

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065010.D
 Acq On : 9 Dec 2020 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:16 AM

Quant Time: Dec 10 04:18:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	195953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	108237	47.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.02%
35) Dibromofluoromethane	7.54	113	95727	53.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.78%
50) Toluene-d8	10.06	98	362361	49.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.92%
62) 4-Bromofluorobenzene	12.37	95	128891	49.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74735	44.006	ug/l	99
3) Chloromethane	2.04	50	97861	44.343	ug/l	98
4) Vinyl Chloride	2.17	62	106963	46.488	ug/l	99
5) Bromomethane	2.53	94	72890	48.286	ug/l	99
6) Chloroethane	2.67	64	70258	49.370	ug/l	96
7) Trichlorofluoromethane	2.99	101	158985	49.987	ug/l	98
8) Diethyl Ether	3.37	74	67464	53.738	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	101603	53.252	ug/l	98
10) Methyl Iodide	3.90	142	125864	50.859	ug/l	98
11) Tert butyl alcohol	4.74	59	87152	245.310	ug/l	99
12) 1,1-Dichloroethene	3.69	96	94590	49.780	ug/l	97
13) Acrolein	3.56	56	68023	313.461	ug/l	99
14) Allyl chloride	4.27	41	158824	50.677	ug/l	98
15) Acrylonitrile	4.92	53	265028	270.037	ug/l	99
16) Acetone	3.77	43	269895	360.403	ug/l	98
17) Carbon Disulfide	4.00	76	221408	45.129	ug/l	98
18) Methyl Acetate	4.28	43	126523	56.194	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	342925	56.270	ug/l	97
20) Methylene Chloride	4.50	84	116895	49.814	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	103223	48.918	ug/l	96
22) Diisopropyl ether	5.90	45	354235	56.470	ug/l	99
23) Vinyl Acetate	5.84	43	1416633	282.404	ug/l	100
24) 1,1-Dichloroethane	5.79	63	202341	53.973	ug/l	98
25) 2-Butanone	6.78	43	363115	299.117	ug/l	96
26) 2,2-Dichloropropane	6.77	77	170191	52.343	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126784	53.396	ug/l	98
28) Bromochloromethane	7.14	49	85246	49.705	ug/l	97
29) Tetrahydrofuran	7.16	42	219121	261.486	ug/l	99
30) Chloroform	7.33	83	209356	54.152	ug/l	100
31) Cyclohexane	7.61	56	152461	48.018	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	174977	52.697	ug/l	99
36) 1,1-Dichloropropene	7.75	75	147400	53.068	ug/l	99
37) Ethyl Acetate	6.88	43	139564	52.163	ug/l	99
38) Carbon Tetrachloride	7.73	117	157672	54.557	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	150707	50.403	ug/l	99
40) Benzene	8.00	78	459680	54.007	ug/l	98
41) Methacrylonitrile	7.12	41	69833	56.566	ug/l	91
42) 1,2-Dichloroethane	8.08	62	154293	53.737	ug/l	99
43) Isopropyl Acetate	8.12	43	236181	54.859	ug/l #	92
44) Trichloroethene	8.79	130	127108	50.614	ug/l	97
45) 1,2-Dichloropropane	9.08	63	125947	57.140	ug/l	98
46) Dibromomethane	9.17	93	83224	56.517	ug/l	98
47) Bromodichloromethane	9.37	83	168778	56.963	ug/l	99
48) Methyl methacrylate	9.16	41	113843	55.339	ug/l	98
49) 1,4-Dioxane	9.16	88	39917	1026.627	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	716660	277.275	ug/l	100
52) Toluene	10.12	92	291444	55.601	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	183262	55.532	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	202218	57.168	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	120761	56.026	ug/l	97
56) Ethyl methacrylate	10.40	69	173398	58.297	ug/l	99
57) 1,3-Dichloropropane	10.68	76	200628	56.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	437933	267.663	ug/l	100
59) 2-Hexanone	10.72	43	531571	285.770	ug/l	99
60) Dibromochloromethane	10.87	129	138608	57.851	ug/l	99
61) 1,2-Dibromoethane	10.97	107	122592	55.982	ug/l	100
64) Tetrachloroethene	10.60	164	128552	48.752	ug/l	99
65) Chlorobenzene	11.40	112	324114	55.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	126456	59.120	ug/l	99
67) Ethyl Benzene	11.48	91	549054	56.468	ug/l	99
68) m/p-Xylenes	11.59	106	430805	117.026	ug/l	97
69) o-Xylene	11.92	106	205947	58.954	ug/l	98
70) Styrene	11.94	104	352797	59.823	ug/l	99
71) Bromoform	12.10	173	97449	57.041	ug/l #	100
73) Isopropylbenzene	12.22	105	541928	58.681	ug/l	100
74) N-amyl acetate	12.04	43	201320	55.393	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	160748	59.385	ug/l	97
76) 1,2,3-Trichloropropane	12.52	75	164933m	57.682	ug/l	
77) Bromobenzene	12.50	156	141374	56.782	ug/l	97
78) n-propylbenzene	12.56	91	606236	57.623	ug/l	98
79) 2-Chlorotoluene	12.65	91	363248	55.856	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	455617	59.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	58955	56.510	ug/l	96
82) 4-Chlorotoluene	12.75	91	381798	56.010	ug/l	98
83) tert-Butylbenzene	12.97	119	378175	58.776	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	462897	59.643	ug/l	100
85) sec-Butylbenzene	13.14	105	489571	57.308	ug/l	100
86) p-Isopropyltoluene	13.26	119	463382	59.579	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	246761	55.784	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	250083	53.459	ug/l	99
89) n-Butylbenzene	13.59	91	381633	55.874	ug/l	99
90) Hexachloroethane	13.85	117	80536	59.606	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	245236	56.462	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32081	52.673	ug/l	99

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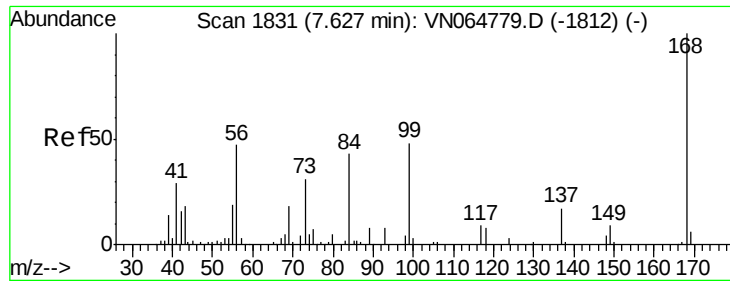
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	135197	50.318	ug/l	100
94) Hexachlorobutadiene	14.98	225	70221	57.977	ug/l	98
95) Naphthalene	15.10	128	398617	49.520	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	129921	50.858	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 195953

Ion Ratio Lower Upper

168 100

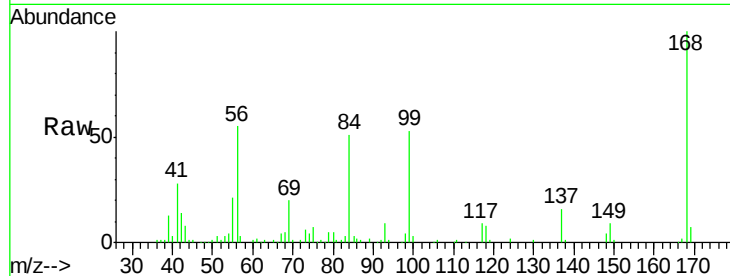
99 53.0 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

40000

20000

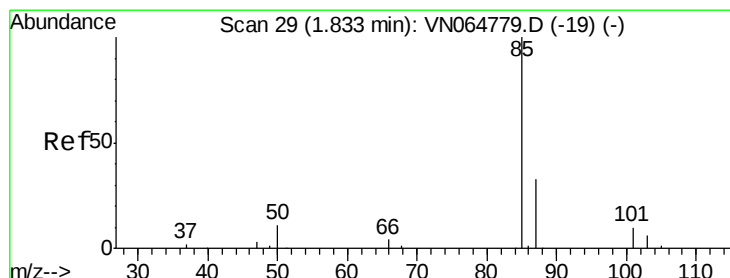
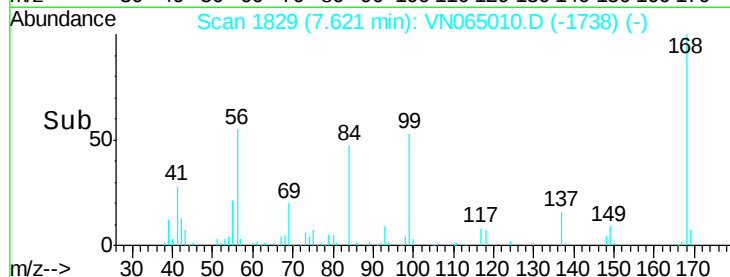
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.006 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065010.D

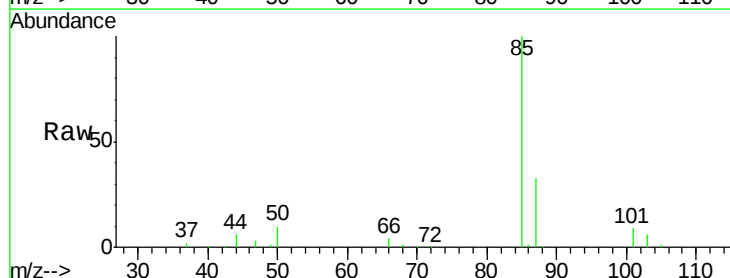
Acq: 9 Dec 2020 10:32

Tgt Ion: 85 Resp: 74735

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

20000

10000

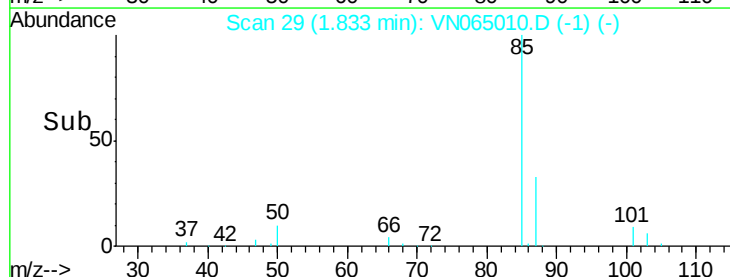
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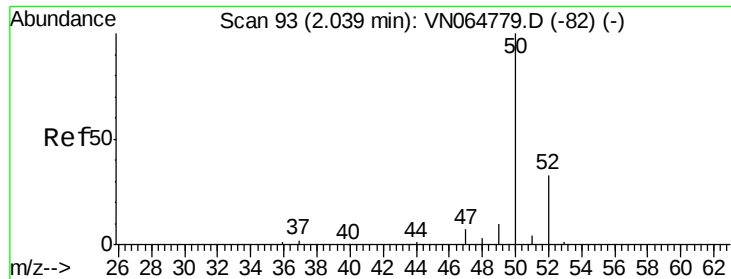
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 44.343 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 97861

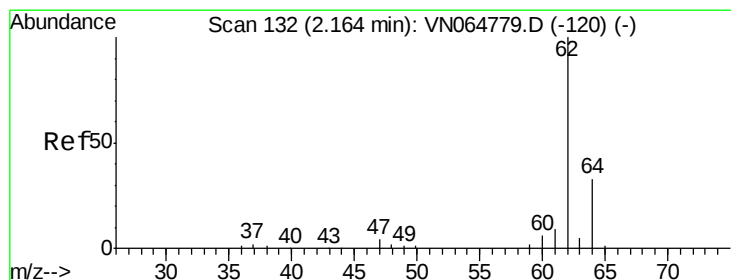
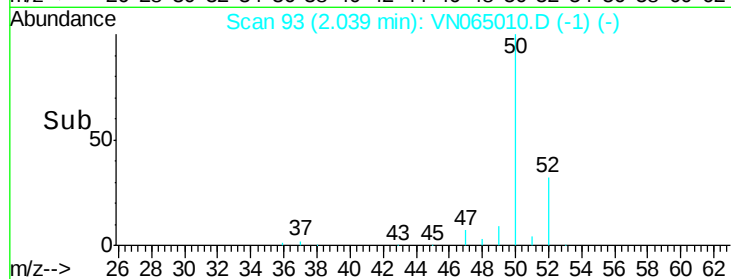
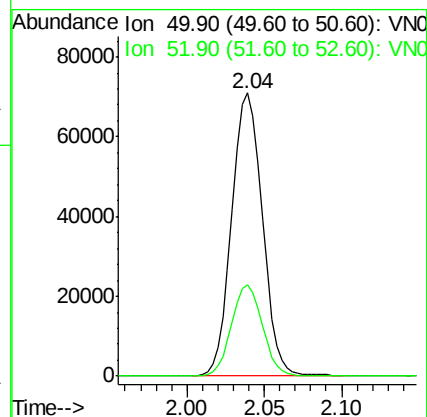
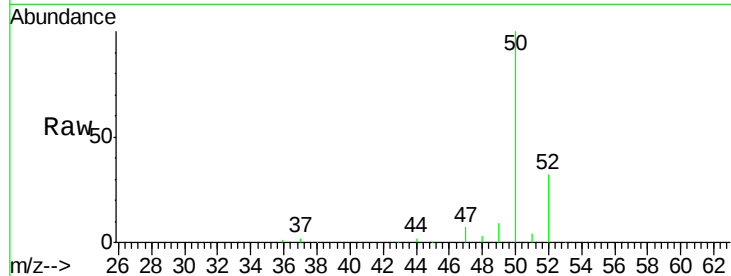
Ion Ratio Lower Upper

50 100

52 32.1 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.488 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065010.D

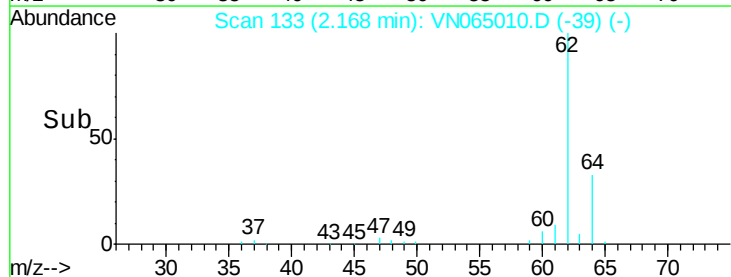
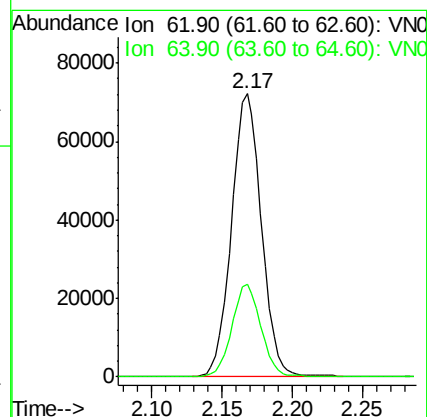
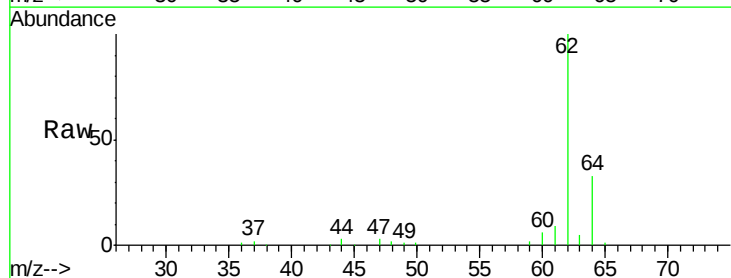
Acq: 9 Dec 2020 10:32

Tgt Ion: 62 Resp: 106963

Ion Ratio Lower Upper

62 100

64 32.7 26.5 39.7





#5

Bromomethane

Concen: 48.286 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 72890

Ion Ratio Lower Upper

94 100

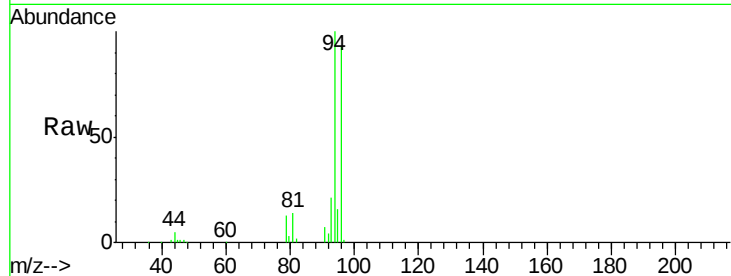
96 93.4 75.4 113.0

Manual Integrations

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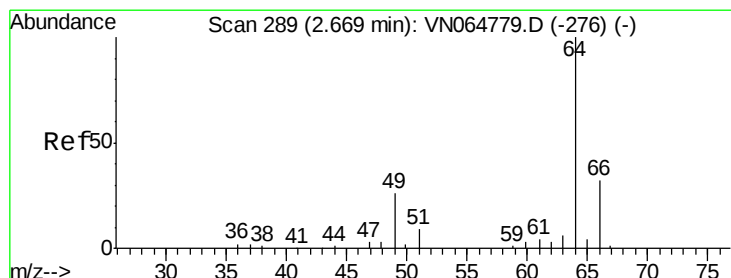
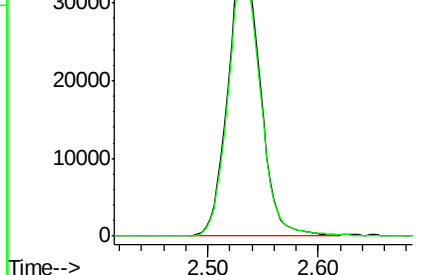
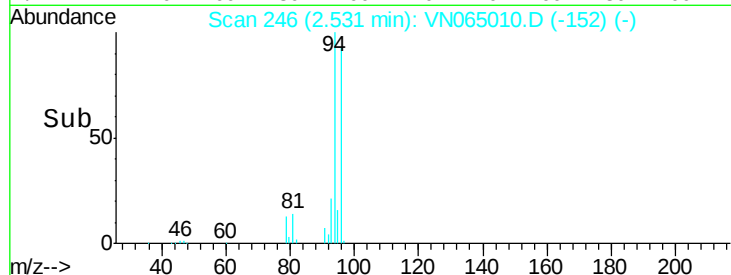


Abundance Ion 93.90 (93.60 to 94.60): VN064779.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064779.D (-230) (-)

2.53

Time-->



#6

Chloroethane

Concen: 49.370 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN065010.D

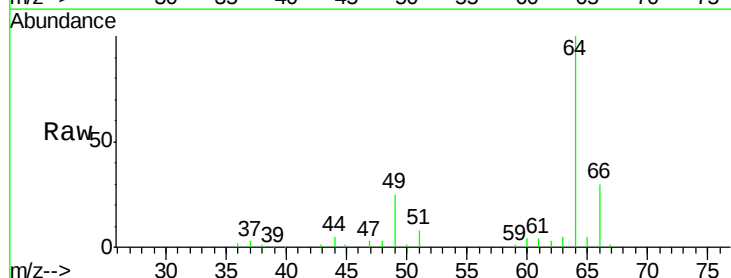
Acq: 9 Dec 2020 10:32

Tgt Ion: 64 Resp: 70258

Ion Ratio Lower Upper

64 100

66 29.6 25.6 38.4

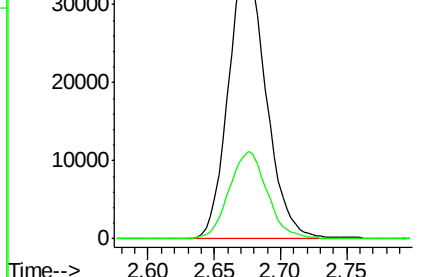
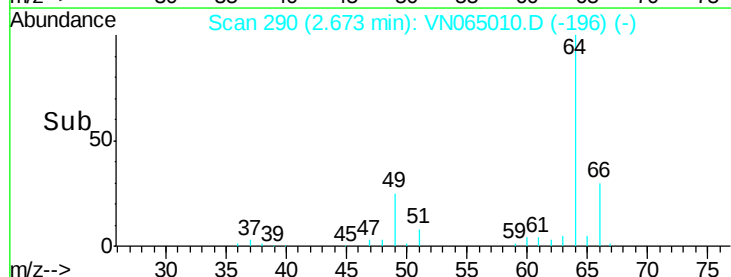


Abundance Ion 63.90 (63.60 to 64.60): VN064779.D (-276) (-)

Ion 65.90 (65.60 to 66.60): VN064779.D (-276) (-)

2.67

Time-->





#7

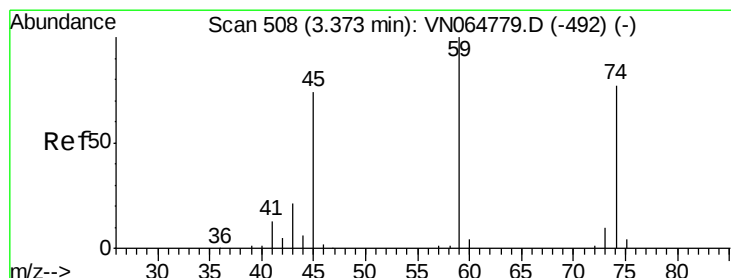
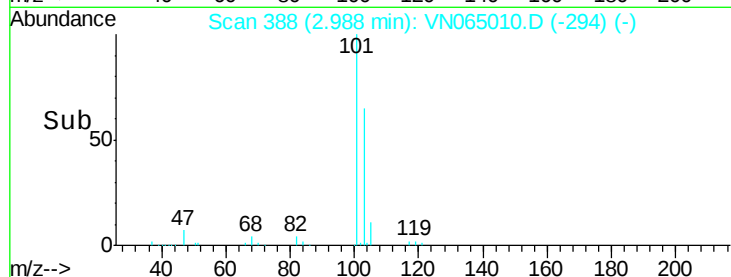
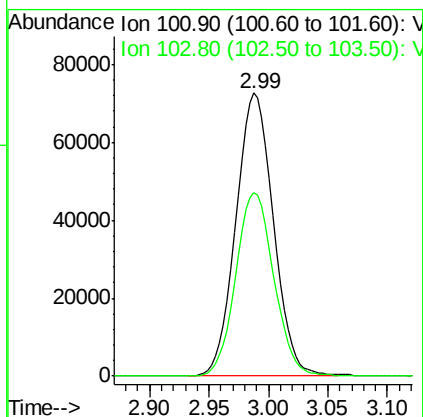
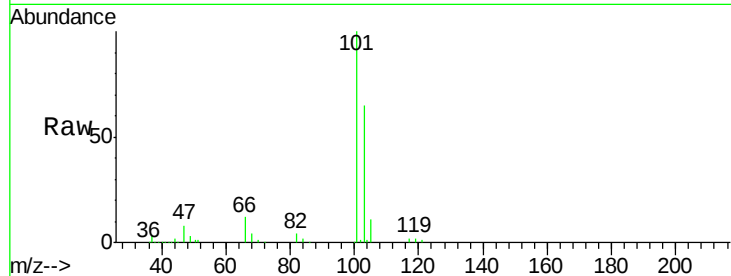
Trichlorofluoromethane
Concen: 49.987 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	158985		
103	64.8	50.5	75.7	

Manual Integrations
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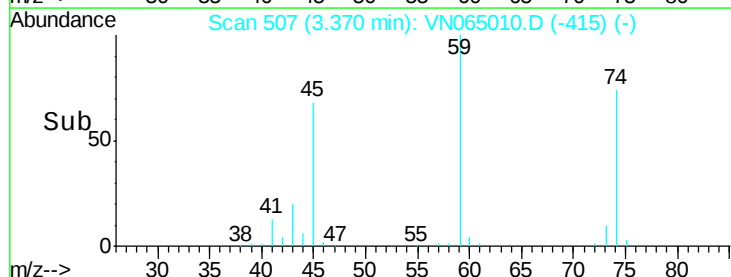
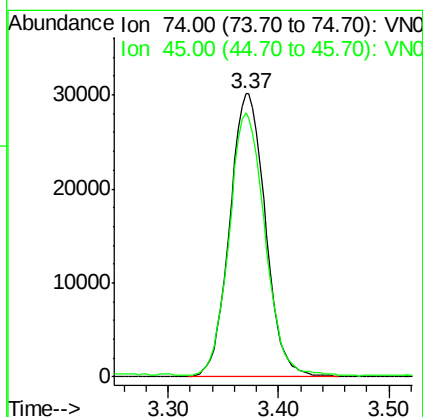
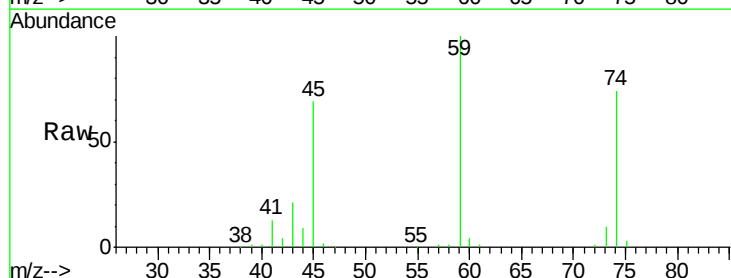
MMDadoda
12/10/2020 9:14:16 AM

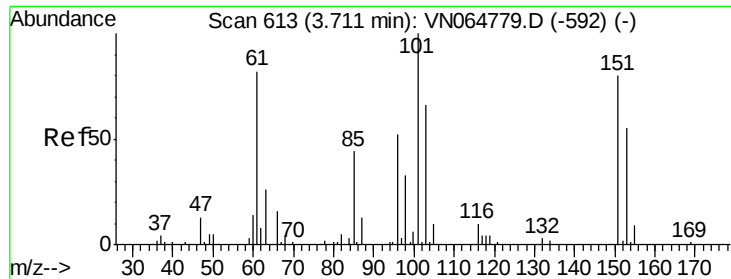


#8

Diethyl Ether
Concen: 53.738 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	67464		
45	95.3	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.252 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

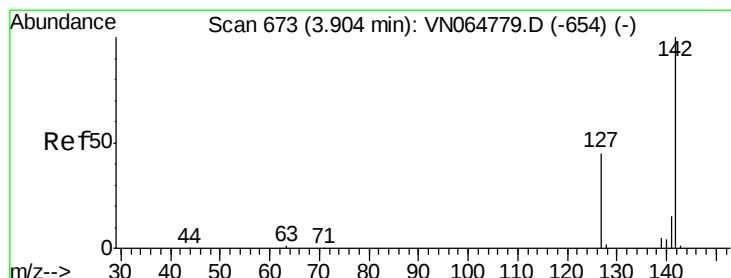
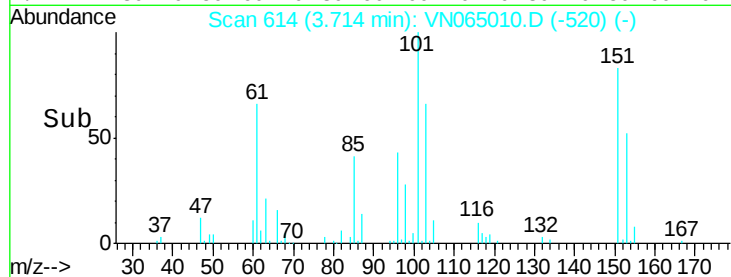
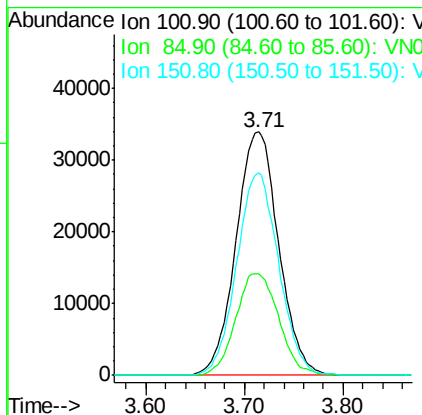
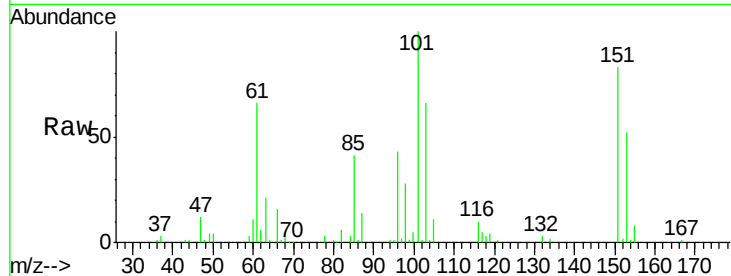
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	101603
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.4	51.6
151	82.0	64.0	96.0

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MMDadoda
12/10/2020 9:14:16 AM



#10

Methyl Iodide

Concen: 50.859 ug/l

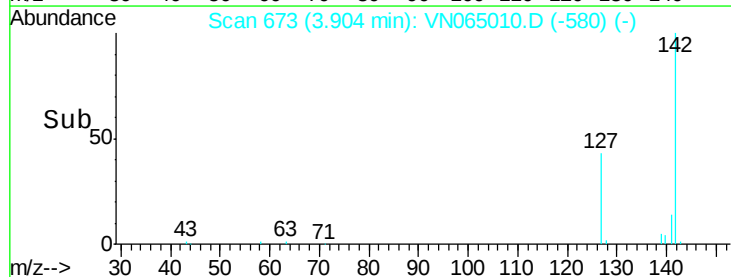
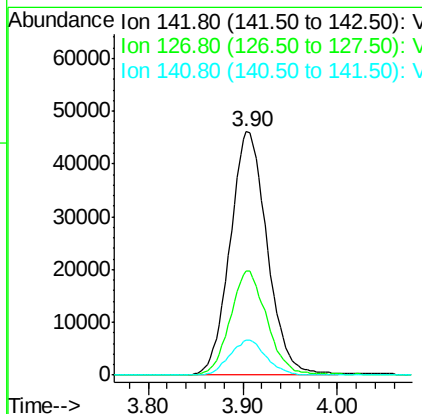
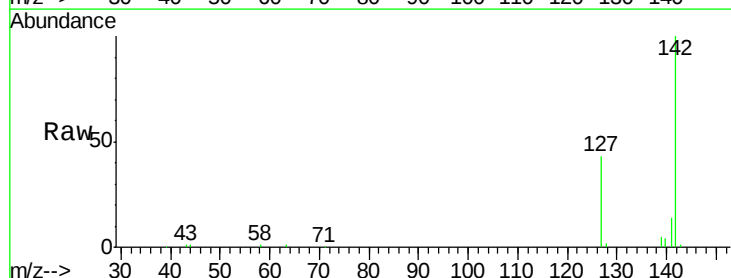
RT: 3.90 min Scan# 673

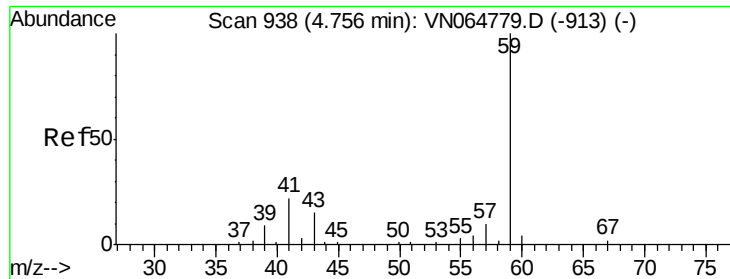
Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion:	142	Resp:	125864
Ion Ratio	Lower	Upper	
142	100		
127	42.1	35.0	52.6
141	14.1	11.8	17.6





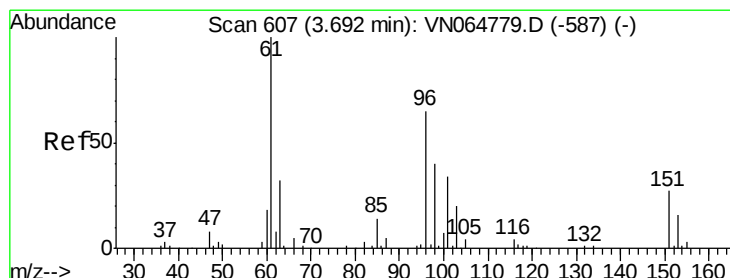
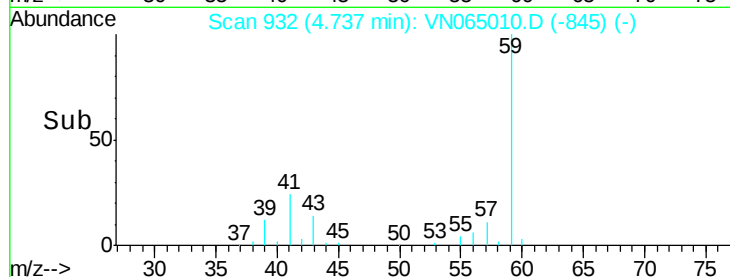
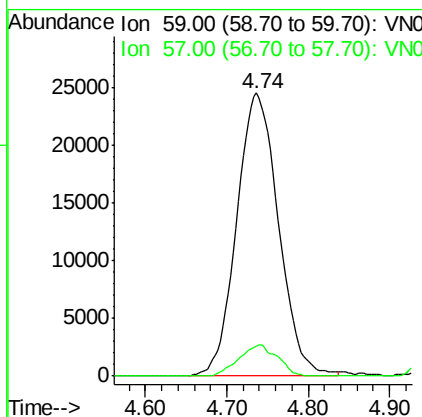
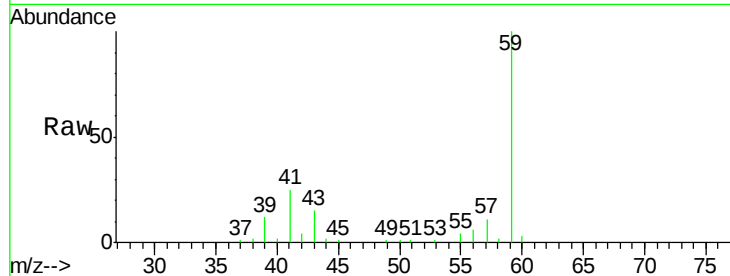
#11
Tert butyl alcohol
Concen: 245.310 ug/l
RT: 4.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 87152
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9

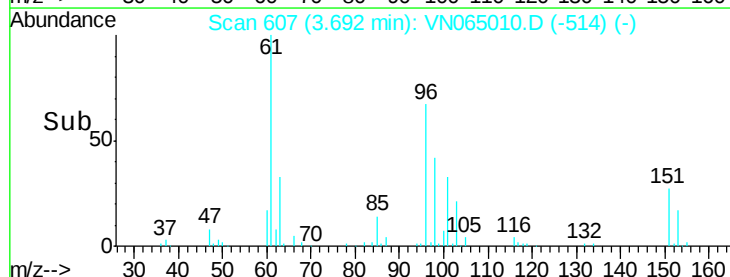
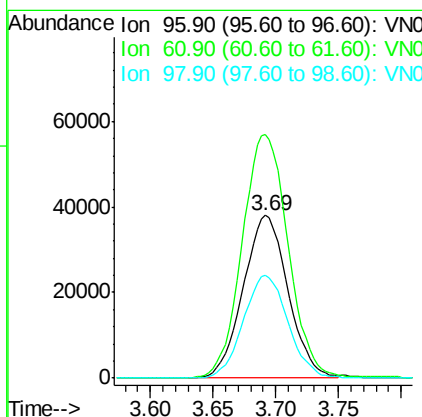
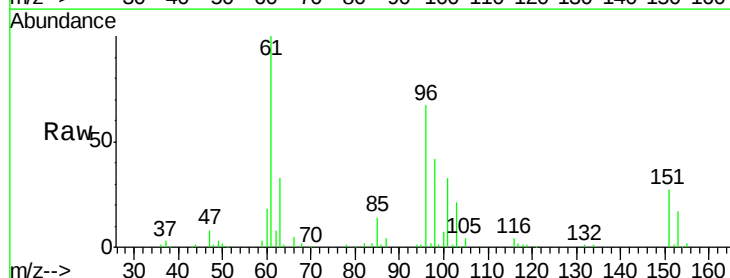
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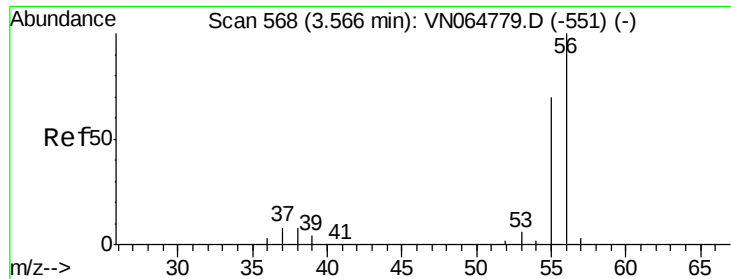
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#12
1,1-Dichloroethene
Concen: 49.780 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 96 Resp: 94590
Ion Ratio Lower Upper
96 100
61 149.6 123.4 185.2
98 63.3 49.8 74.8





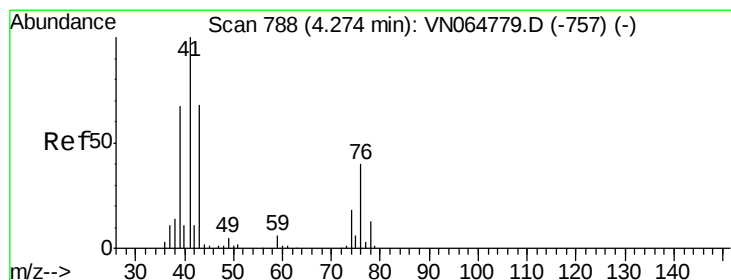
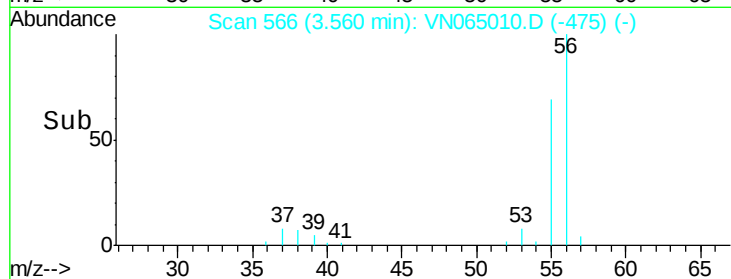
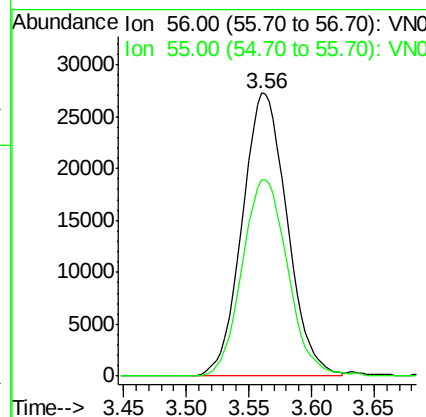
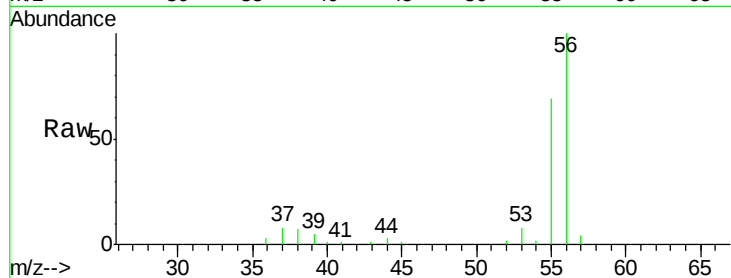
#13
 Acrolein
 Concen: 313.461 ug/l
 RT: 3.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.1	56.5	84.7

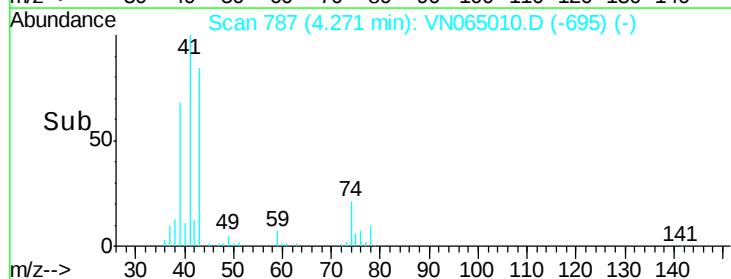
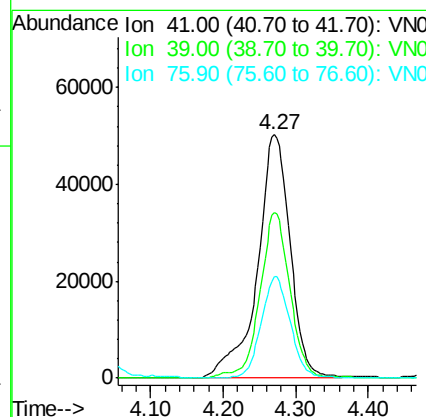
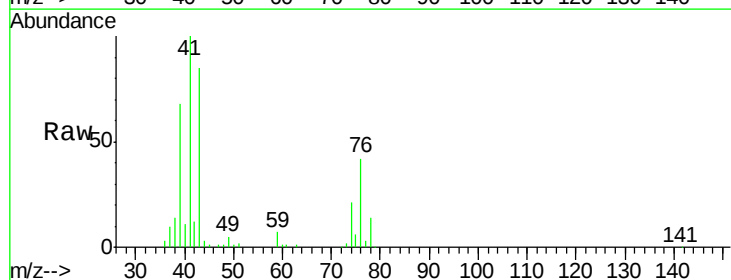
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#14
 Allyl chloride
 Concen: 50.677 ug/l
 RT: 4.27 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	61.7	50.9	76.3
76	76	36.7	29.0	43.4





#15

Acrylonitrile

Concen: 270.037 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

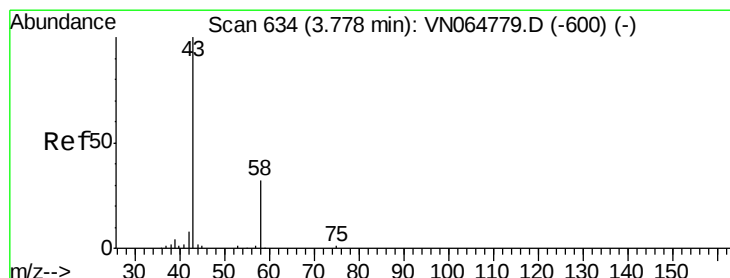
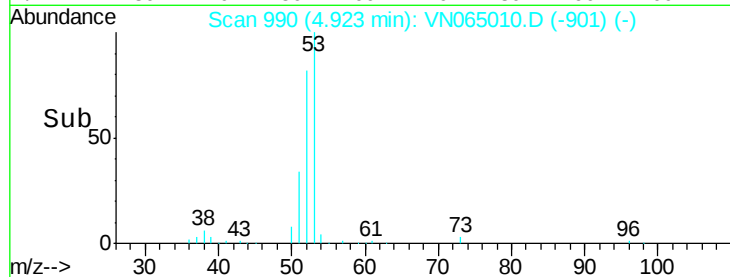
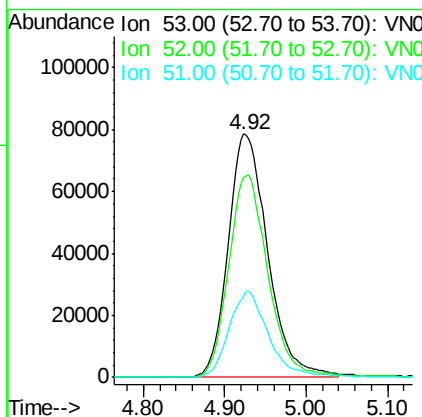
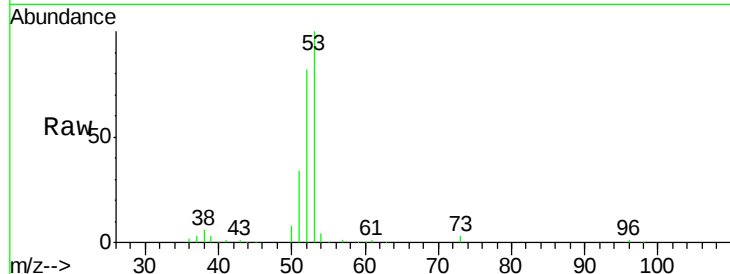
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	265028
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	35.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 360.403 ug/l

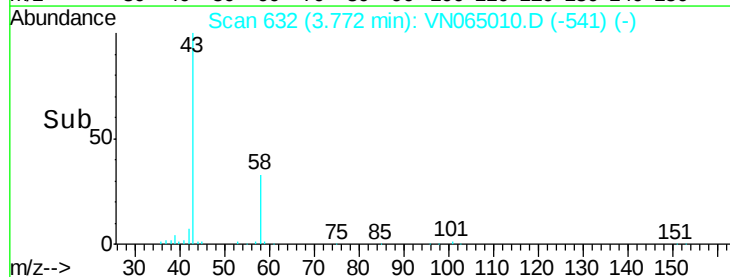
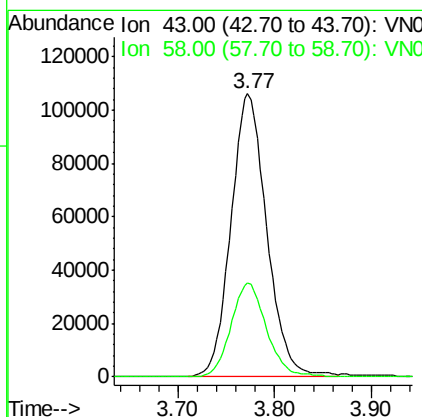
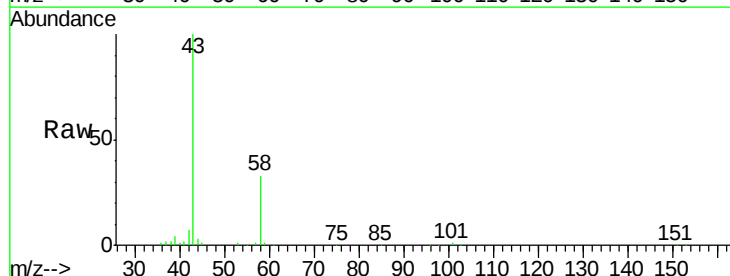
RT: 3.77 min Scan# 632

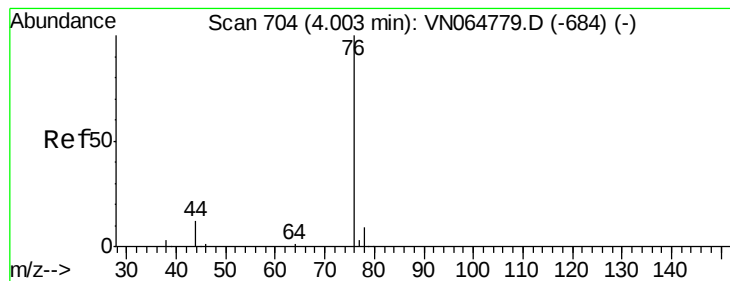
Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion:	43	Resp:	269895
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.7	38.5





#17

Carbon Disulfide

Concen: 45.129 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 221408

Ion Ratio Lower Upper

76 100

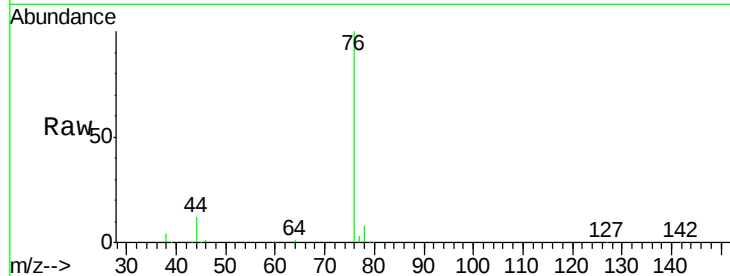
78 8.4 7.4 11.0

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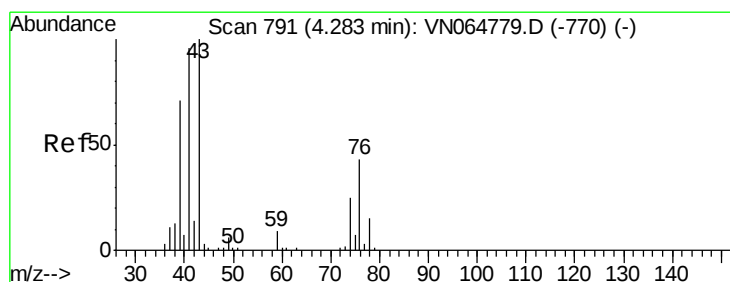
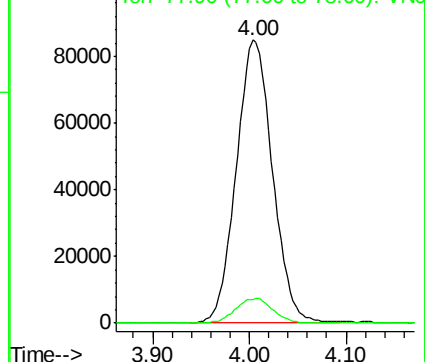
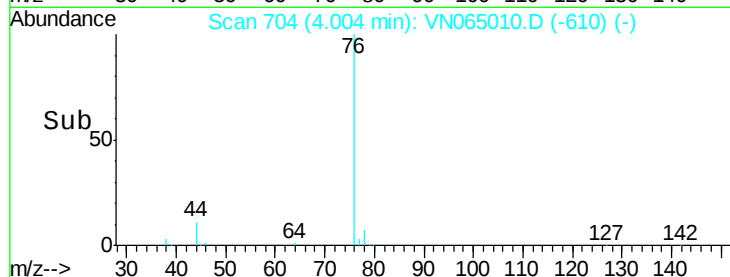
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Abundance Ion 75.90 (75.60 to 76.60): VN065010.D (-610) (-)

Ion 77.90 (77.60 to 78.60): VN065010.D (-610) (-)



#18

Methyl Acetate

Concen: 56.194 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN065010.D

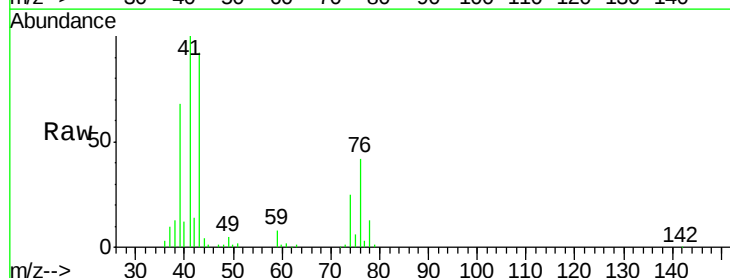
Acq: 9 Dec 2020 10:32

Tgt Ion: 43 Resp: 126523

Ion Ratio Lower Upper

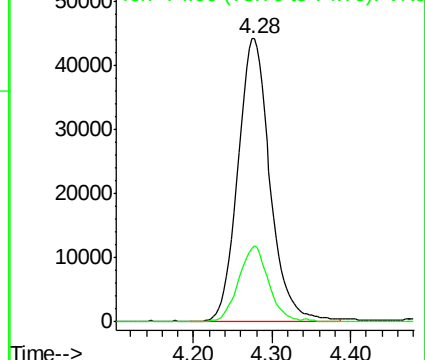
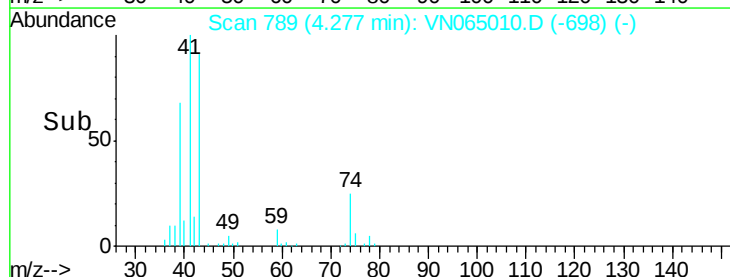
43 100

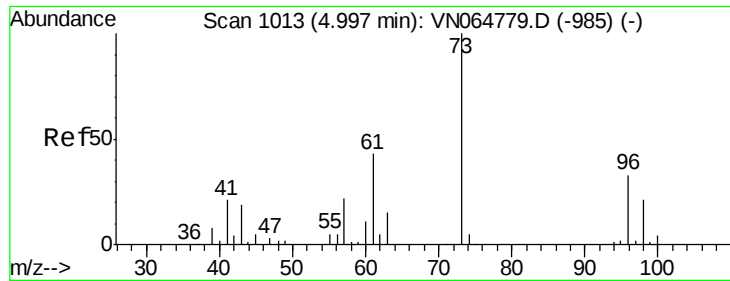
74 24.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN065010.D (-698) (-)

Ion 74.00 (73.70 to 74.70): VN065010.D (-698) (-)





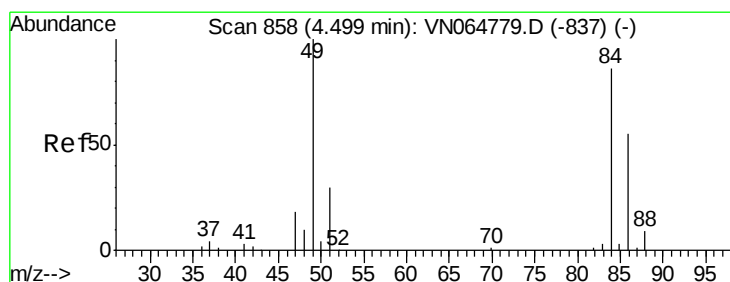
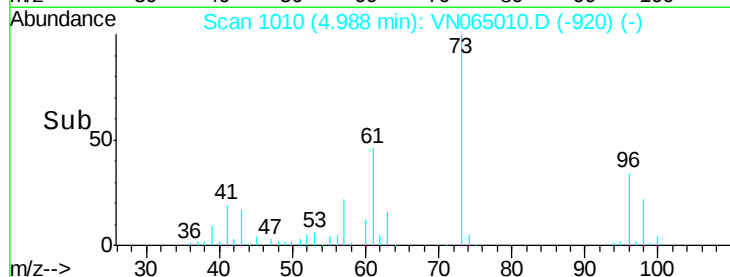
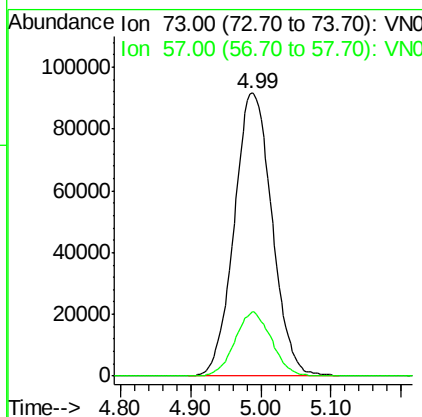
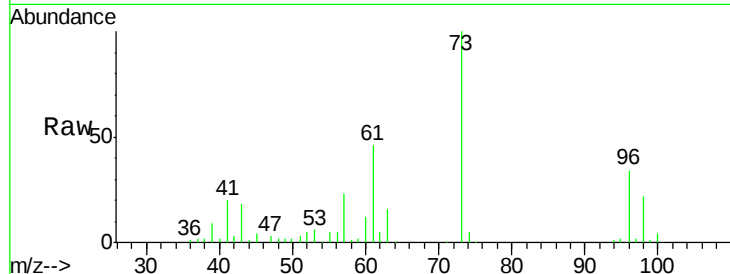
#19
Methvl tert-butvl Ether
Concen: 56.270 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 342925
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0

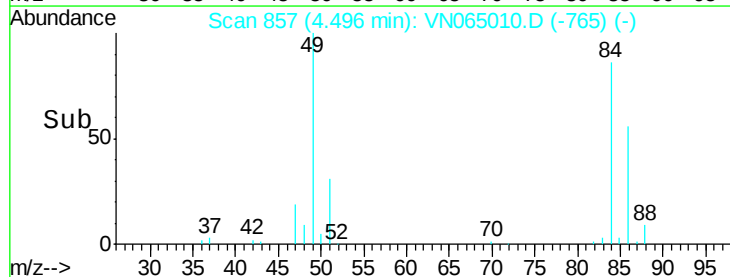
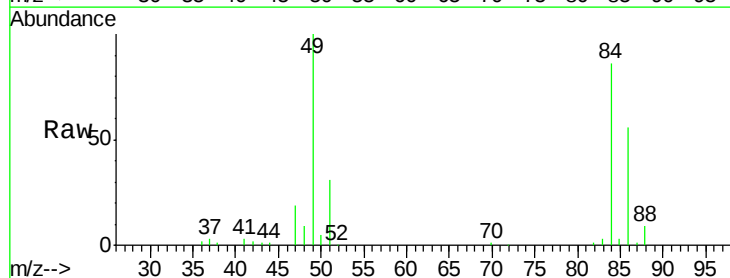
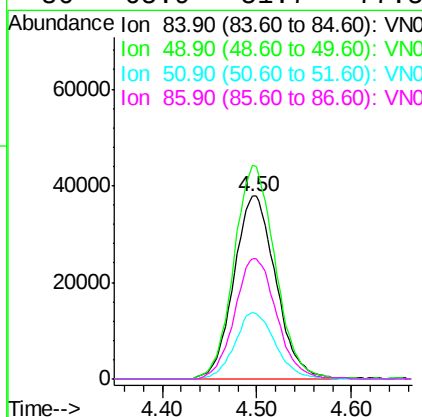
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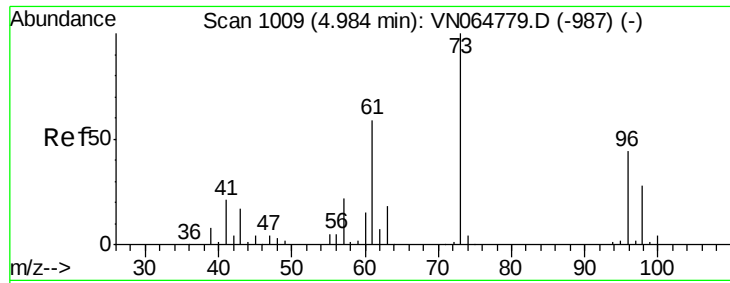
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#20
Methylene Chloride
Concen: 49.814 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 84 Resp: 116895
Ion Ratio Lower Upper
84 100
49 116.7 93.4 140.0
51 36.1 28.2 42.4
86 65.9 51.7 77.5





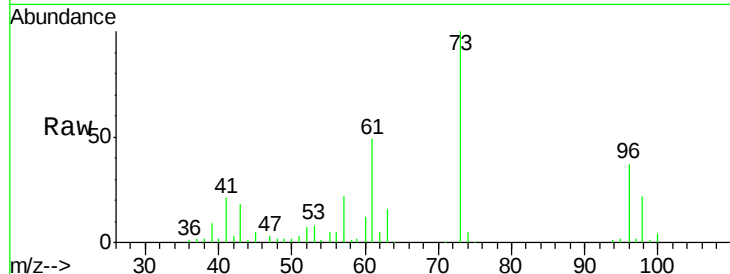
#21
trans-1,2-Dichloroethene
Concen: 48.918 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.0	108.4	162.6
98	59.4	51.3	76.9

Manual Integrations
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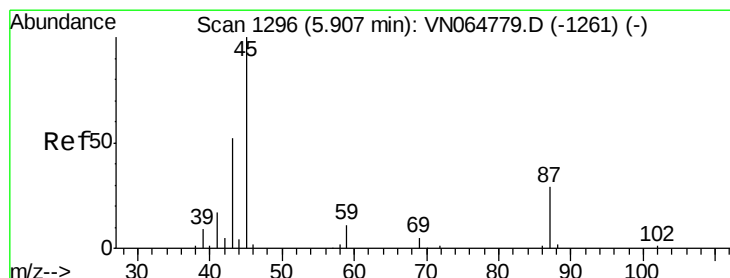
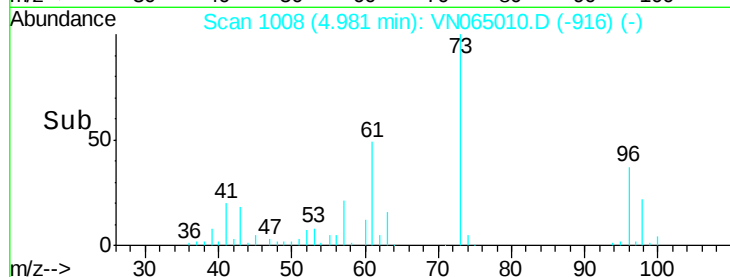
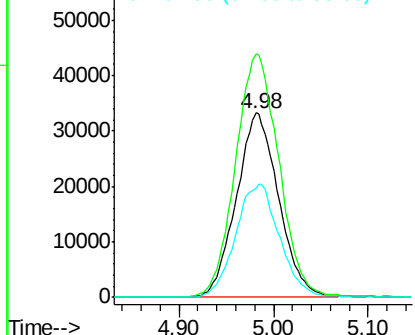


Abundance

Ion 95.90 (95.60 to 96.60): VN064779.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-987) (-)



#22
Diisopropyl ether
Concen: 56.470 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.0	46.2	69.2
87	30.2	24.1	36.1
59	11.9	9.0	13.4

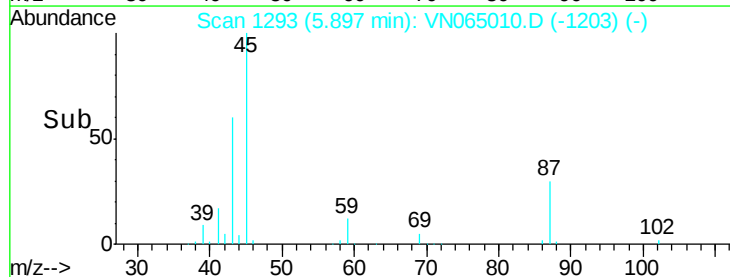
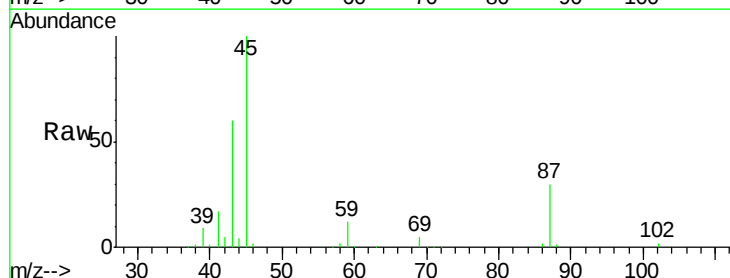
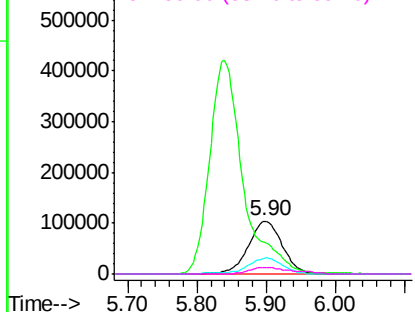
Abundance

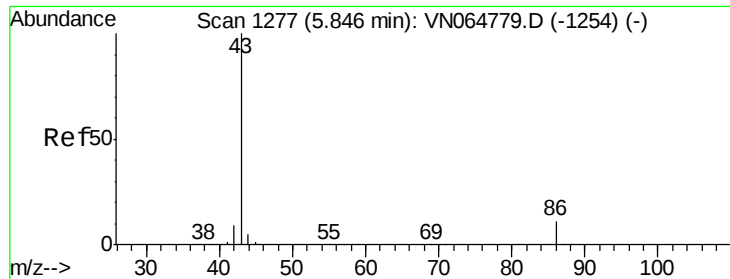
Ion 45.00 (44.70 to 45.70): VN064779.D (-1261) (-)

Ion 43.00 (42.70 to 43.70): VN064779.D (-1261) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1261) (-)

Ion 59.00 (58.70 to 59.70): VN064779.D (-1261) (-)





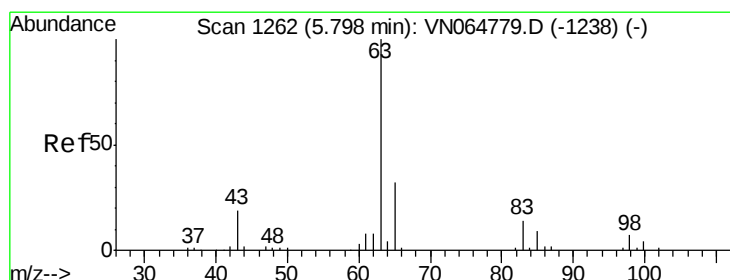
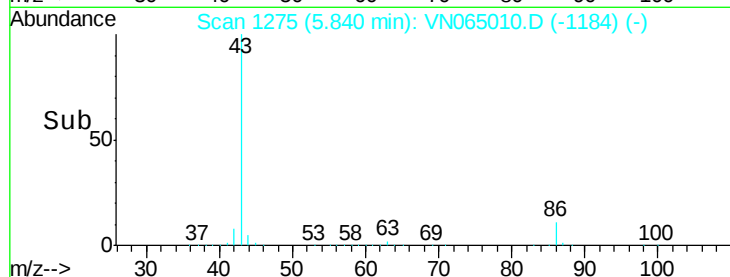
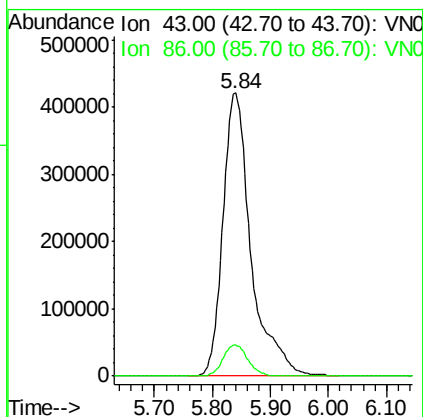
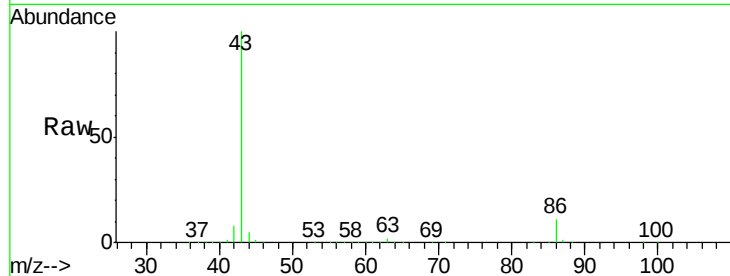
#23
 Vinyl Acetate
 Concen: 282.404 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1416633
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

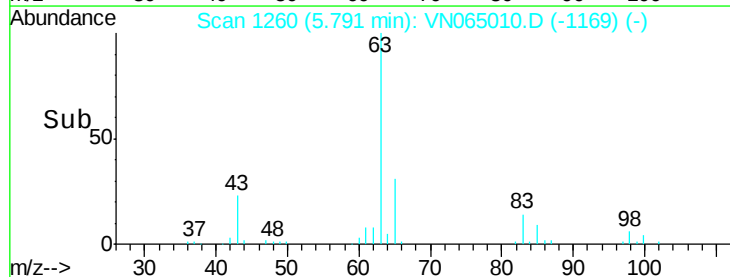
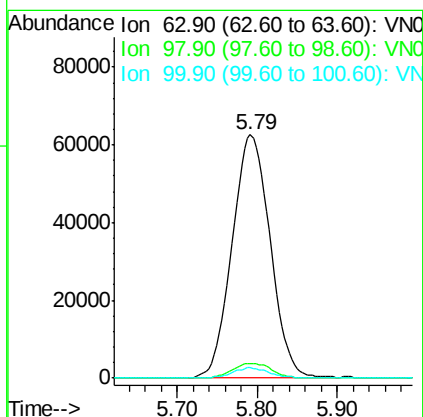
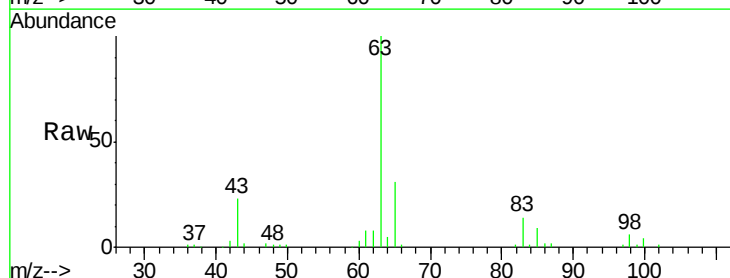
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#24
 1,1-Dichloroethane
 Concen: 53.973 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 63 Resp: 202341
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 299.117 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 363115

Ion Ratio Lower Upper

43 100

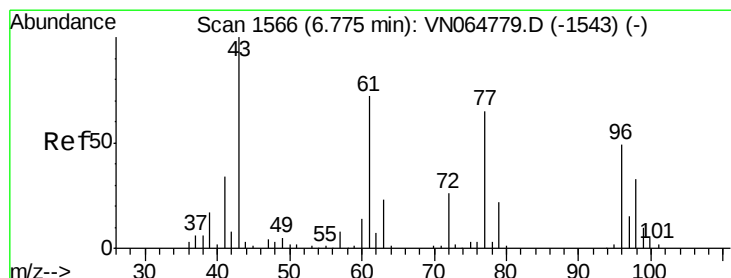
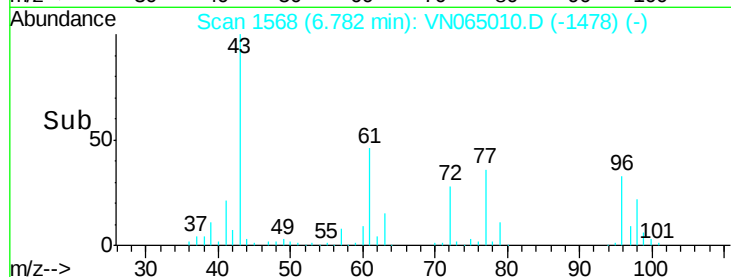
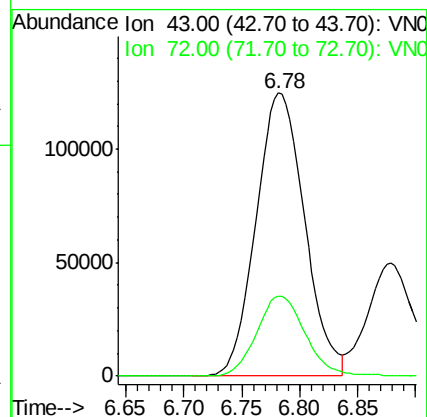
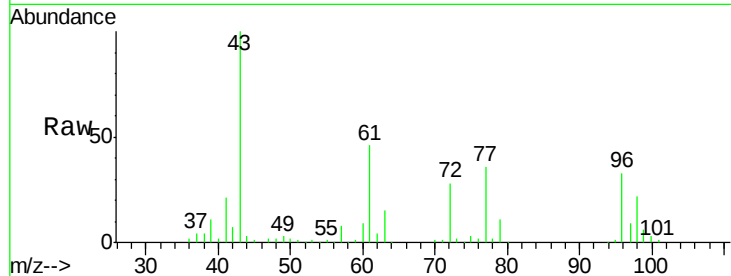
72 28.4 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.343 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN065010.D

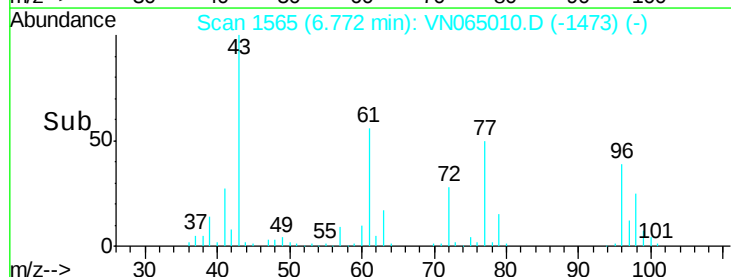
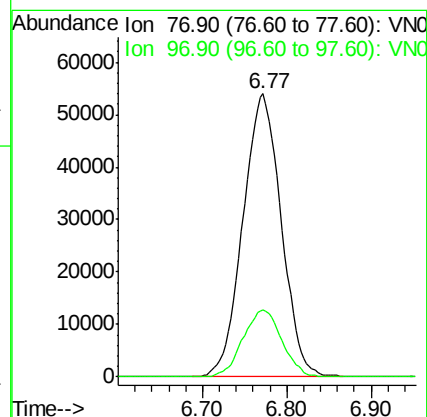
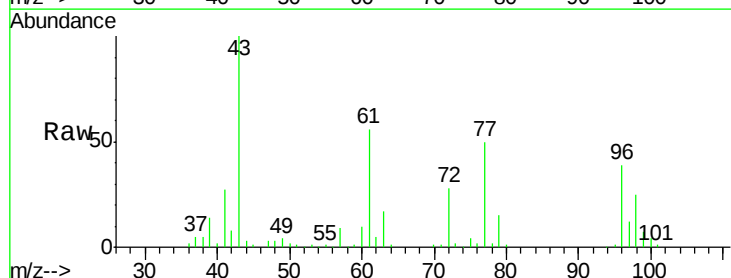
Acq: 9 Dec 2020 10:32

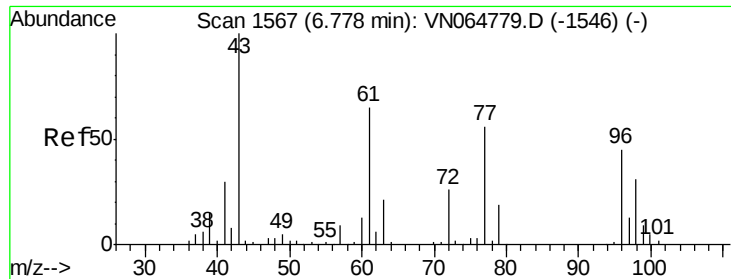
Tgt Ion: 77 Resp: 170191

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.396 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

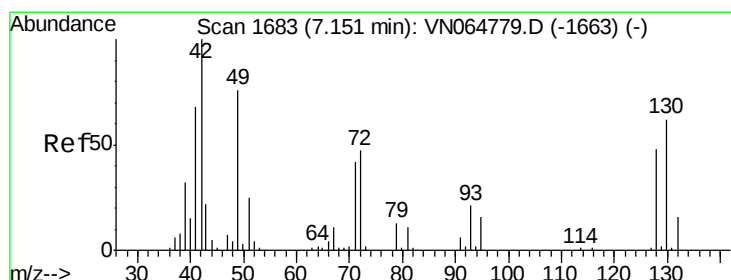
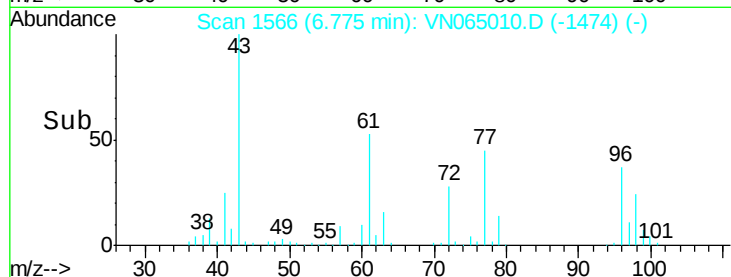
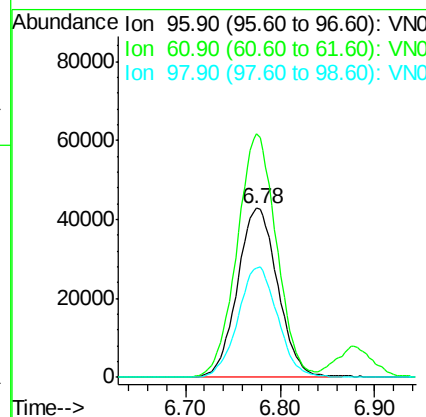
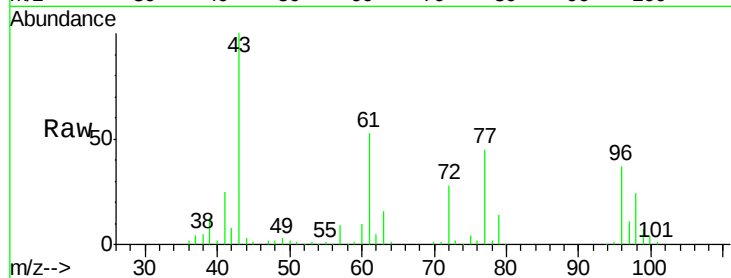
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	126784
Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	285.8
98	64.3	0.0	130.6

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#28

Bromochloromethane

Concen: 49.705 ug/l

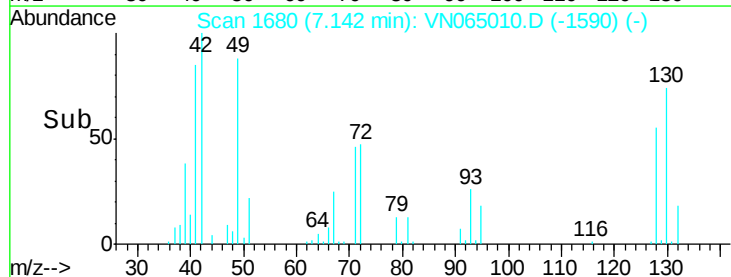
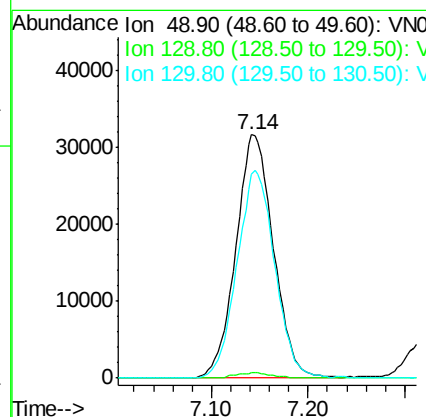
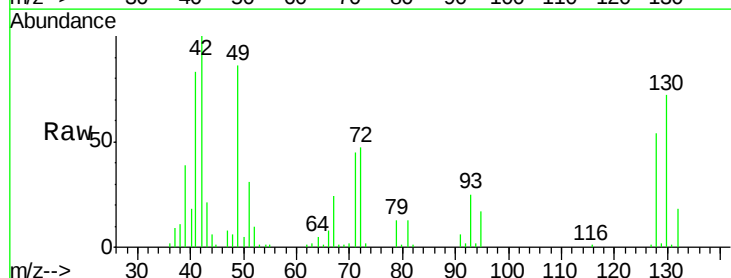
RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion:	49	Resp:	85246
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	85.8	66.2	99.2





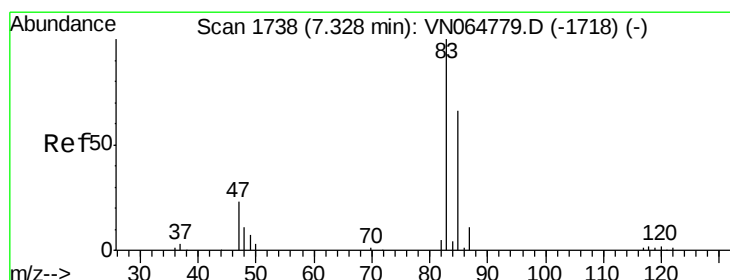
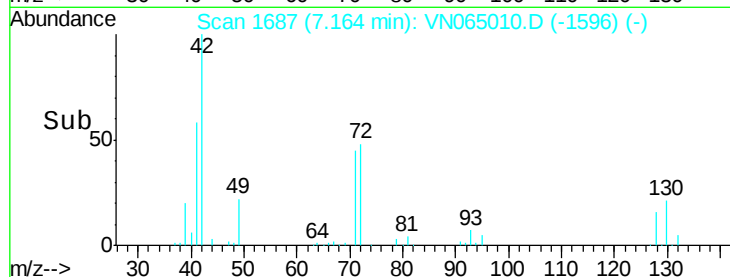
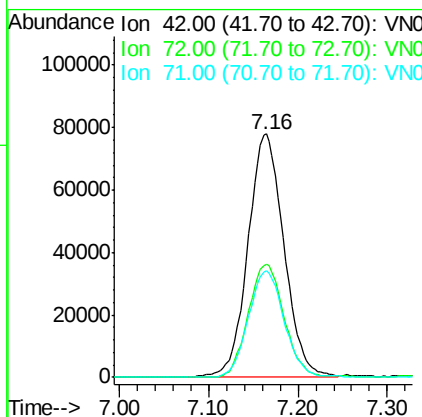
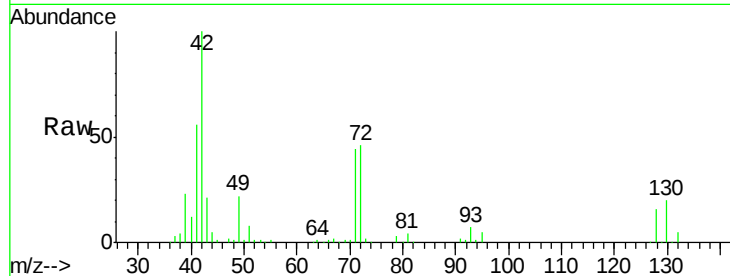
#29
Tetrahydrofuran
Concen: 261.486 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.6	54.8
71	43.2	33.6	50.4

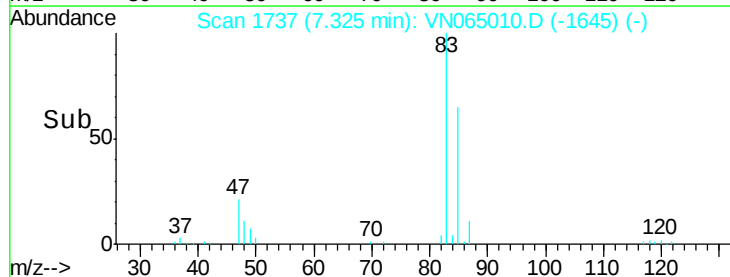
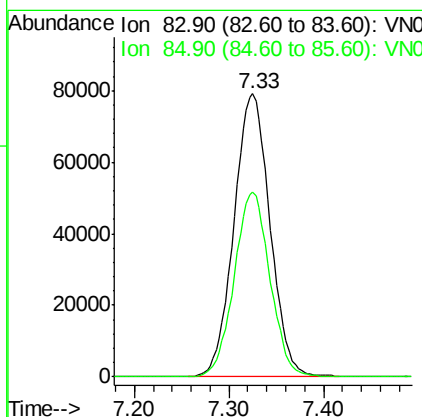
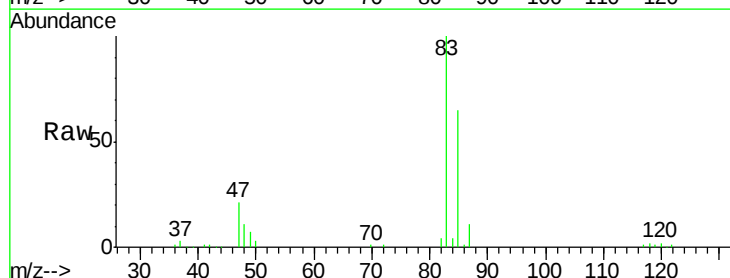
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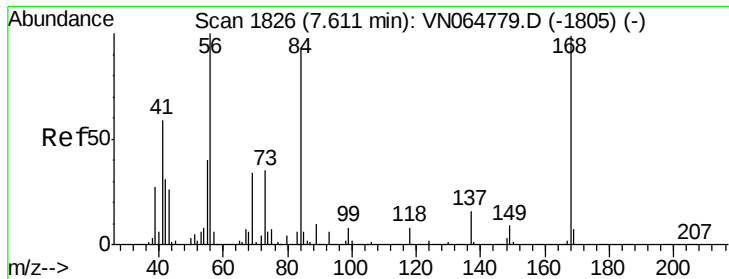
MMDadoda
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#30
Chloroform
Concen: 54.152 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.6	78.8





#31

Cyclohexane

Concen: 48.018 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

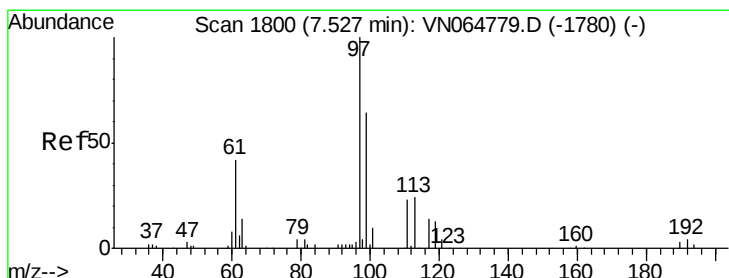
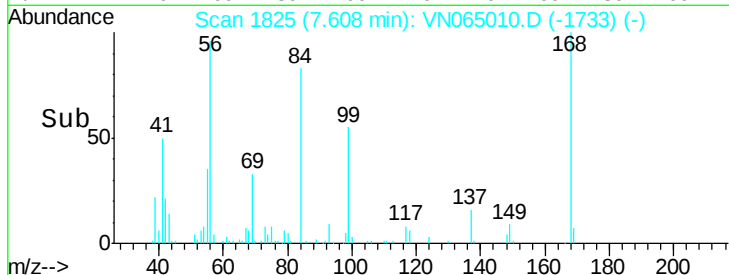
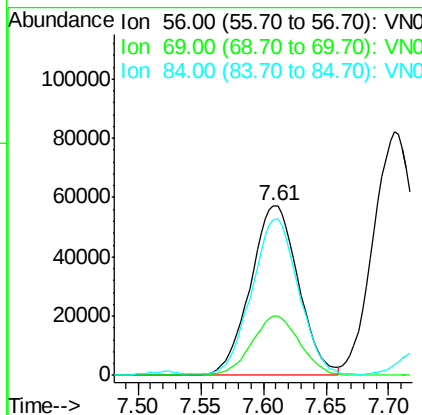
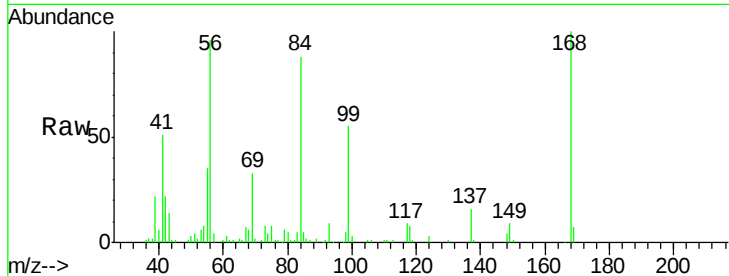
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	152461
Ion Ratio	Lower	Upper	
56	100		
69	35.0	27.5	41.3
84	90.4	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 52.697 ug/l

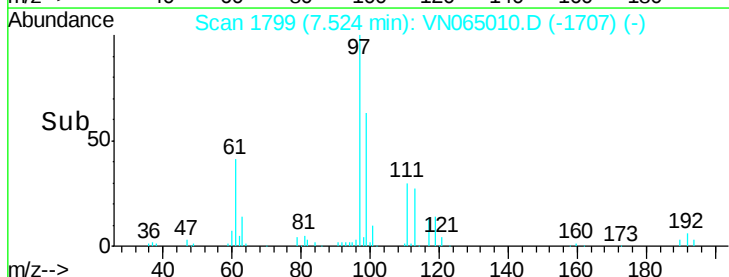
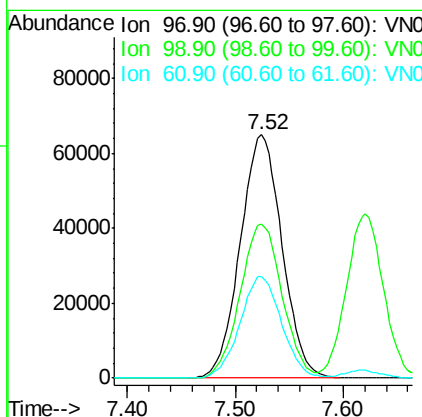
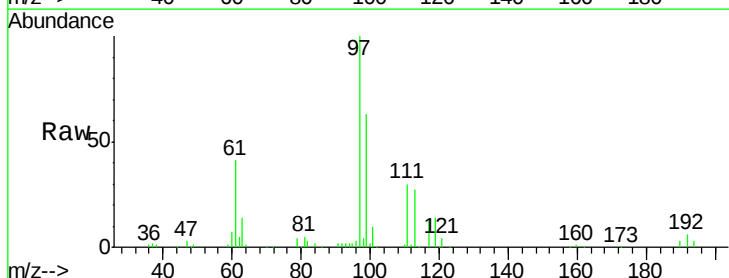
RT: 7.52 min Scan# 1799

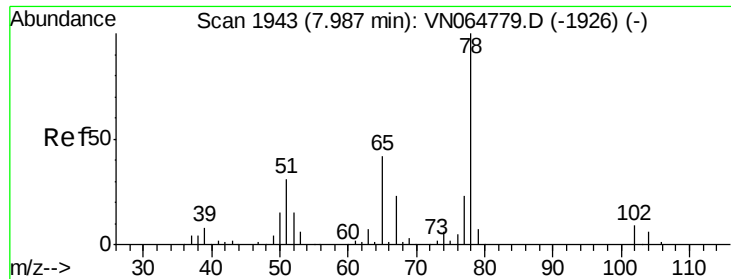
Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion:	97	Resp:	174977
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.7	77.5
61	41.5	33.9	50.9





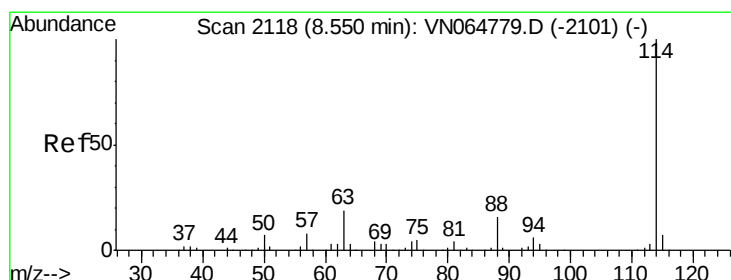
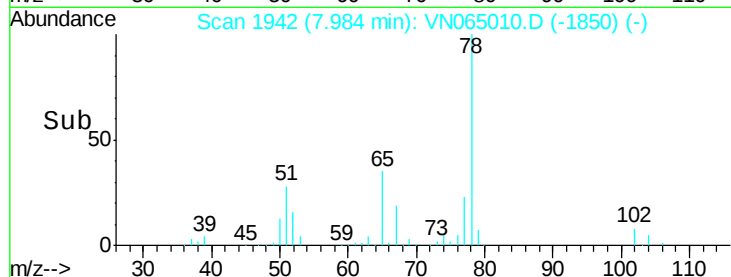
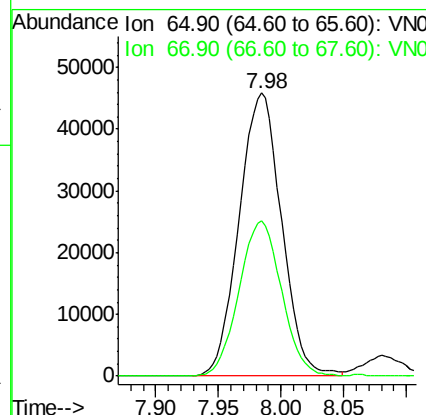
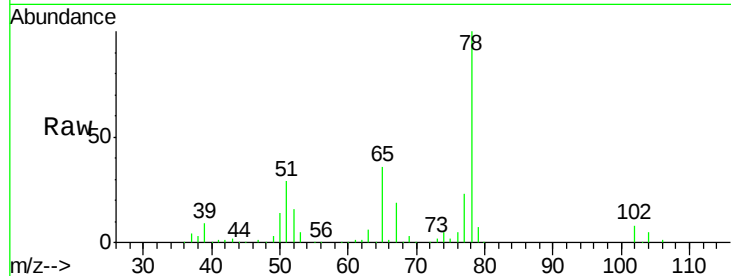
#33
 1,2-Dichloroethane-d4
 Concen: 47.512 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.7	0.0	108.2	

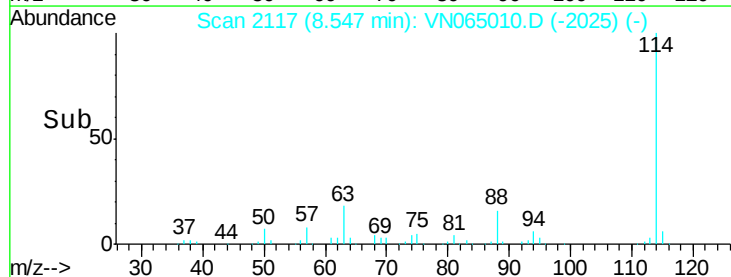
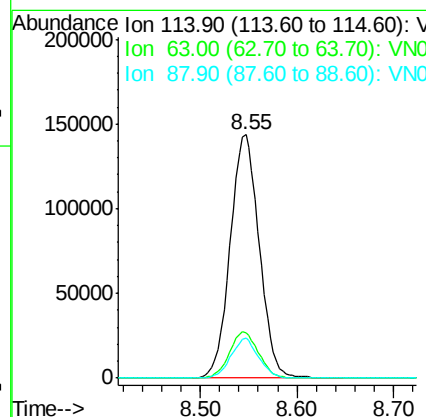
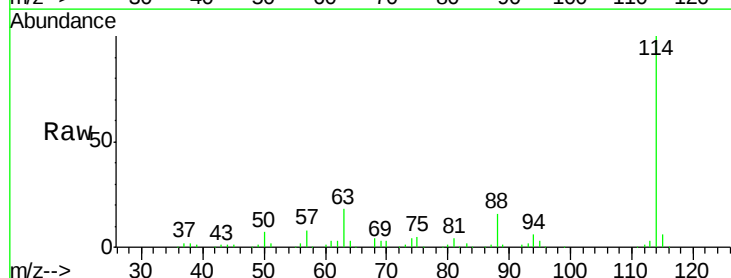
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	38.6	
88	16.4	0.0	32.6	





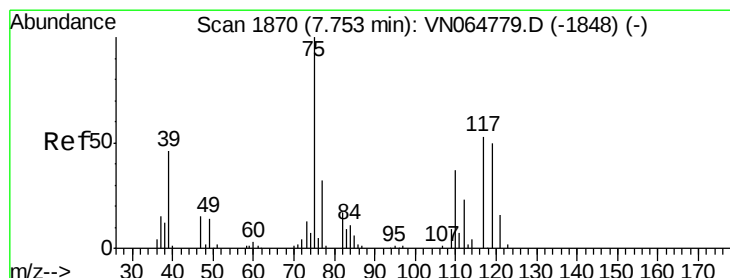
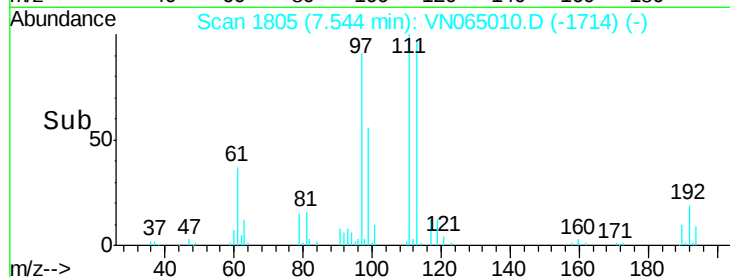
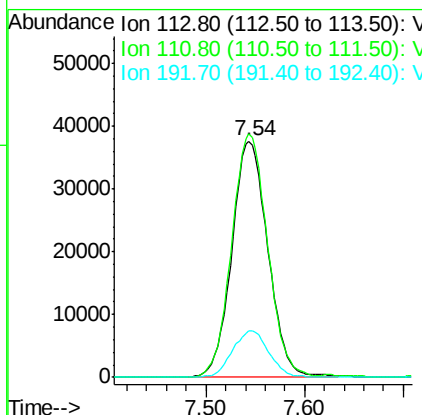
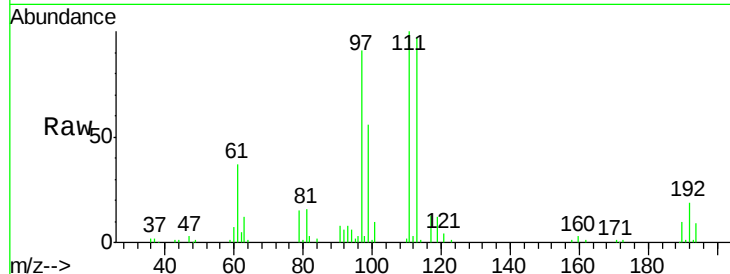
#35
Dibromofluoromethane
Concen: 53.387 ug/l
RT: 7.54 min Scan# 1805
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	19.8	16.2	24.2

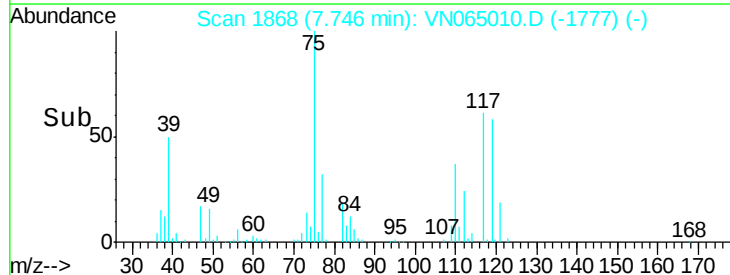
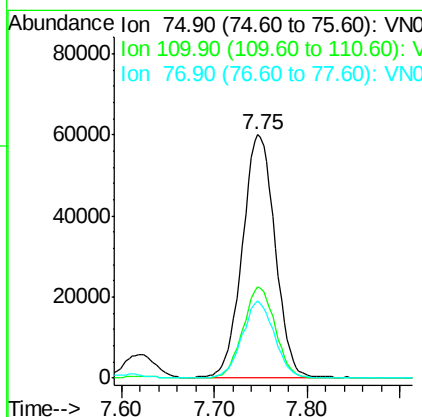
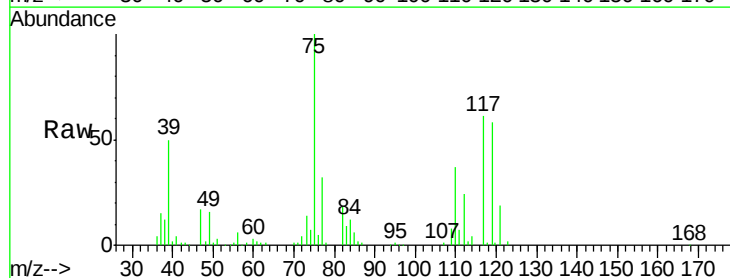
Manual Integrations
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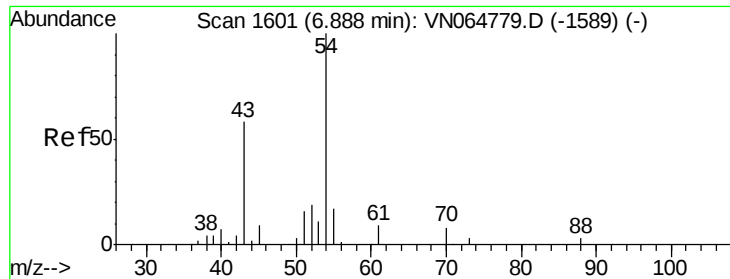
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#36
1,1-Dichloropropene
Concen: 53.068 ug/l
RT: 7.75 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.8	53.3
77	31.1	25.0	37.4





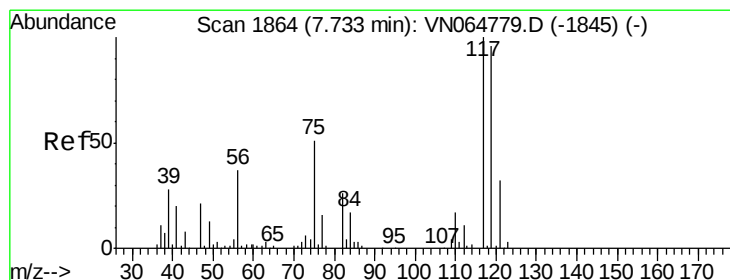
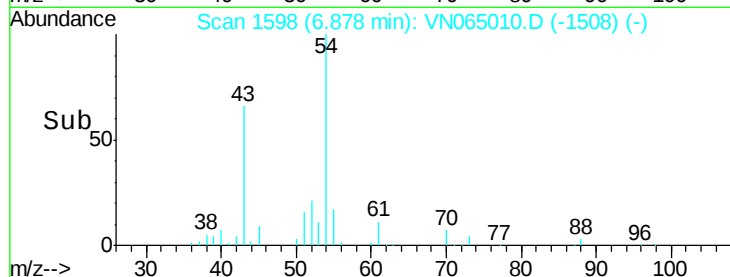
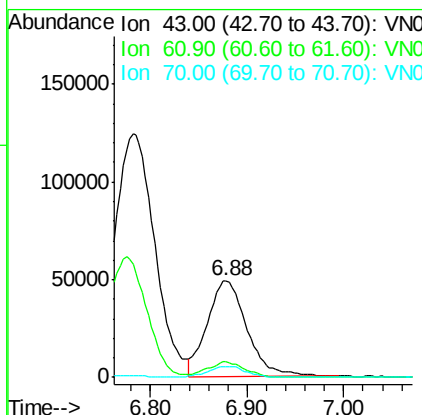
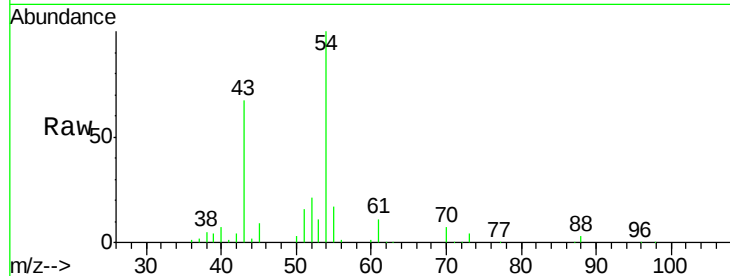
#37
Ethyl Acetate
Concen: 52.163 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	11.1	8.8	13.2

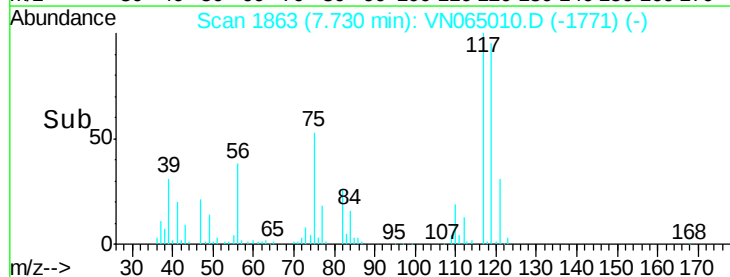
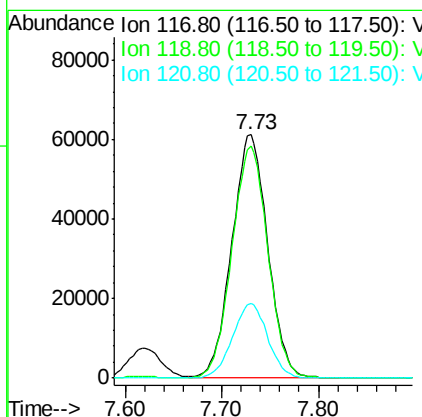
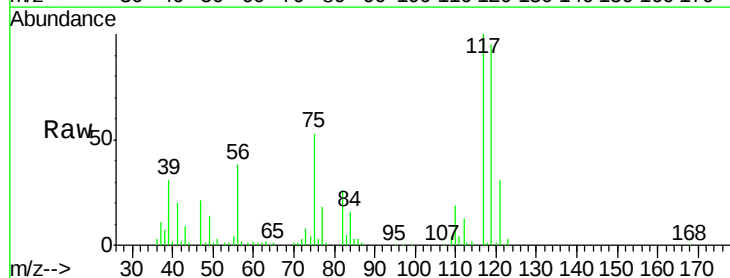
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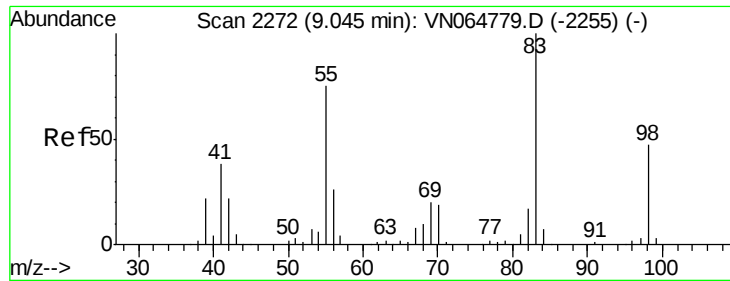
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#38
Carbon Tetrachloride
Concen: 54.557 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.7	115.1
121	30.9	25.4	38.2





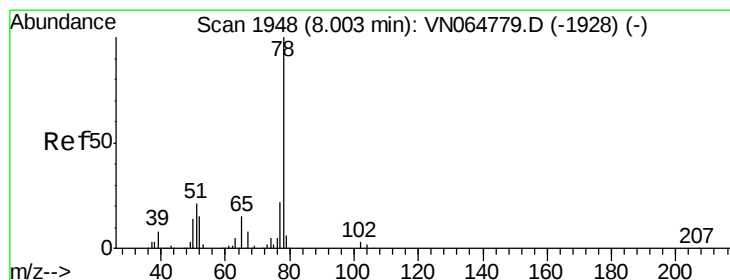
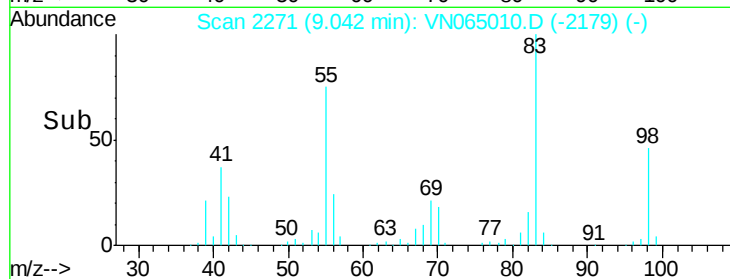
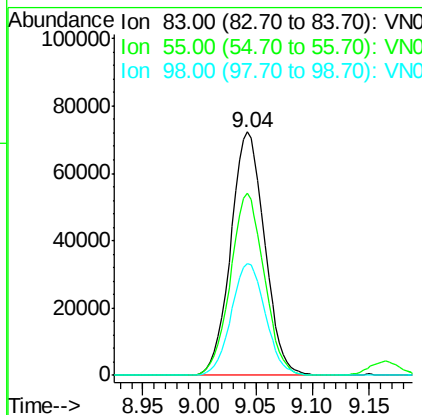
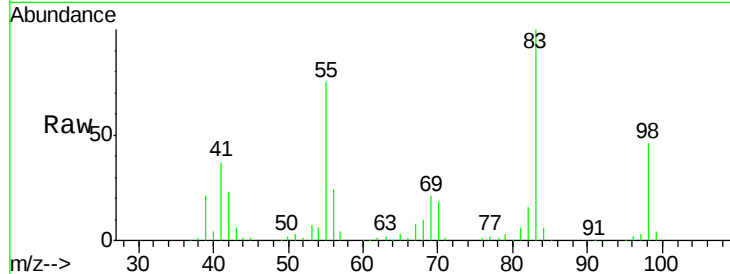
#39
Methvlcvclohexane
Concen: 50.403 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.2	90.2
98	46.0	37.4	56.2

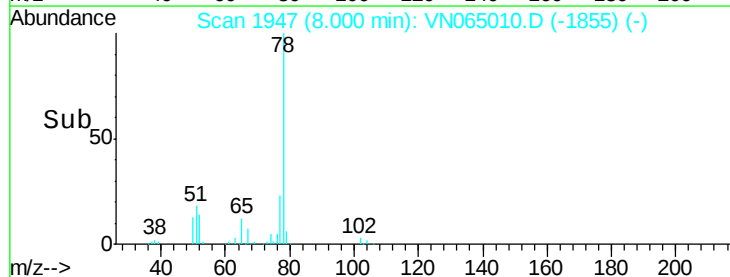
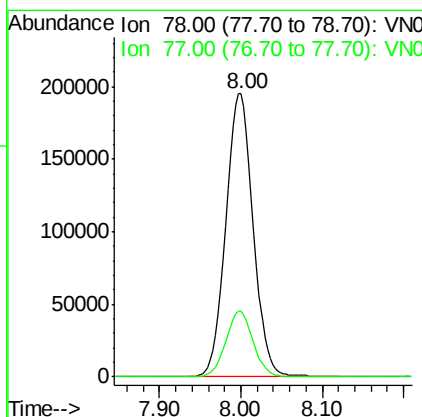
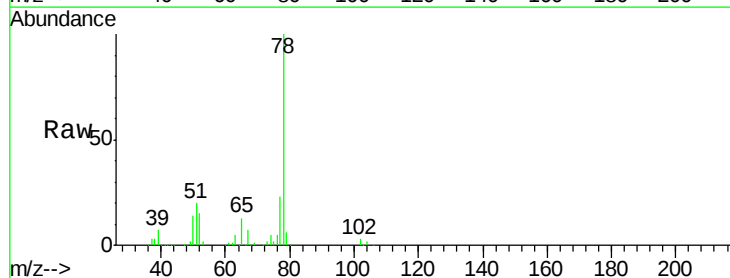
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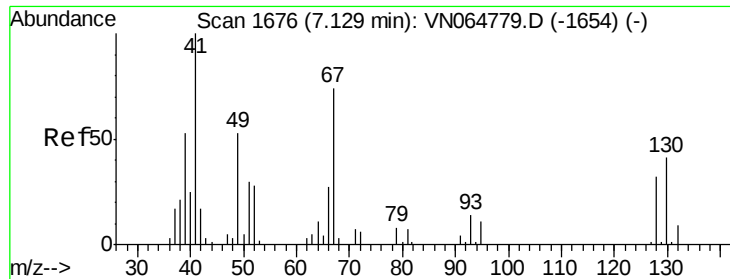
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#40
Benzene
Concen: 54.007 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.9	26.9





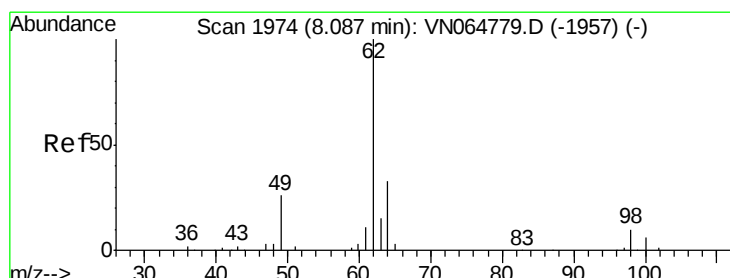
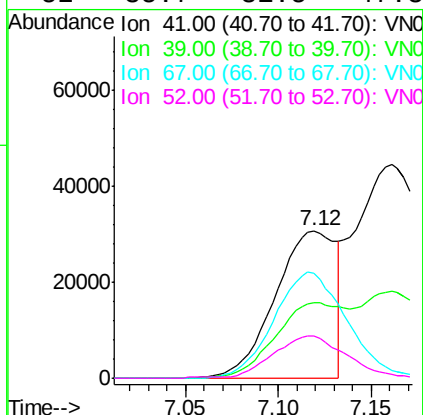
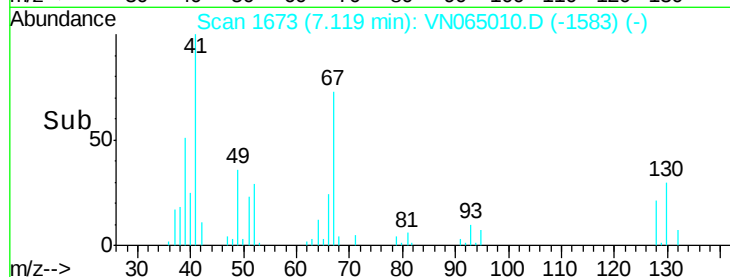
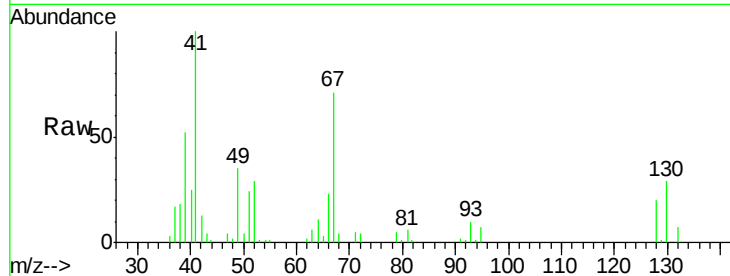
#41
Methacrylonitrile
Concen: 56.566 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	69833
Ion	Ratio	Lower	Upper
41	100		
39	59.4	51.0	76.6
67	86.6	79.8	119.8
52	35.7	31.5	47.3

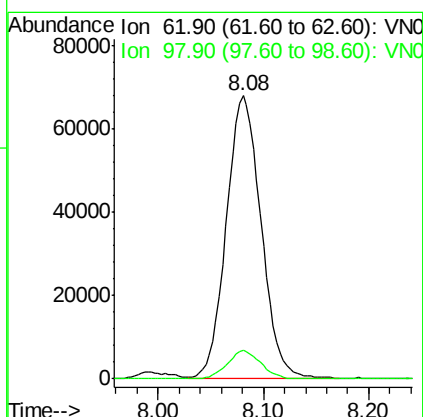
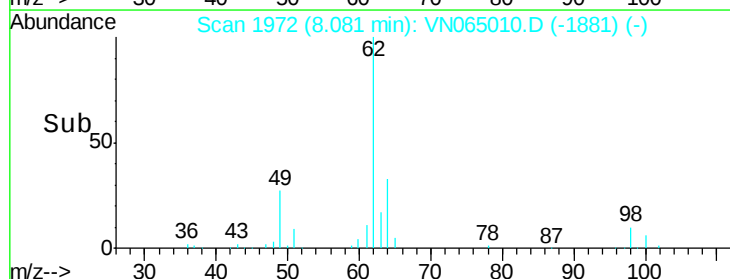
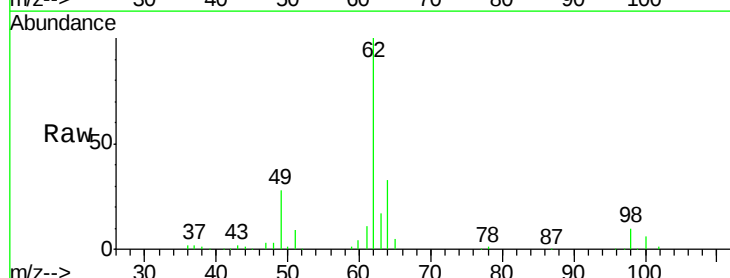
Manual Integrations
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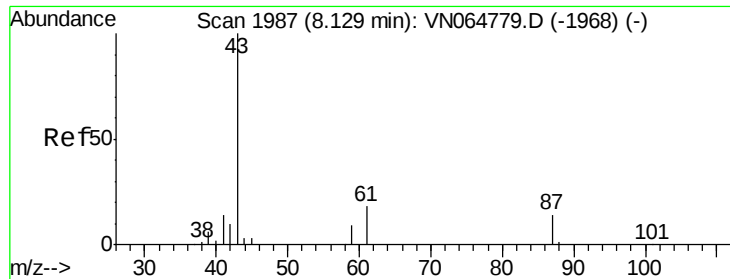
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#42
1,2-Dichloroethane
Concen: 53.737 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	62	Resp	154293
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6





#43

Isopropyl Acetate

Concen: 54.859 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

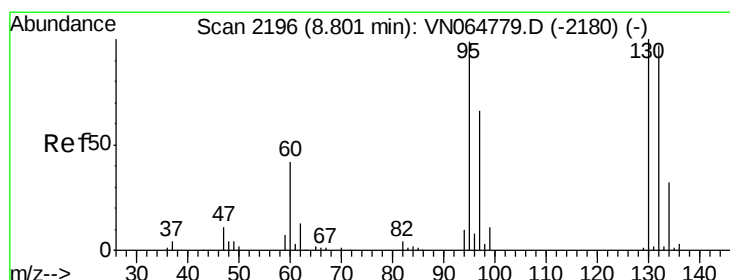
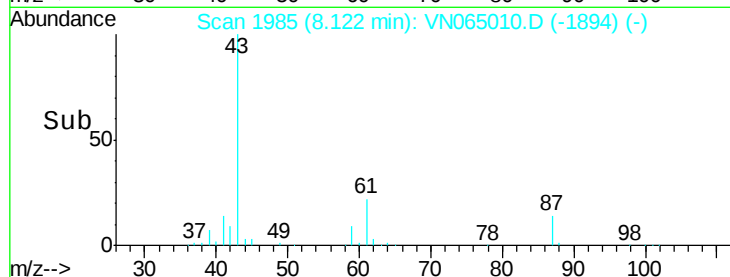
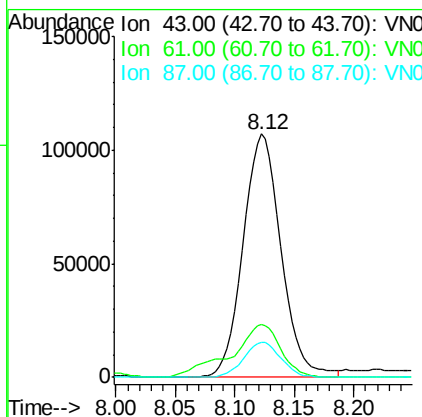
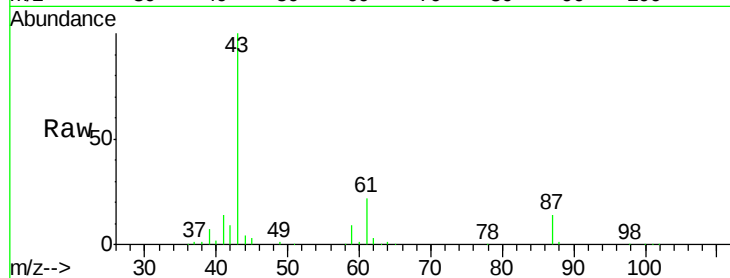
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	236181
Ion Ratio	Lower	Upper	
43	100		
61	28.0	17.2	25.8#
87	14.2	11.4	17.0

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#44

Trichloroethene

Concen: 50.614 ug/l

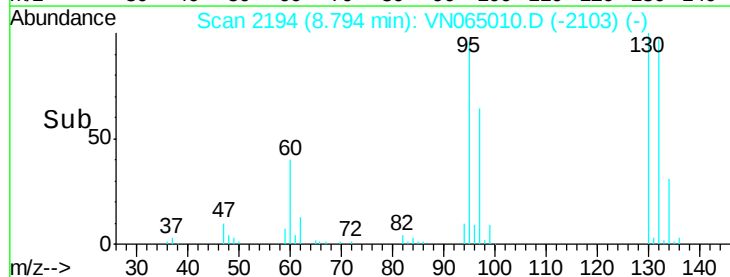
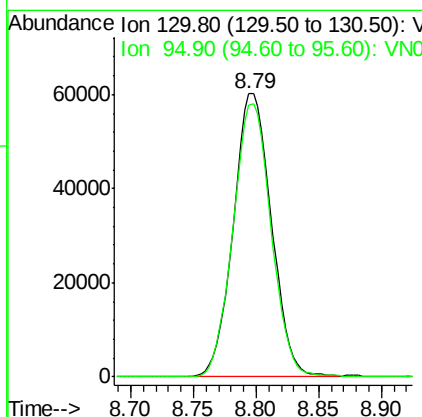
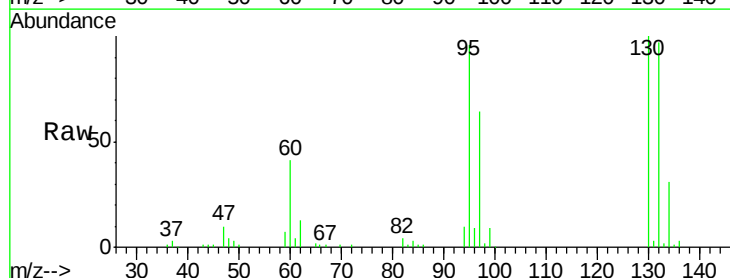
RT: 8.79 min Scan# 2194

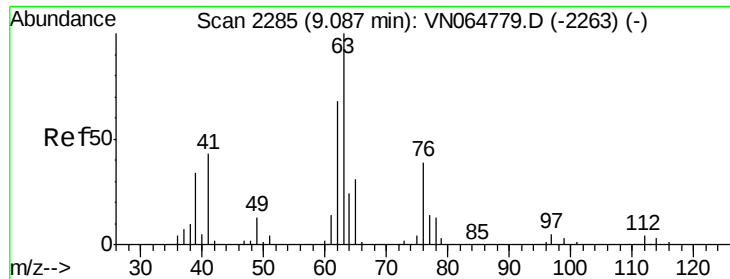
Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion:	130	Resp:	127108
Ion Ratio	Lower	Upper	
130	100		
95	96.2	0.0	197.8





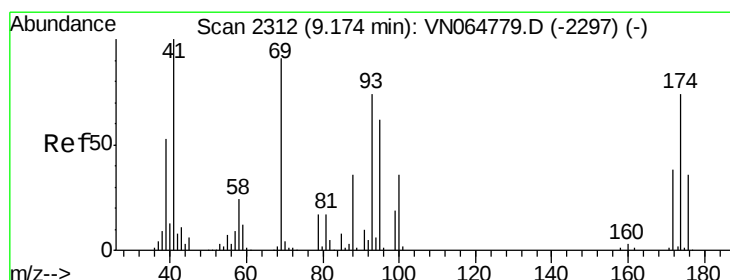
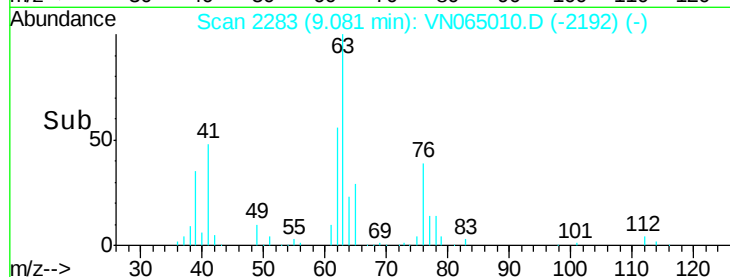
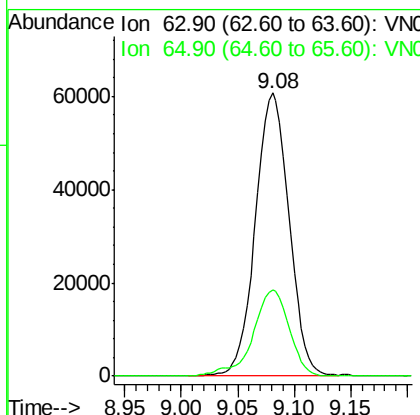
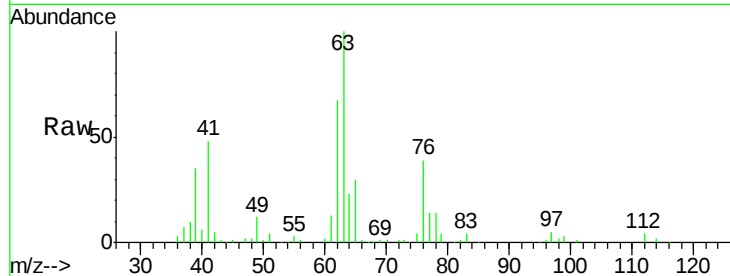
#45
 1,2-Dichloropropane
 Concen: 57.140 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 125947
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.4

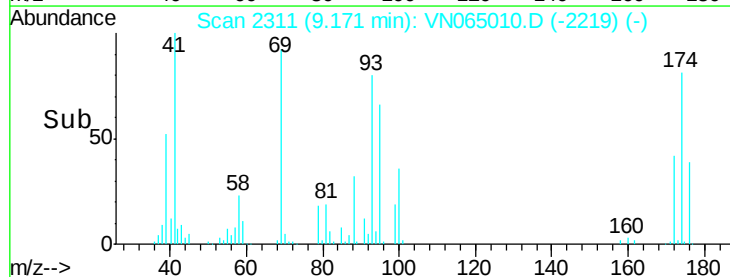
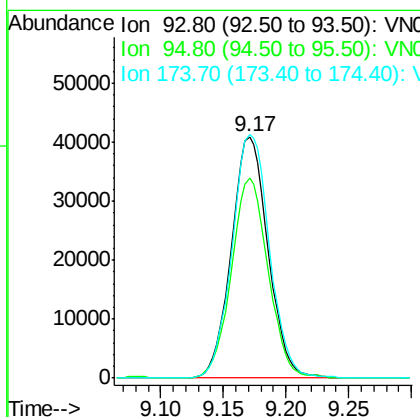
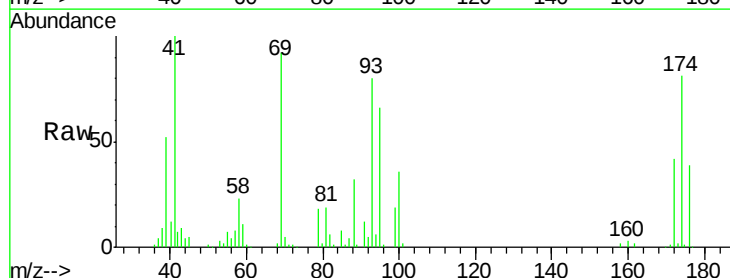
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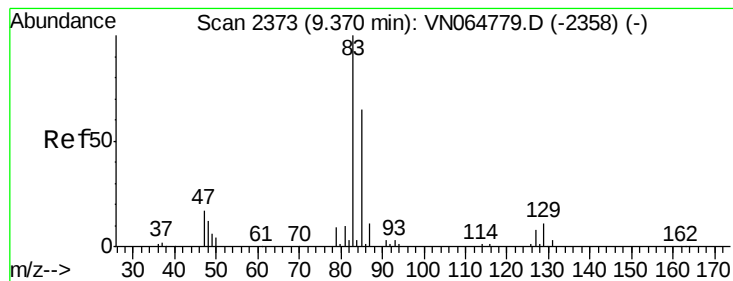
MMDadoda
 12/10/2020 9:14:16 AM



#46
 Dibromomethane
 Concen: 56.517 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion: 93 Resp: 83224
 Ion Ratio Lower Upper
 93 100
 95 83.0 68.8 103.2
 174 102.9 83.1 124.7





#47

Bromodichloromethane

Concen: 56.963 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 168778

Ion Ratio Lower Upper

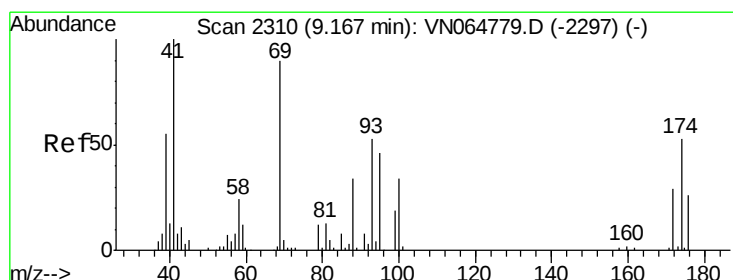
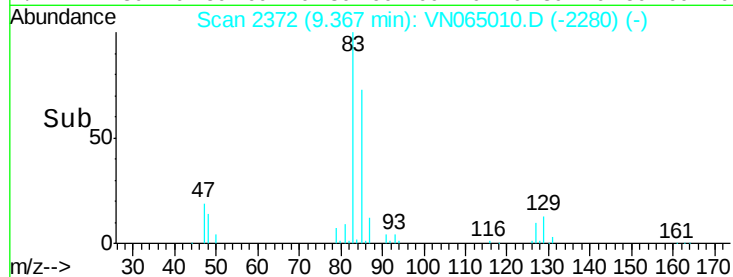
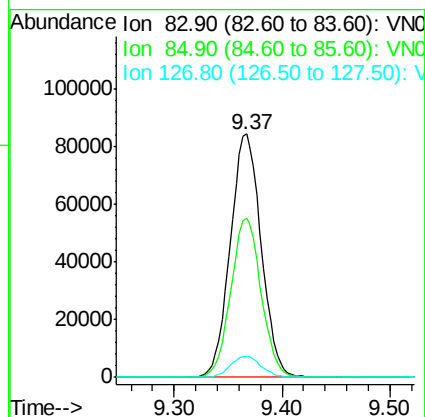
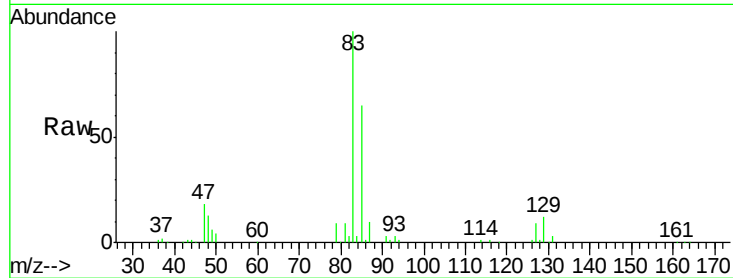
83 100

85 65.2 51.8 77.8

127 8.8 6.8 10.2

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#48

Methyl methacrylate

Concen: 55.339 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

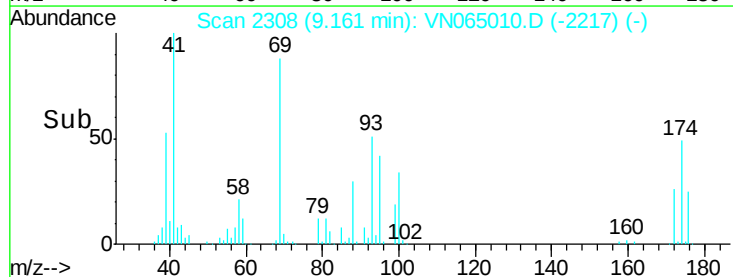
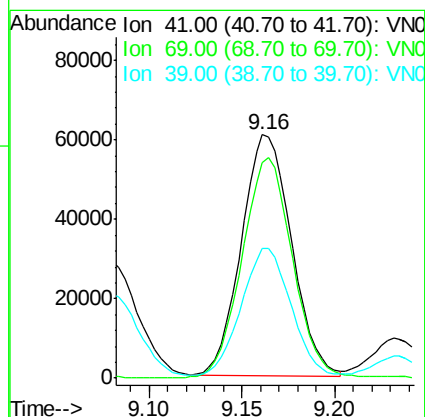
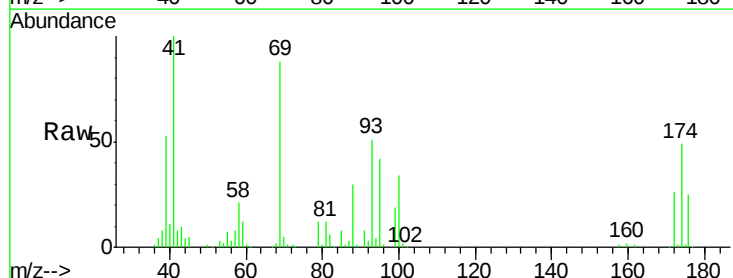
Tgt Ion: 41 Resp: 113843

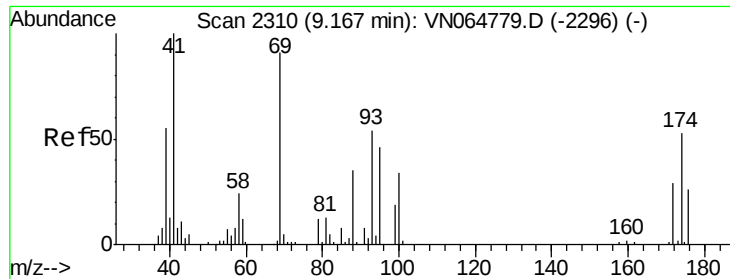
Ion Ratio Lower Upper

41 100

69 92.8 71.8 107.8

39 54.1 44.1 66.1





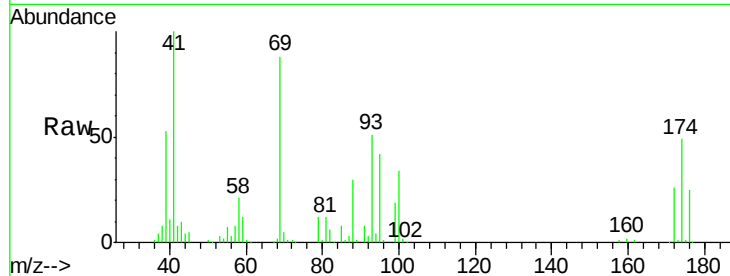
#49
1,4-Dioxane
Concen: 1026.627 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

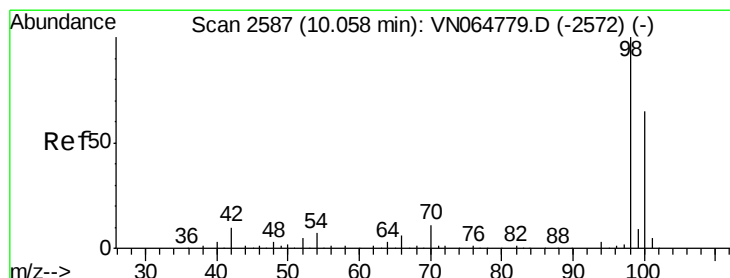
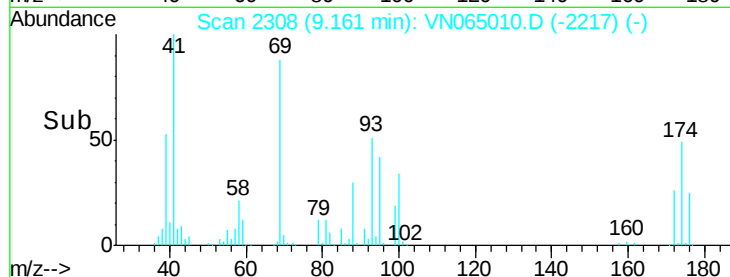
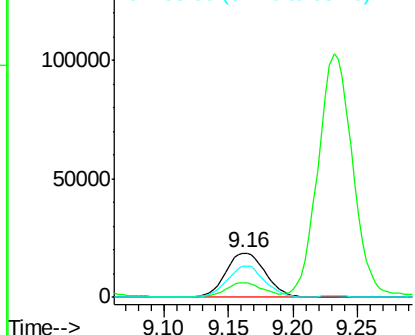
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	24.2	36.4
58	66.5	52.5	78.7

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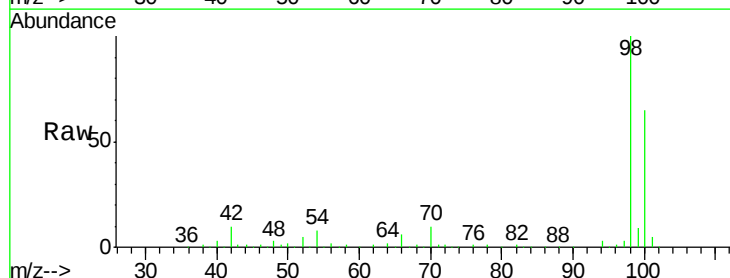


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

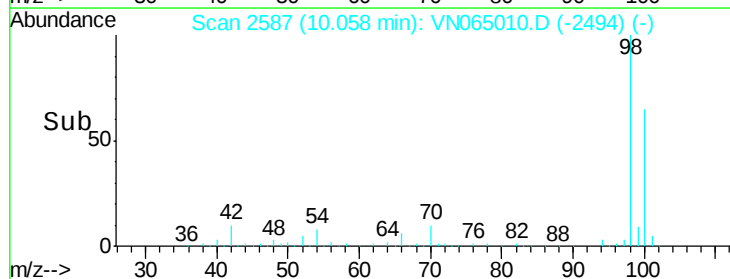
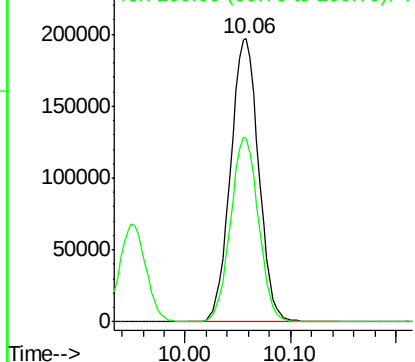


#50
Toluene-d8
Concen: 49.460 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 277.275 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 716660

Ion Ratio Lower Upper

43 100

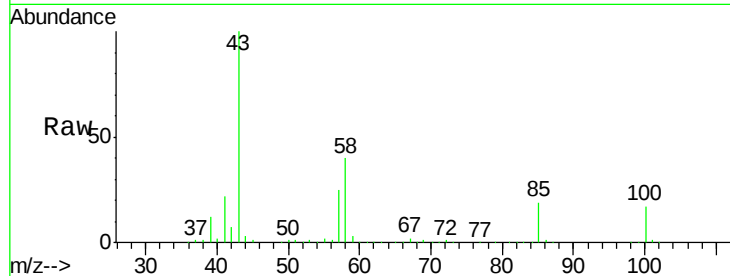
58 40.5 32.4 48.6

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Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

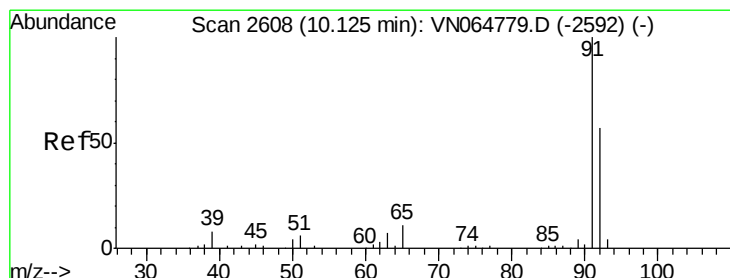
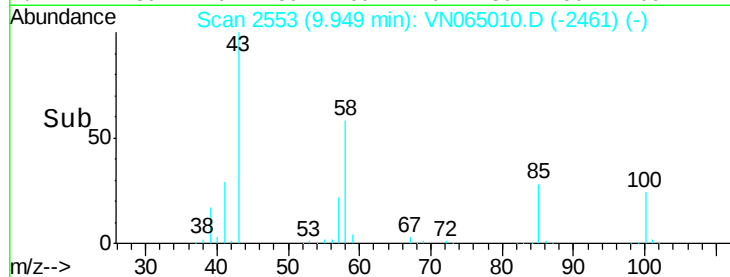
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 55.601 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN065010.D

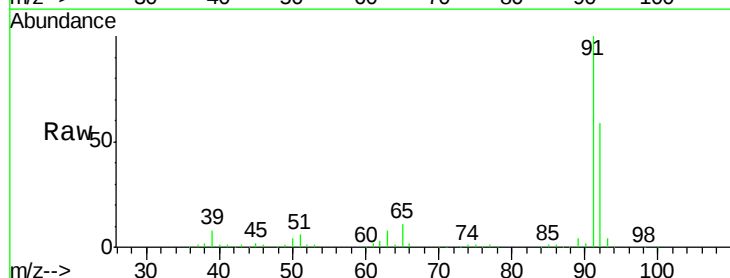
Acq: 9 Dec 2020 10:32

Tgt Ion: 92 Resp: 291444

Ion Ratio Lower Upper

92 100

91 171.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

300000

250000

200000

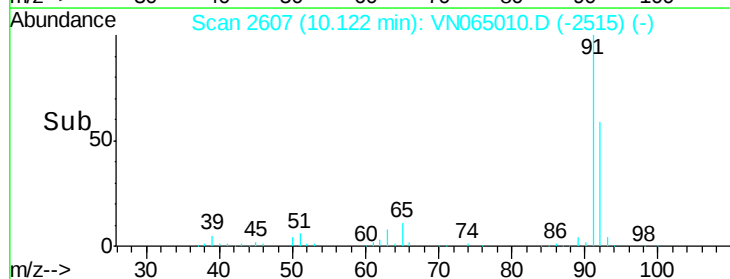
150000

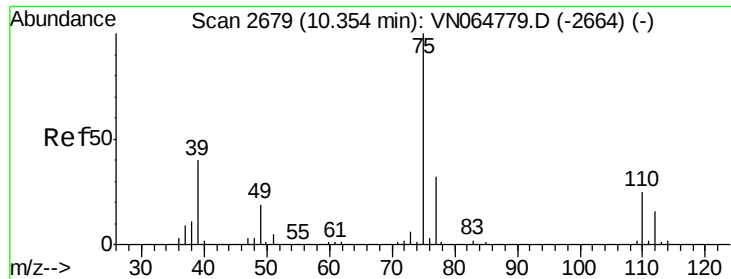
100000

50000

0

Time-->





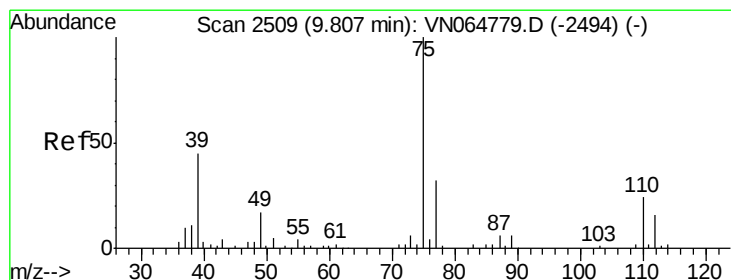
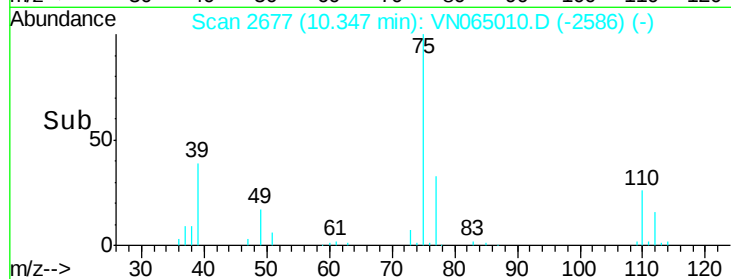
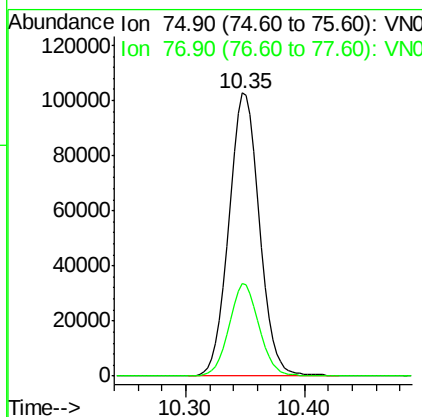
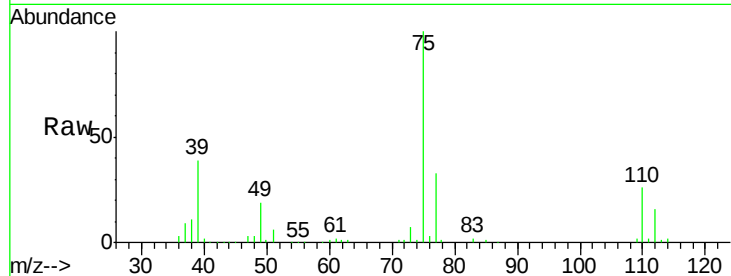
#53
t-1,3-Dichloropropene
Concen: 55.532 ug/l
RT: 10.35 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 183262
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6

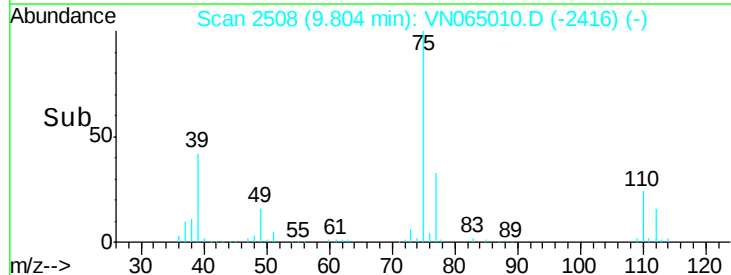
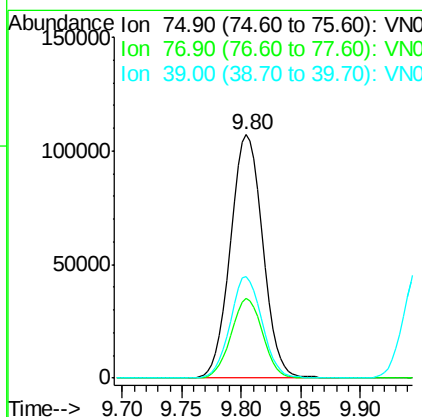
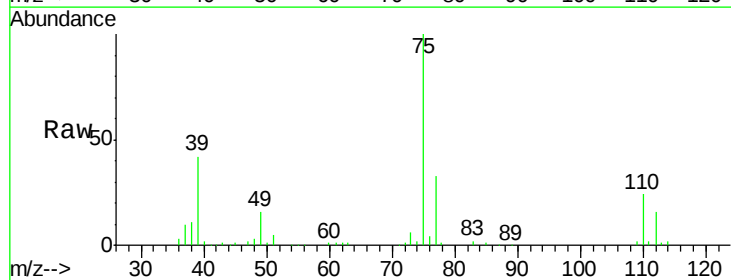
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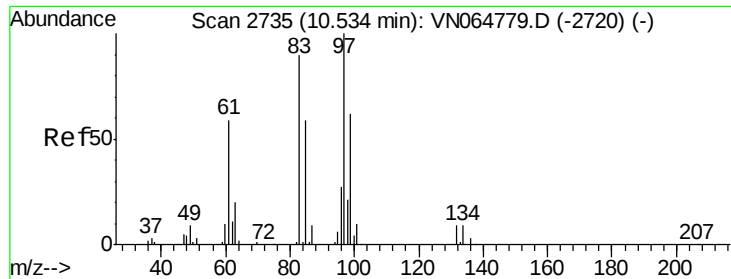
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#54
cis-1,3-Dichloropropene
Concen: 57.168 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 75 Resp: 202218
Ion Ratio Lower Upper
75 100
77 33.0 25.5 38.3
39 41.7 35.6 53.4





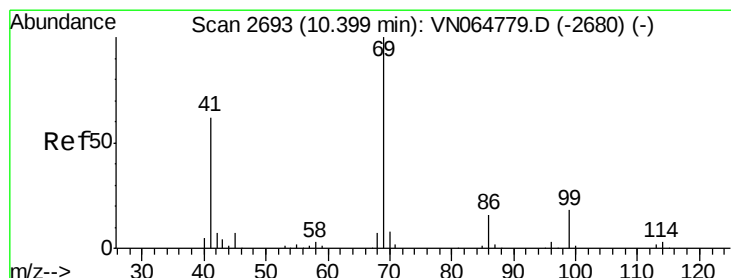
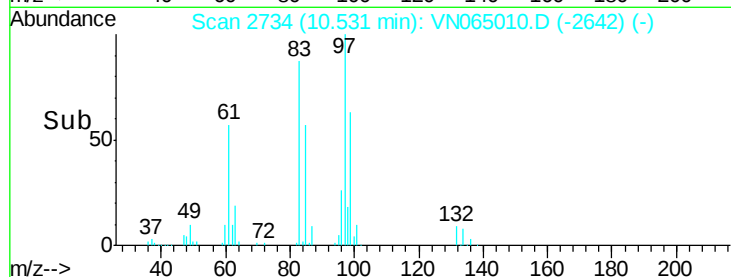
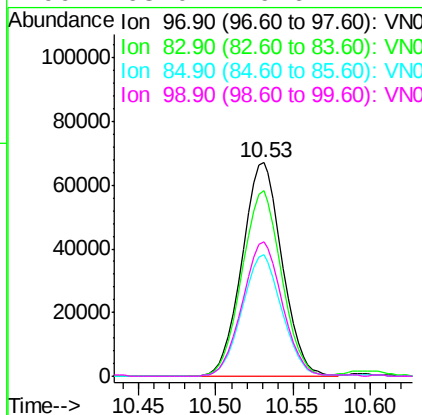
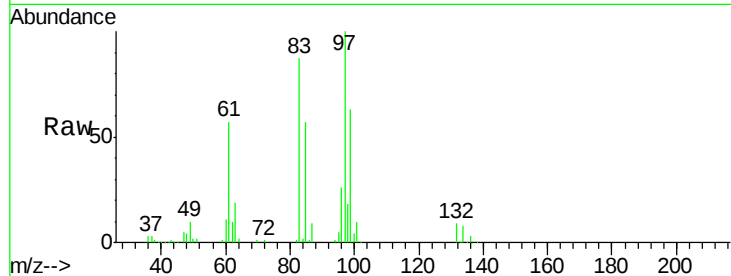
#55
 1,1,2-Trichloroethane
 Concen: 56.026 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	120761
Ion	Ratio	Lower	Upper
97	100		
83	86.7	72.1	108.1
85	56.8	46.8	70.2
99	63.0	49.6	74.4

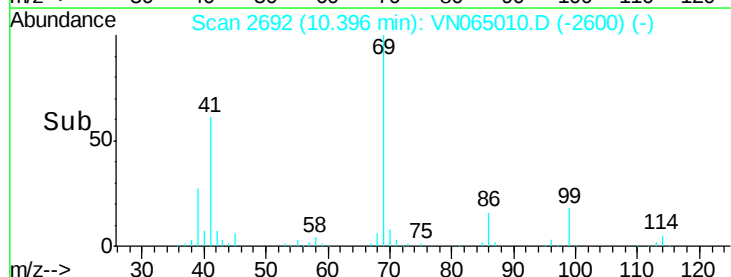
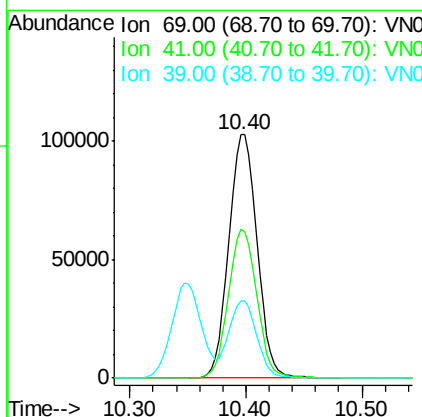
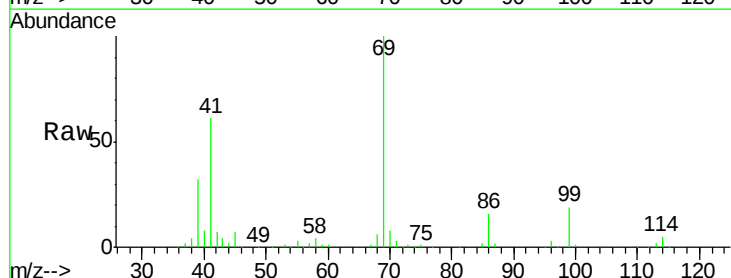
Manual Integrations
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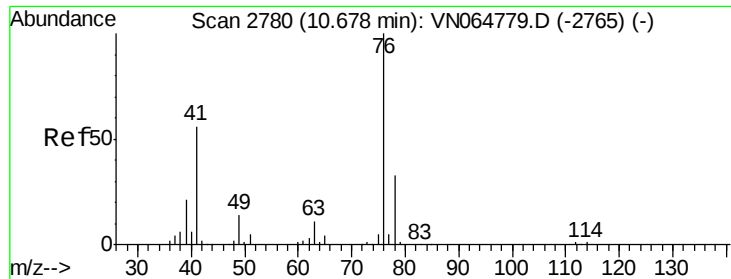
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#56
 Ethyl methacrylate
 Concen: 58.297 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion:	69	Resp:	173398
Ion	Ratio	Lower	Upper
69	100		
41	60.6	49.4	74.0
39	31.5	25.9	38.9





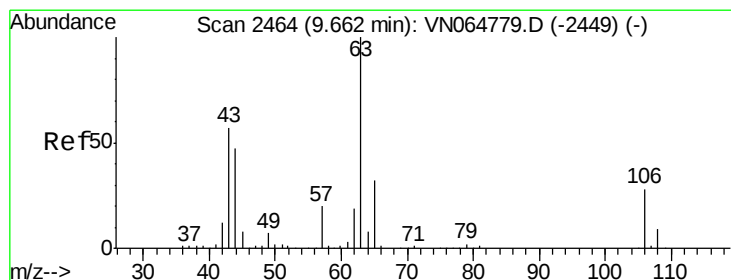
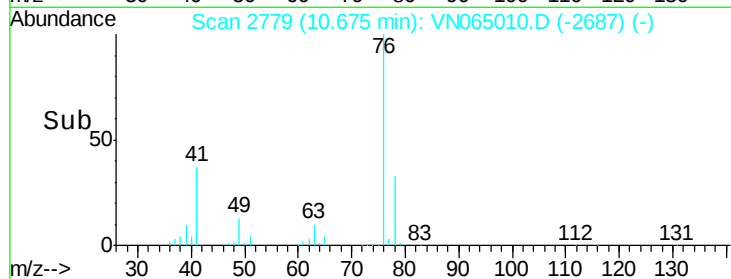
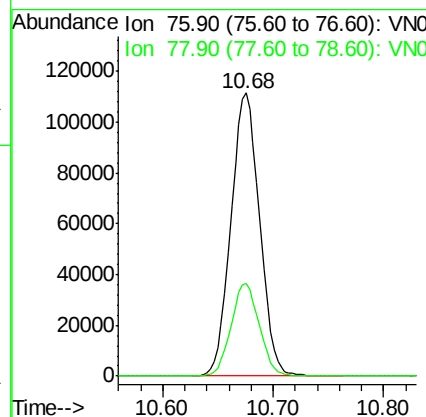
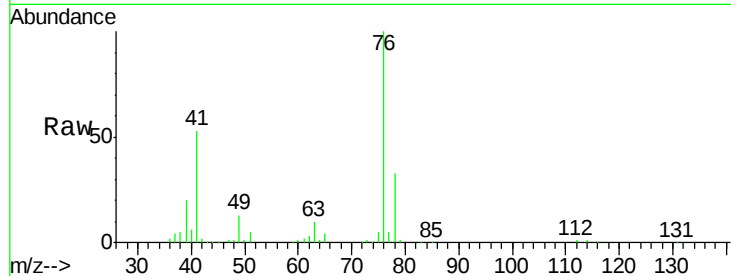
#57
 1,3-Dichloropropane
 Concen: 56.427 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1

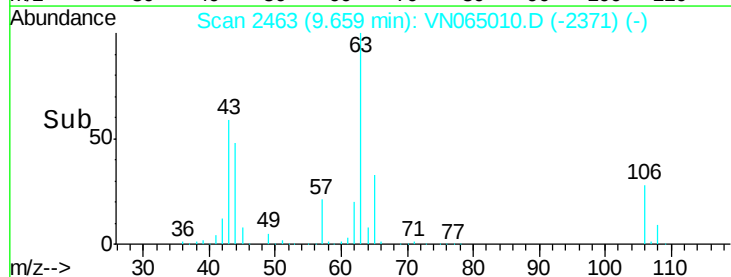
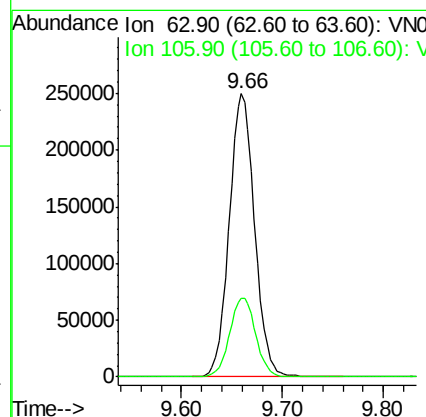
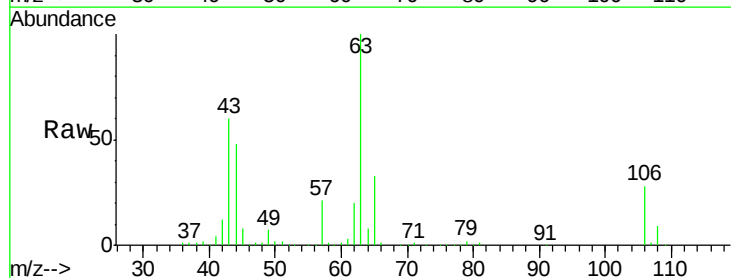
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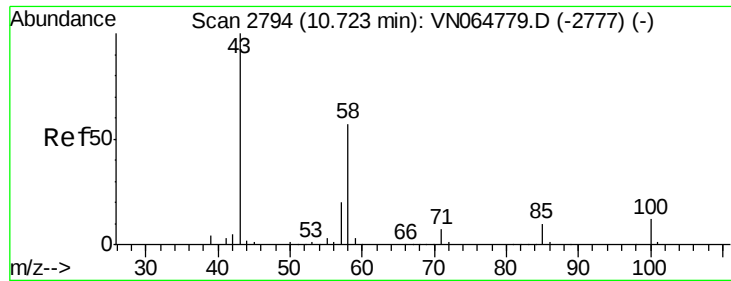
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.663 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	22.7	34.1





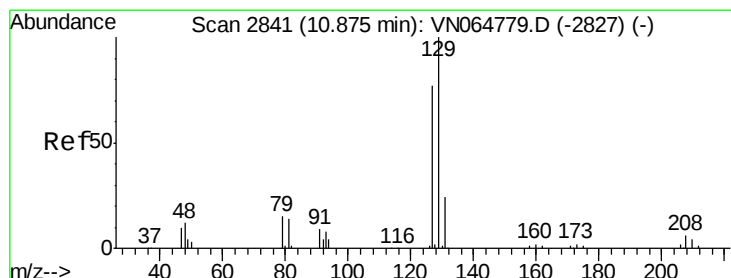
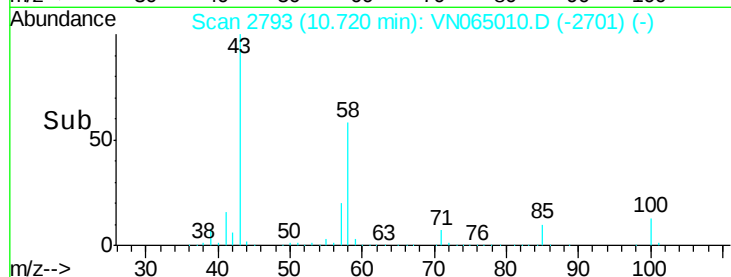
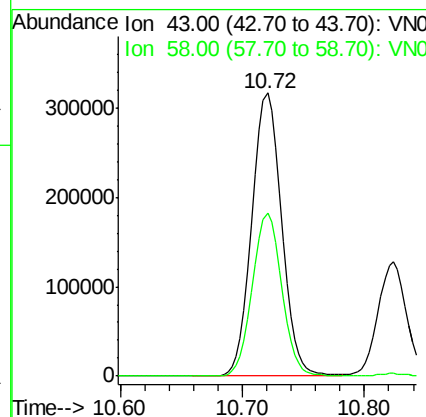
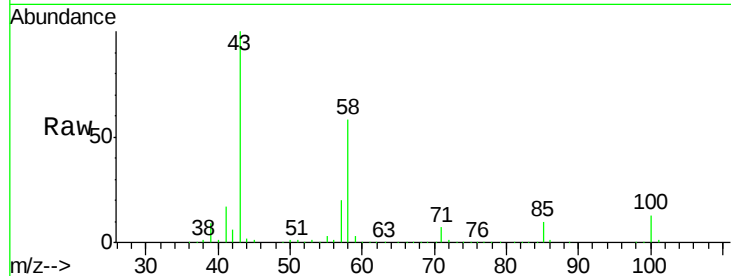
#59
2-Hexanone
Concen: 285.770 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 531571
Ion Ratio Lower Upper
43 100
58 57.0 28.3 84.9

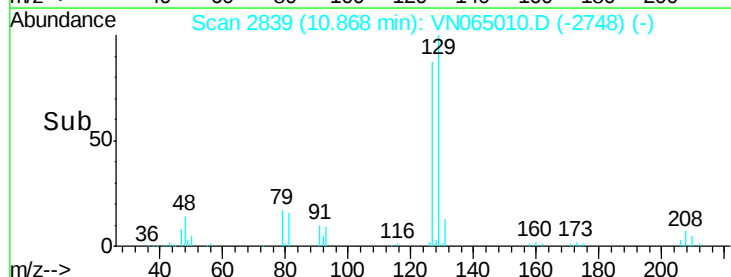
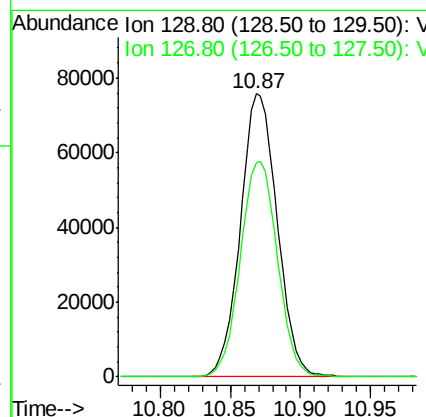
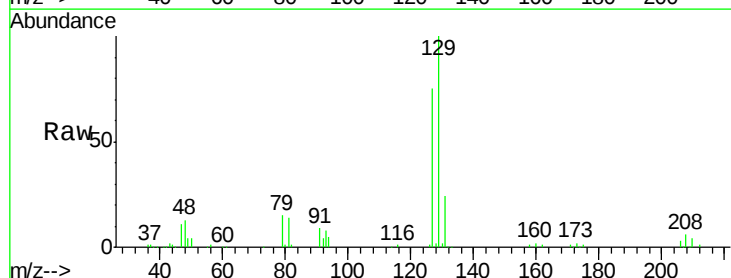
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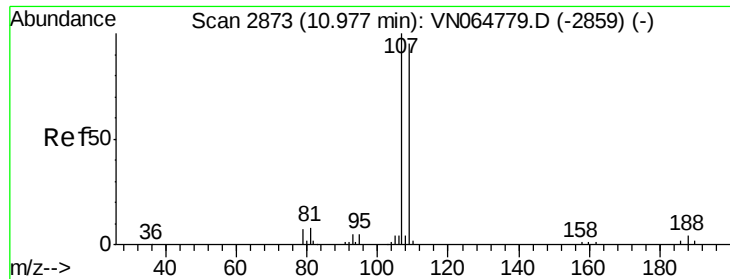
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#60
Dibromochloromethane
Concen: 57.851 ug/l
RT: 10.87 min Scan# 2839
Delta R.T. -0.01 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 129 Resp: 138608
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





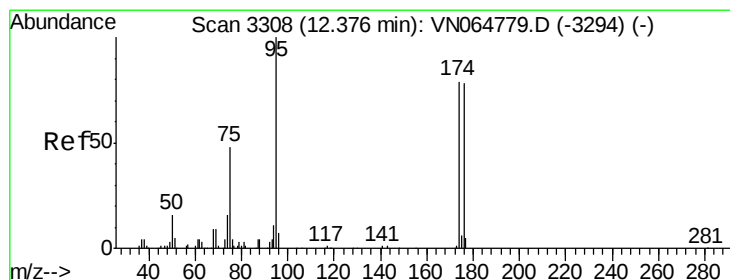
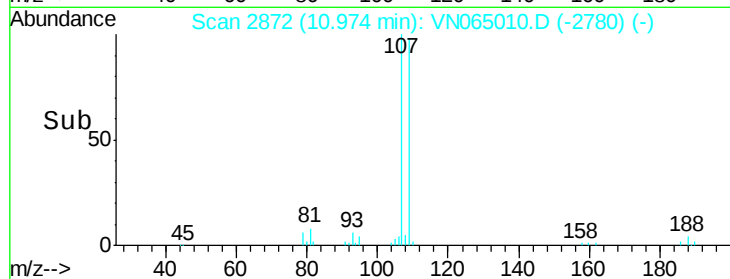
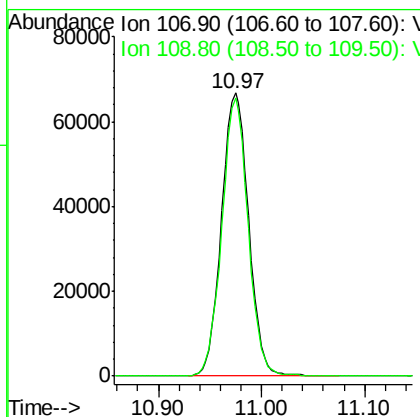
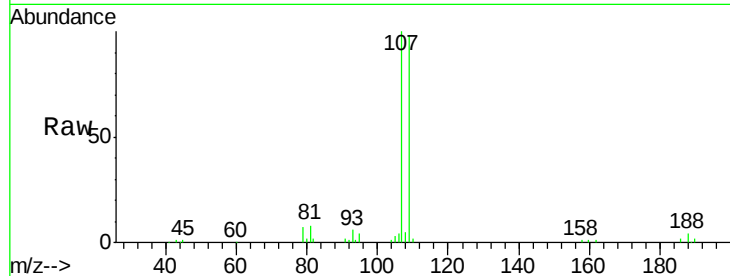
#61
 1,2-Dibromoethane
 Concen: 55.982 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	122592		
109	94.8	76.0	114.0	

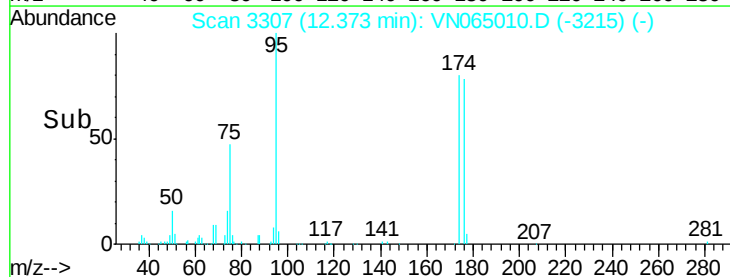
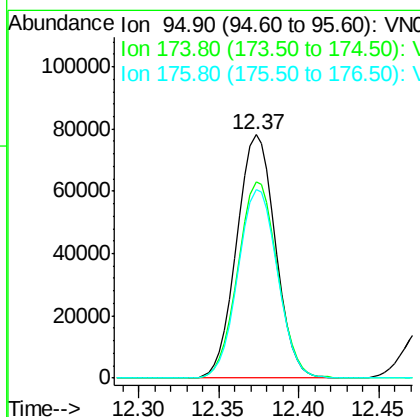
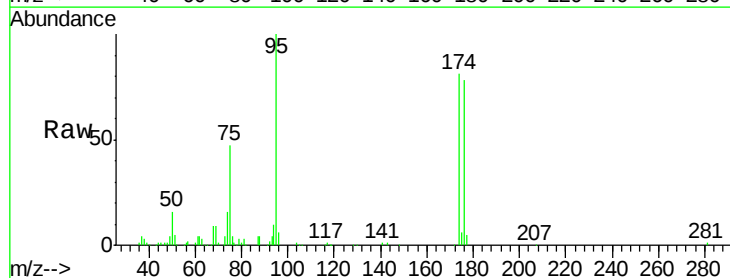
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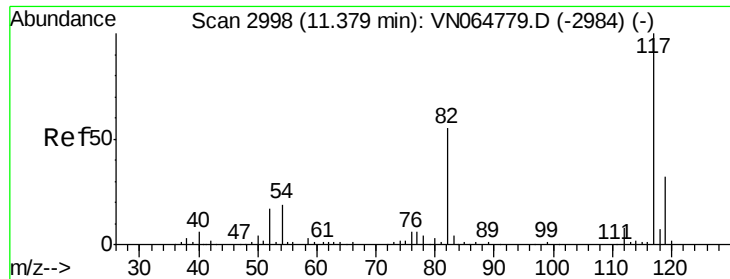
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 12/10/2020 9:14:16 AM



#62
 4-Bromofluorobenzene
 Concen: 49.158 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	128891		
174	82.5	0.0	160.4	
176	79.4	0.0	158.4	





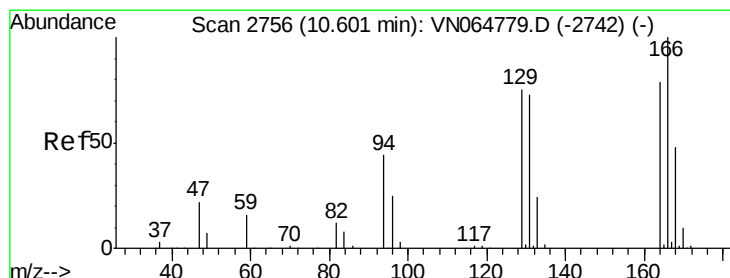
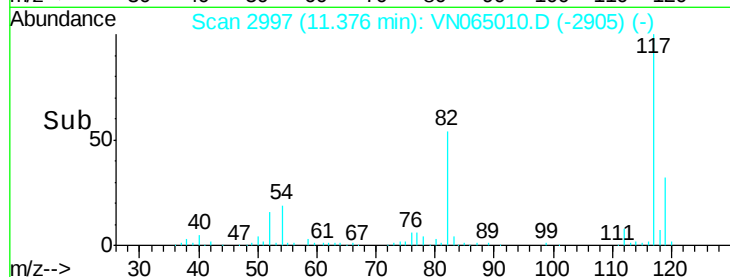
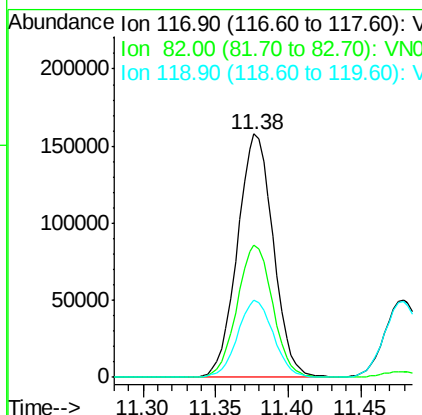
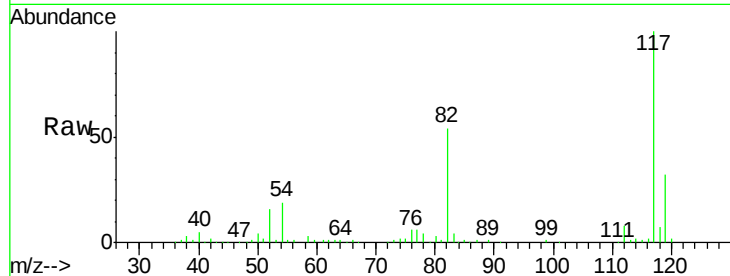
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.2	66.2
119	31.7	25.8	38.6

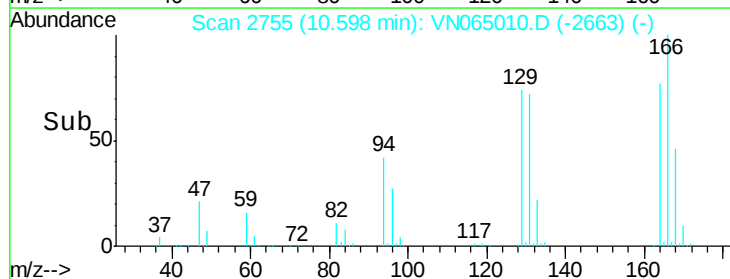
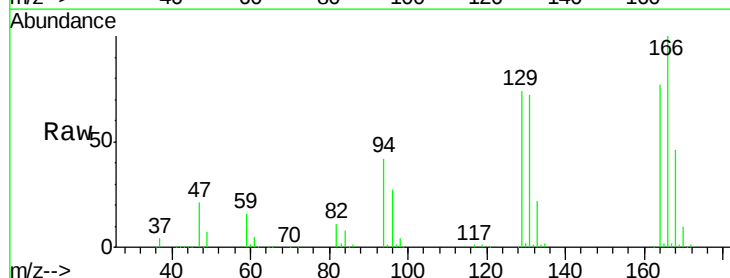
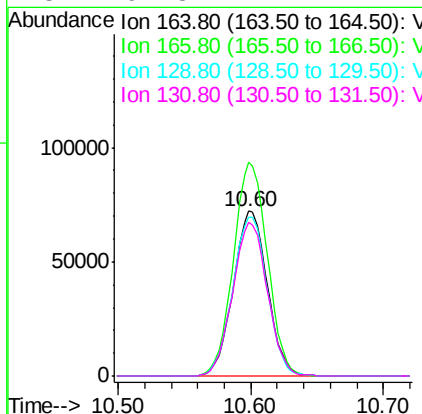
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#64
Tetrachloroethene
Concen: 48.752 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.4	152.0
129	95.8	76.1	114.1
131	92.8	74.2	111.2





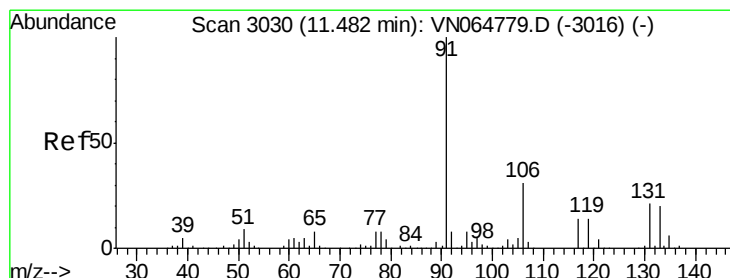
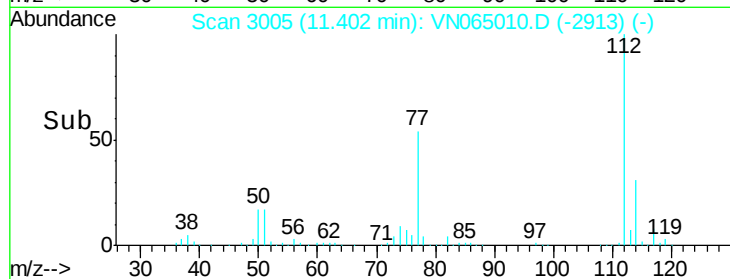
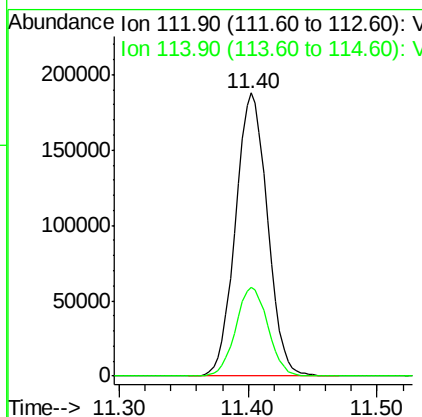
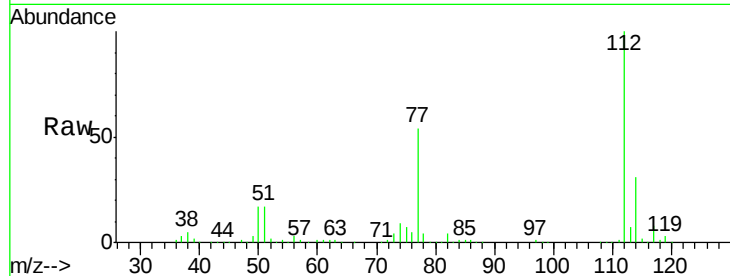
#65
Chlorobenzene
Concen: 55.687 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 324114
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

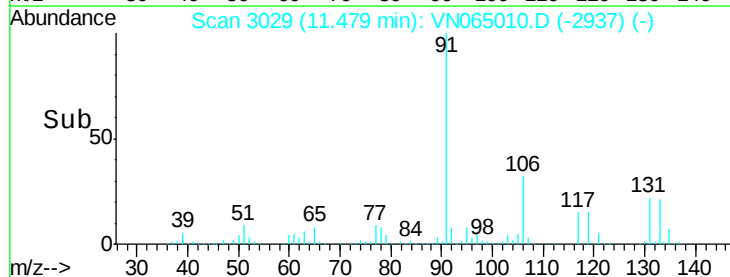
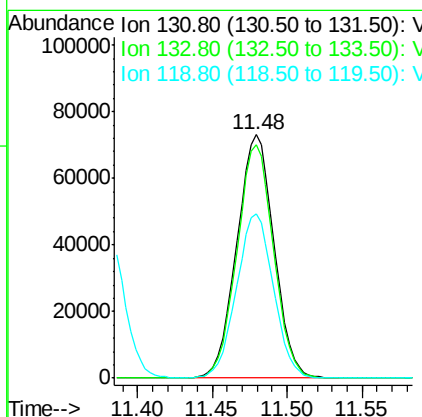
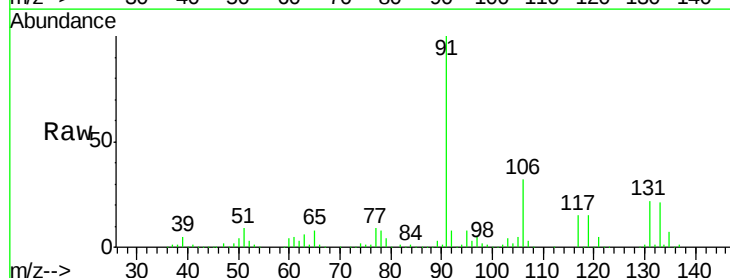
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.120 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion:131 Resp: 126456
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.5
119 67.0 33.3 99.8





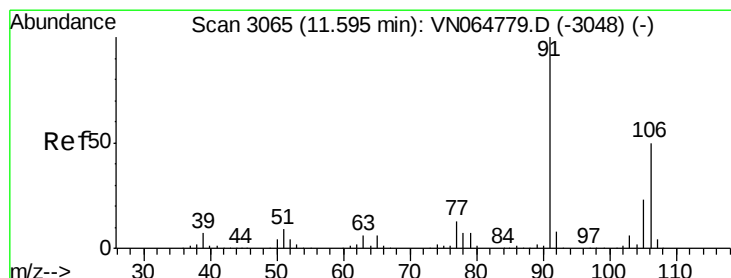
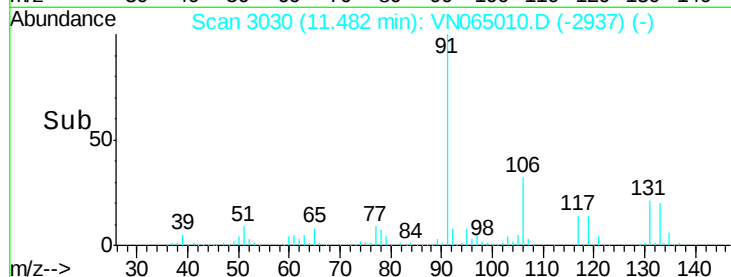
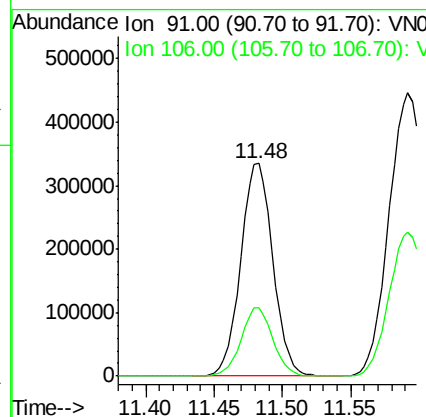
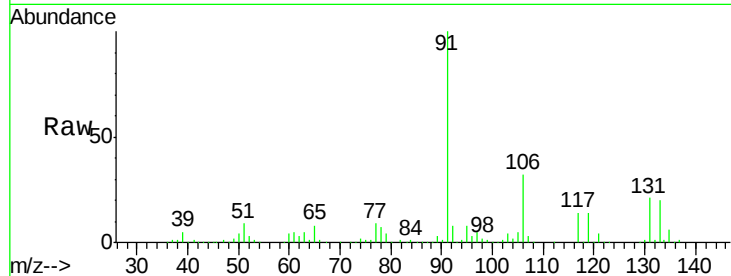
#67
Ethyl Benzene
Concen: 56.468 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 549054
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8

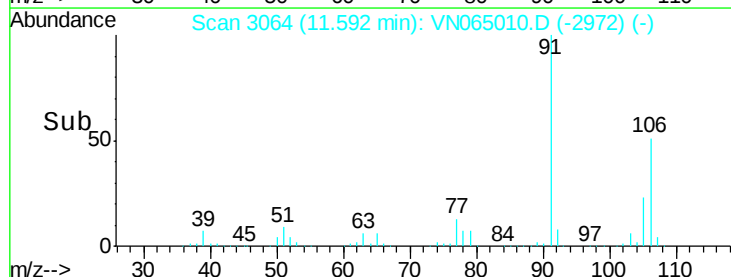
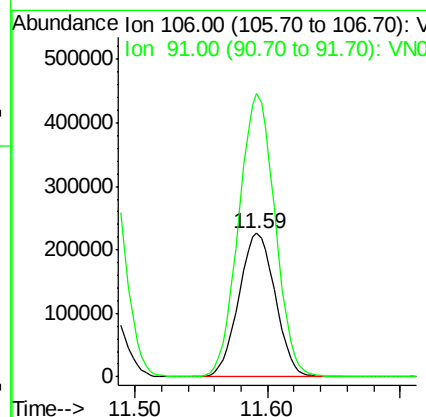
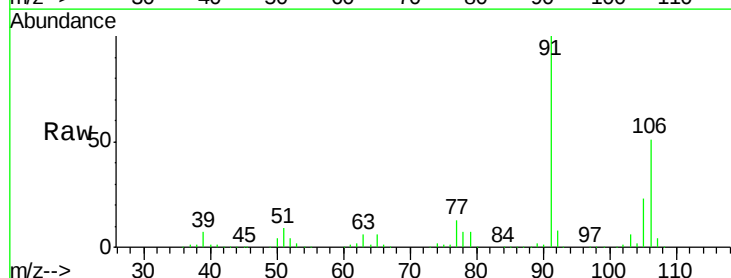
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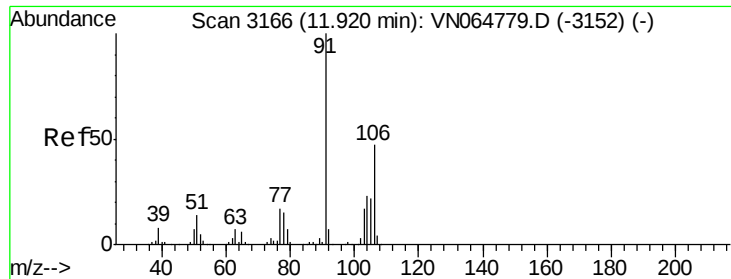
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#68
m/p-Xylenes
Concen: 117.026 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion: 106 Resp: 430805
Ion Ratio Lower Upper
106 100
91 196.2 161.0 241.4





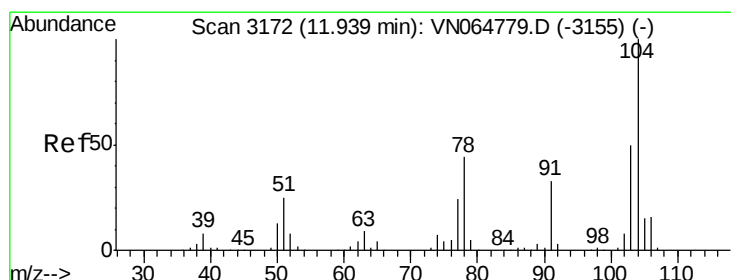
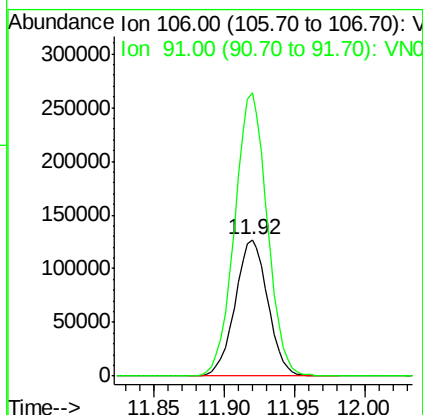
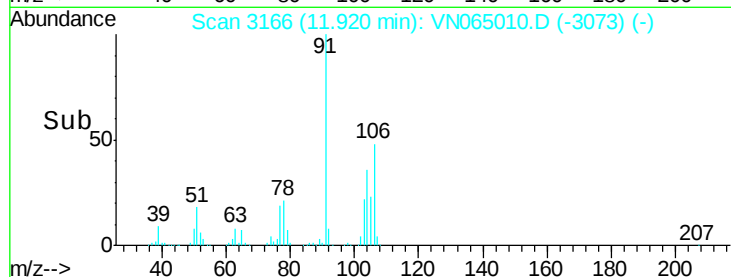
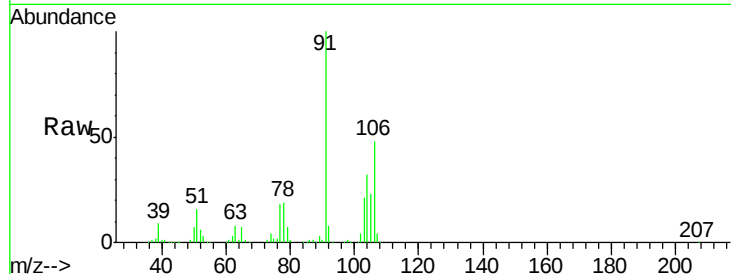
#69
o-Xylene
Concen: 58.954 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		205947		
91	207.7	105.5	316.5		

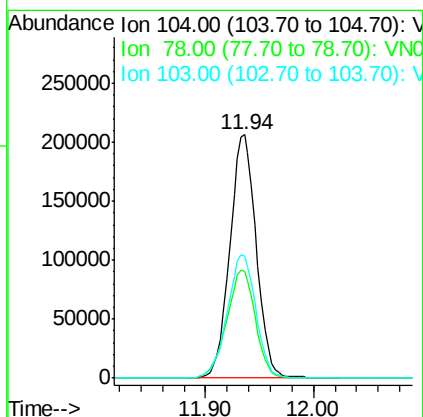
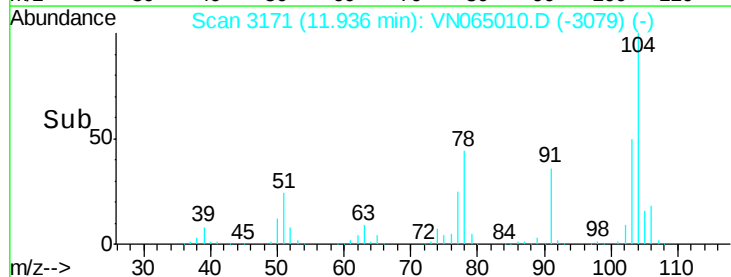
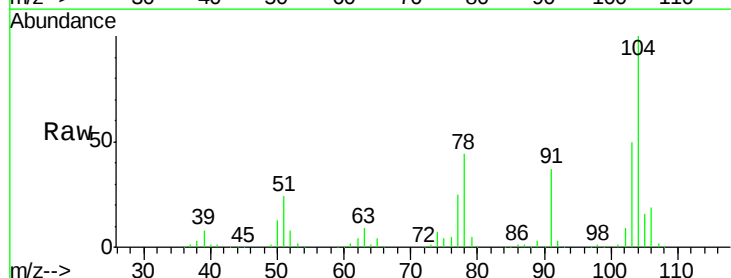
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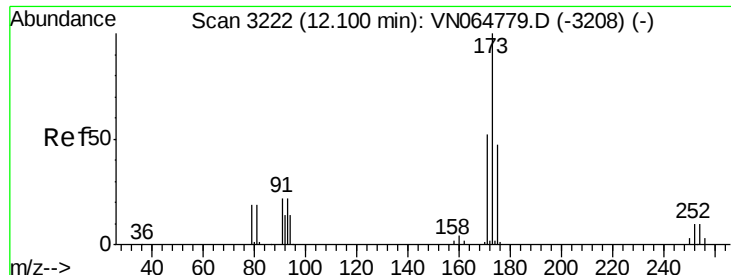
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#70
Styrene
Concen: 59.823 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		352797		
78	48.0	39.0	58.6		
103	54.7	44.3	66.5		





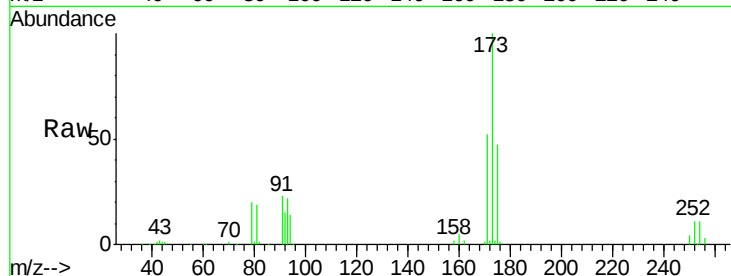
#71
Bromoform
Concen: 57.041 ug/l
RT: 12.10 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

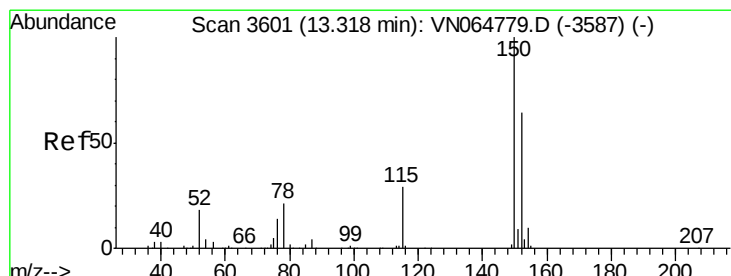
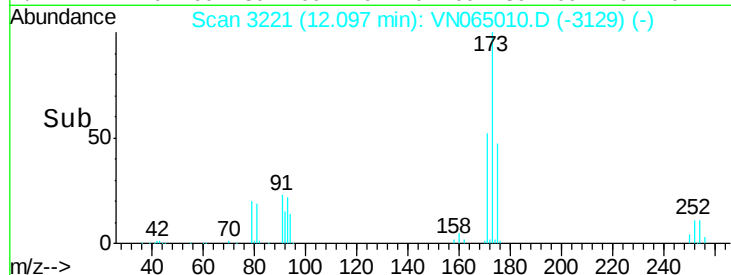
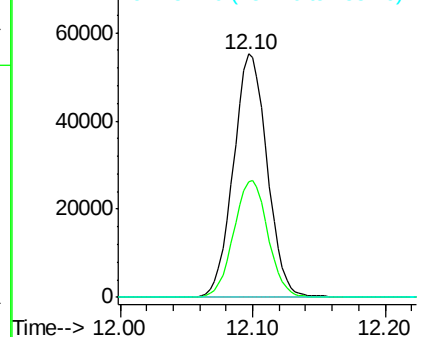
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.8
254	0.1	0.0	0.0#

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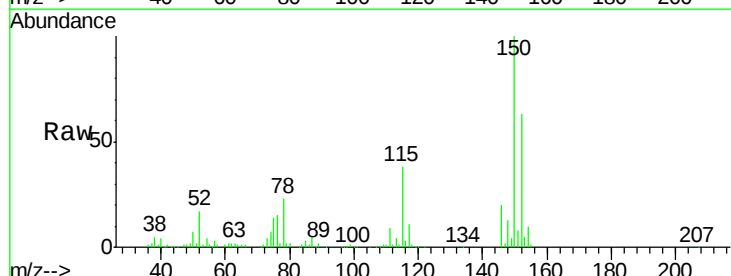


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

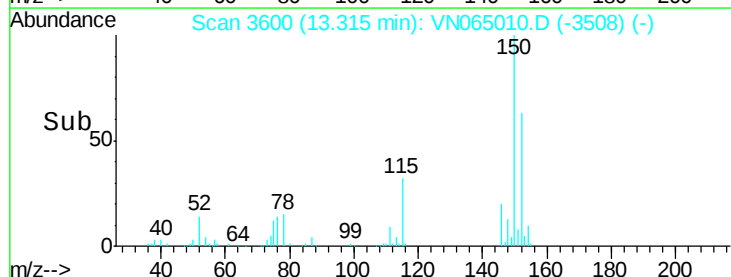
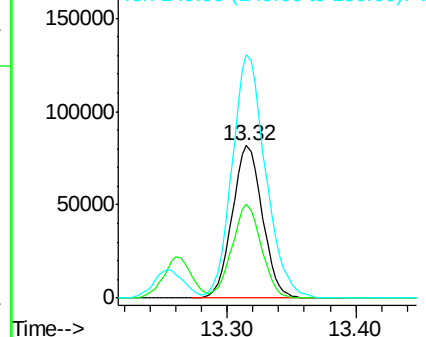


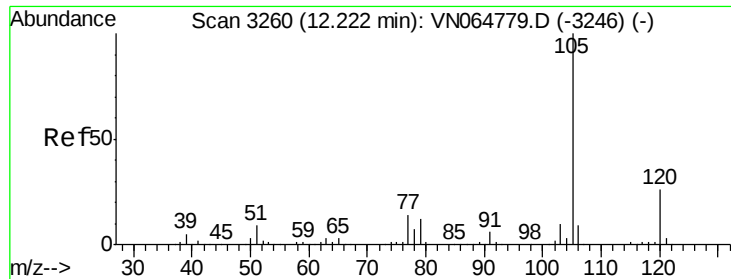
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.7	89.1
150	176.4	0.0	350.6



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: 58.681 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 541928

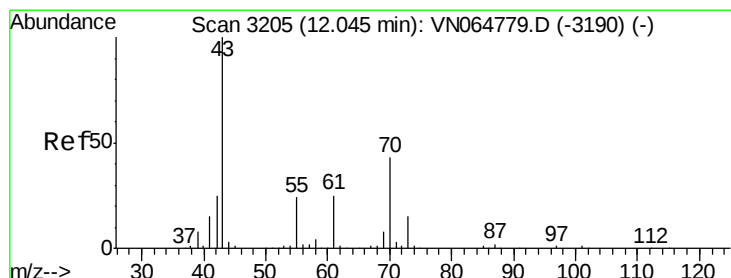
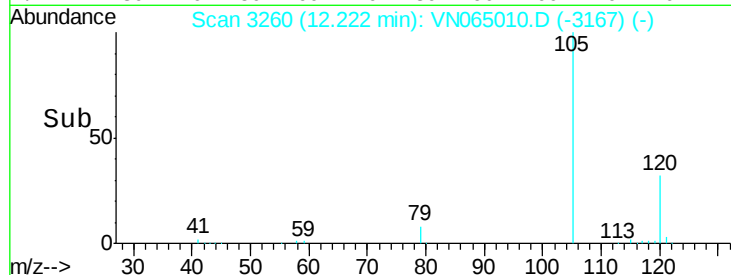
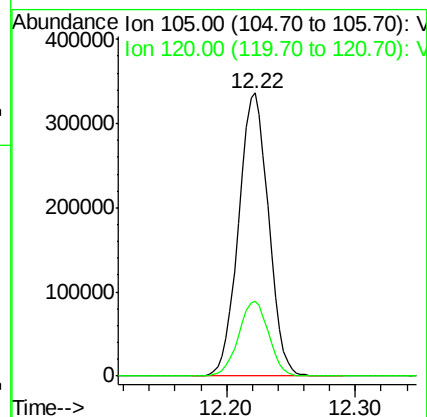
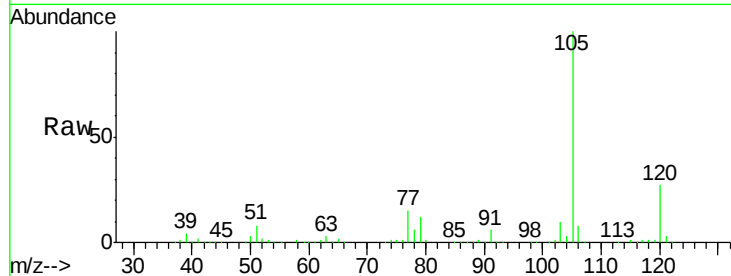
Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9

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#74

N-ethyl acetate

Concen: 55.393 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion: 43 Resp: 201320

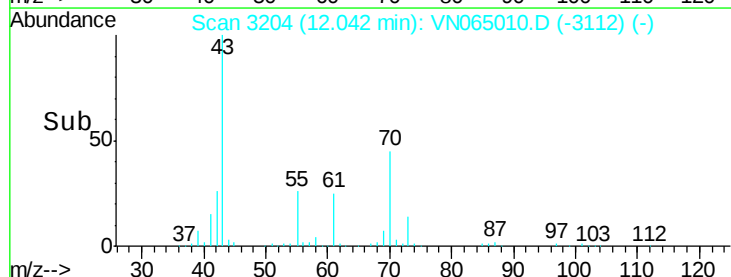
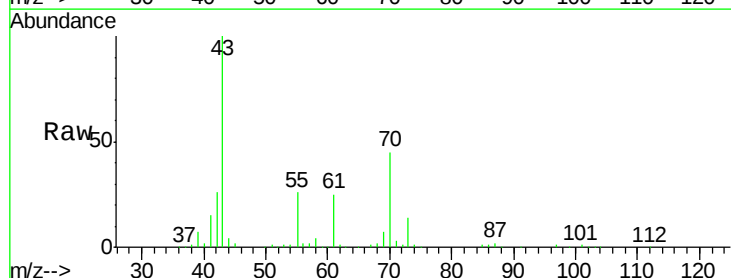
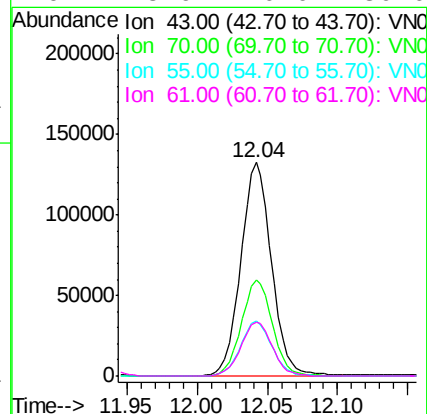
Ion Ratio Lower Upper

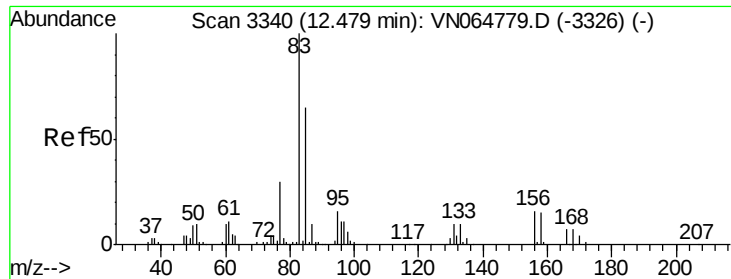
43 100

70 45.7 34.5 51.7

55 26.5 20.4 30.6

61 25.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 59.385 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

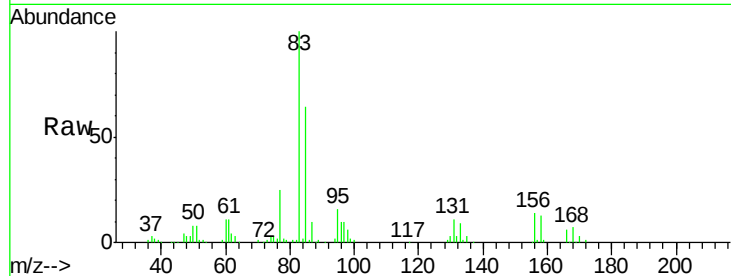
ClientSampleId :

VSTDCCC050

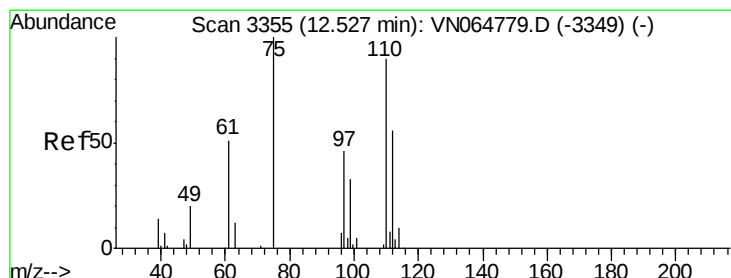
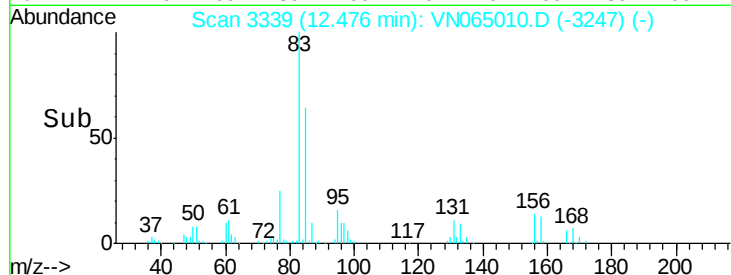
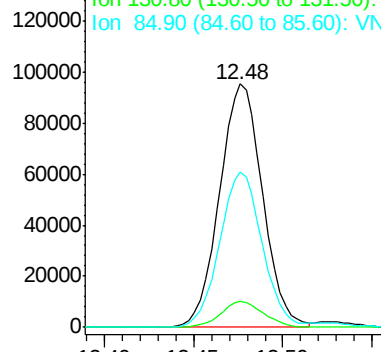
Tot Ion:	83	Resp:	160748
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	63.0	33.0	99.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 57.682 ug/l m

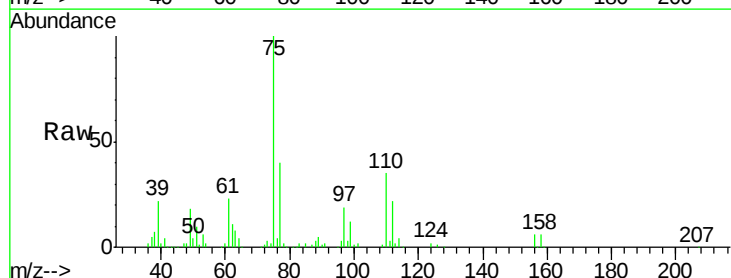
RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

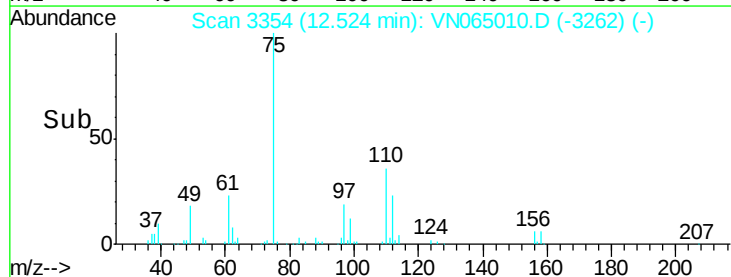
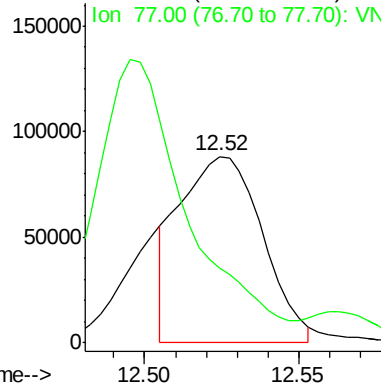
Lab File: VN065010.D

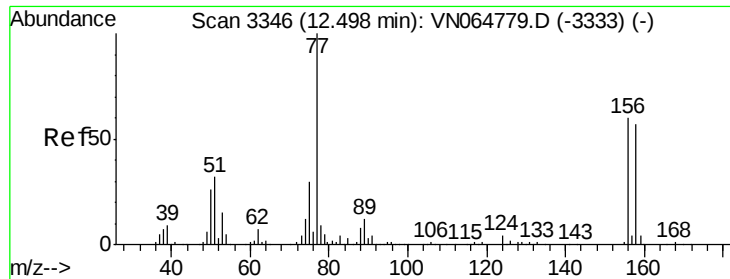
Acq: 9 Dec 2020 10:32

Tgt Ion:	75	Resp:	164933
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 56.782 ug/l

RT: 12.50 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

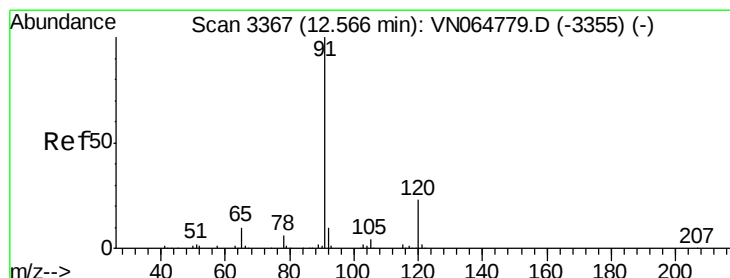
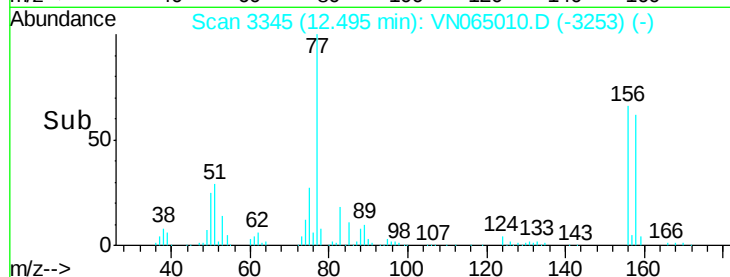
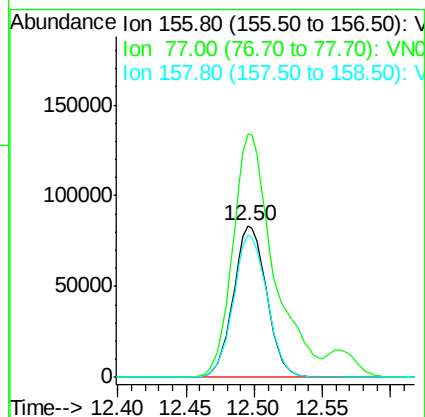
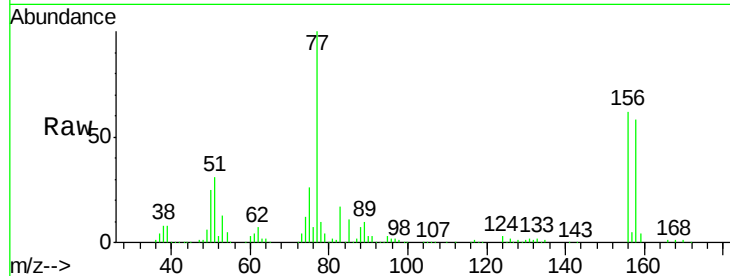
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	197.2	101.3	303.7		
158	95.5	48.2	144.6		

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#78

n-propylbenzene

Concen: 57.623 ug/l

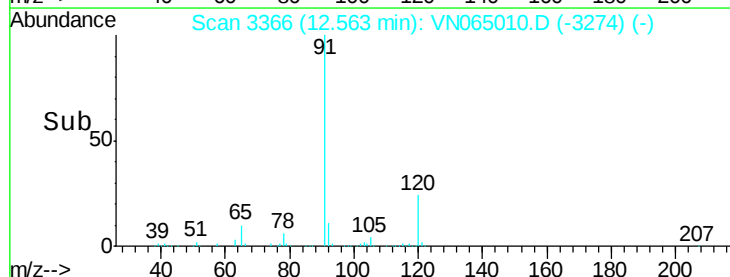
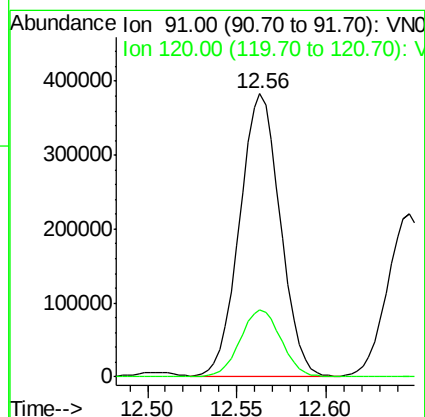
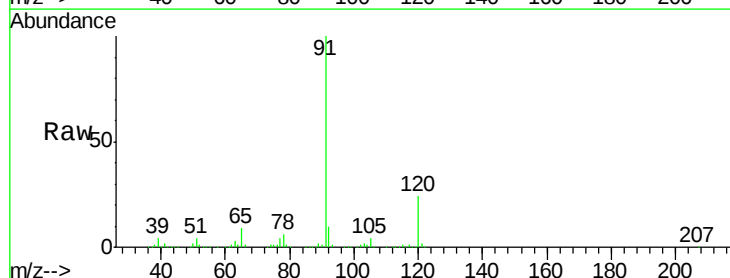
RT: 12.56 min Scan# 3366

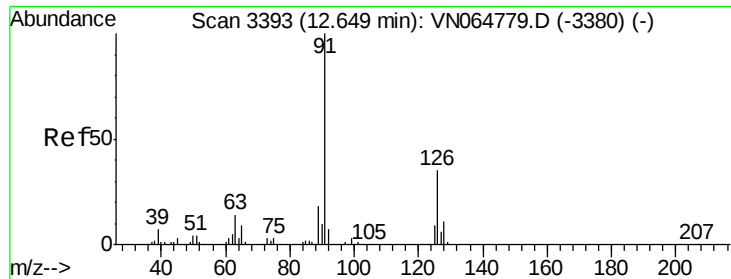
Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	24.1	11.6	34.7		





#79

2-Chlorotoluene

Concen: 55.856 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 363248

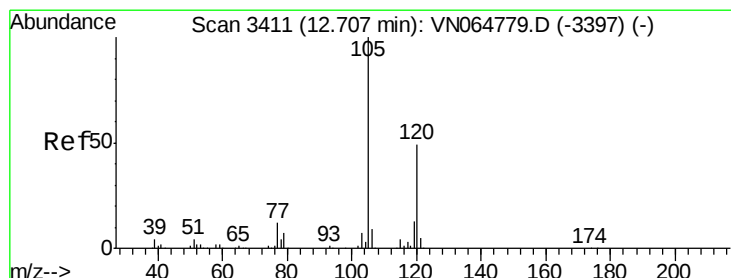
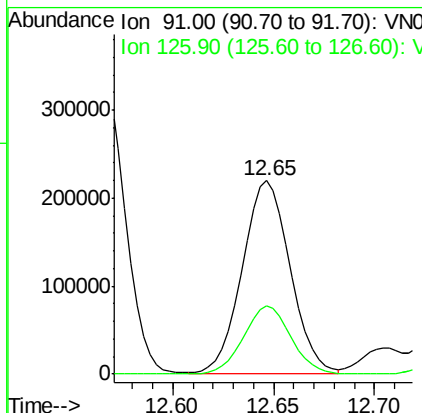
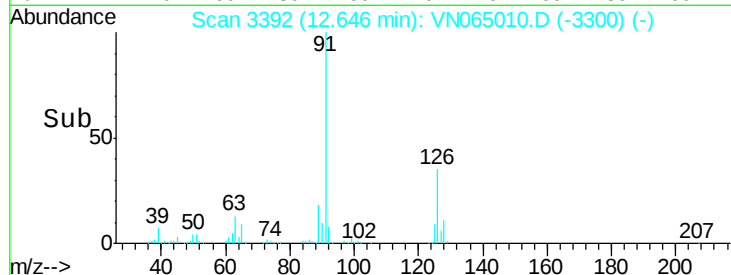
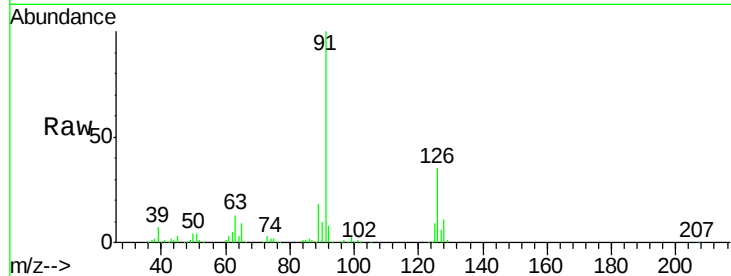
Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.6

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 59.354 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN065010.D

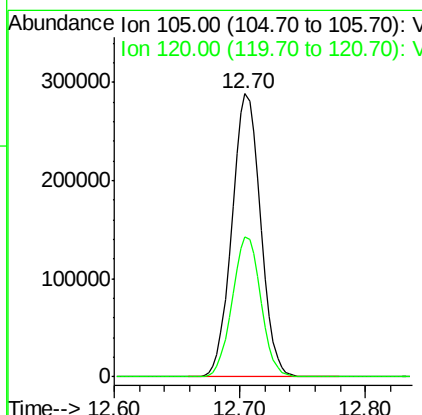
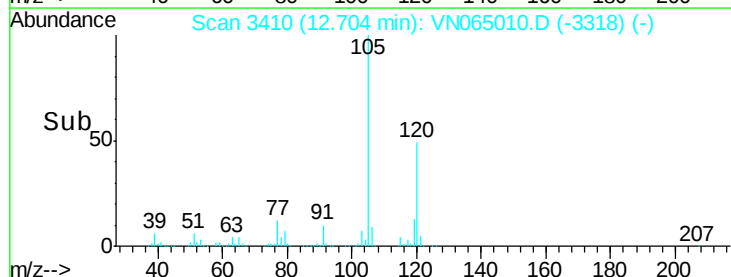
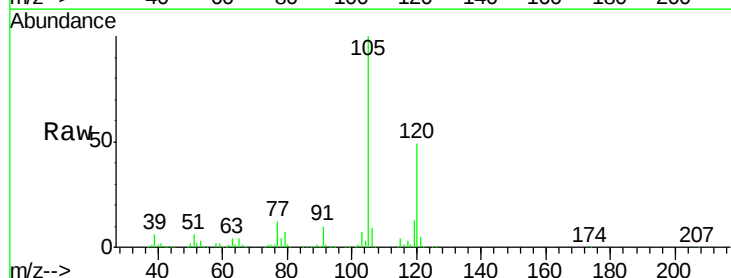
Acq: 9 Dec 2020 10:32

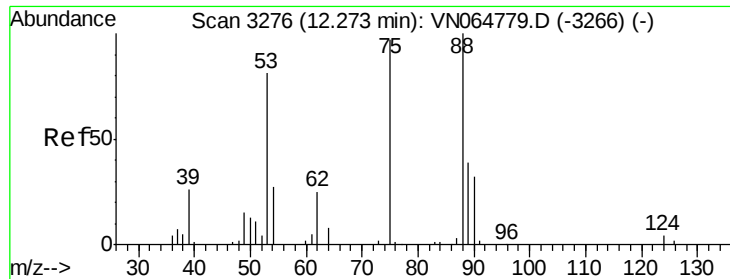
Tgt Ion: 105 Resp: 455617

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.6





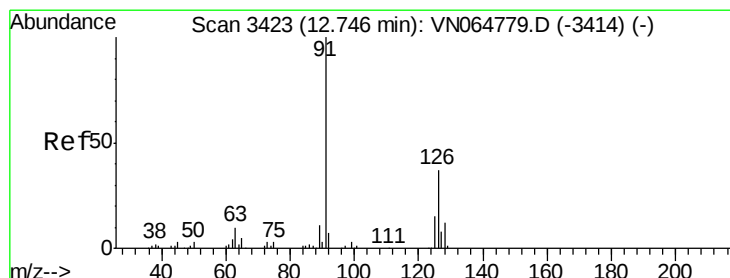
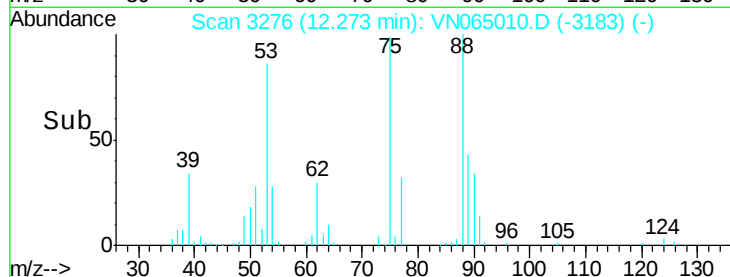
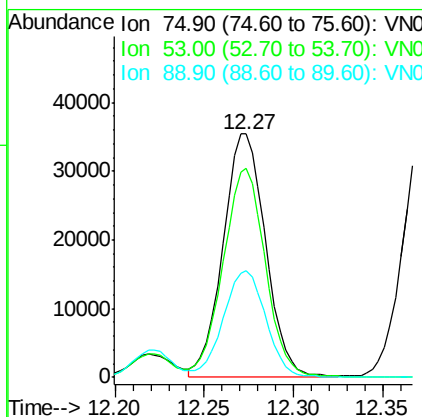
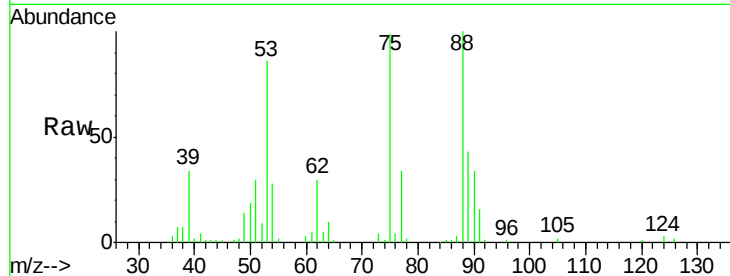
#81
trans-1,4-Dichloro-2-butene
Concen: 56.510 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.6	67.0	100.4
89	43.8	39.6	59.4

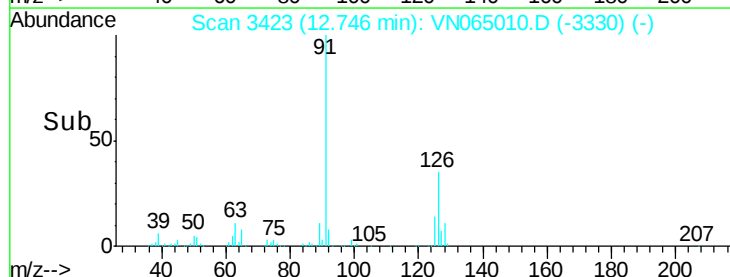
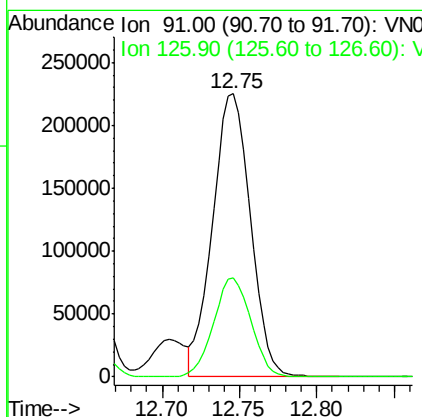
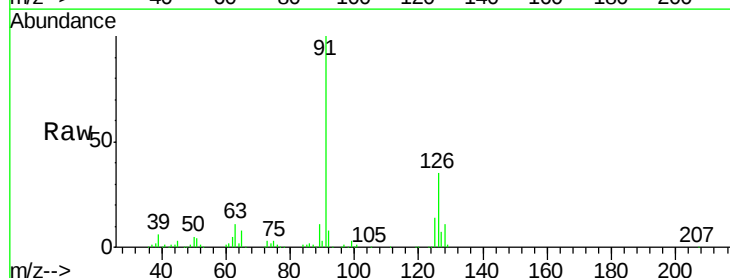
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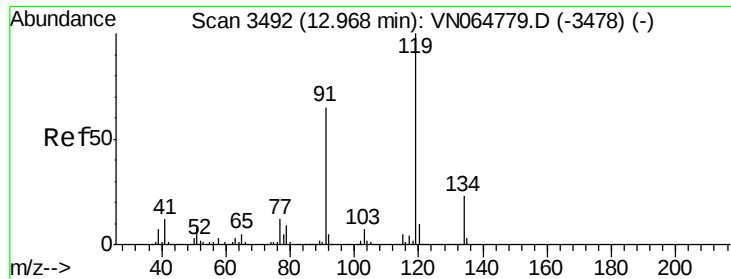
MMDadoda
12/10/2020 9:14:16 AM



#82
4-Chlorotoluene
Concen: 56.010 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.9	50.7





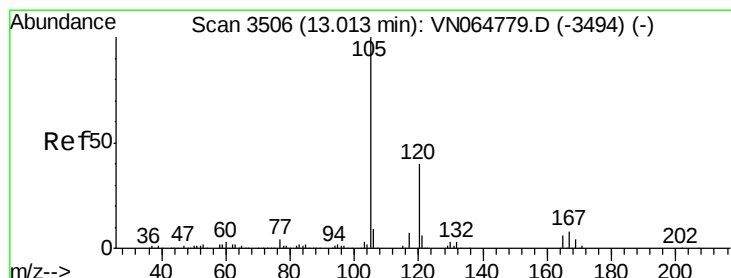
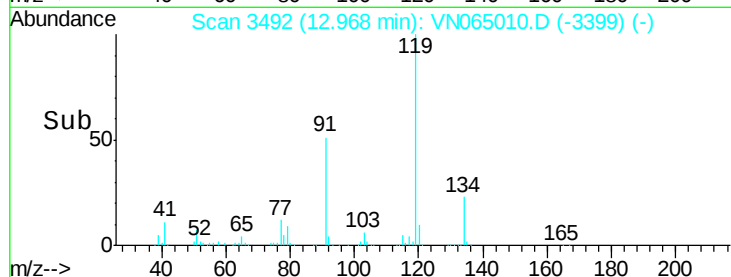
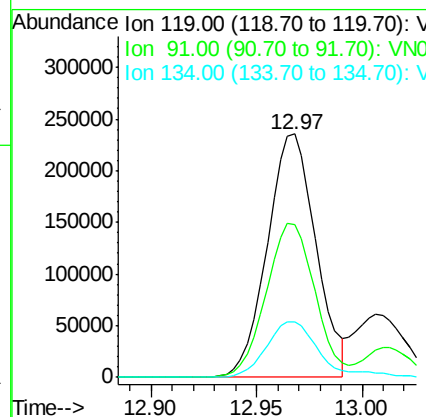
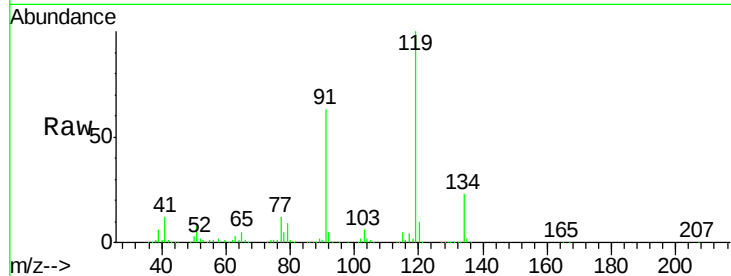
#83
 tert-Butylbenzene
 Concen: 58.776 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	378175		
91	63.5		32.3	96.8
134	25.1		12.6	37.6

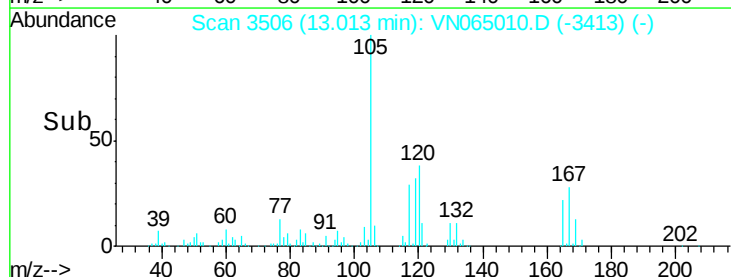
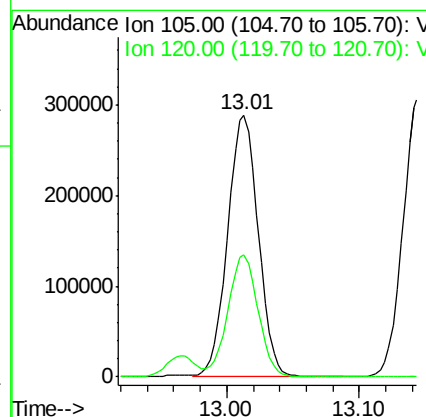
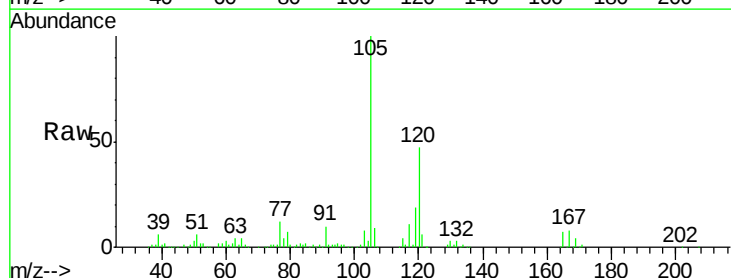
Manual Integrations
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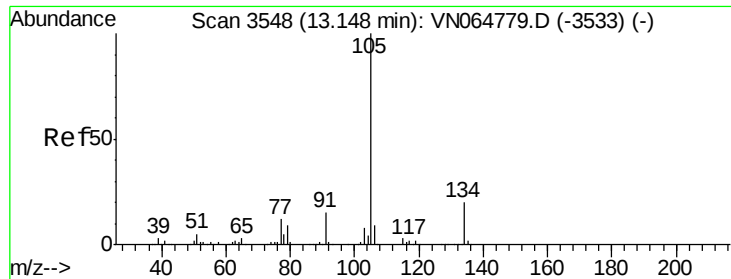
MMDadoda
 12/10/2020 9:14:16 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 59.643 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	462897		
120	45.8		23.1	69.2





#85

sec-Butylbenzene

Concen: 57.308 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 489571

Ion Ratio Lower Upper

105 100

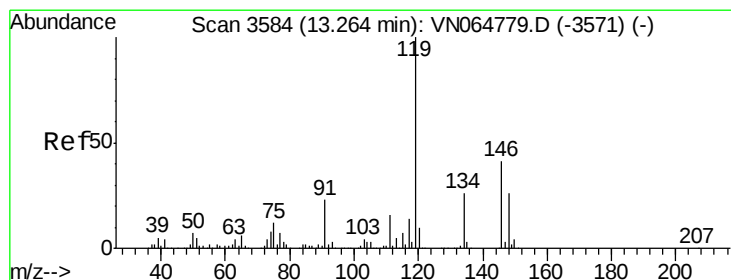
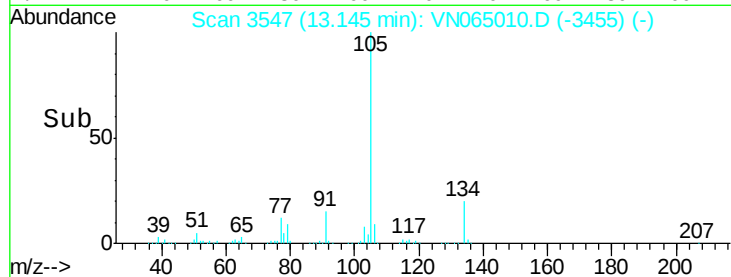
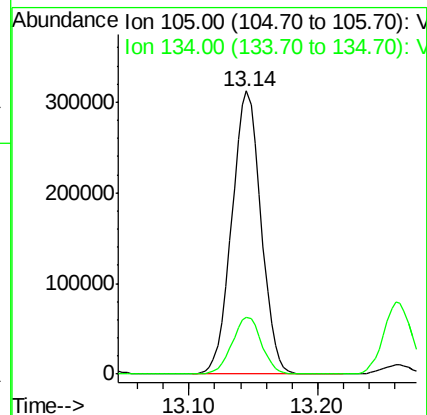
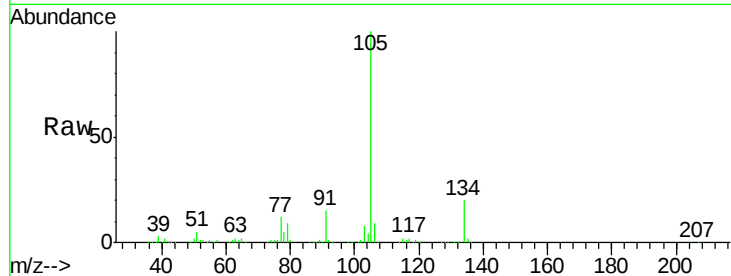
134 20.3 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 59.579 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

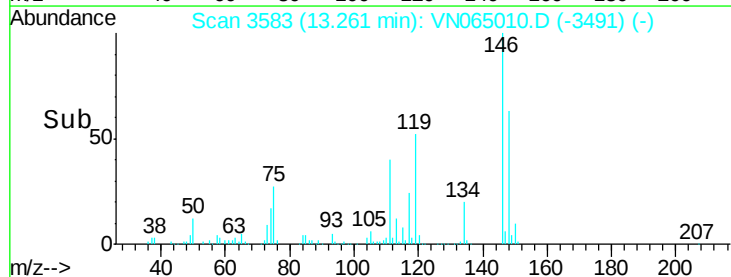
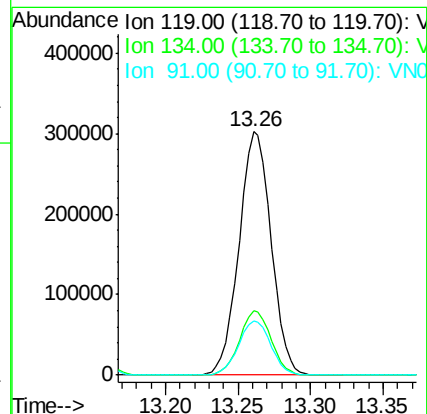
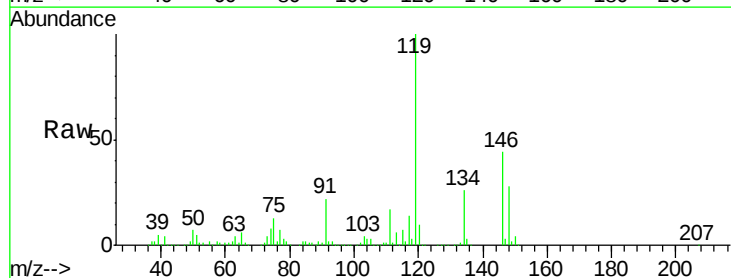
Tgt Ion:119 Resp: 463382

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.5 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 55.784 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN065010.D

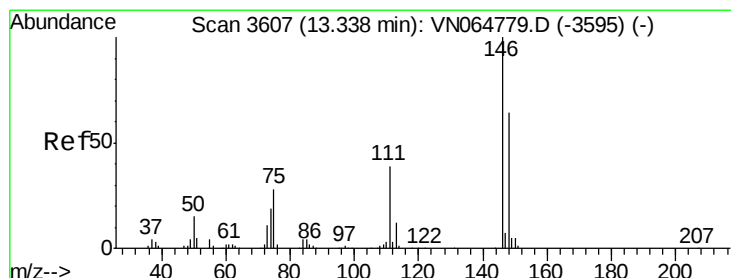
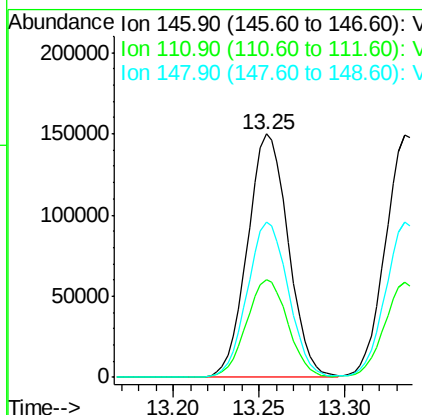
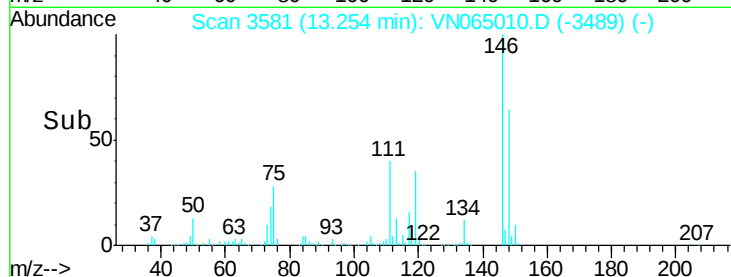
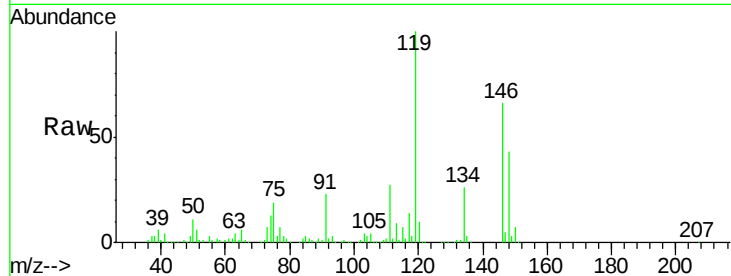
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	64.3	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 53.459 ug/l

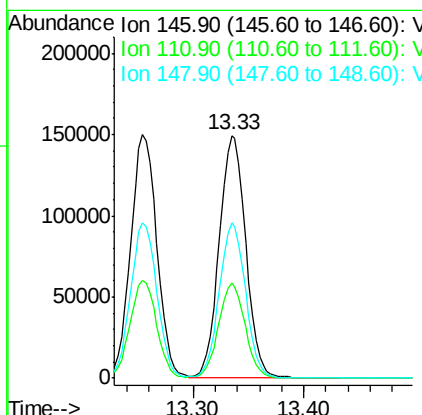
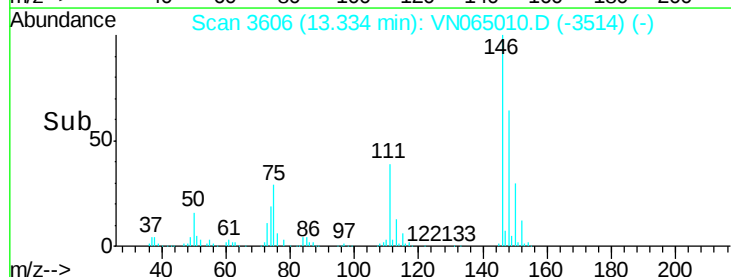
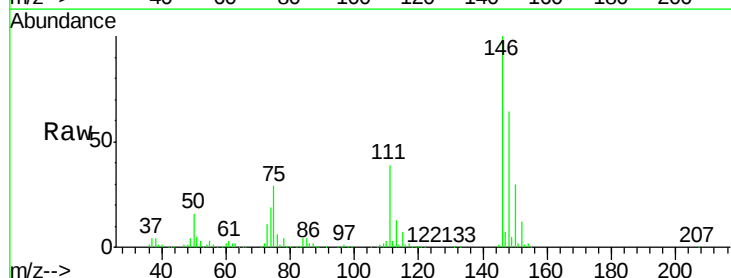
RT: 13.33 min Scan# 3606

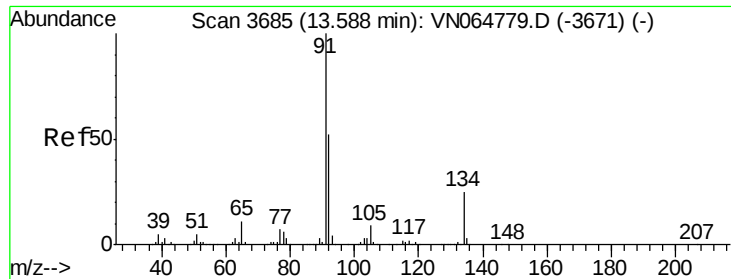
Delta R.T. -0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.3
148	63.0	31.9	95.5





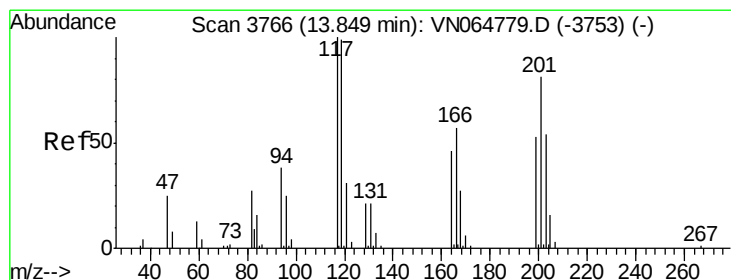
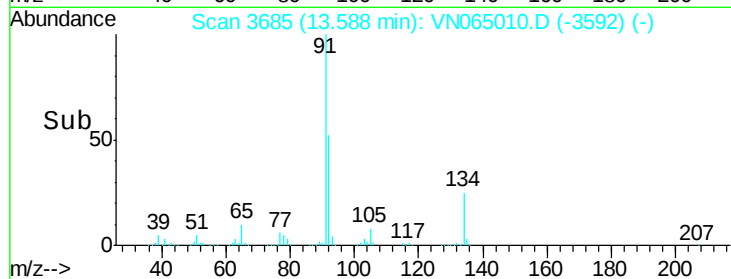
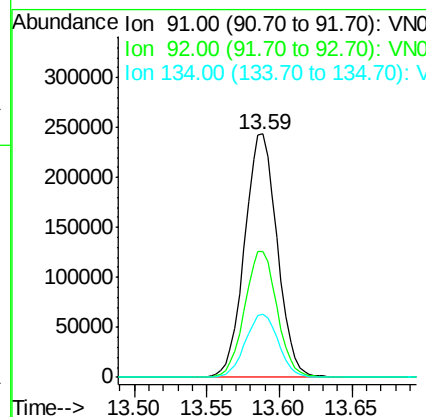
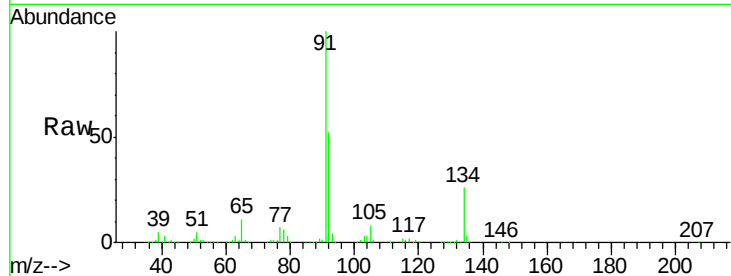
#89
n-Butylbenzene
Concen: 55.874 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	26.2	12.9	38.6

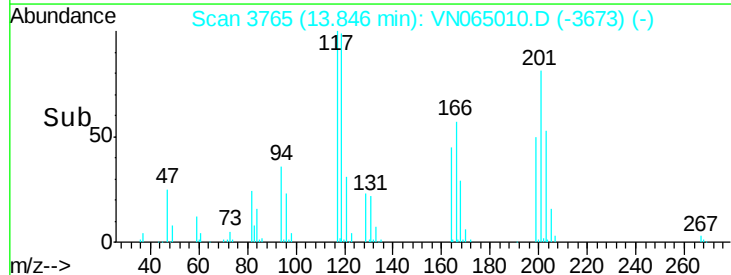
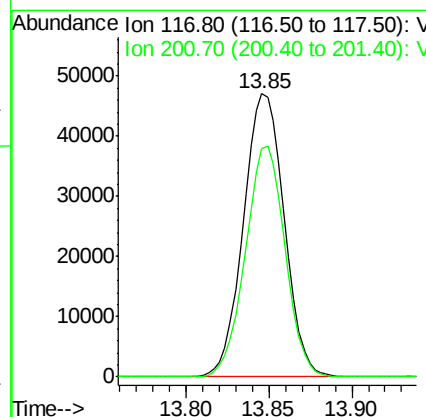
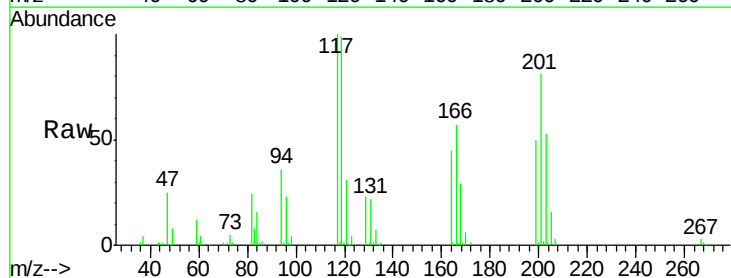
Manual Integrations
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#90
Hexachloroethane
Concen: 59.606 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN065010.D
Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.4	40.1	120.3





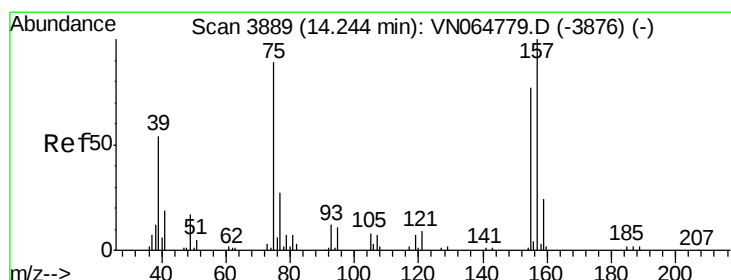
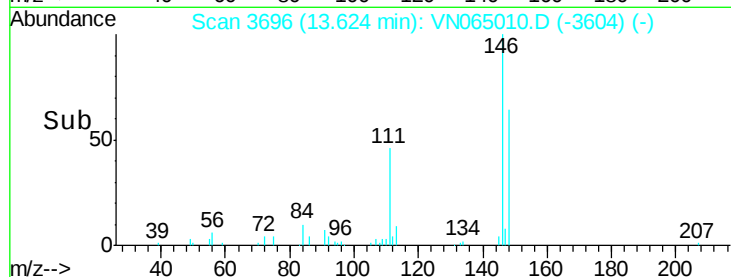
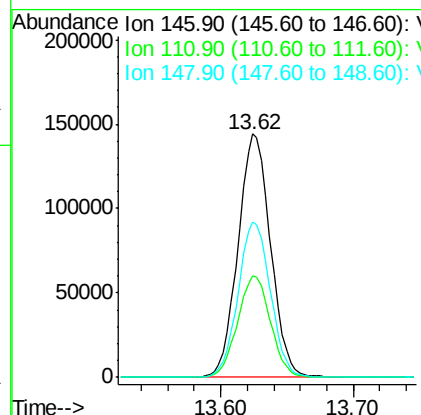
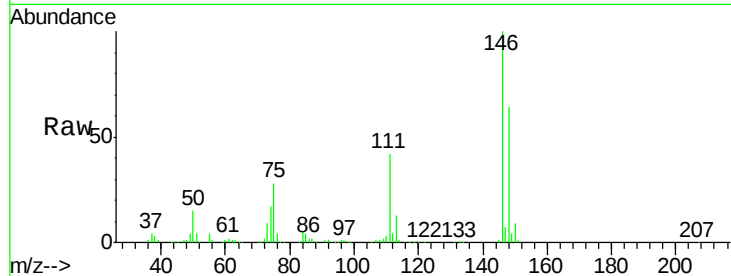
#91
 1,2-Dichlorobenzene
 Concen: 56.462 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	245236		
111	42.1	21.1	63.1	
148	63.5	32.0	96.2	

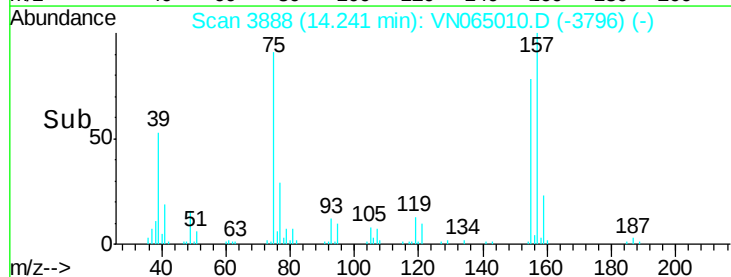
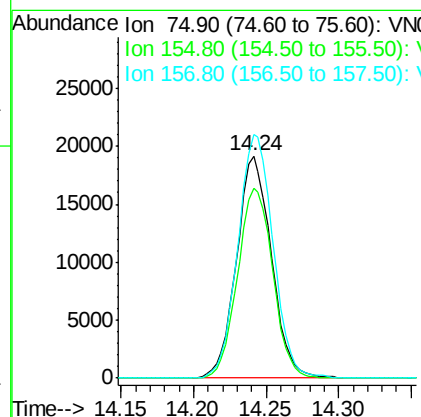
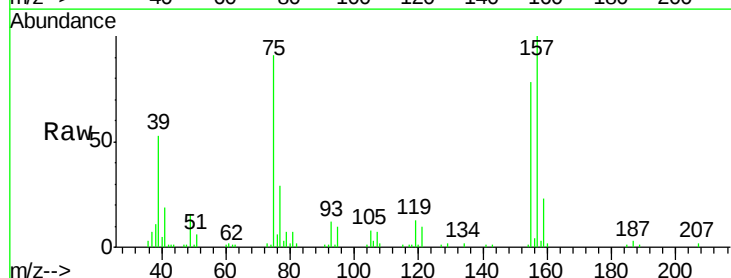
Manual Integrations
 APPROVED

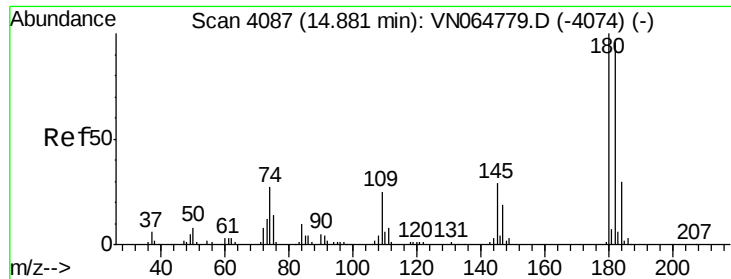
MMDadoda
 12/10/2020 9:14:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.673 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32081		
155	86.0	42.8	128.3	
157	110.7	56.4	169.1	





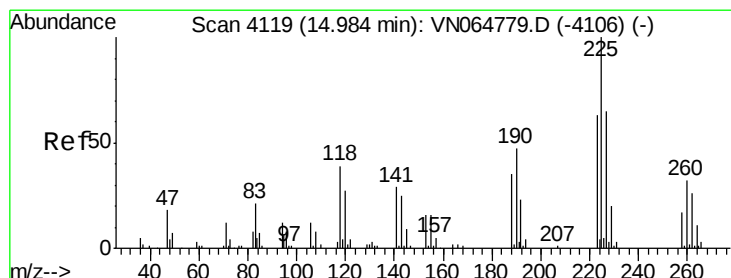
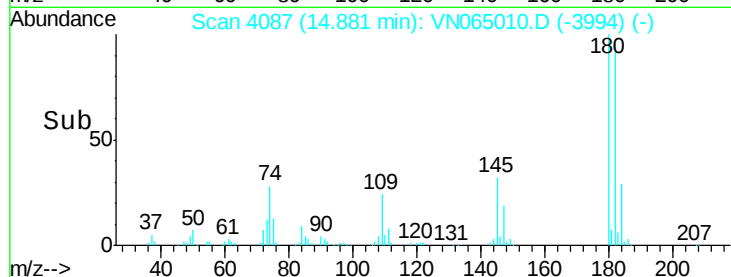
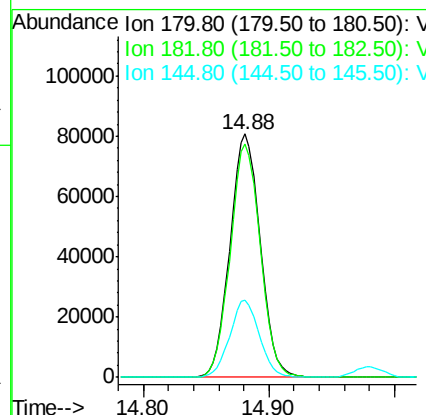
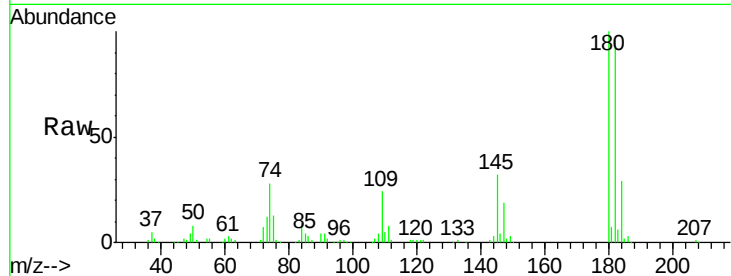
#93
 1,2,4-Trichlorobenzene
 Concen: 50.318 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.6	142.9	
145	30.9	15.3	45.8	

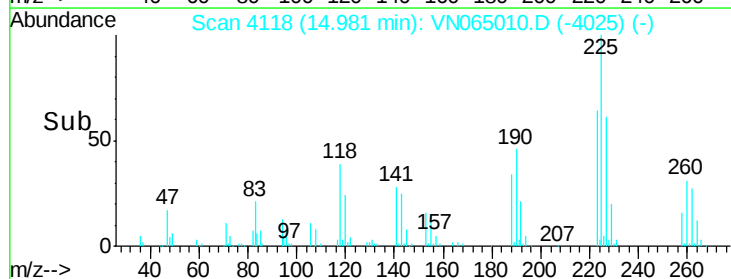
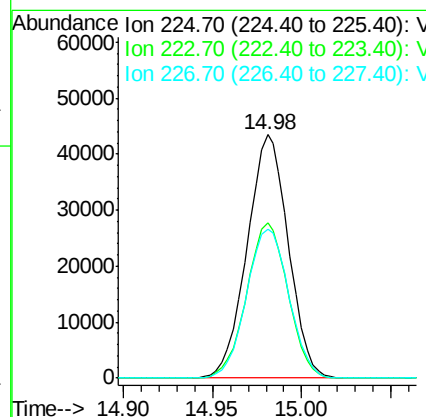
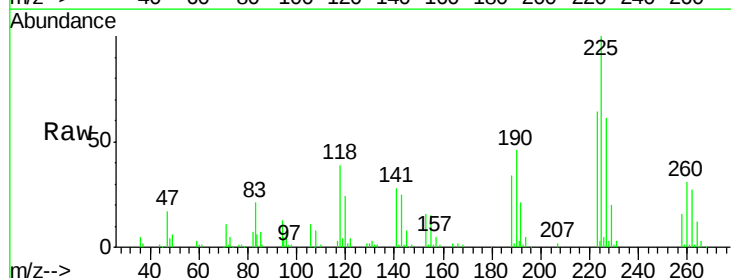
Manual Integrations
 APPROVED

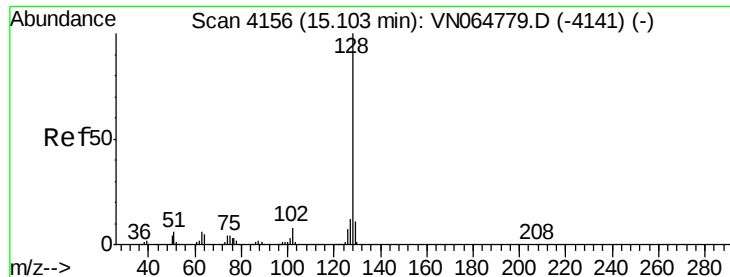
MMDadoda
 12/10/2020 9:14:16 AM



#94
 Hexachlorobutadiene
 Concen: 57.977 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN065010.D
 Acq: 9 Dec 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	31.0	93.0	
227	63.0	32.0	96.0	





#95

Naphthalene

Concen: 49.520 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Instrument :

MSVOA_N

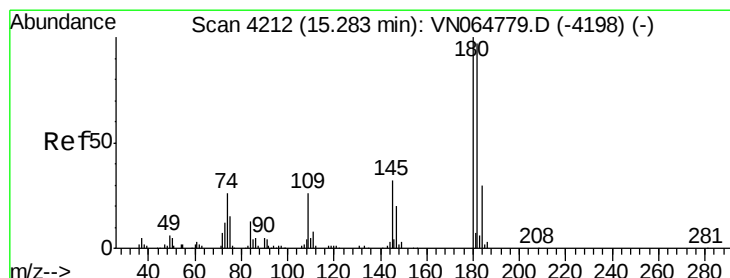
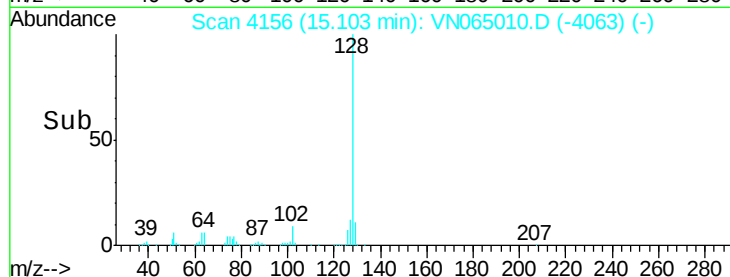
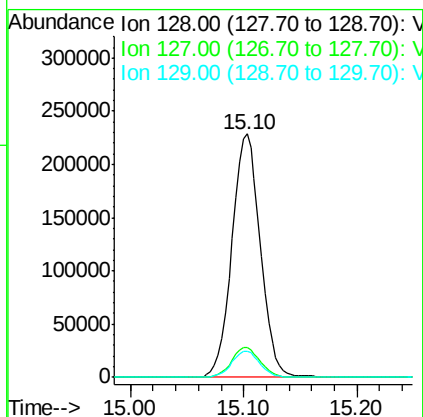
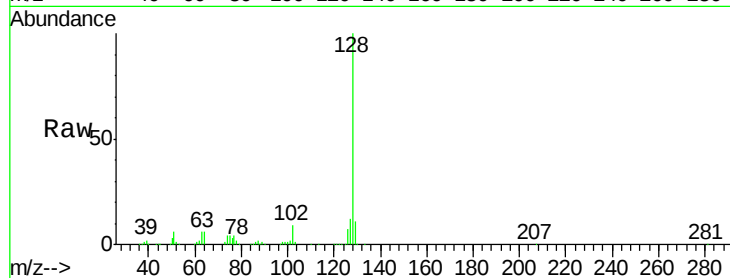
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	398617
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:14:16 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.858 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN065010.D

Acq: 9 Dec 2020 10:32

Tgt Ion:	180	Resp:	129921
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.1	144.4
145	32.0	16.4	49.1

