

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062899.D
 Acq On : 13 Aug 2020 9:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:55:55 AM

Quant Time: Aug 13 10:47:46 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	7.62	168	138286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	229727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	225351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123382	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	117214	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.54	113	79325	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.06	98	309482	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.38	95	126057	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	90243	45.573	ug/l	100
3) Chloromethane	2.04	50	77230	41.329	ug/l	96
4) Vinyl Chloride	2.16	62	78400	44.732	ug/l	98
5) Bromomethane	2.48	94	55097	47.489	ug/l	99
6) Chloroethane	2.58	64	55652	48.266	ug/l	95
7) Trichlorofluoromethane	2.91	101	169074	54.099	ug/l	99
8) Diethyl Ether	3.36	74	48130	53.796	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.67	101	67714	53.789	ug/l	97
10) Methyl Iodide	3.88	142	75164	49.621	ug/l	98
11) Tert butyl alcohol	4.82	59	62110	165.713	ug/l	99
12) 1,1-Dichloroethene	3.65	96	62736	53.350	ug/l	97
13) Acrolein	3.56	56	30052	132.428	ug/l	96
14) Allyl chloride	4.25	41	91285	37.704	ug/l	97
15) Acrylonitrile	4.93	53	185017	212.830	ug/l	99
16) Acetone	3.79	43	179309	216.999	ug/l	98
17) Carbon Disulfide	3.97	76	148394	44.275	ug/l	100
18) Methyl Acetate	4.27	43	113672	58.351	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	258918	48.326	ug/l	99
20) Methylene Chloride	4.49	84	75608	49.999	ug/l	93
21) trans-1,2-Dichloroethene	4.96	96	62111	44.883	ug/l	97
22) Diisopropyl ether	5.90	45	240573	46.677	ug/l	98
23) Vinyl Acetate	5.84	43	728476	185.825	ug/l	98
24) 1,1-Dichloroethane	5.78	63	136617	45.232	ug/l	99
25) 2-Butanone	6.80	43	215070	183.771	ug/l	98
26) 2,2-Dichloropropane	6.77	77	51883	18.635	ug/l	90
27) cis-1,2-Dichloroethene	6.77	96	76828	46.280	ug/l	88
28) Bromochloromethane	7.15	49	62872	43.131	ug/l	95
29) Tetrahydrofuran	7.17	42	150729	198.246	ug/l	96
30) Chloroform	7.32	83	150166	46.783	ug/l	98
31) Cyclohexane	7.61	56	120120	43.325	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	134974	47.032	ug/l	99
36) 1,1-Dichloropropene	7.75	75	96525	43.152	ug/l	97
37) Ethyl Acetate	6.89	43	82037	35.109	ug/l	98
38) Carbon Tetrachloride	7.72	117	117650	44.471	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	117615	43.691	ug/l	97
40) Benzene	8.00	78	292438	43.812	ug/l	96
41) Methacrylonitrile	7.14	41	44463m	42.169	ug/l	
42) 1,2-Dichloroethane	8.08	62	130193	45.827	ug/l	99
43) Isopropyl Acetate	8.13	43	146274	37.531	ug/l	98
44) Trichloroethene	8.80	130	71911	44.220	ug/l	98
45) 1,2-Dichloropropane	9.08	63	80851	44.754	ug/l	95
46) Dibromomethane	9.17	93	53236	44.975	ug/l	97
47) Bromodichloromethane	9.37	83	123843	46.584	ug/l	100
48) Methyl methacrylate	9.17	41	77053	40.194	ug/l	98
49) 1,4-Dioxane	9.18	88	26971	759.295	ug/l	99
51) 4-Methyl-2-Pentanone	9.96	43	465579	184.629	ug/l	99
52) Toluene	10.12	92	189712	46.033	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	114278	39.079	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	118689	40.425	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	78399	44.541	ug/l	96
56) Ethyl methacrylate	10.40	69	114743	43.309	ug/l	99
57) 1,3-Dichloropropane	10.68	76	132098	44.169	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	160666	214.541	ug/l	99
59) 2-Hexanone	10.73	43	335054	178.122	ug/l	99
60) Dibromochloromethane	10.88	129	92510	46.056	ug/l	100
61) 1,2-Dibromoethane	10.98	107	78134	44.986	ug/l	98
64) Tetrachloroethene	10.60	164	67349	46.320	ug/l	100
65) Chlorobenzene	11.41	112	202649	43.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	84175	44.497	ug/l	98
67) Ethyl Benzene	11.49	91	376935	44.715	ug/l	96
68) m/p-Xylenes	11.60	106	279339	91.287	ug/l	98
69) o-Xylene	11.92	106	133416	46.525	ug/l	97
70) Styrene	11.94	104	231807	45.988	ug/l	99
71) Bromoform	12.10	173	63341	40.924	ug/l #	100
73) Isopropylbenzene	12.23	105	371906	40.030	ug/l	99
74) N-amyl acetate	12.05	43	117951	31.328	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	109728	33.550	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	103461m	31.093	ug/l	
77) Bromobenzene	12.50	156	87833	38.049	ug/l	93
78) n-propylbenzene	12.57	91	419218	38.440	ug/l	100
79) 2-Chlorotoluene	12.65	91	260393	38.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	325193	40.346	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	28818	26.438	ug/l	97
82) 4-Chlorotoluene	12.75	91	268789	38.139	ug/l	99
83) tert-Butylbenzene	12.97	119	273850	40.153	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	309920	40.193	ug/l	100
85) sec-Butylbenzene	13.15	105	352673	39.377	ug/l	99
86) p-Isopropyltoluene	13.26	119	312920	39.361	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	158364	38.401	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	159808	38.636	ug/l	98
89) n-Butylbenzene	13.59	91	239867	35.675	ug/l	99
90) Hexachloroethane	13.85	117	63307	36.943	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	159726	41.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25234	35.939	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	79852	39.224	ug/l	98
94) Hexachlorobutadiene	14.98	225	47776	38.917	ug/l	96
95) Naphthalene	15.10	128	203318	36.896	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	80888	40.099	ug/l	98

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

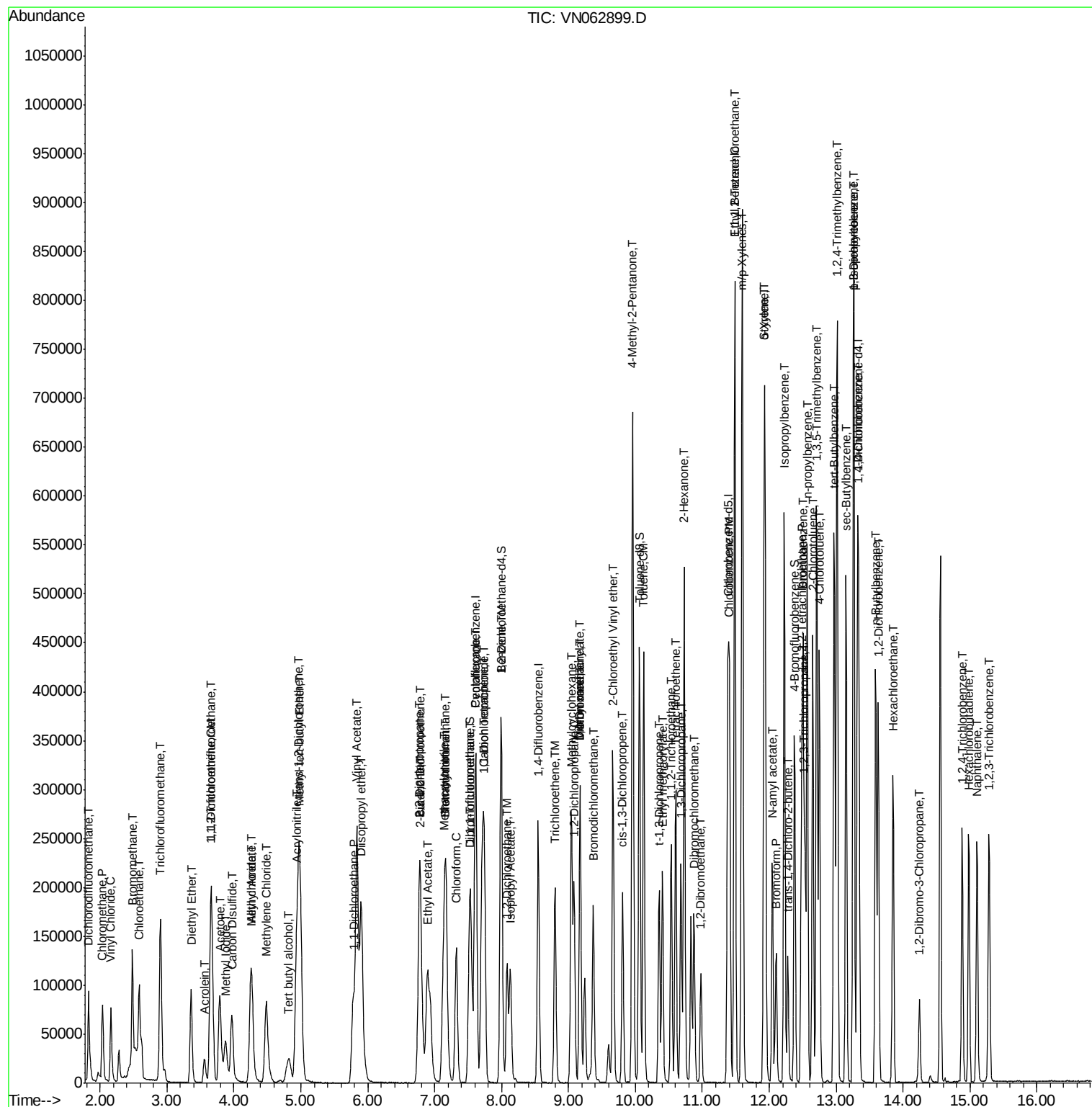
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 Data File : VN062899.D
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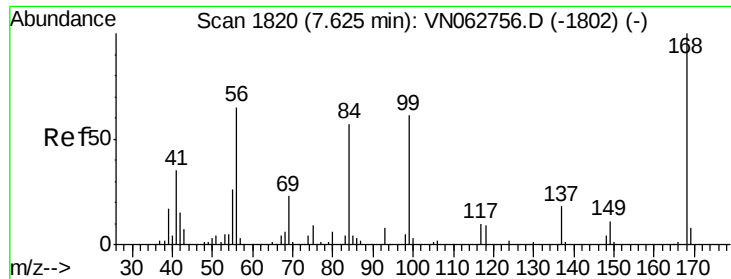
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 138286

Ion Ratio Lower Upper

168 100

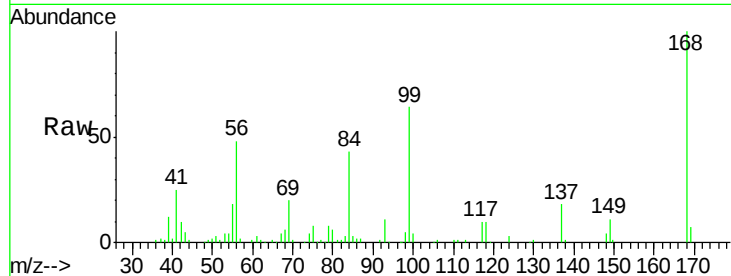
99 64.0 52.9 79.3

Manual Integrations

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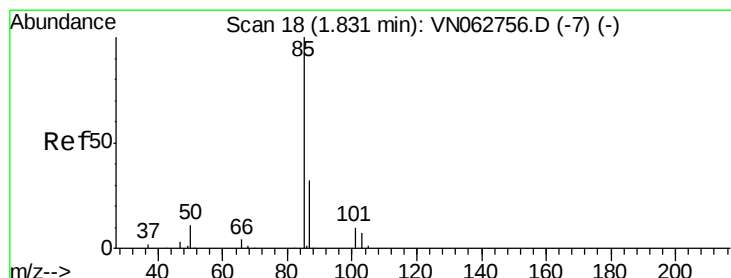
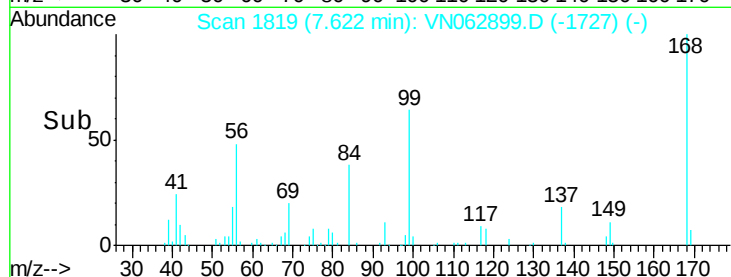
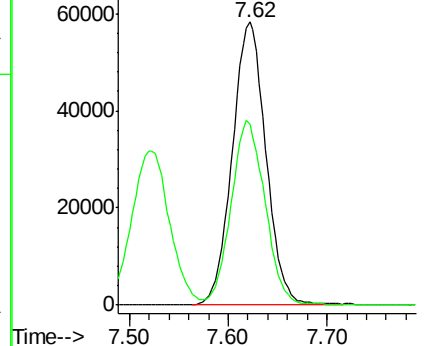
MMDadoda

8/13/2020 10:55:55 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.573 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN062899.D

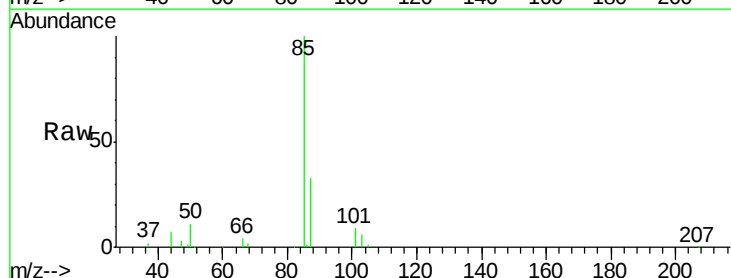
Acq: 13 Aug 2020 9:12

Tgt Ion: 85 Resp: 90243

Ion Ratio Lower Upper

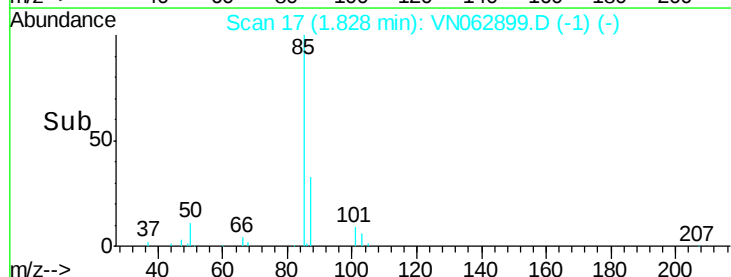
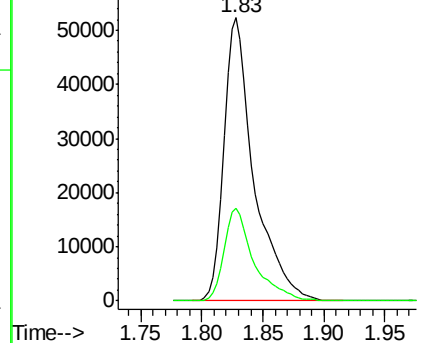
85 100

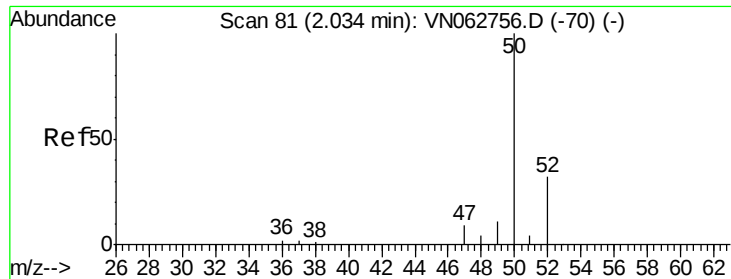
87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.329 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 77230

Ion Ratio Lower Upper

50 100

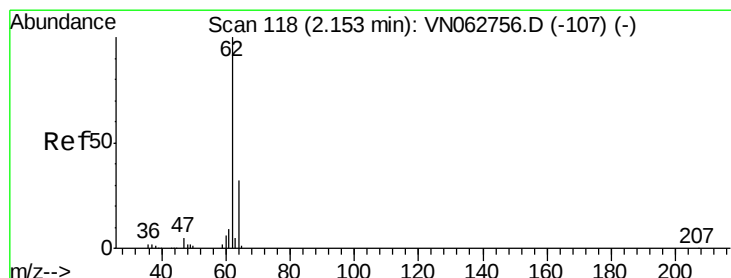
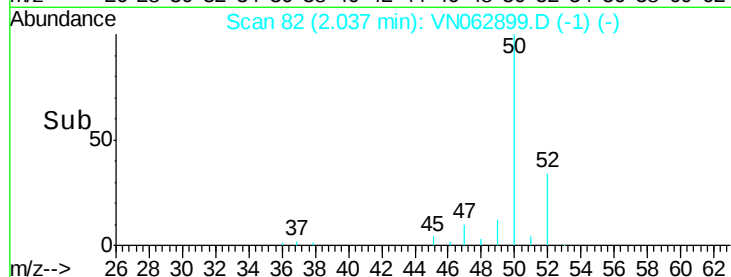
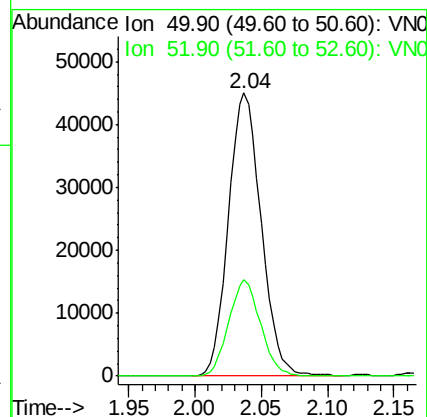
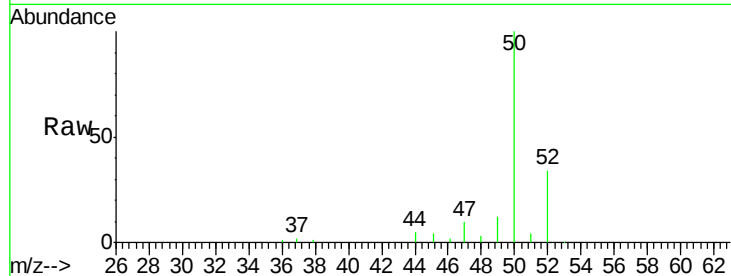
52 34.0 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.732 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN062899.D

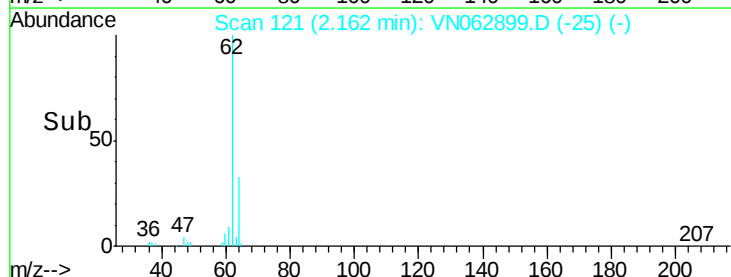
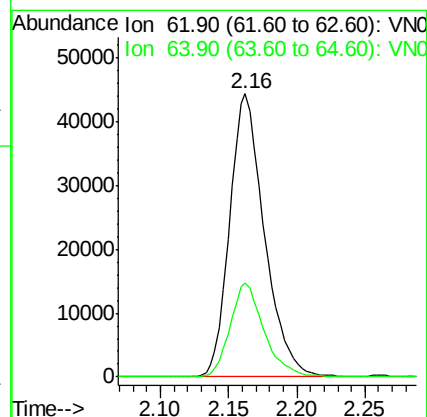
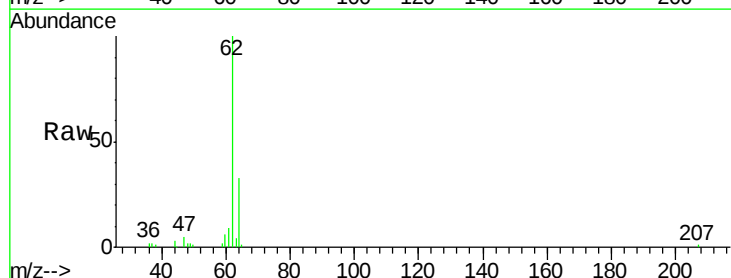
Acq: 13 Aug 2020 9:12

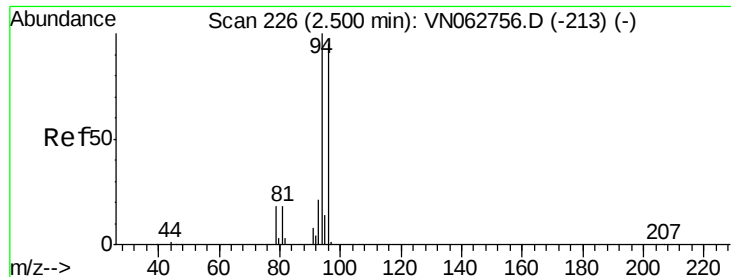
Tgt Ion: 62 Resp: 78400

Ion Ratio Lower Upper

62 100

64 33.4 25.8 38.8





#5

Bromomethane

Concen: 47.489 ug/l

RT: 2.48 min Scan# 221

Delta R.T. -0.02 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 55097

Ion Ratio Lower Upper

94 100

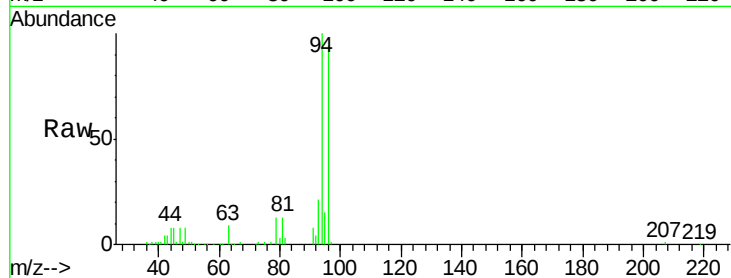
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Manual Integrations

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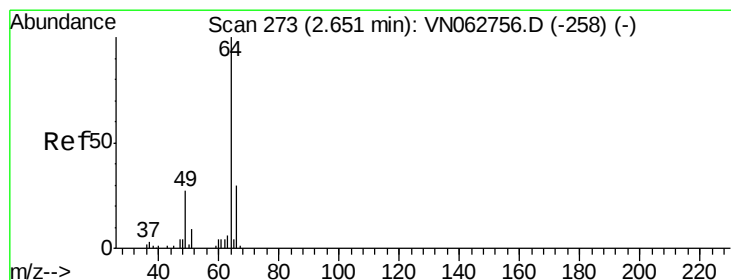
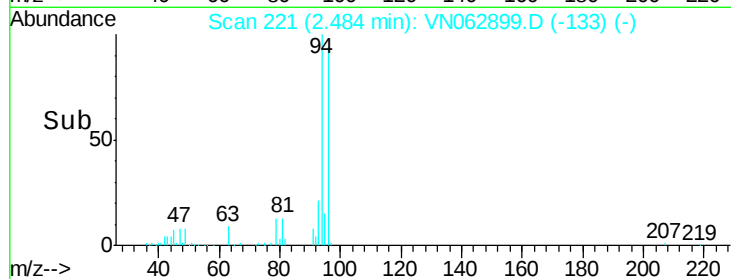
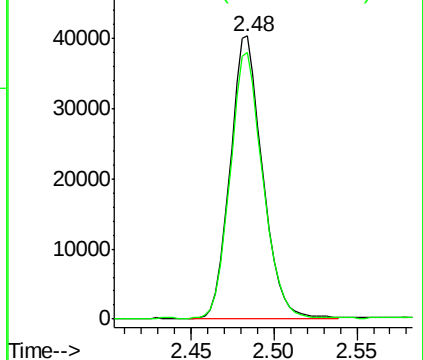
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.266 ug/l

RT: 2.58 min Scan# 252

Delta R.T. -0.07 min

Lab File: VN062899.D

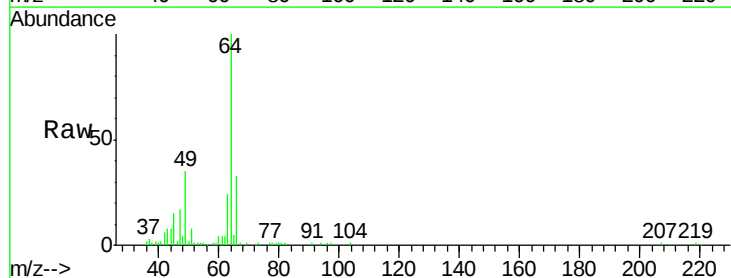
Acq: 13 Aug 2020 9:12

Tgt Ion: 64 Resp: 55652

Ion Ratio Lower Upper

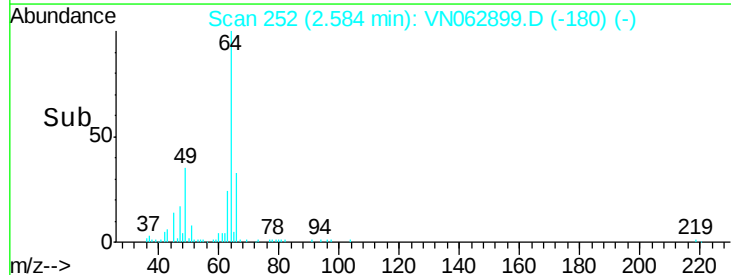
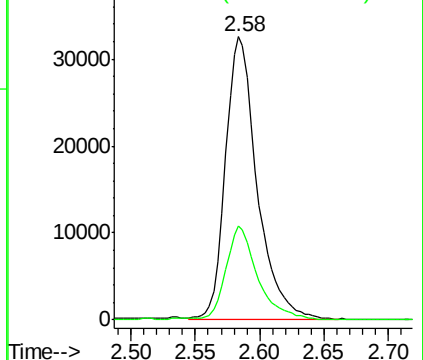
64 100

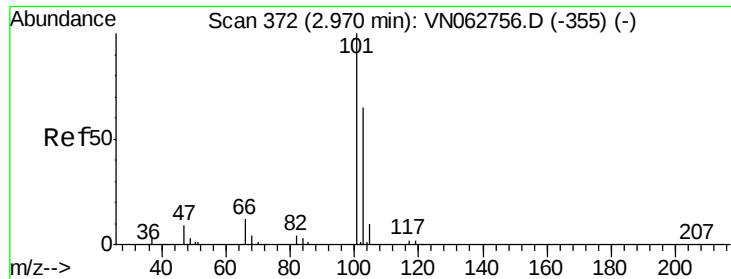
66 33.0 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

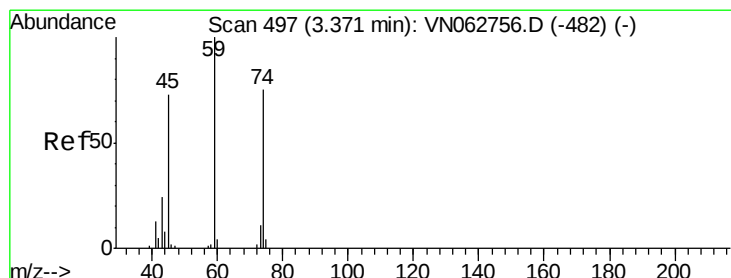
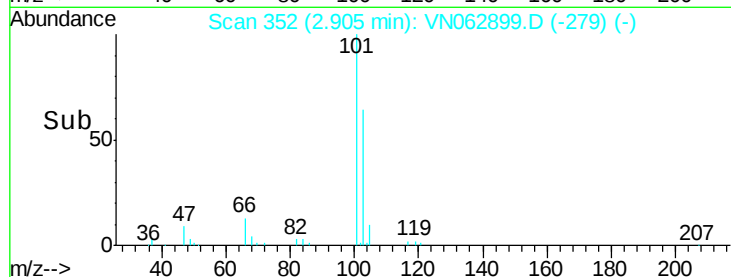
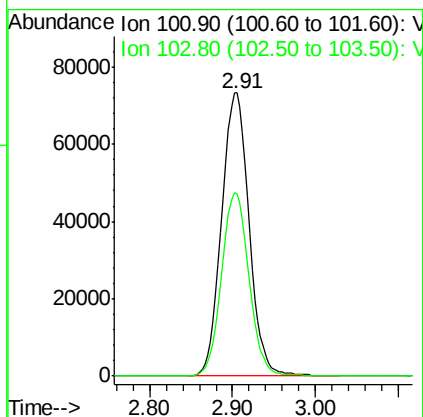
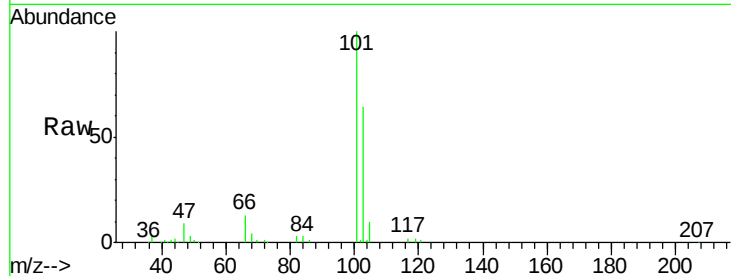
Trichlorofluoromethane
Concen: 54.099 ug/l
RT: 2.91 min Scan# 352
Delta R.T. -0.06 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	169074		
103	64.4	52.3	78.5	

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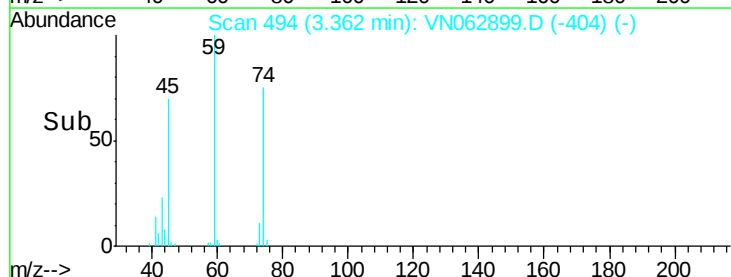
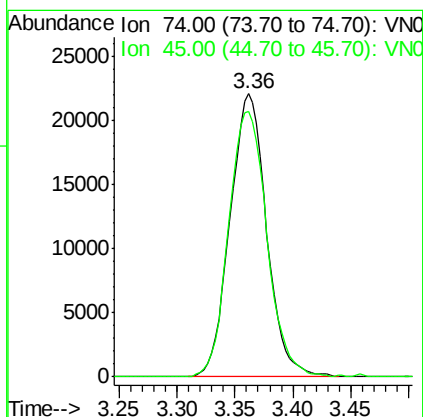
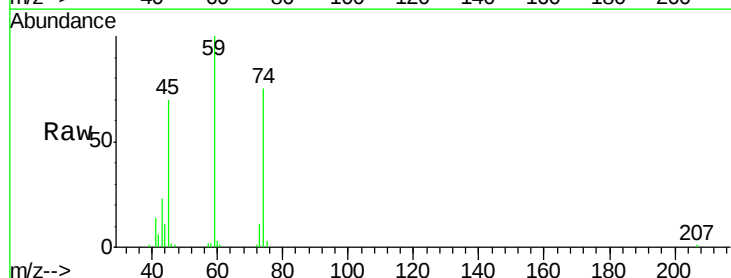
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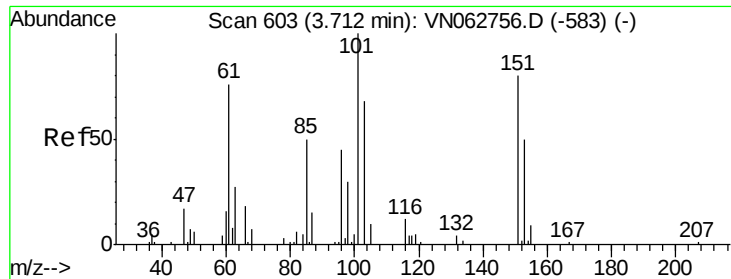


#8

Diethyl Ether
Concen: 53.796 ug/l
RT: 3.36 min Scan# 494
Delta R.T. -0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	48130		
45	98.4	48.7	146.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.789 ug/l

RT: 3.67 min Scan# 591

Delta R.T. -0.04 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

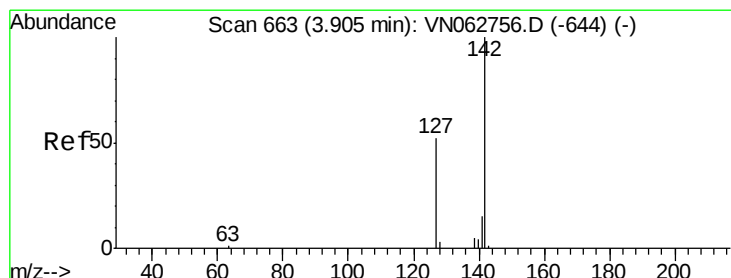
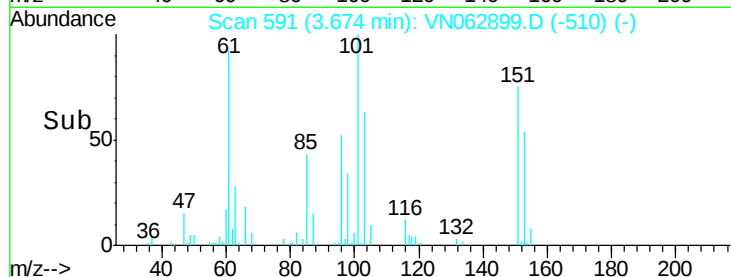
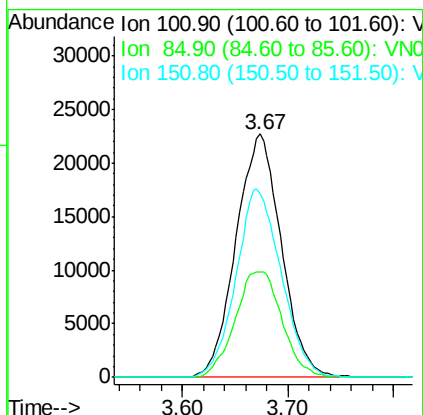
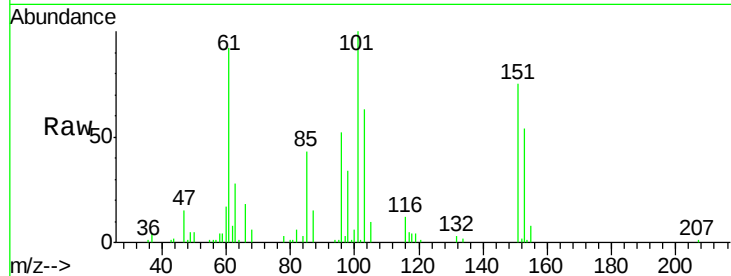
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	67714
Ion Ratio	Lower	Upper	
101	100		
85	44.8	38.5	57.7
151	77.3	63.0	94.6

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#10

Methyl Iodide

Concen: 49.621 ug/l

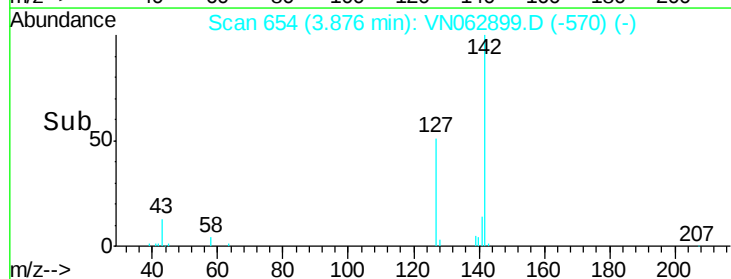
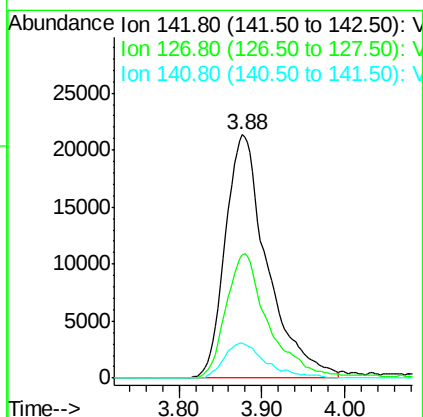
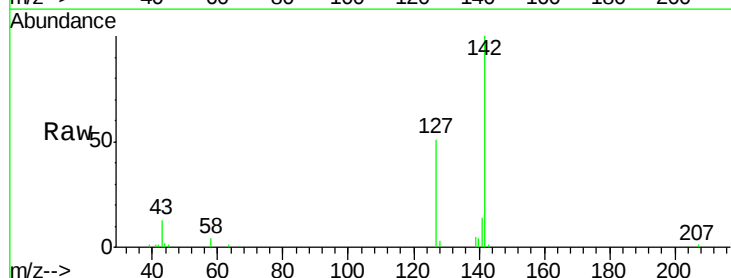
RT: 3.88 min Scan# 654

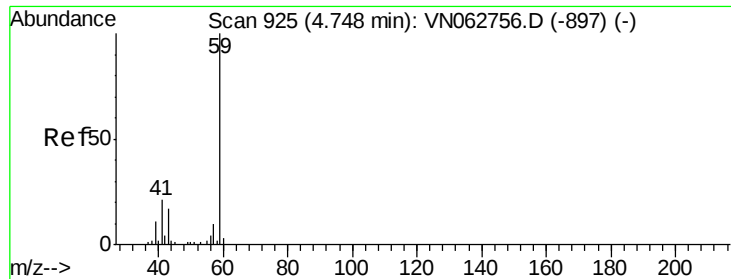
Delta R.T. -0.03 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Tgt Ion:	142	Resp:	75164
Ion Ratio	Lower	Upper	
142	100		
127	51.2	41.4	62.0
141	13.0	12.2	18.4





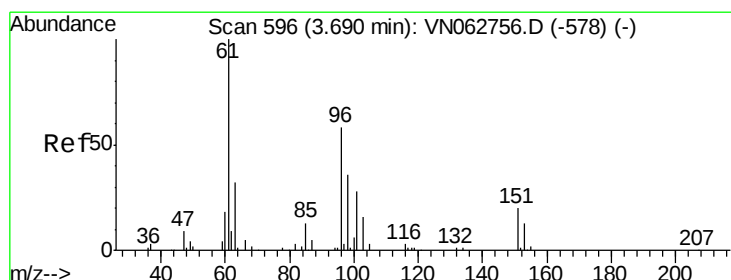
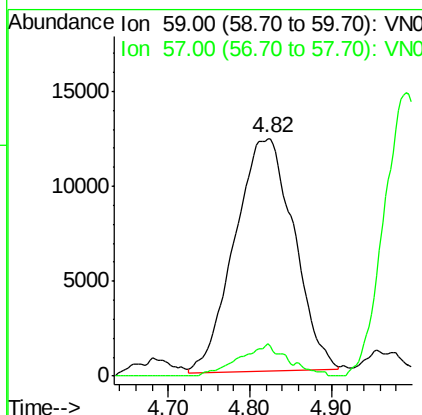
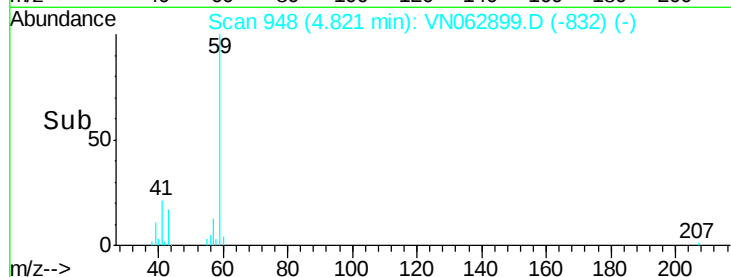
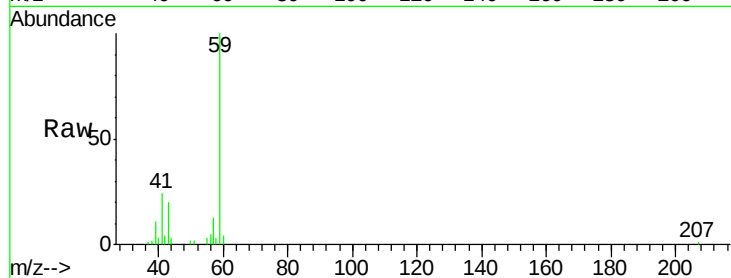
#11
Tert butyl alcohol
Concen: 165.713 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.07 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

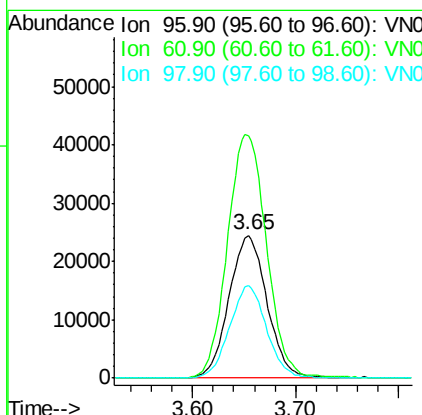
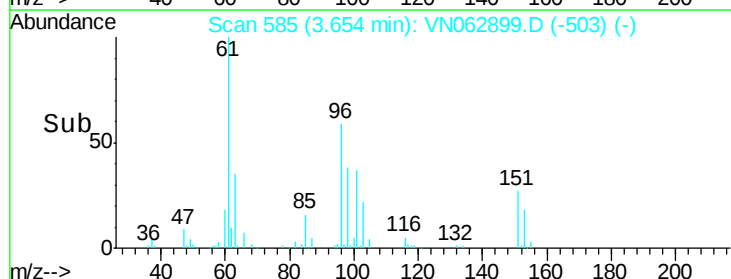
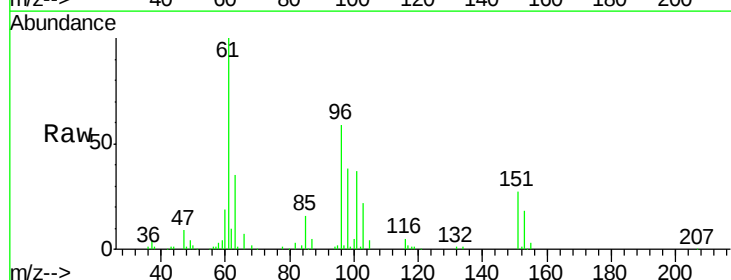
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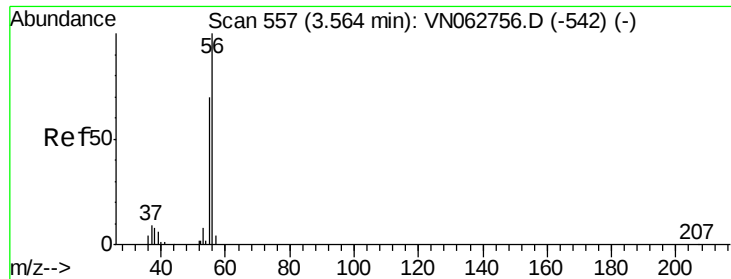
MMDadoda
8/13/2020 10:55:55 AM



#12
1,1-Dichloroethene
Concen: 53.350 ug/l
RT: 3.65 min Scan# 585
Delta R.T. -0.03 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.0	139.0	208.6
98	64.8	50.2	75.4





#13

Acrolein

Concen: 132.428 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30052

Ion Ratio Lower Upper

56 100

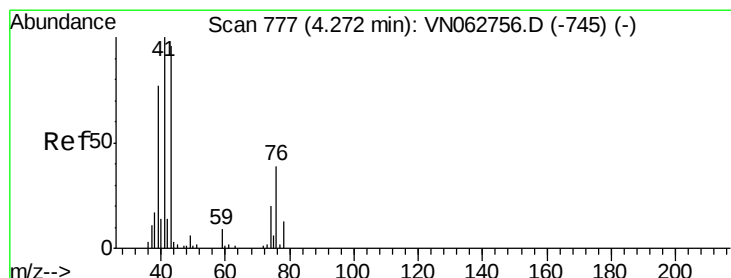
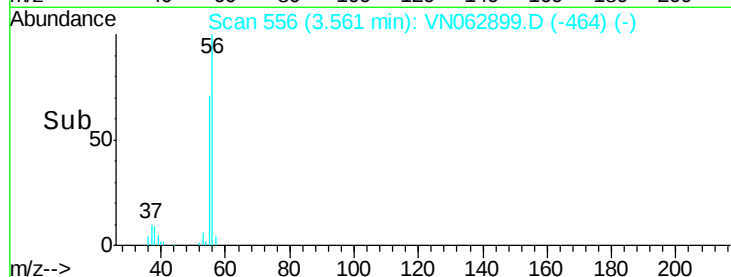
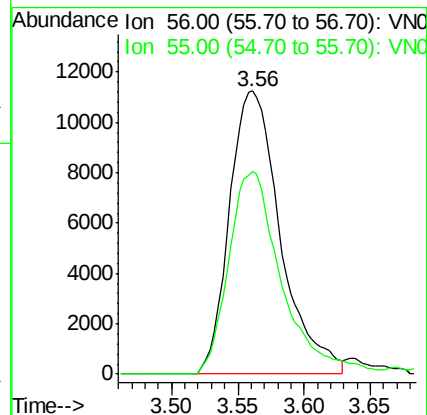
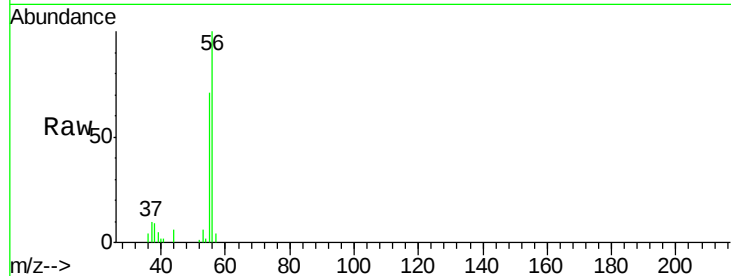
55 74.3 57.0 85.6

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#14

Allyl chloride

Concen: 37.704 ug/l

RT: 4.25 min Scan# 770

Delta R.T. -0.02 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

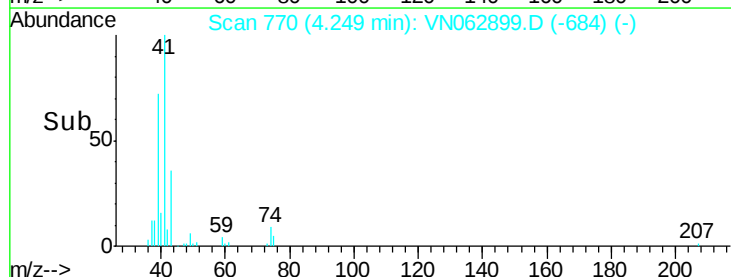
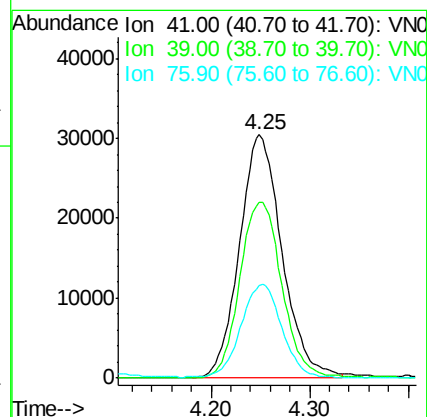
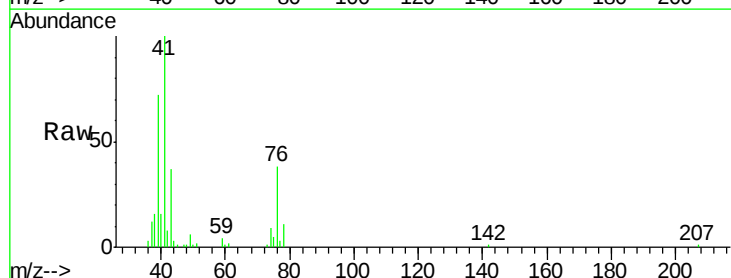
Tgt Ion: 41 Resp: 91285

Ion Ratio Lower Upper

41 100

39 71.5 55.7 83.5

76 37.2 27.5 41.3





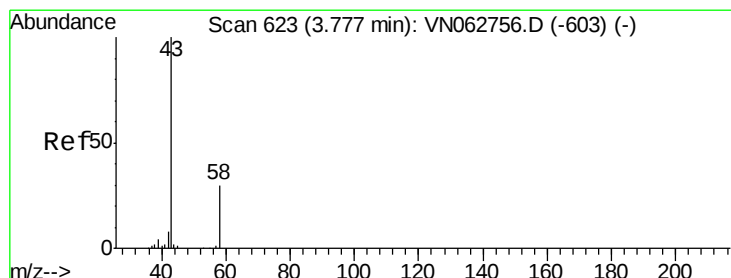
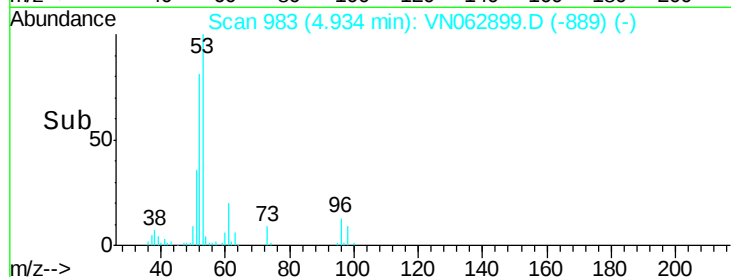
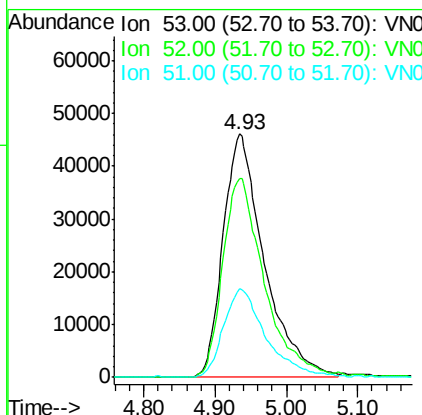
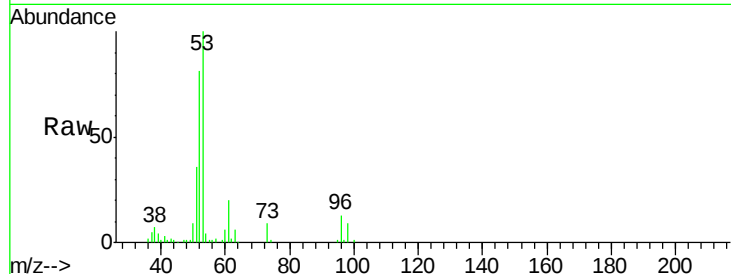
#15
 Acrylonitrile
 Concen: 212.830 ug/l
 RT: 4.93 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	185017
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.8	100.2
51	36.8	29.5	44.3

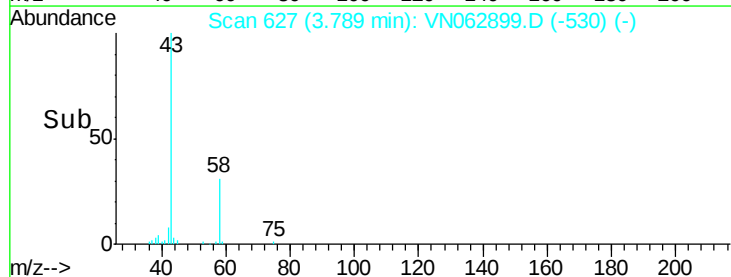
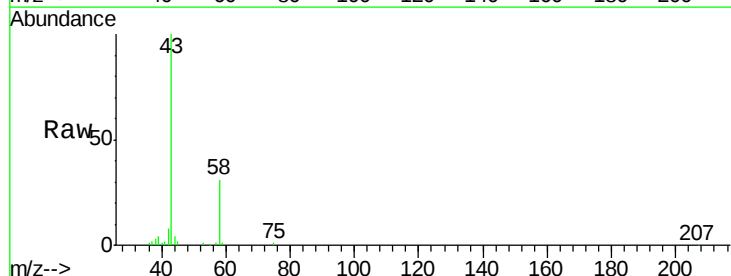
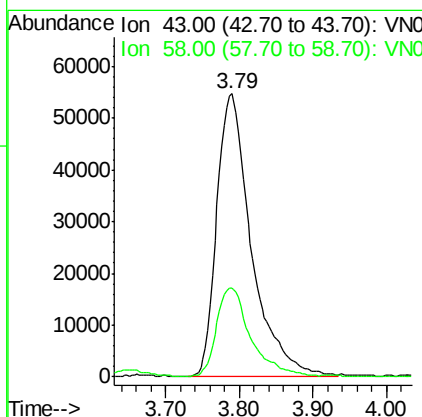
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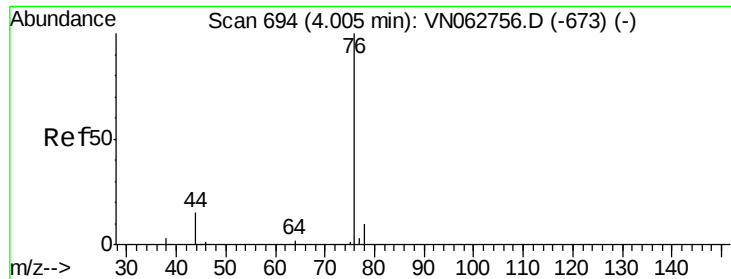
MMDadoda
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#16
 Acetone
 Concen: 216.999 ug/l
 RT: 3.79 min Scan# 627
 Delta R.T. 0.01 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Tgt Ion:	43	Resp:	179309
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.1	36.1





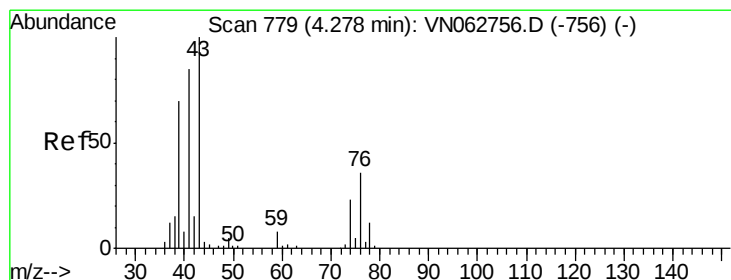
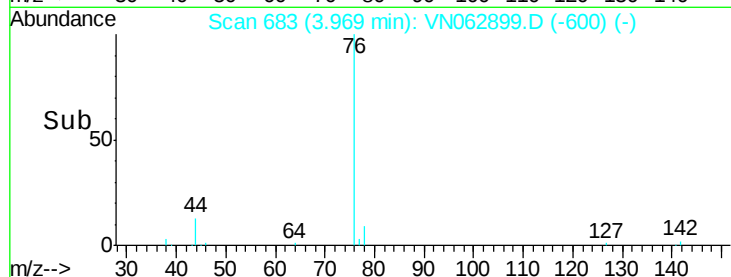
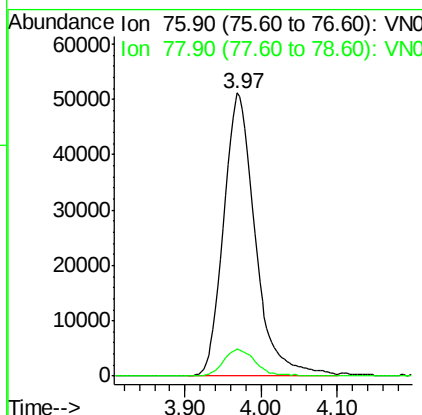
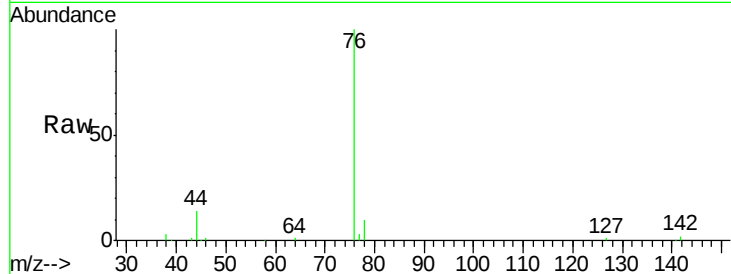
#17
Carbon Disulfide
Concen: 44.275 ug/l
RT: 3.97 min Scan# 683
Delta R.T. -0.03 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.7	11.5

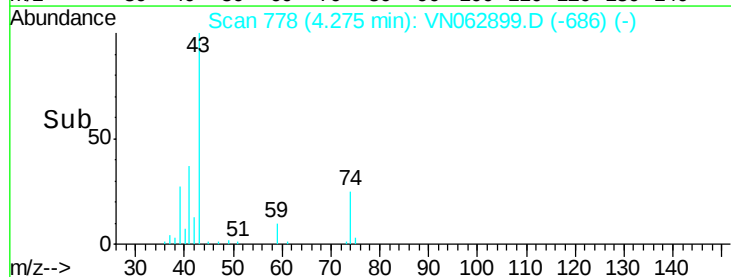
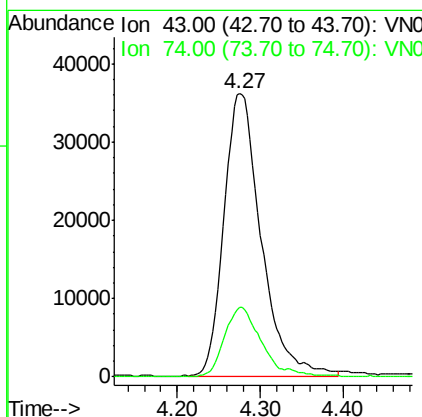
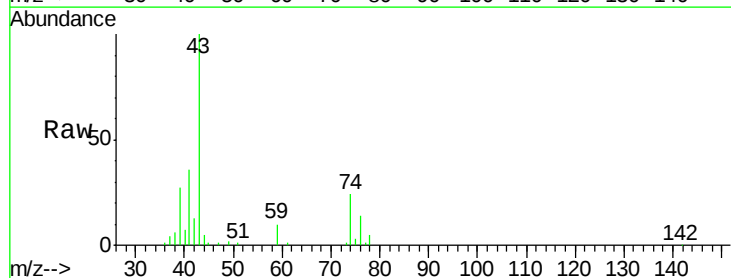
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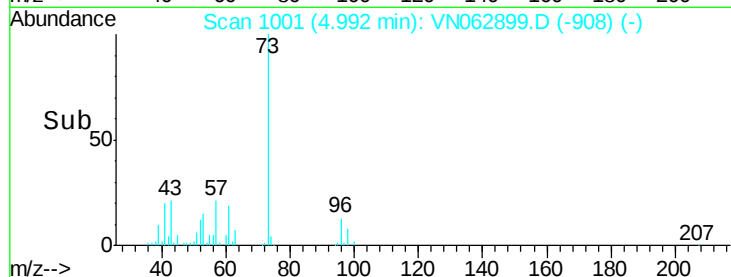
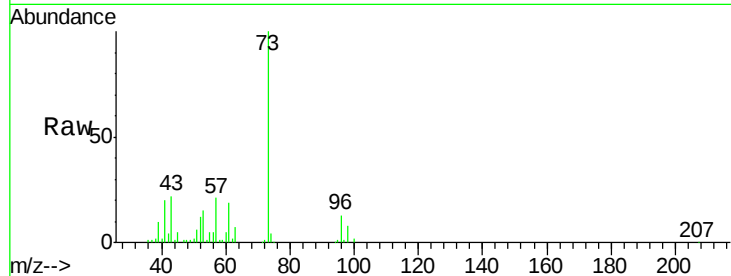
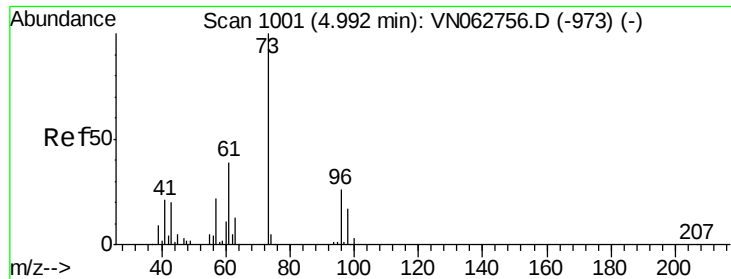
MMDadoda
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#18
Methyl Acetate
Concen: 58.351 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.6	28.0





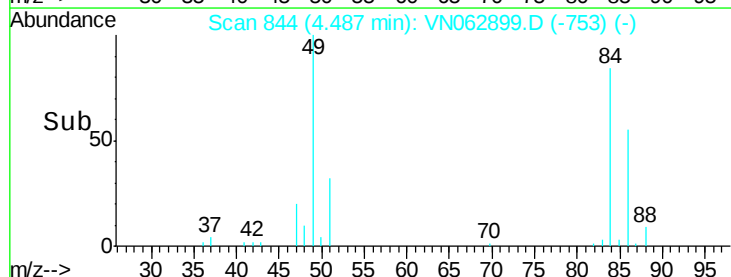
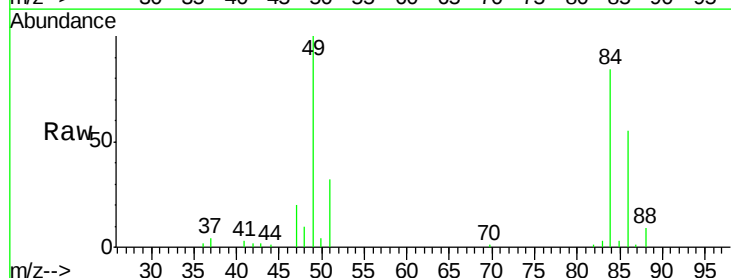
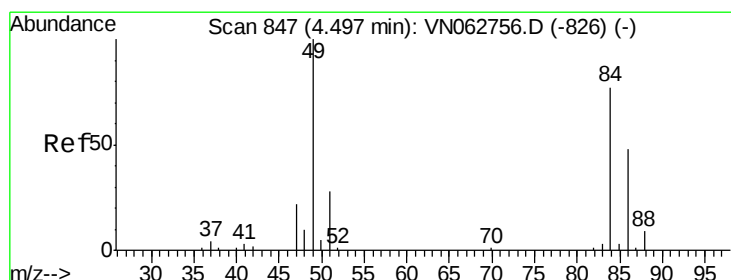
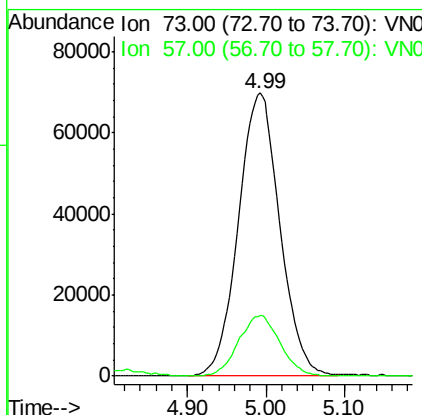
#19
Methvl tert-butvl Ether
Concen: 48.326 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tot Ion: 73 Resp: 258918
Ion Ratio Lower Upper
73 100
57 21.3 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

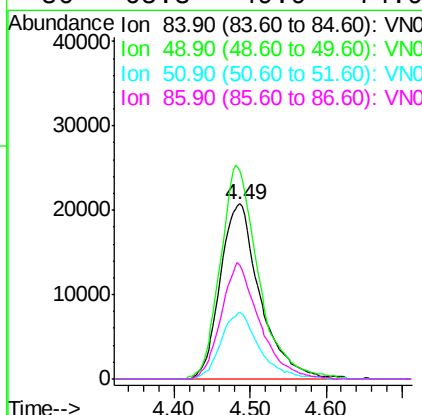
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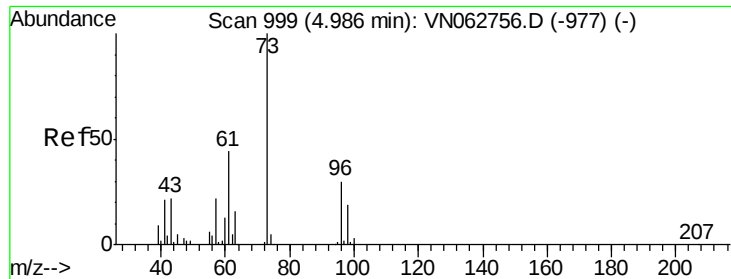
MMDadoda
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#20
Methylene Chloride
Concen: 49.999 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion: 84 Resp: 75608
Ion Ratio Lower Upper
84 100
49 118.2 103.4 155.2
51 37.9 29.3 43.9
86 65.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 44.883 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.02 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

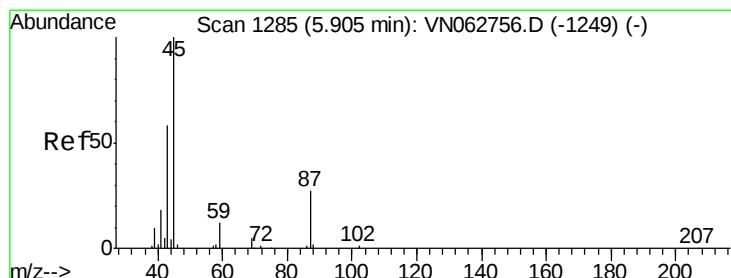
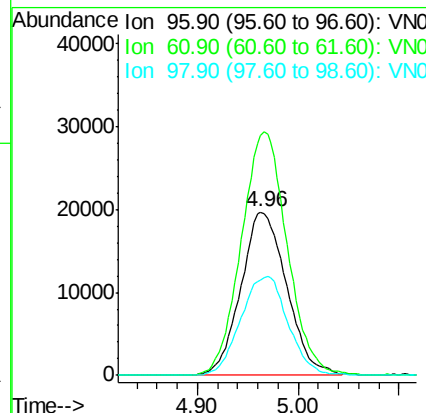
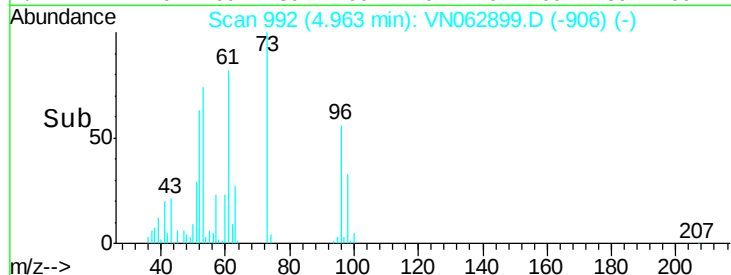
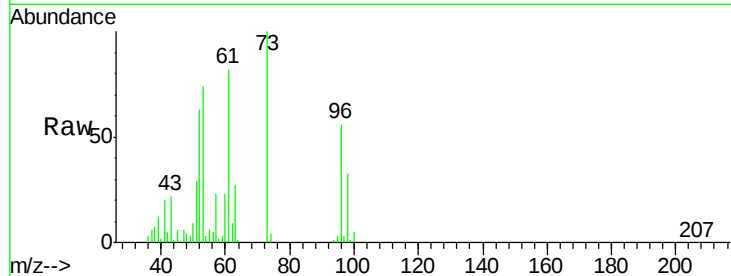
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	62111
Ion	Ratio	Lower	Upper
96	100		
61	147.0	118.8	178.2
98	58.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.677 ug/l

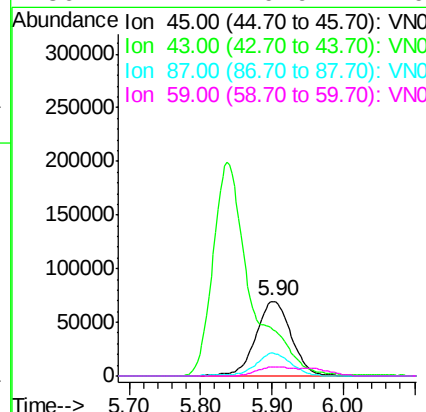
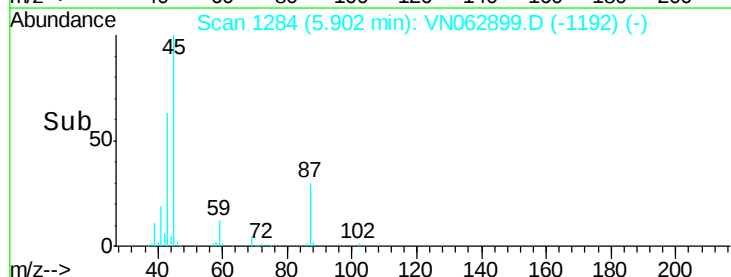
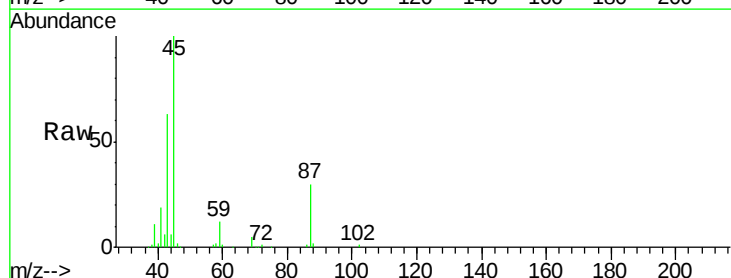
RT: 5.90 min Scan# 1284

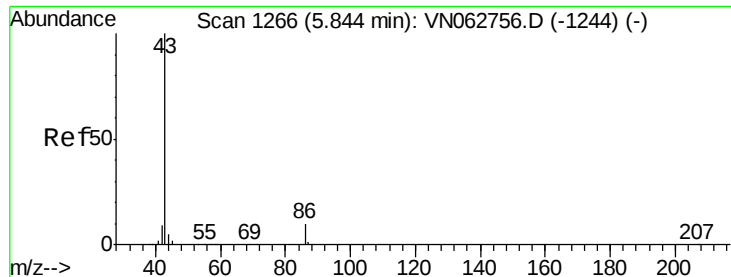
Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Tgt Ion:	45	Resp:	240573
Ion	Ratio	Lower	Upper
45	100		
43	60.7	47.4	71.2
87	30.3	22.8	34.2
59	12.1	9.9	14.9





#23

Vinyl Acetate

Concen: 185.825 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 728476

Ion Ratio Lower Upper

43 100

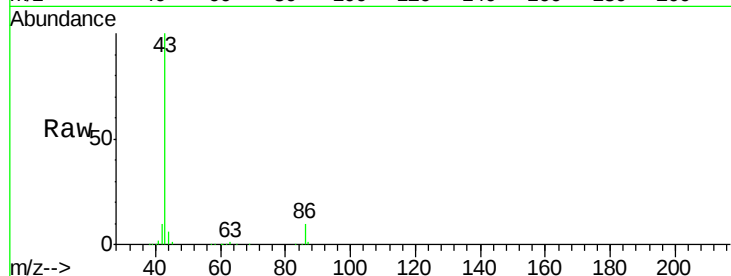
86 10.3 7.7 11.5

Manual Integrations

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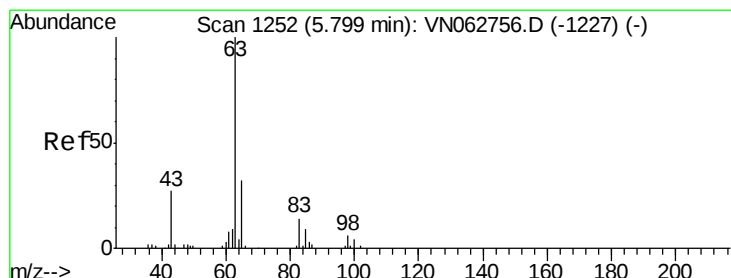
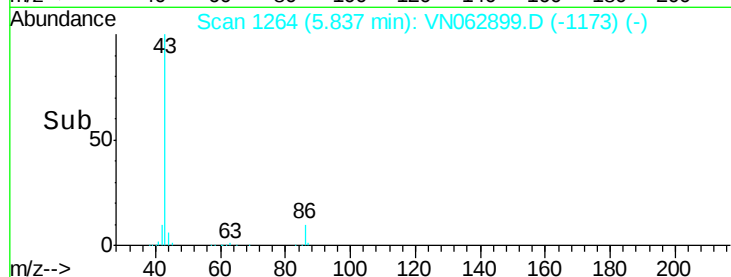
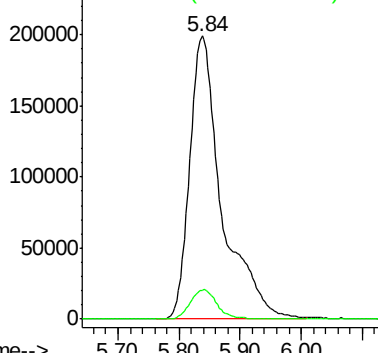
MMDadoda

8/13/2020 10:55:55 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 45.232 ug/l

RT: 5.78 min Scan# 1246

Delta R.T. -0.02 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

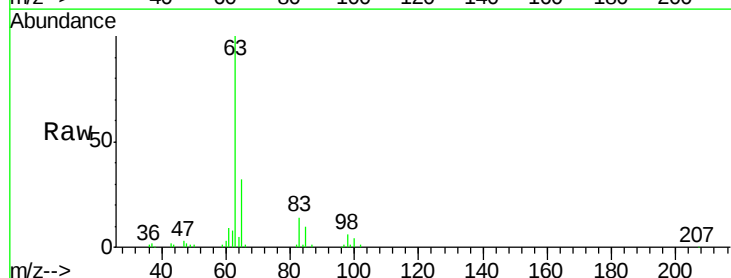
Tgt Ion: 63 Resp: 136617

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

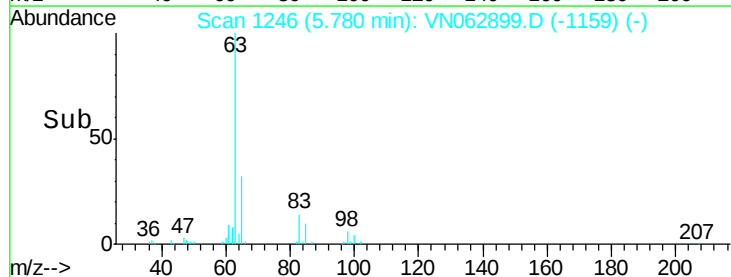
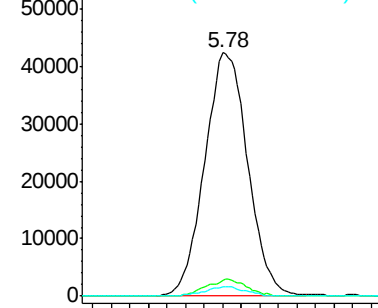
100 3.8 1.9 5.7

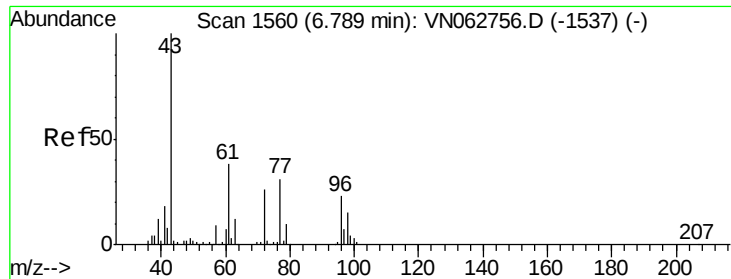


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 183.771 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 215070

Ion Ratio Lower Upper

43 100

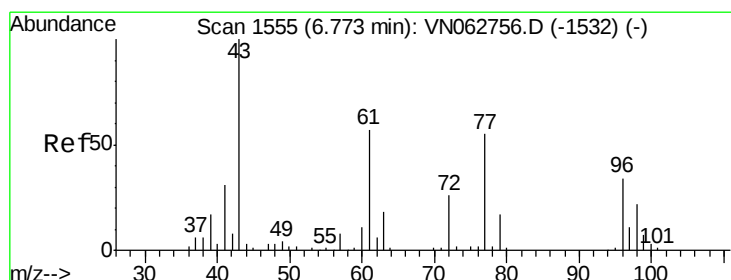
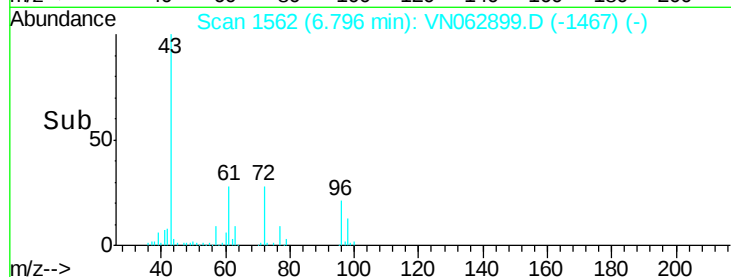
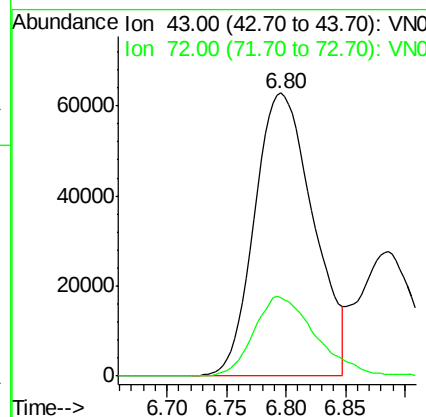
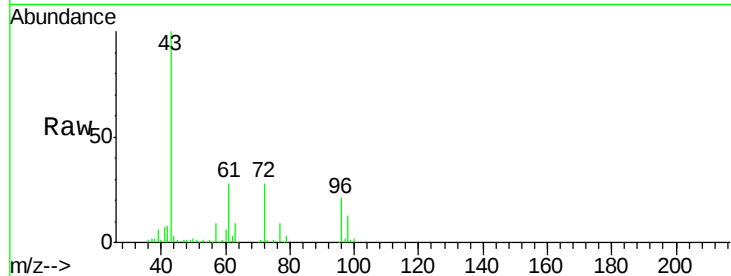
72 27.6 21.1 31.7

Manual Integrations

APPROVED

MMDadoda

8/13/2020 10:55:55 AM



#26

2,2-Dichloropropane

Concen: 18.635 ug/l

RT: 6.77 min Scan# 1553

Delta R.T. -0.01 min

Lab File: VN062899.D

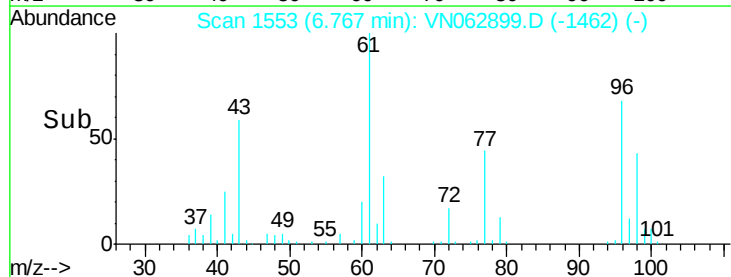
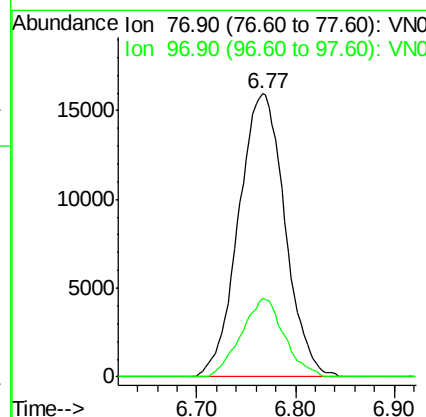
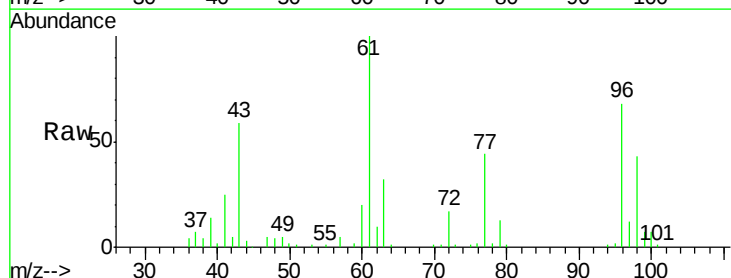
Acq: 13 Aug 2020 9:12

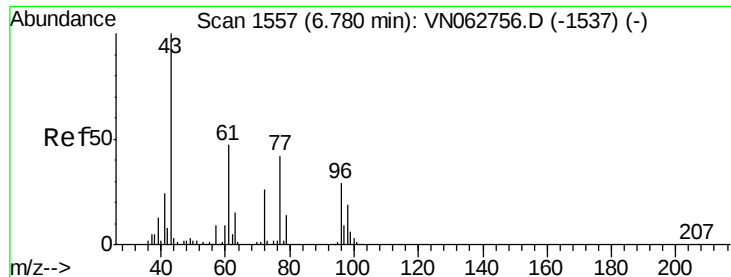
Tgt Ion: 77 Resp: 51883

Ion Ratio Lower Upper

77 100

97 25.8 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 46.280 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

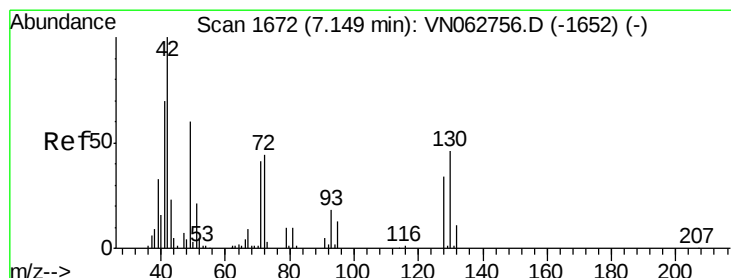
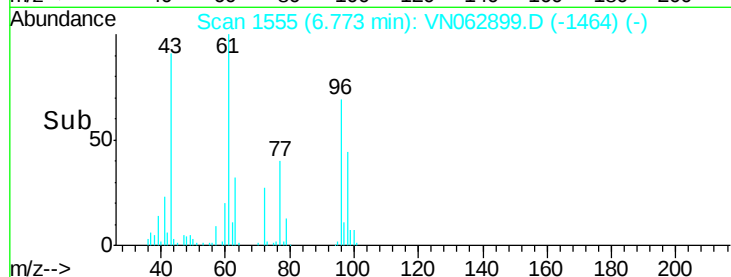
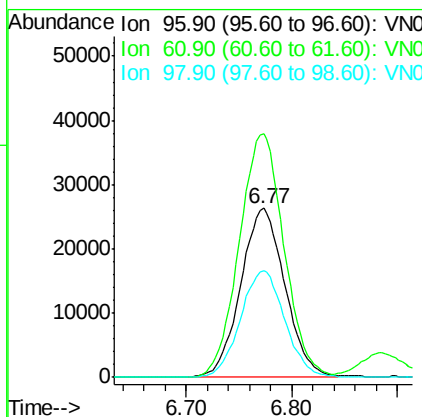
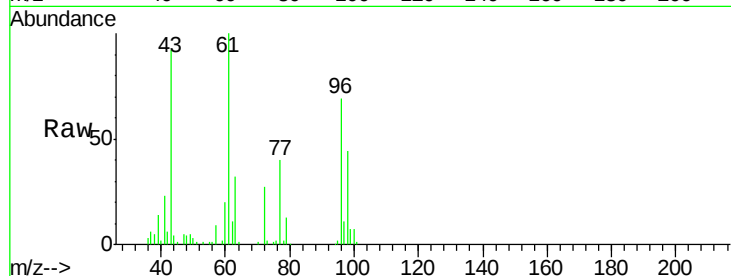
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	76828
Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	332.2
98	62.9	0.0	129.4

Manual Integrations
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8/13/2020 10:55:55 AM



#28

Bromochloromethane

Concen: 43.131 ug/l

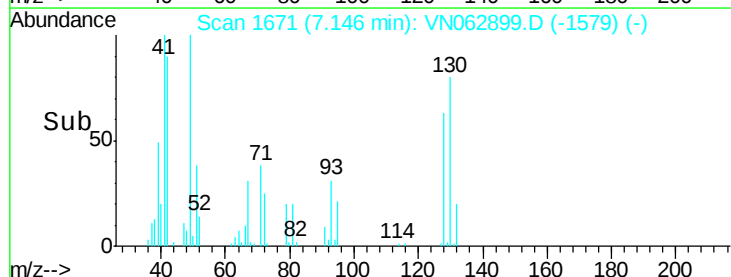
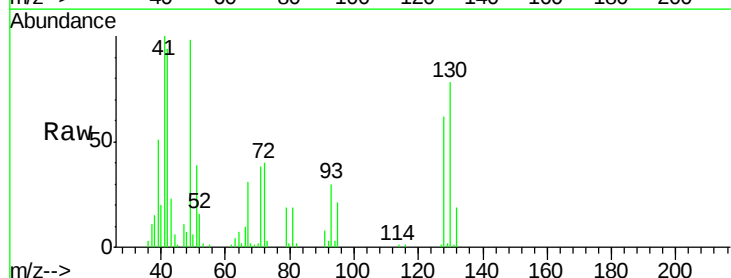
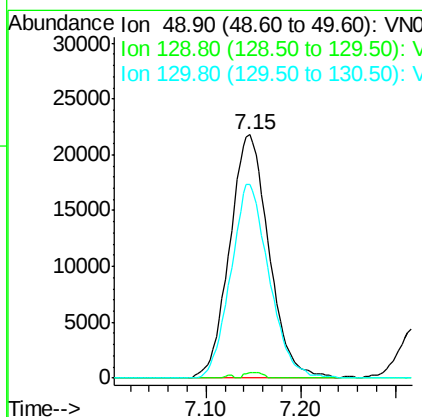
RT: 7.15 min Scan# 1671

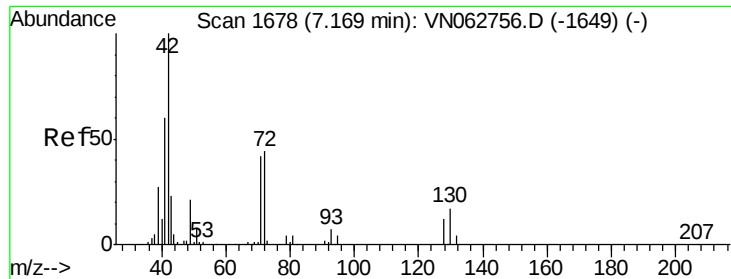
Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Tgt Ion:	49	Resp:	62872
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	77.7	59.0	88.6





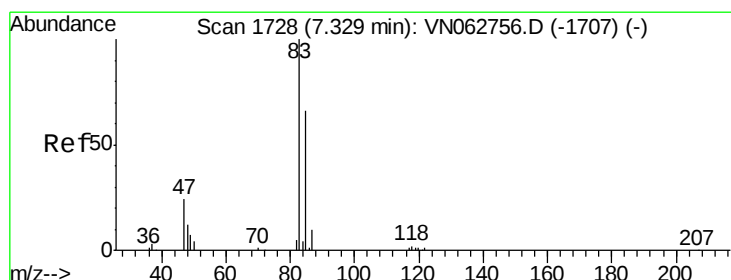
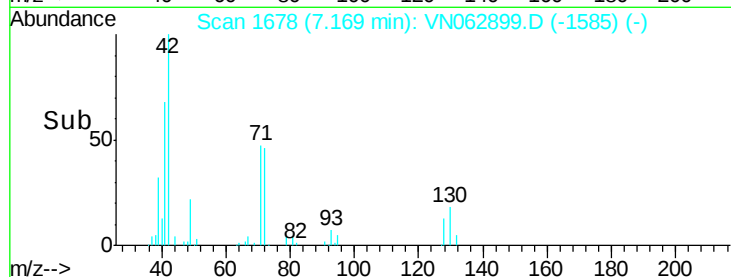
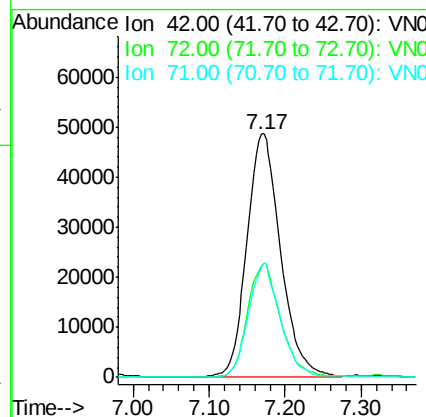
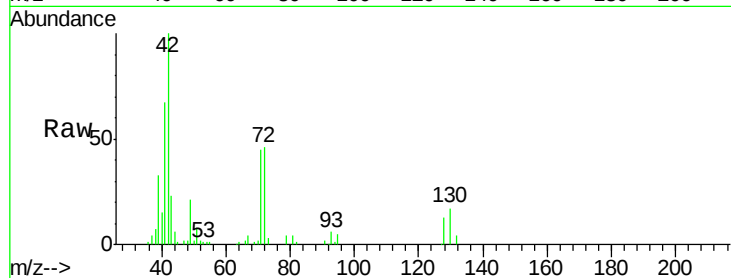
#29
Tetrahydrofuran
Concen: 198.246 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.0	52.4
71	43.9	33.2	49.8

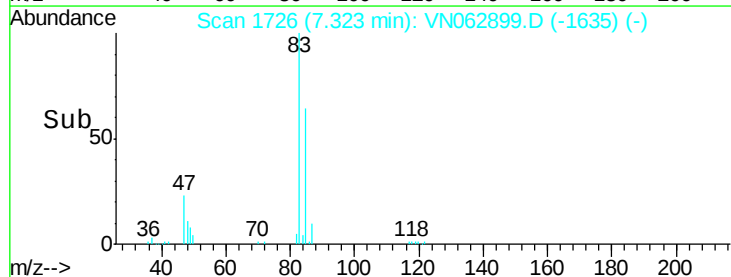
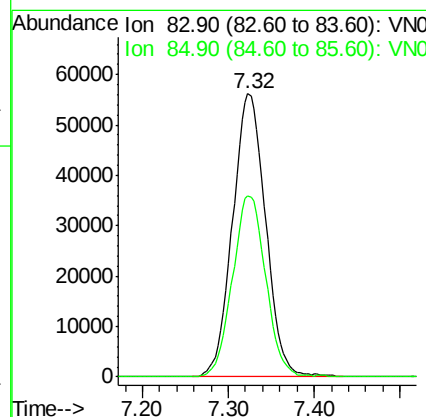
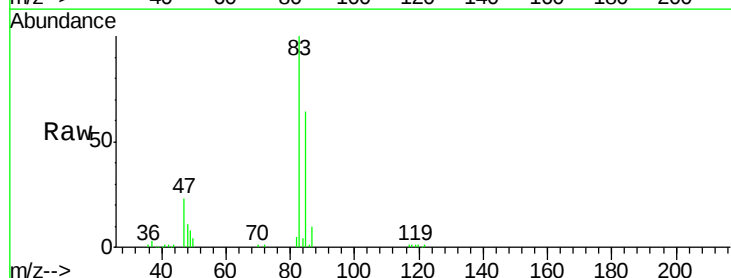
Manual Integrations
APPROVED

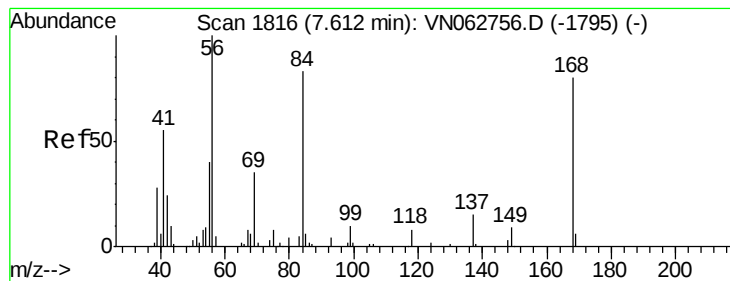
MMDadoda
8/13/2020 10:55:55 AM



#30
Chloroform
Concen: 46.783 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.7	79.1





#31

Cyclohexane

Concen: 43.325 ug/l

RT: 7.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

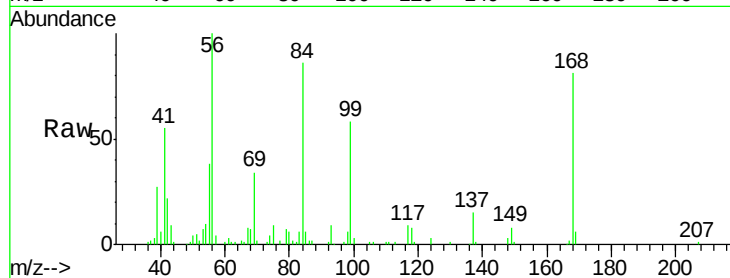
VSTDCCC050EC

Tot Ion: 56 Resp: 120120

Ion	Ratio	Lower	Upper
56	100		
69	34.2	28.1	42.1
84	85.0	66.8	100.2

Manual Integrations
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8/13/2020 10:55:55 AM

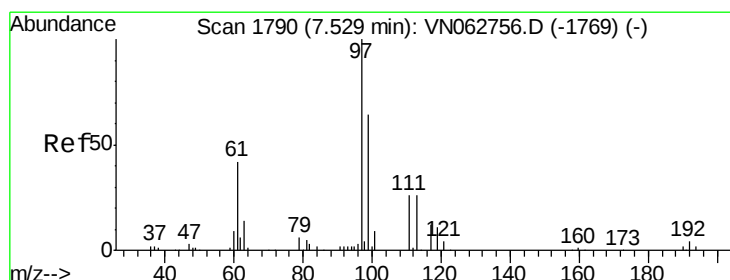
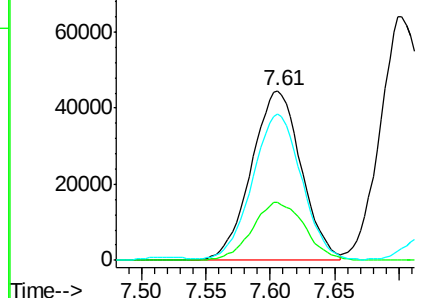
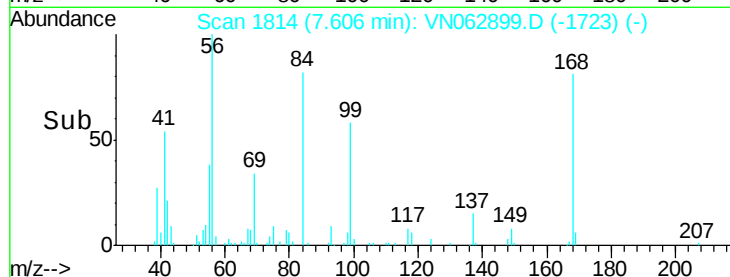


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 47.032 ug/l

RT: 7.52 min Scan# 1787

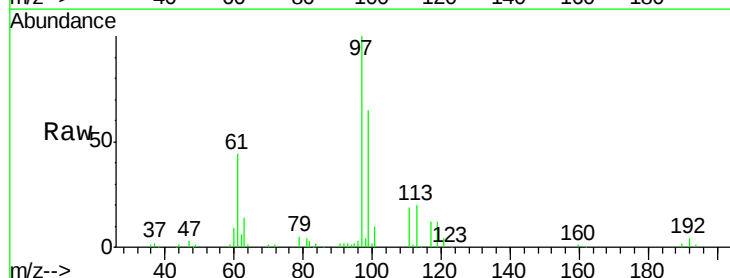
Delta R.T. -0.01 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Tgt Ion: 97 Resp: 134974

Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.0	75.0
61	42.4	34.8	52.2

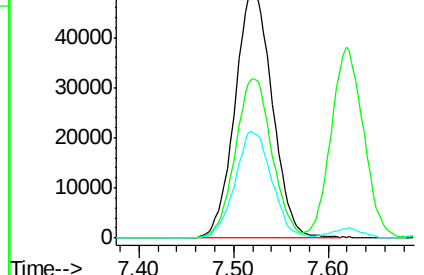
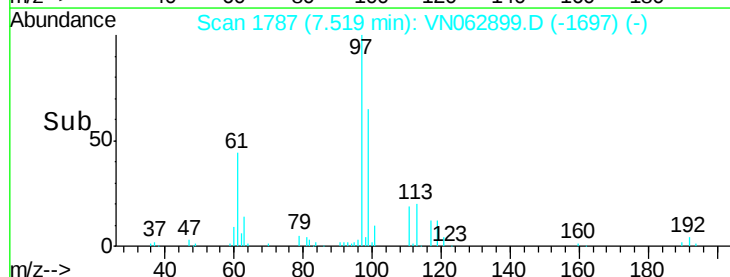


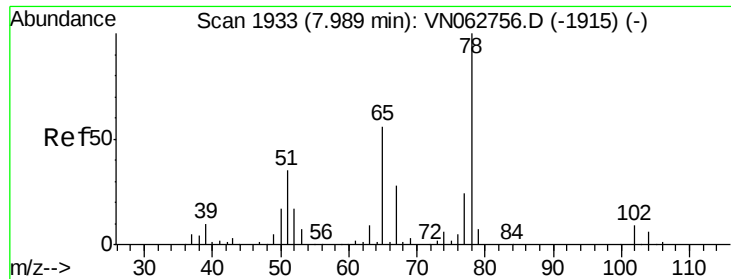
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





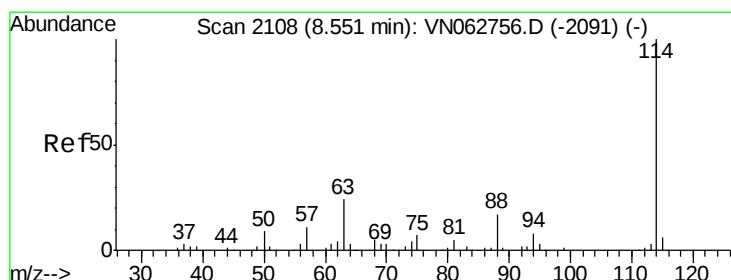
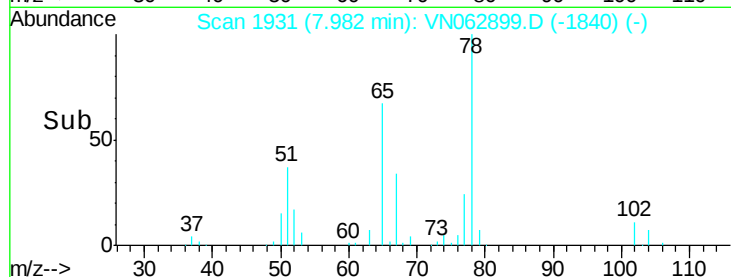
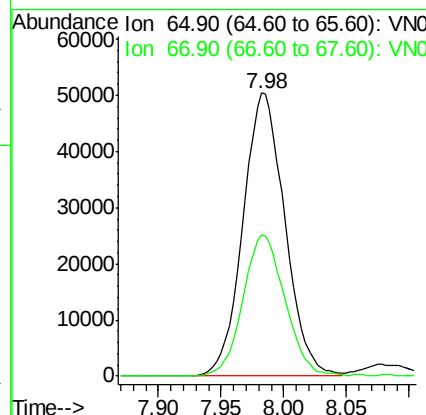
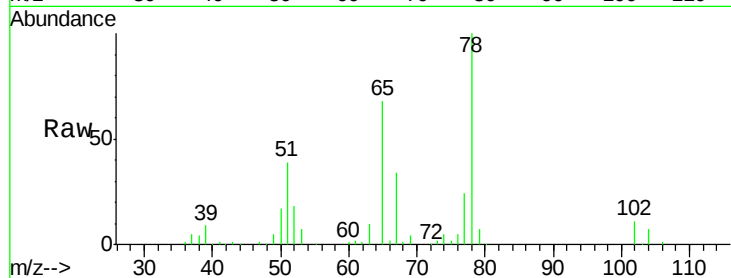
#33
 1,2-Dichloroethane-d4
 Concen: 51.256 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117214		
67	49.9	0.0	101.4	

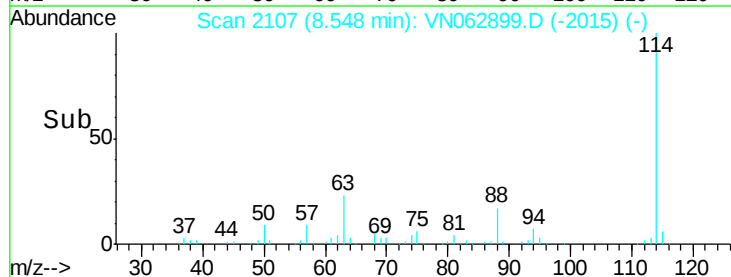
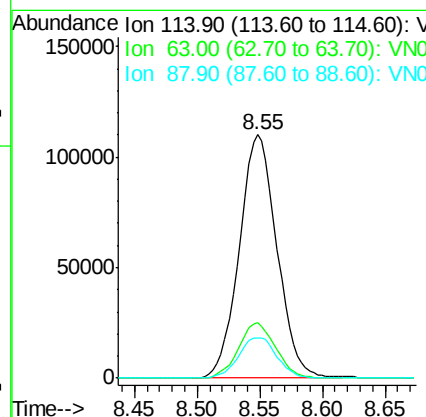
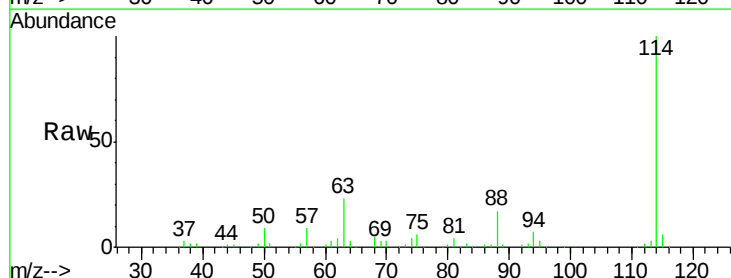
Manual Integrations
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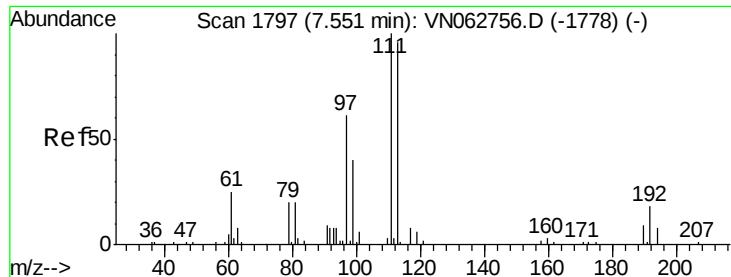
MMDadoda
 8/13/2020 10:55:55 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	229727		
63	22.6	0.0	47.6	
88	16.6	0.0	34.4	





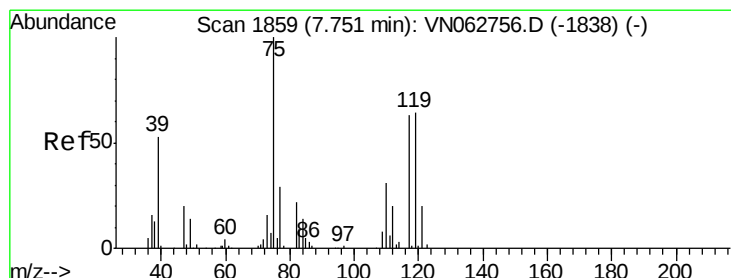
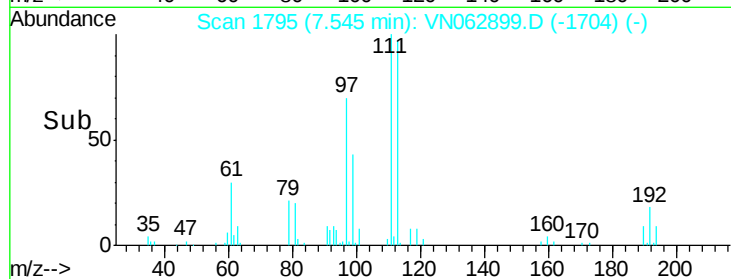
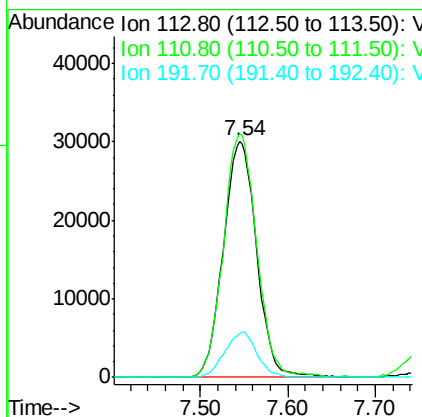
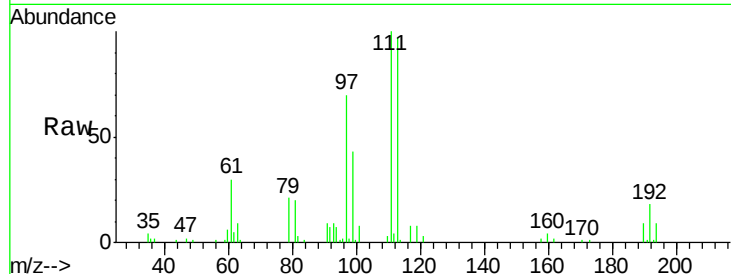
#35
Dibromofluoromethane
Concen: 50.478 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	79325		
111	102.5	81.8	122.6	
192	18.4	15.0	22.4	

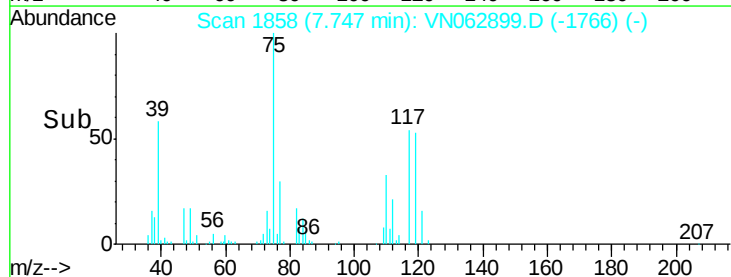
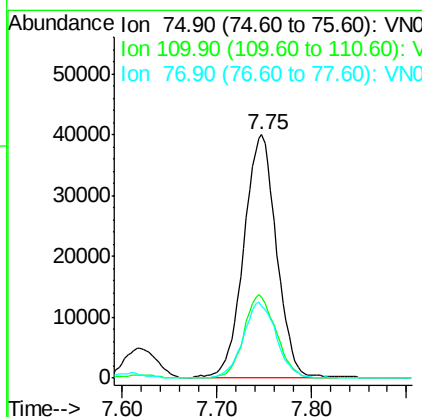
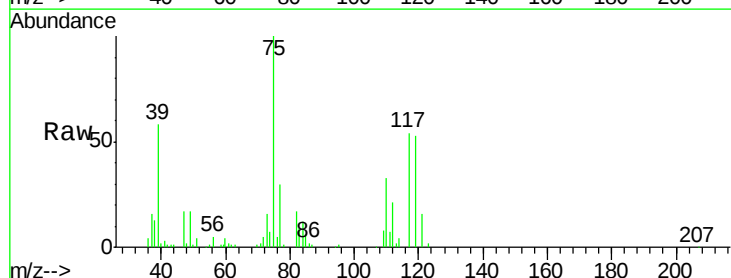
Manual Integrations
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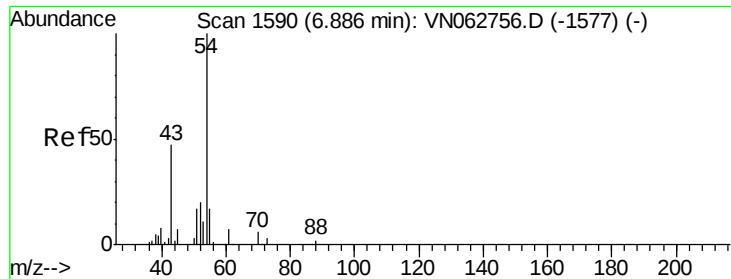
MMDadoda
8/13/2020 10:55:55 AM



#36
1,1-Dichloropropene
Concen: 43.152 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	96525		
110	33.4	15.6	46.7	
77	31.4	24.1	36.1	





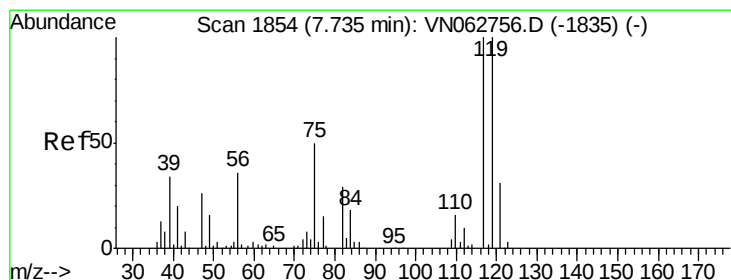
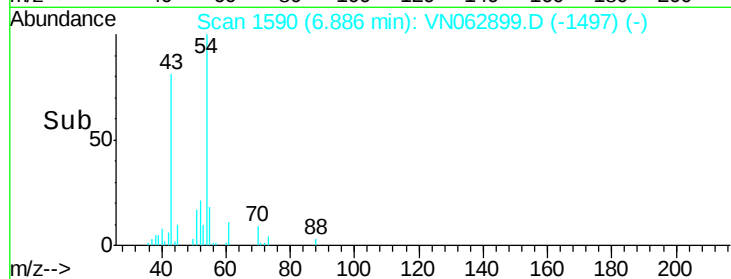
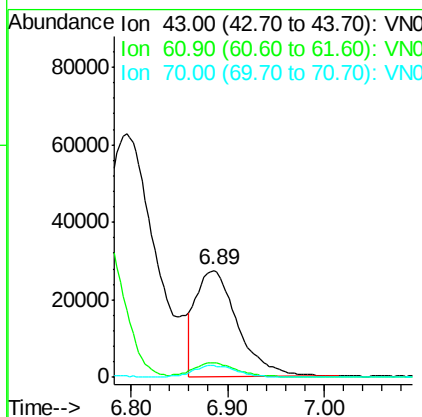
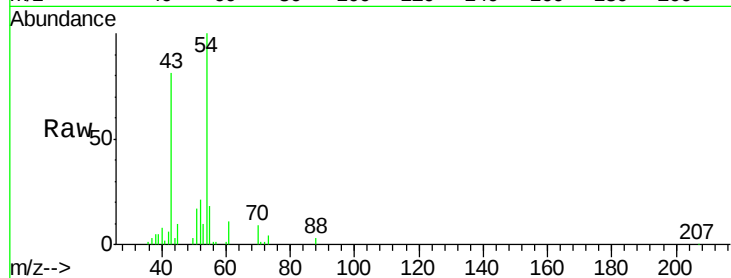
#37
Ethyl Acetate
Concen: 35.109 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	82037
Ion Ratio	100	Lower	Upper
43	100		
61	14.8	12.1	18.1
70	11.7	8.3	12.5

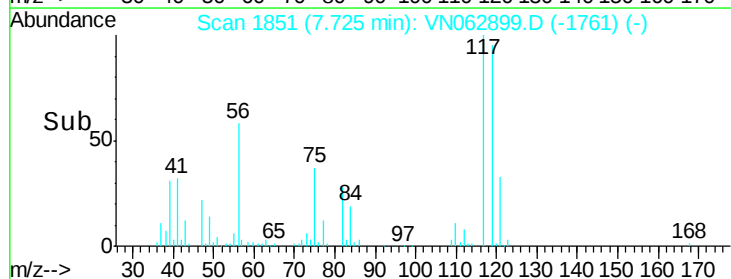
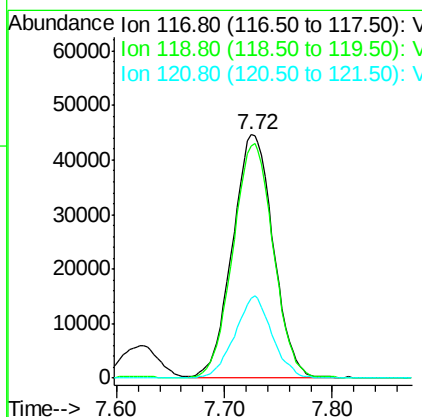
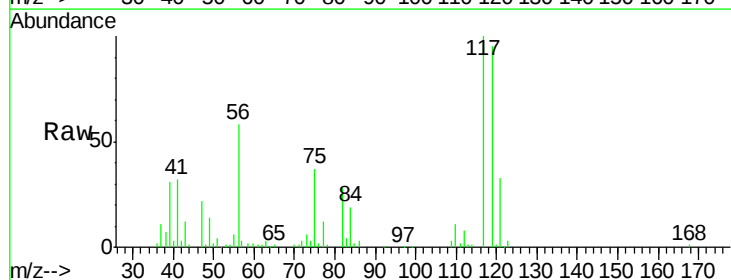
Manual Integrations
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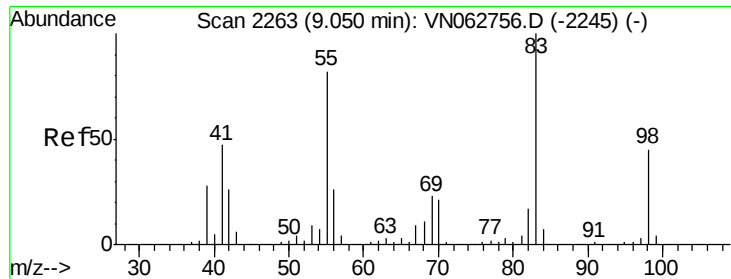
MMDadoda
8/13/2020 10:55:55 AM



#38
Carbon Tetrachloride
Concen: 44.471 ug/l
RT: 7.72 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	117	Resp	117650
Ion Ratio	100	Lower	Upper
117	100		
119	95.2	79.4	119.2
121	32.6	24.9	37.3





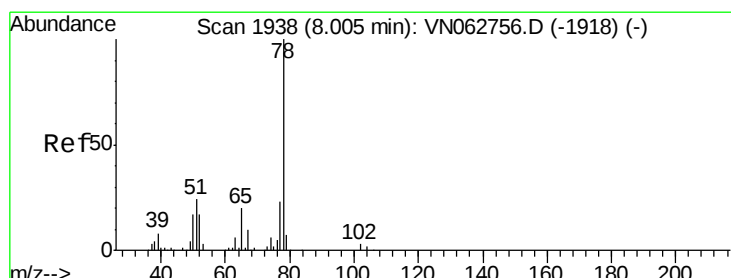
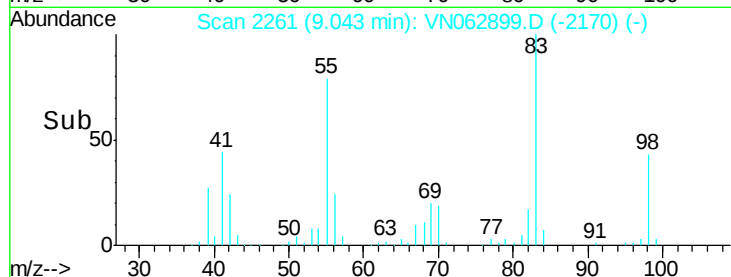
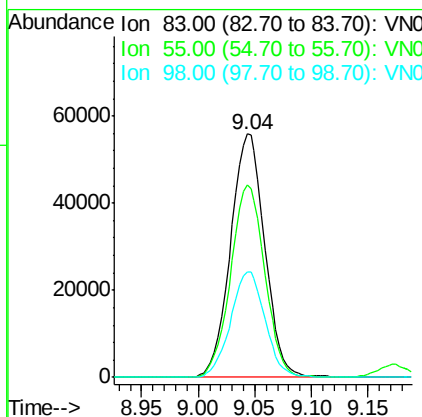
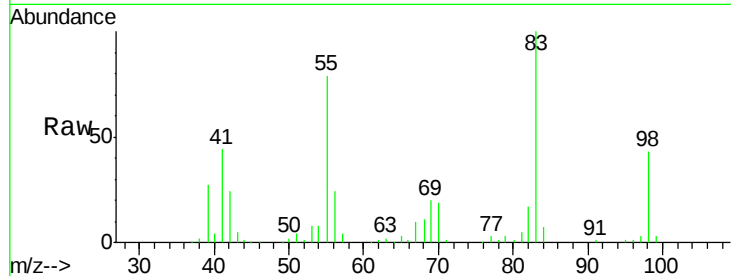
#39
Methvlcvclohexane
Concen: 43.691 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.1	65.7	98.5	
98	43.4	35.6	53.4	

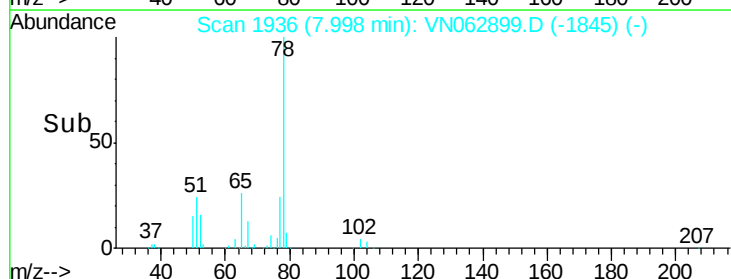
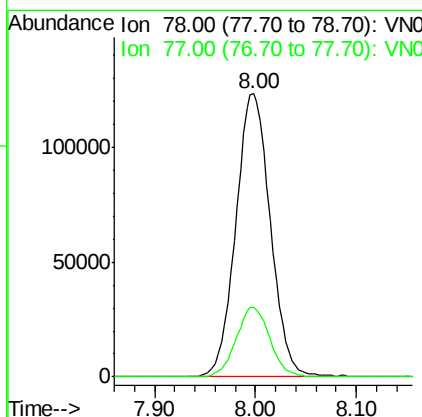
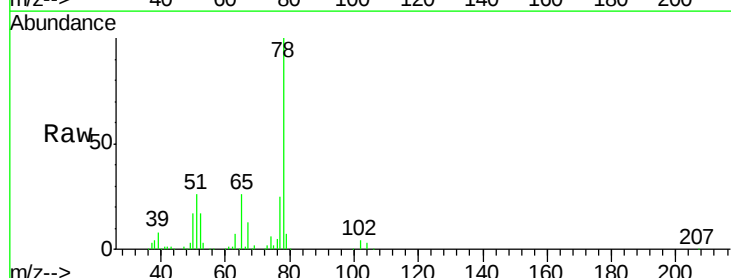
Manual Integrations
APPROVED

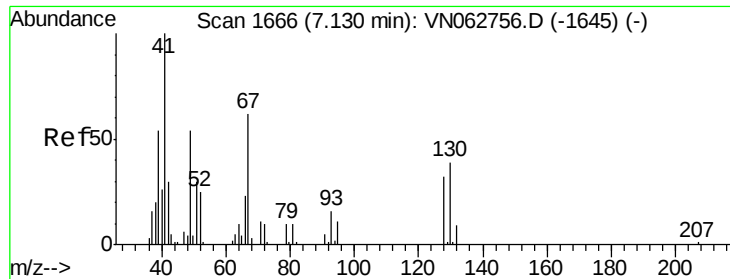
MMDadoda
8/13/2020 10:55:55 AM



#40
Benzene
Concen: 43.812 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.7	18.1	27.1	





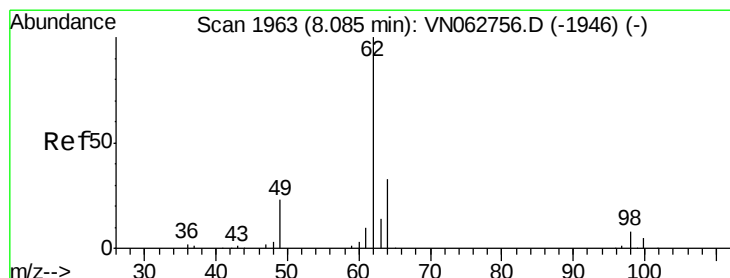
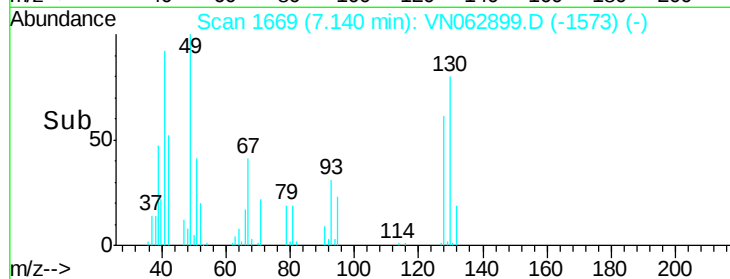
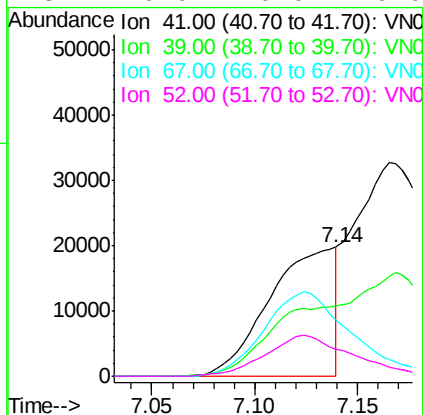
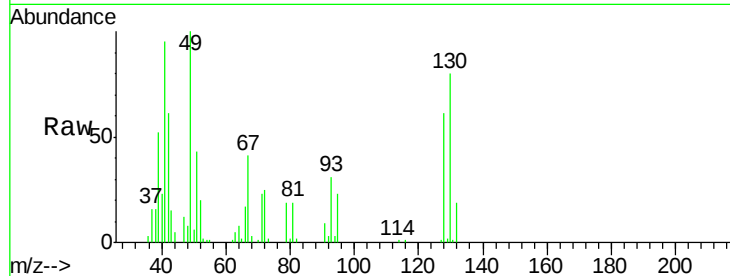
#41
Methacrylonitrile
Concen: 42.169 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. 0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		44463		
39	165.0	69.4	104.2#		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

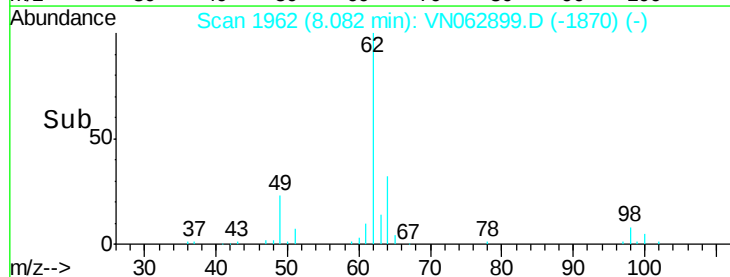
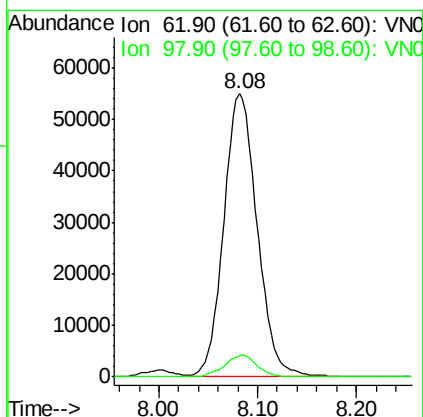
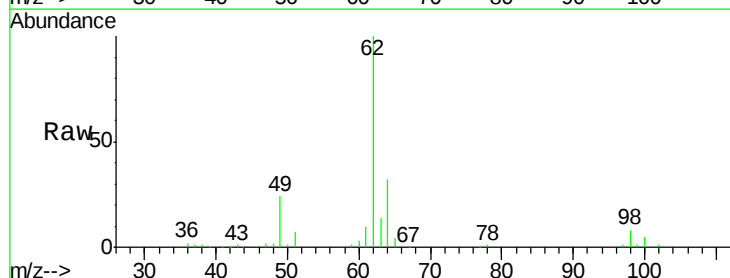
Manual Integrations
APPROVED

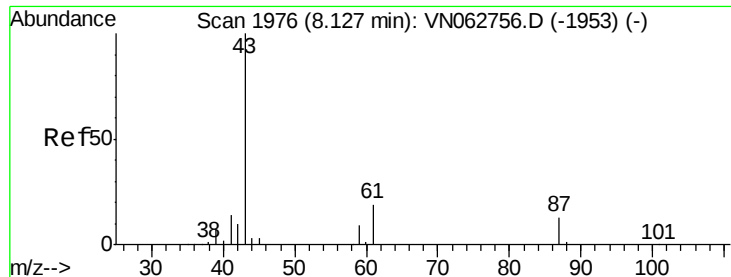
MMDadoda
8/13/2020 10:55:55 AM



#42
1,2-Dichloroethane
Concen: 45.827 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		130193		
98	7.4	0.0	15.8		





#43

Isopropyl Acetate

Concen: 37.531 ug/l

RT: 8.13 min Scan# 1978

Delta R.T. 0.01 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

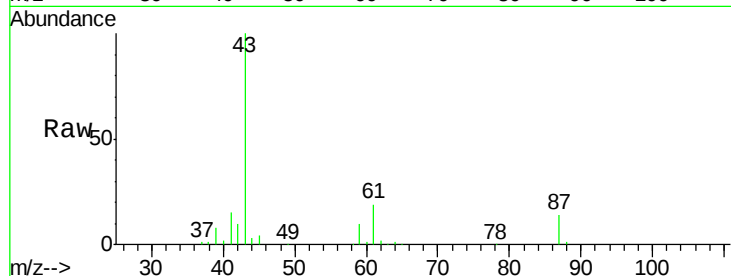
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	146274
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.8	23.6
87	13.5	9.9	14.9

Manual Integrations
APPROVED

MMDadoda
8/13/2020 10:55:55 AM

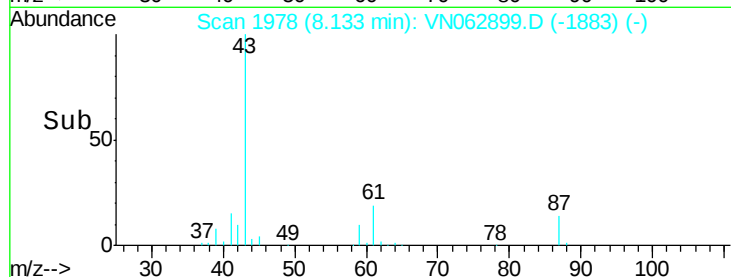


Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)

Time-->



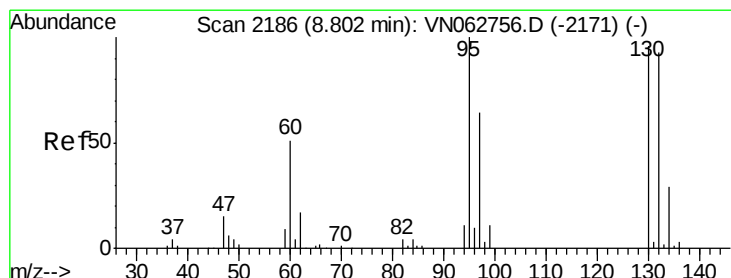
Abundance

Ion 43.00 (42.70 to 43.70): VN062899.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062899.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062899.D (-1883) (-)

Time-->



#44

Trichloroethene

Concen: 44.220 ug/l

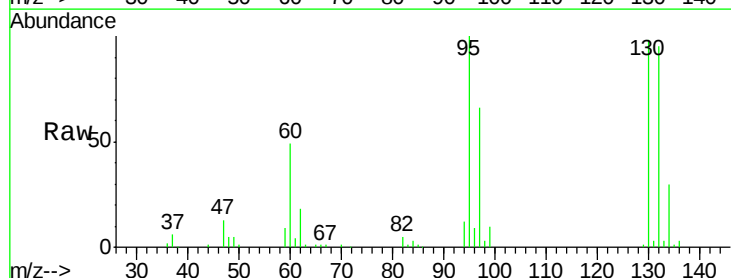
RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

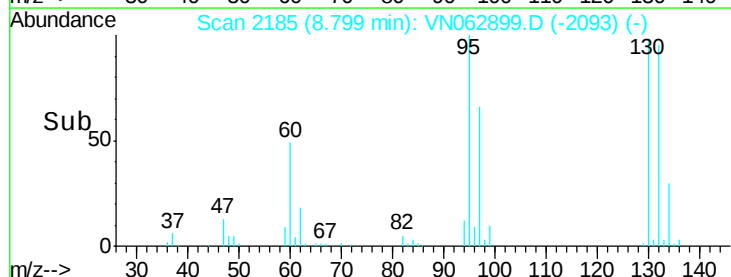
Tgt Ion:	130	Resp:	71911
Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)

Time-->

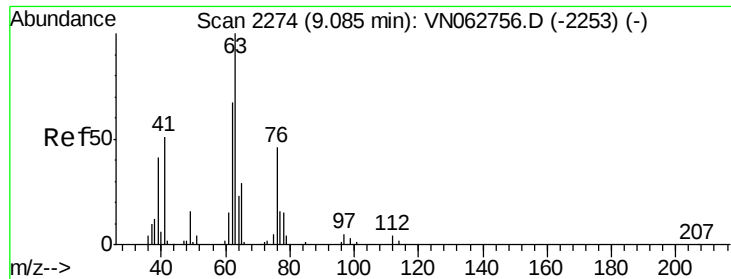


Abundance

Ion 129.80 (129.50 to 130.50): VN062899.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062899.D (-2093) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 44.754 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 80851

Ion Ratio Lower Upper

63 100

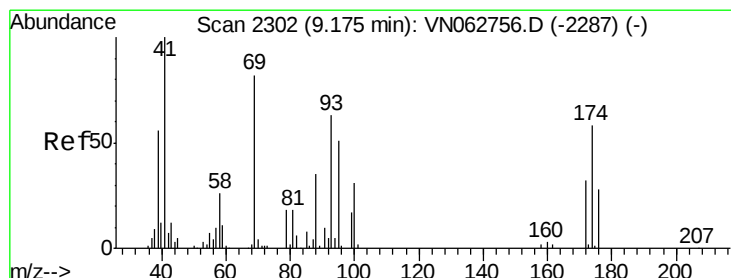
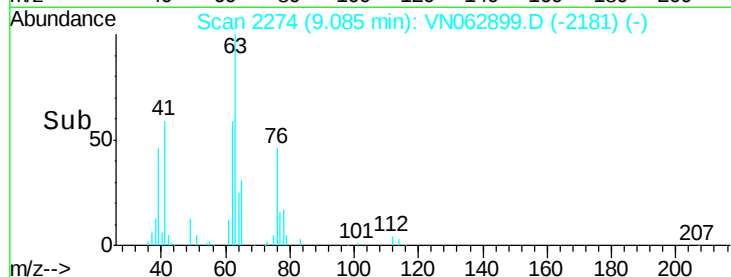
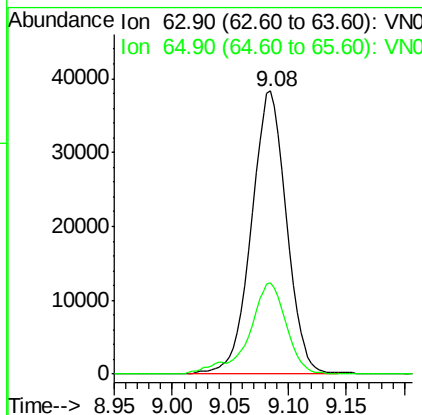
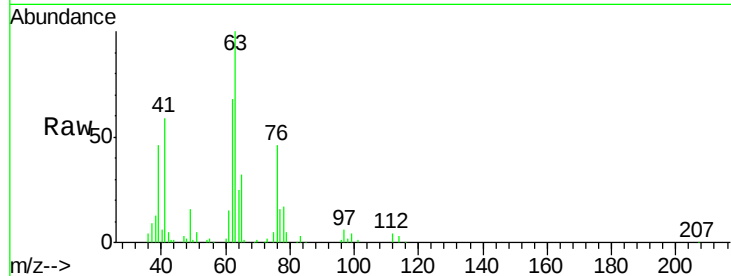
65 32.1 23.5 35.3

Manual Integrations

APPROVED

MMDadoda

8/13/2020 10:55:55 AM



#46

Dibromomethane

Concen: 44.975 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

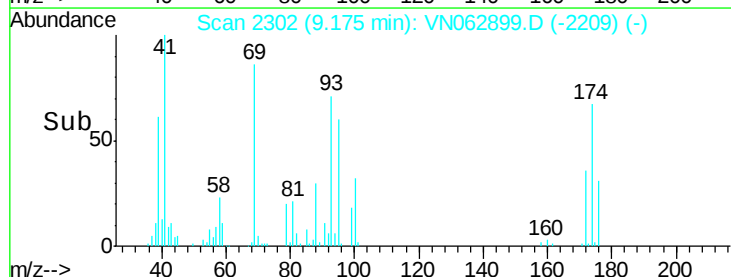
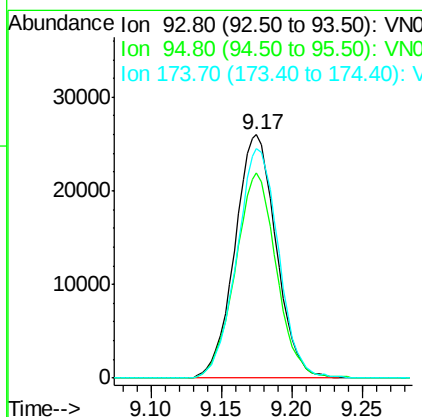
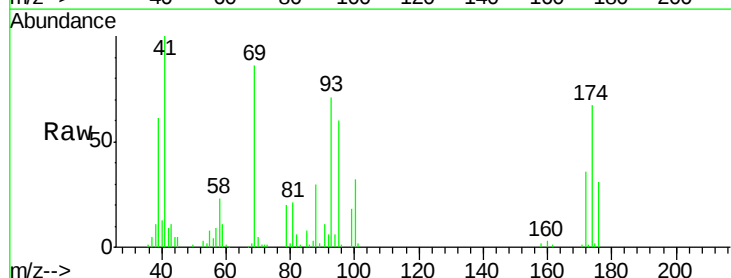
Tgt Ion: 93 Resp: 53236

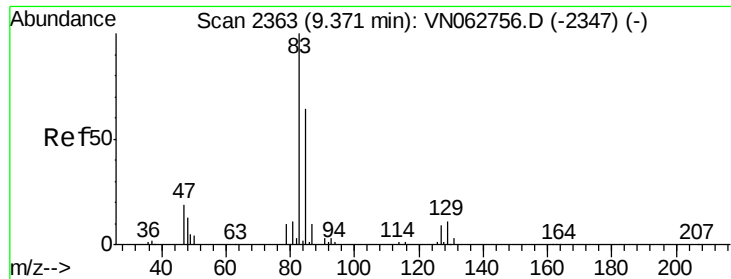
Ion Ratio Lower Upper

93 100

95 83.8 65.1 97.7

174 95.3 73.9 110.9





#47

Bromodichloromethane

Concen: 46.584 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

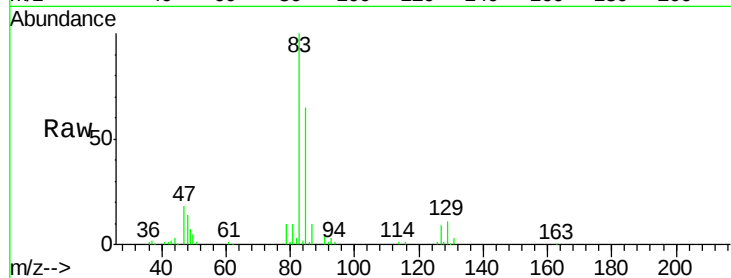
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	123843
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.4	77.0
127	8.7	6.9	10.3

Manual Integrations
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MMDadoda
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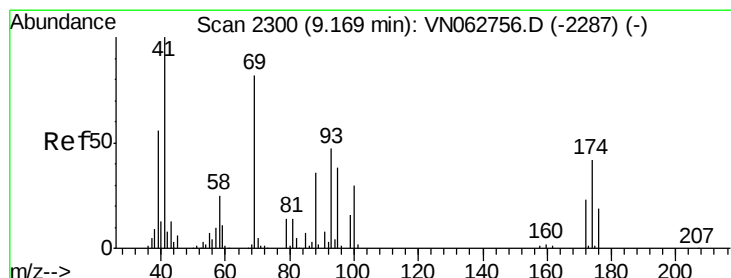
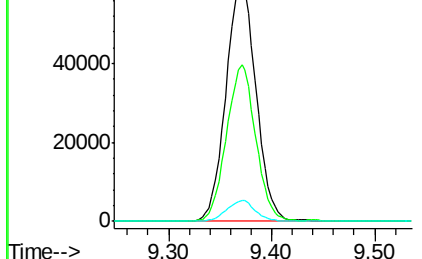
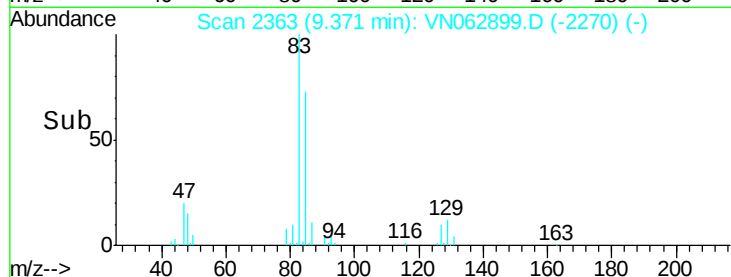


Abundance Ion 82.90 (82.60 to 83.60): VN062899.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062899.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062899.D (-2270) (-)

Time-->



#48

Methyl methacrylate

Concen: 40.194 ug/l

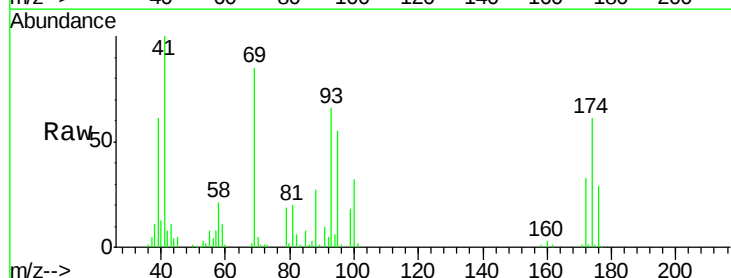
RT: 9.17 min Scan# 2301

Delta R.T. 0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Tgt Ion:	41	Resp:	77053
Ion Ratio	Lower	Upper	
41	100		
69	86.1	67.4	101.2
39	60.5	47.6	71.4

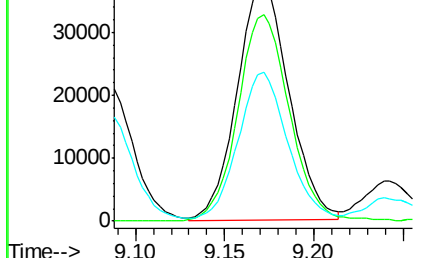
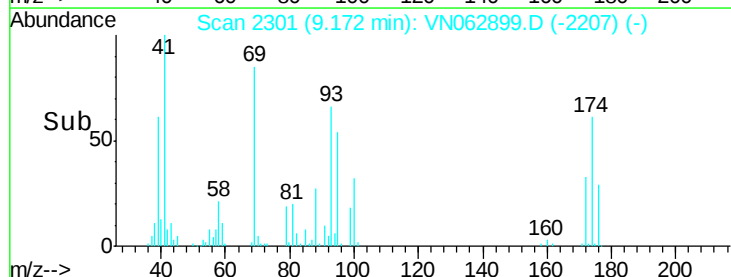


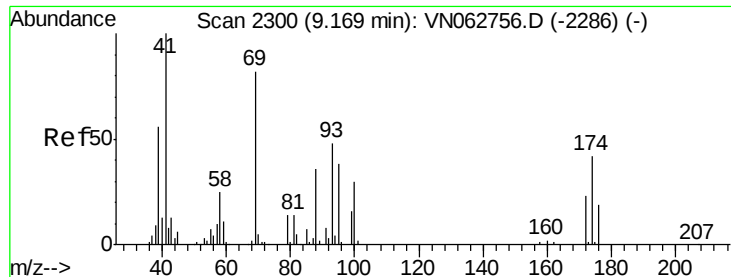
Abundance Ion 41.00 (40.70 to 41.70): VN062899.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062899.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062899.D (-2207) (-)

Time-->





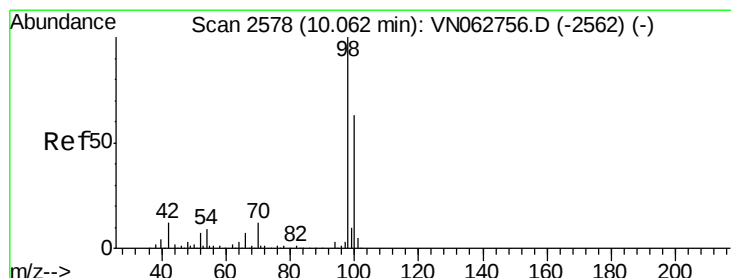
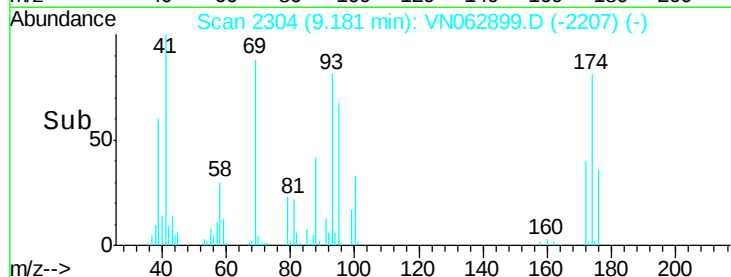
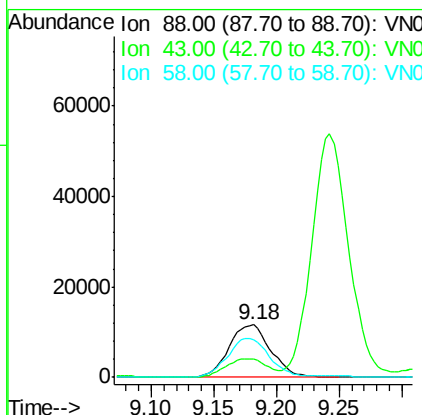
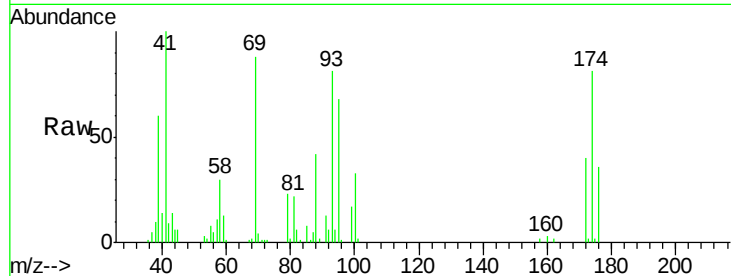
#49
1,4-Dioxane
Concen: 759.295 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.01 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	26971		
43	36.3	29.5	44.3	
58	73.9	59.8	89.8	

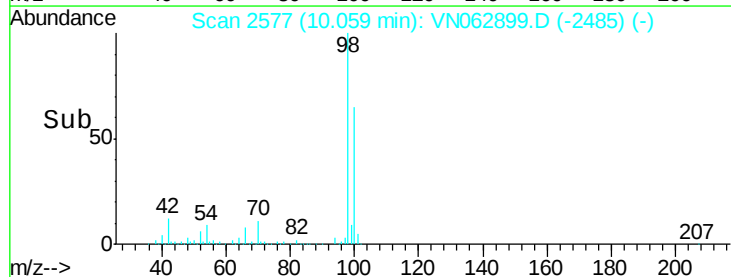
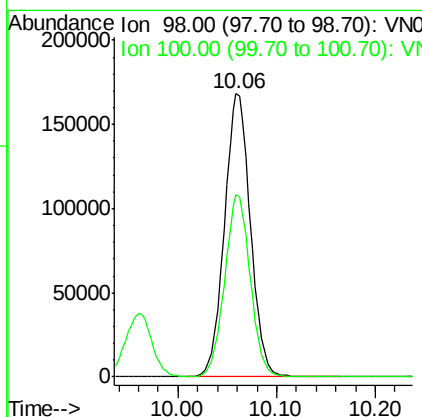
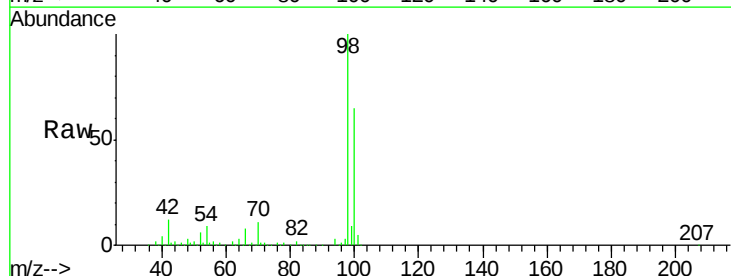
Manual Integrations
APPROVED

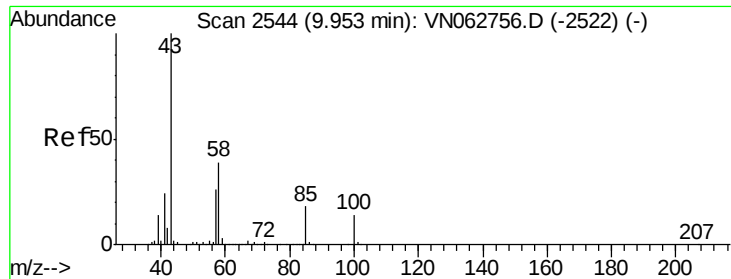
MMDadoda
8/13/2020 10:55:55 AM



#50
Toluene-d8
Concen: 50.444 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	309482		
100	63.4	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 184.629 ug/l

RT: 9.96 min Scan# 2546

Delta R.T. 0.01 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 465579

Ion Ratio Lower Upper

43 100

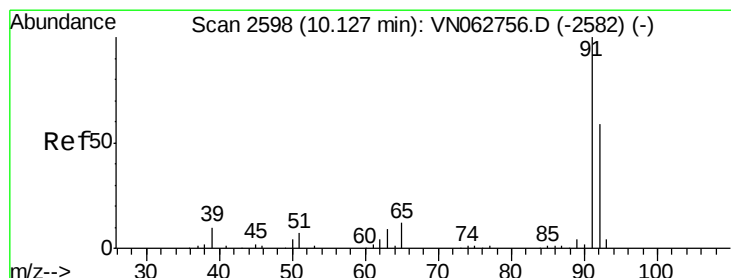
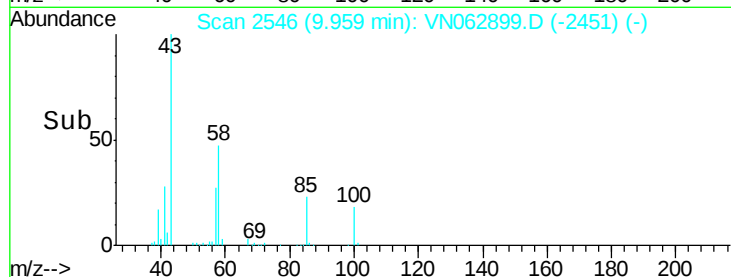
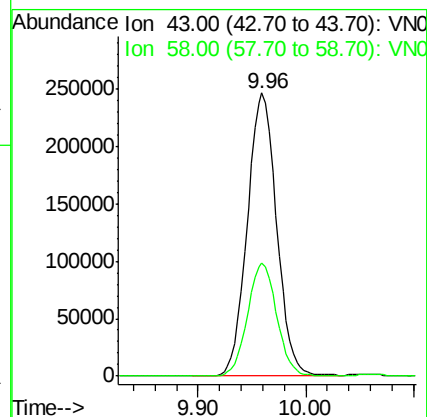
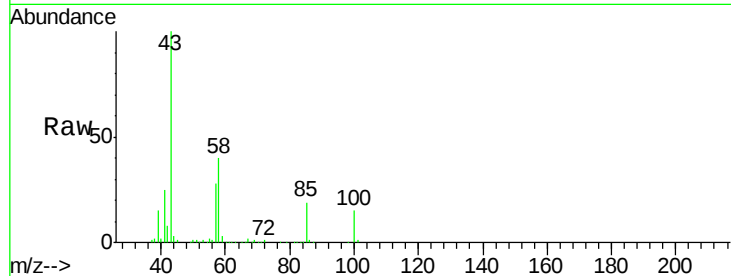
58 39.7 31.1 46.7

Manual Integrations

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MMDadoda

8/13/2020 10:55:55 AM



#52

Toluene

Concen: 46.033 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062899.D

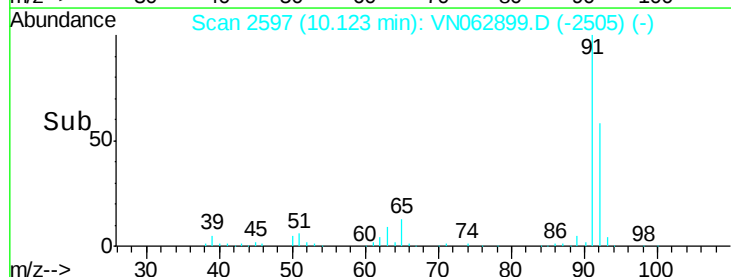
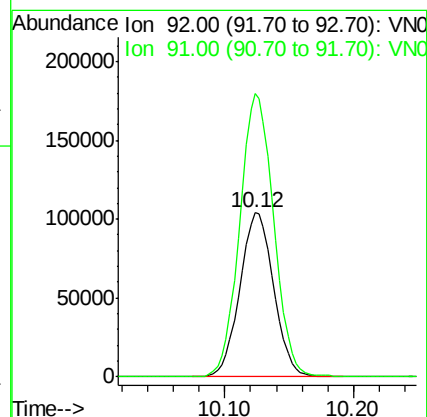
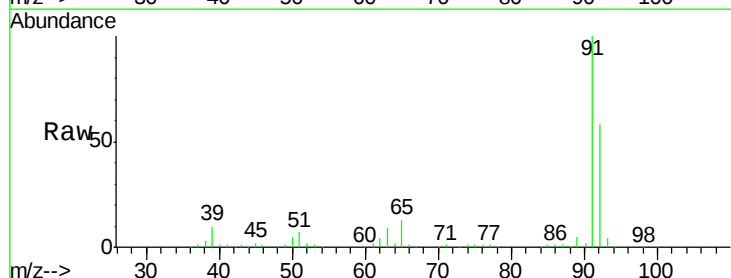
Acq: 13 Aug 2020 9:12

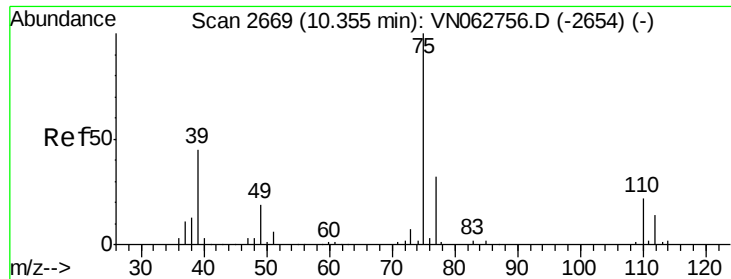
Tgt Ion: 92 Resp: 189712

Ion Ratio Lower Upper

92 100

91 172.9 138.9 208.3





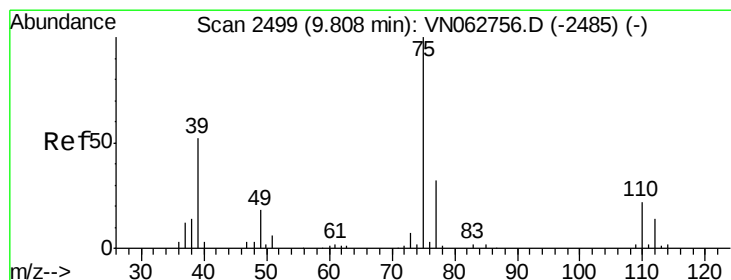
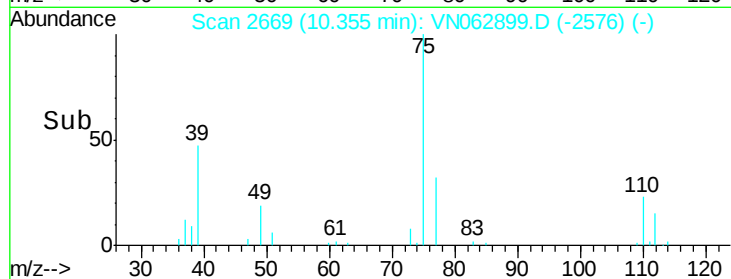
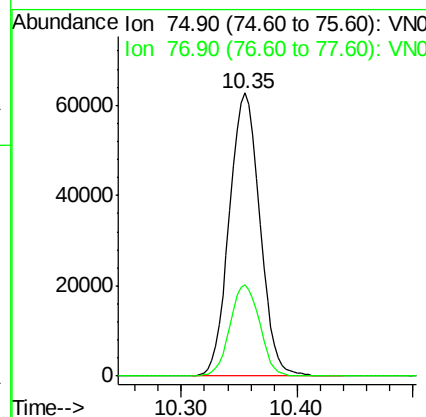
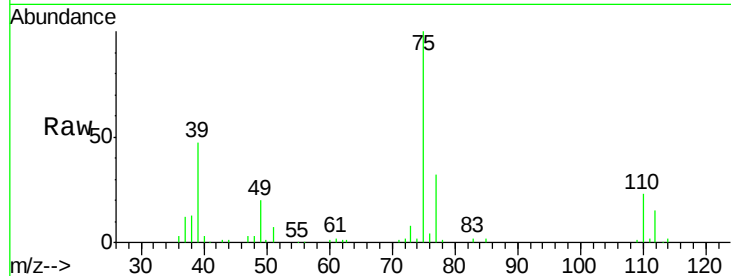
#53
t-1,3-Dichloropropene
Concen: 39.079 ug/l
RT: 10.35 min Scan# 2669
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 114278
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

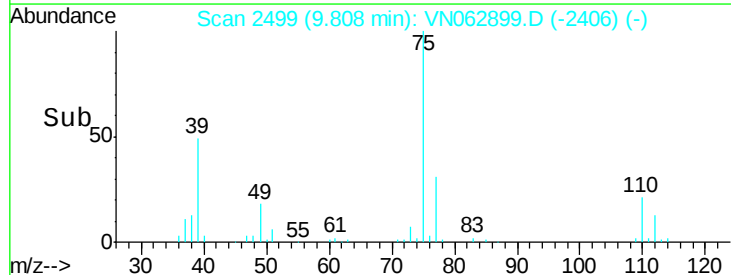
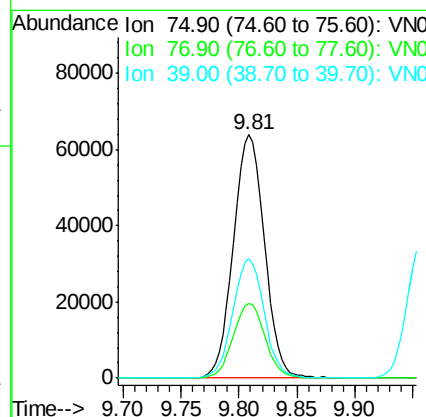
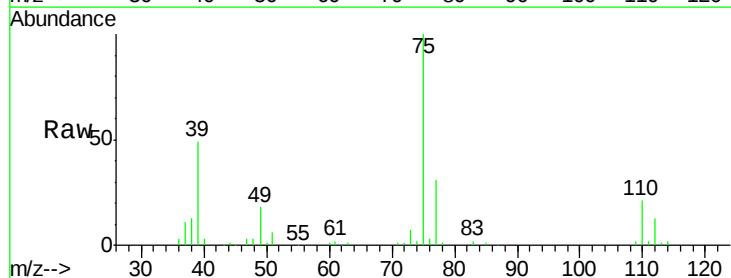
Manual Integrations
APPROVED

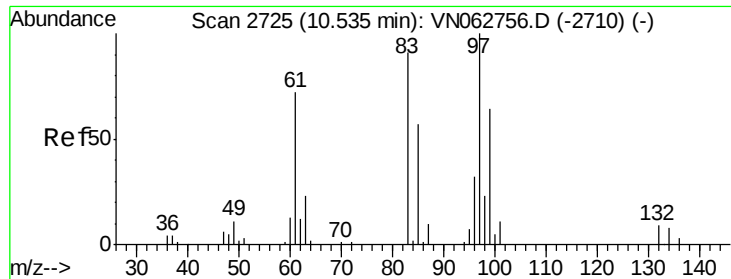
MMDadoda
8/13/2020 10:55:55 AM



#54
cis-1,3-Dichloropropene
Concen: 40.425 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion: 75 Resp: 118689
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 48.8 41.9 62.9





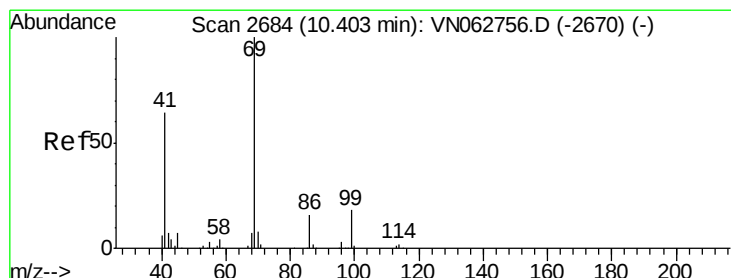
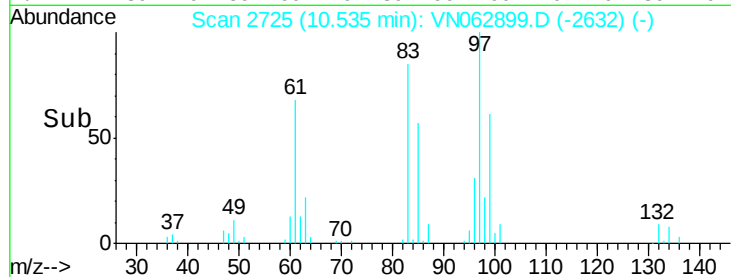
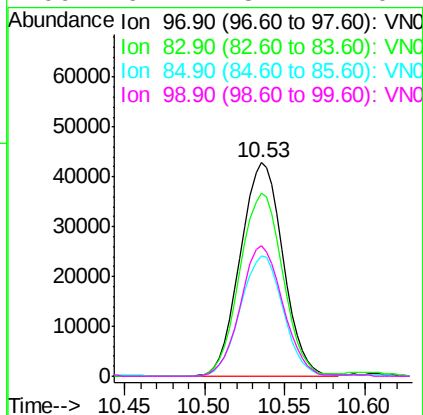
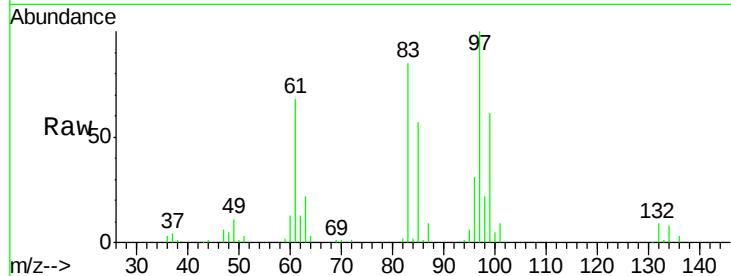
#55
 1,1,2-Trichloroethane
 Concen: 44.541 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	78399
Ion	Ratio	Lower	Upper
97	100		
83	85.4	72.6	108.8
85	56.6	46.0	69.0
99	61.2	51.1	76.7

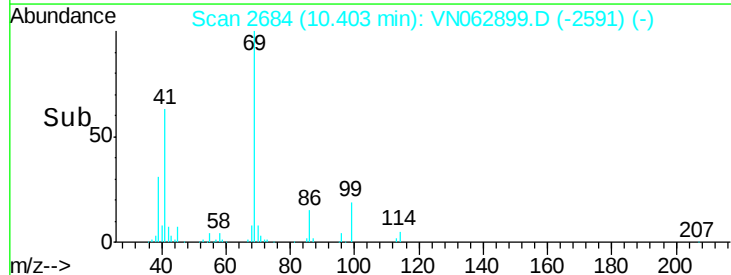
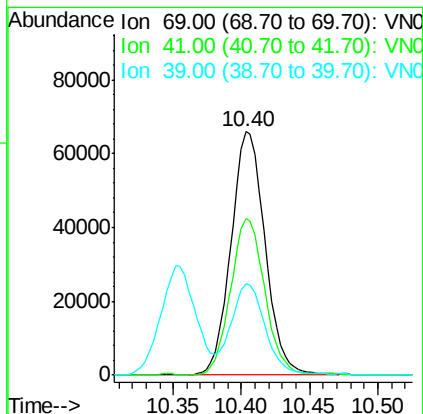
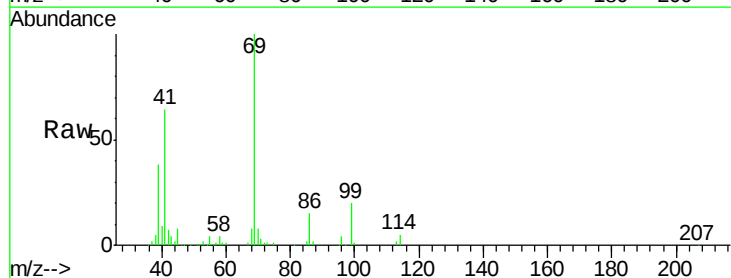
Manual Integrations
 APPROVED

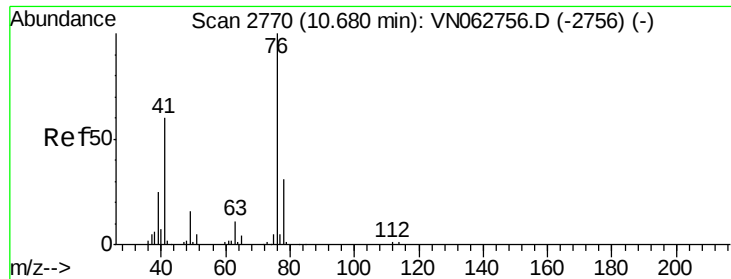
MMDadoda
 8/13/2020 10:55:55 AM



#56
 Ethyl methacrylate
 Concen: 43.309 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Tgt Ion:	69	Resp:	114743
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	37.0	30.9	46.3





#57

1,3-Dichloropropane

Concen: 44.169 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 132098

Ion Ratio Lower Upper

76 100

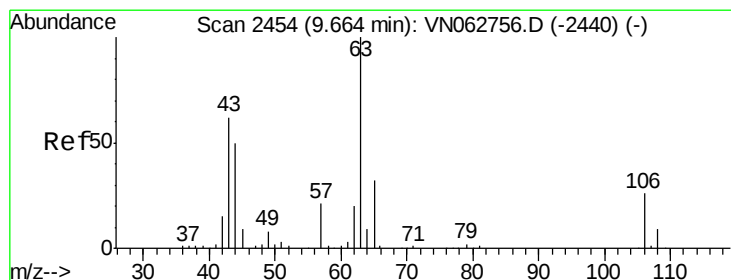
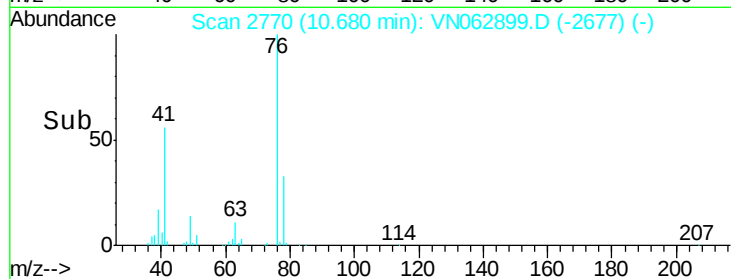
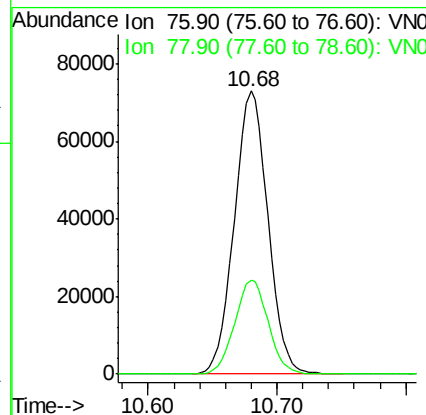
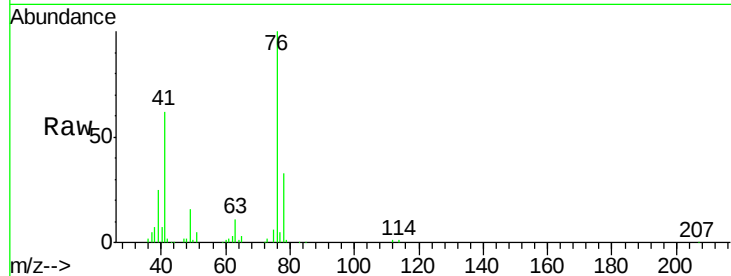
78 33.2 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 214.541 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062899.D

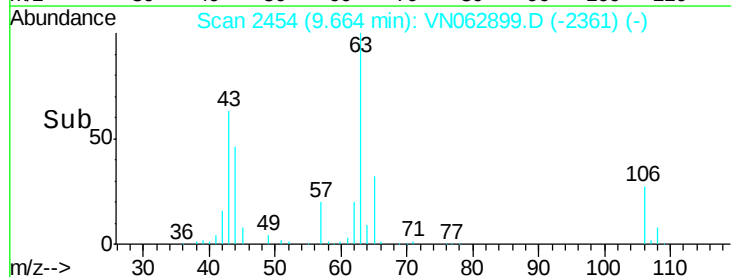
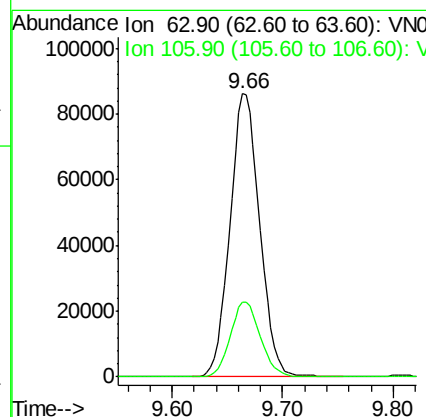
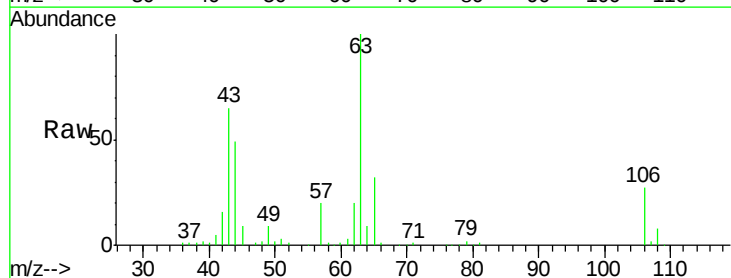
Acq: 13 Aug 2020 9:12

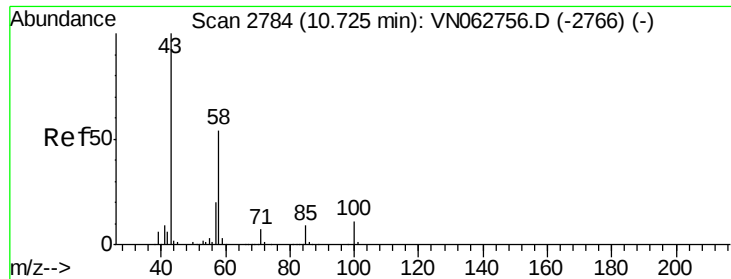
Tgt Ion: 63 Resp: 160666

Ion Ratio Lower Upper

63 100

106 26.7 20.9 31.3





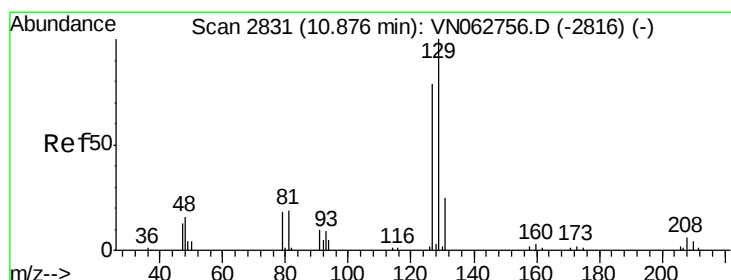
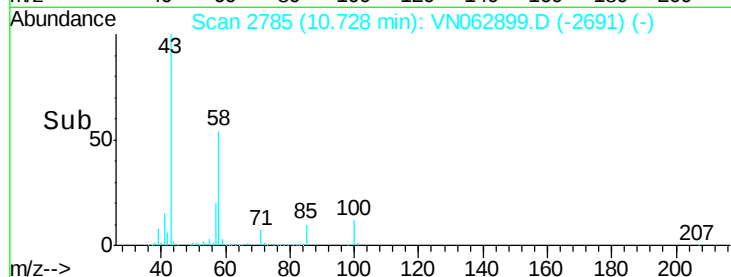
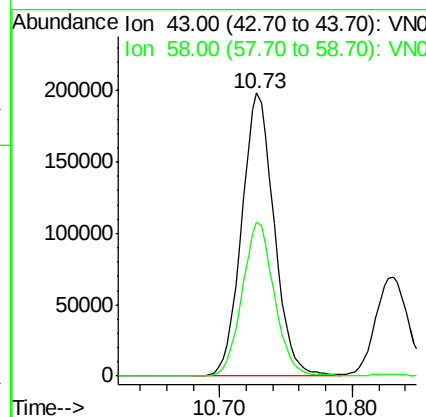
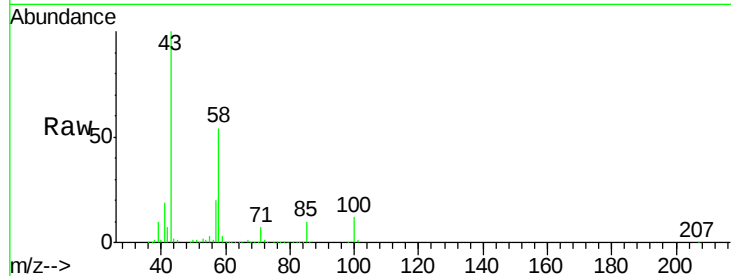
#59
2-Hexanone
Concen: 178.122 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 335054
Ion Ratio Lower Upper
43 100
58 54.1 26.7 80.1

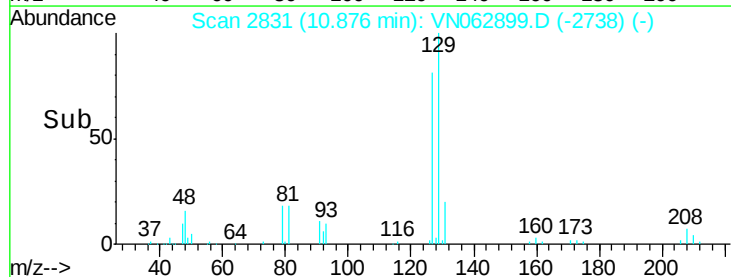
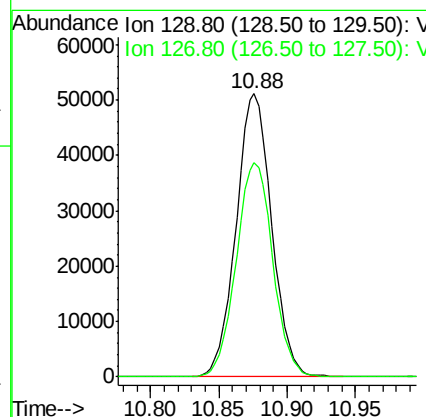
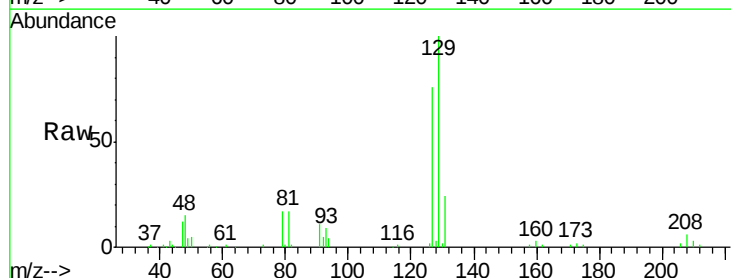
Manual Integrations
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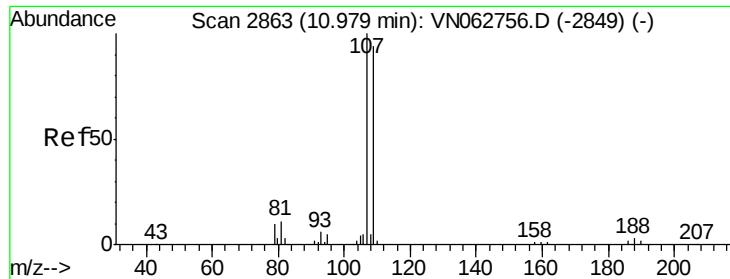
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#60
Dibromochloromethane
Concen: 46.056 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion: 129 Resp: 92510
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





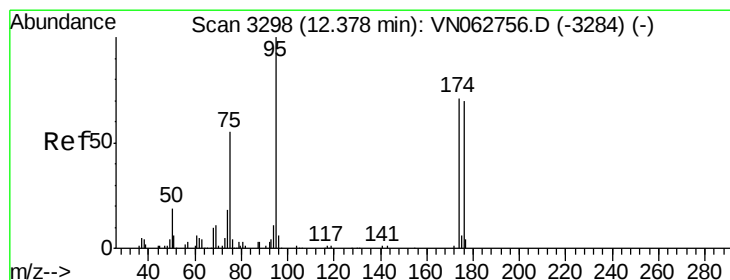
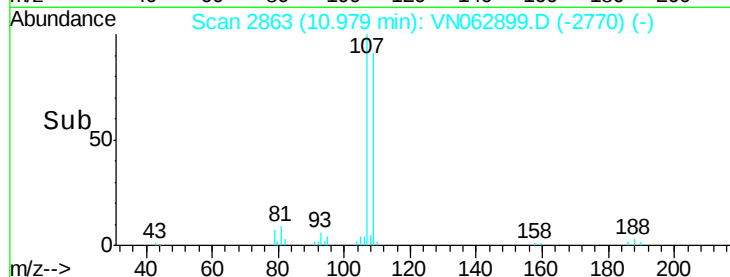
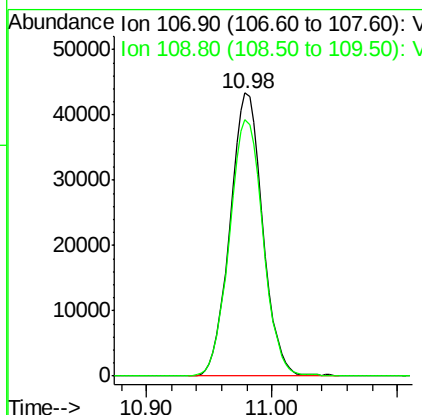
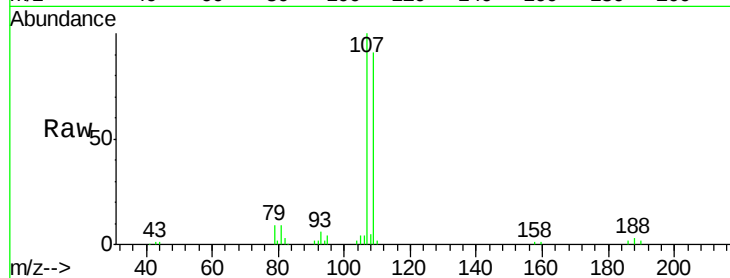
#61
 1,2-Dibromoethane
 Concen: 44.986 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	76.1	114.1

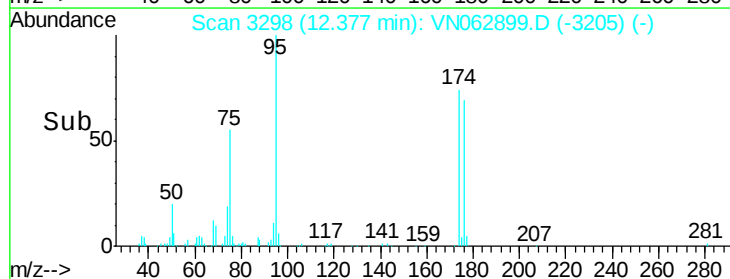
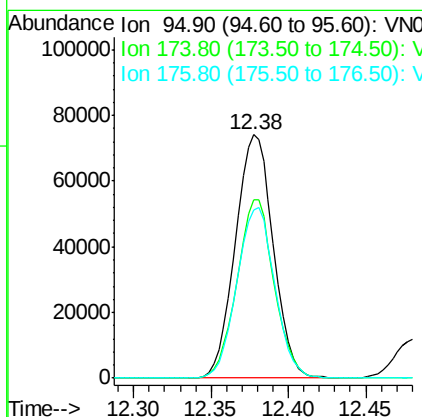
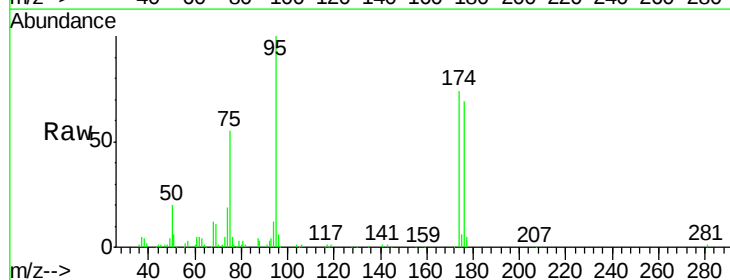
Manual Integrations
 APPROVED

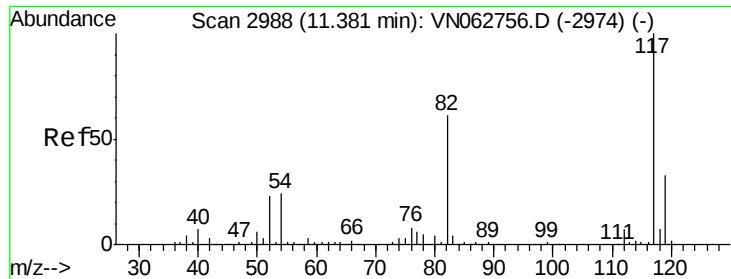
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#62
 4-Bromofluorobenzene
 Concen: 54.371 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	144.8
176	70.2	0.0	142.2





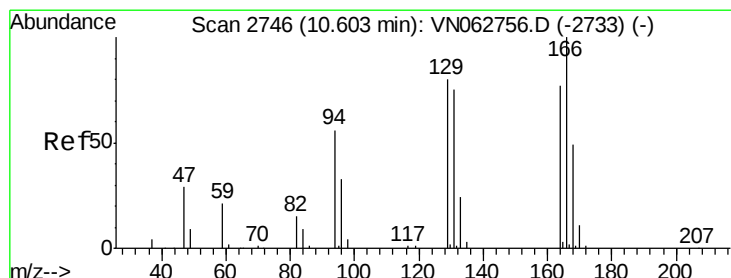
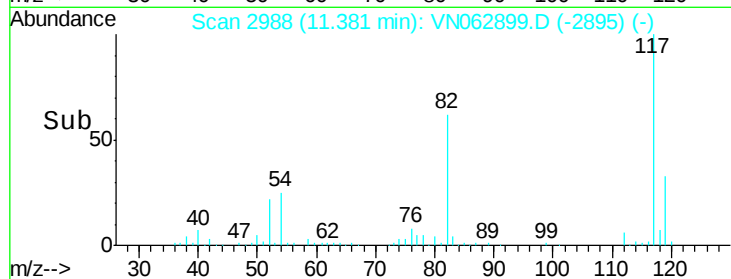
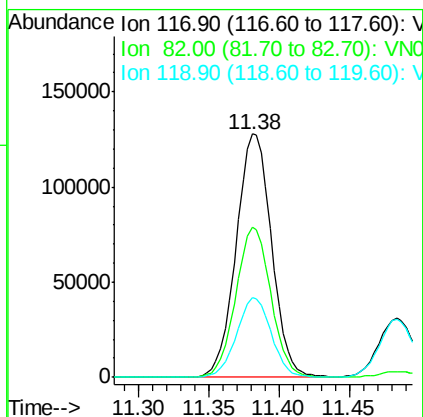
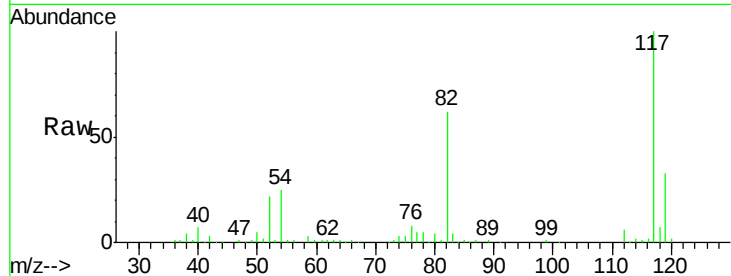
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	49.0	73.4
119	32.5	26.2	39.2

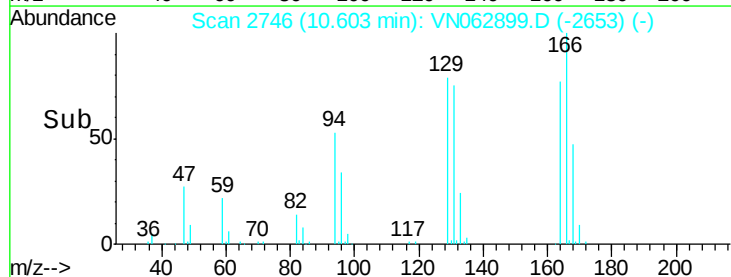
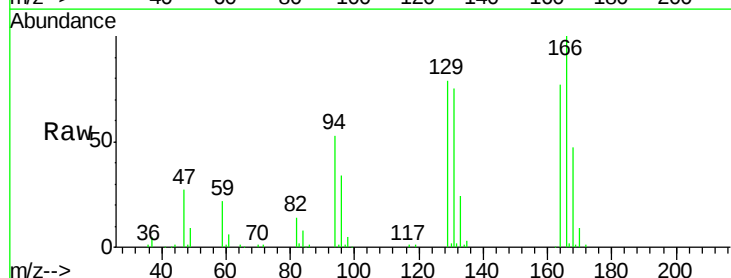
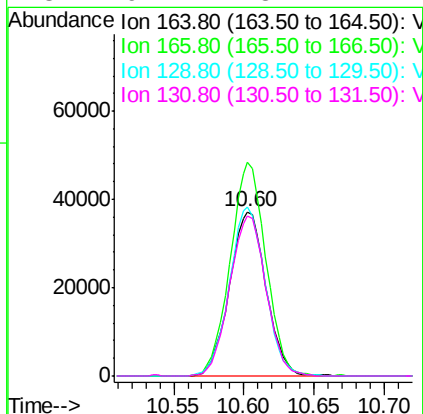
Manual Integrations
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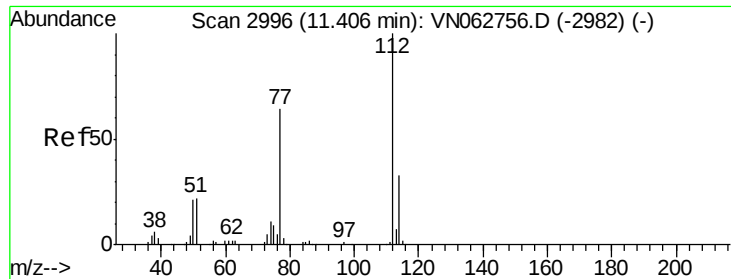
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#64
Tetrachloroethene
Concen: 46.320 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	103.8	155.8
129	102.8	82.7	124.1
131	97.7	78.2	117.2





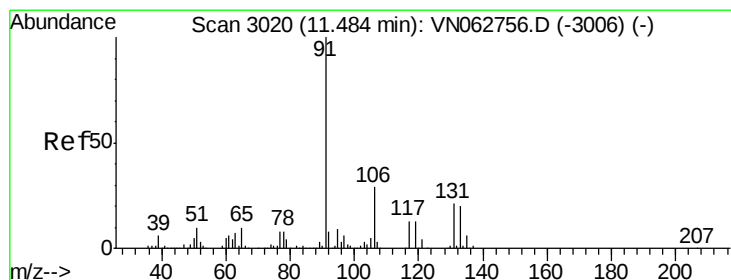
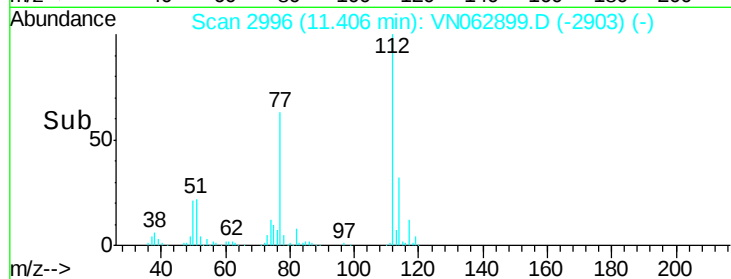
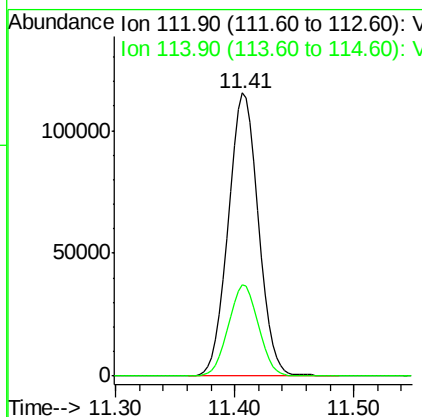
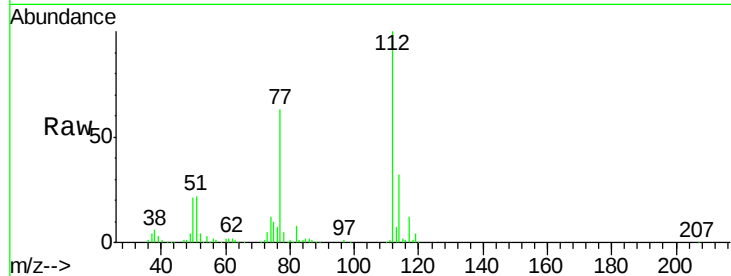
#65
Chlorobenzene
Concen: 43.019 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	202649		
114	32.1	26.2	39.4	

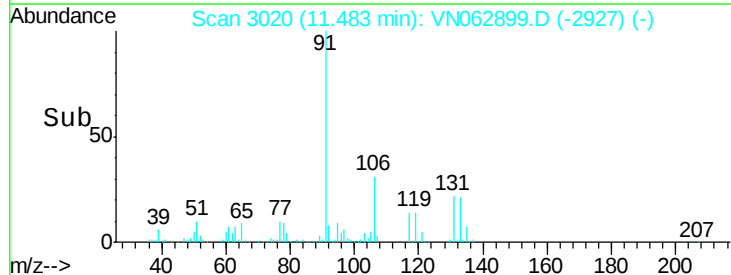
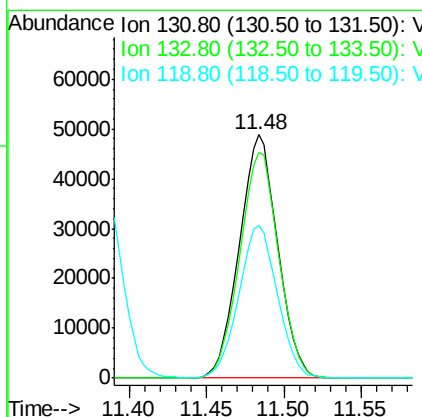
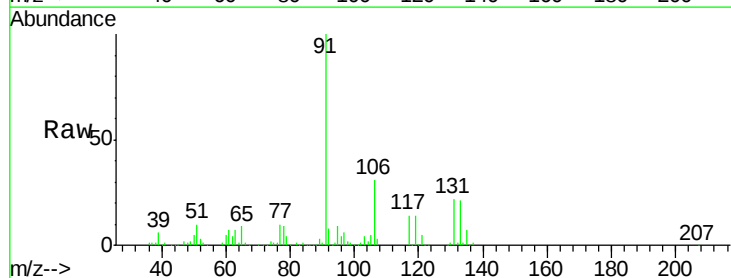
Manual Integrations
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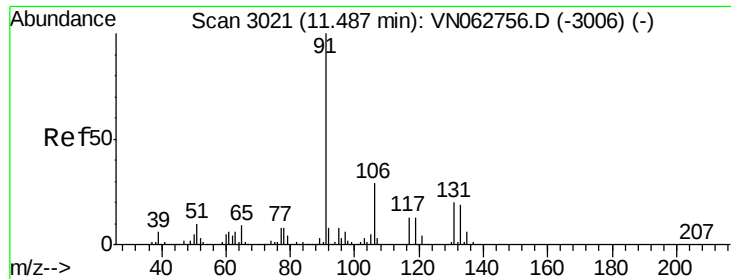
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.497 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	84175		
133	94.6	48.6	145.8	
119	63.1	32.2	96.6	





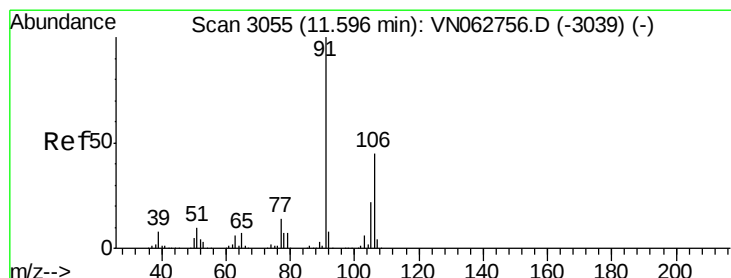
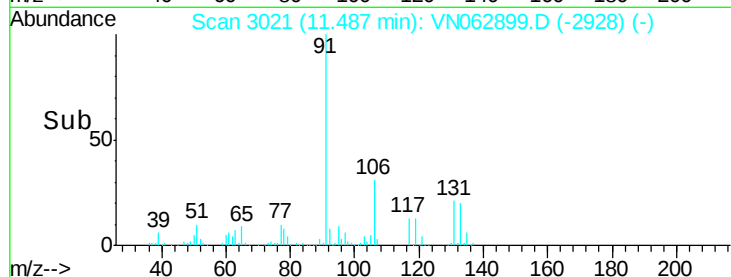
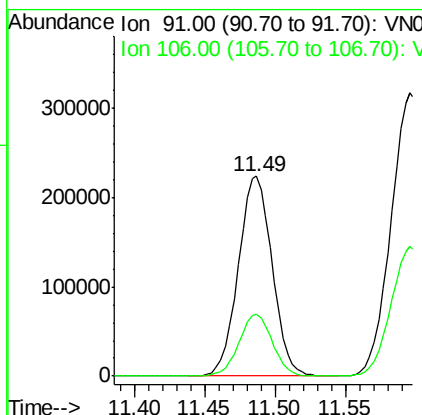
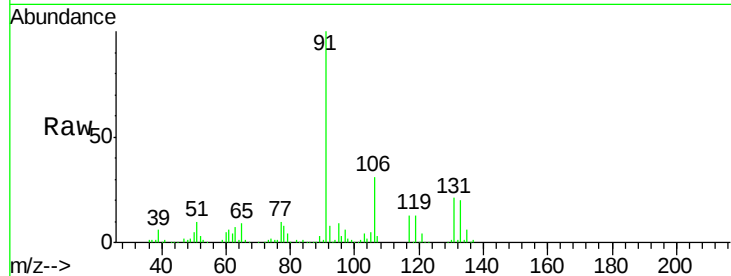
#67
Ethyl Benzene
Concen: 44.715 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.9	23.2	34.8

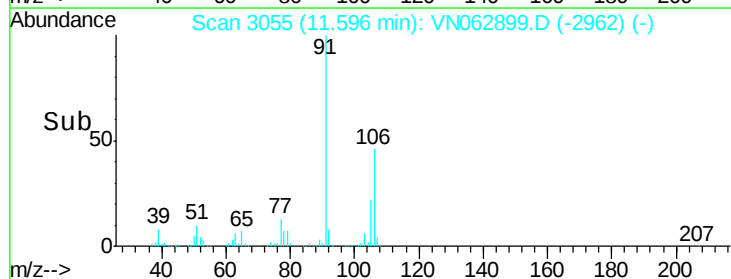
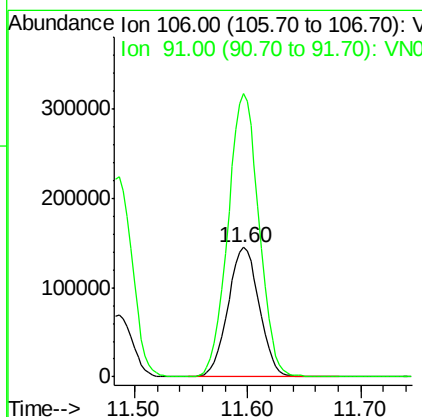
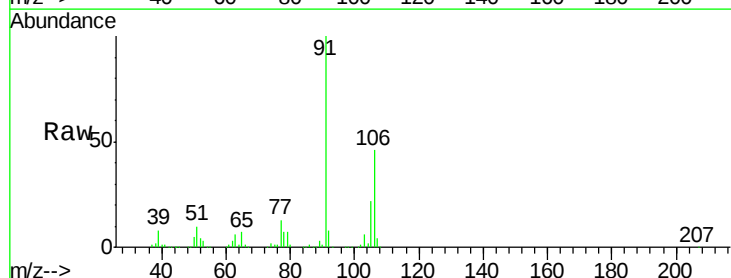
Manual Integrations
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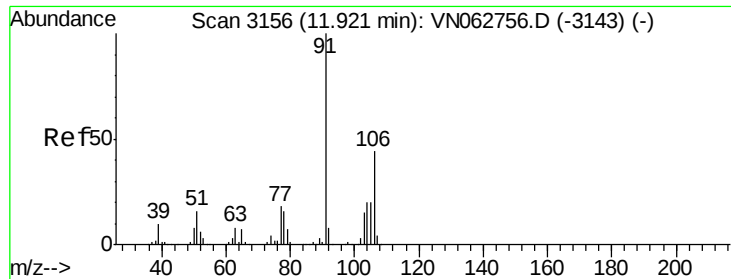
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#68
m/p-Xylenes
Concen: 91.287 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.9	175.9	263.9





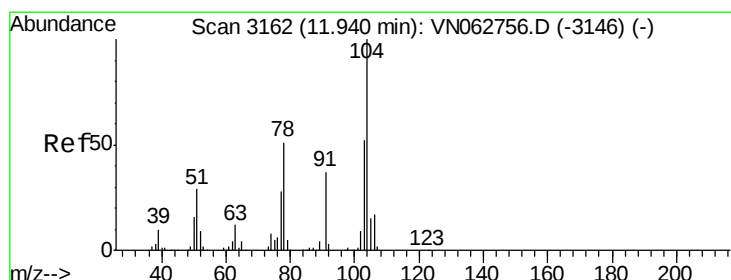
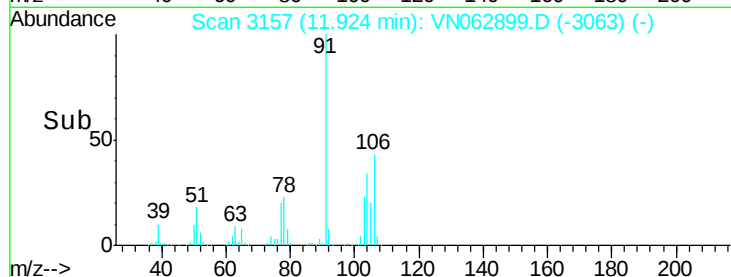
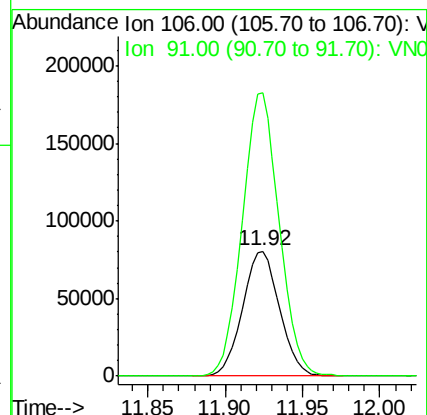
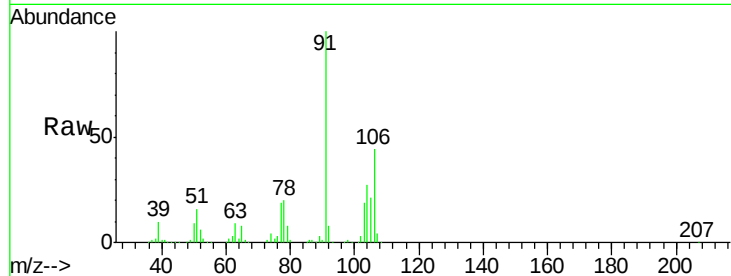
#69
o-Xylene
Concen: 46.525 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	133416		
91	91	227.2	115.8	347.4	

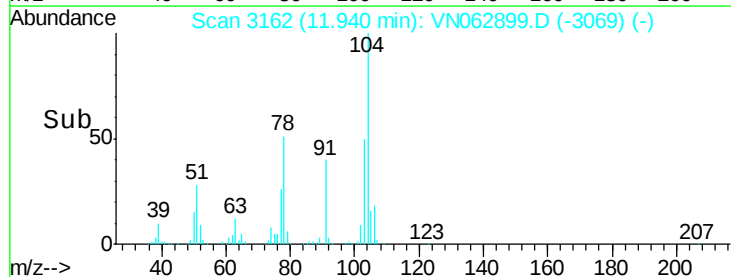
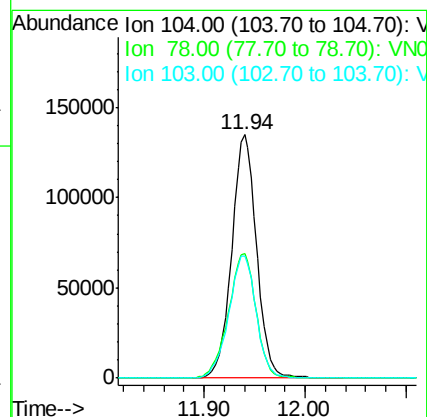
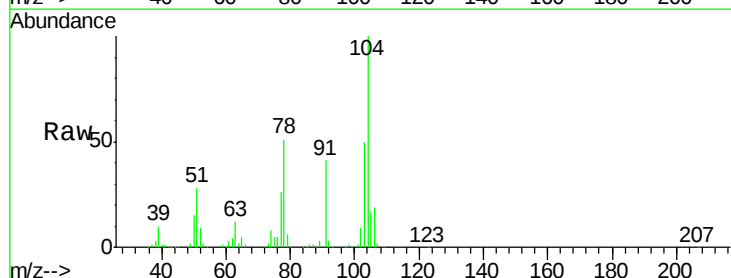
Manual Integrations
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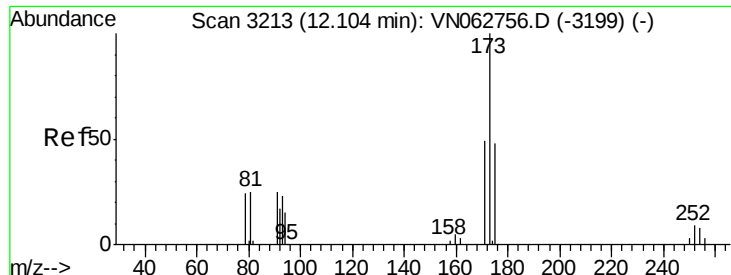
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#70
Styrene
Concen: 45.988 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	231807		
78	78	57.1	45.9	68.9	
103	103	55.6	45.1	67.7	





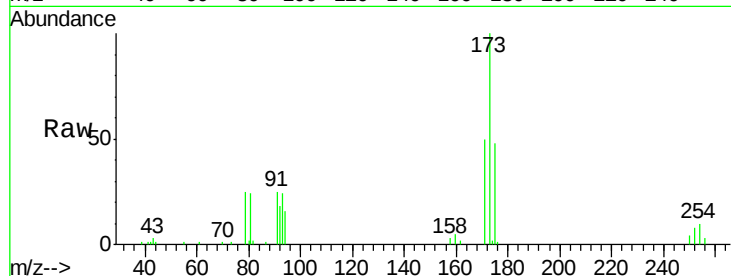
#71
Bromoform
Concen: 40.924 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

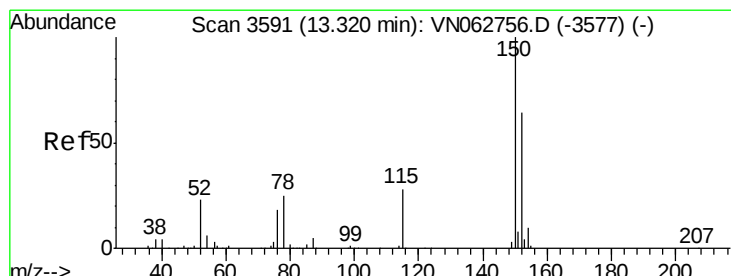
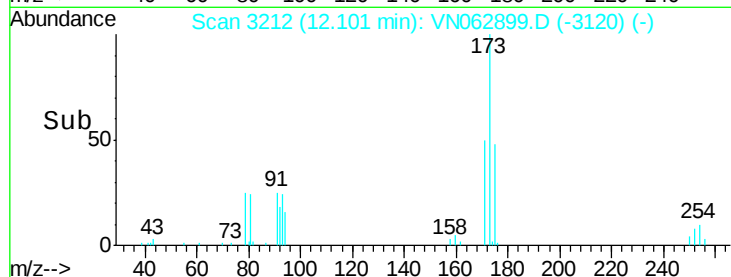
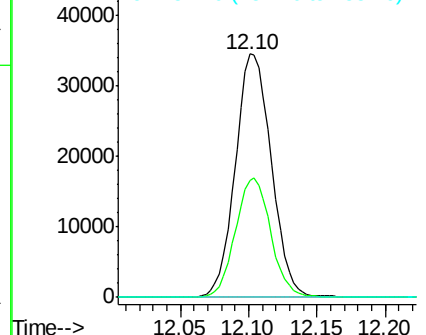
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.0	72.0
254	0.0	0.0	0.0

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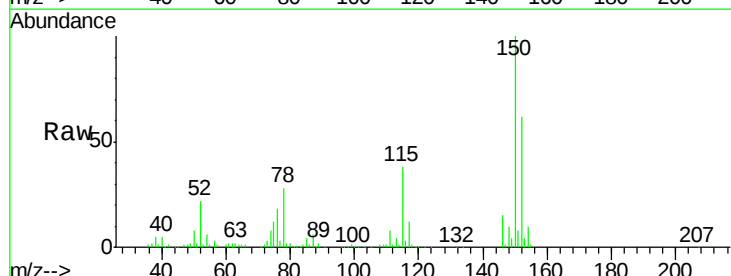


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

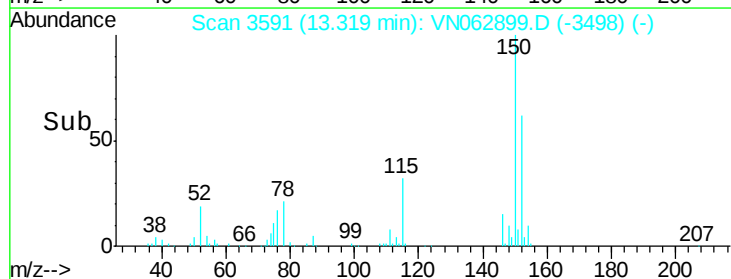
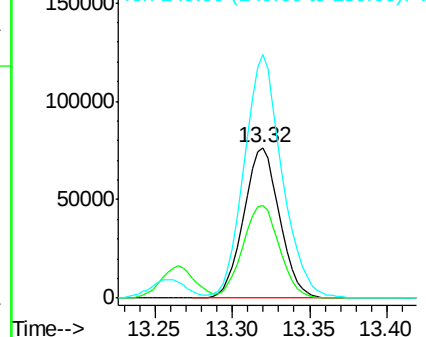


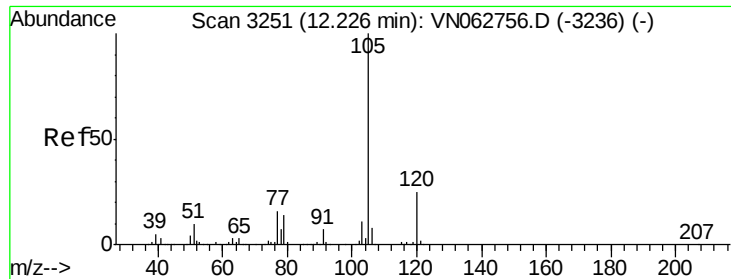
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.6	94.8
150	171.1	0.0	349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





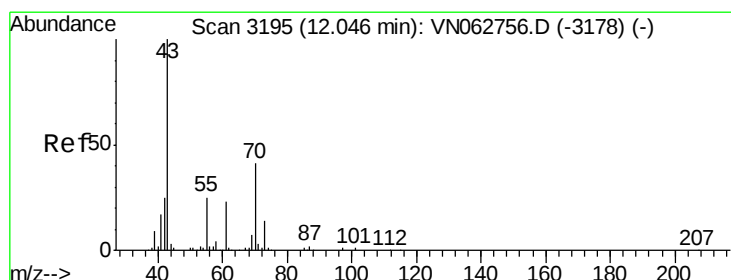
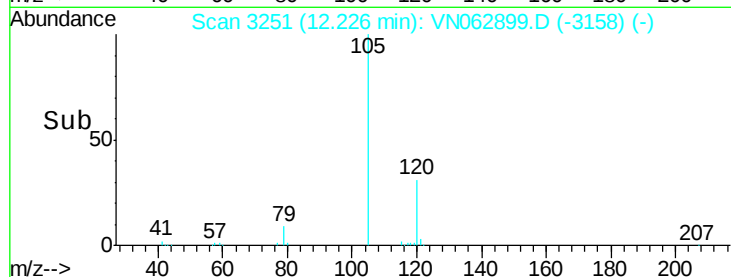
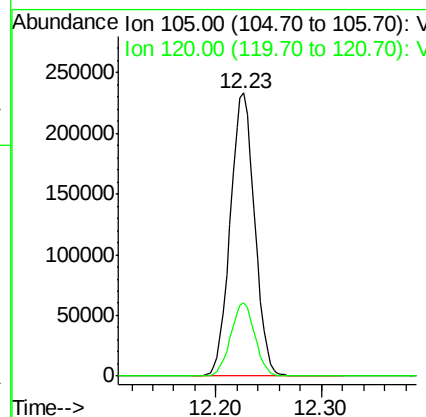
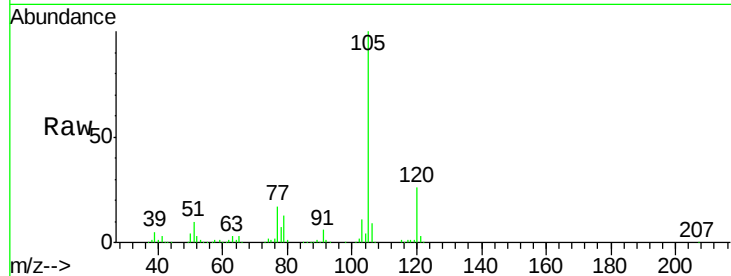
#73
Isopropylbenzene
Concen: 40.030 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 371906
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8

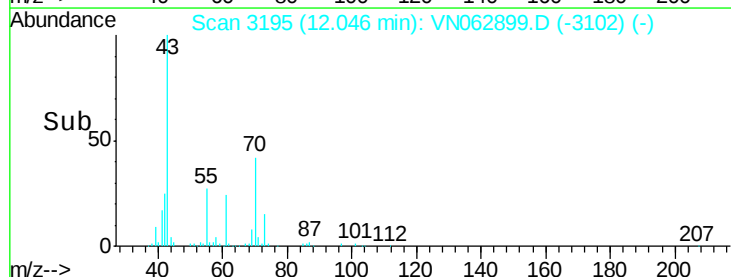
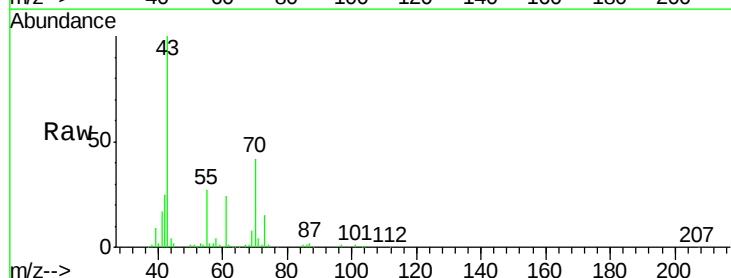
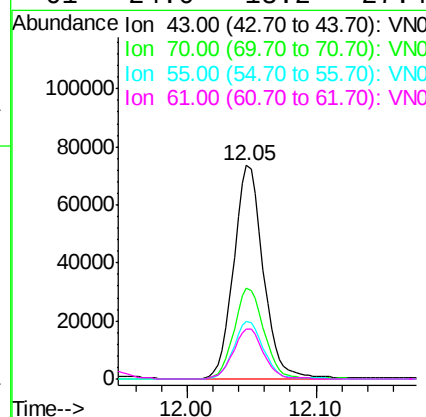
Manual Integrations
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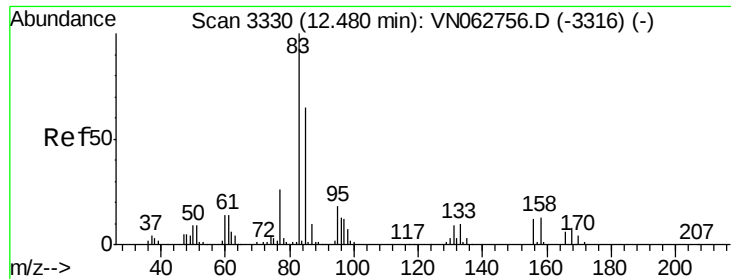
MMDadoda
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#74
N-ethyl acetate
Concen: 31.328 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion: 43 Resp: 117951
Ion Ratio Lower Upper
43 100
70 42.9 32.3 48.5
55 27.0 20.2 30.2
61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 33.550 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 109728

Ion Ratio Lower Upper

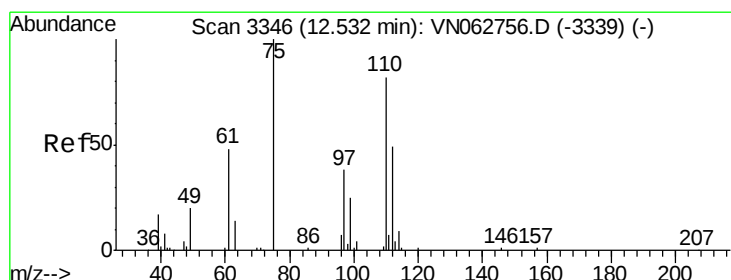
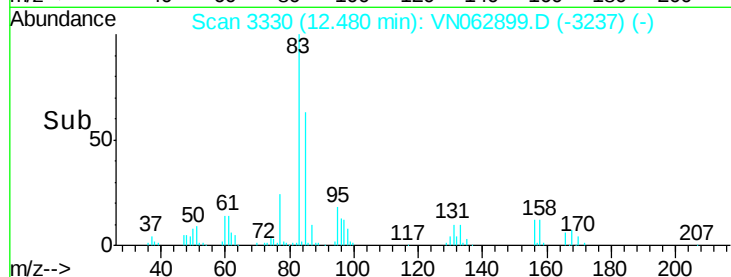
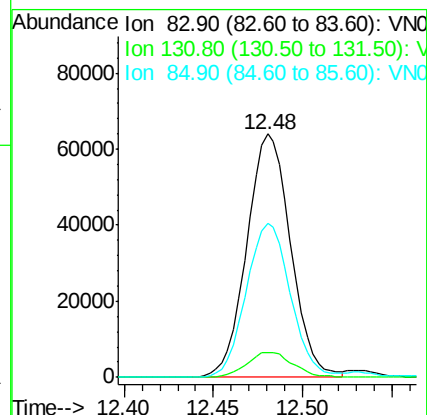
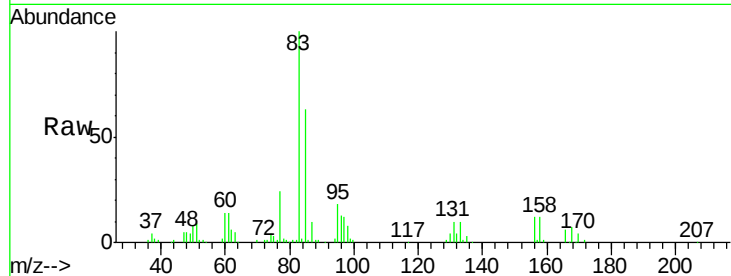
83 100

131 10.8 5.1 15.4

85 63.8 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 31.093 ug/l m

RT: 12.53 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN062899.D

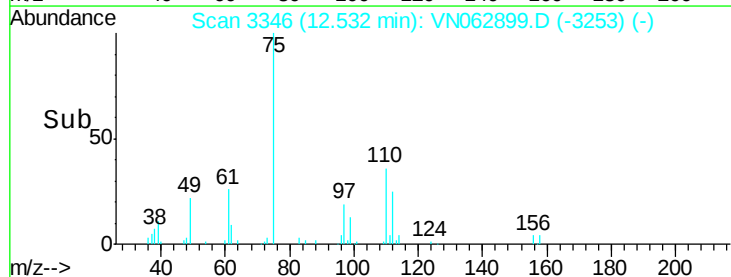
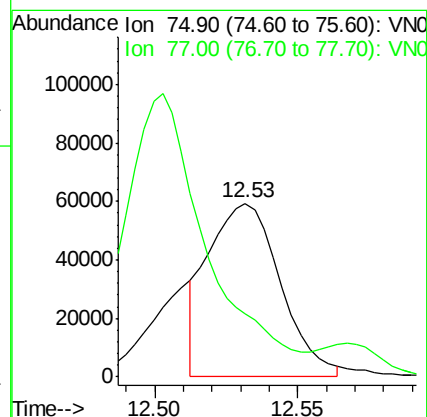
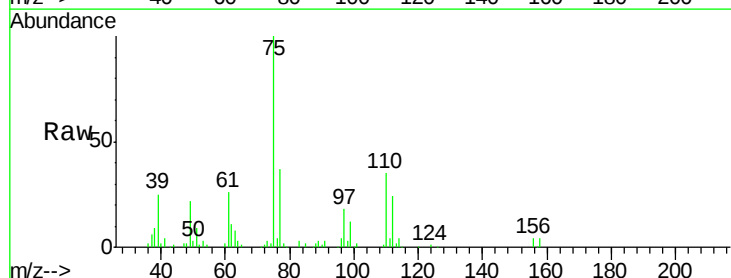
Acq: 13 Aug 2020 9:12

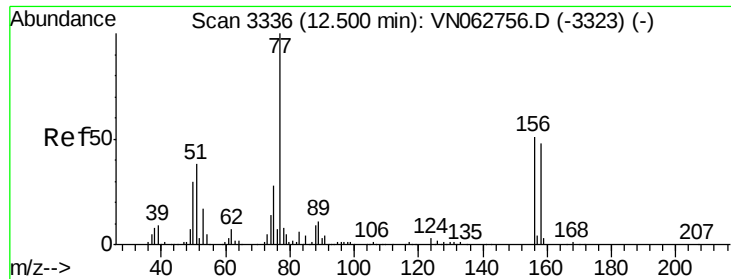
Tgt Ion: 75 Resp: 103461

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





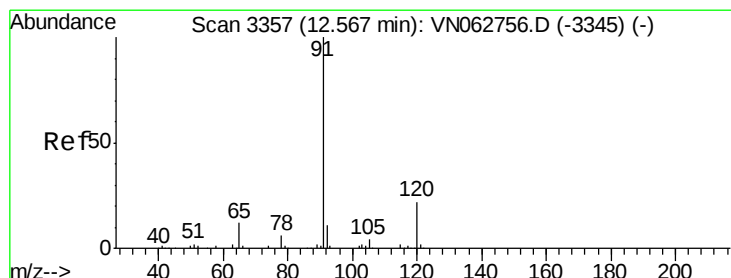
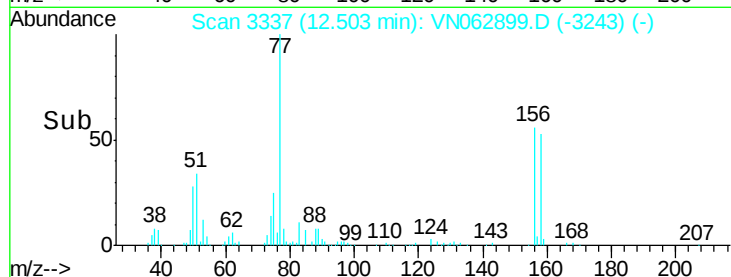
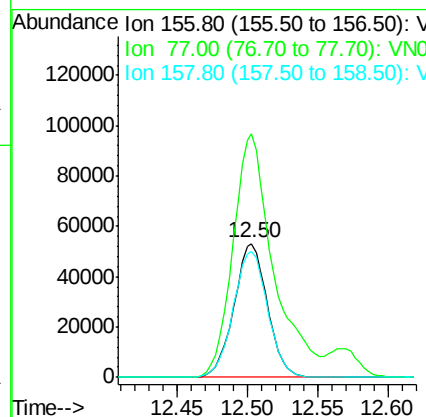
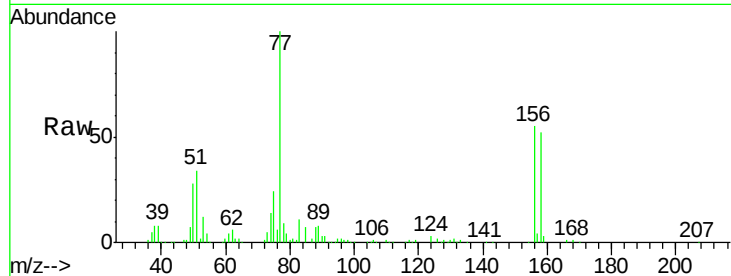
#77
Bromobenzene
Concen: 38.049 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	222.2	119.7	359.1
158	97.0	48.1	144.3

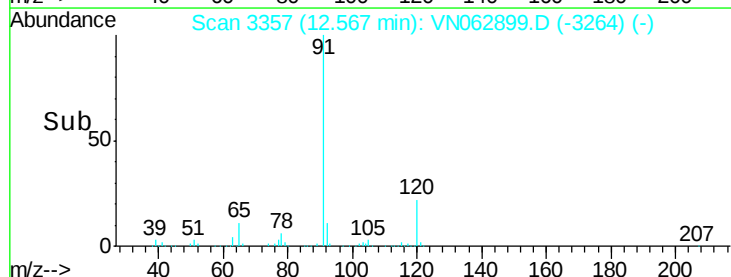
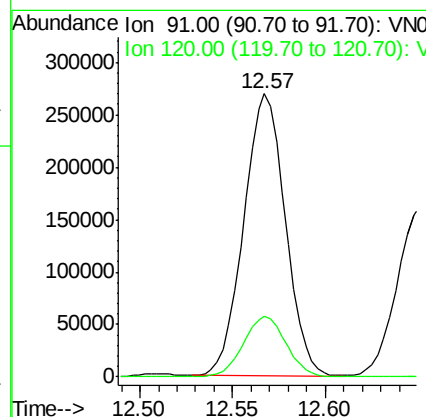
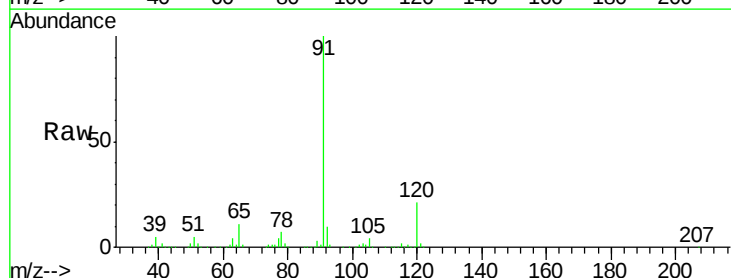
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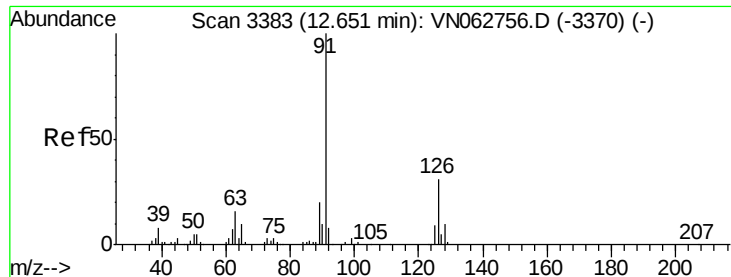
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#78
n-propylbenzene
Concen: 38.440 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.9





#79

2-Chlorotoluene

Concen: 38.075 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 260393

Ion Ratio Lower Upper

91 100

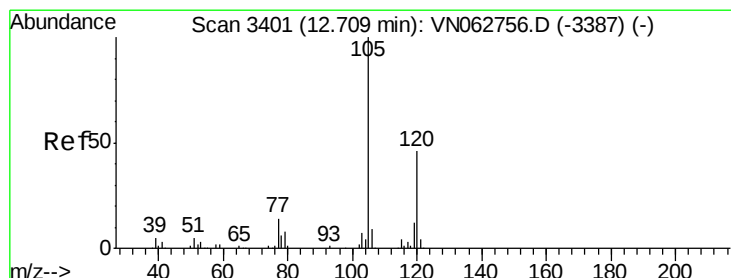
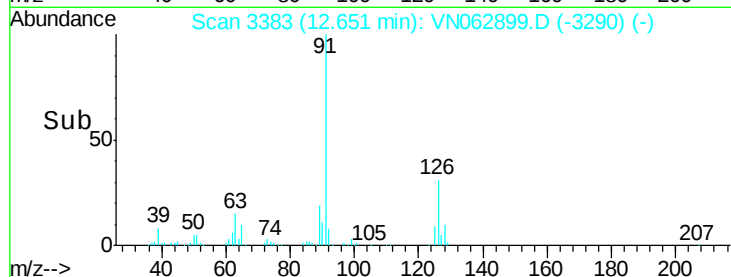
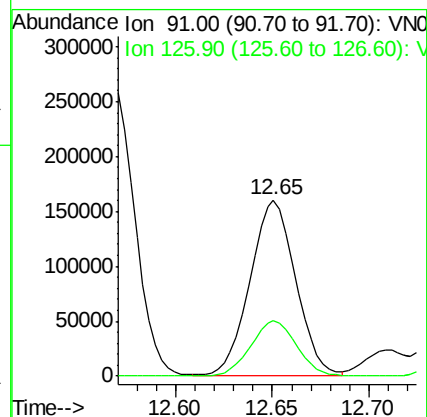
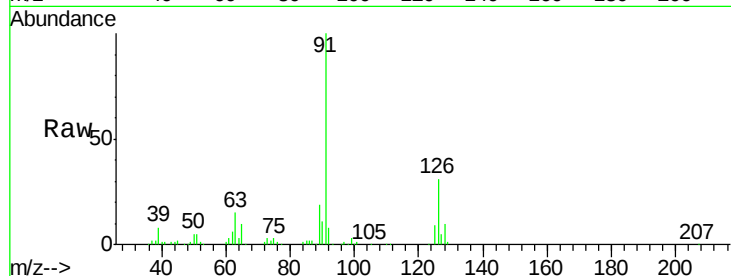
126 32.0 15.6 46.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 40.346 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062899.D

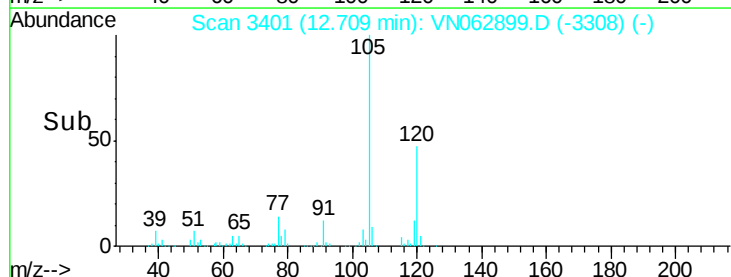
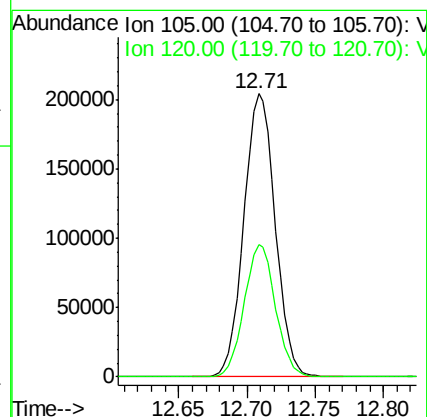
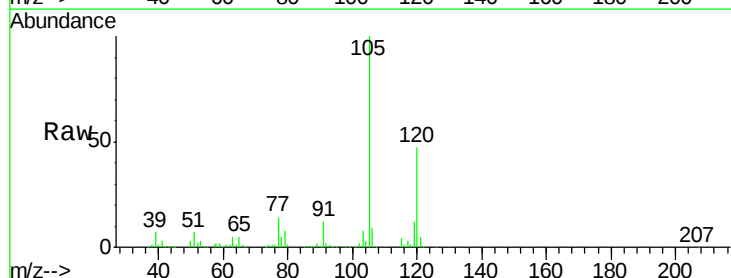
Acq: 13 Aug 2020 9:12

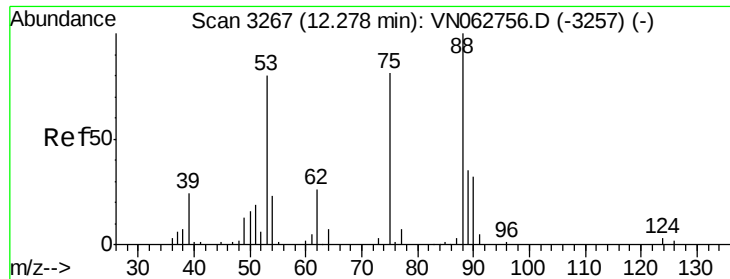
Tgt Ion: 105 Resp: 325193

Ion Ratio Lower Upper

105 100

120 46.6 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 26.438 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 28818

Ion Ratio Lower Upper

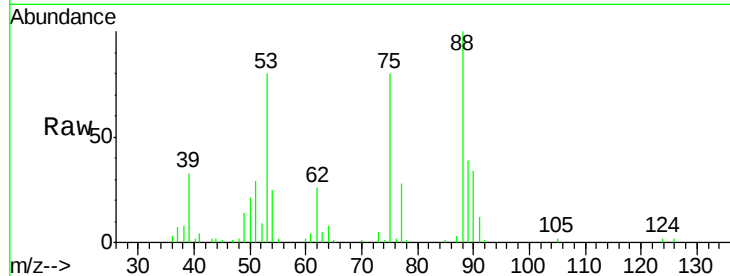
75 100

53 100.4 79.1 118.7

89 48.8 36.2 54.2

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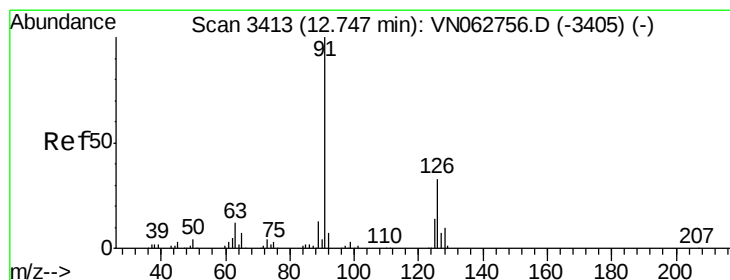
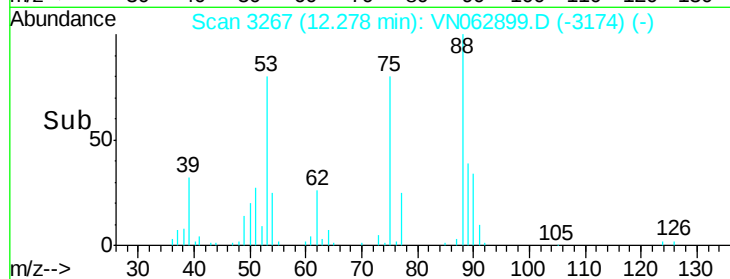
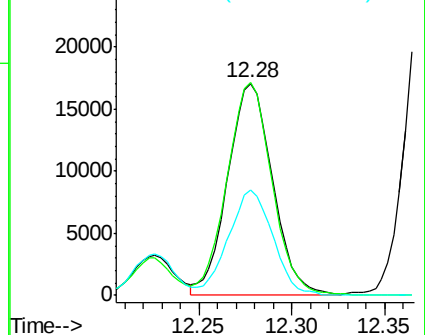
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Abundance Ion 74.90 (74.60 to 75.60): VN062899.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN062899.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN062899.D (-3174) (-)



#82

4-Chlorotoluene

Concen: 38.139 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062899.D

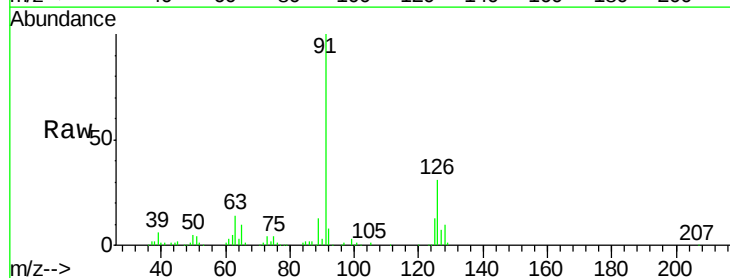
Acq: 13 Aug 2020 9:12

Tgt Ion: 91 Resp: 268789

Ion Ratio Lower Upper

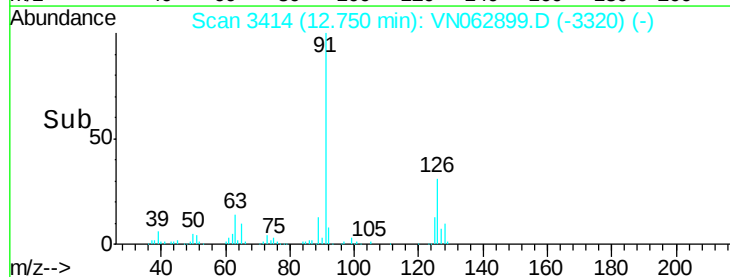
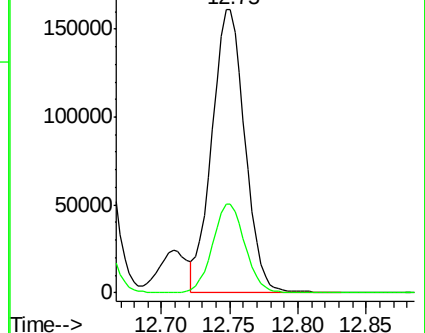
91 100

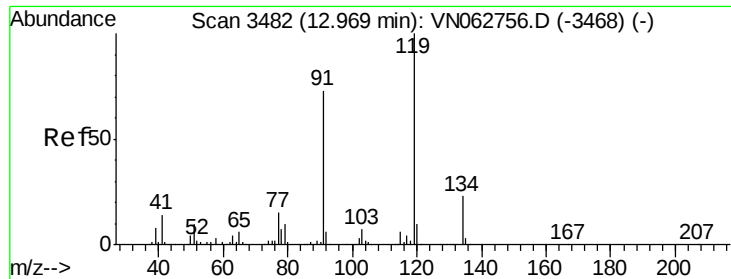
126 31.1 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN062899.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062899.D (-3320) (-)





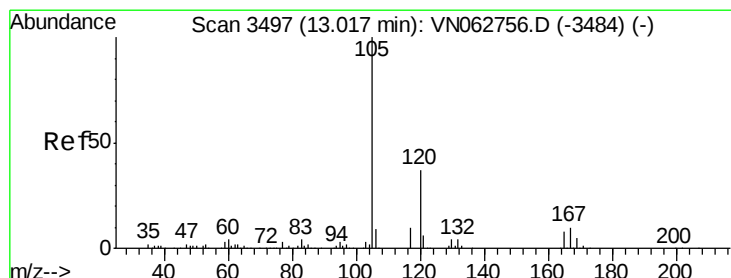
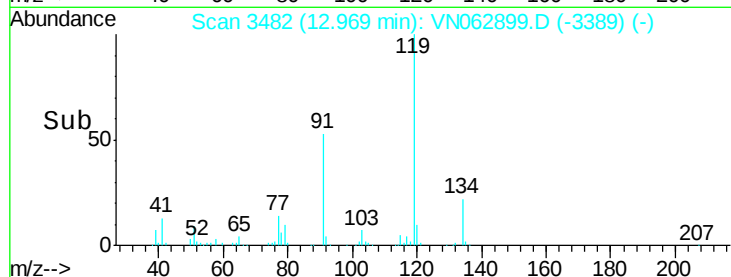
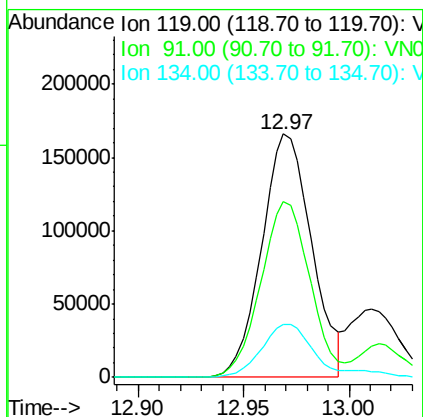
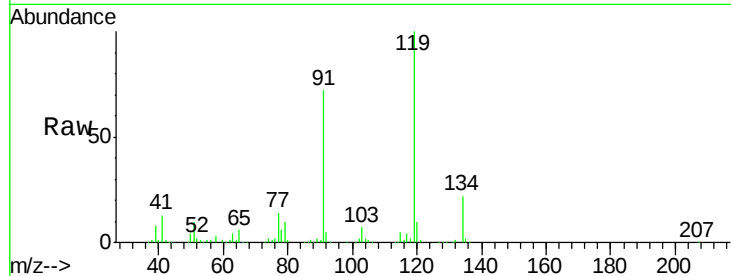
#83
 tert-Butylbenzene
 Concen: 40.153 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.2	36.5	109.5
134	24.1	11.3	33.8

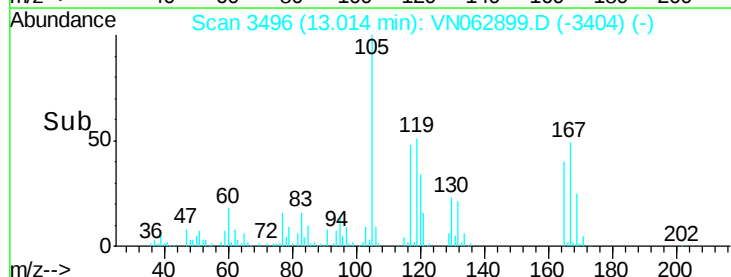
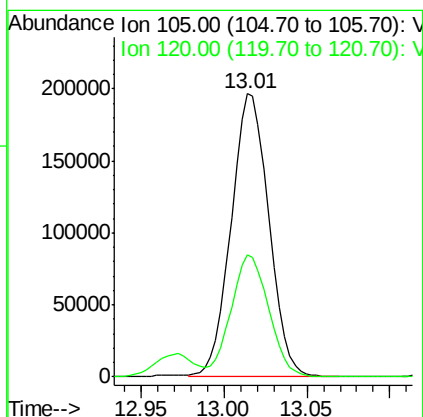
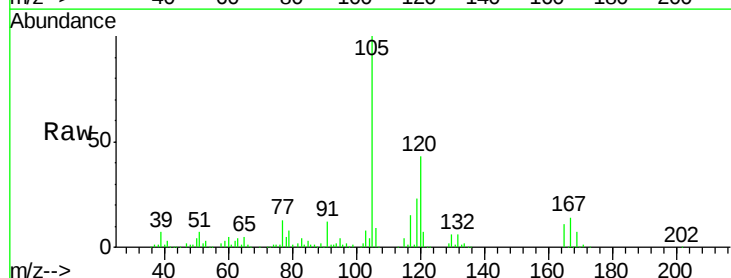
Manual Integrations
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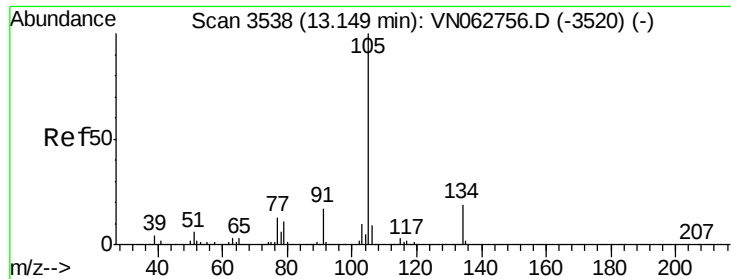
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#84
 1,2,4-Trimethylbenzene
 Concen: 40.193 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.4	64.2





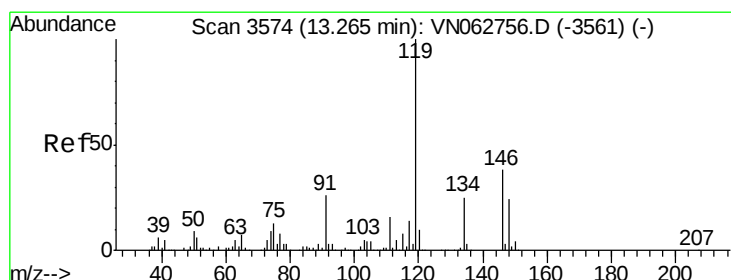
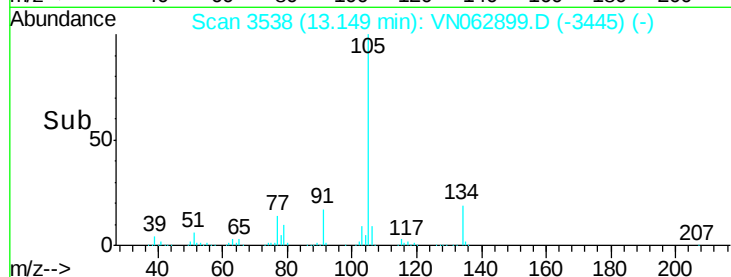
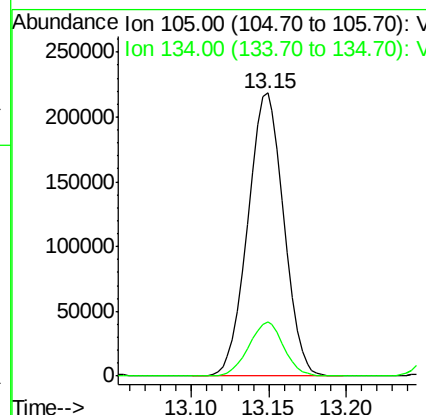
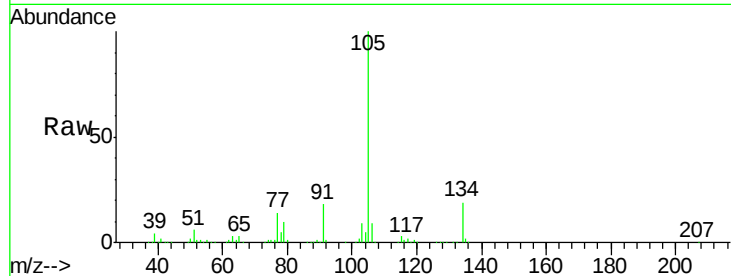
#85
 sec-Butylbenzene
 Concen: 39.377 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.6	28.6

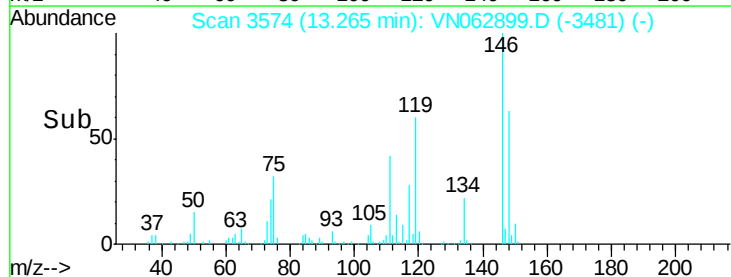
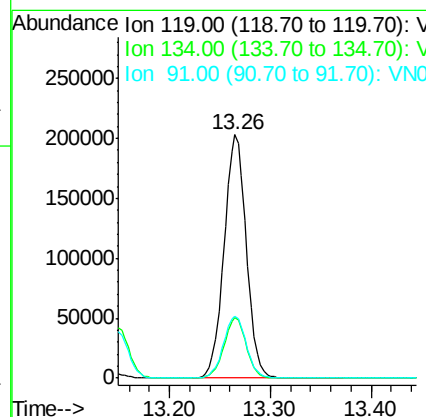
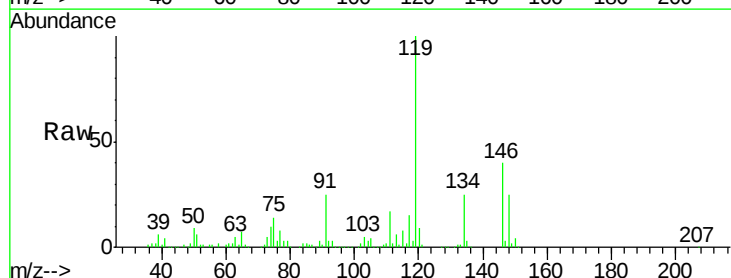
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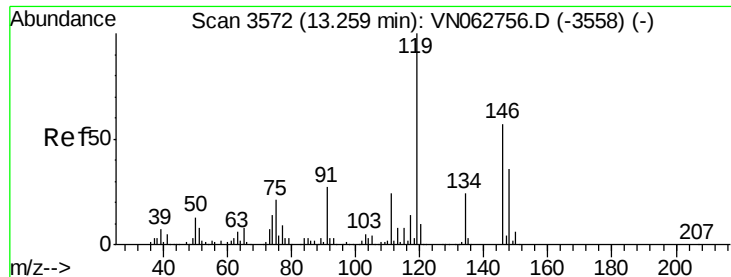
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#86
 p-Isopropyltoluene
 Concen: 39.361 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.6	12.6	37.8
91	26.0	13.4	40.2





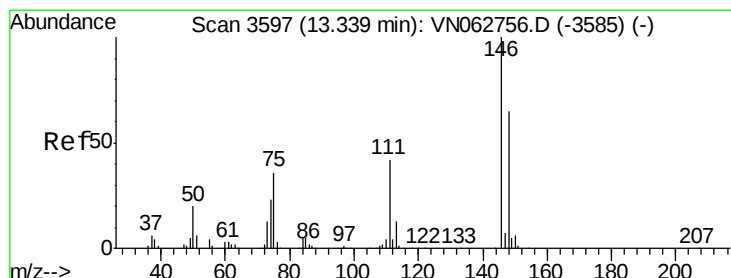
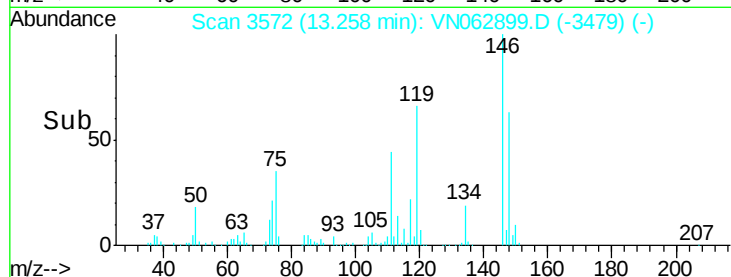
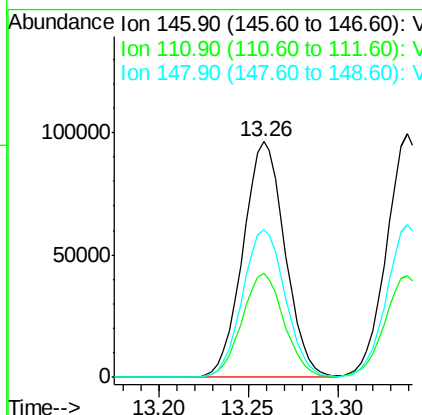
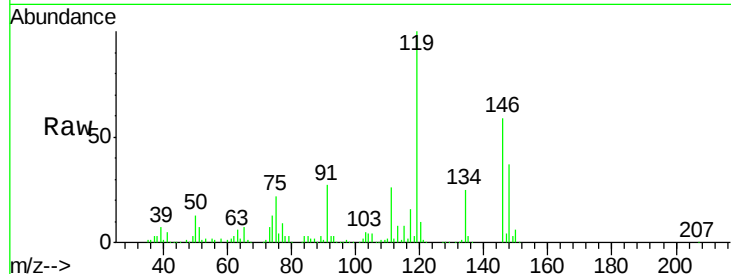
#87
 1,3-Dichlorobenzene
 Concen: 38.401 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158364		
111	44.0	21.7	65.1	
148	63.6	31.4	94.2	

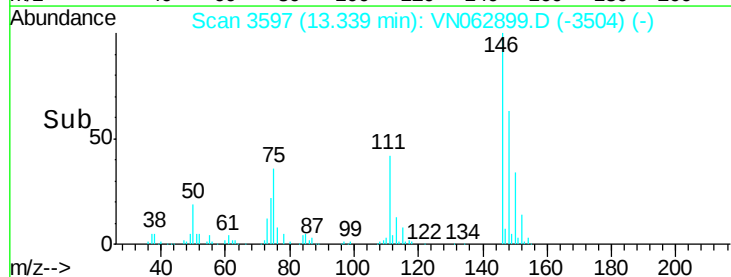
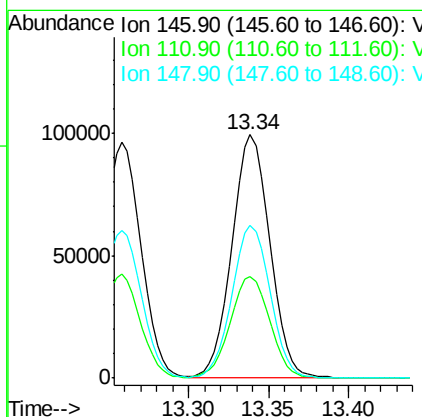
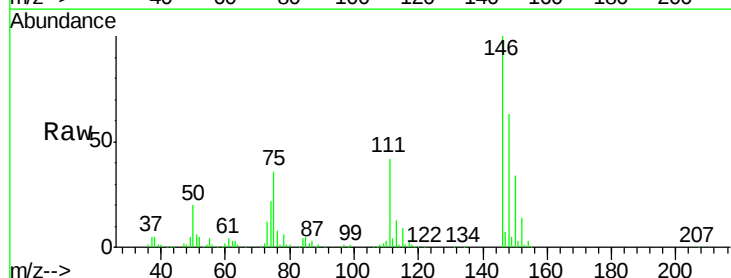
Manual Integrations
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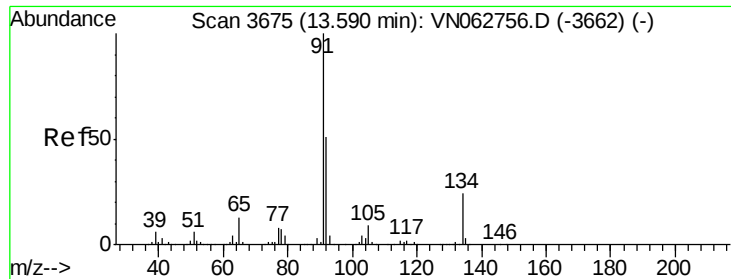
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#88
 1,4-Dichlorobenzene
 Concen: 38.636 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159808		
111	43.4	21.6	64.6	
148	63.1	32.6	97.8	





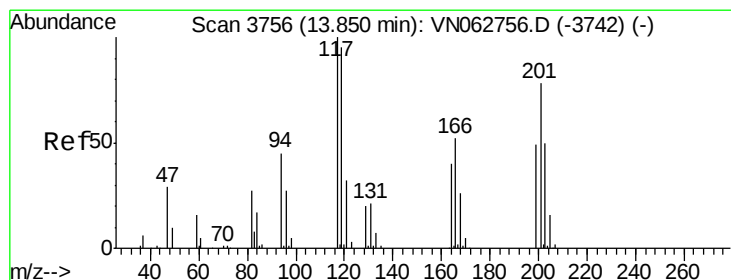
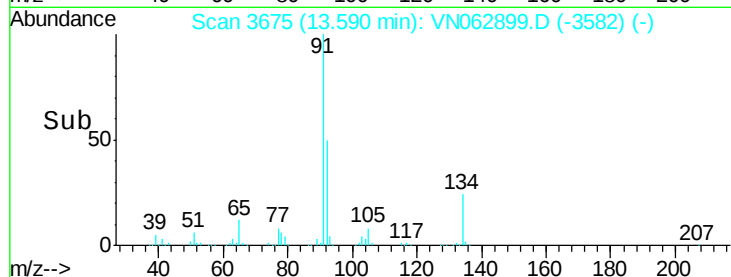
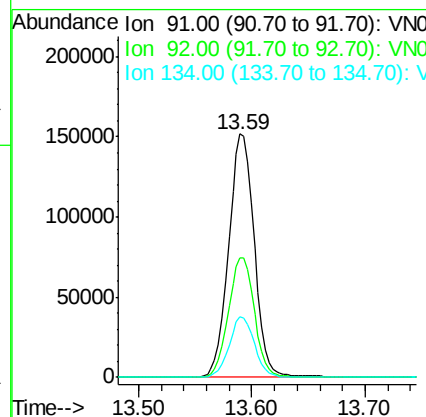
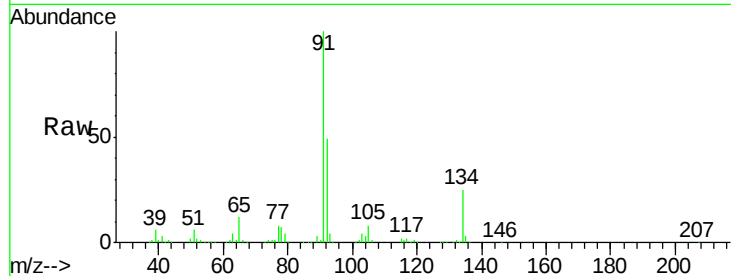
#89
n-Butylbenzene
Concen: 35.675 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.9	25.7	77.0
134	24.3	12.2	36.6

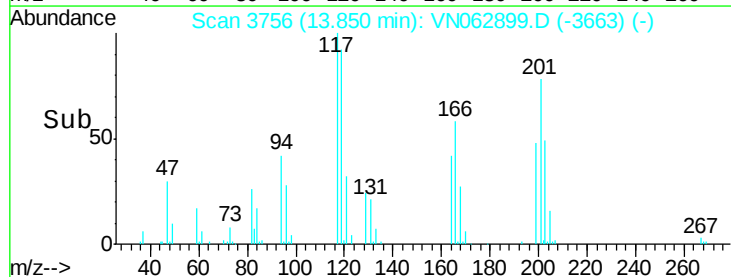
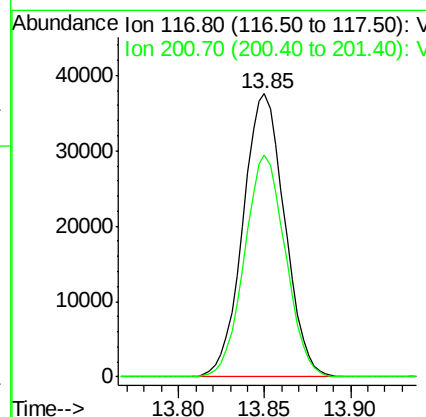
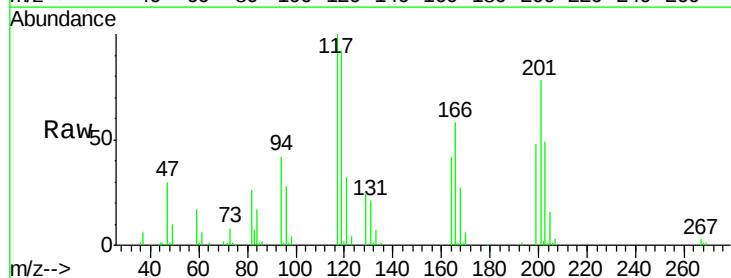
Manual Integrations
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#90
Hexachloroethane
Concen: 36.943 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	39.2	117.6





#91

1,2-Dichlorobenzene

Concen: 41.313 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Instrument :

MSVOA_N

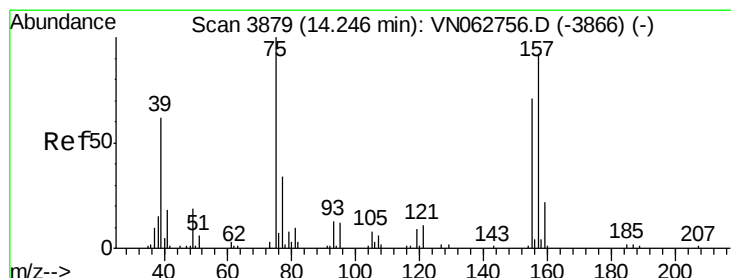
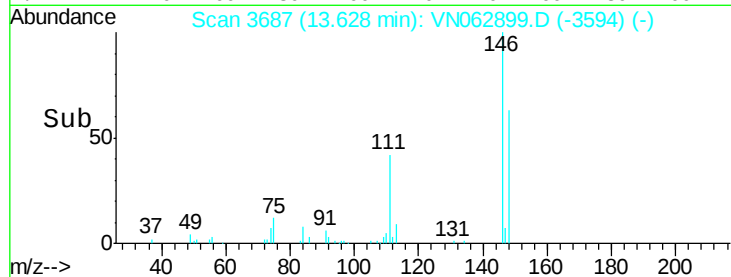
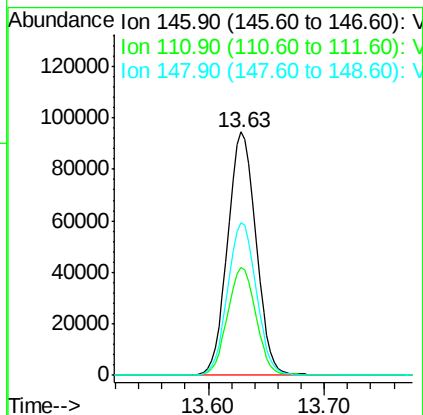
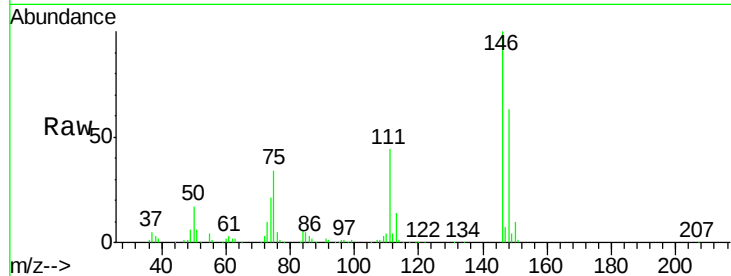
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	159726
Ion Ratio	Lower	Upper	
146	100		
111	44.3	22.8	68.4
148	63.1	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 35.939 ug/l

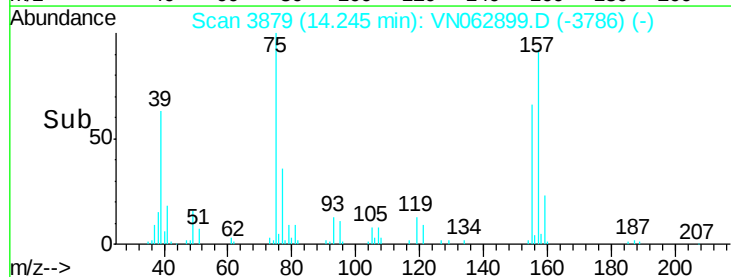
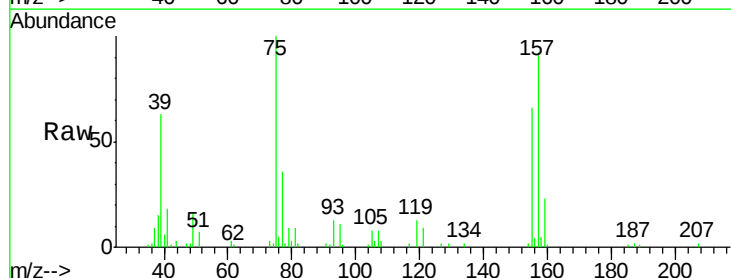
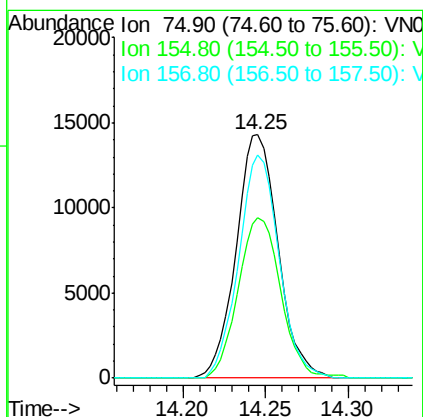
RT: 14.25 min Scan# 3879

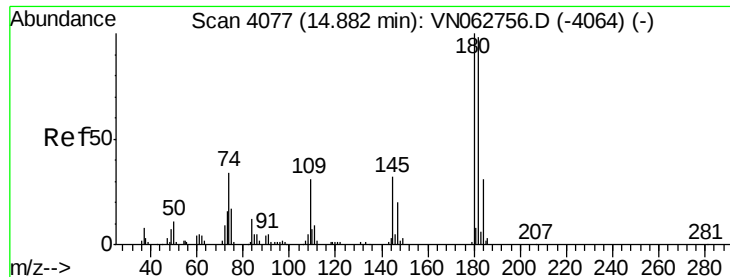
Delta R.T. -0.00 min

Lab File: VN062899.D

Acq: 13 Aug 2020 9:12

Tgt Ion:	75	Resp:	25234
Ion Ratio	Lower	Upper	
75	100		
155	67.0	35.0	105.1
157	88.1	43.2	129.6





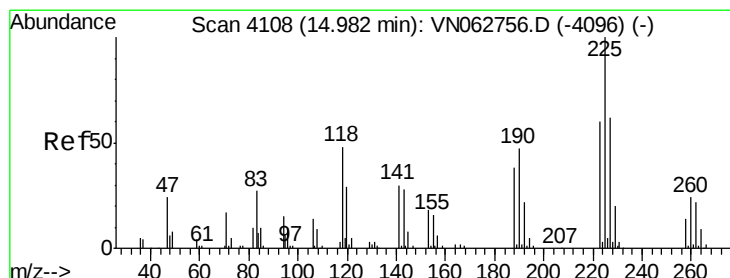
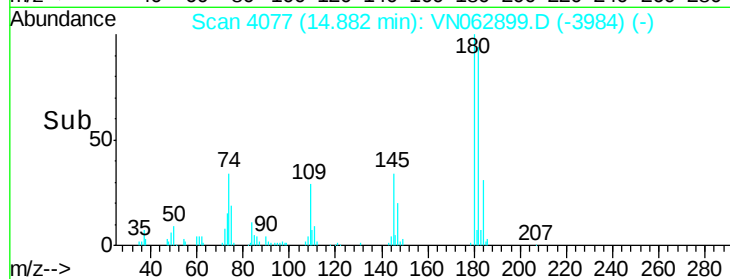
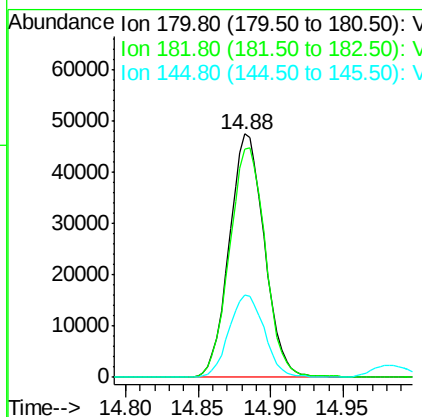
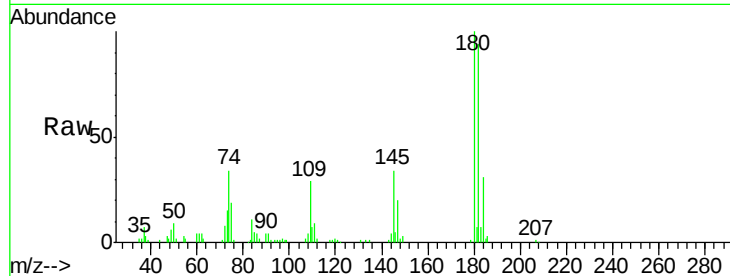
#93
 1,2,4-Trichlorobenzene
 Concen: 39.224 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	79852		
182	95.9	49.1	147.4	
145	34.0	16.3	48.8	

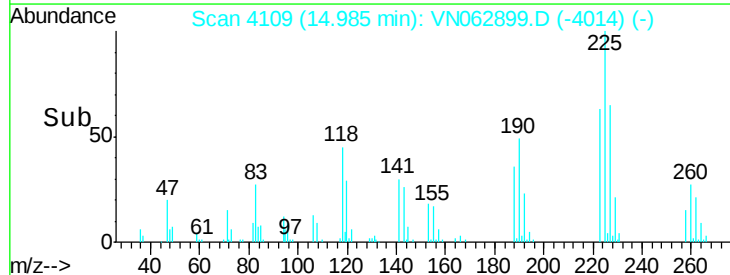
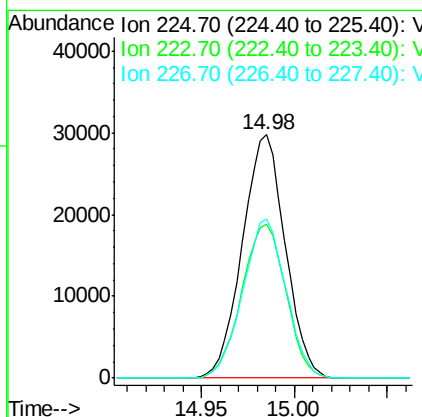
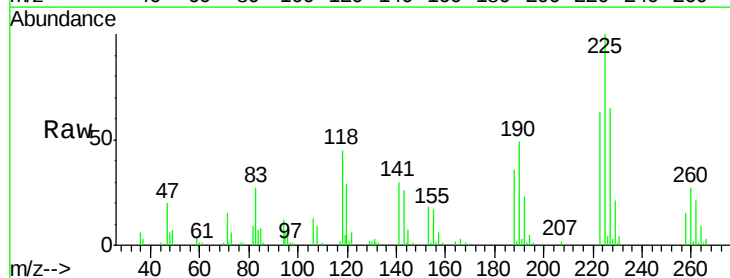
Manual Integrations
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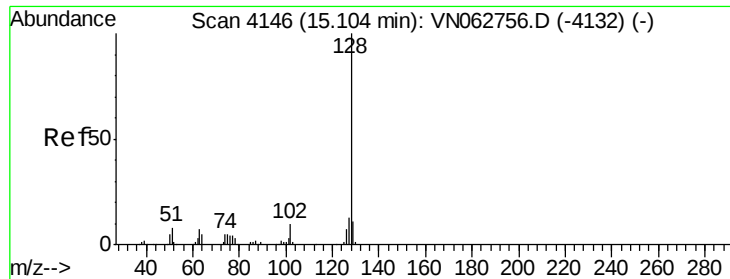
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 8/13/2020 10:55:55 AM



#94
 Hexachlorobutadiene
 Concen: 38.917 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062899.D
 Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47776		
223	64.8	30.6	92.0	
227	65.4	31.6	95.0	





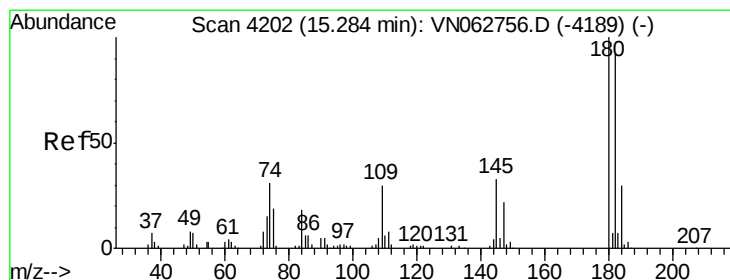
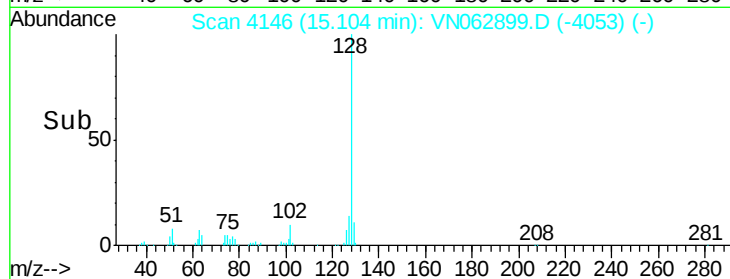
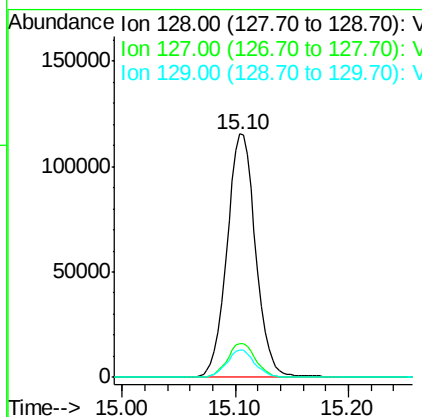
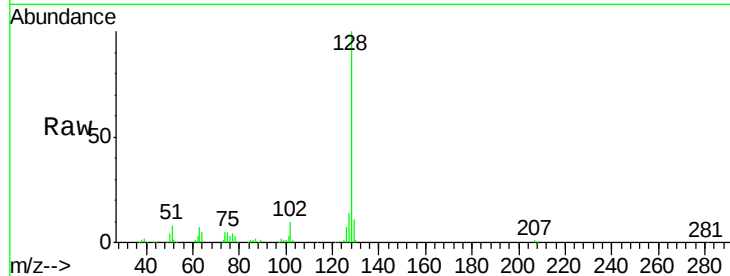
#95
Naphthalene
Concen: 36.896 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.8	16.2
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 40.099 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062899.D
Acq: 13 Aug 2020 9:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.9	143.6
145	35.6	17.3	51.7

