

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064775.D
 Acq On : 23 Nov 2020 10:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 24 04:56:47 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	201197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	301083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139820	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	112967	48.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.60%	
35) Dibromofluoromethane		7.55	113	93603	51.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.92%	
50) Toluene-d8		10.06	98	381127	51.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.56%	
62) 4-Bromofluorobenzene		12.38	95	138871	52.71	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	94289	54.073	ug/l	99
3) Chloromethane	2.04	50	115897	51.147	ug/l	97
4) Vinyl Chloride	2.16	62	120242	50.897	ug/l	98
5) Bromomethane	2.53	94	79447	51.257	ug/l	100
6) Chloroethane	2.67	64	73097	50.026	ug/l	99
7) Trichlorofluoromethane	2.98	101	165481	50.673	ug/l	97
8) Diethyl Ether	3.37	74	63491	49.255	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	98901	50.485	ug/l	99
10) Methyl Iodide	3.90	142	133246	52.438	ug/l	98
11) Tert butyl alcohol	4.75	59	87228	239.125	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	96643	49.535	ug/l	96
13) Acrolein	3.56	56	16295	73.133	ug/l	98
14) Allyl chloride	4.27	41	159984	49.717	ug/l	99
15) Acrylonitrile	4.93	53	248829	246.924	ug/l	100
16) Acetone	3.78	43	162206	210.956	ug/l	100
17) Carbon Disulfide	4.00	76	271111	53.818	ug/l	99
18) Methyl Acetate	4.28	43	108403	46.891	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	321673	51.407	ug/l	99
20) Methylene Chloride	4.50	84	113276	47.014	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	106355	49.089	ug/l	95
22) Diisopropyl ether	5.90	45	334522	51.938	ug/l	98
23) Vinyl Acetate	5.84	43	1358402	263.738	ug/l	100
24) 1,1-Dichloroethane	5.79	63	195556	50.804	ug/l	99
25) 2-Butanone	6.78	43	294958	236.640	ug/l	96
26) 2,2-Dichloropropane	6.78	77	170558	51.088	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	122724	50.338	ug/l	99
28) Bromochloromethane	7.15	49	82001	46.567	ug/l	98
29) Tetrahydrofuran	7.17	42	209433	243.411	ug/l	99
30) Chloroform	7.33	83	199957	50.373	ug/l	99
31) Cyclohexane	7.61	56	161065	49.405	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	172987	50.740	ug/l	99
36) 1,1-Dichloropropene	7.75	75	152800	54.753	ug/l	99
37) Ethyl Acetate	6.88	43	132343	49.231	ug/l	99
38) Carbon Tetrachloride	7.73	117	155218	53.454	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	163263	54.344	ug/l	98
40) Benzene	8.00	78	451423	52.787	ug/l	99
41) Methacrylonitrile	7.12	41	63607	51.279	ug/l	92
42) 1,2-Dichloroethane	8.08	62	149096	51.682	ug/l	99
43) Isopropyl Acetate	8.13	43	223086	51.572	ug/l	99
44) Trichloroethene	8.80	130	132739	52.607	ug/l	95
45) 1,2-Dichloropropane	9.08	63	117827	53.204	ug/l	100
46) Dibromomethane	9.17	93	77751	52.551	ug/l	99
47) Bromodichloromethane	9.37	83	159784	53.673	ug/l	99
48) Methyl methacrylate	9.16	41	106472	51.511	ug/l	96
49) 1,4-Dioxane	9.17	88	42735	1093.913	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	670896	258.343	ug/l	100
52) Toluene	10.12	92	281642	53.478	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	177311	53.475	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	195839	55.103	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	110215	50.892	ug/l	98
56) Ethyl methacrylate	10.40	69	163418	54.682	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188283	52.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	443627	269.863	ug/l	100
59) 2-Hexanone	10.72	43	484909	259.454	ug/l	99
60) Dibromochloromethane	10.87	129	128330	53.309	ug/l	99
61) 1,2-Dibromoethane	10.98	107	116317	52.865	ug/l	99
64) Tetrachloroethene	10.60	164	138757	51.292	ug/l	98
65) Chlorobenzene	11.41	112	308081	51.594	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	116582	53.126	ug/l	99
67) Ethyl Benzene	11.48	91	532685	53.400	ug/l	100
68) m/p-Xylenes	11.59	106	415715	110.072	ug/l	99
69) o-Xylene	11.92	106	196567	54.846	ug/l	100
70) Styrene	11.94	104	340417	56.264	ug/l	99
71) Bromoform	12.10	173	90040	51.372	ug/l #	99
73) Isopropylbenzene	12.22	105	517277	53.188	ug/l	100
74) N-amyl acetate	12.04	43	198153	51.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	136586	47.915	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	207307	68.847	ug/l #	100
77) Bromobenzene	12.50	156	131934	50.319	ug/l	99
78) n-propylbenzene	12.57	91	592045	53.437	ug/l	98
79) 2-Chlorotoluene	12.65	91	354700	51.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	443801	54.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	56720	51.627	ug/l #	81
82) 4-Chlorotoluene	12.75	91	376316	52.422	ug/l	100
83) tert-Butylbenzene	12.97	119	365656	53.965	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	448972	54.932	ug/l	99
85) sec-Butylbenzene	13.14	105	483730	53.769	ug/l	99
86) p-Isopropyltoluene	13.26	119	454042	55.435	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	237750	51.037	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	240849	48.889	ug/l	99
89) n-Butylbenzene	13.59	91	381482	53.036	ug/l	98
90) Hexachloroethane	13.85	117	75665	53.178	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	234023	51.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30528	47.596	ug/l	98

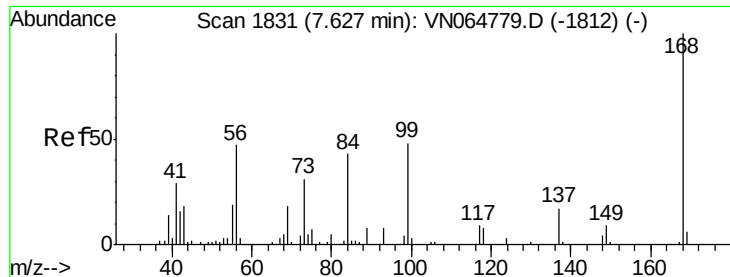
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141392	49.970	ug/l	99
94) Hexachlorobutadiene	14.98	225	62729	49.237	ug/l	97
95) Naphthalene	15.10	128	420117	49.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	134495	50.018	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

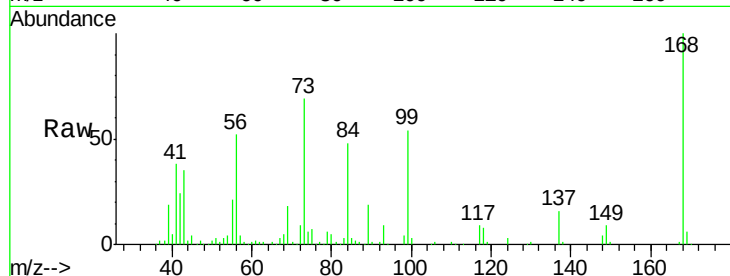
VSTDCCC050

Tot Ion:168 Resp: 201197

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

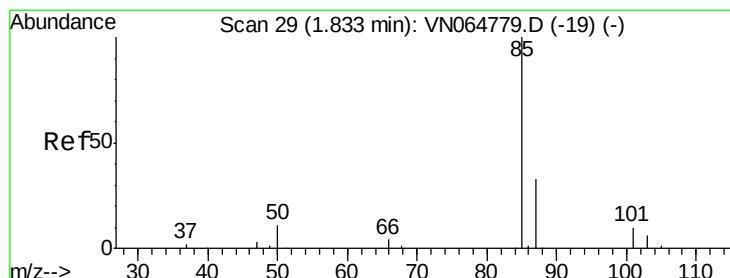
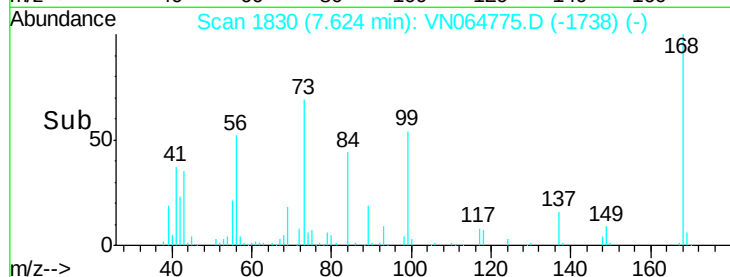
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 54.073 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064775.D

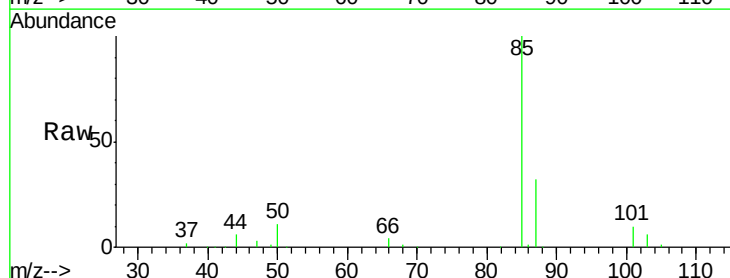
Acq: 23 Nov 2020 10:42

Tgt Ion: 85 Resp: 94289

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

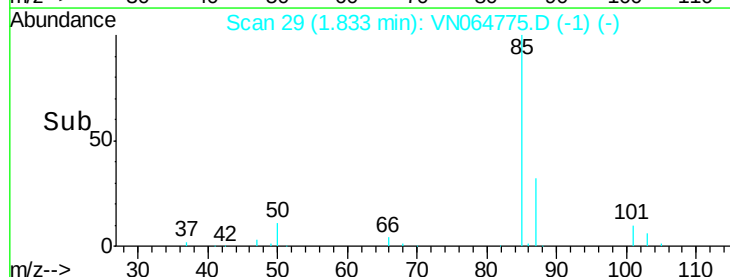
60000

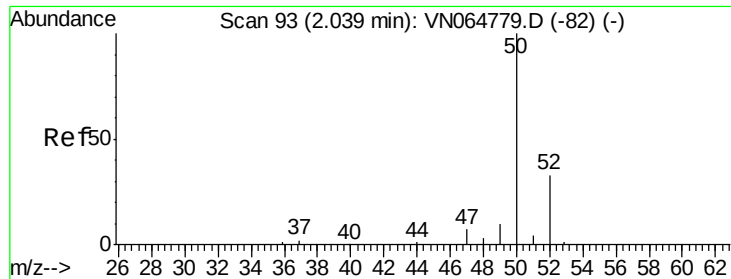
40000

20000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 51.147 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

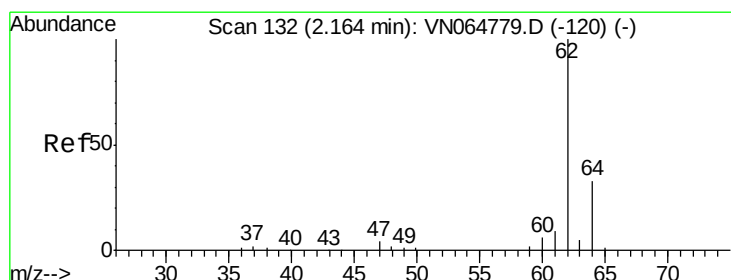
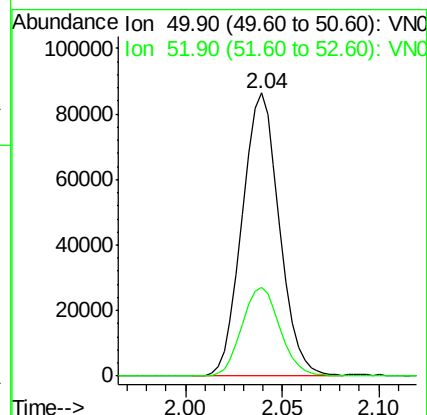
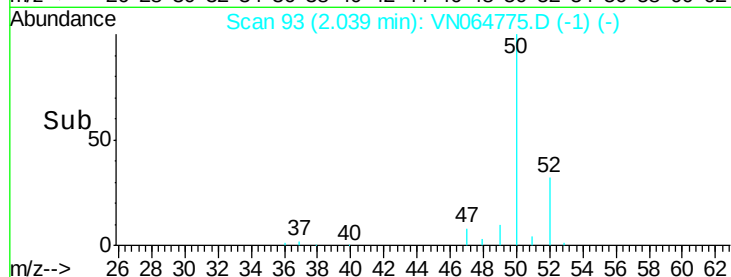
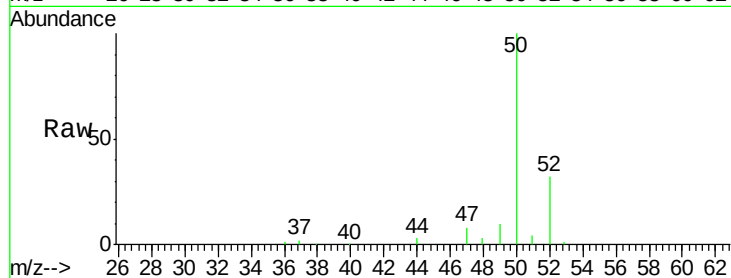
VSTDCCC050

Tot Ion: 50 Resp: 115897

Ion Ratio Lower Upper

50 100

52 31.5 26.6 39.8



#4

Vinyl Chloride

Concen: 50.897 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064775.D

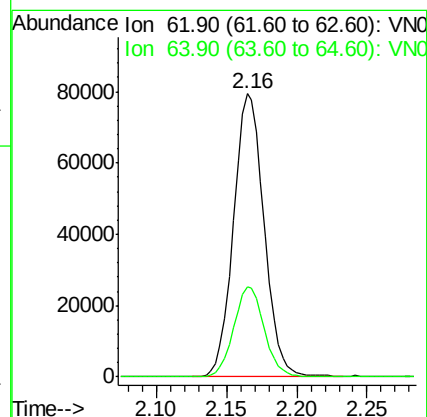
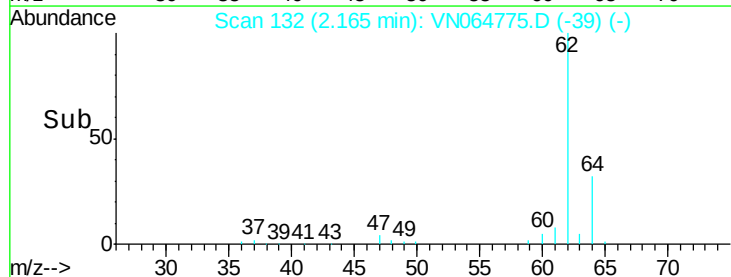
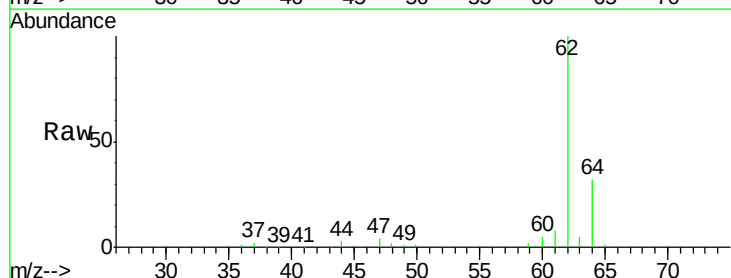
Acq: 23 Nov 2020 10:42

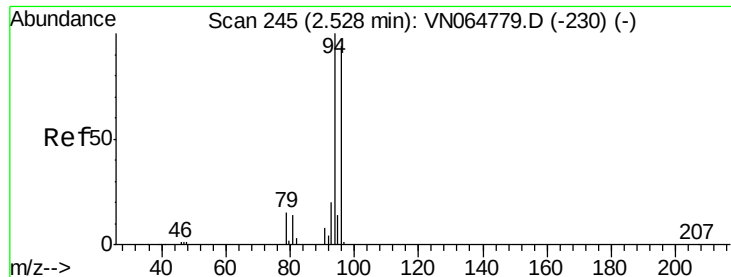
Tgt Ion: 62 Resp: 120242

Ion Ratio Lower Upper

62 100

64 32.0 26.5 39.7





#5

Bromomethane

Concen: 51.257 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

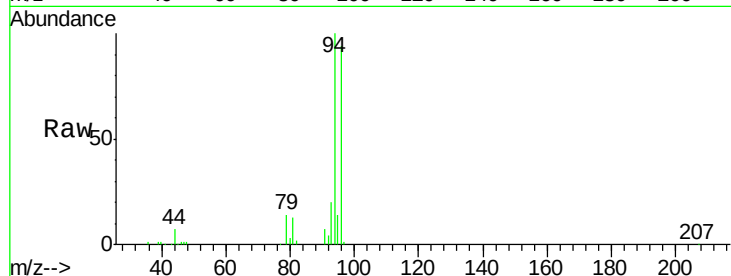
VSTDCCC050

Tot Ion: 94 Resp: 79447

Ion Ratio Lower Upper

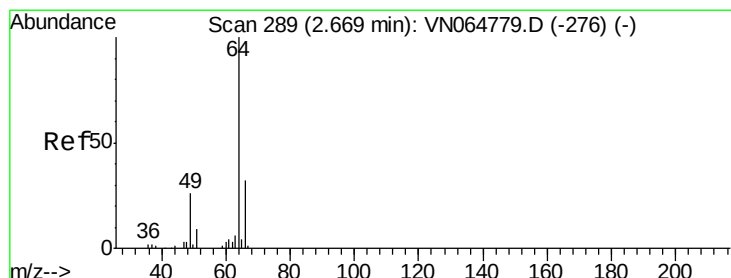
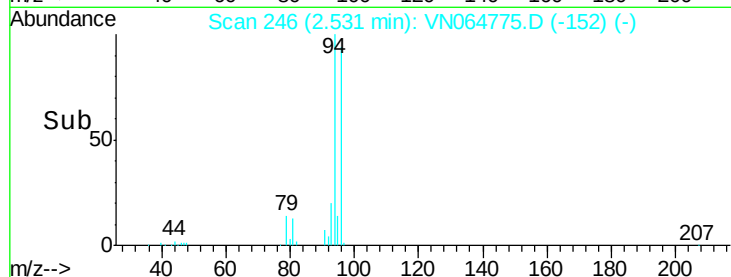
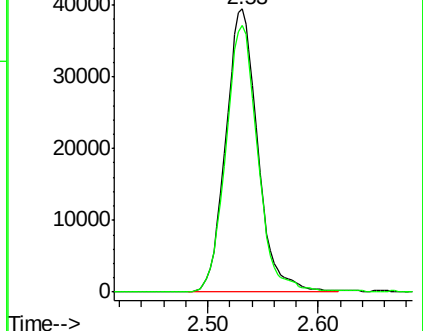
94 100

96 94.2 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064775.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064775.D (-152) (-)



#6

Chloroethane

Concen: 50.026 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064775.D

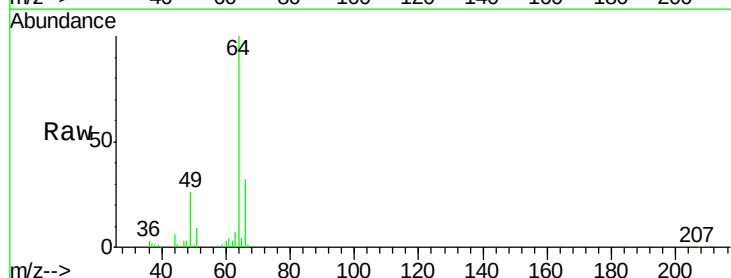
Acq: 23 Nov 2020 10:42

Tgt Ion: 64 Resp: 73097

Ion Ratio Lower Upper

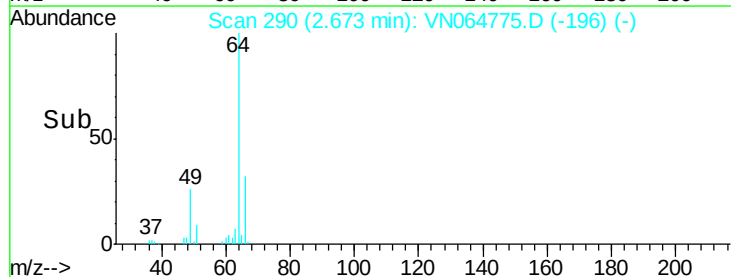
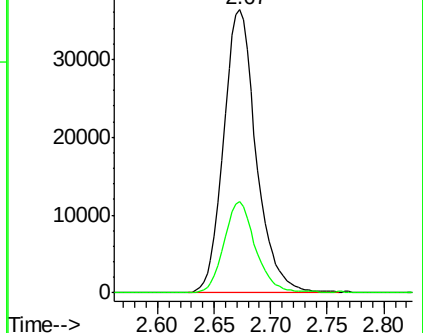
64 100

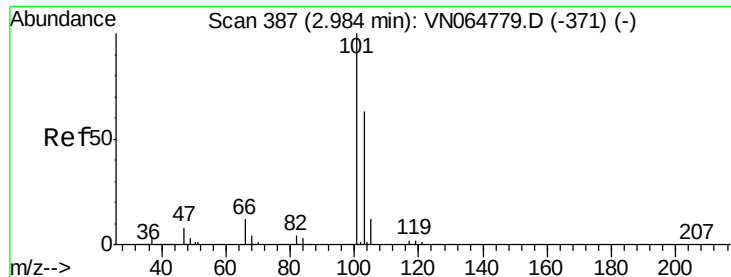
66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064775.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064775.D (-196) (-)



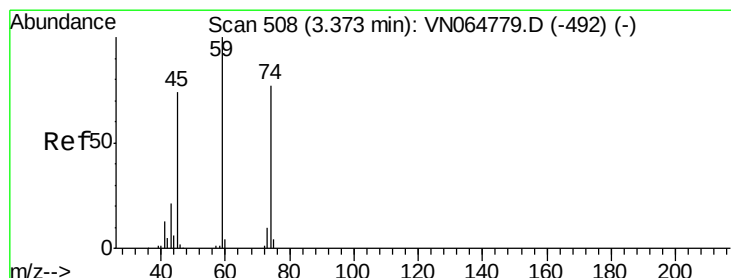
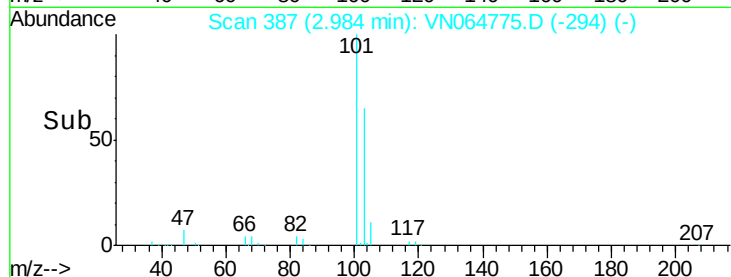
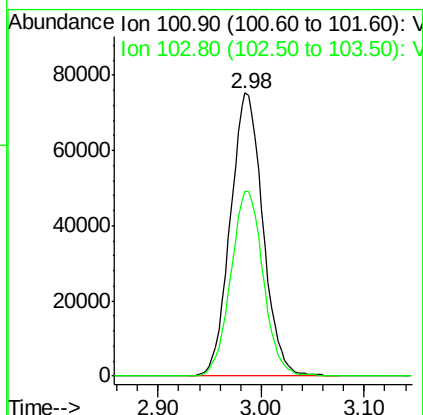
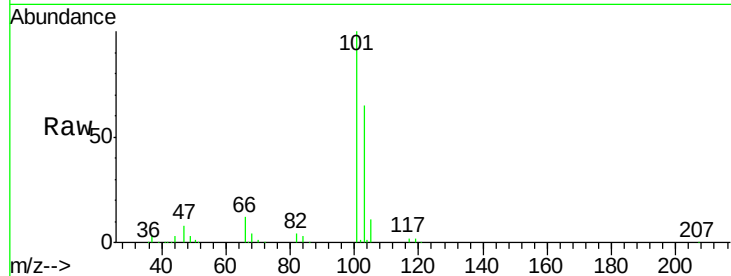


#7

Trichlorofluoromethane
Concen: 50.673 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064775.D
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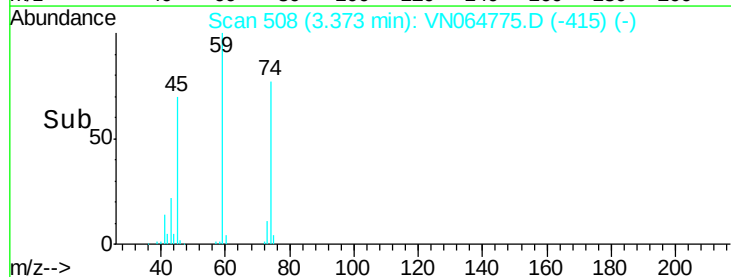
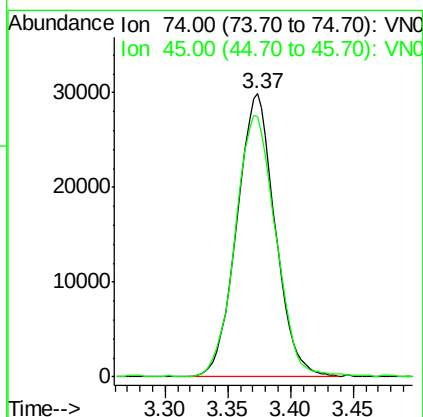
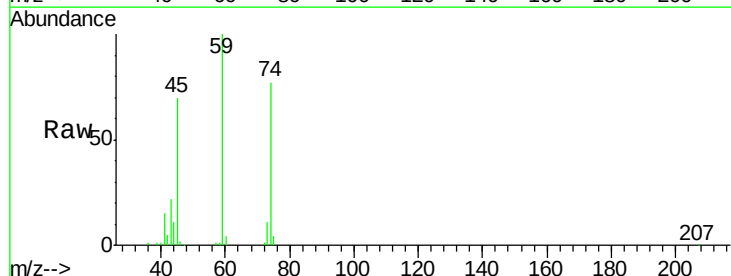
Tot Ion:101 Resp: 165481
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7

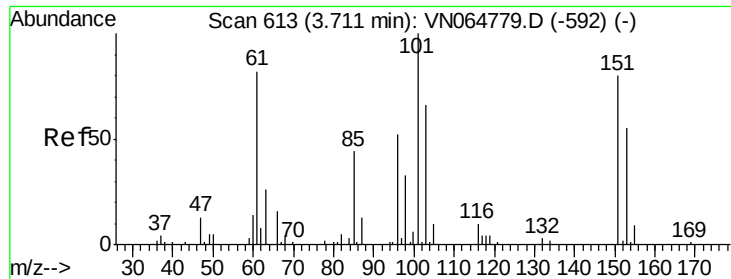


#8

Diethyl Ether
Concen: 49.255 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 74 Resp: 63491
Ion Ratio Lower Upper
74 100
45 98.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.485 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

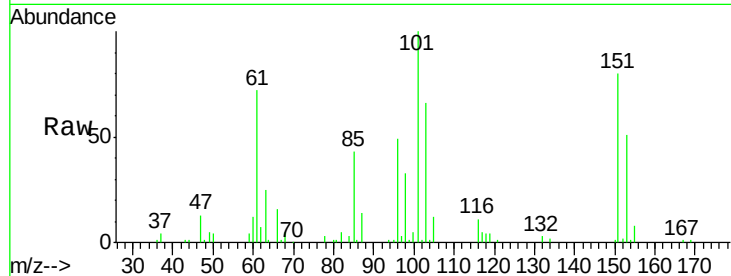
Tot Ion:101 Resp: 98901

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

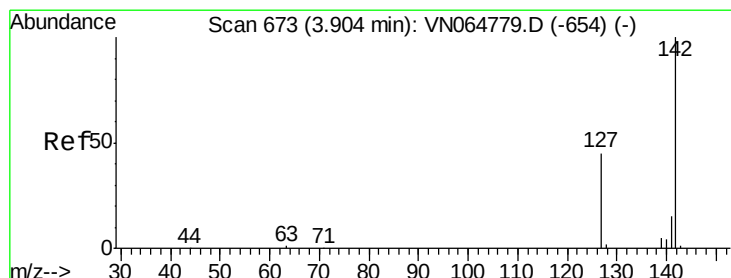
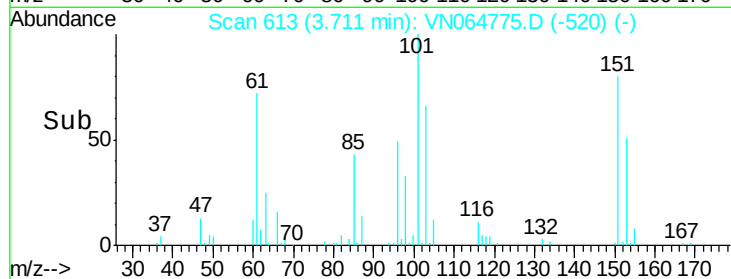
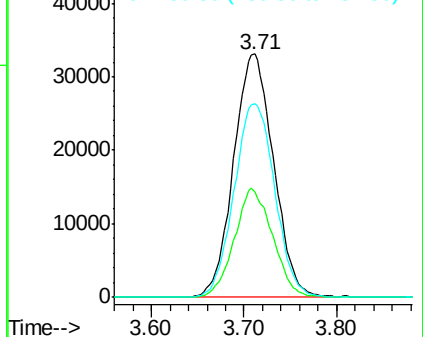
151 81.0 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.438 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

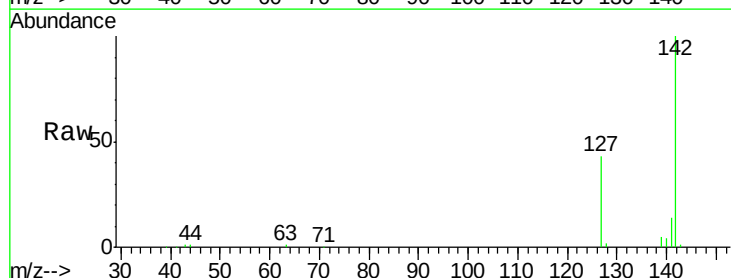
Tgt Ion:142 Resp: 133246

Ion Ratio Lower Upper

142 100

127 42.4 35.0 52.6

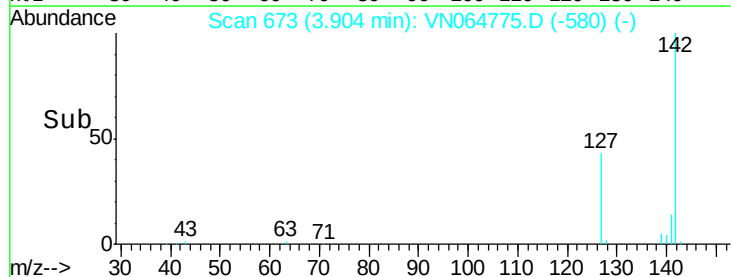
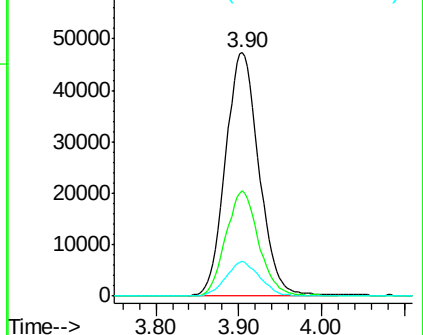
141 14.2 11.8 17.6

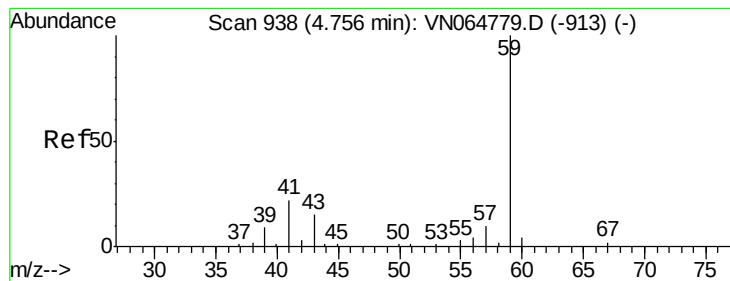


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



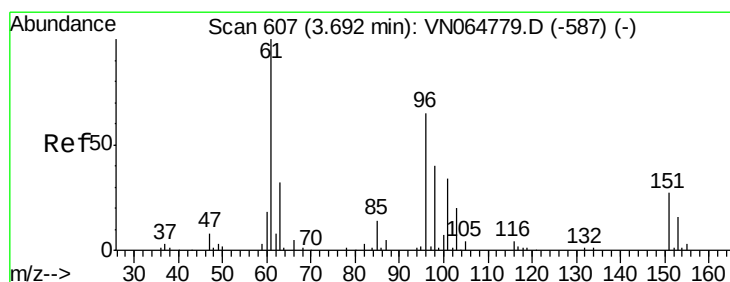
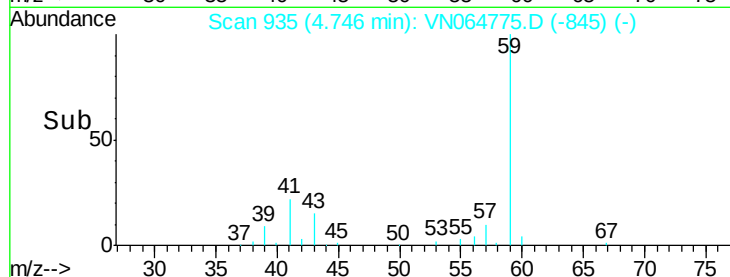
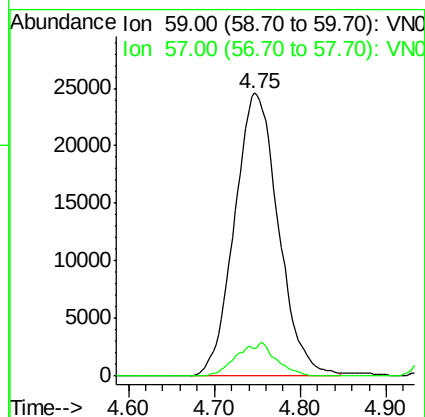
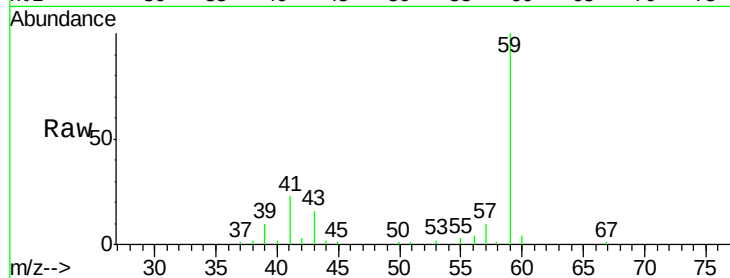


#11

Tert butyl alcohol
 Concen: 239.125 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

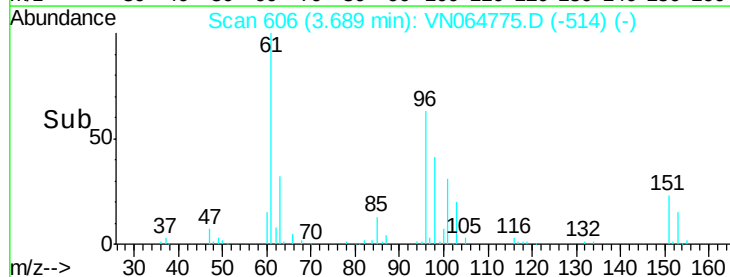
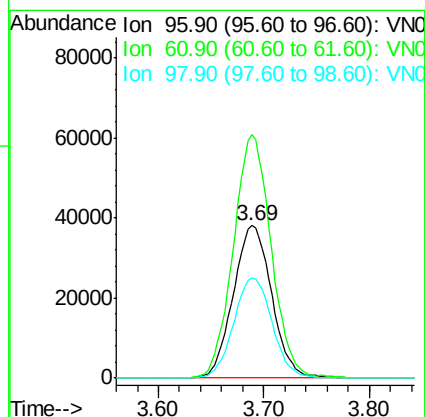
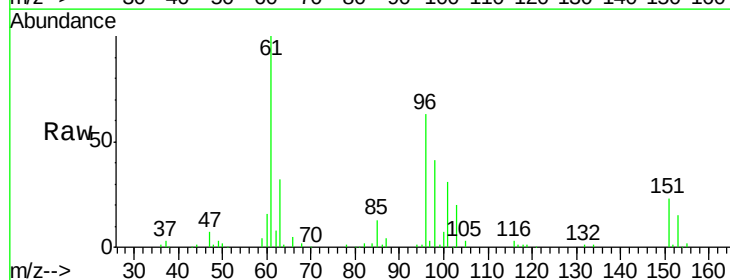
Tot Ion: 59 Resp: 87228
 Ion Ratio Lower Upper
 59 100
 57 5.2 7.9 11.9#

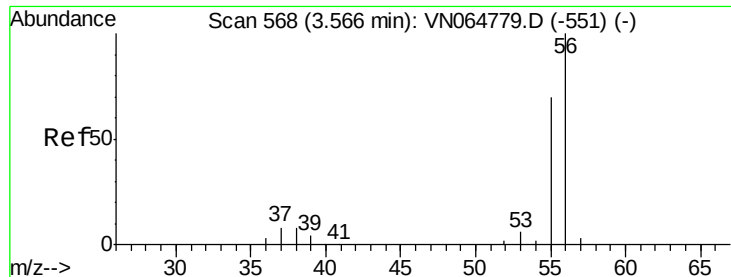


#12

1,1-Dichloroethene
 Concen: 49.535 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Tgt Ion: 96 Resp: 96643
 Ion Ratio Lower Upper
 96 100
 61 159.9 123.4 185.2
 98 65.9 49.8 74.8





#13

Acrolein

Concen: 73.133 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

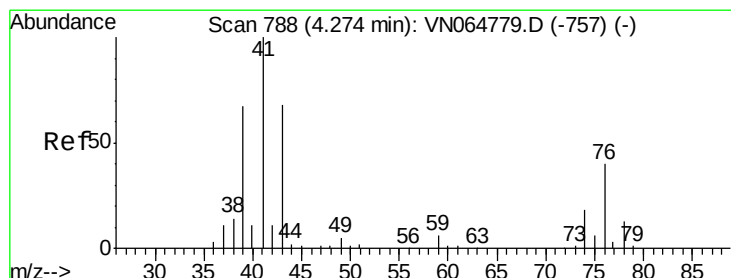
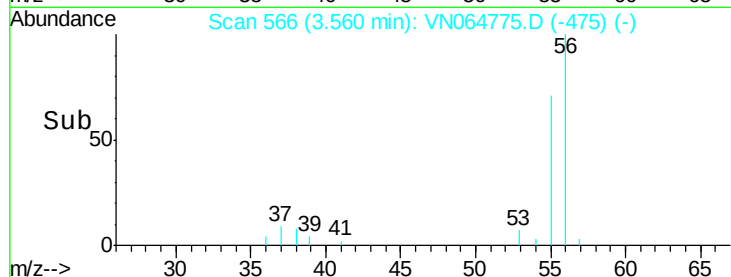
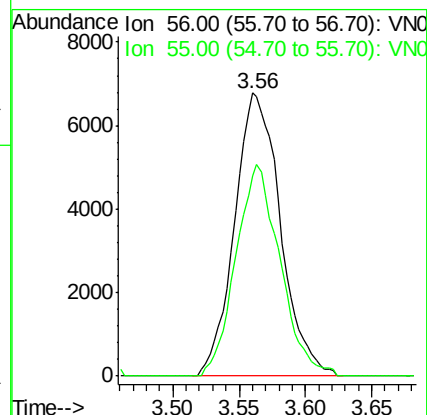
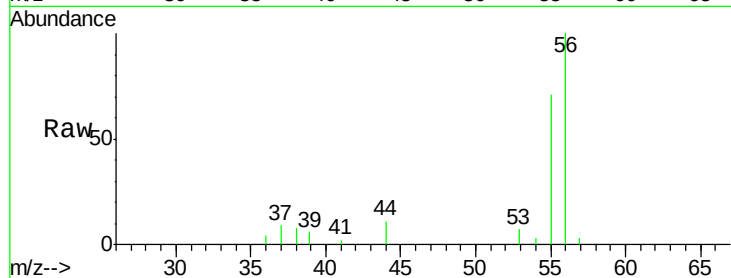
VSTDCCC050

Tot Ion: 56 Resp: 16295

Ion Ratio Lower Upper

56 100

55 72.2 56.5 84.7



#14

Allyl chloride

Concen: 49.717 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

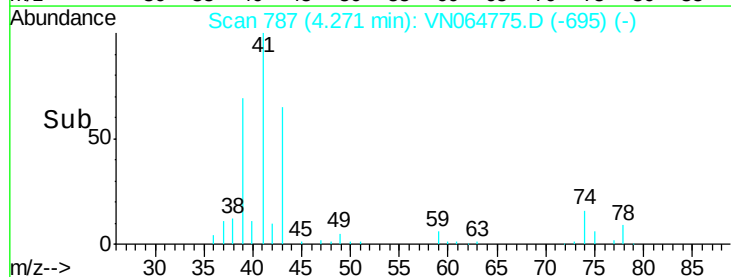
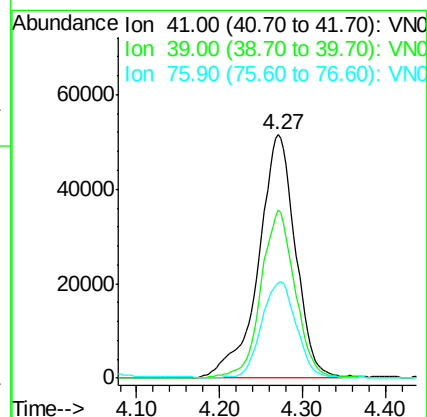
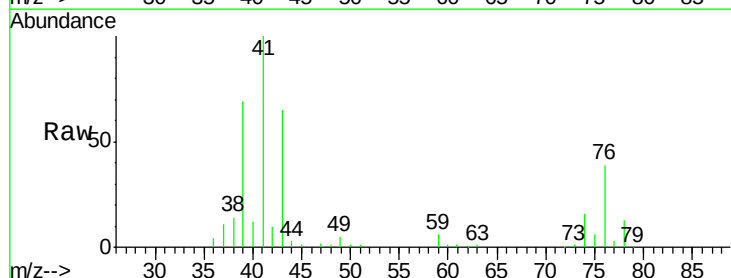
Tgt Ion: 41 Resp: 159984

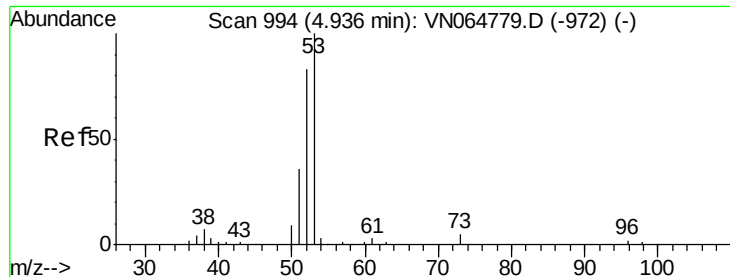
Ion Ratio Lower Upper

41 100

39 63.4 50.9 76.3

76 37.2 29.0 43.4





#15

Acrylonitrile

Concen: 246.924 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

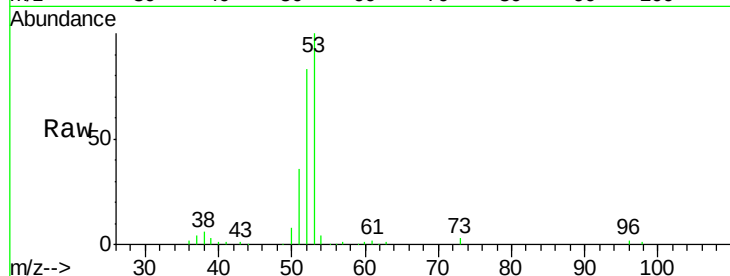
Tot Ion: 53 Resp: 248829

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

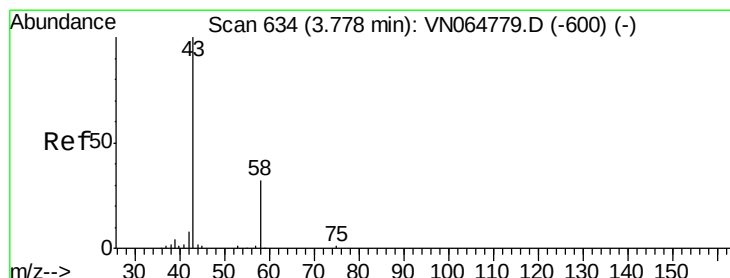
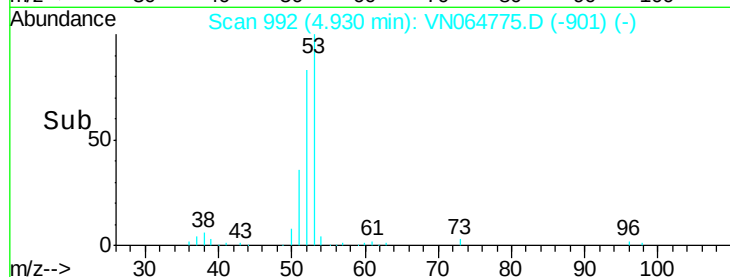
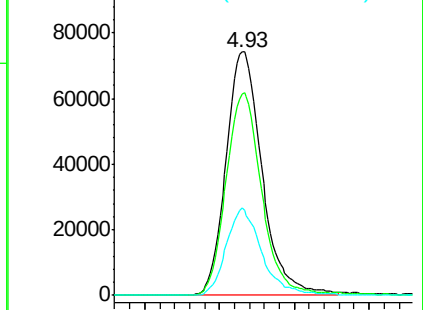
51 35.4 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064775.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064775.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064775.D (-901) (-)



#16

Acetone

Concen: 210.956 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064775.D

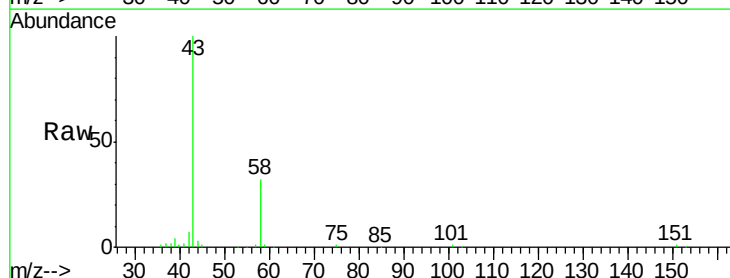
Acq: 23 Nov 2020 10:42

Tgt Ion: 43 Resp: 162206

Ion Ratio Lower Upper

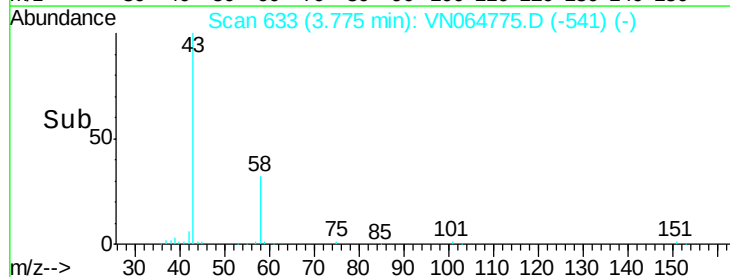
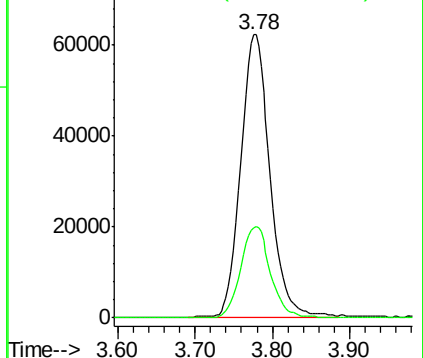
43 100

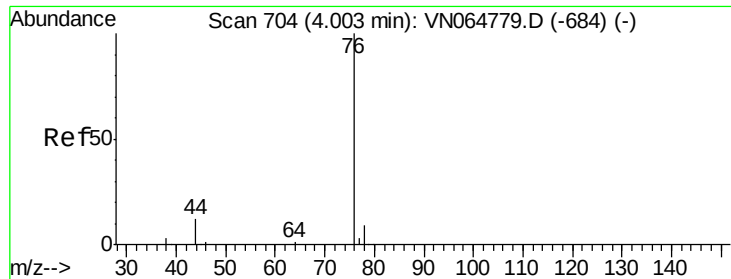
58 31.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064775.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064775.D (-541) (-)





#17

Carbon Disulfide

Concen: 53.818 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

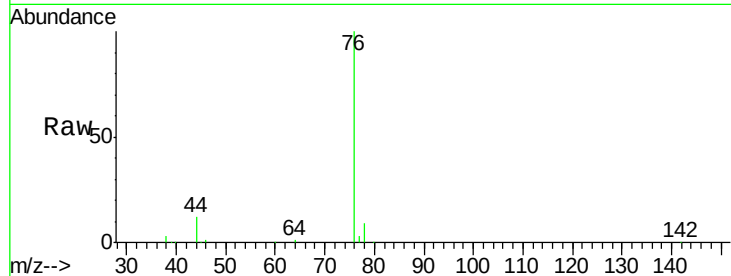
VSTDCCC050

Tot Ion: 76 Resp: 271111

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

120000

100000

80000

60000

40000

20000

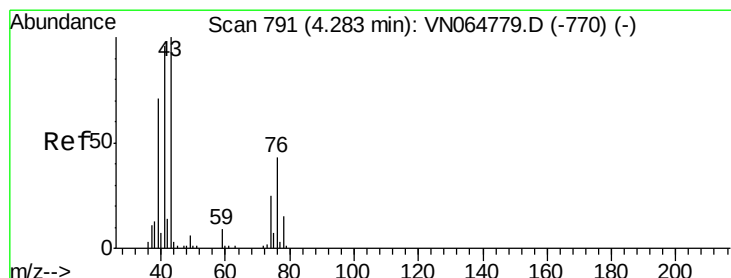
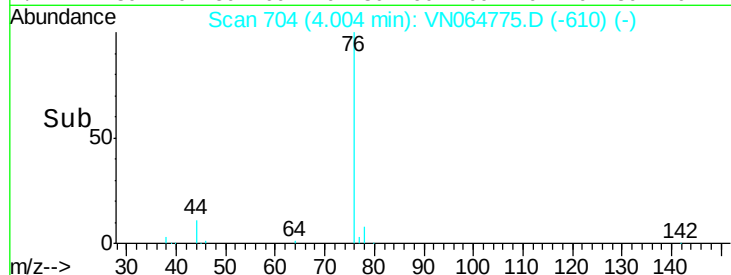
0

3.90

4.00

4.10

Time-->



#18

Methyl Acetate

Concen: 46.891 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064775.D

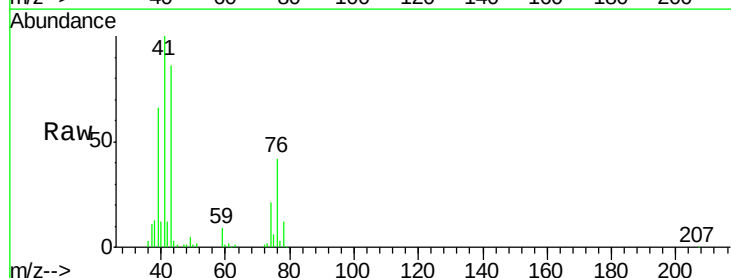
Acq: 23 Nov 2020 10:42

Tgt Ion: 43 Resp: 108403

Ion Ratio Lower Upper

43 100

74 25.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

40000

30000

20000

10000

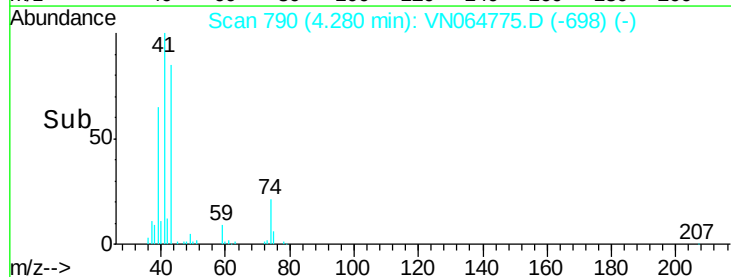
0

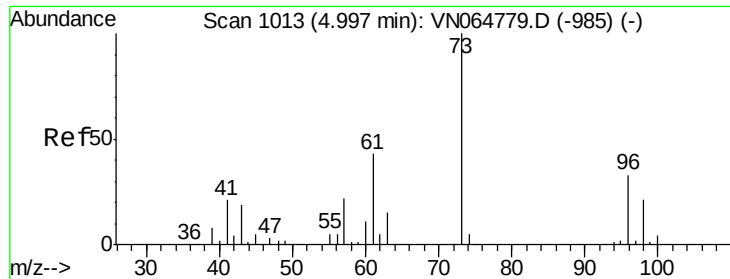
4.20

4.30

4.40

Time-->

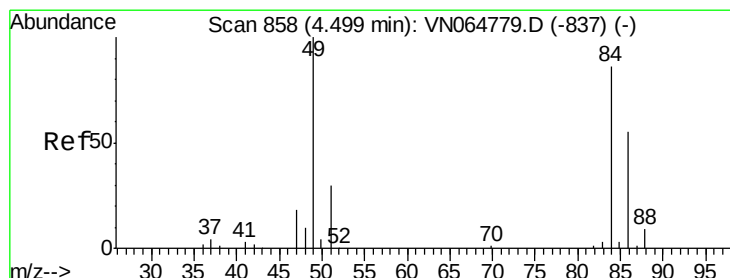
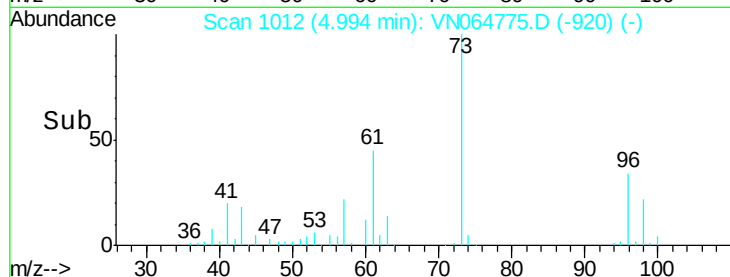
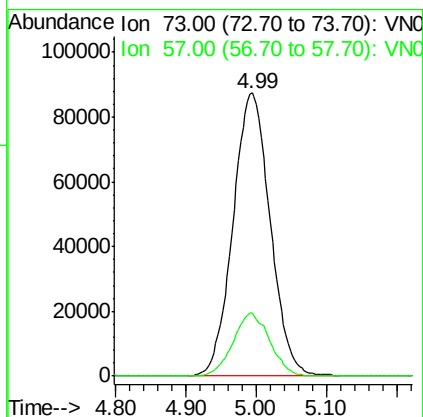
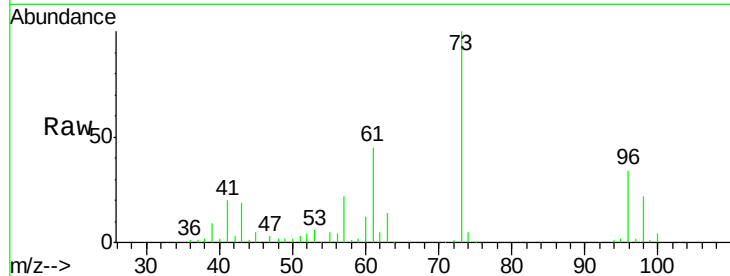




#19
Methyl tert-butyl Ether
Concen: 51.407 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

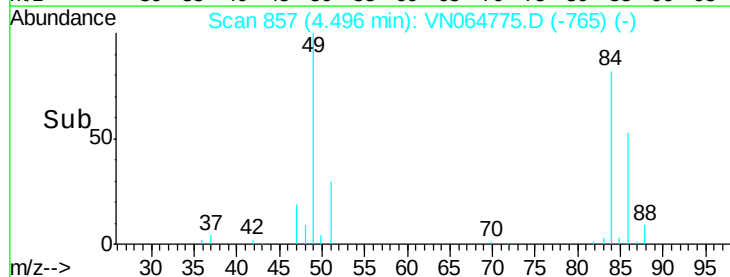
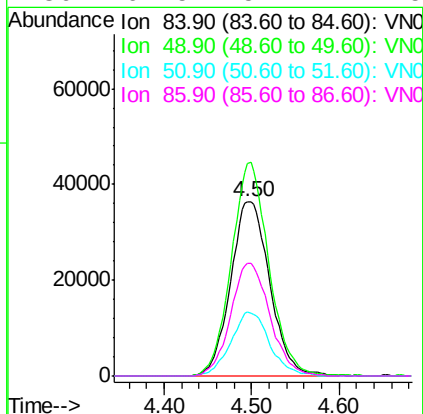
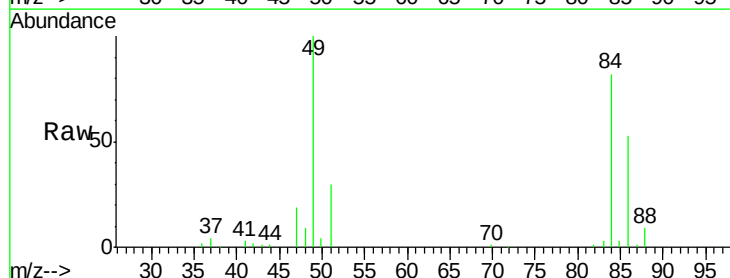
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

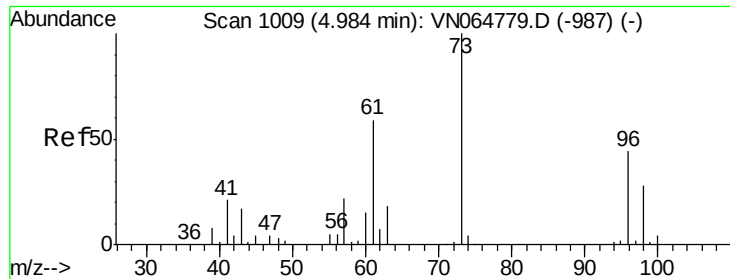
Tot Ion: 73 Resp: 321673
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0



#20
Methylene Chloride
Concen: 47.014 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 84 Resp: 113276
Ion Ratio Lower Upper
84 100
49 122.0 93.4 140.0
51 36.6 28.2 42.4
86 64.5 51.7 77.5

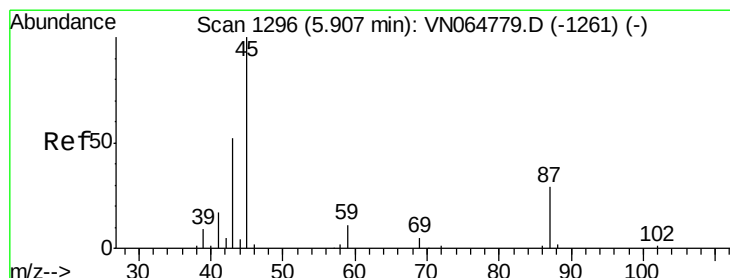
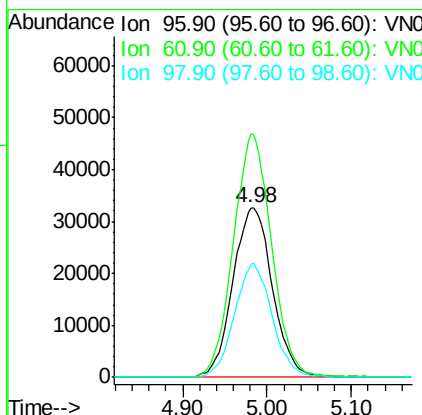
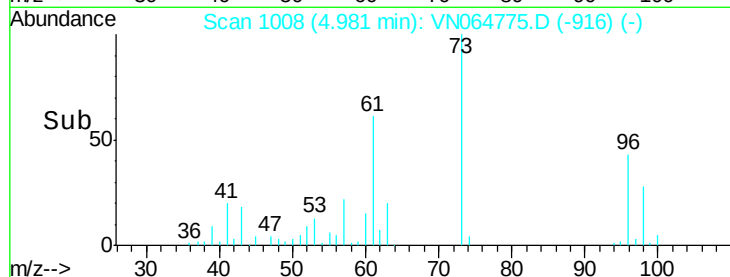
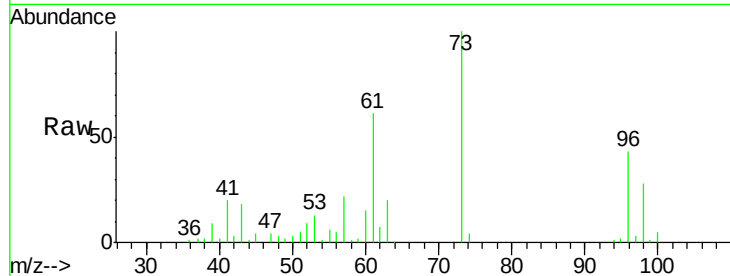




#21
trans-1,2-Dichloroethene
Concen: 49.089 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

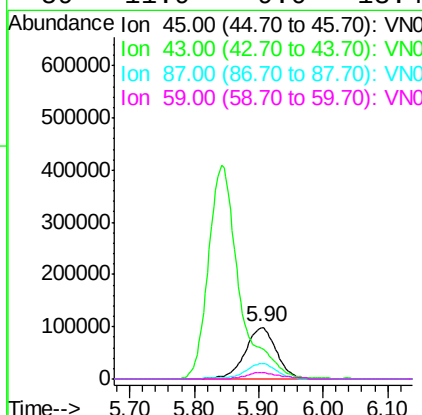
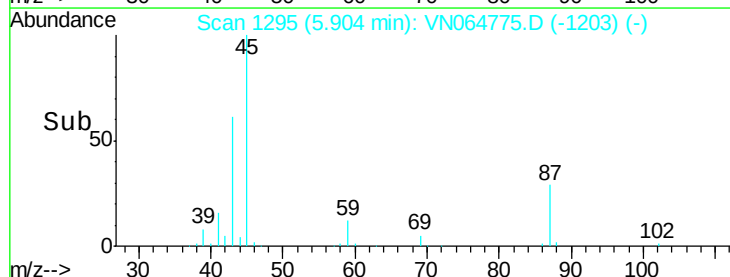
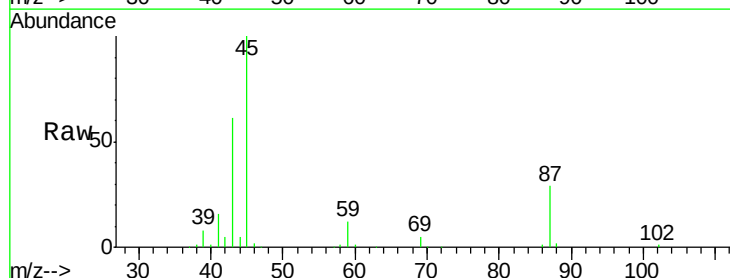
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

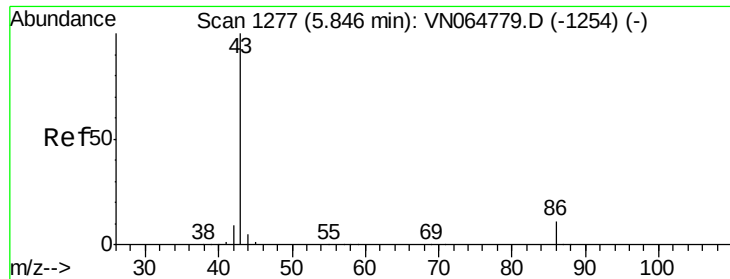
Tot Ion: 96 Resp: 106355
Ion Ratio Lower Upper
96 100
61 143.2 108.4 162.6
98 66.4 51.3 76.9



#22
Diisopropyl ether
Concen: 51.938 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 45 Resp: 334522
Ion Ratio Lower Upper
45 100
43 59.6 46.2 69.2
87 29.3 24.1 36.1
59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 263.738 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

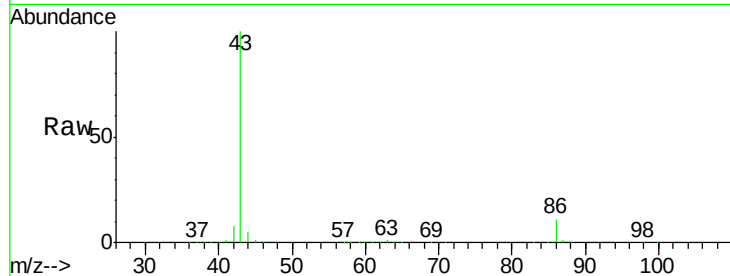
VSTDCCC050

Tot Ion: 43 Resp: 1358402

Ion Ratio Lower Upper

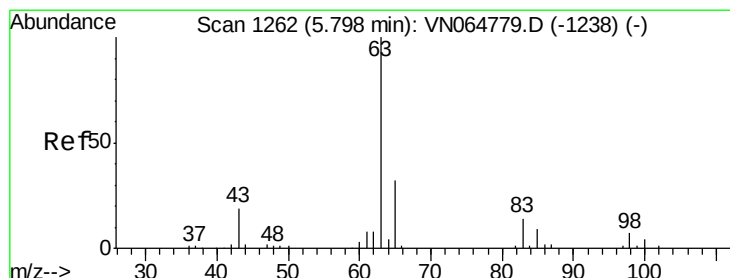
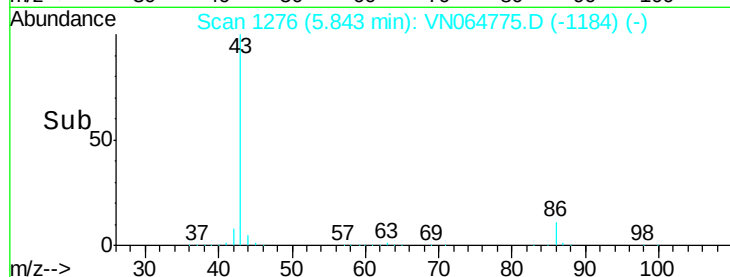
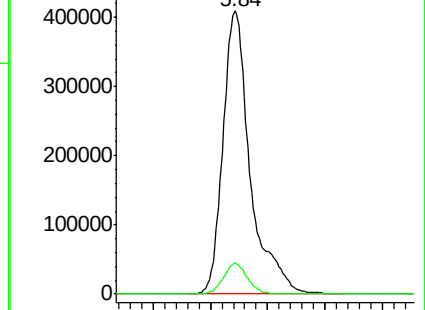
43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064779.D (-1254) (-)



#24

1,1-Dichloroethane

Concen: 50.804 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

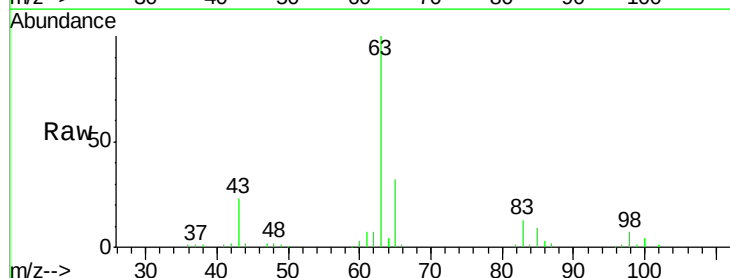
Tgt Ion: 63 Resp: 195556

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

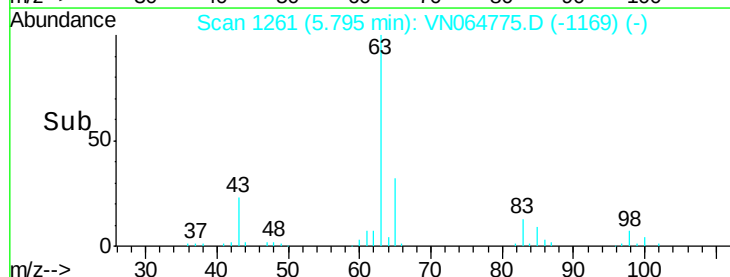
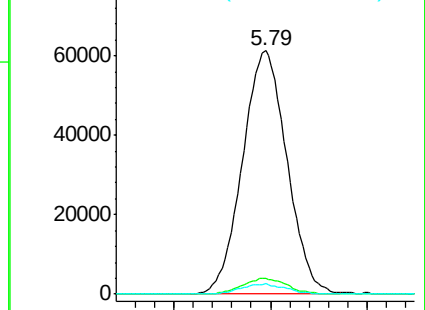
100 4.1 2.3 6.8

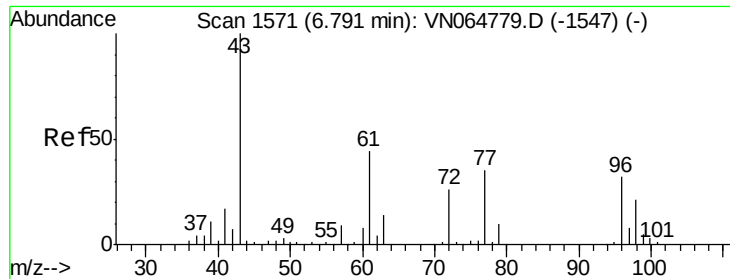


Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN064779.D (-1238) (-)





#25

2-Butanone

Concen: 236.640 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

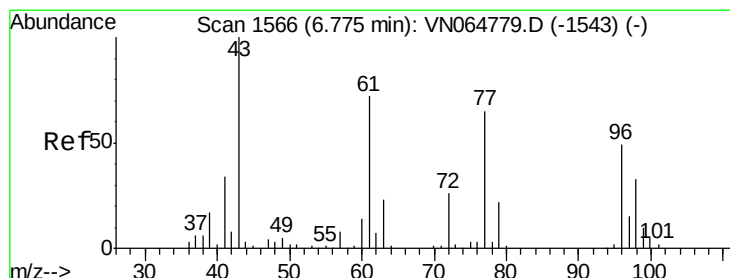
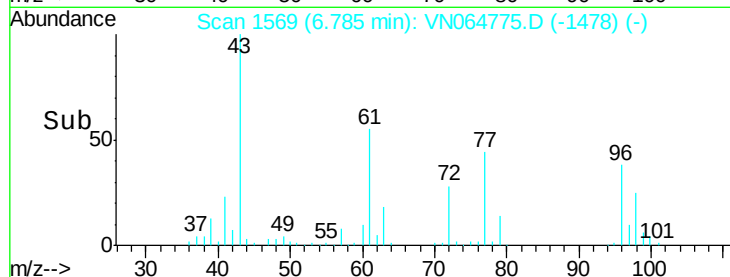
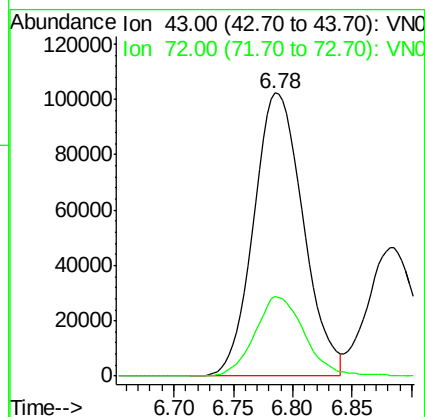
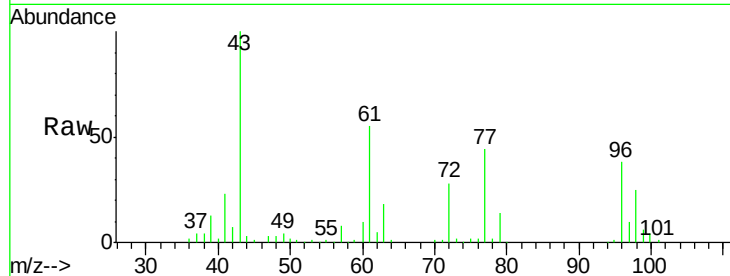
VSTDCCC050

Tot Ion: 43 Resp: 294958

Ion Ratio Lower Upper

43 100

72 28.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 51.088 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064775.D

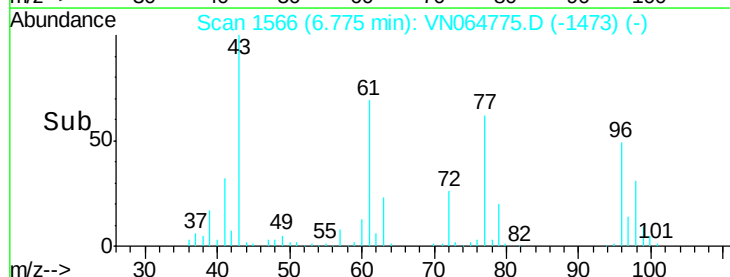
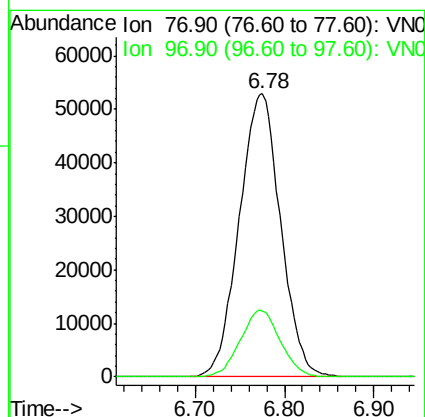
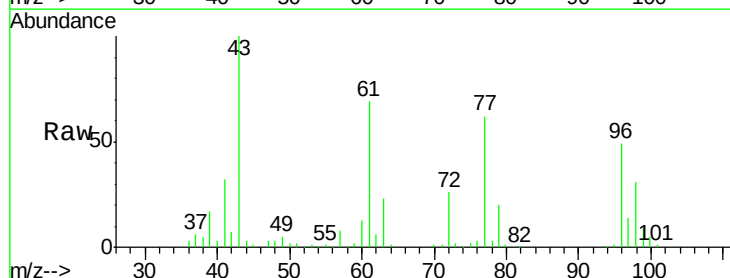
Acq: 23 Nov 2020 10:42

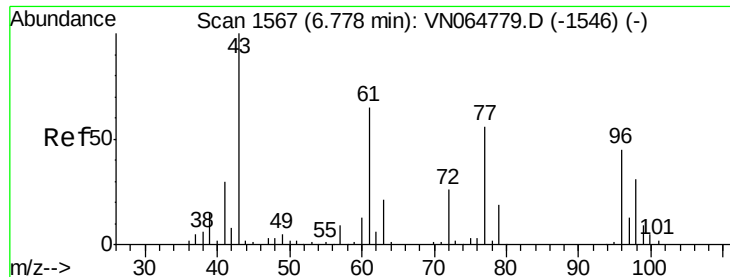
Tgt Ion: 77 Resp: 170558

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.338 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

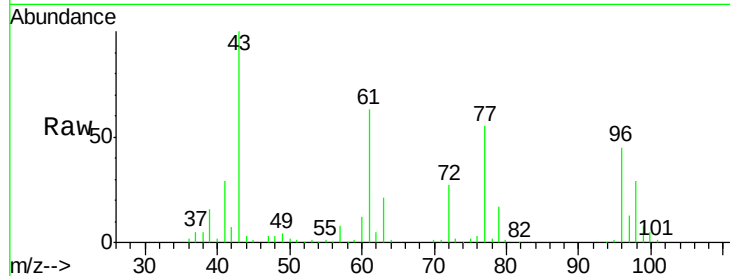
Tot Ion: 96 Resp: 122724

Ion Ratio Lower Upper

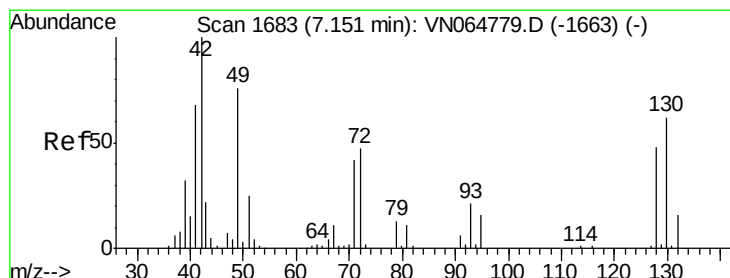
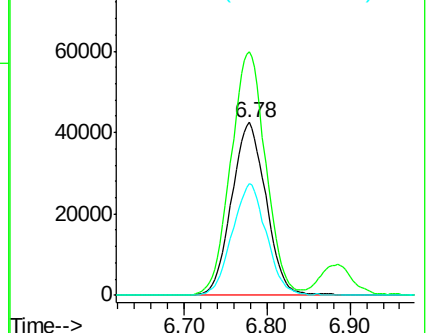
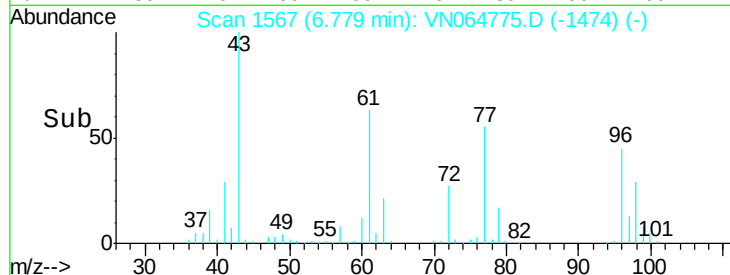
96 100

61 142.9 0.0 285.8

98 64.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064775.D (-1474) (-)



#28

Bromochloromethane

Concen: 46.567 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

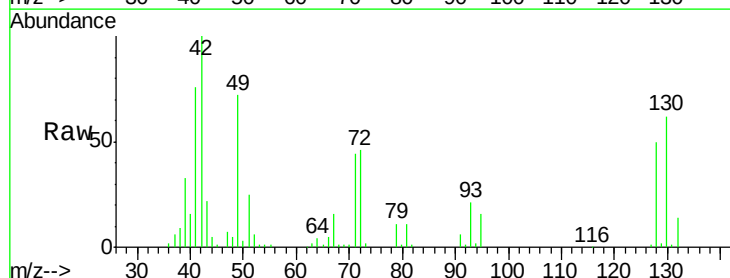
Tgt Ion: 49 Resp: 82001

Ion Ratio Lower Upper

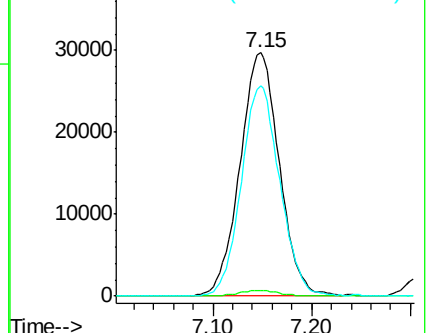
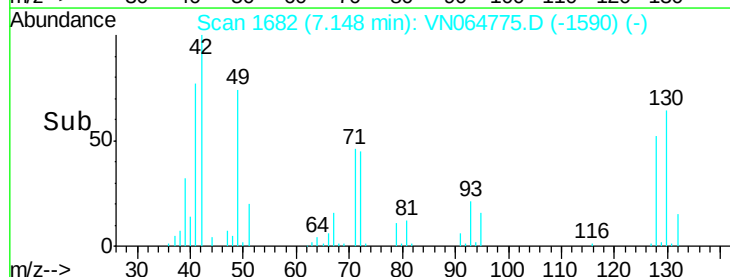
49 100

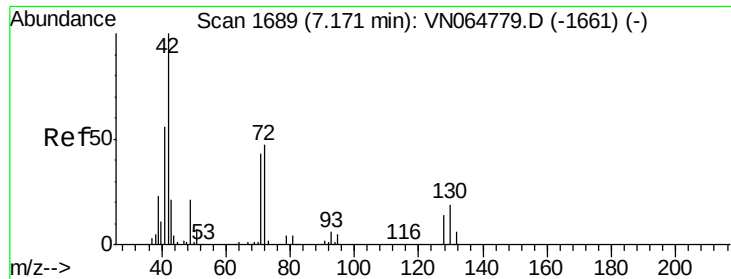
129 2.2 0.0 3.8

130 84.6 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN064775.D (-1590) (-)

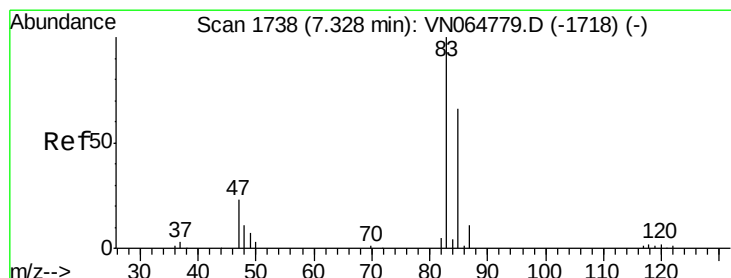
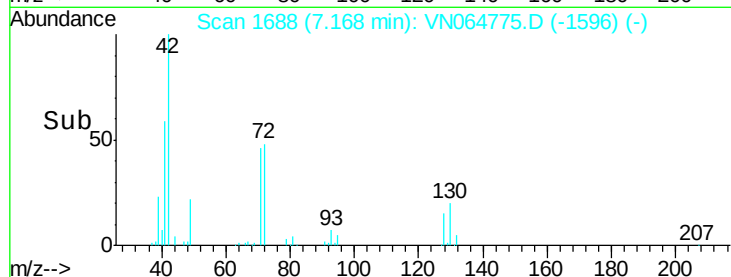
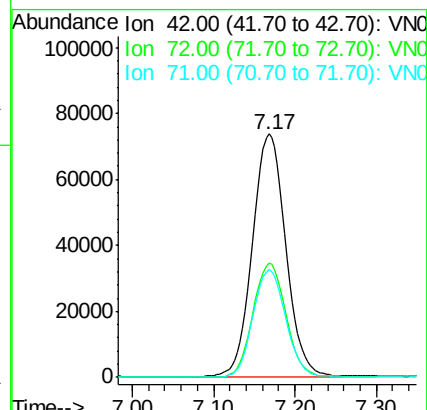
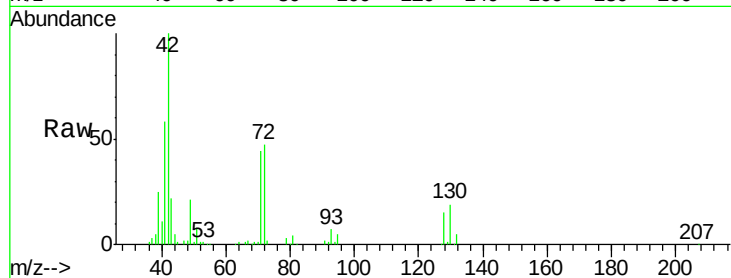




#29
Tetrahydrofuran
Concen: 243.411 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

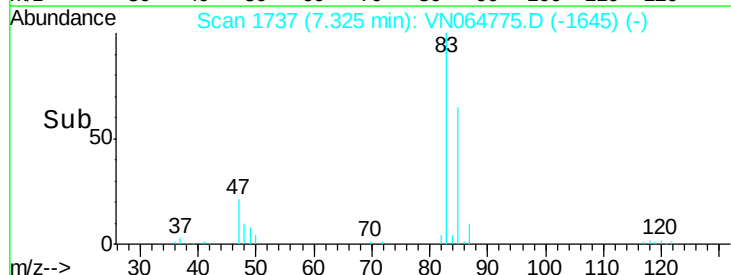
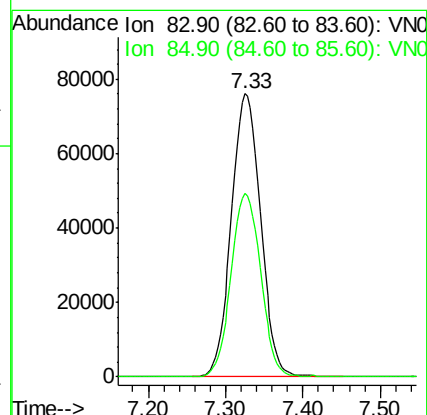
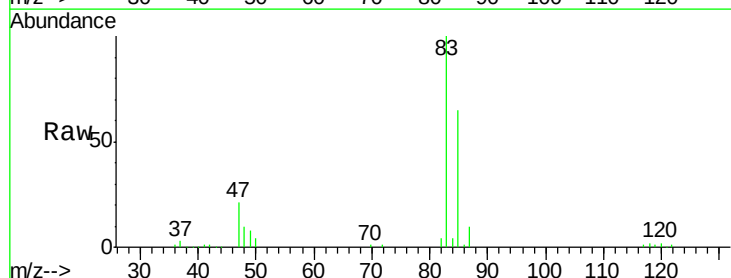
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

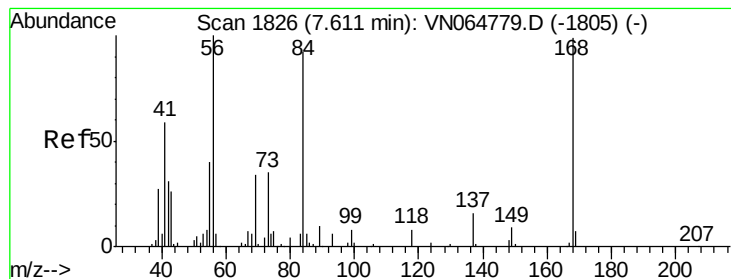
Tot Ion: 42 Resp: 209433
Ion Ratio Lower Upper
42 100
72 46.0 36.6 54.8
71 43.4 33.6 50.4



#30
Chloroform
Concen: 50.373 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 83 Resp: 199957
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8





#31

Cyclohexane

Concen: 49.405 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

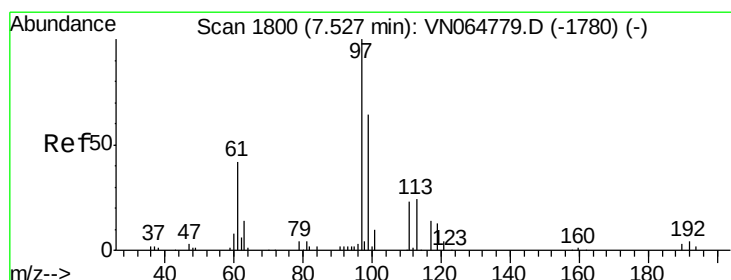
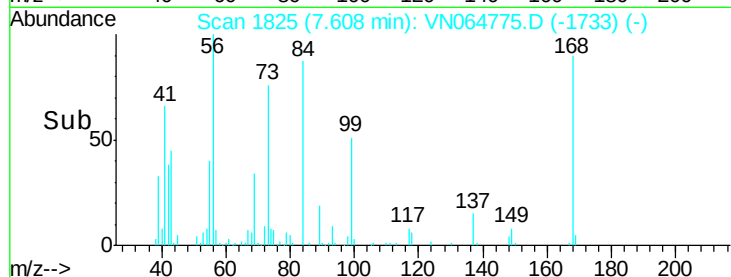
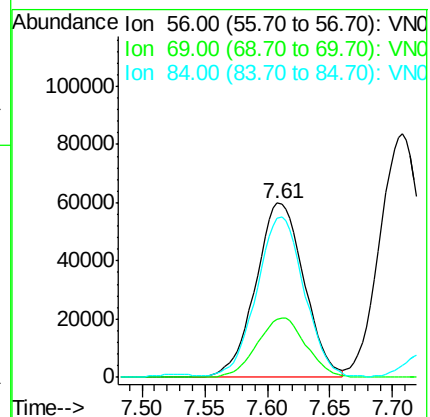
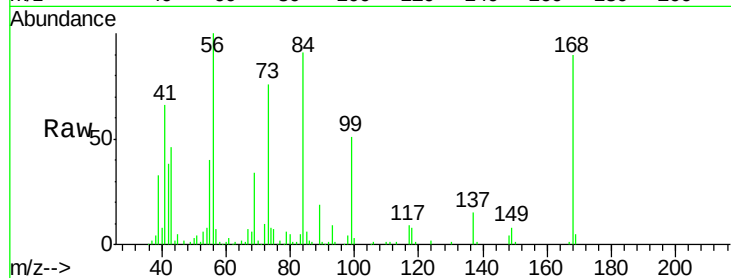
Tot Ion: 56 Resp: 161065

Ion Ratio Lower Upper

56 100

69 33.5 27.5 41.3

84 89.9 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 50.740 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

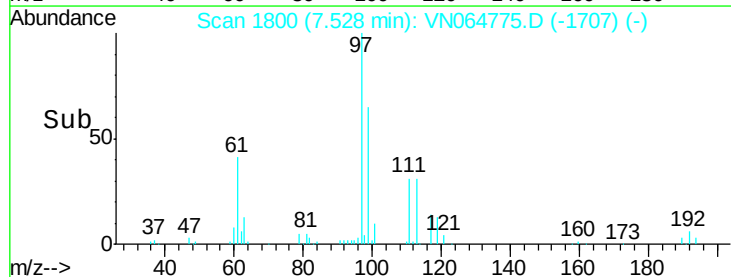
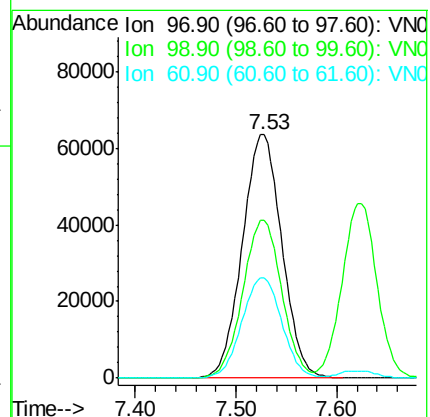
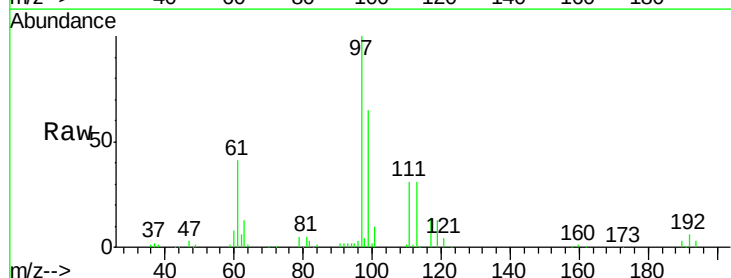
Tgt Ion: 97 Resp: 172987

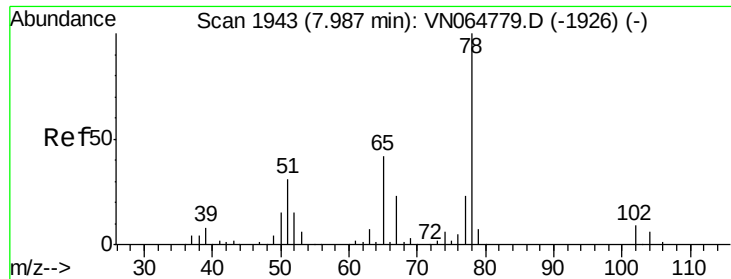
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 41.6 33.9 50.9

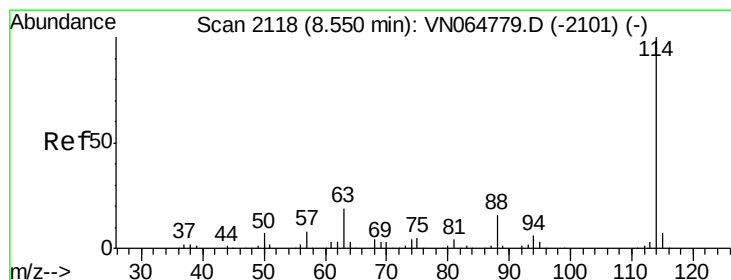
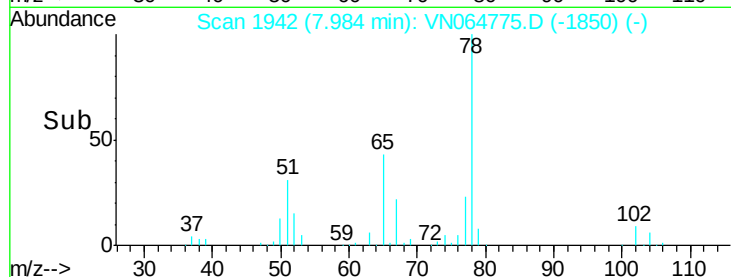
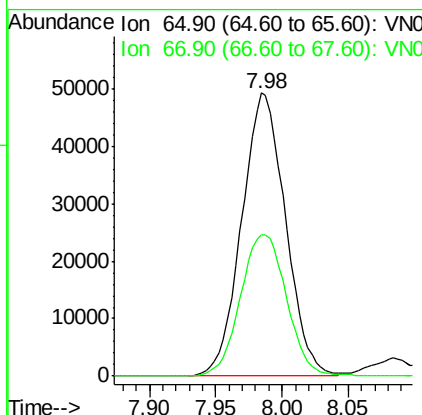
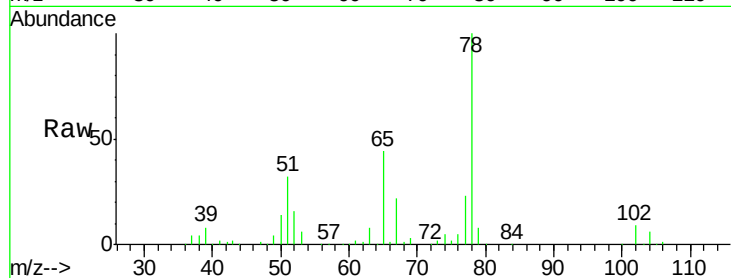




#33
 1,2-Dichloroethane-d4
 Concen: 48.296 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

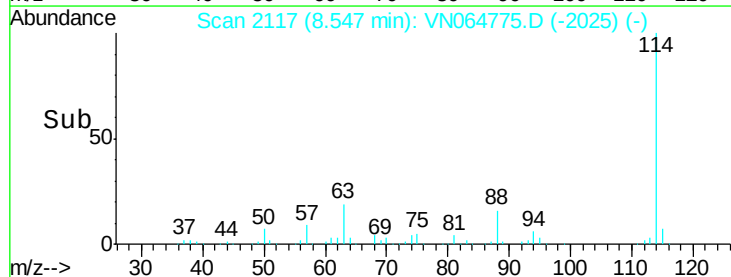
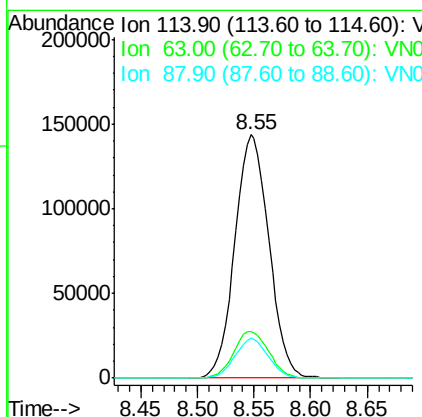
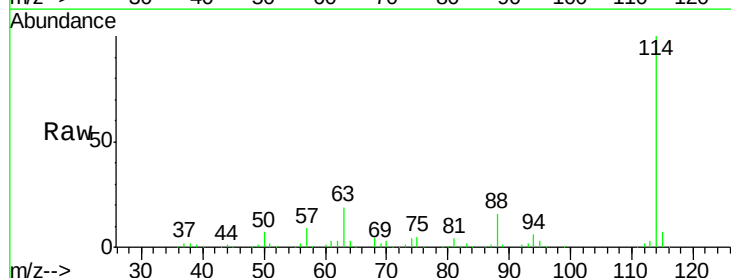
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

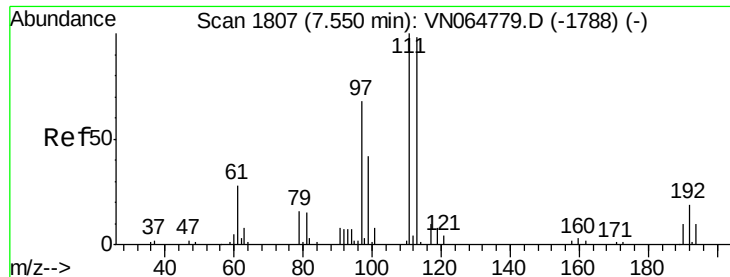
Tot Ion: 65 Resp: 112967
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Tgt Ion: 114 Resp: 301083
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 16.3 0.0 32.6

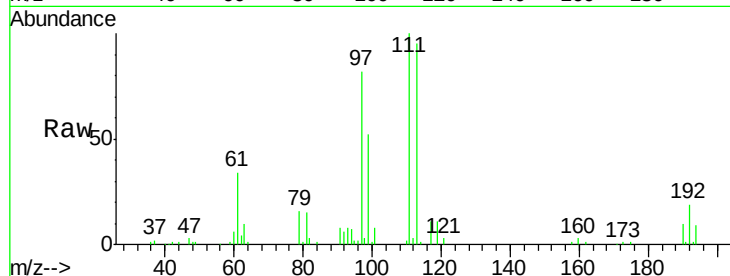




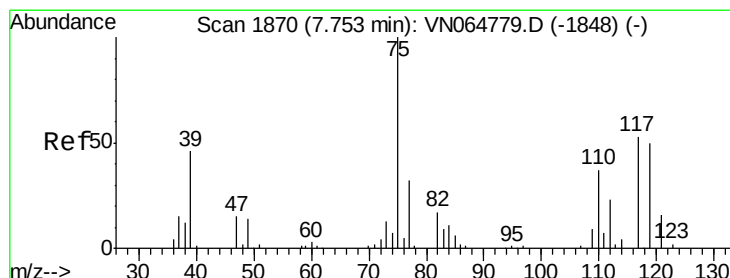
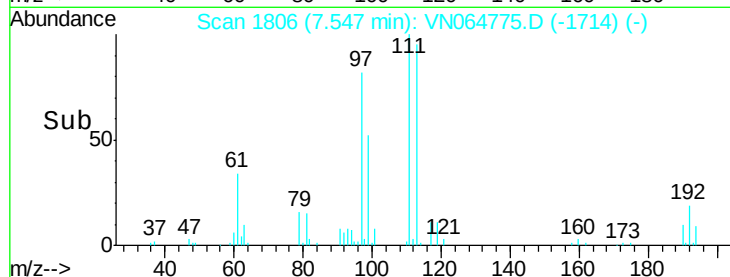
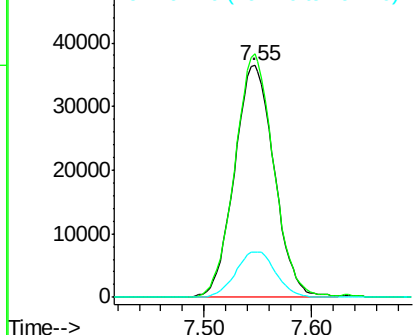
#35
 Dibromofluoromethane
 Concen: 51.956 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 93603
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.6 122.4
 192 19.6 16.2 24.2

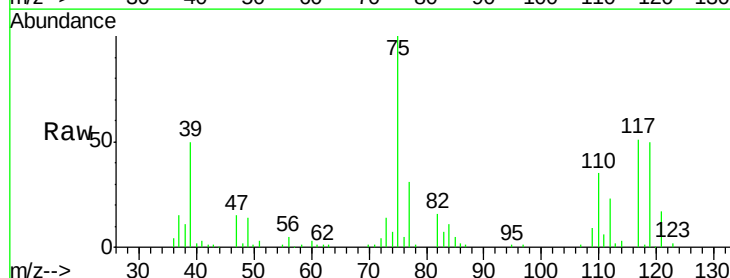


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

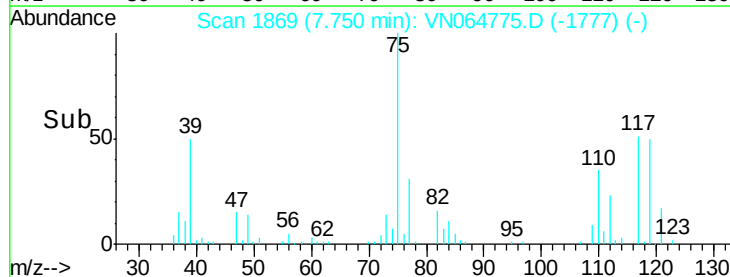
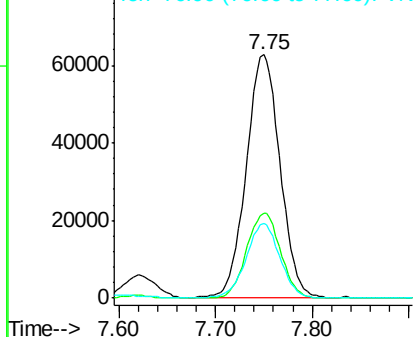


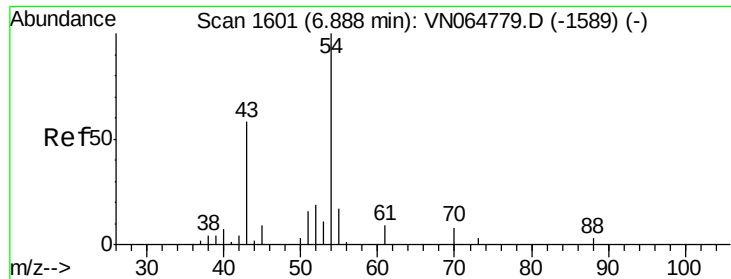
#36
 1,1-Dichloropropene
 Concen: 54.753 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Tgt Ion: 75 Resp: 152800
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.8 53.3
 77 30.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

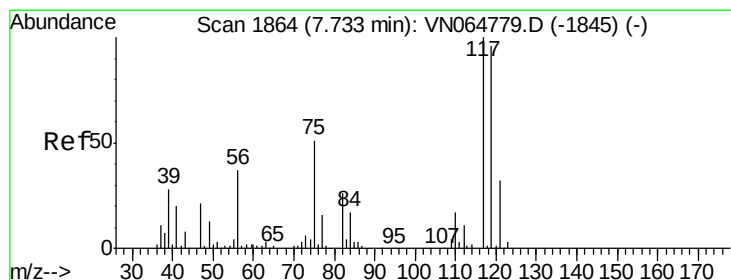
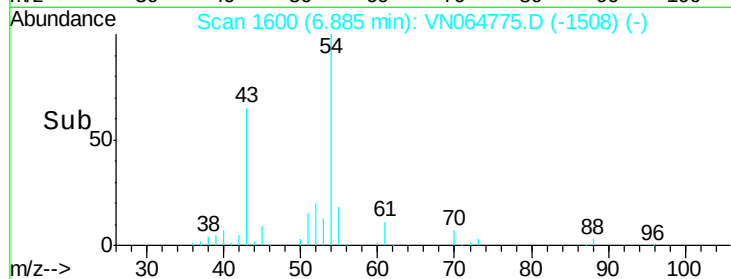
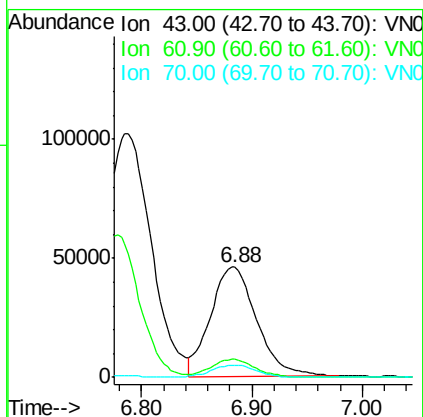
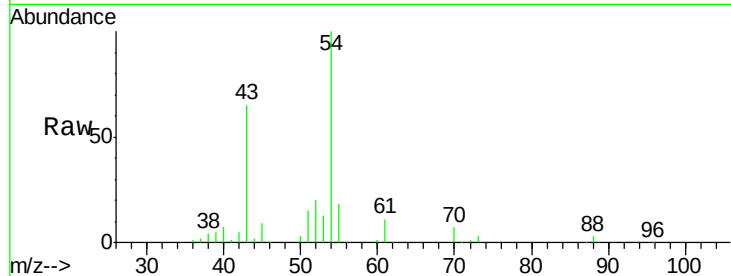




#37
Ethyl Acetate
Concen: 49.231 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

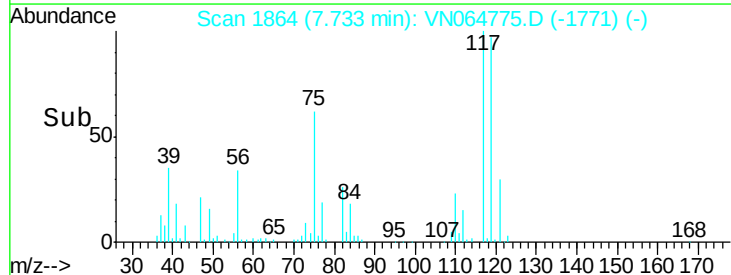
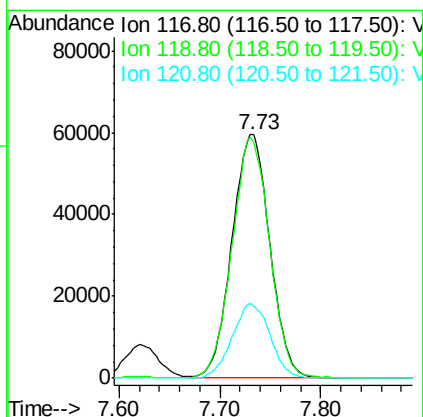
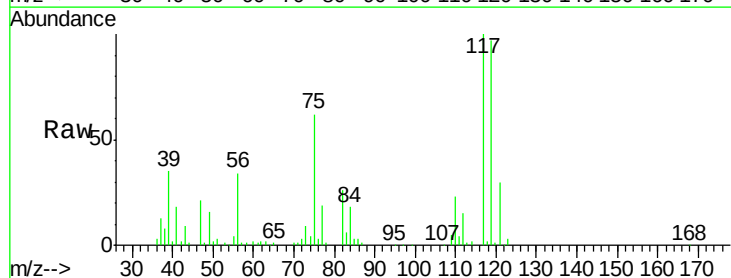
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

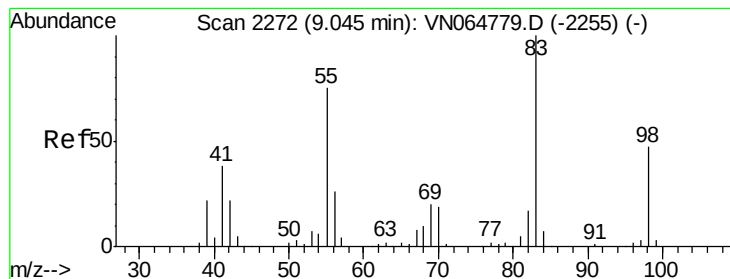
Tot Ion: 43 Resp: 132343
Ion Ratio Lower Upper
43 100
61 15.1 12.8 19.2
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 53.454 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 117 Resp: 155218
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1
121 29.7 25.4 38.2





#39

Methylvlcyclohexane

Concen: 54.344 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

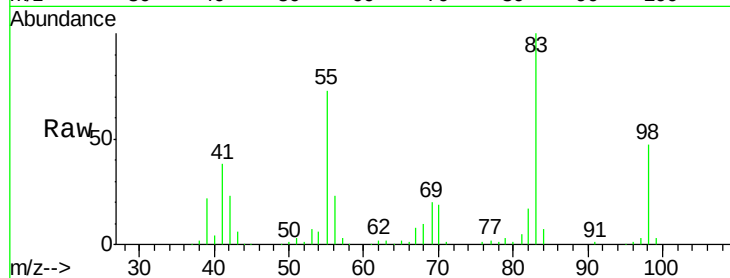
Tot Ion: 83 Resp: 163263

Ion Ratio Lower Upper

83 100

55 73.0 60.2 90.2

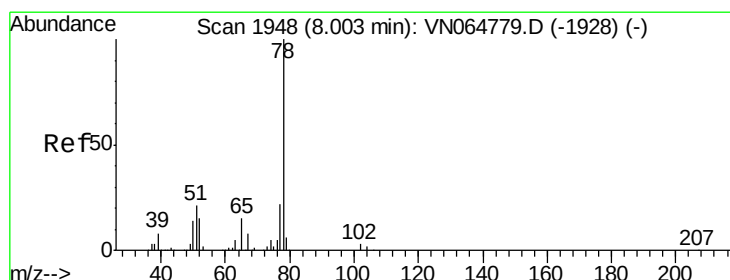
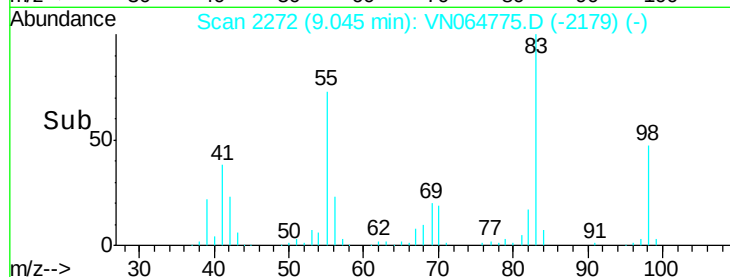
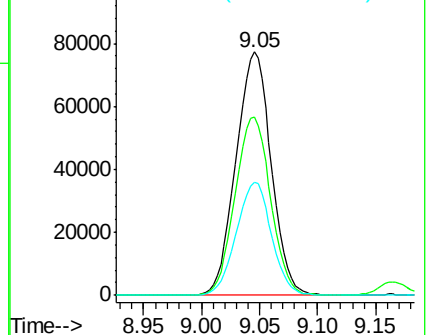
98 46.6 37.4 56.2



Abundance Ion 83.00 (82.70 to 83.70): VN064779.D (-2255) (-)

Ion 55.00 (54.70 to 55.70): VN064779.D (-2255) (-)

Ion 98.00 (97.70 to 98.70): VN064779.D (-2255) (-)



#40

Benzene

Concen: 52.787 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064775.D

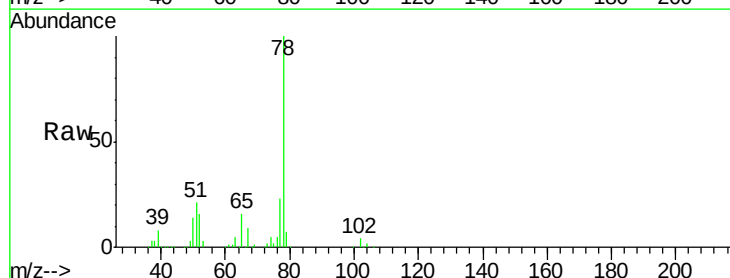
Acq: 23 Nov 2020 10:42

Tgt Ion: 78 Resp: 451423

Ion Ratio Lower Upper

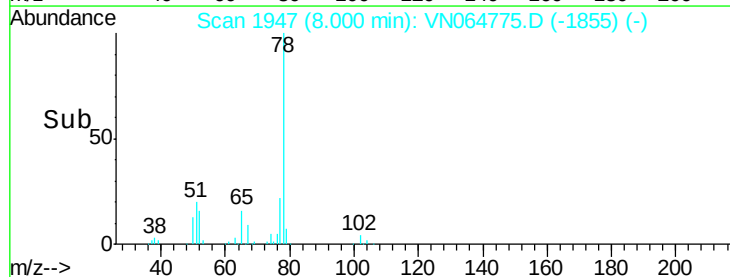
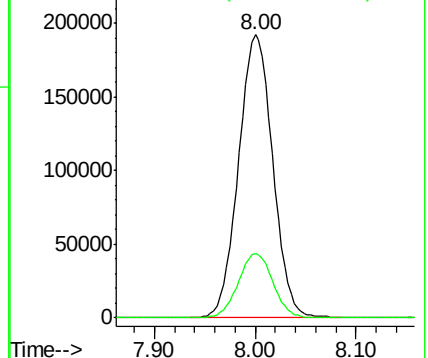
78 100

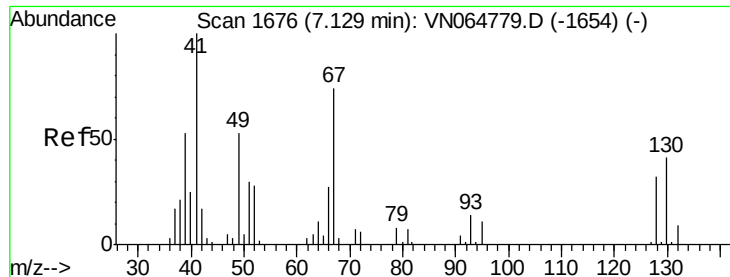
77 22.7 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN064779.D (-1928) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-1928) (-)

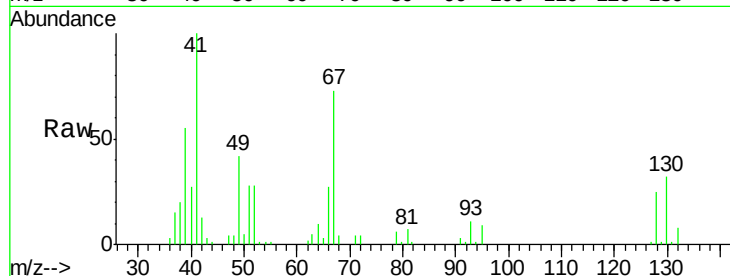




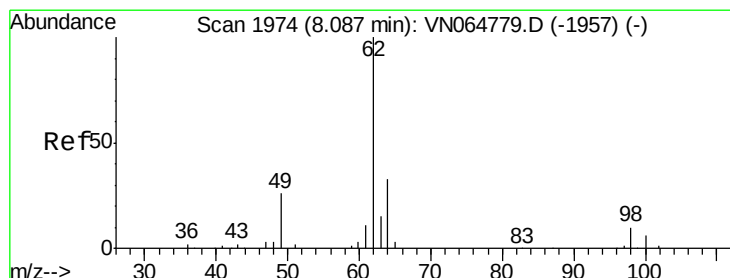
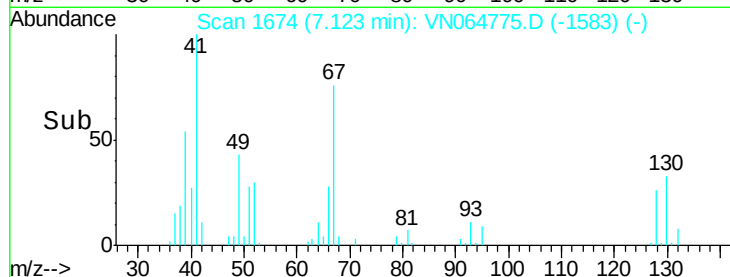
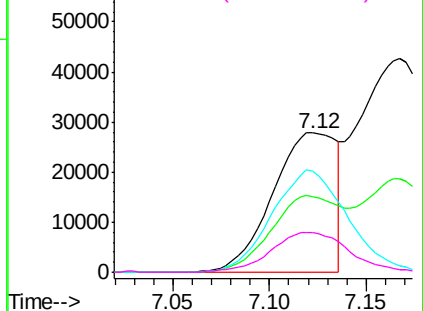
#41
Methacrylonitrile
Concen: 51.279 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	63607
Ion	Ratio	Lower	Upper
41	100		
39	62.5	51.0	76.6
67	87.4	79.8	119.8
52	35.7	31.5	47.3

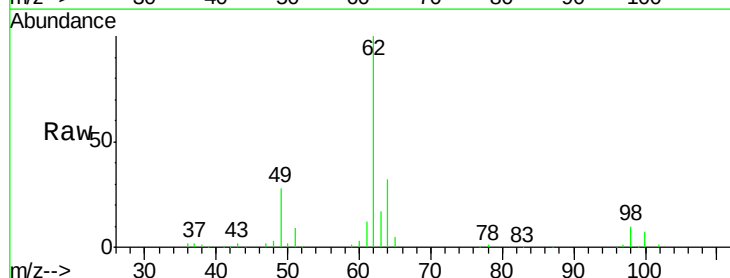


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

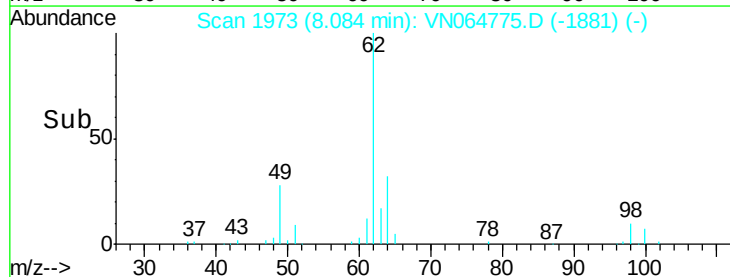
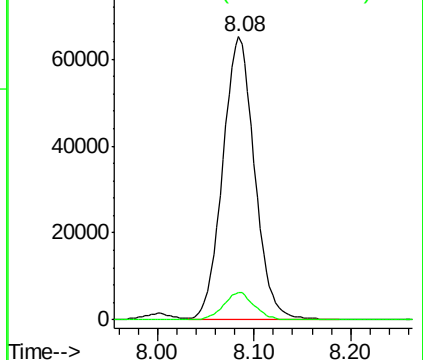


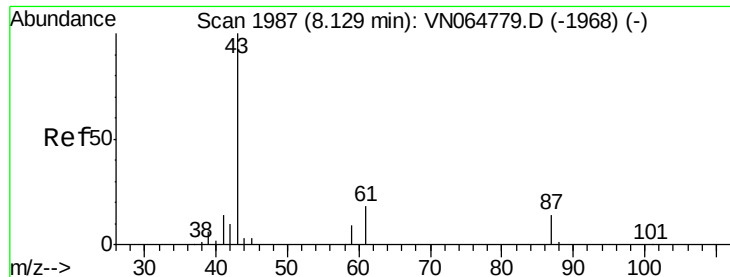
#42
1,2-Dichloroethane
Concen: 51.682 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion:	62	Resp:	149096
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 51.572 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

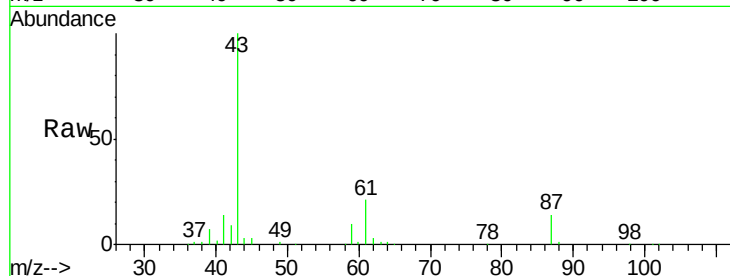
Tot Ion: 43 Resp: 223086

Ion Ratio Lower Upper

43 100

61 21.8 17.2 25.8

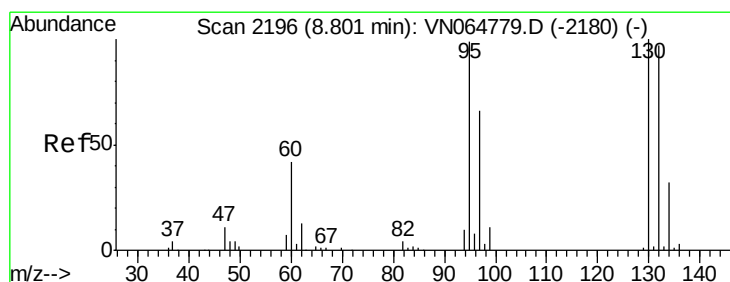
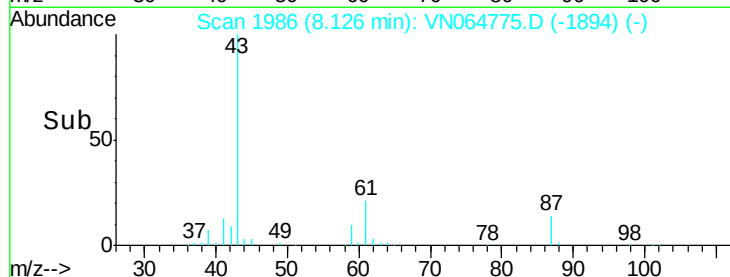
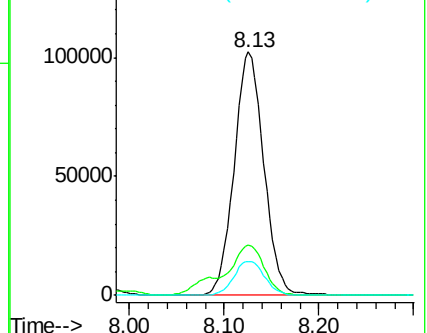
87 14.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064775.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064775.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064775.D (-1968) (-)



#44

Trichloroethene

Concen: 52.607 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064775.D

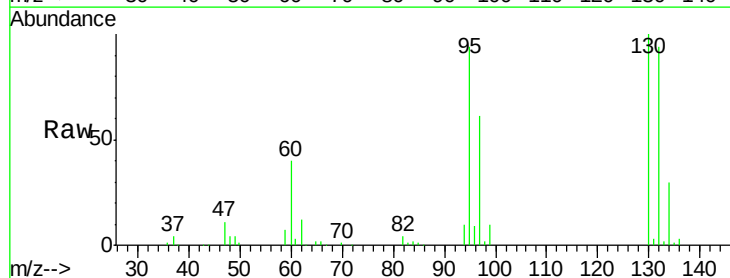
Acq: 23 Nov 2020 10:42

Tgt Ion:130 Resp: 132739

Ion Ratio Lower Upper

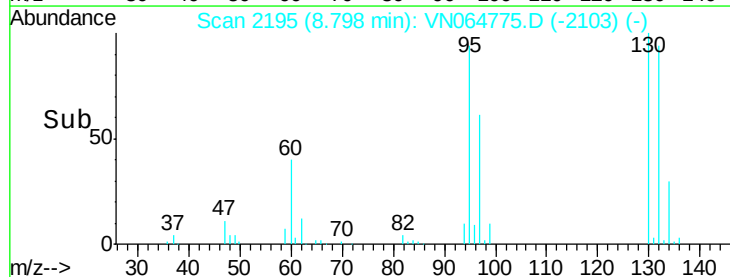
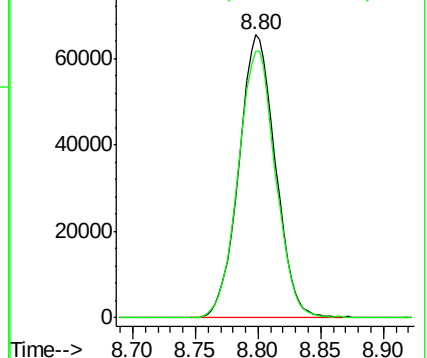
130 100

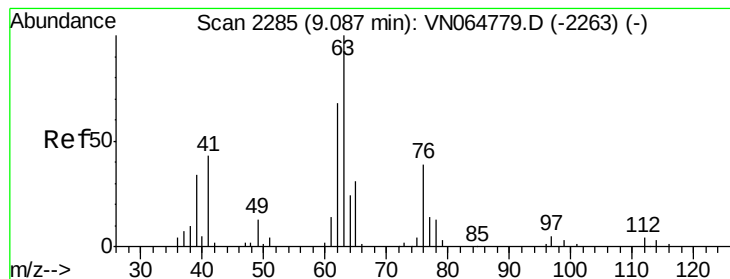
95 94.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064775.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064775.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 53.204 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

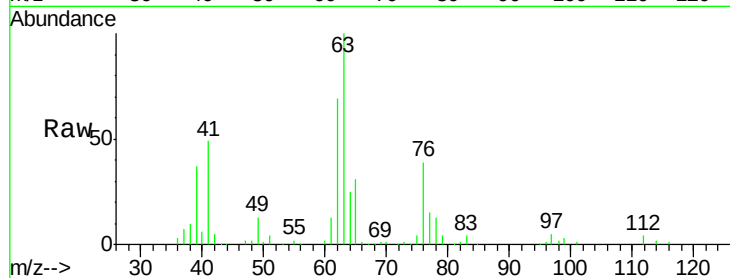
VSTDCCC050

Tot Ion: 63 Resp: 117827

Ion Ratio Lower Upper

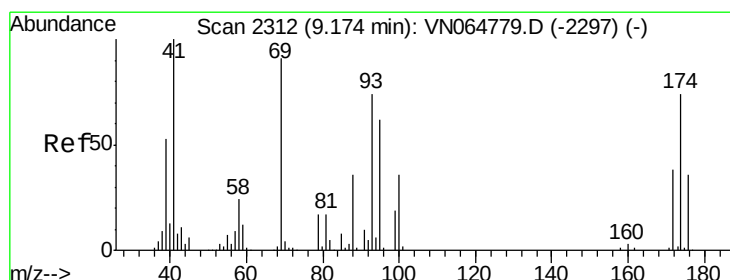
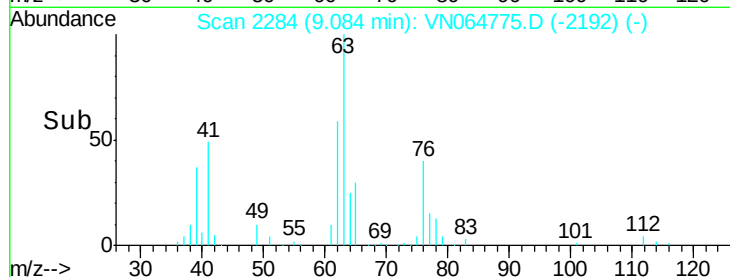
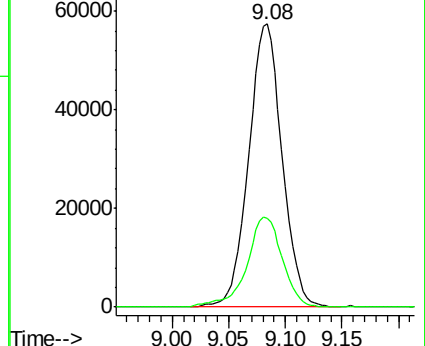
63 100

65 31.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN064775.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN064775.D (-2192) (-)



#46

Dibromomethane

Concen: 52.551 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

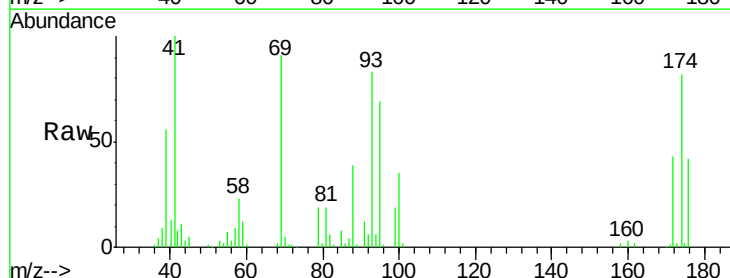
Tgt Ion: 93 Resp: 77751

Ion Ratio Lower Upper

93 100

95 85.1 68.8 103.2

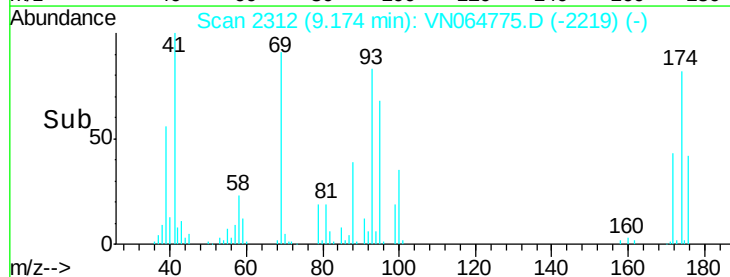
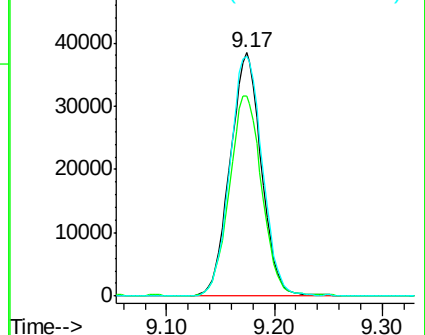
174 102.0 83.1 124.7

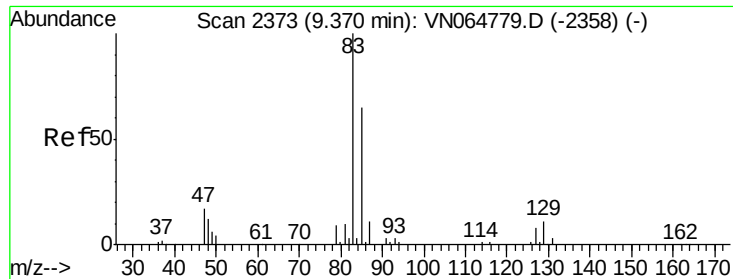


Abundance Ion 92.80 (92.50 to 93.50): VN064775.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN064775.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN064775.D (-2219) (-)





#47

Bromodichloromethane

Concen: 53.673 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

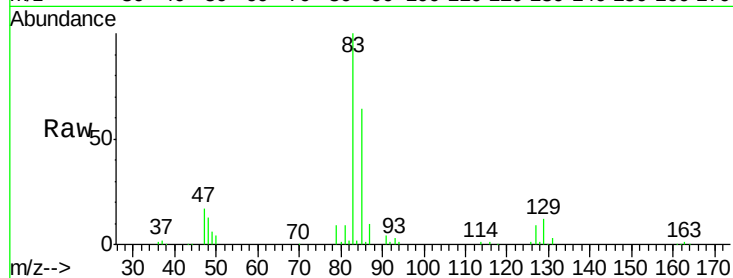
Tot Ion: 83 Resp: 159784

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.8

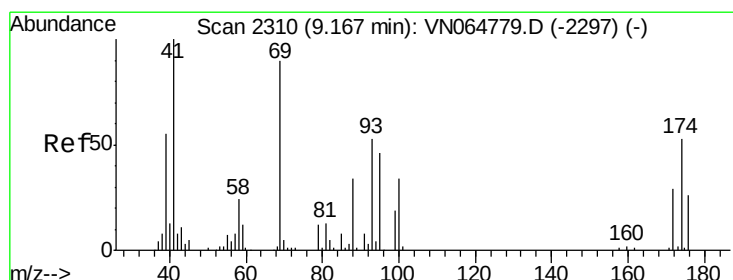
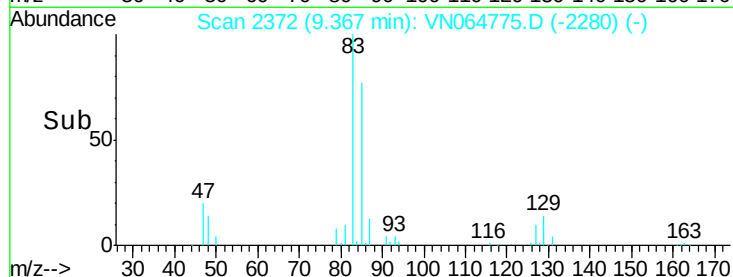
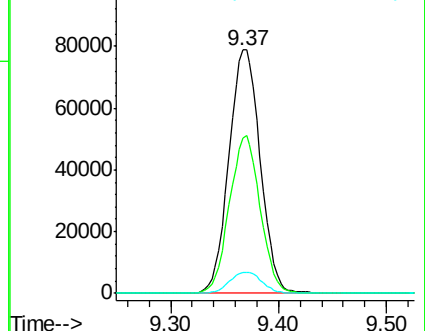
127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064775.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064775.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064775.D (-2358) (-)



#48

Methyl methacrylate

Concen: 51.511 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

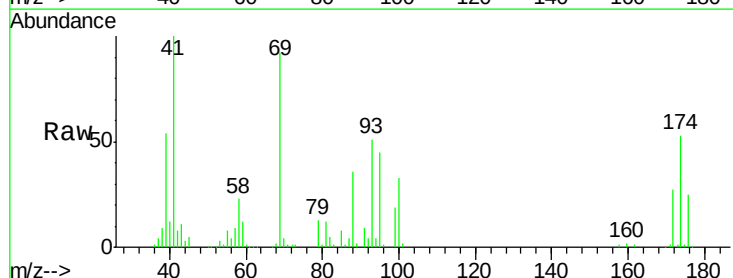
Tgt Ion: 41 Resp: 106472

Ion Ratio Lower Upper

41 100

69 94.2 71.8 107.8

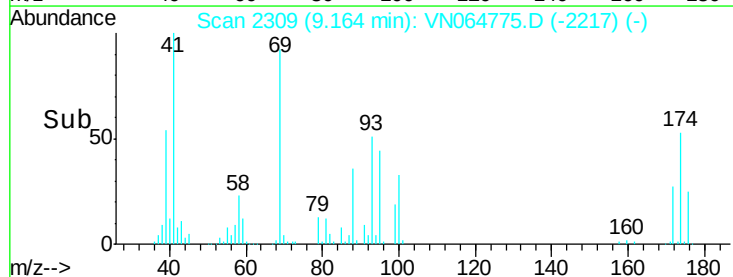
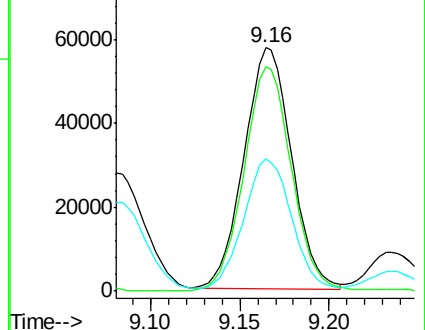
39 56.3 44.1 66.1

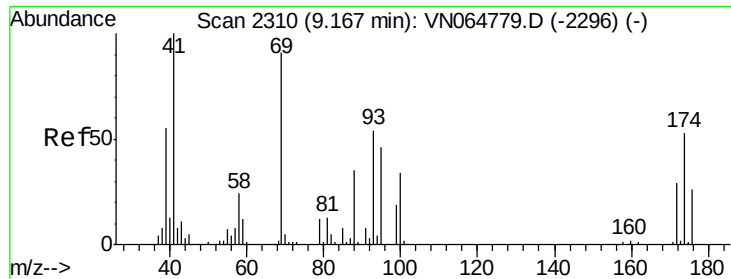


Abundance Ion 41.00 (40.70 to 41.70): VN064775.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064775.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064775.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1093.913 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

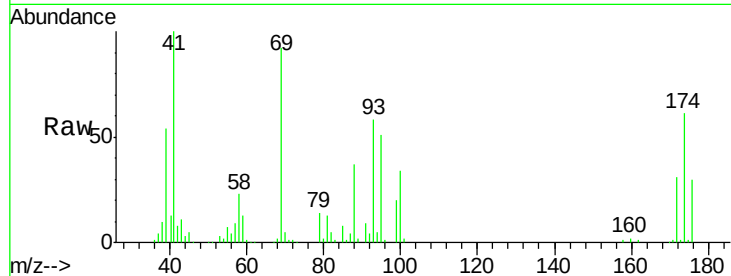
Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 42735

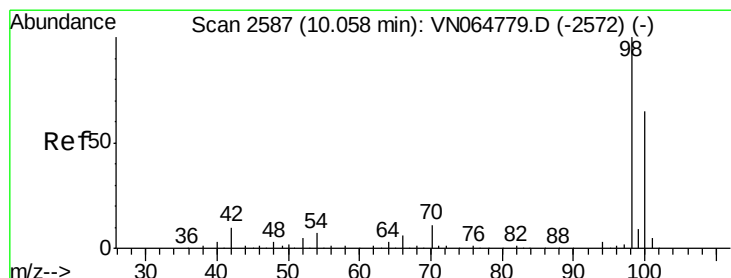
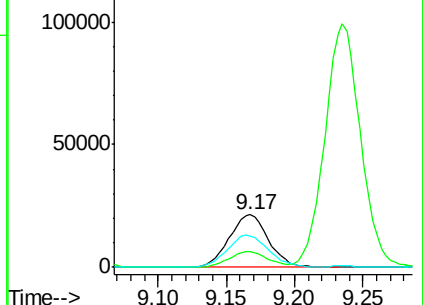
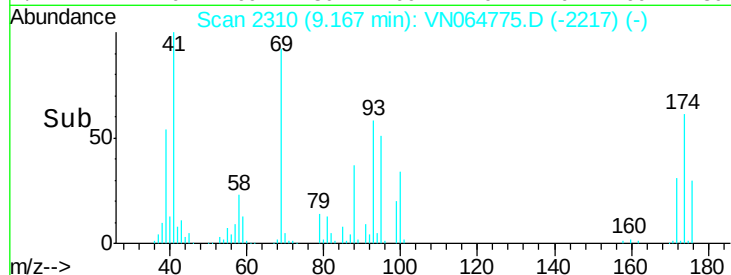
Ion	Ratio	Lower	Upper
88	100		
43	30.2	24.2	36.4
58	63.8	52.5	78.7



Abundance Ion 88.00 (87.70 to 88.70): VN064775.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN064775.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064775.D (-2217) (-)



#50

Toluene-d8

Concen: 51.776 ug/l

RT: 10.06 min Scan# 2587

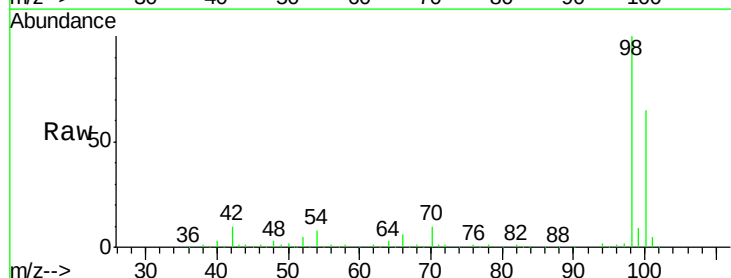
Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

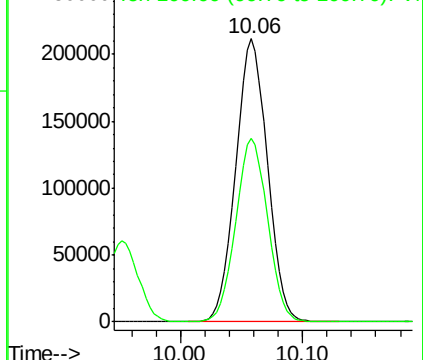
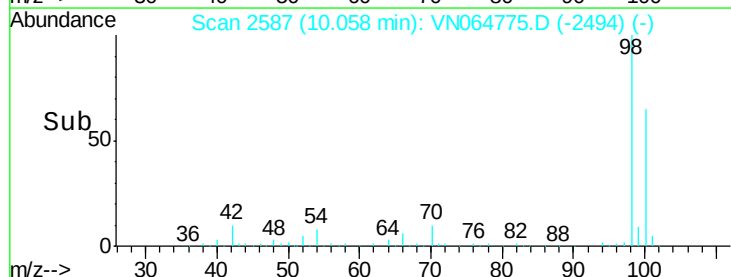
Tgt Ion: 98 Resp: 381127

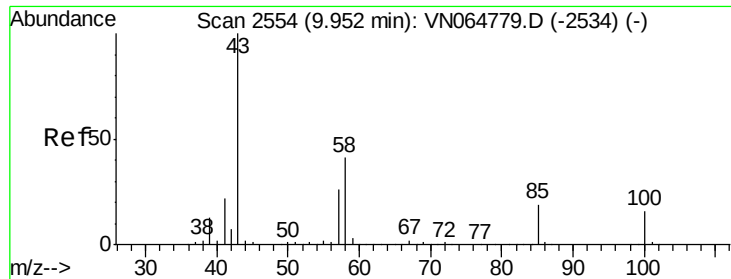
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064775.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064775.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 258.343 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

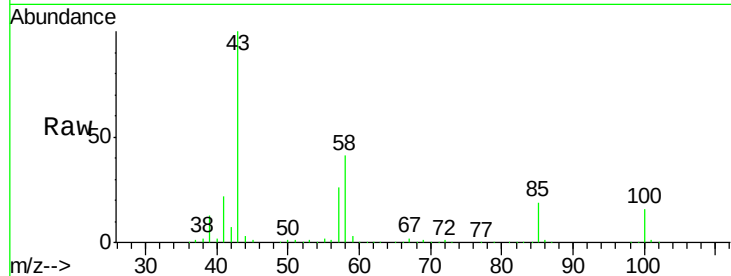
VSTDCCC050

Tot Ion: 43 Resp: 670896

Ion Ratio Lower Upper

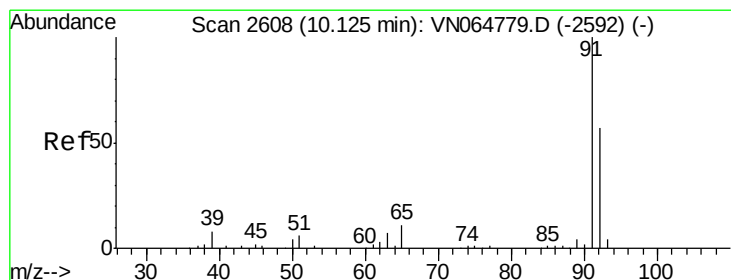
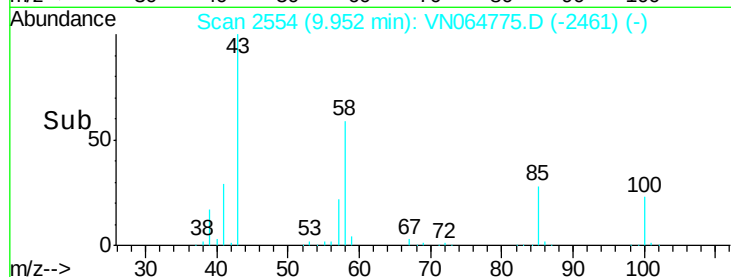
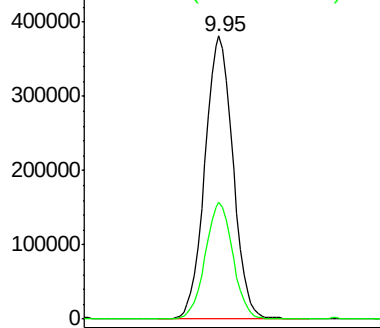
43 100

58 40.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 53.478 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064775.D

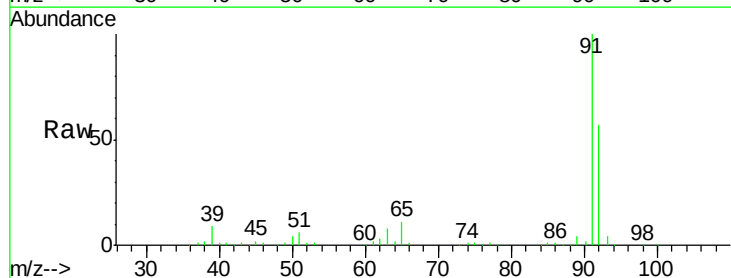
Acq: 23 Nov 2020 10:42

Tgt Ion: 92 Resp: 281642

Ion Ratio Lower Upper

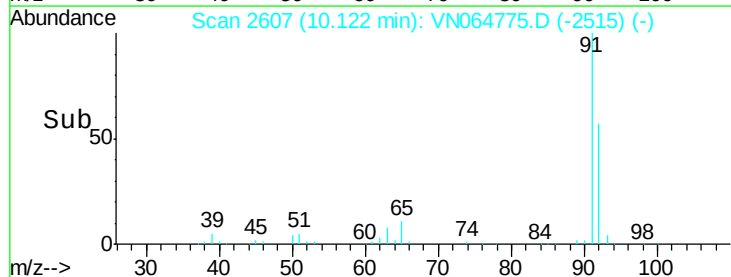
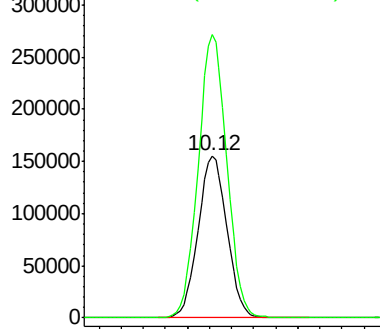
92 100

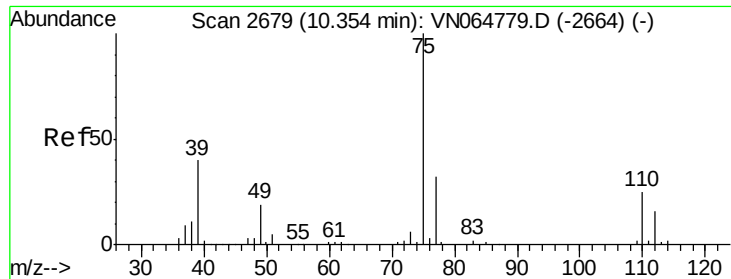
91 173.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 53.475 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

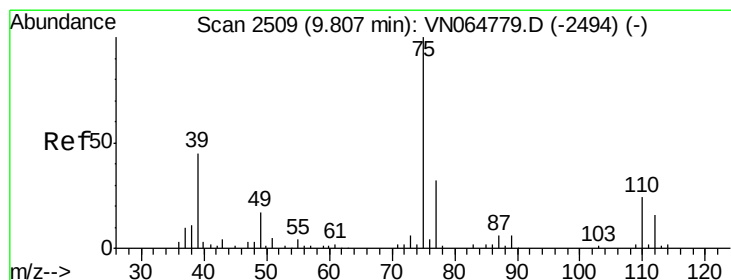
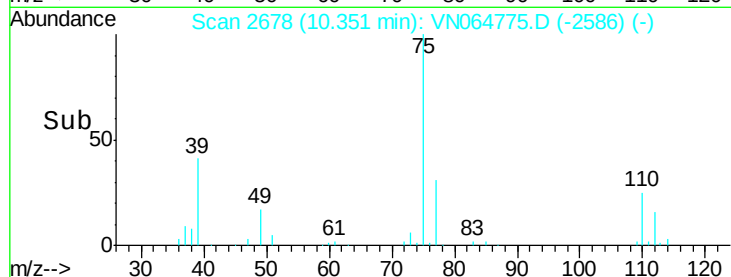
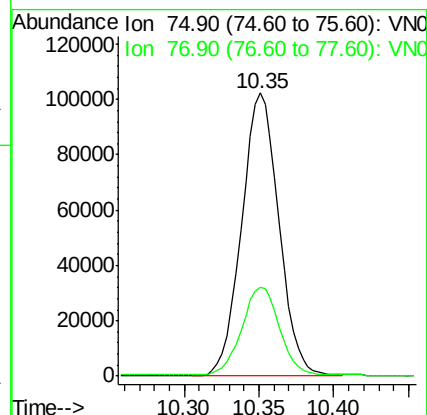
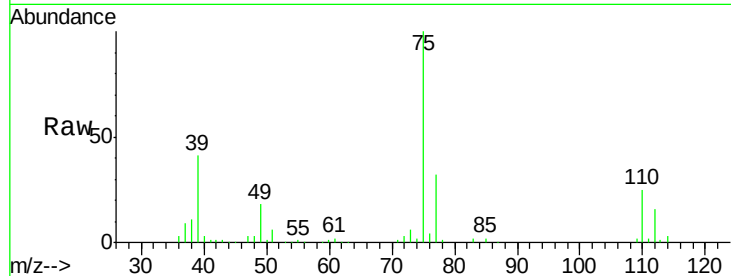
VSTDCCC050

Tot Ion: 75 Resp: 177311

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 55.103 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

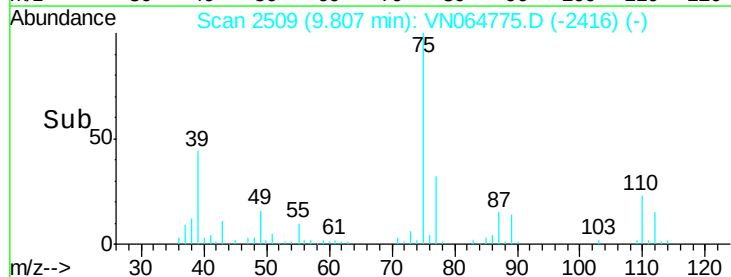
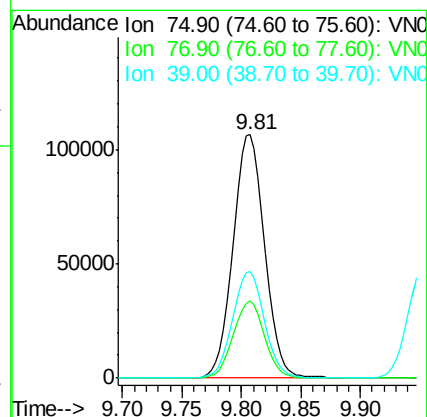
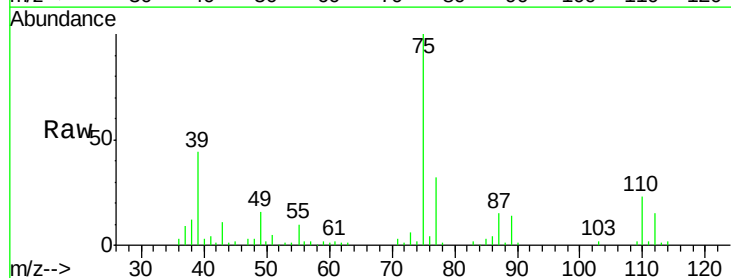
Tgt Ion: 75 Resp: 195839

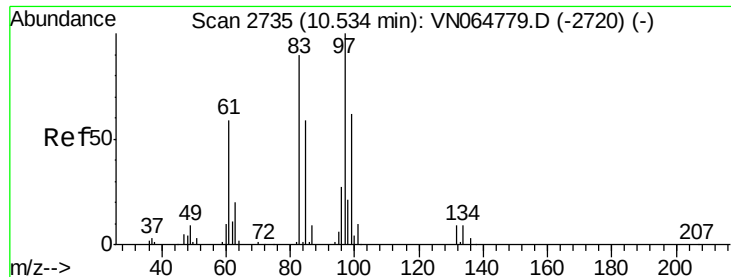
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 43.7 35.6 53.4

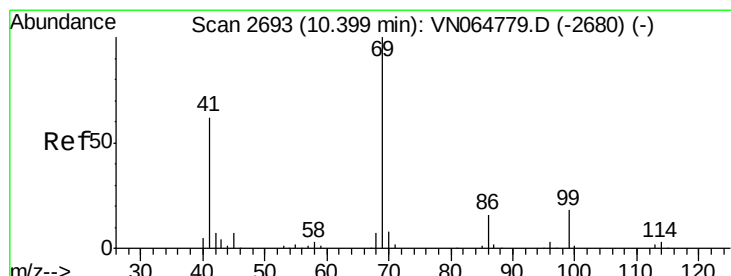
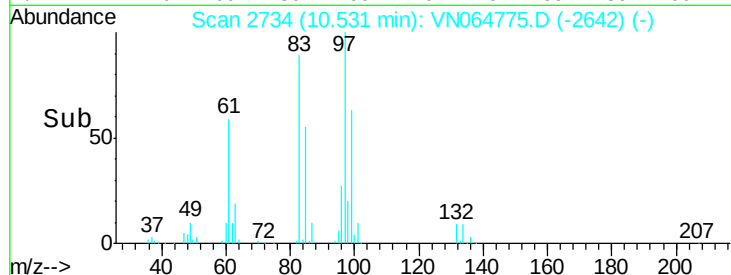
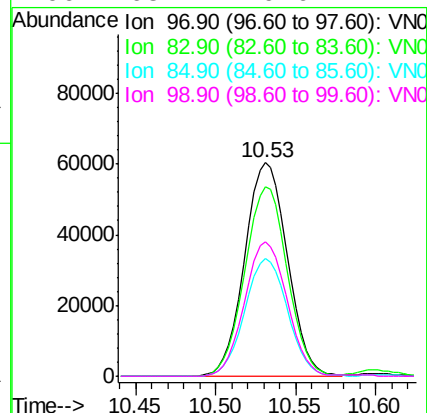
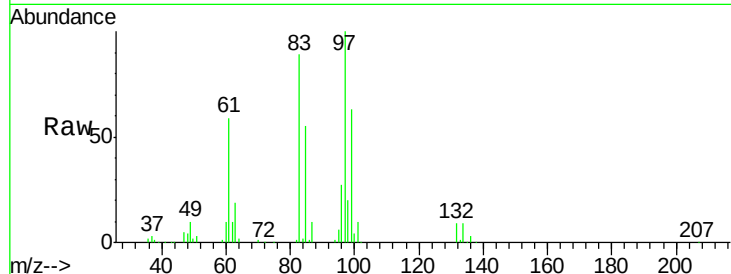




#55
 1,1,2-Trichloroethane
 Concen: 50.892 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

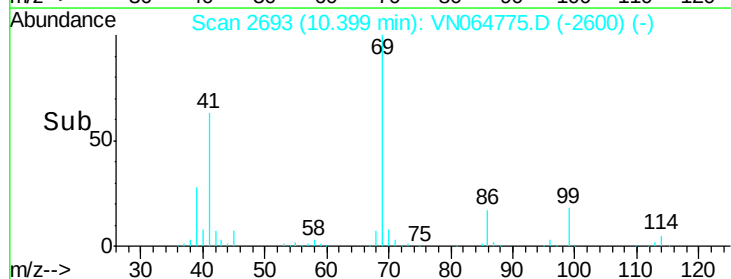
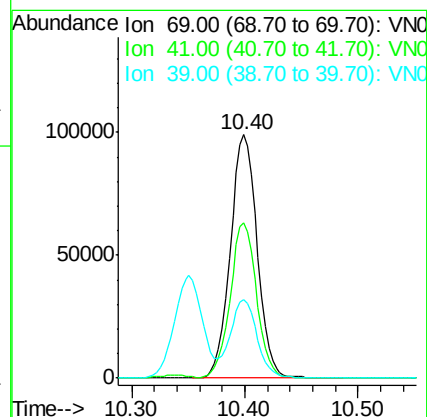
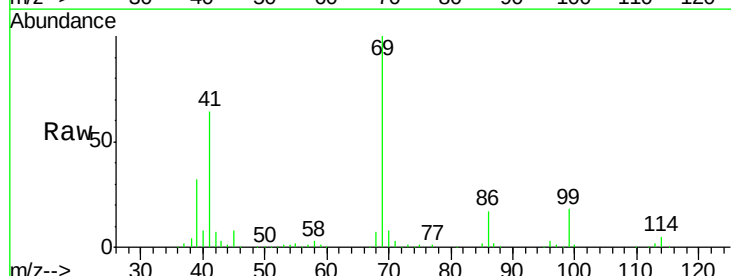
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

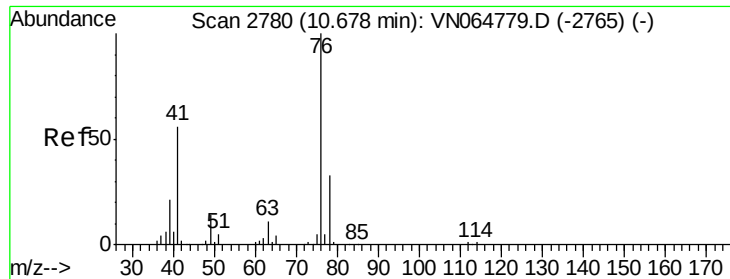
Tot Ion	Ratio	Lower	Upper
97	100		
83	88.9	72.1	108.1
85	54.9	46.8	70.2
99	63.1	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 54.682 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.1	49.4	74.0
39	32.0	25.9	38.9





#57

1,3-Dichloropropane

Concen: 52.705 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

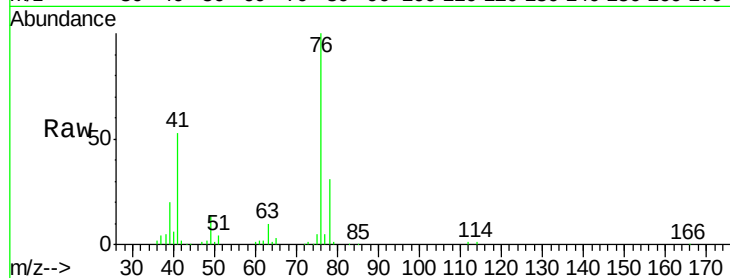
VSTDCCC050

Tot Ion: 76 Resp: 188283

Ion Ratio Lower Upper

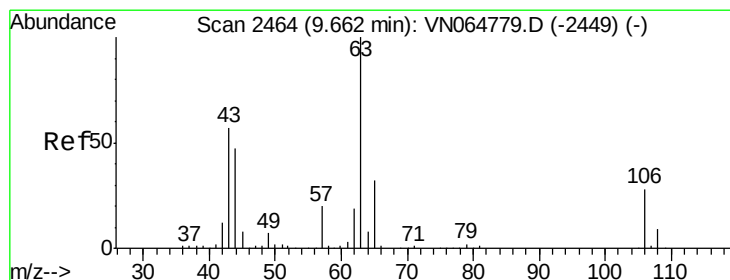
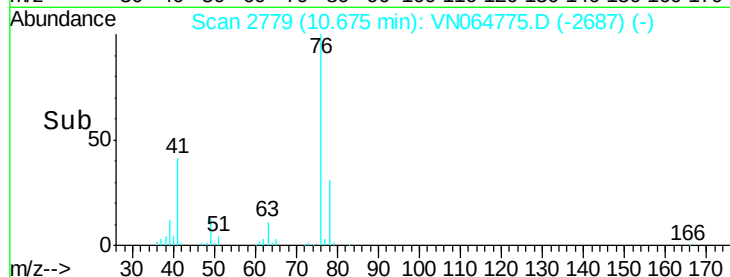
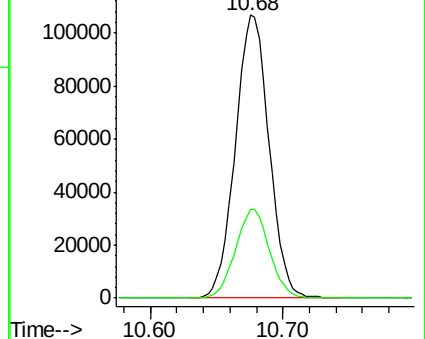
76 100

78 31.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064775.D (-2765) (-)

Ion 77.90 (77.60 to 78.60): VN064775.D (-2765) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 269.863 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064775.D

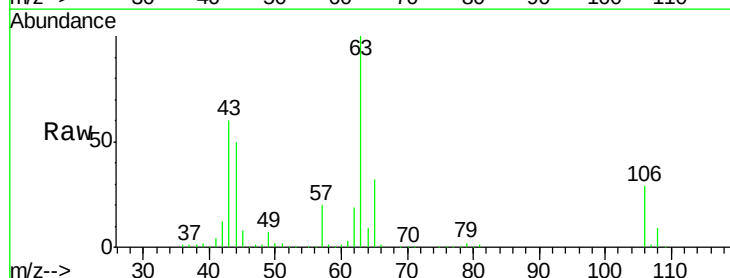
Acq: 23 Nov 2020 10:42

Tgt Ion: 63 Resp: 443627

Ion Ratio Lower Upper

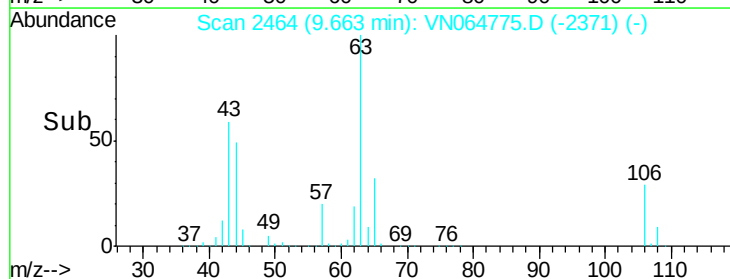
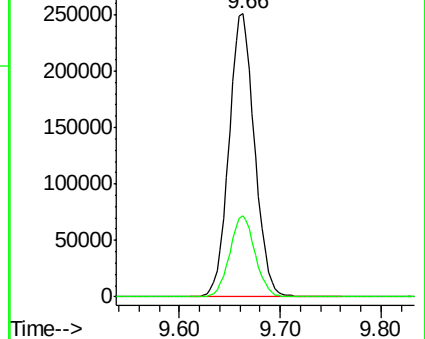
63 100

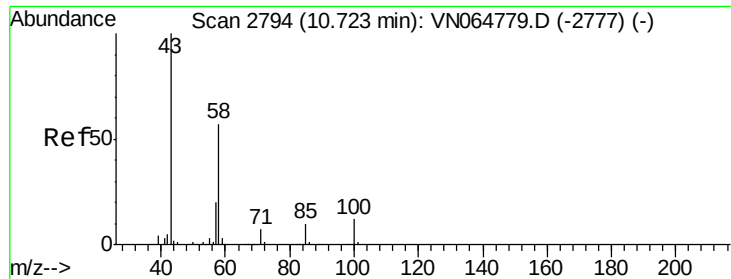
106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN064775.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064775.D (-2371) (-)

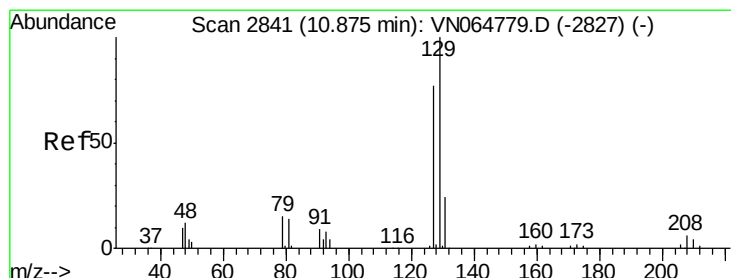
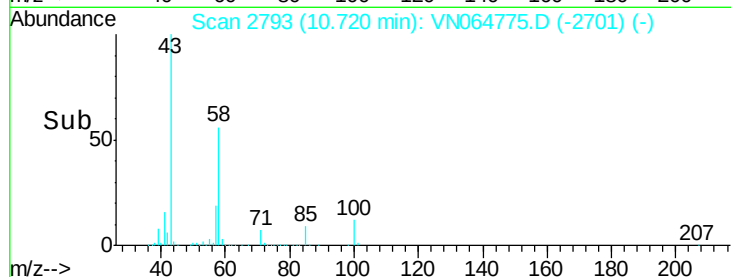
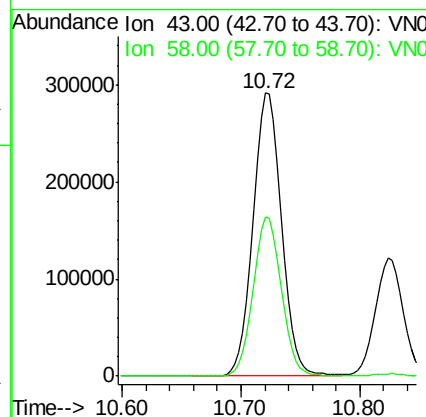
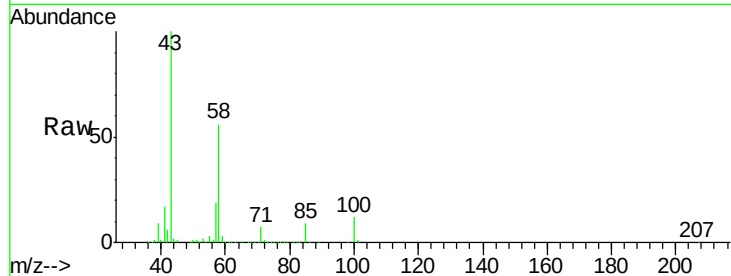




#59
2-Hexanone
Concen: 259.454 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

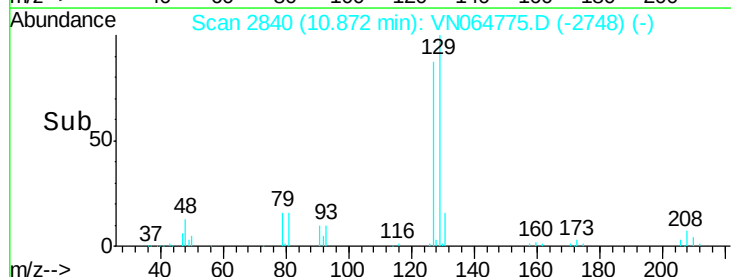
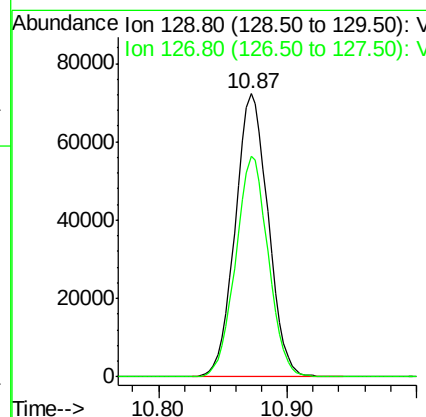
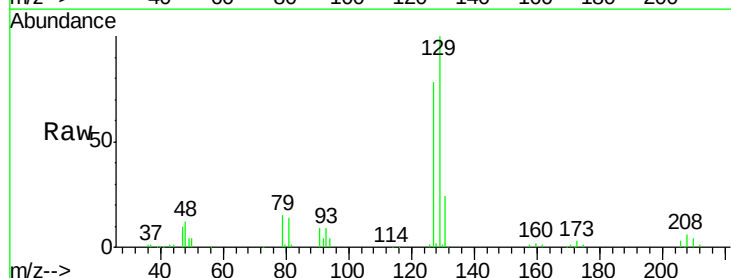
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

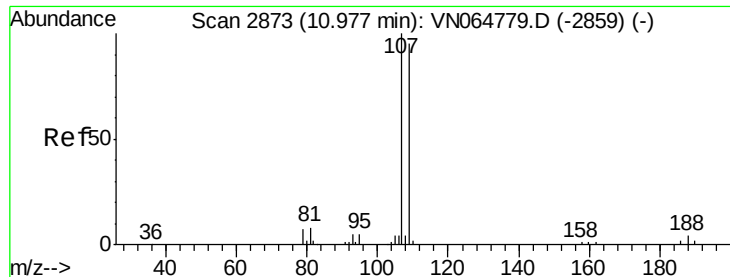
Tot Ion: 43 Resp: 484909
Ion Ratio Lower Upper
43 100
58 55.7 28.3 84.9



#60
Dibromochloromethane
Concen: 53.309 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 129 Resp: 128330
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.865 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

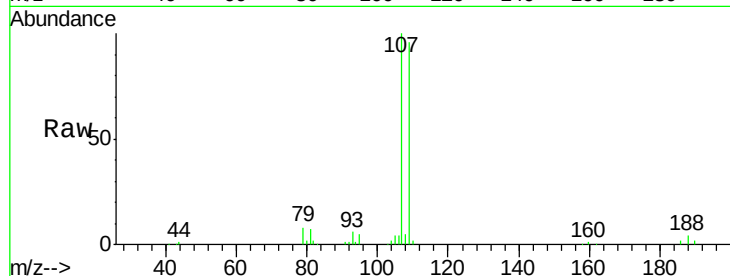
VSTDCCC050

Tot Ion: 107 Resp: 116317

Ion Ratio Lower Upper

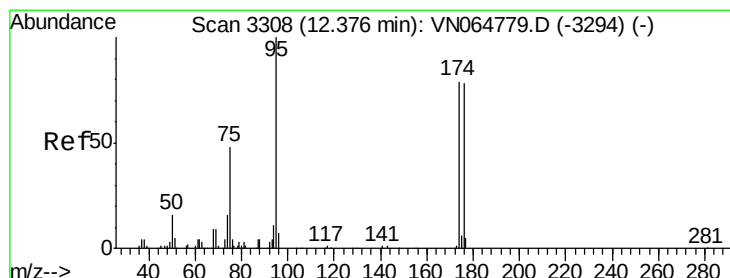
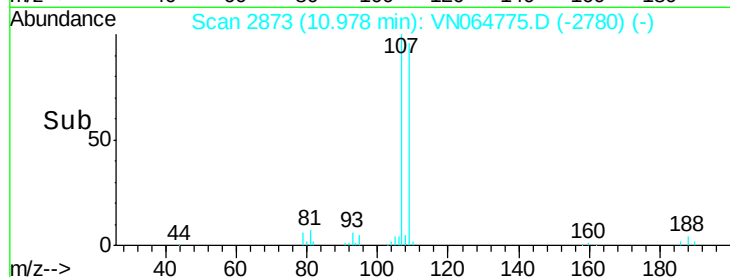
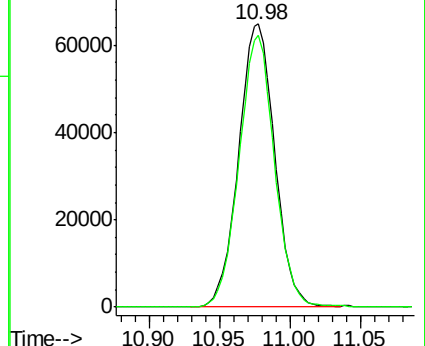
107 100

109 94.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.714 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

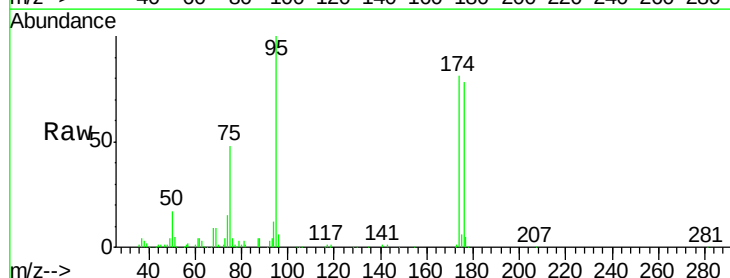
Tgt Ion: 95 Resp: 138871

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

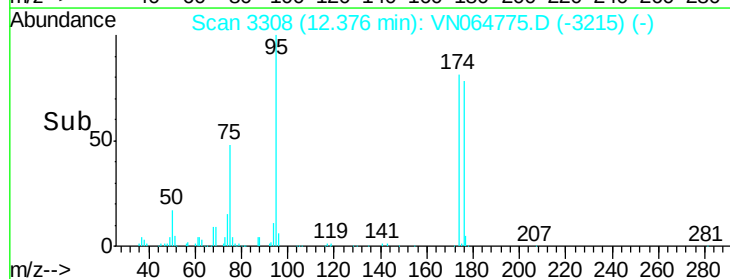
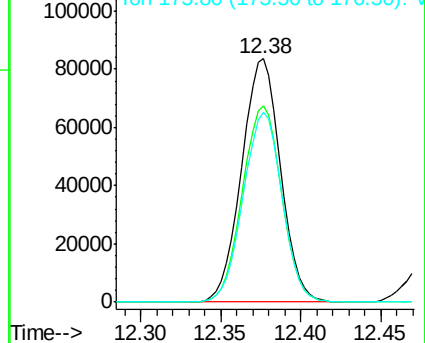
176 78.1 0.0 158.4

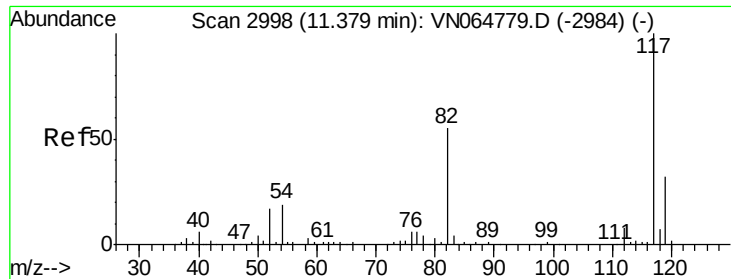


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

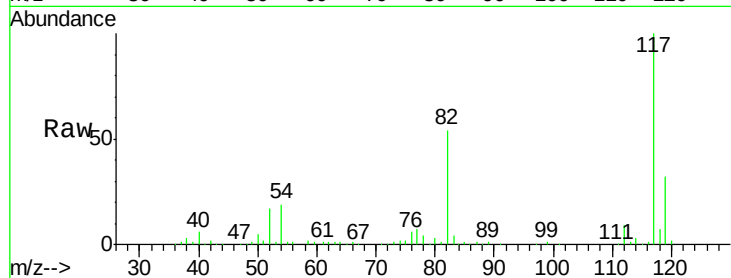
Tot Ion:117 Resp: 278060

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

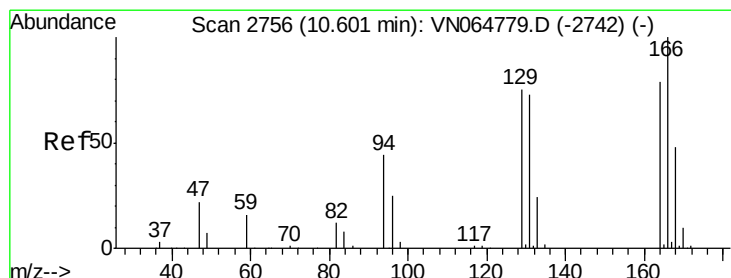
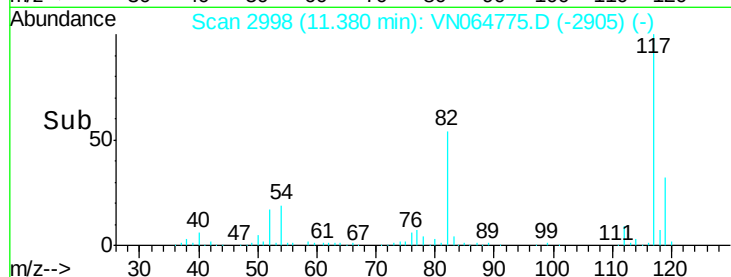
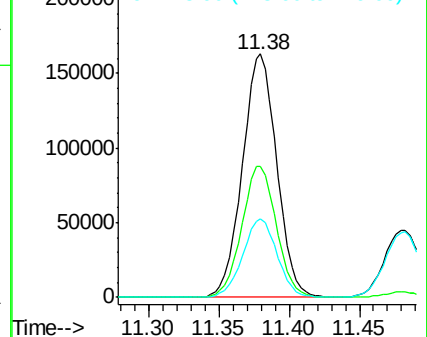
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.292 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Tgt Ion:164 Resp: 138757

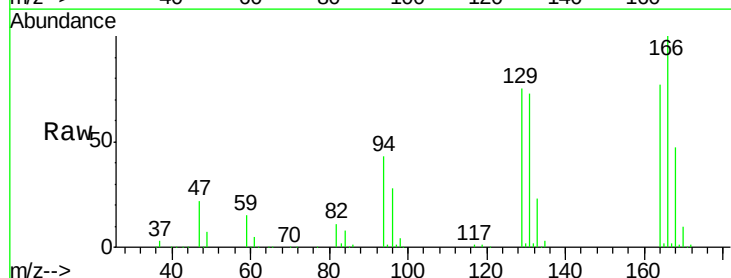
Ion Ratio Lower Upper

164 100

166 129.3 101.4 152.0

129 96.4 76.1 114.1

131 94.4 74.2 111.2

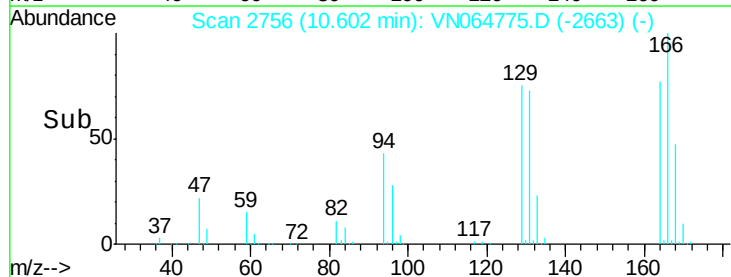
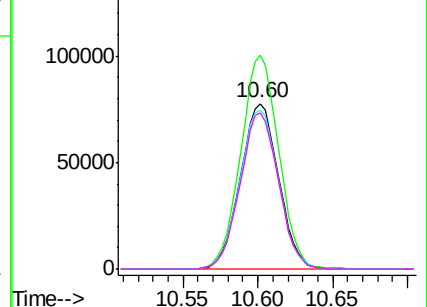


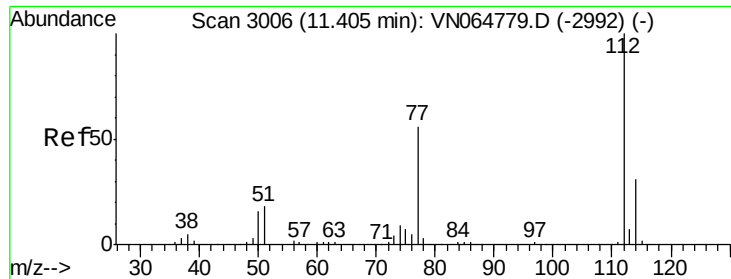
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

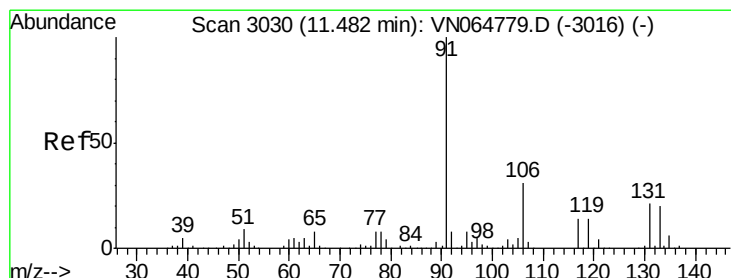
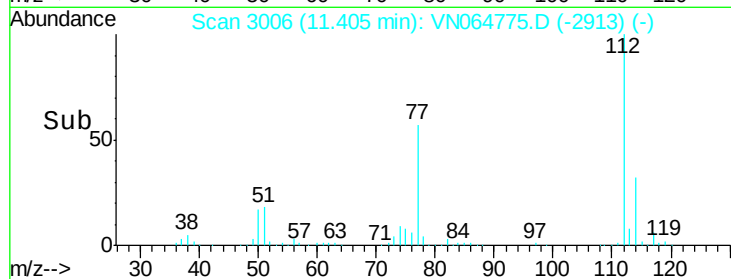
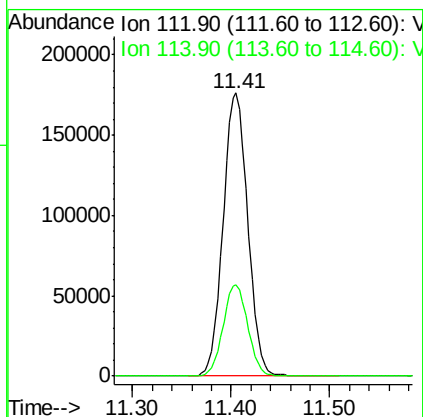
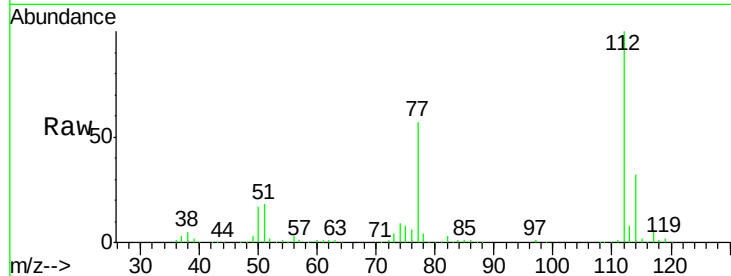




#65
Chlorobenzene
Concen: 51.594 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

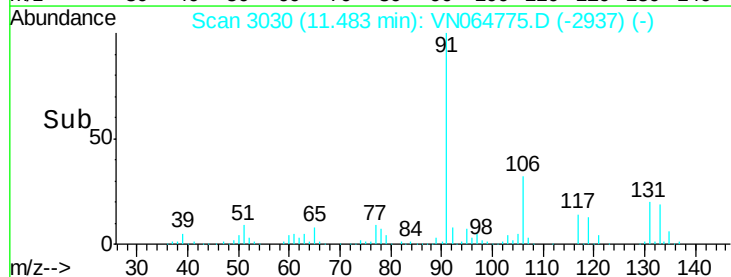
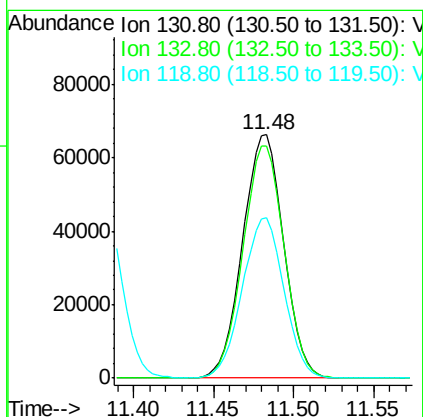
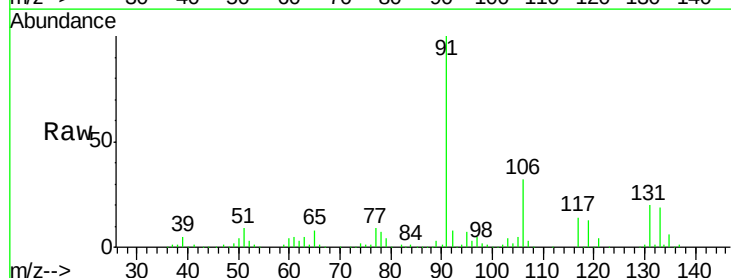
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

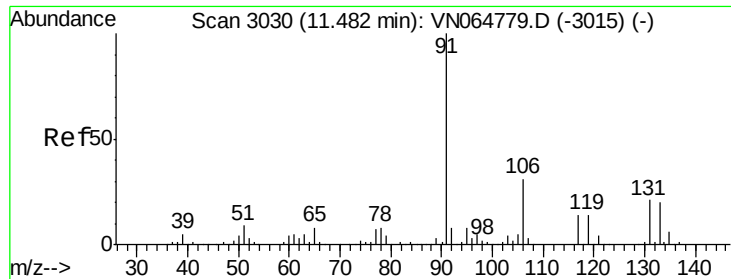
Tot Ion:112 Resp: 308081
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.126 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion:131 Resp: 116582
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 66.8 33.3 99.8

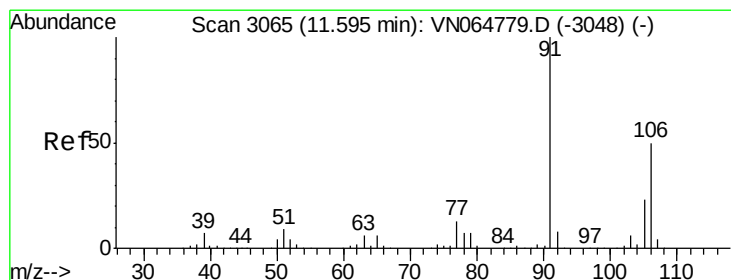
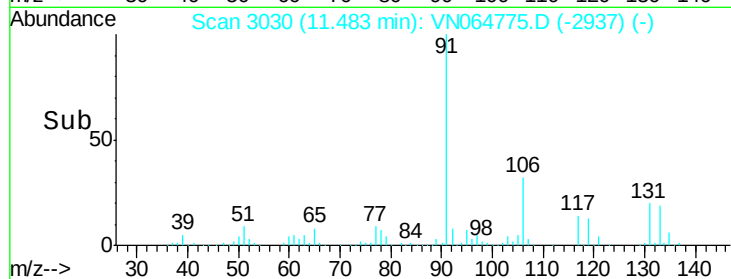
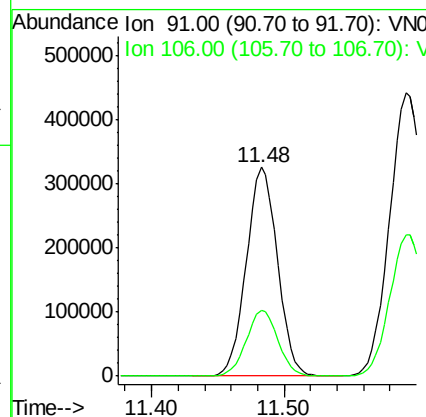
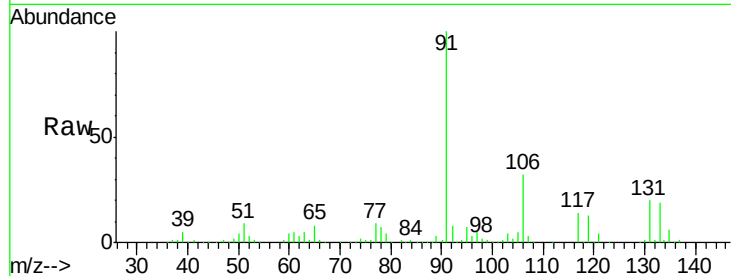




#67
Ethyl Benzene
Concen: 53.400 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

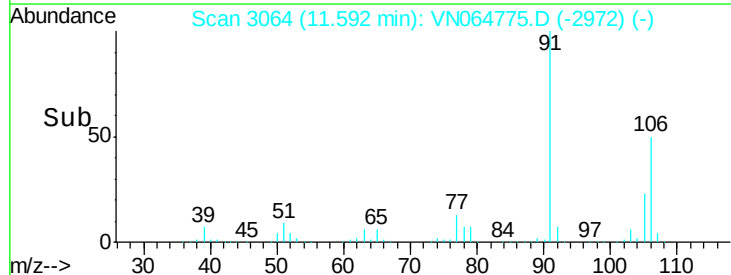
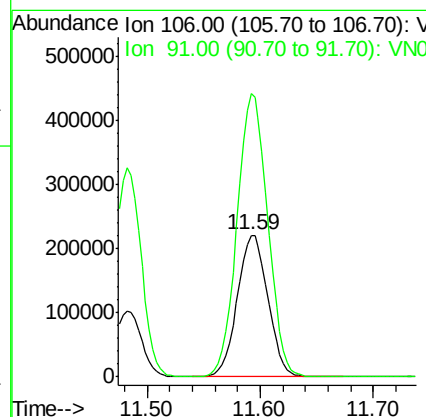
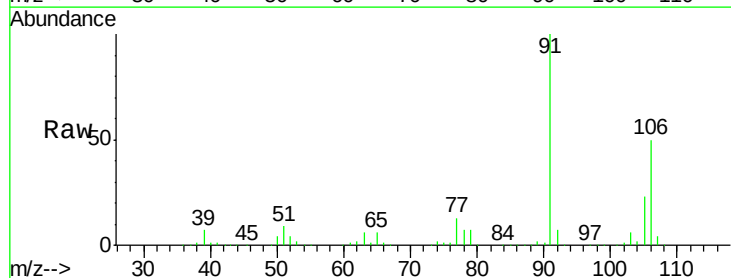
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

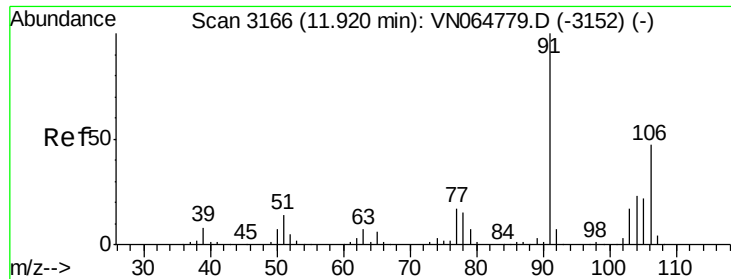
Tot Ion: 91 Resp: 532685
Ion Ratio Lower Upper
91 100
106 31.8 25.2 37.8



#68
m/p-Xylenes
Concen: 110.072 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 106 Resp: 415715
Ion Ratio Lower Upper
106 100
91 200.1 161.0 241.4

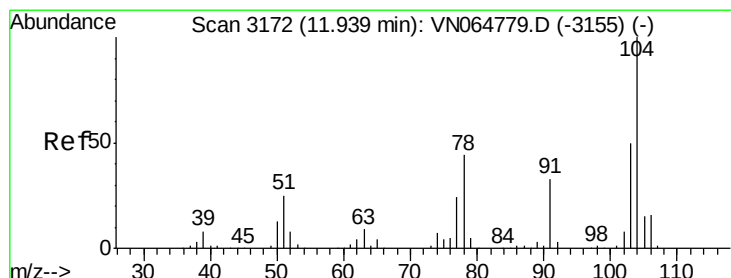
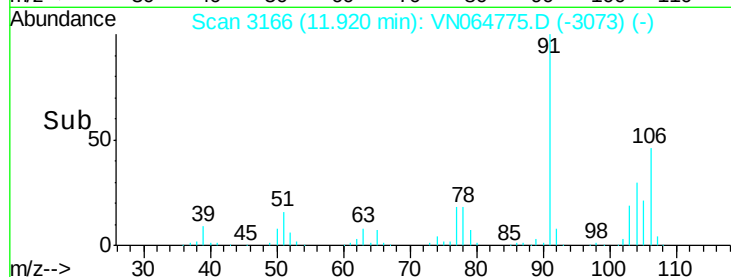
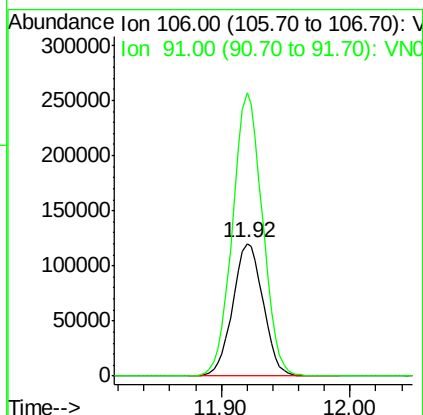
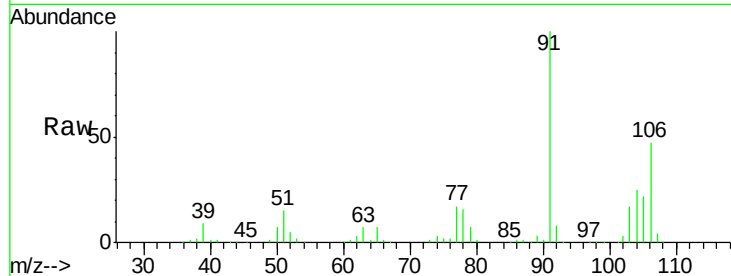




#69
o-Xylene
Concen: 54.846 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

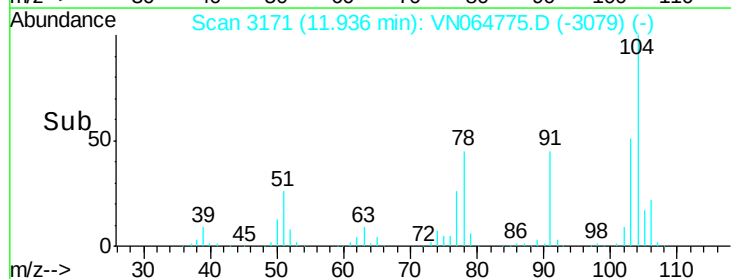
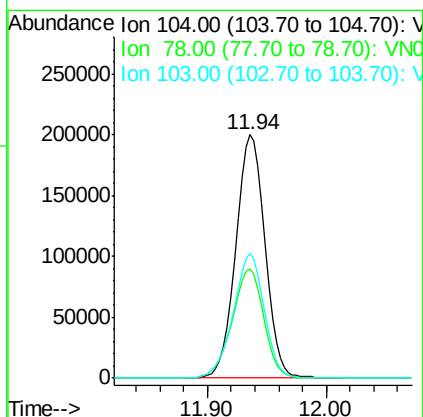
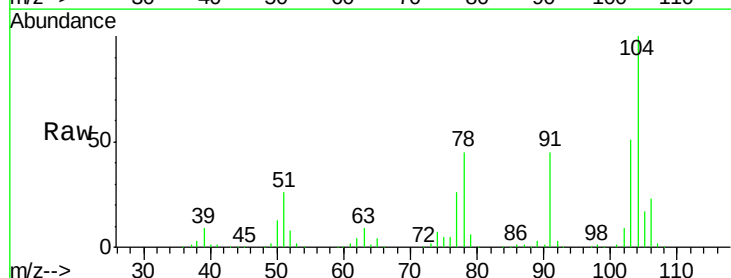
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

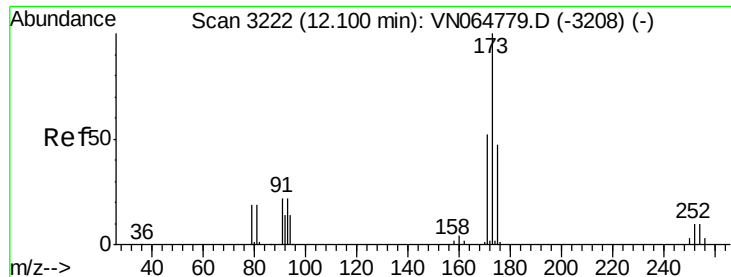
Tot Ion:106 Resp: 196567
Ion Ratio Lower Upper
106 100
91 210.8 105.5 316.5



#70
Styrene
Concen: 56.264 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion:104 Resp: 340417
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 54.3 44.3 66.5





#71

Bromoform

Concen: 51.372 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

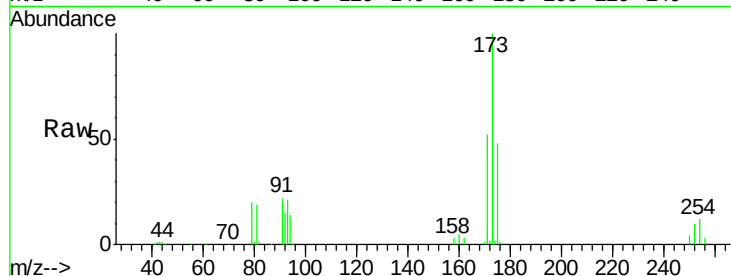
Tot Ion:173 Resp: 90040

Ion Ratio Lower Upper

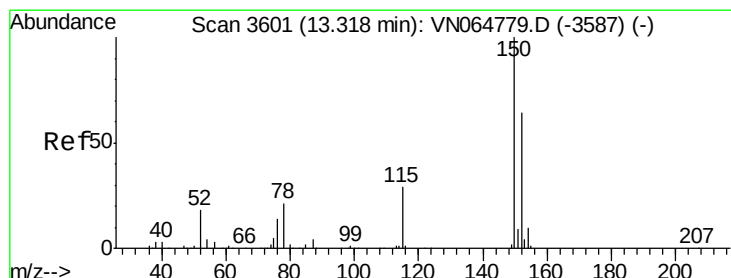
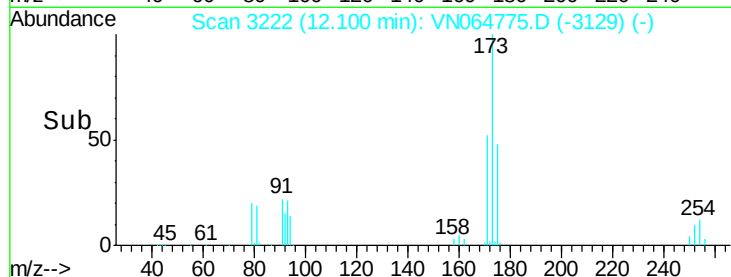
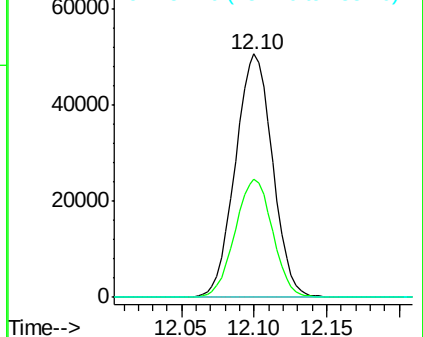
173 100

175 48.9 24.3 72.8

254 0.0 0.0 0.0



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# 3601

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

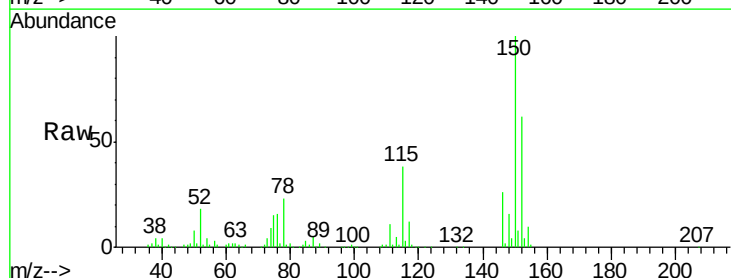
Tgt Ion:152 Resp: 139820

Ion Ratio Lower Upper

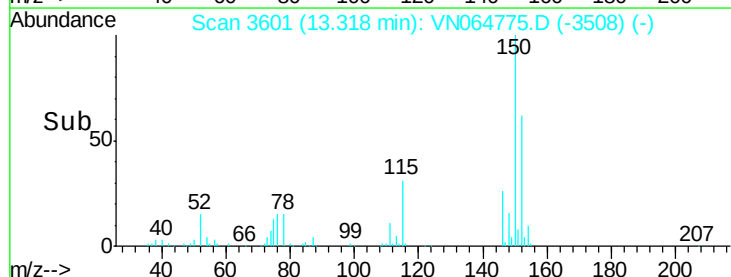
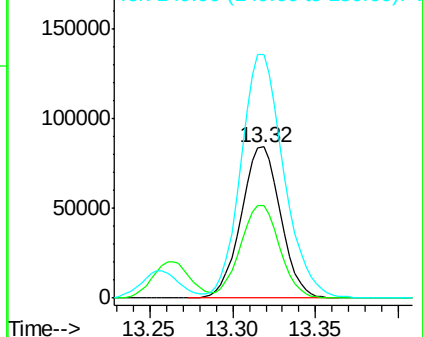
152 100

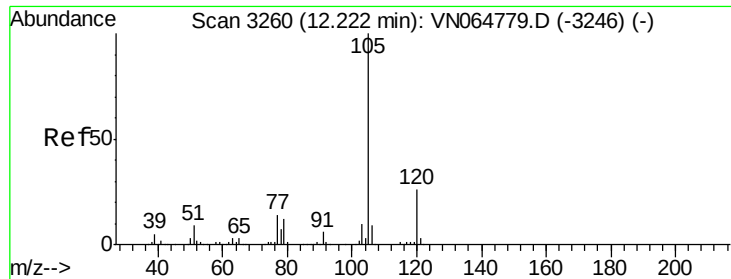
115 61.4 29.7 89.1

150 175.5 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: 53.188 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

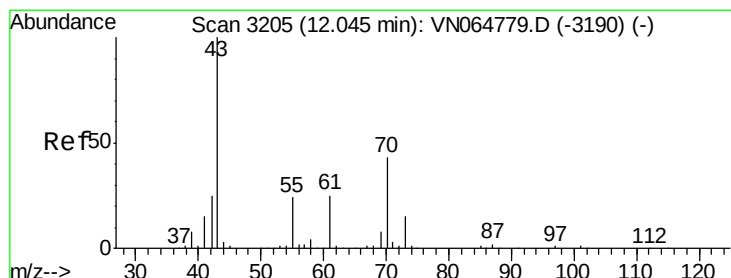
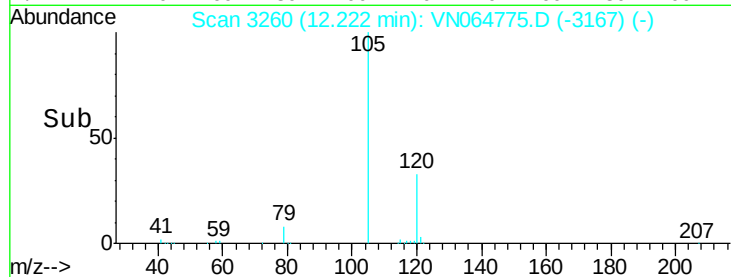
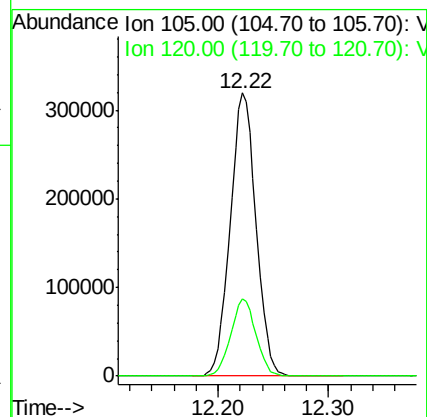
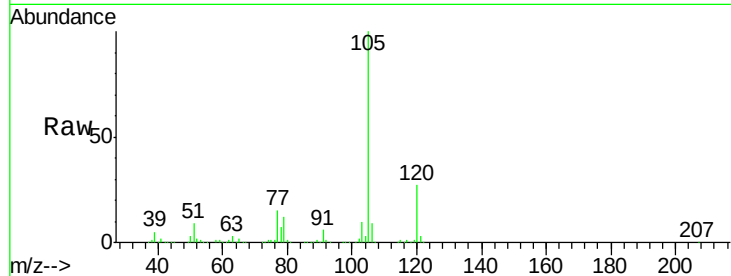
VSTDCCC050

Tot Ion:105 Resp: 517277

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 51.773 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Tgt Ion: 43 Resp: 198153

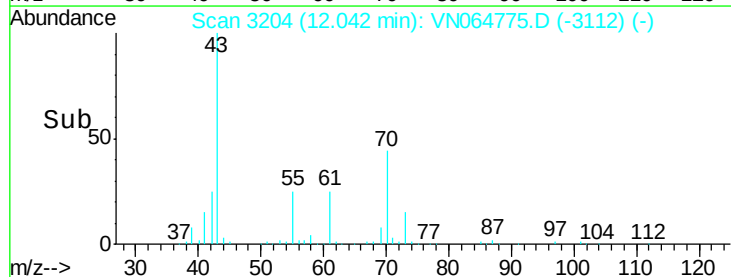
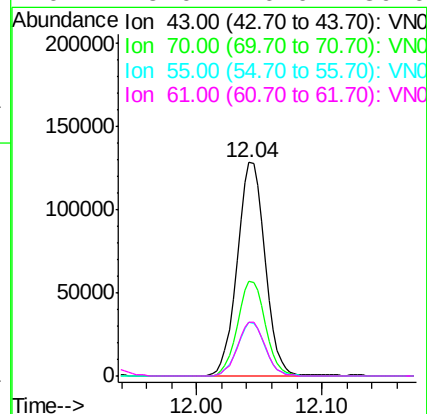
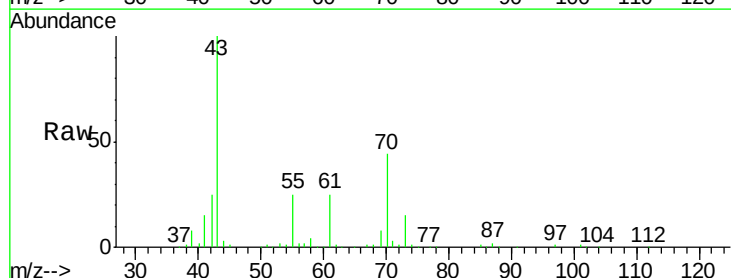
Ion Ratio Lower Upper

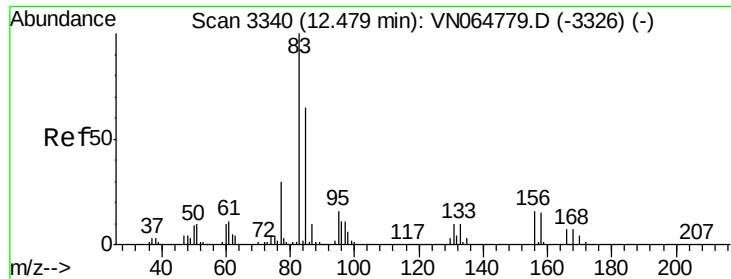
43 100

70 44.3 34.5 51.7

55 25.2 20.4 30.6

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.915 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

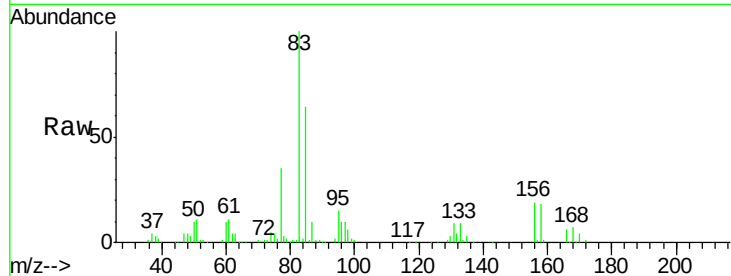
Tot Ion: 83 Resp: 136586

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

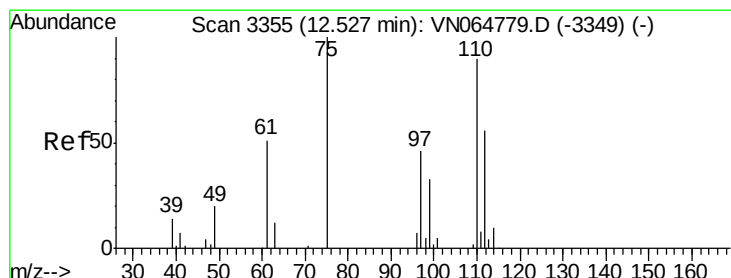
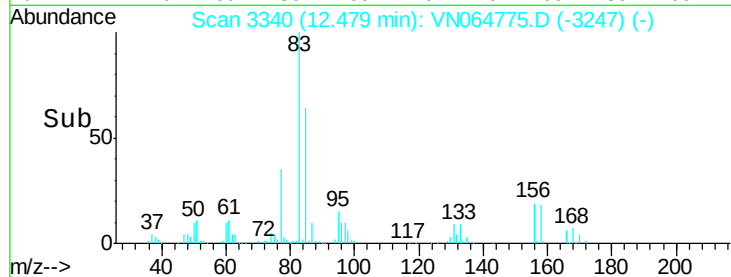
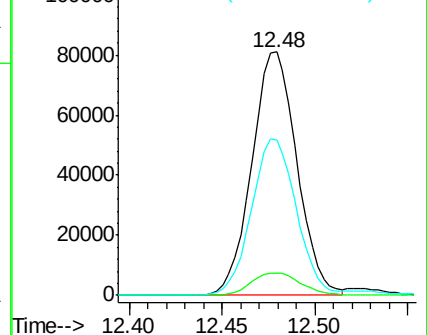
85 65.5 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 68.847 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064775.D

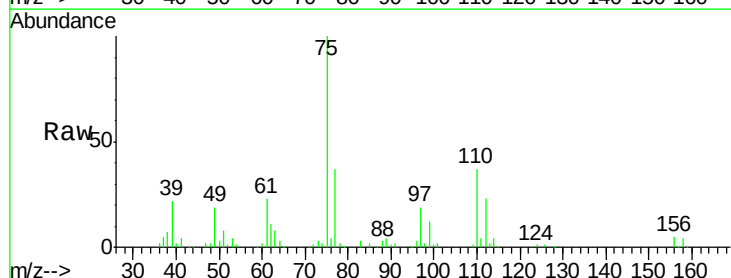
Acq: 23 Nov 2020 10:42

Tgt Ion: 75 Resp: 207307

Ion Ratio Lower Upper

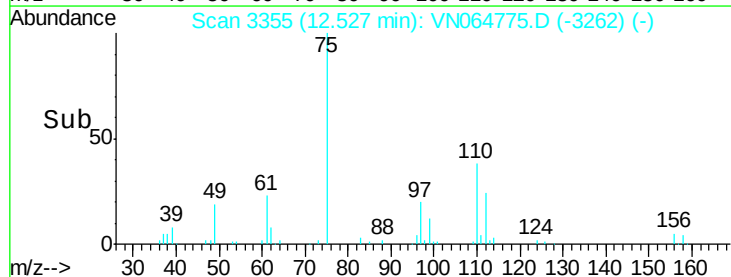
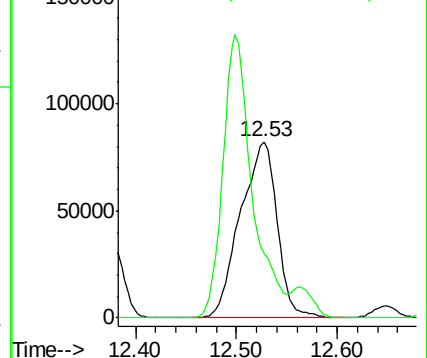
75 100

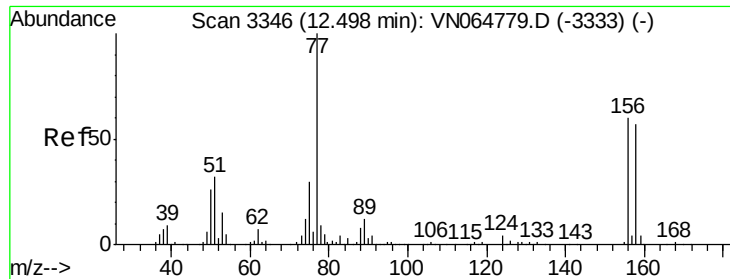
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.319 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

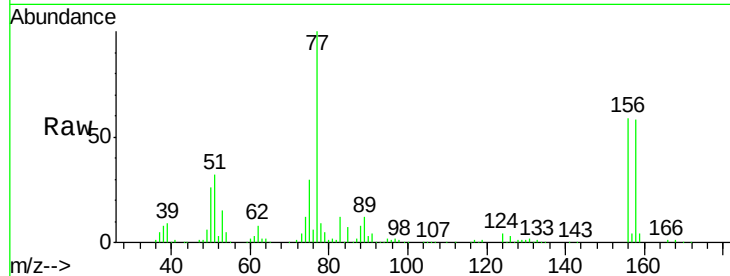
Tot Ion:156 Resp: 131934

Ion Ratio Lower Upper

156 100

77 203.8 101.3 303.7

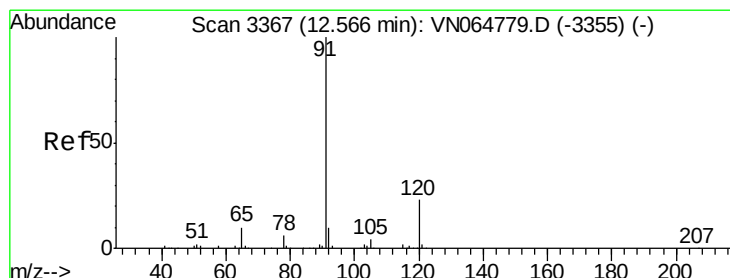
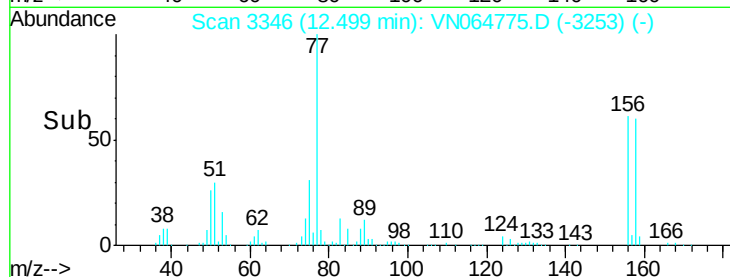
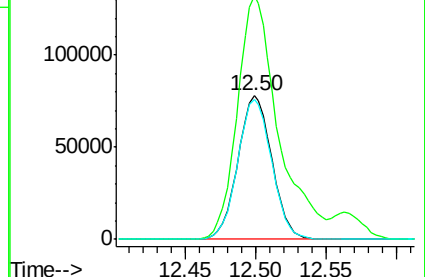
158 97.8 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.437 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064775.D

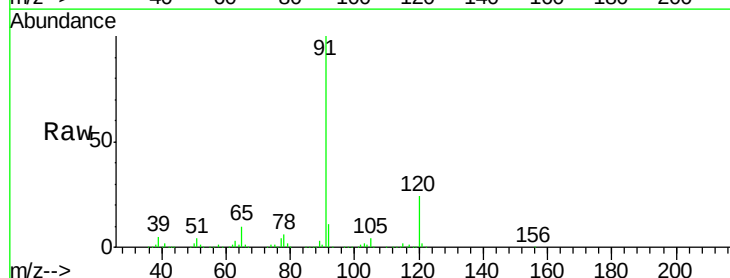
Acq: 23 Nov 2020 10:42

Tgt Ion: 91 Resp: 592045

Ion Ratio Lower Upper

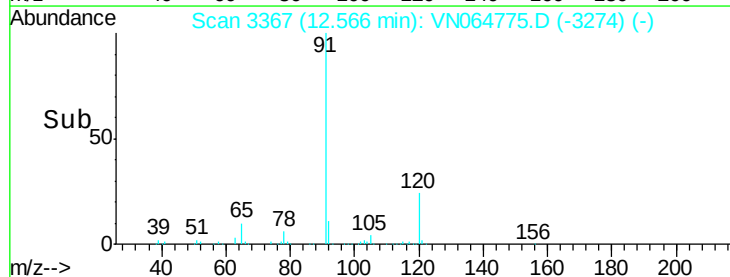
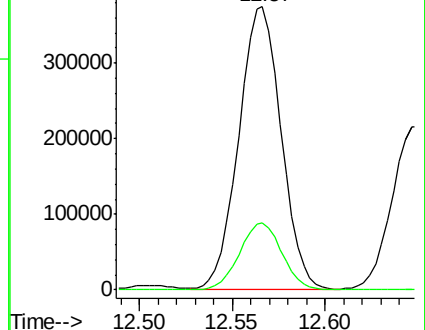
91 100

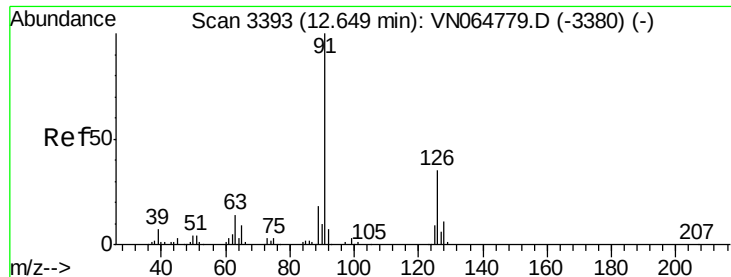
120 23.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.792 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

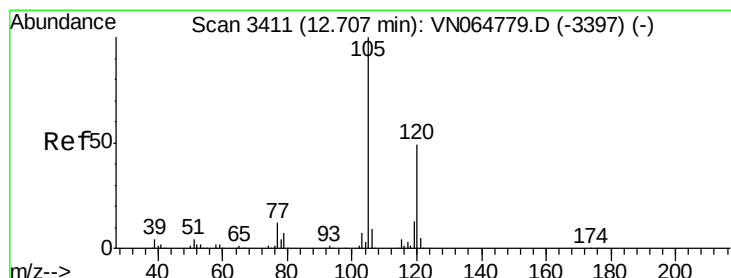
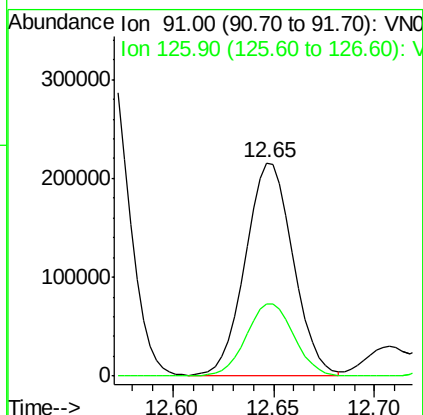
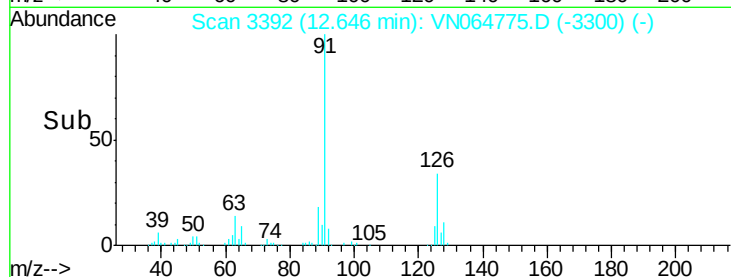
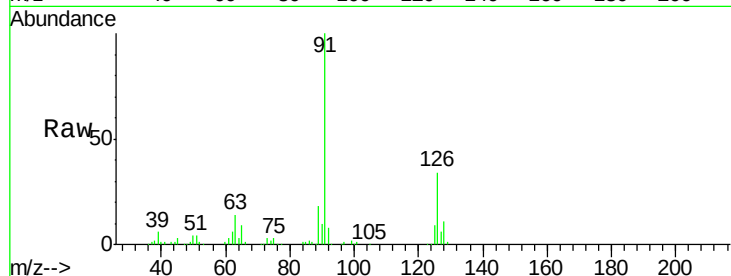
VSTDCCC050

Tot Ion: 91 Resp: 354700

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 54.900 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064775.D

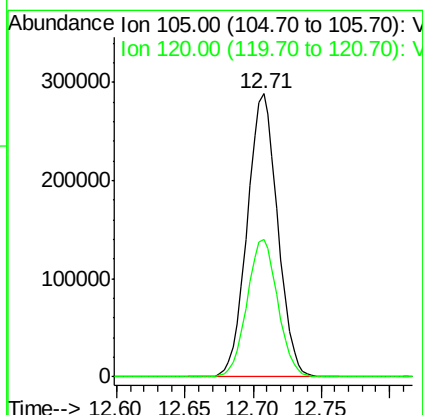
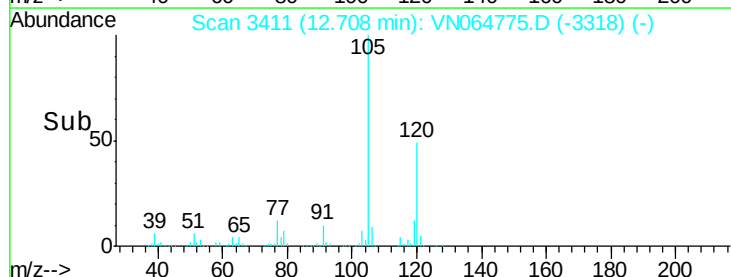
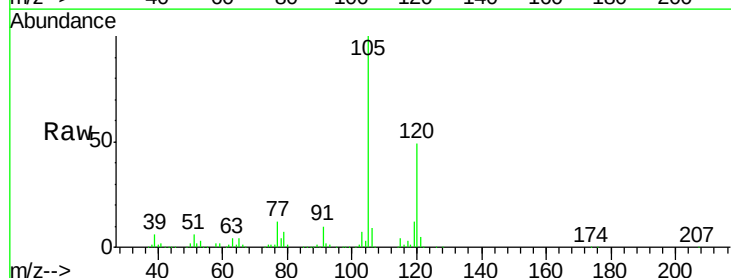
Acq: 23 Nov 2020 10:42

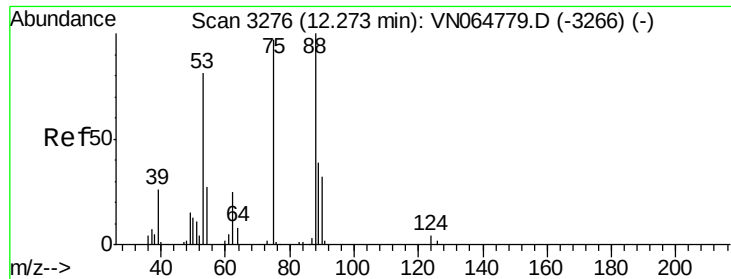
Tgt Ion:105 Resp: 443801

Ion Ratio Lower Upper

105 100

120 49.3 24.6 73.6

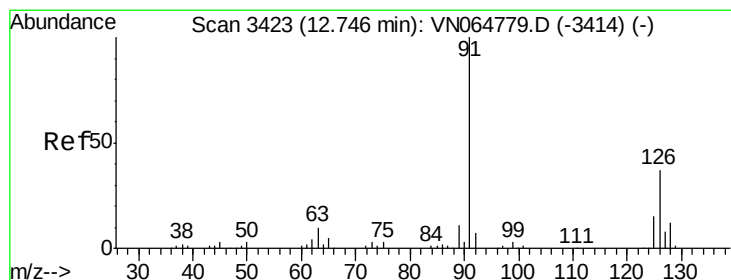
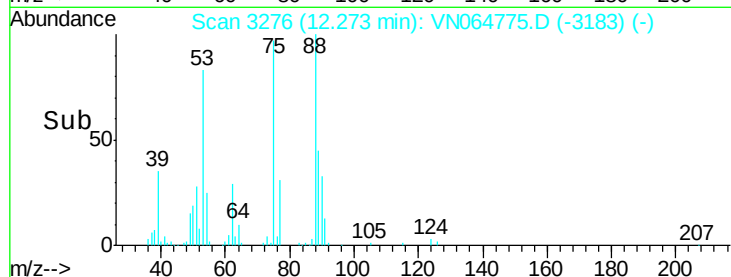
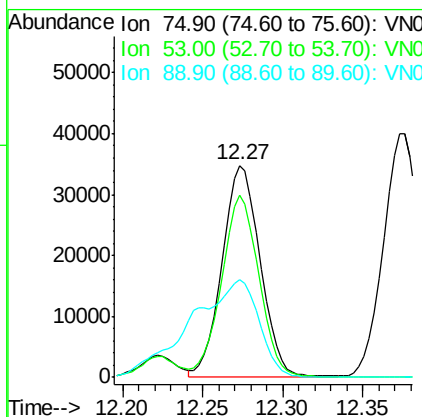
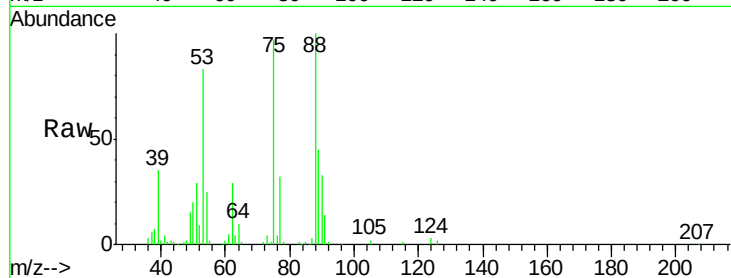




#81
trans-1,4-Dichloro-2-butene
Concen: 51.627 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

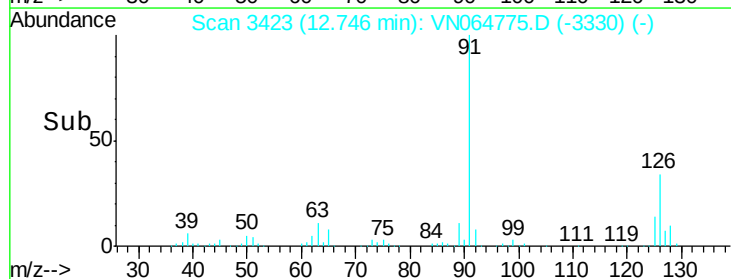
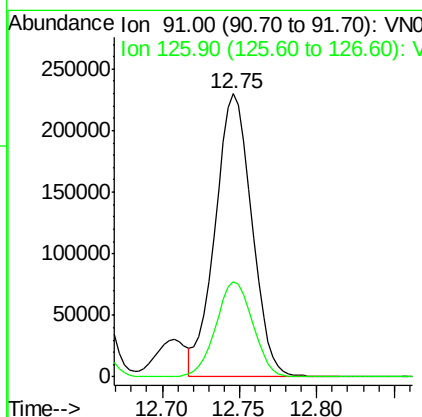
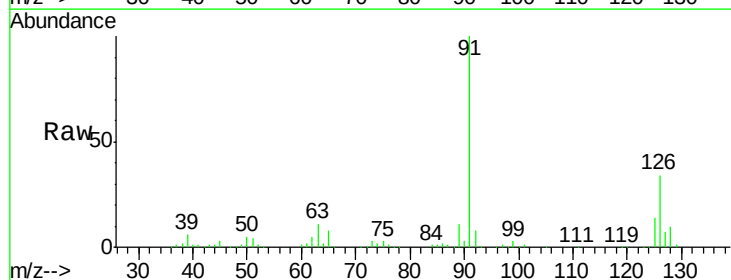
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

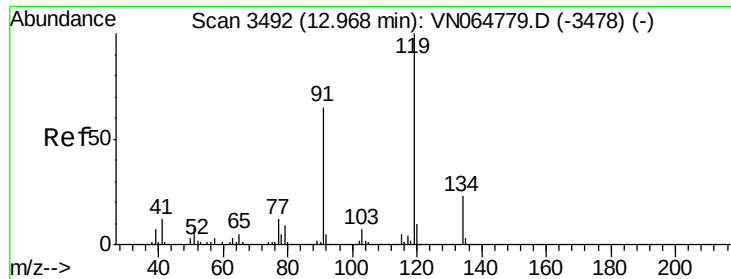
Tot Ion: 75 Resp: 56720
Ion Ratio Lower Upper
75 100
53 84.7 67.0 100.4
89 83.2 39.6 59.4#



#82
4-Chlorotoluene
Concen: 52.422 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 91 Resp: 376316
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.7

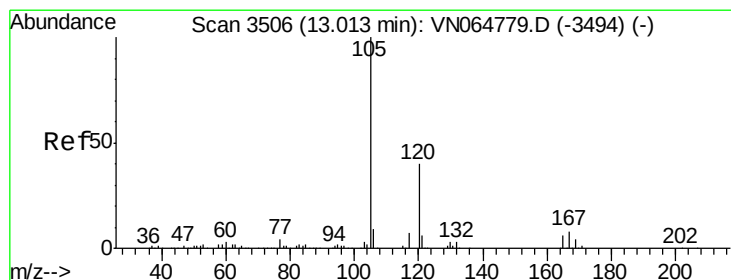
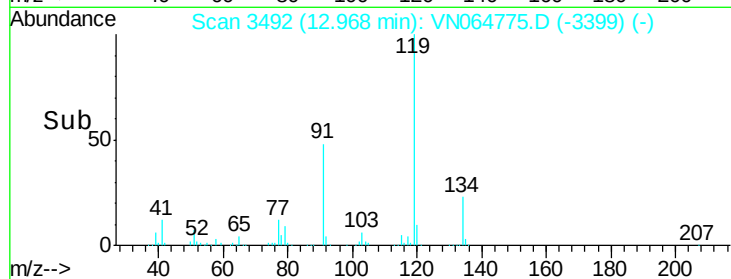
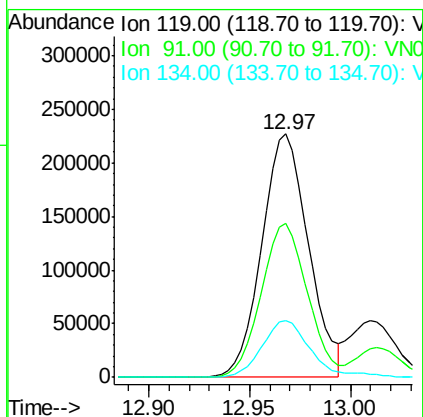
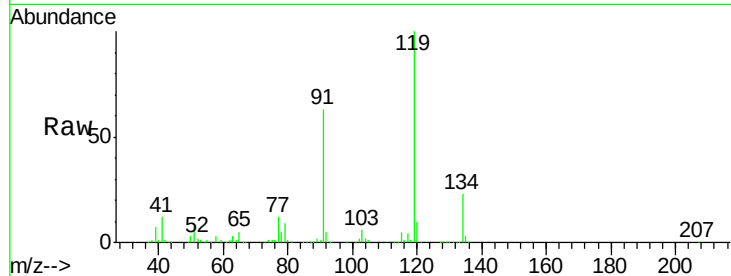




#83
 tert-Butylbenzene
 Concen: 53.965 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

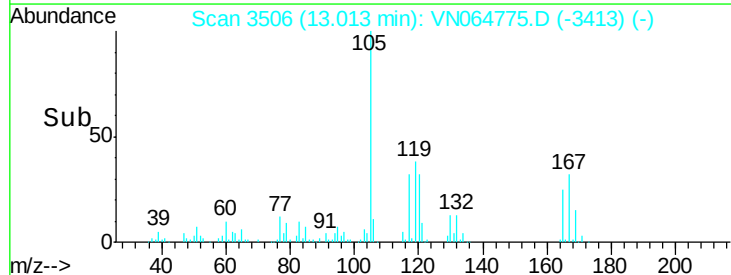
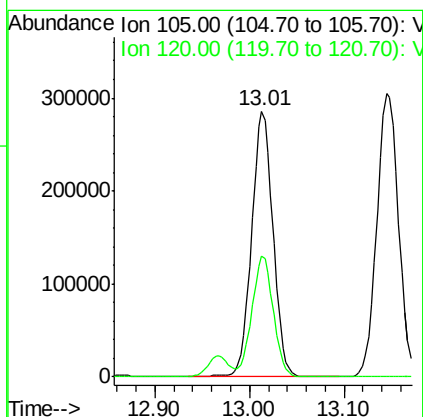
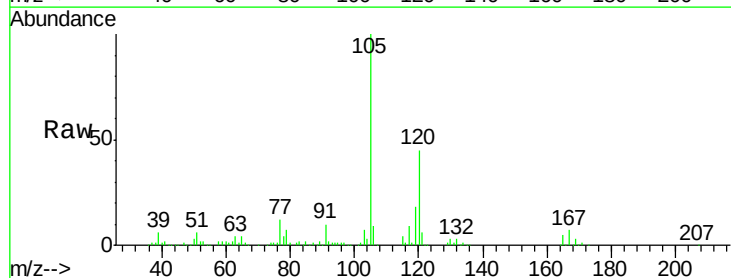
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

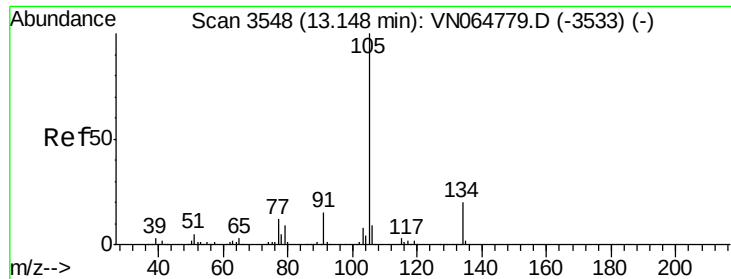
Tot Ion:119 Resp: 365656
 Ion Ratio Lower Upper
 119 100
 91 63.2 32.3 96.8
 134 24.4 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.932 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Tgt Ion:105 Resp: 448972
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 53.769 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

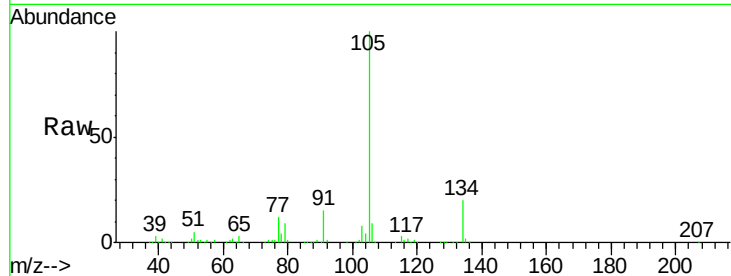
VSTDCCC050

Tot Ion:105 Resp: 483730

Ion Ratio Lower Upper

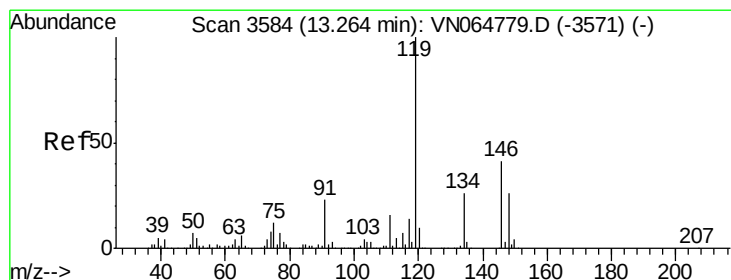
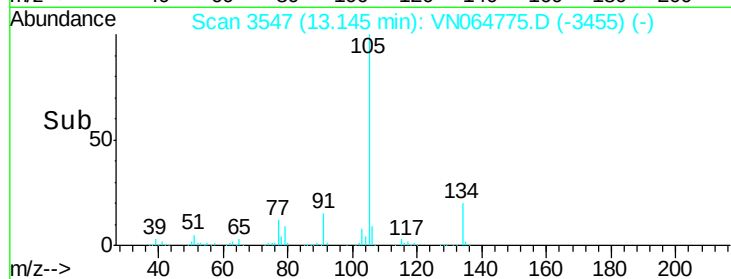
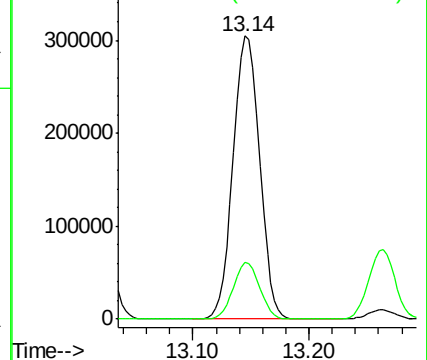
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.435 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

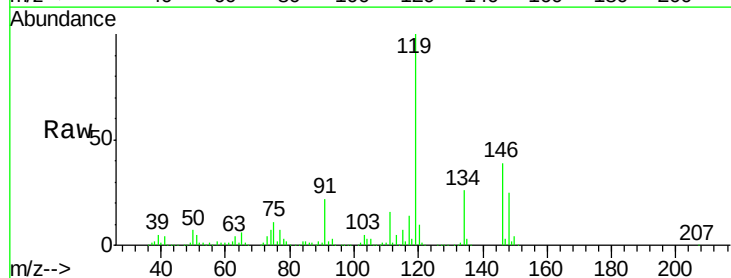
Tgt Ion:119 Resp: 454042

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

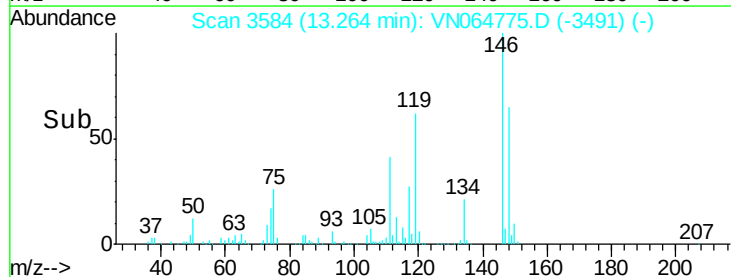
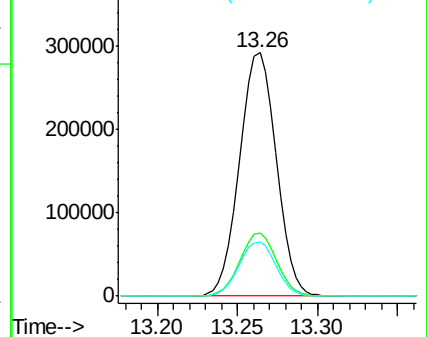
91 22.3 11.5 34.5

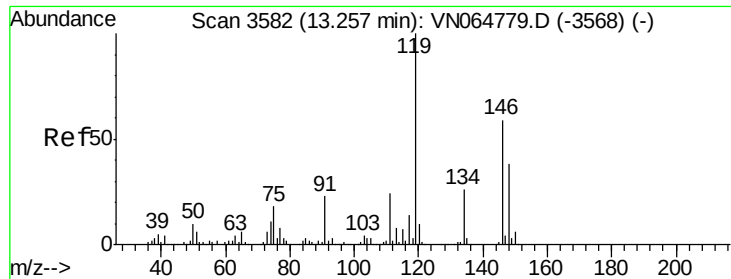


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

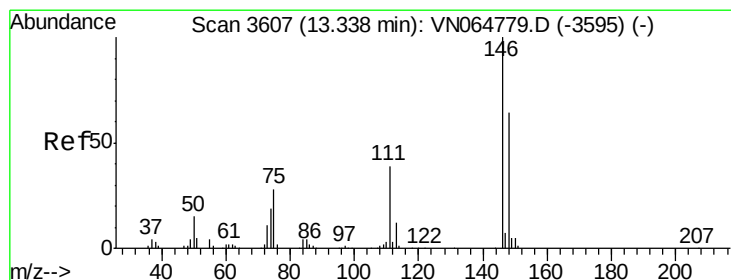
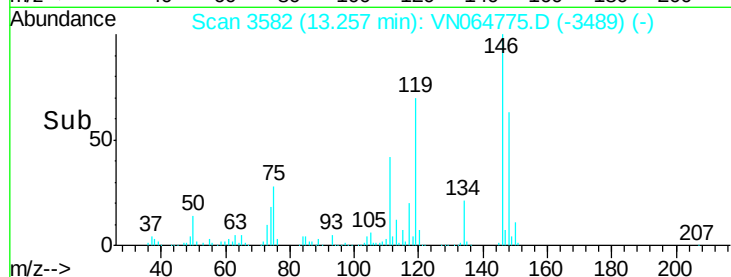
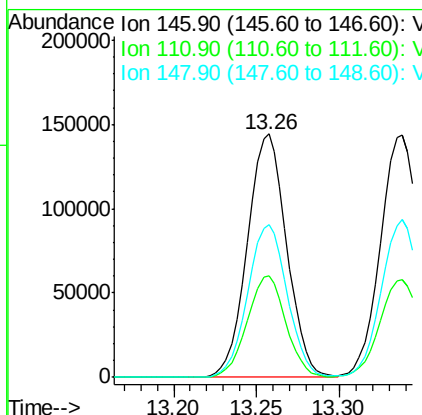
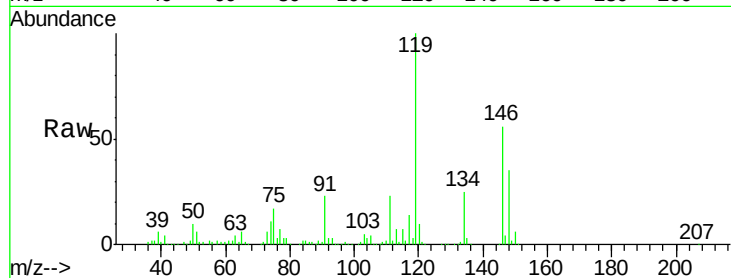




#87
 1,3-Dichlorobenzene
 Concen: 51.037 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

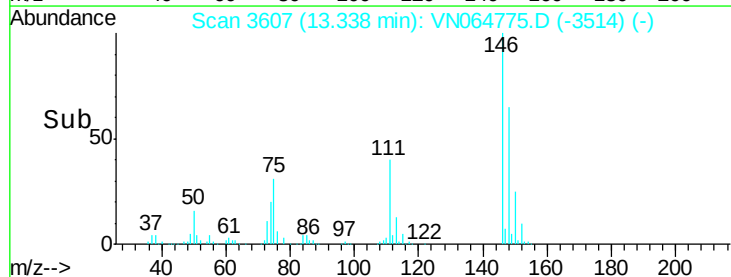
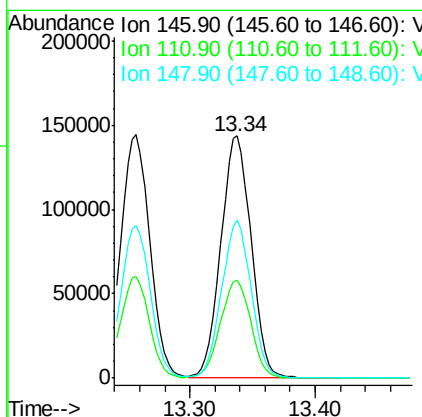
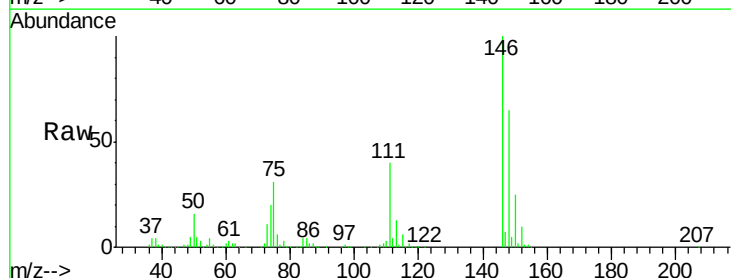
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

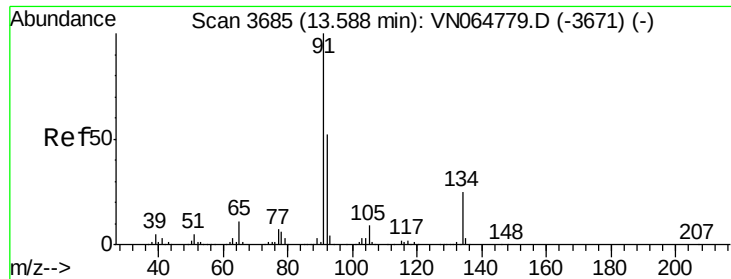
Tot Ion:146 Resp: 237750
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.889 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Tgt Ion:146 Resp: 240849
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.8 59.3
 148 63.4 31.9 95.5

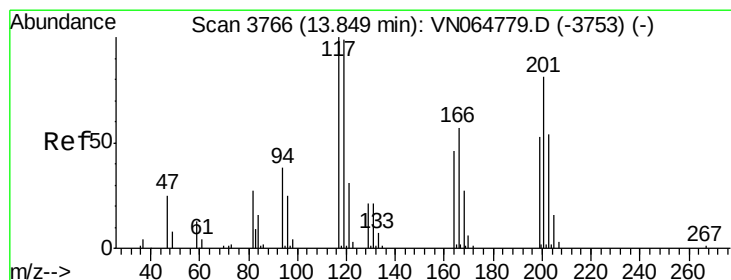
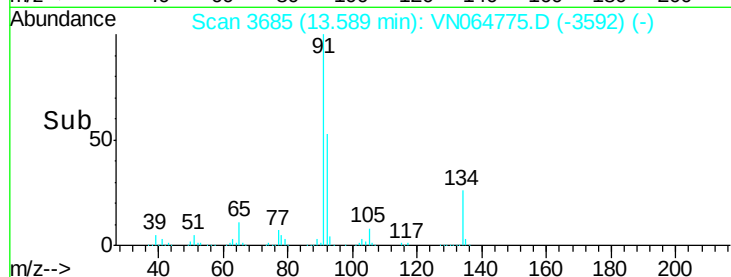
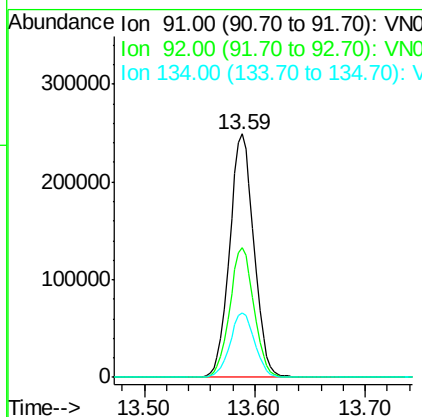
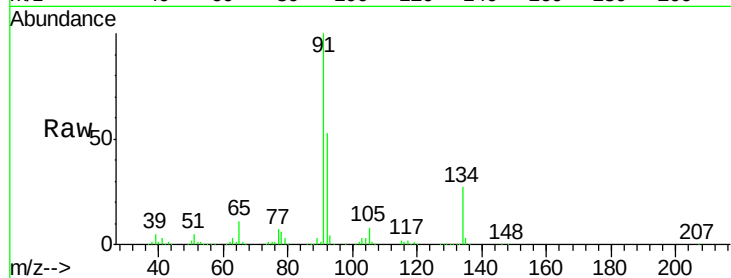




#89
n-Butylbenzene
Concen: 53.036 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

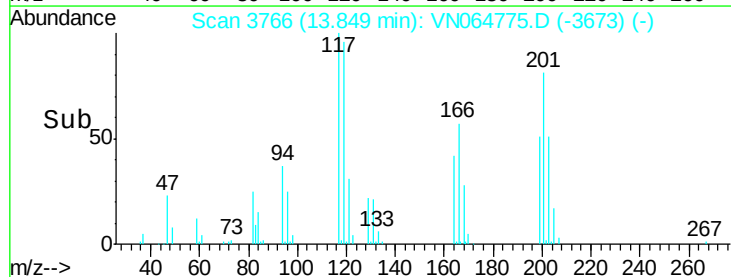
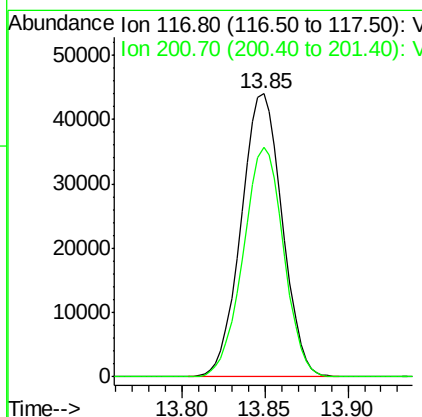
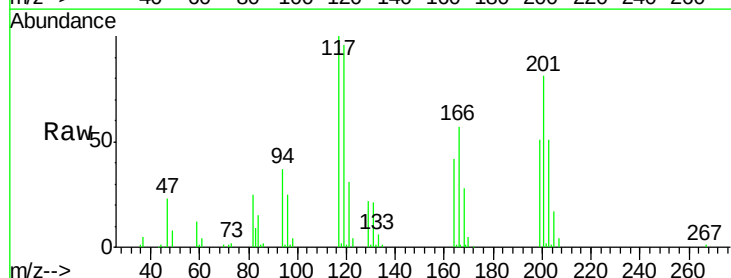
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

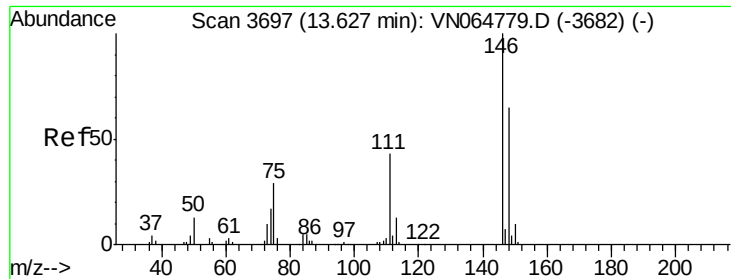
Tot Ion: 91 Resp: 381482
Ion Ratio Lower Upper
91 100
92 53.1 26.0 78.0
134 26.8 12.9 38.6



#90
Hexachloroethane
Concen: 53.178 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064775.D
Acq: 23 Nov 2020 10:42

Tgt Ion: 117 Resp: 75665
Ion Ratio Lower Upper
117 100
201 80.1 40.1 120.3

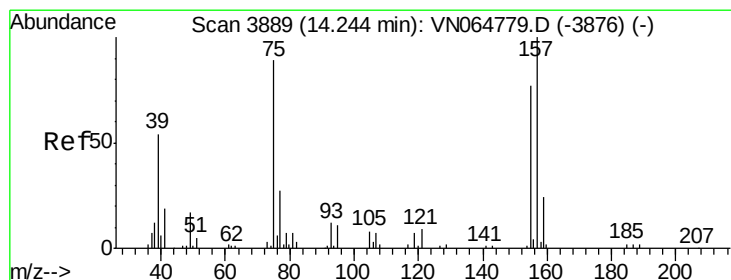
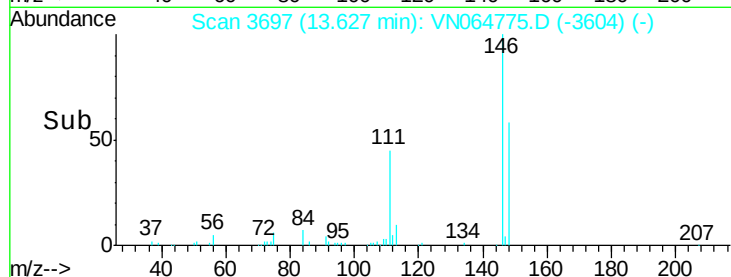
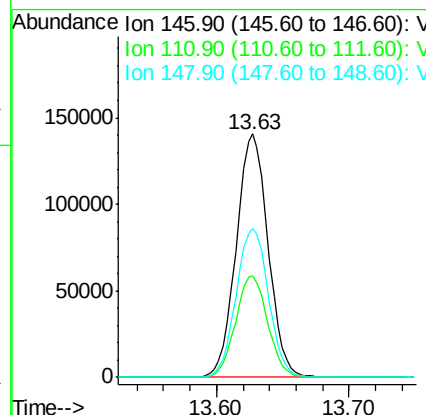
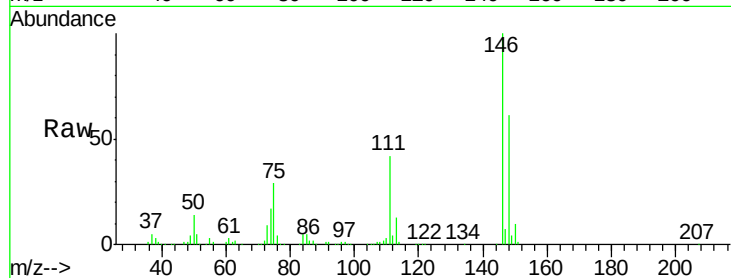




#91
 1,2-Dichlorobenzene
 Concen: 51.164 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

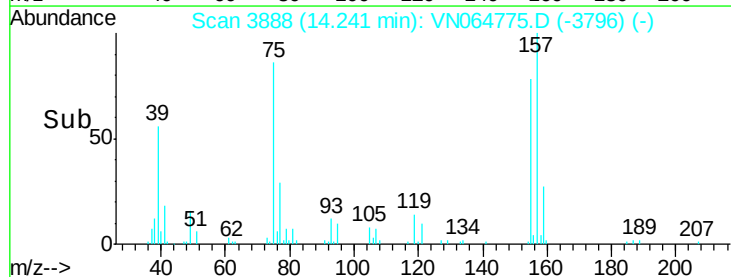
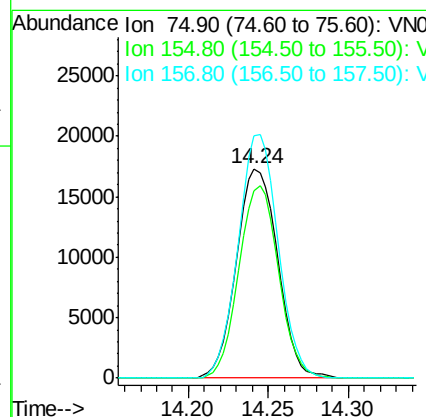
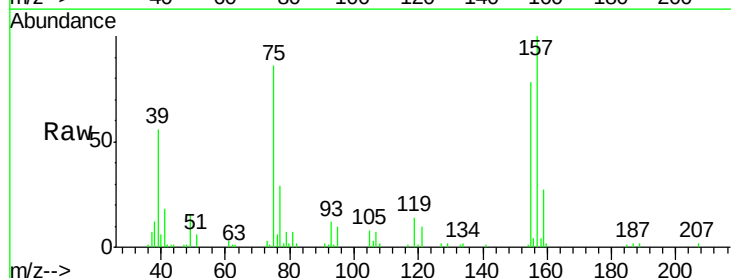
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

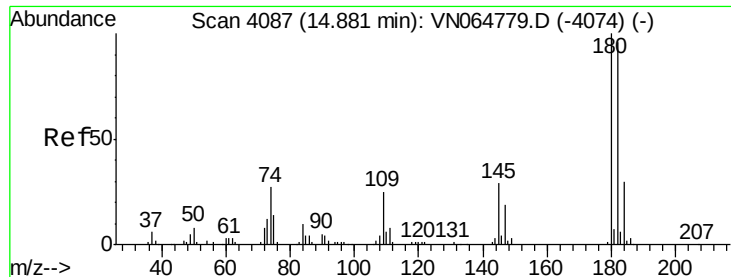
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.1
148	62.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.596 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	42.8	128.3
157	112.1	56.4	169.1

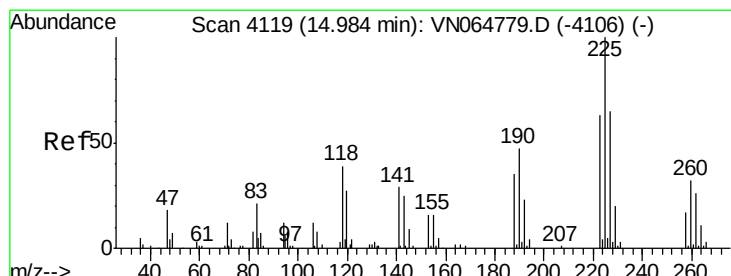
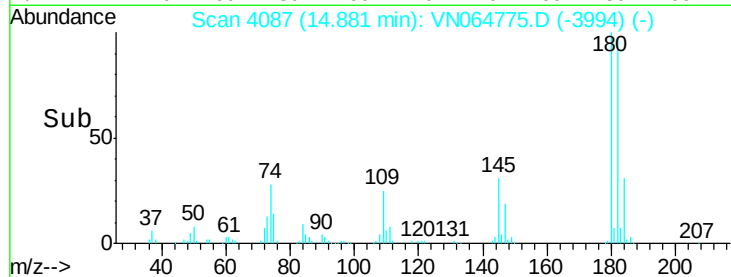
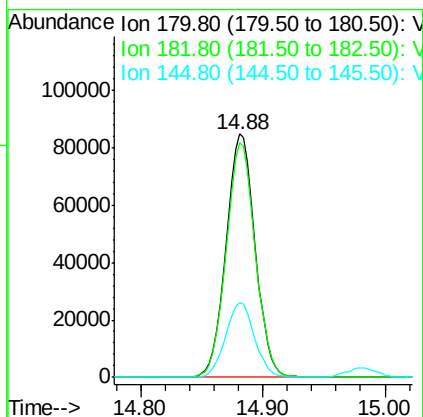
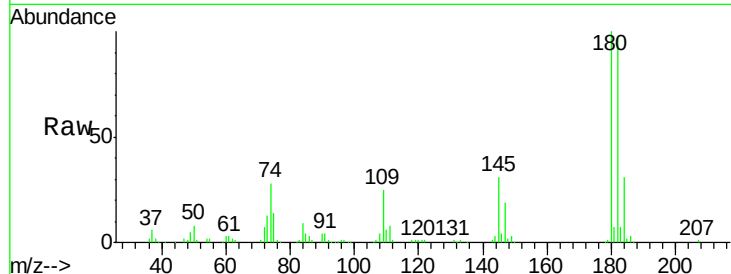




#93
 1,2,4-Trichlorobenzene
 Concen: 49.970 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

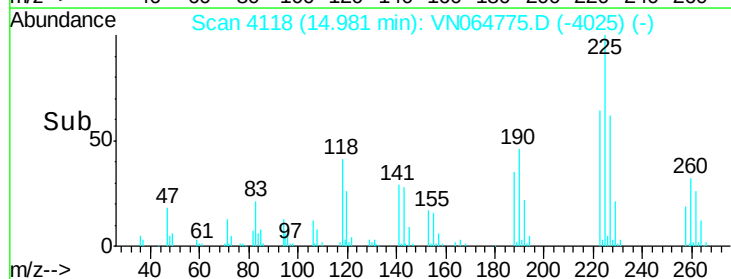
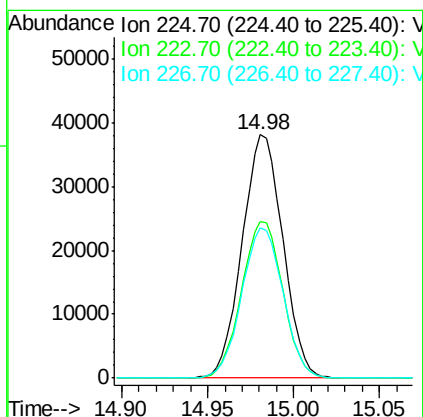
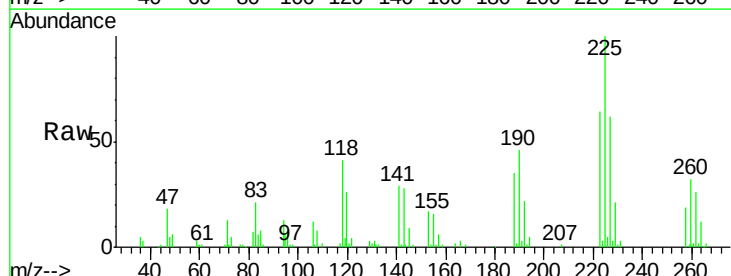
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

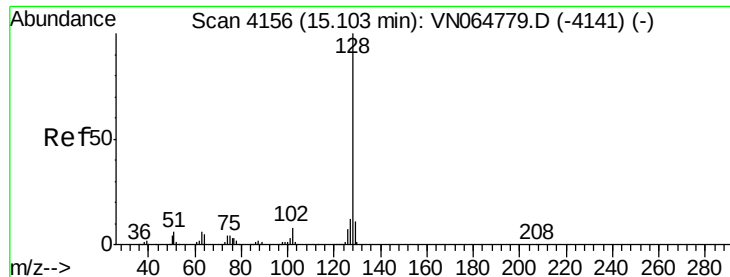
Tot Ion:180 Resp: 141392
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 30.7 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 49.237 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064775.D
 Acq: 23 Nov 2020 10:42

Tgt Ion:225 Resp: 62729
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.0 93.0
 227 62.4 32.0 96.0





#95

Naphthalene

Concen: 49.560 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

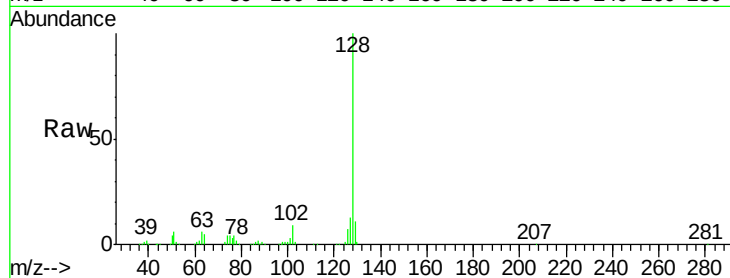
Tot Ion:128 Resp: 420117

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

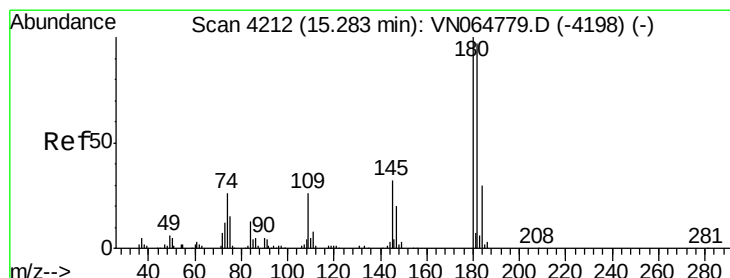
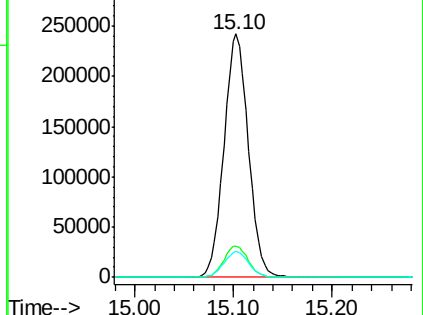
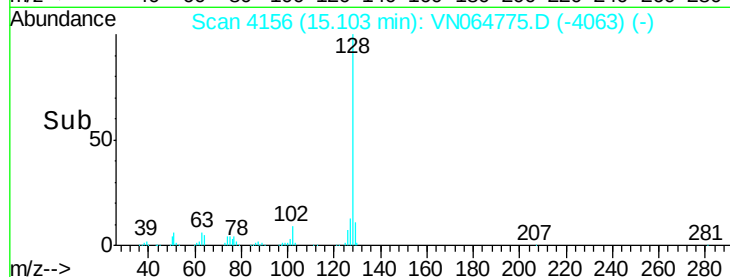
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.018 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064775.D

Acq: 23 Nov 2020 10:42

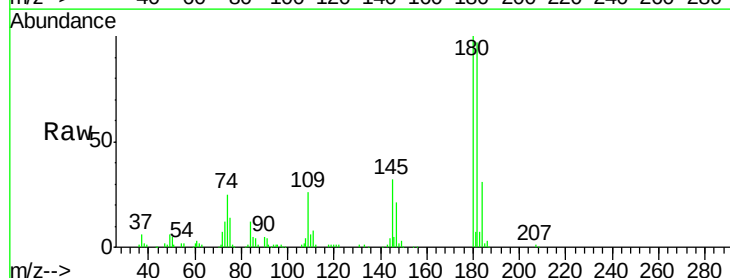
Tgt Ion:180 Resp: 134495

Ion Ratio Lower Upper

180 100

182 96.1 48.1 144.4

145 32.6 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

