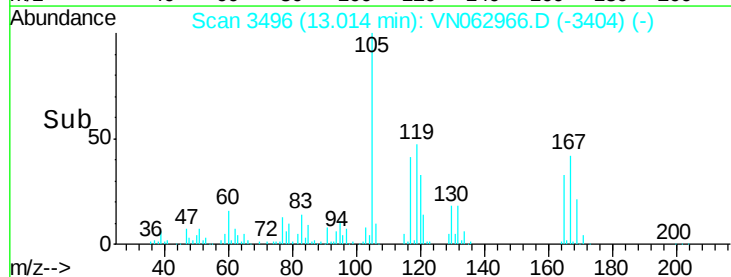
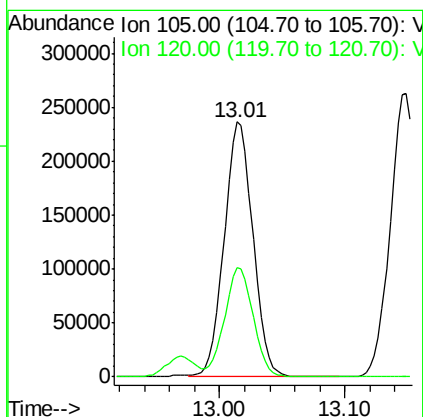
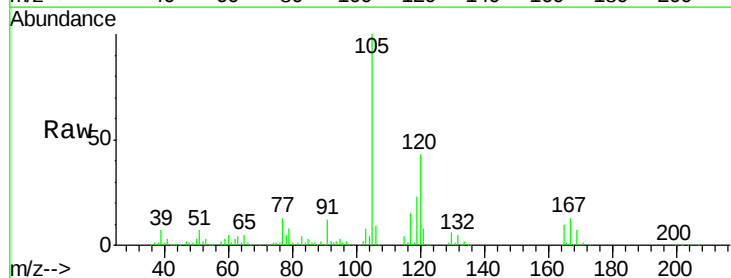
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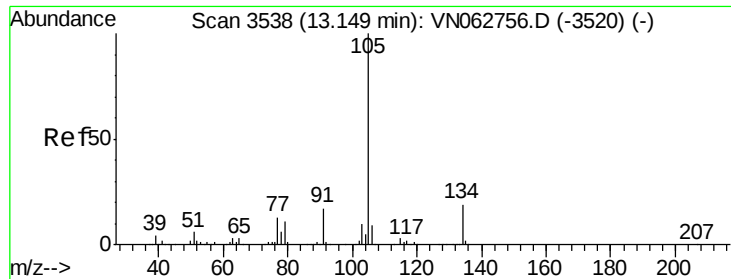
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.092 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.4	64.2





#85

sec-Butylbenzene

Concen: 47.601 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 415206

Ion Ratio Lower Upper

105 100

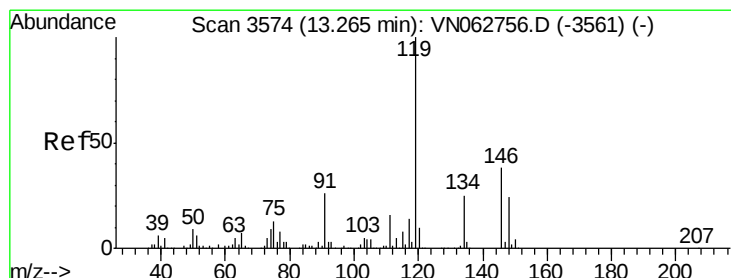
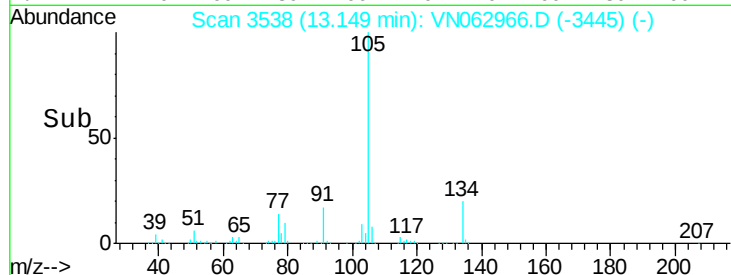
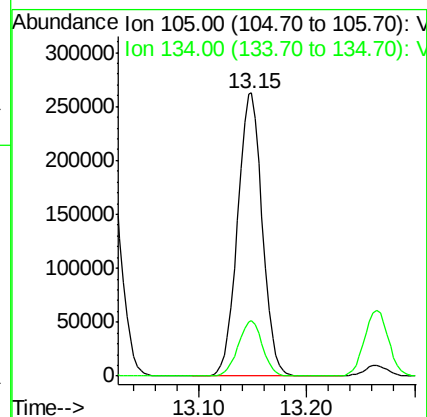
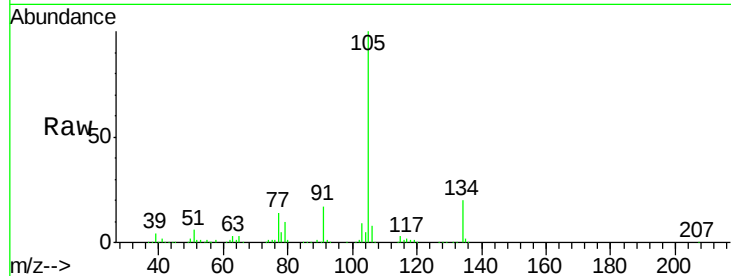
134 19.4 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 48.496 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

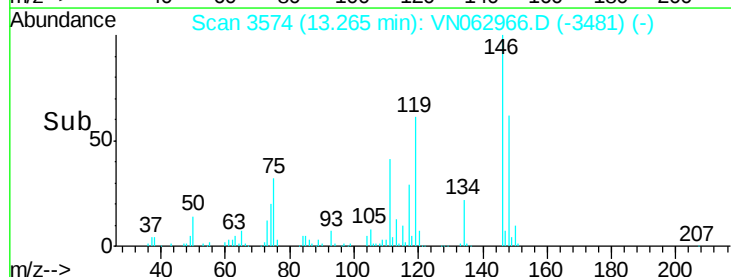
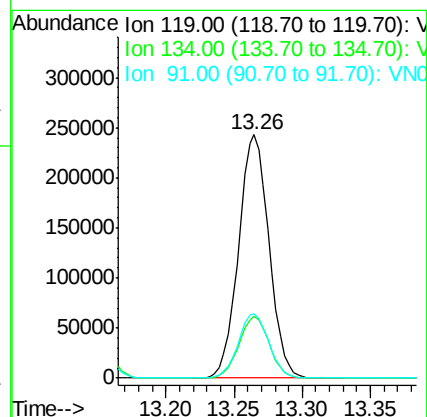
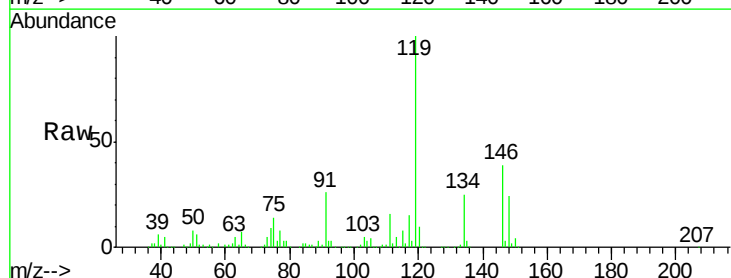
Tgt Ion:119 Resp: 375483

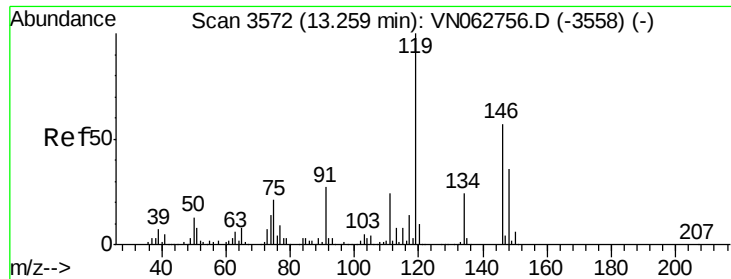
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 26.2 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 47.551 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Instrument :

MSVOA_N

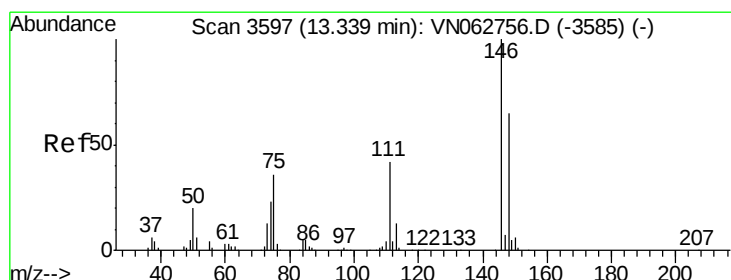
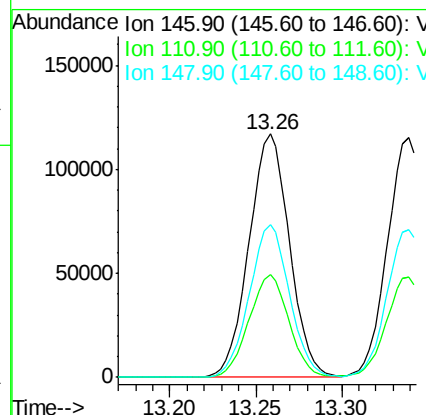
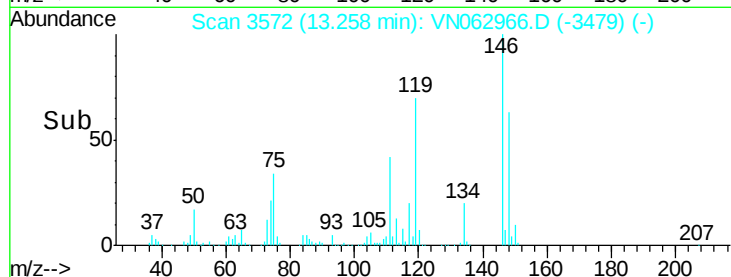
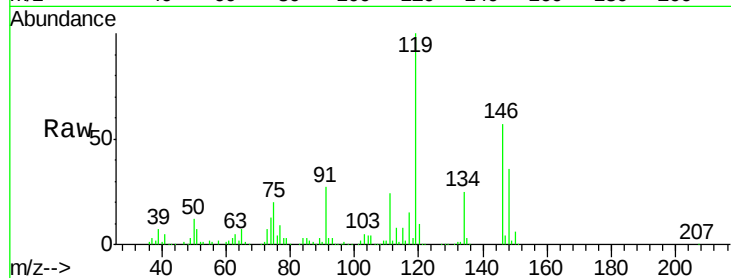
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	190980
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.7	65.1
148	62.1	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 46.508 ug/l

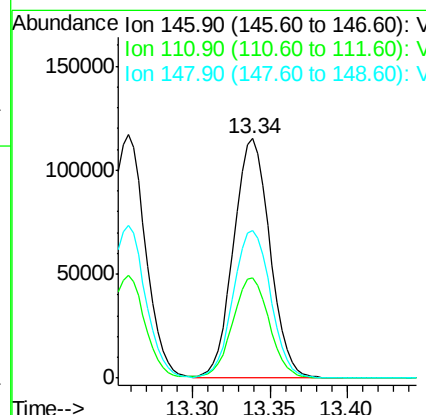
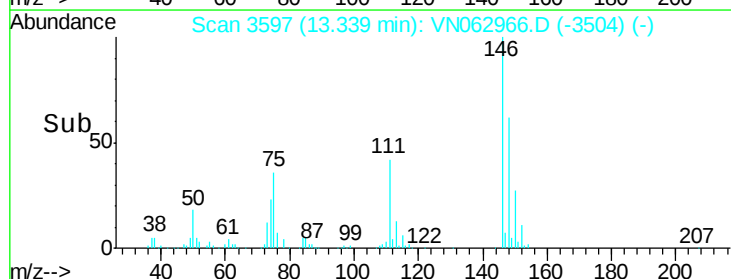
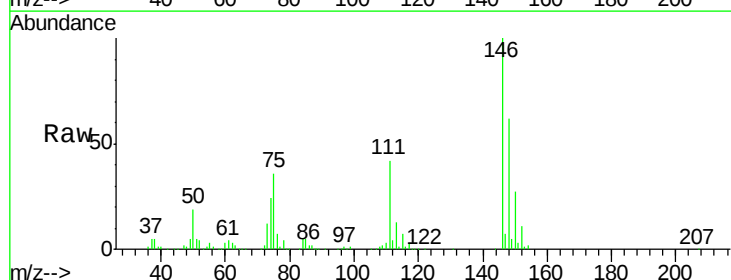
RT: 13.34 min Scan# 3597

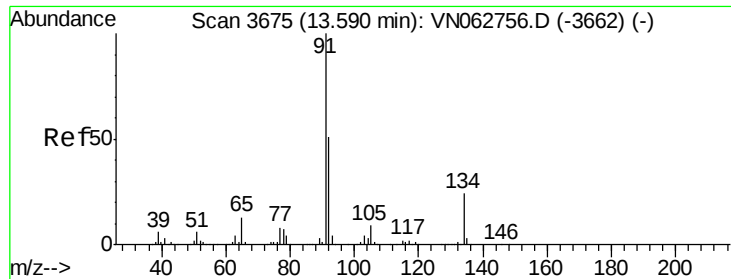
Delta R.T. -0.00 min

Lab File: VN062966.D

Acq: 15 Aug 2020 4:37

Tgt Ion:	146	Resp:	187348
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.6	64.6
148	63.2	32.6	97.8





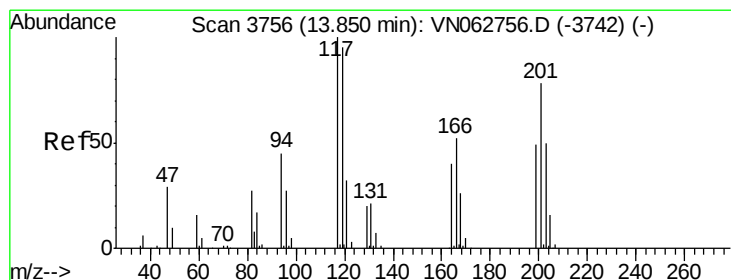
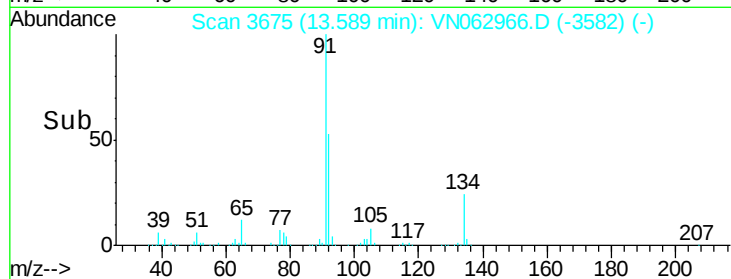
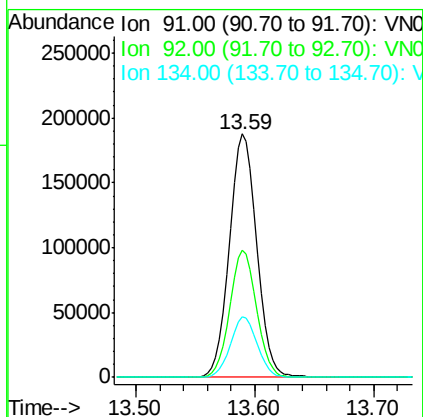
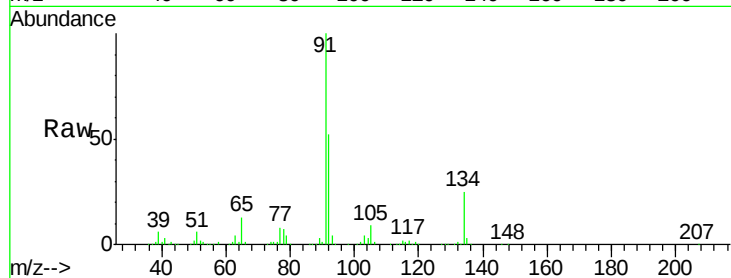
#89
n-Butylbenzene
Concen: 45.600 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.7	77.0
134	24.4	12.2	36.6

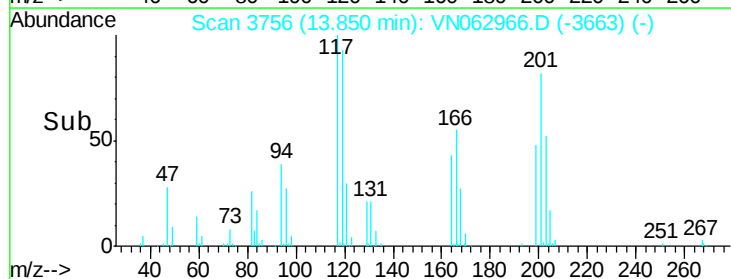
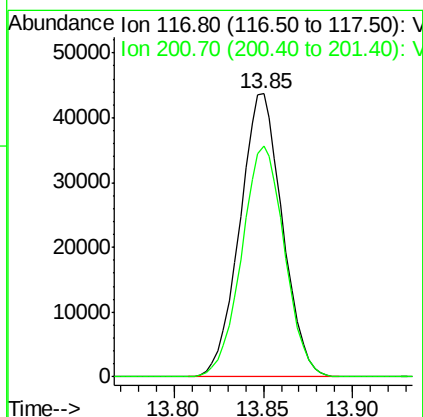
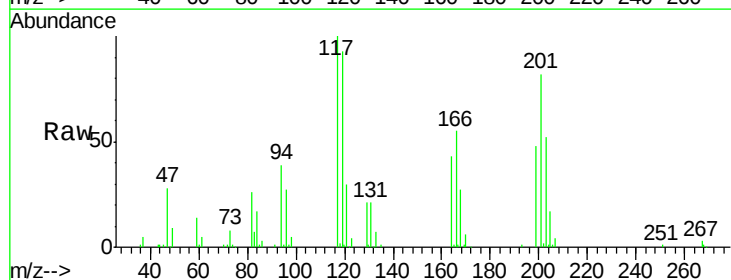
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#90
Hexachloroethane
Concen: 43.736 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	39.2	117.6





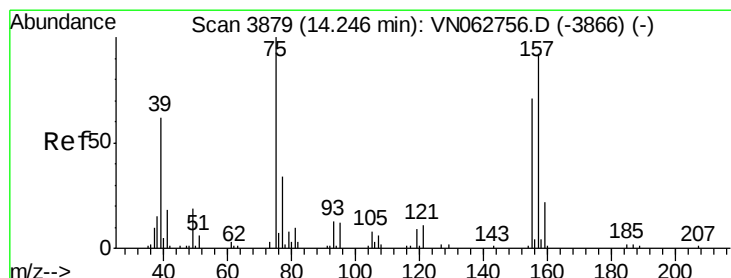
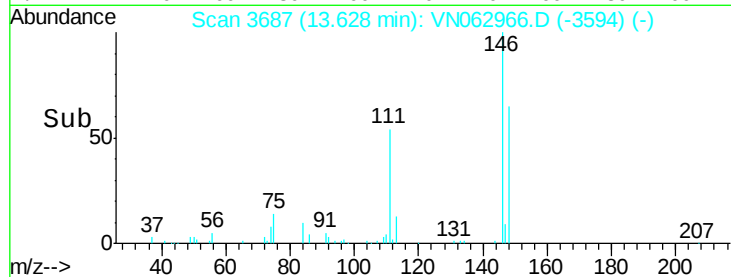
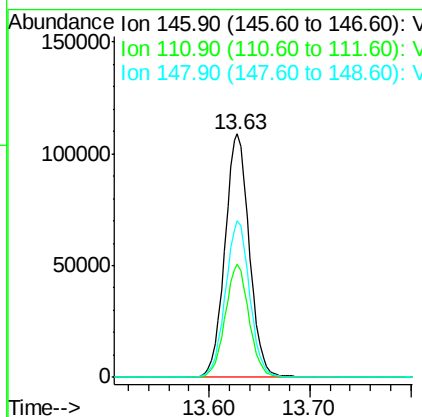
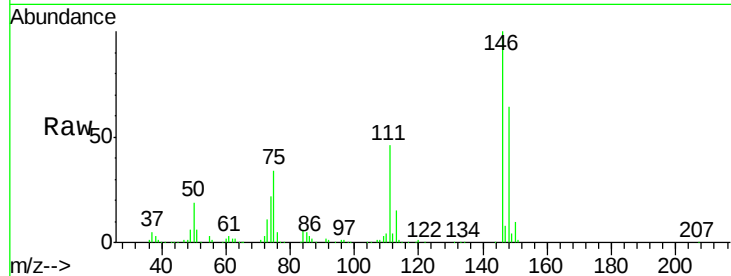
#91
 1,2-Dichlorobenzene
 Concen: 48.869 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	146	Resp:	184012
Ion Ratio	Lower	Upper	
146	100		
111	45.3	22.8	68.4
148	63.9	31.9	95.5

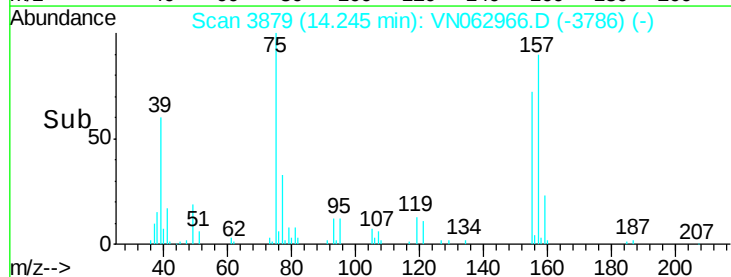
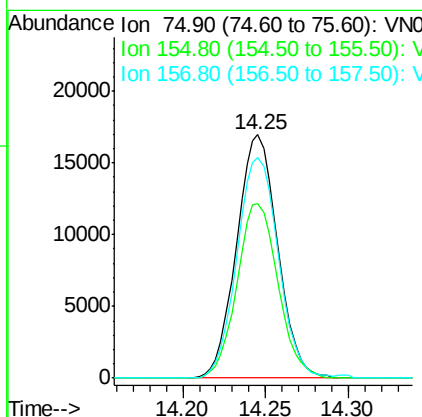
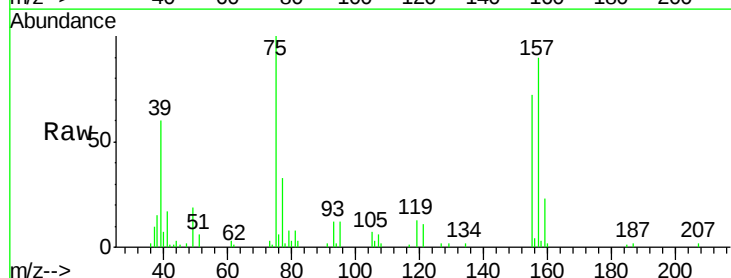
Manual Integrations
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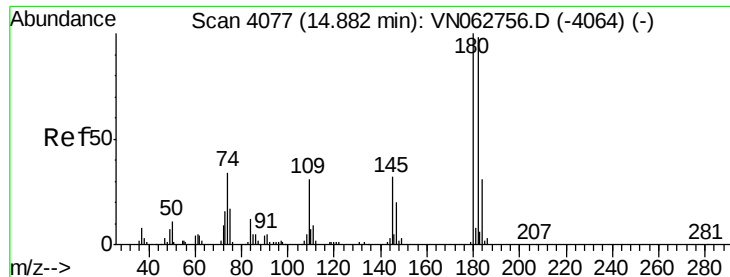
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.709 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion:	75	Resp:	29205
Ion Ratio	Lower	Upper	
75	100		
155	71.6	35.0	105.1
157	91.7	43.2	129.6





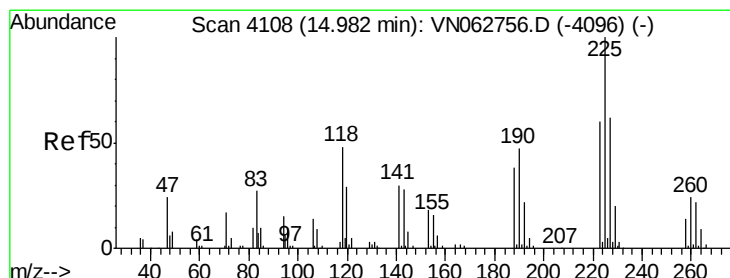
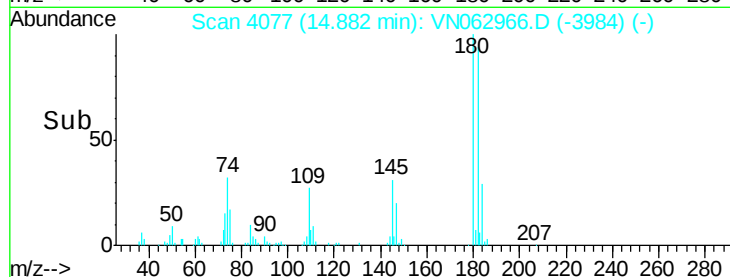
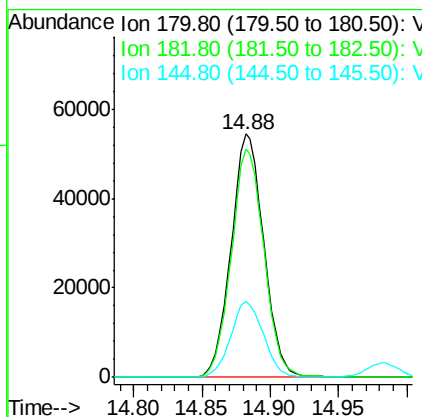
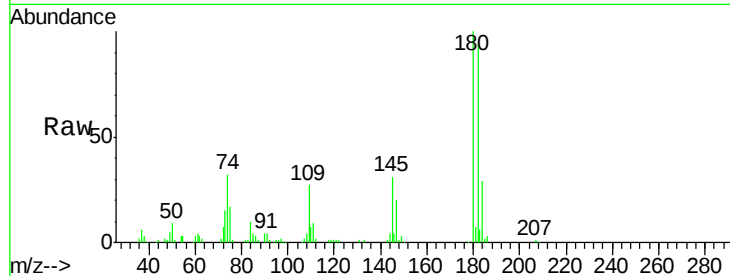
#93
 1,2,4-Trichlorobenzene
 Concen: 45.087 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.8	49.1	147.4	
145	31.2	16.3	48.8	

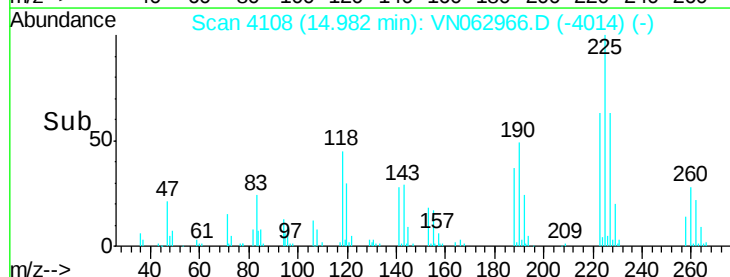
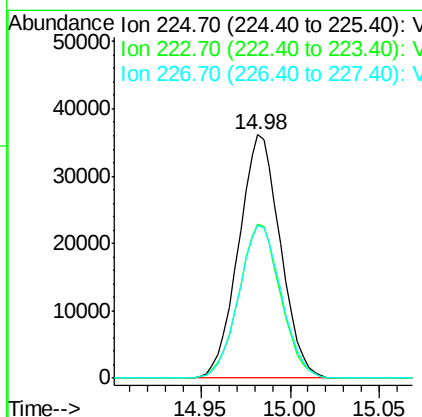
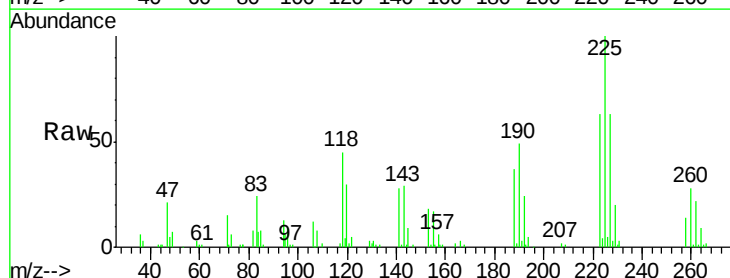
Manual Integrations
 APPROVED

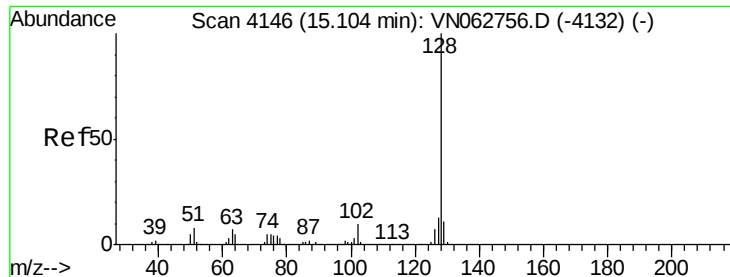
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#94
 Hexachlorobutadiene
 Concen: 49.757 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062966.D
 Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	30.6	92.0	
227	64.2	31.6	95.0	





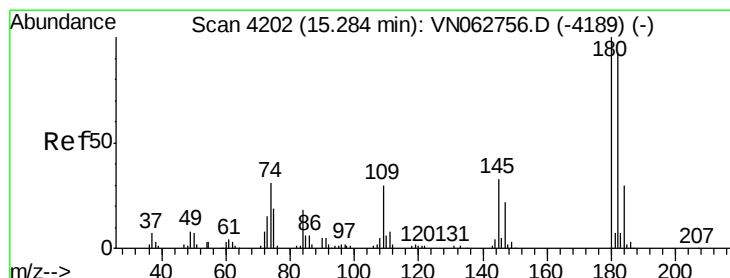
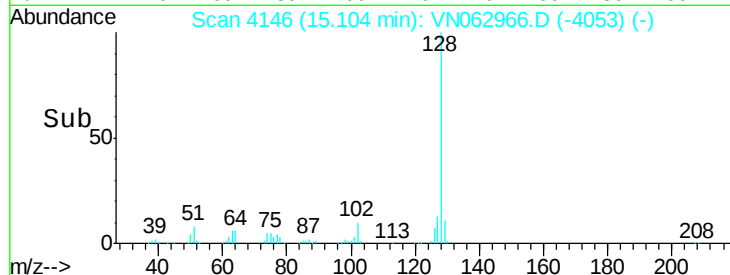
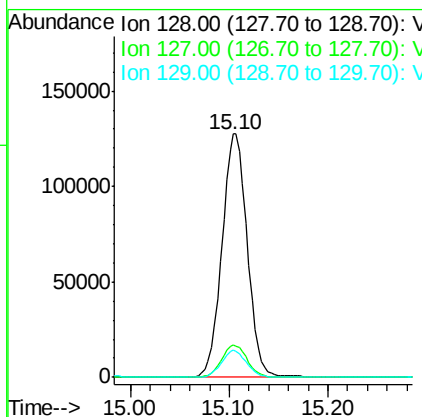
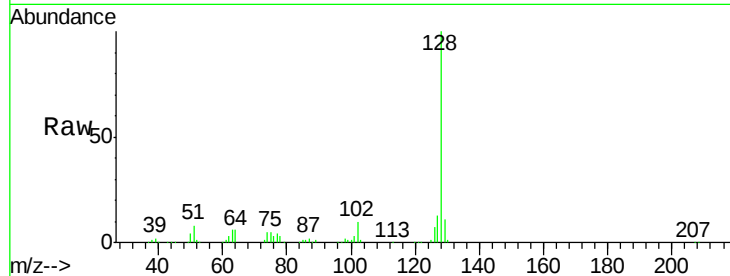
#95
Naphthalene
Concen: 42.130 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 44.867 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062966.D
Acq: 15 Aug 2020 4:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.6
145	34.1	17.3	51.7

