

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064862.D
 Acq On : 30 Nov 2020 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 01 01:17:26 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	215345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	295505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146421	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	115637	46.19	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.38%	
35) Dibromofluoromethane		7.55	113	99467	51.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.98%	
50) Toluene-d8		10.06	98	385015	49.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.50%	
62) 4-Bromofluorobenzene		12.37	95	139282	49.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	81550	43.695	ug/l	99
3) Chloromethane	2.04	50	104125	42.933	ug/l	98
4) Vinyl Chloride	2.17	62	111401	44.057	ug/l	96
5) Bromomethane	2.53	94	69891	42.130	ug/l	98
6) Chloroethane	2.67	64	70790	45.264	ug/l	97
7) Trichlorofluoromethane	2.99	101	159490	45.630	ug/l	98
8) Diethyl Ether	3.37	74	64792	46.962	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	99710	47.554	ug/l	98
10) Methyl Iodide	3.90	142	117748	43.295	ug/l	99
11) Tert butyl alcohol	4.74	59	78035	199.869	ug/l	99
12) 1,1-Dichloroethene	3.69	96	95308	45.641	ug/l	98
13) Acrolein	3.57	56	39790	166.847	ug/l	99
14) Allyl chloride	4.27	41	157599	45.758	ug/l	100
15) Acrylonitrile	4.93	53	243886	226.118	ug/l	99
16) Acetone	3.78	43	168456	204.690	ug/l	100
17) Carbon Disulfide	4.00	76	245524	45.538	ug/l	100
18) Methyl Acetate	4.28	43	112222	45.354	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	326760	48.790	ug/l	99
20) Methylene Chloride	4.50	84	114980	44.586	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	106453	45.906	ug/l	99
22) Diisopropyl ether	5.90	45	338188	49.057	ug/l	99
23) Vinyl Acetate	5.84	43	1339908	243.056	ug/l	100
24) 1,1-Dichloroethane	5.79	63	194912	47.310	ug/l	98
25) 2-Butanone	6.79	43	297883	223.285	ug/l	97
26) 2,2-Dichloropropane	6.78	77	168350	47.114	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	123908	47.485	ug/l	98
28) Bromochloromethane	7.15	49	83067	44.073	ug/l	97
29) Tetrahydrofuran	7.17	42	202855	220.276	ug/l	98
30) Chloroform	7.33	83	200144	47.108	ug/l	99
31) Cyclohexane	7.61	56	159429	45.691	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	170297	46.669	ug/l	99
36) 1,1-Dichloropropene	7.75	75	148820	50.211	ug/l	98
37) Ethyl Acetate	6.88	43	131164	45.942	ug/l	98
38) Carbon Tetrachloride	7.73	117	153816	49.877	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	167958	52.641	ug/l	98
40) Benzene	8.00	78	452498	49.822	ug/l	98
41) Methacrylonitrile	7.12	41	63322	48.067	ug/l	91
42) 1,2-Dichloroethane	8.08	62	149153	48.681	ug/l	99
43) Isopropyl Acetate	8.13	43	219909	47.868	ug/l	99
44) Trichloroethene	8.80	130	135786	50.671	ug/l	96
45) 1,2-Dichloropropane	9.08	63	119466	50.793	ug/l	100
46) Dibromomethane	9.17	93	80183	51.029	ug/l	96
47) Bromodichloromethane	9.37	83	161588	51.108	ug/l	98
48) Methyl methacrylate	9.16	41	106732	48.621	ug/l	98
49) 1,4-Dioxane	9.16	88	36475	879.131	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	667613	242.062	ug/l	99
52) Toluene	10.12	92	286811	51.278	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	178770	50.766	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	194712	51.585	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	114733	49.884	ug/l	95
56) Ethyl methacrylate	10.40	69	164503	51.829	ug/l	98
57) 1,3-Dichloropropane	10.68	76	189459	49.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	447077	256.075	ug/l	99
59) 2-Hexanone	10.72	43	475072	239.342	ug/l	99
60) Dibromochloromethane	10.87	129	130104	50.888	ug/l	100
61) 1,2-Dibromoethane	10.97	107	116913	50.032	ug/l	99
64) Tetrachloroethene	10.60	164	161025	56.009	ug/l	98
65) Chlorobenzene	11.41	112	315296	49.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	120403	51.628	ug/l	99
67) Ethyl Benzene	11.48	91	545963	51.500	ug/l	100
68) m/p-Xylenes	11.59	106	423692	105.561	ug/l	99
69) o-Xylene	11.92	106	199645	52.417	ug/l	99
70) Styrene	11.94	104	344580	53.590	ug/l	100
71) Bromoform	12.10	173	90116	48.380	ug/l #	100
73) Isopropylbenzene	12.22	105	536189	52.647	ug/l	100
74) N-amyl acetate	12.04	43	193513	48.281	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	127298	42.644	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	207591	65.833	ug/l #	100
77) Bromobenzene	12.50	156	136059	49.552	ug/l	98
78) n-propylbenzene	12.56	91	618866	53.340	ug/l	99
79) 2-Chlorotoluene	12.65	91	364745	50.858	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	463519	54.755	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	53992	46.928	ug/l #	84
82) 4-Chlorotoluene	12.75	91	385451	51.274	ug/l	100
83) tert-Butylbenzene	12.97	119	381375	53.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	465363	54.371	ug/l	99
85) sec-Butylbenzene	13.14	105	518561	55.042	ug/l	100
86) p-Isopropyltoluene	13.26	119	486003	56.662	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	245427	50.310	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	248748	48.216	ug/l	99
89) n-Butylbenzene	13.59	91	415707	55.189	ug/l	99
90) Hexachloroethane	13.85	117	78992	53.013	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	241424	50.402	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30276	45.075	ug/l	98

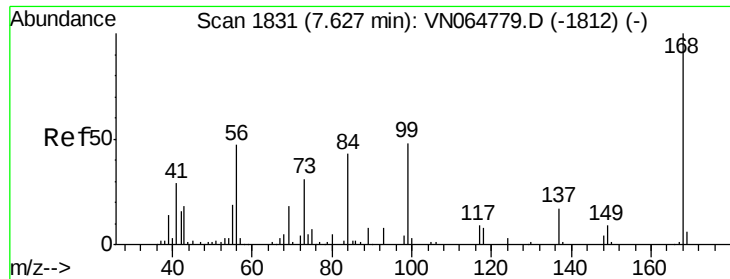
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QLast Update : Mon Nov 23 13:54:12 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	151472	51.119	ug/l	99
94) Hexachlorobutadiene	14.98	225	74673	55.919	ug/l	98
95) Naphthalene	15.10	128	424501	47.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	142862	50.714	ug/l	98

(#) = 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: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

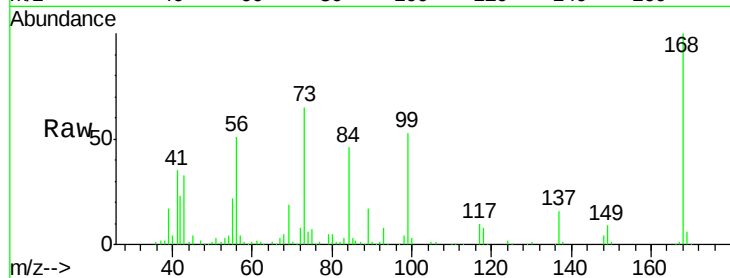
VSTDCCC050

Tot Ion:168 Resp: 215345

Ion Ratio Lower Upper

168 100

99 53.1 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

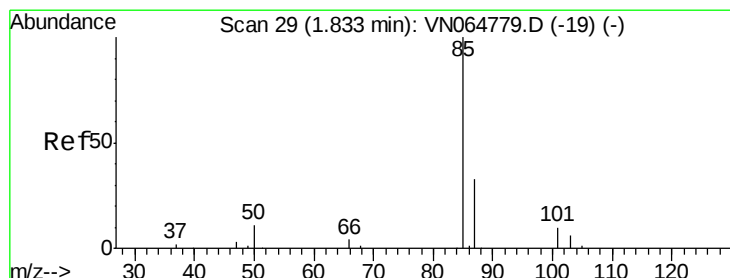
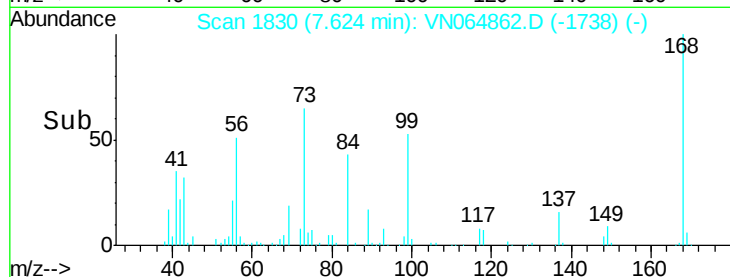
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.695 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064862.D

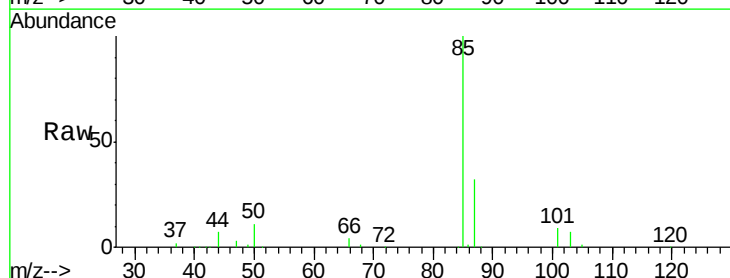
Acq: 30 Nov 2020 10:31

Tgt Ion: 85 Resp: 81550

Ion Ratio Lower Upper

85 100

87 32.2 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

60000

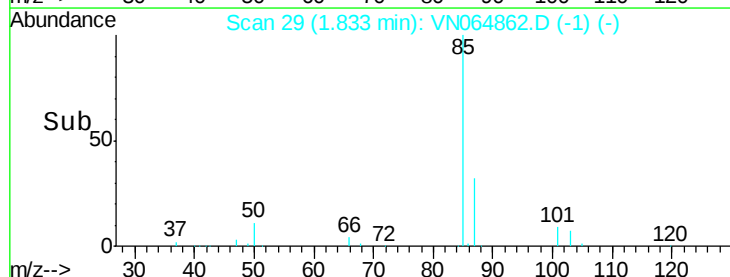
40000

20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 42.933 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

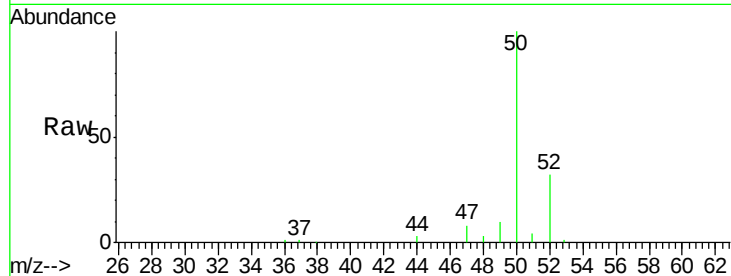
VSTDCCC050

Tot Ion: 50 Resp: 104125

Ion Ratio Lower Upper

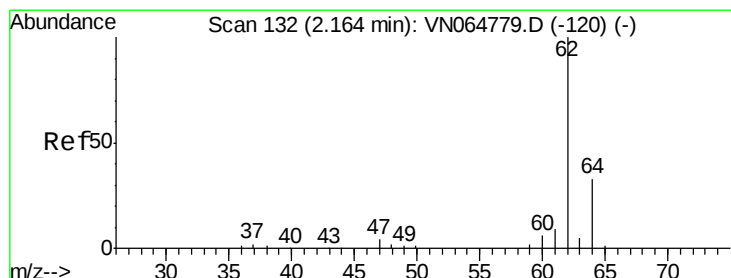
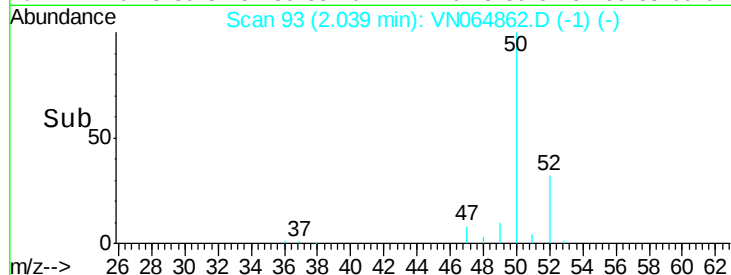
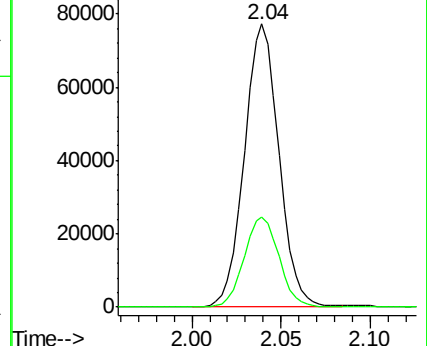
50 100

52 32.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 44.057 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064862.D

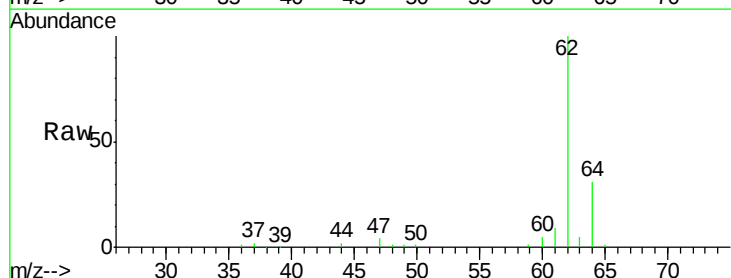
Acq: 30 Nov 2020 10:31

Tgt Ion: 62 Resp: 111401

Ion Ratio Lower Upper

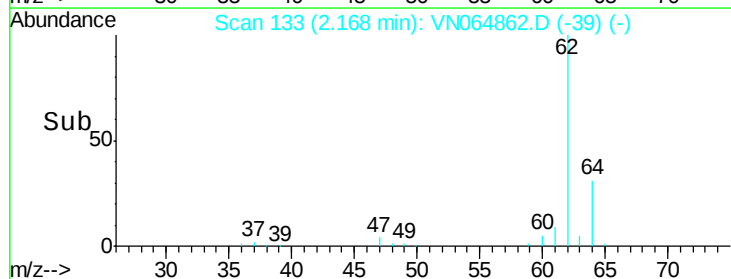
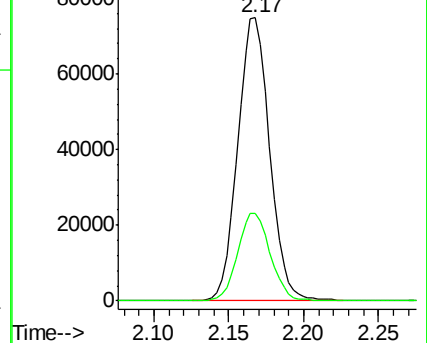
62 100

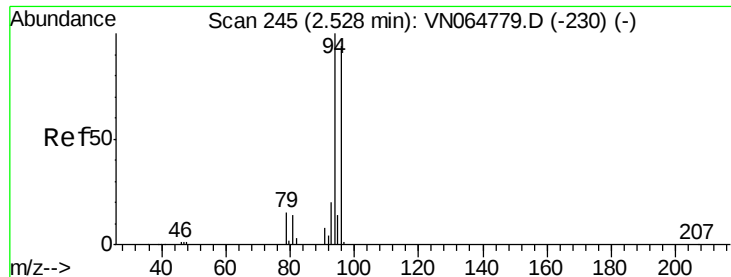
64 30.9 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 42.130 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

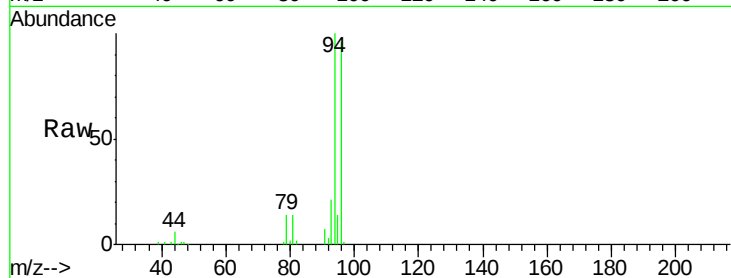
VSTDCCC050

Tot Ion: 94 Resp: 69891

Ion Ratio Lower Upper

94 100

96 96.2 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064862.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064862.D (-152) (-)

2.53

40000

30000

20000

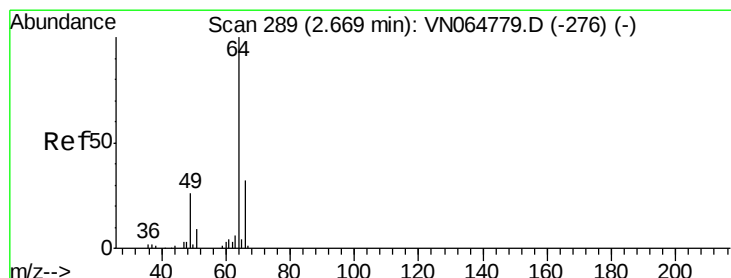
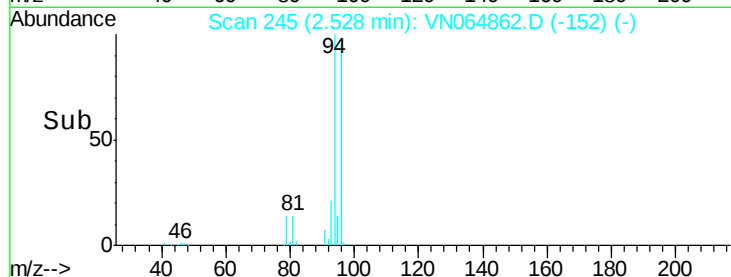
10000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 45.264 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064862.D

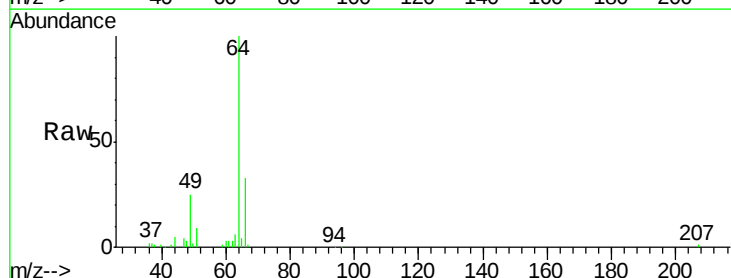
Acq: 30 Nov 2020 10:31

Tgt Ion: 64 Resp: 70790

Ion Ratio Lower Upper

64 100

66 33.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064862.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064862.D (-196) (-)

2.67

40000

30000

20000

10000

0

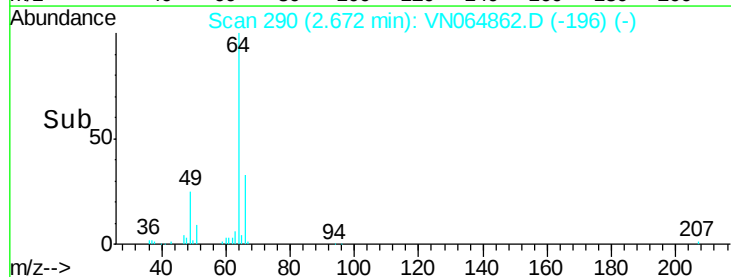
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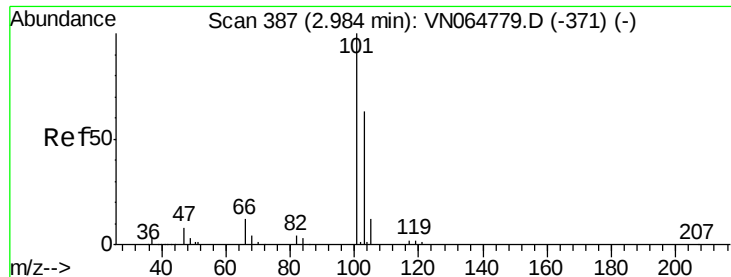
2.60

2.65

2.70

2.75



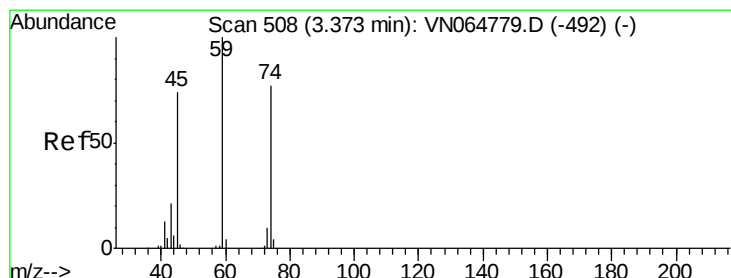
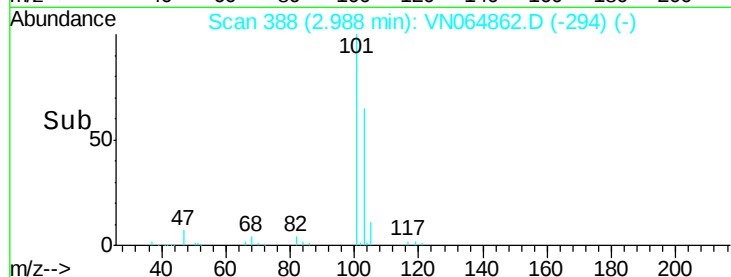
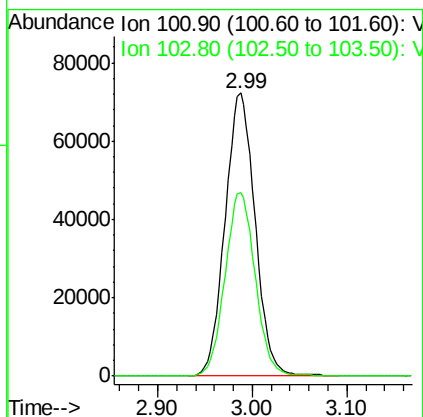
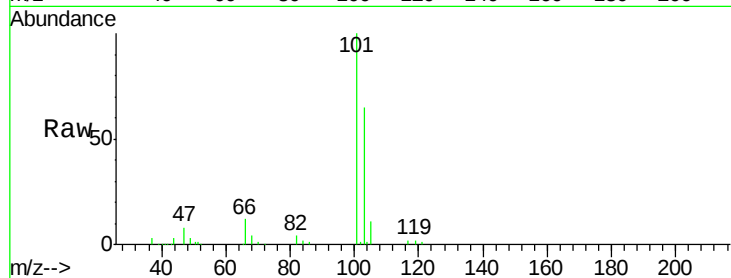


#7

Trichlorofluoromethane
Concen: 45.630 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Instrument :
MSVOA_N
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VSTDCCC050

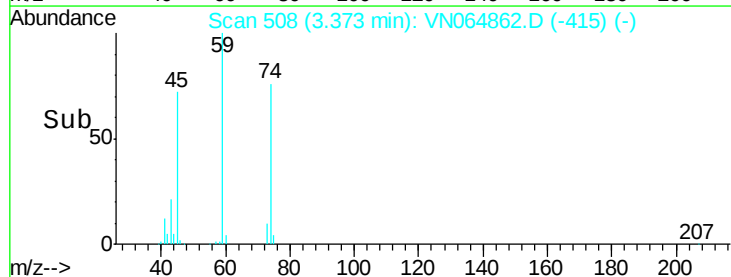
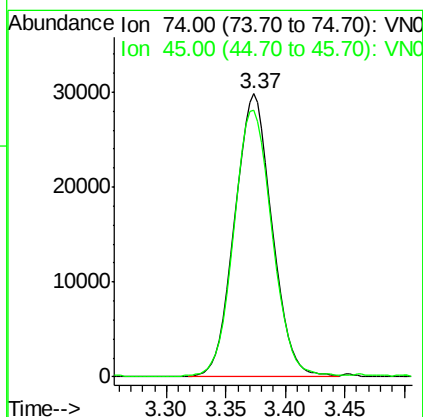
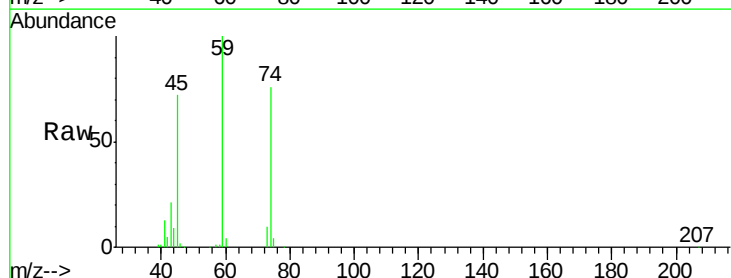
Tot Ion:101 Resp: 159490
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7

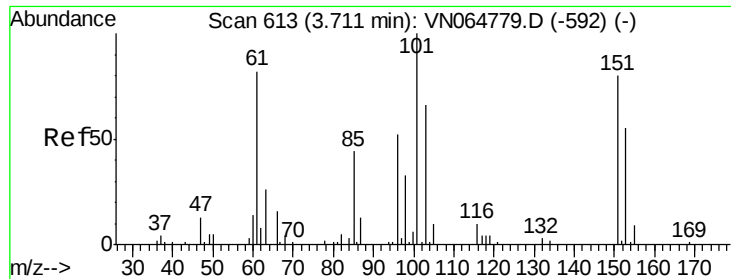


#8

Diethyl Ether
Concen: 46.962 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 74 Resp: 64792
Ion Ratio Lower Upper
74 100
45 97.2 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.554 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

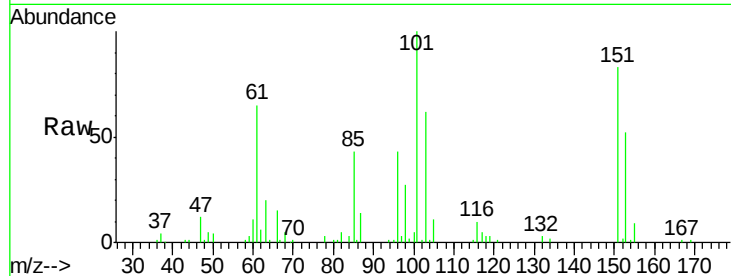
Tot Ion:101 Resp: 99710

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

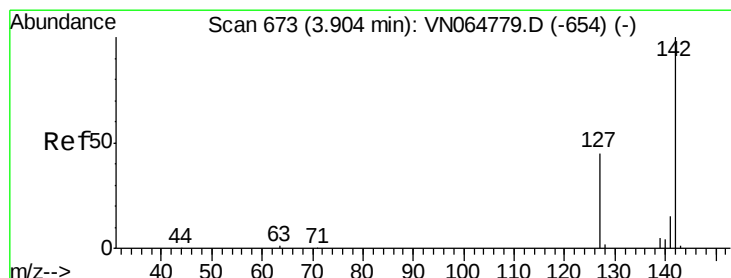
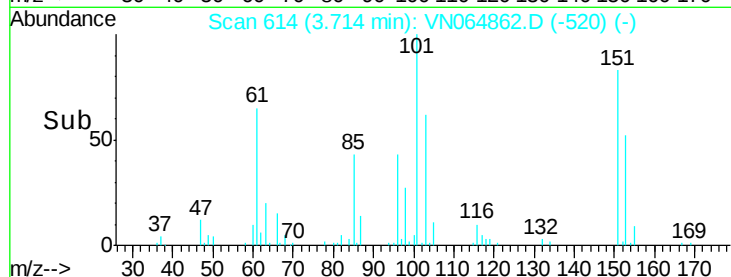
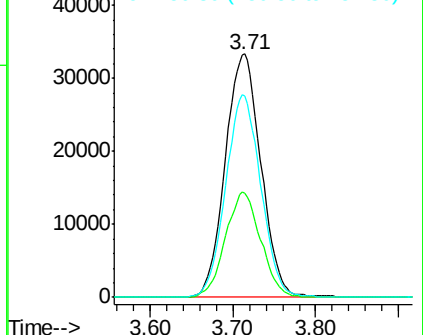
151 82.0 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.295 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

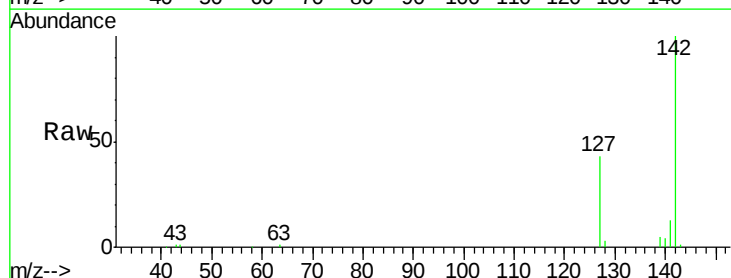
Tgt Ion:142 Resp: 117748

Ion Ratio Lower Upper

142 100

127 43.1 35.0 52.6

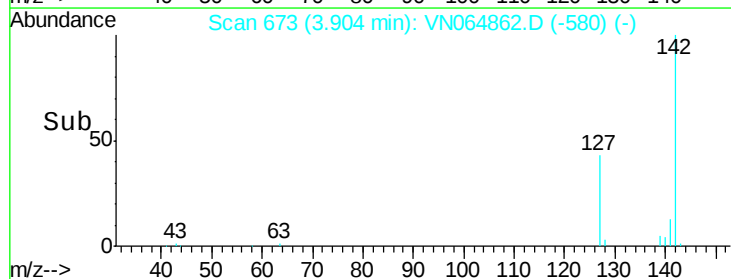
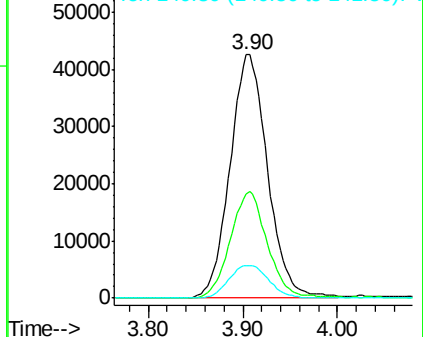
141 14.1 11.8 17.6

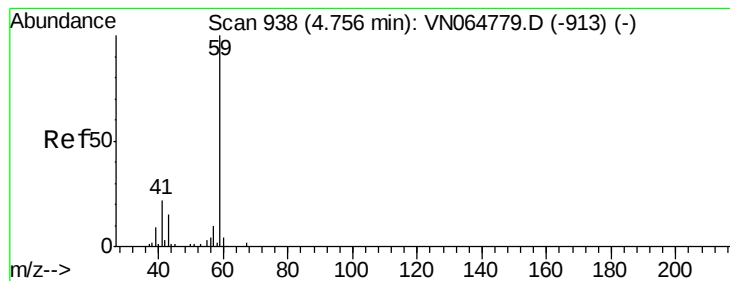


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



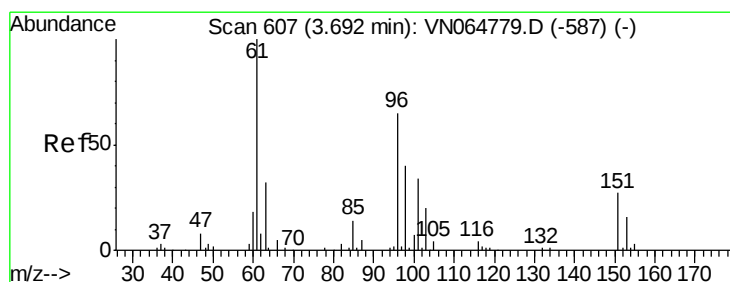
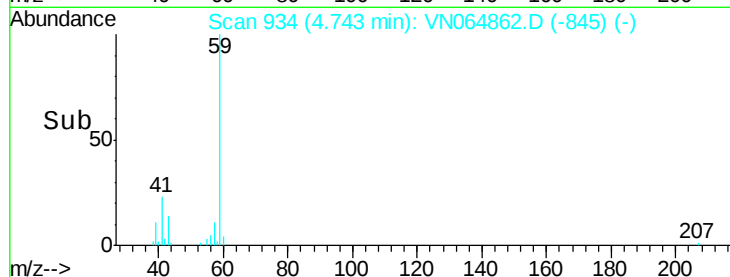
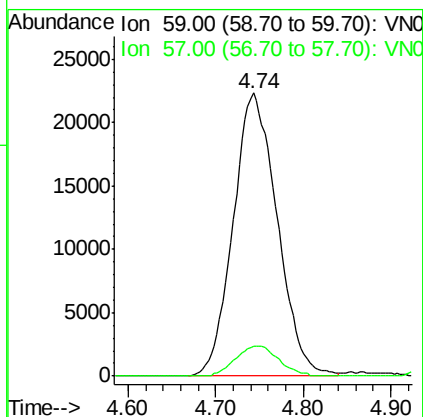
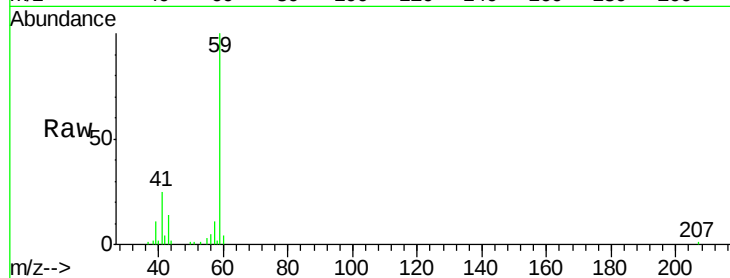


#11

Tert butyl alcohol
Concen: 199.869 ug/l
RT: 4.74 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

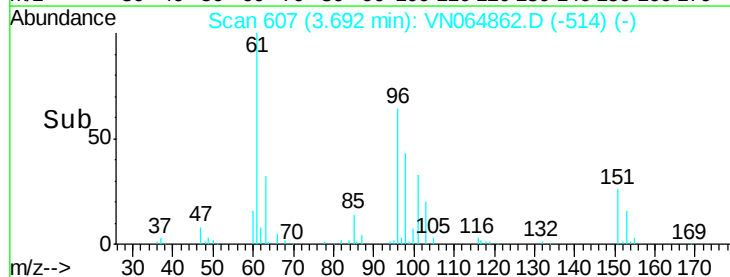
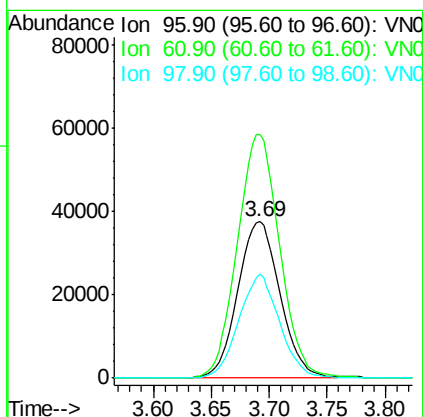
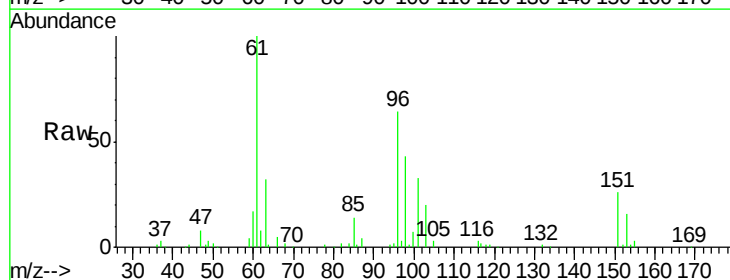
Tot Ion: 59 Resp: 78035
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9

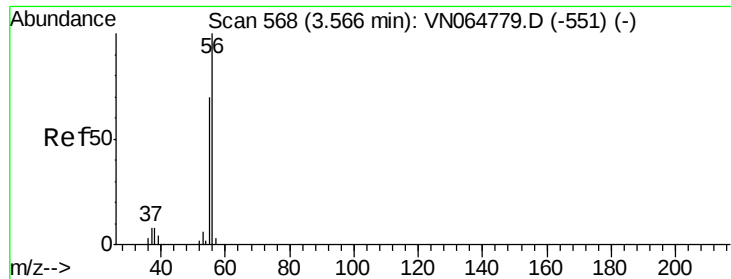


#12

1,1-Dichloroethene
Concen: 45.641 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 96 Resp: 95308
Ion Ratio Lower Upper
96 100
61 155.7 123.4 185.2
98 66.2 49.8 74.8





#13

Acrolein

Concen: 166.847 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

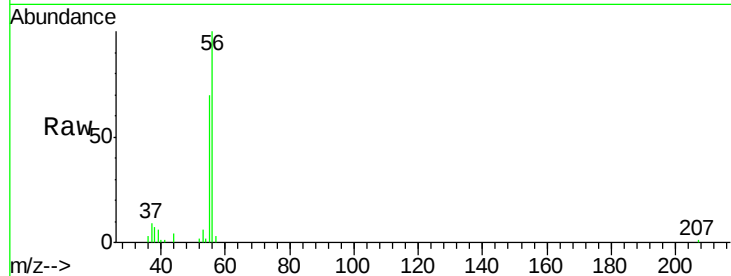
VSTDCCC050

Tot Ion: 56 Resp: 39790

Ion Ratio Lower Upper

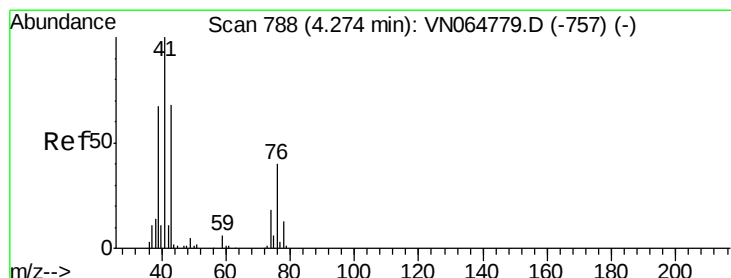
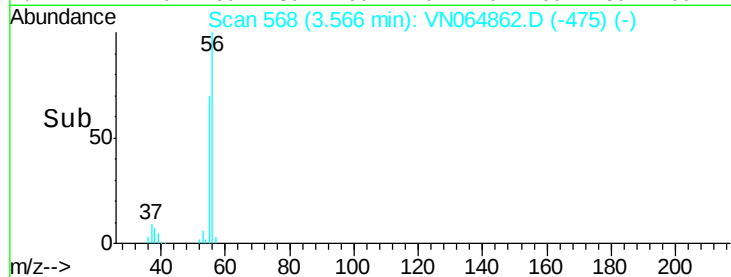
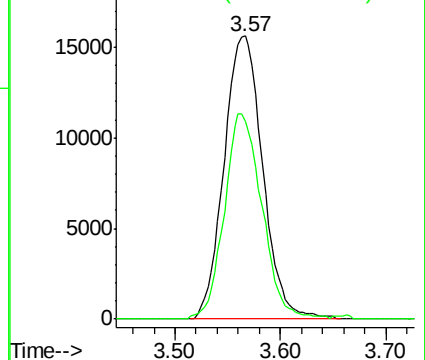
56 100

55 70.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.758 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

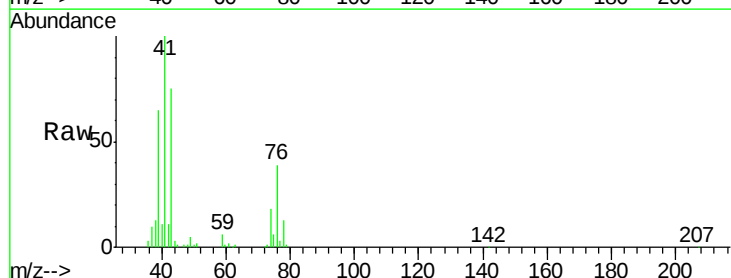
Tgt Ion: 41 Resp: 157599

Ion Ratio Lower Upper

41 100

39 63.6 50.9 76.3

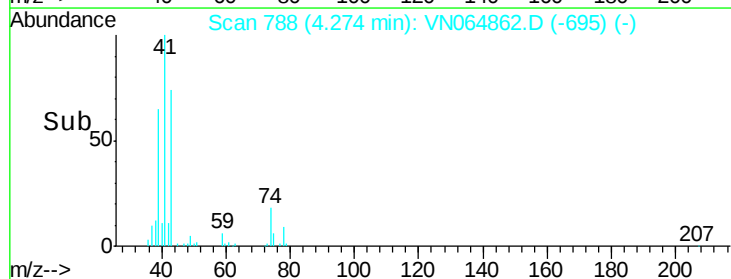
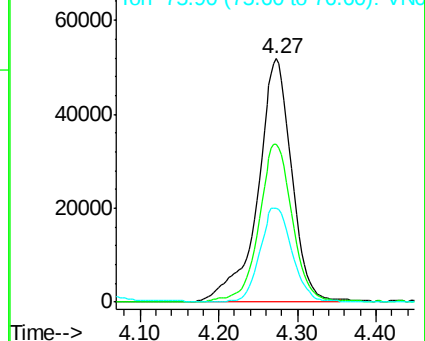
76 36.7 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 226.118 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

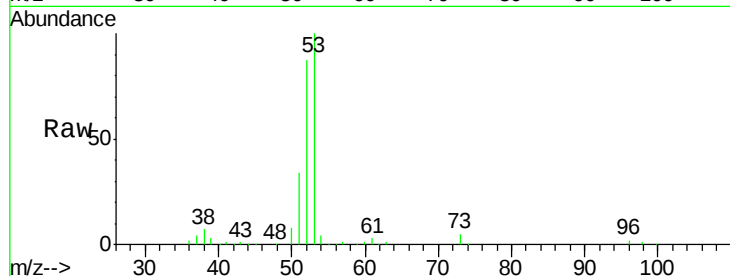
Tot Ion: 53 Resp: 243886

Ion Ratio Lower Upper

53 100

52 83.0 65.5 98.3

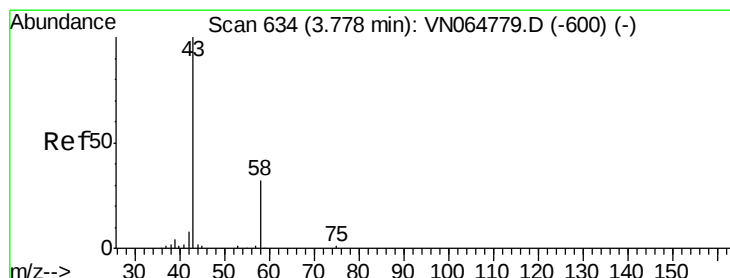
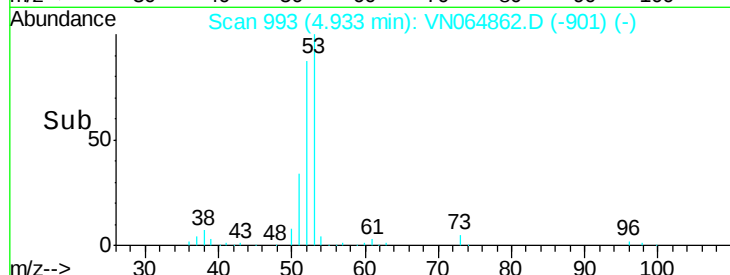
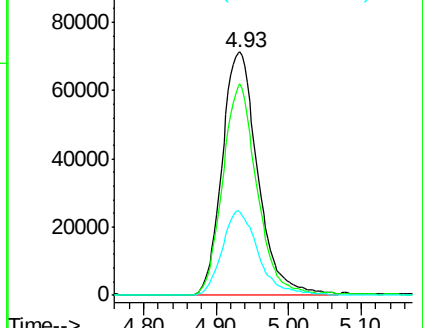
51 35.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064862.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064862.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064862.D (-901) (-)



#16

Acetone

Concen: 204.690 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064862.D

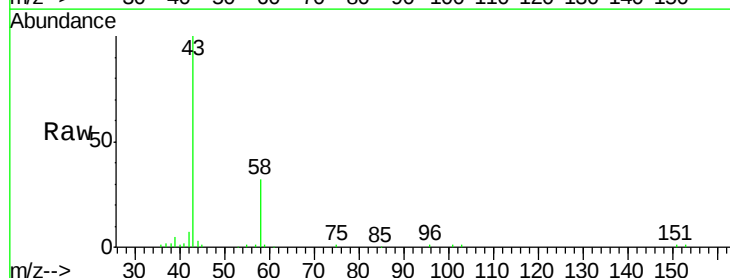
Acq: 30 Nov 2020 10:31

Tgt Ion: 43 Resp: 168456

Ion Ratio Lower Upper

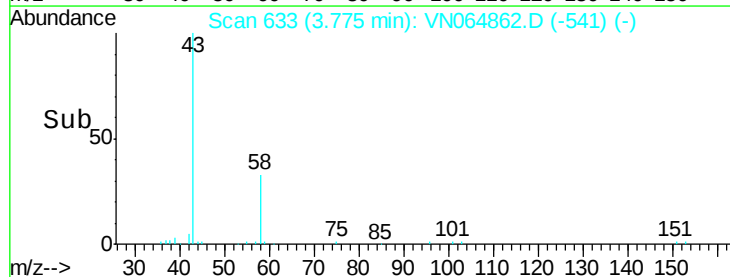
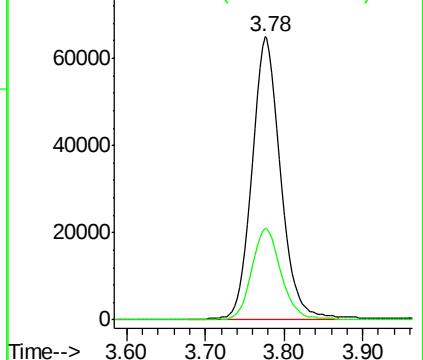
43 100

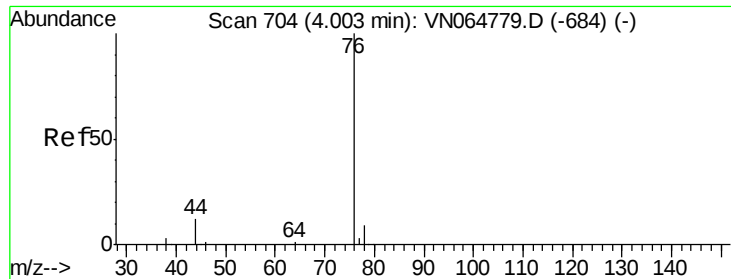
58 32.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064862.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064862.D (-541) (-)

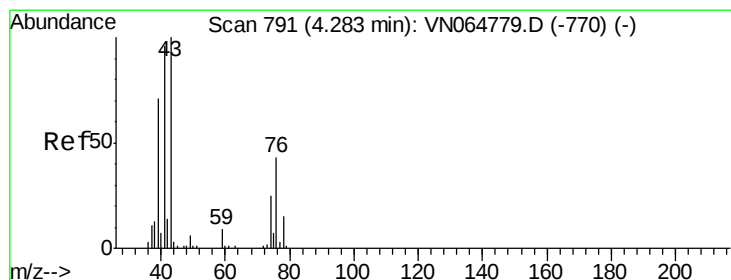
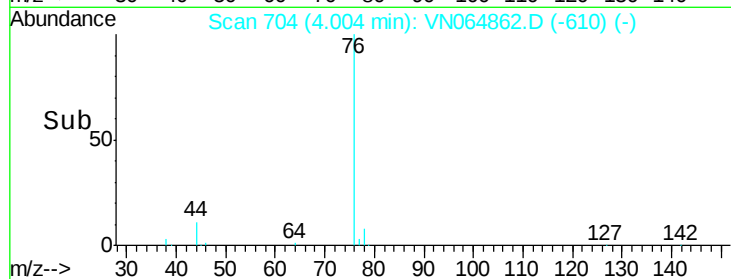
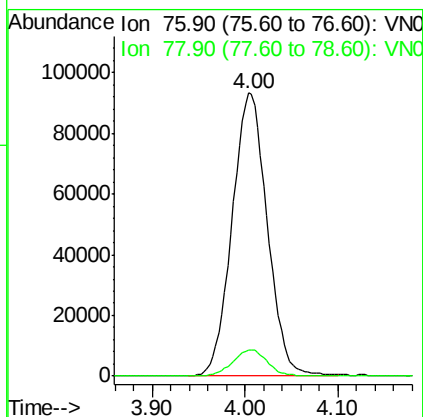
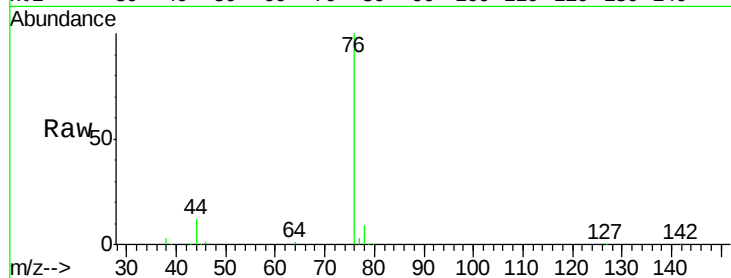




#17
Carbon Disulfide
Concen: 45.538 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

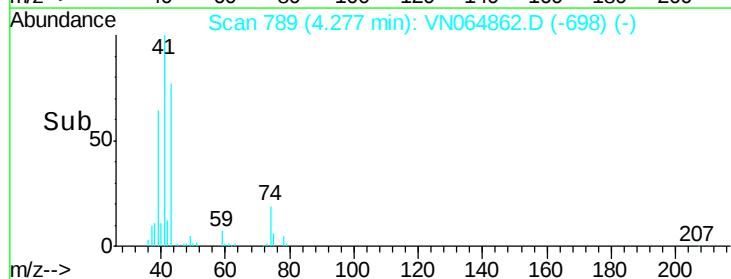
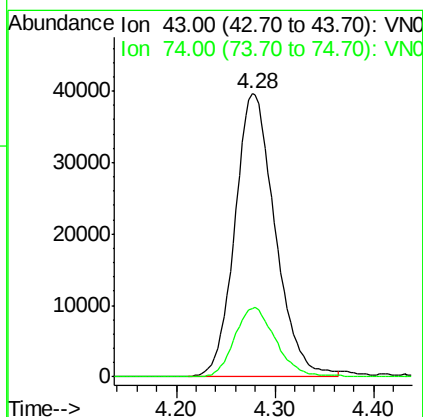
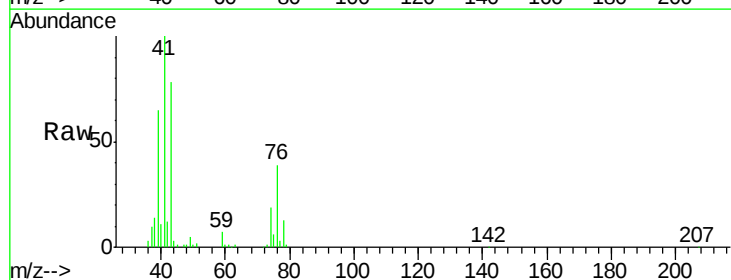
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

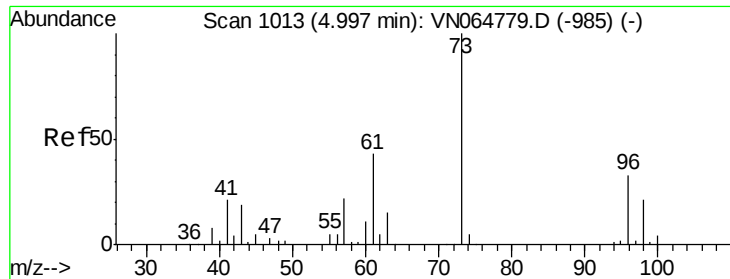
Tot Ion: 76 Resp: 245524
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 45.354 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 43 Resp: 112222
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2

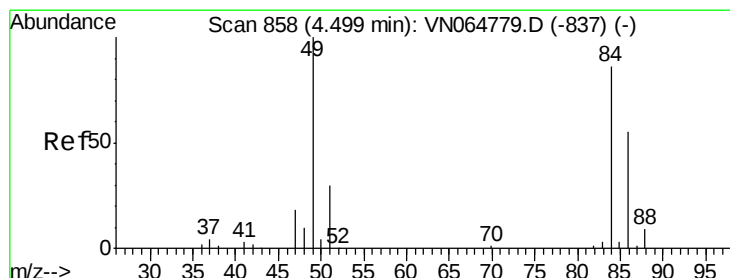
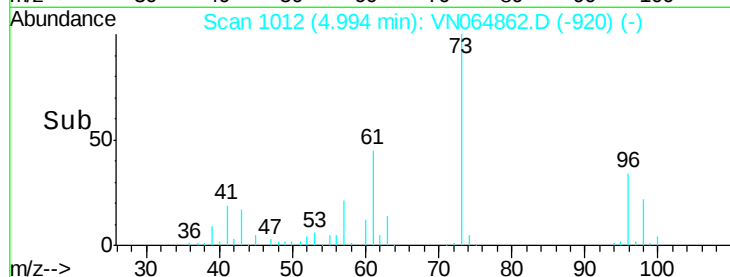
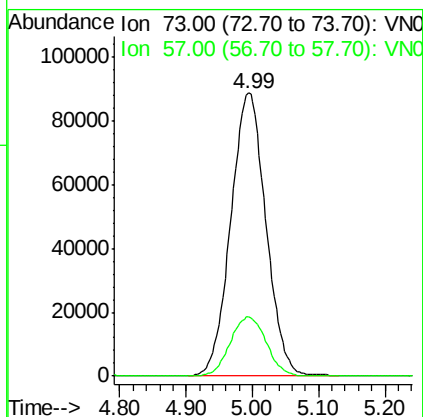
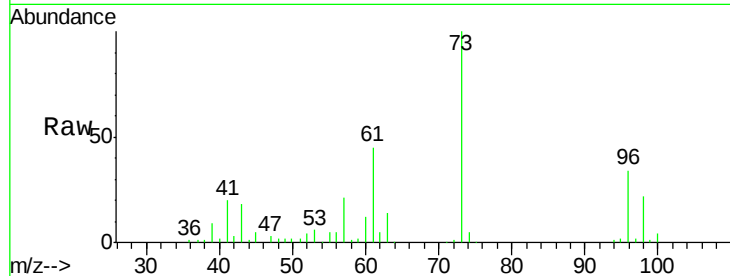




#19
Methvl tert-butvl Ether
Concen: 48.790 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

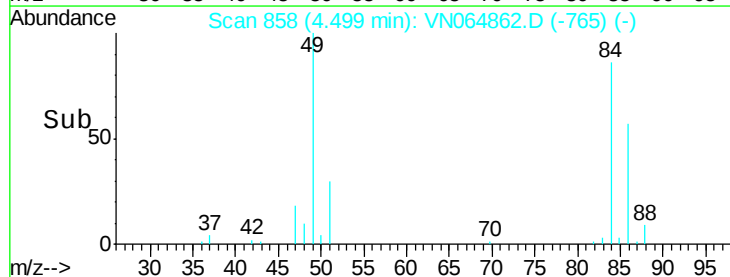
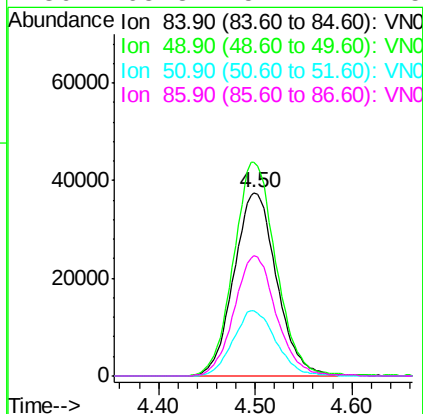
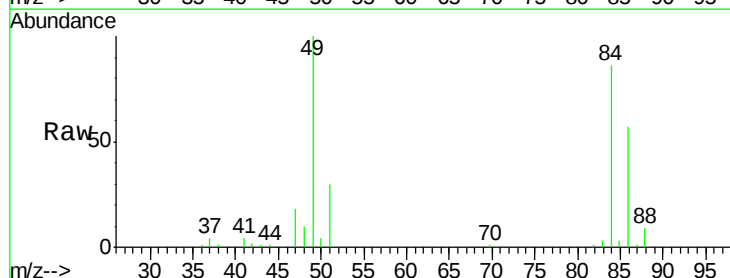
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

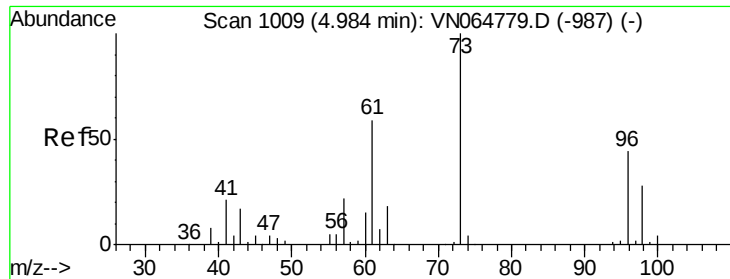
Tot Ion: 73 Resp: 326760
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0



#20
Methylene Chloride
Concen: 44.586 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 84 Resp: 114980
Ion Ratio Lower Upper
84 100
49 116.4 93.4 140.0
51 35.4 28.2 42.4
86 65.8 51.7 77.5

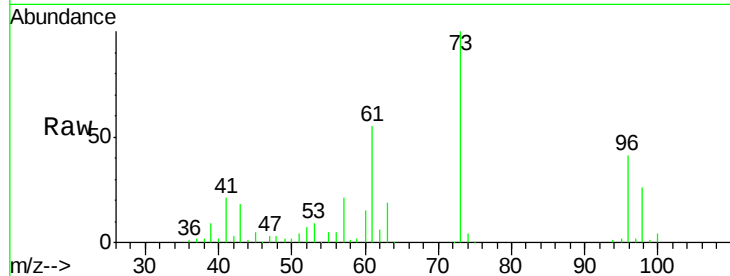




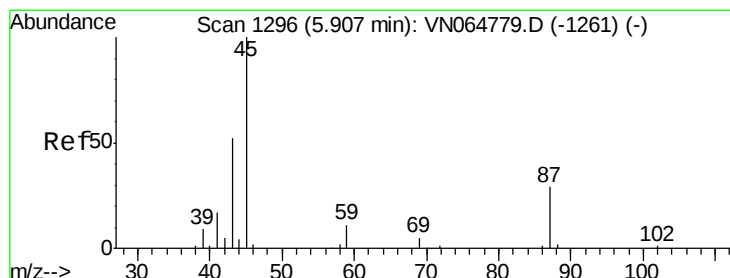
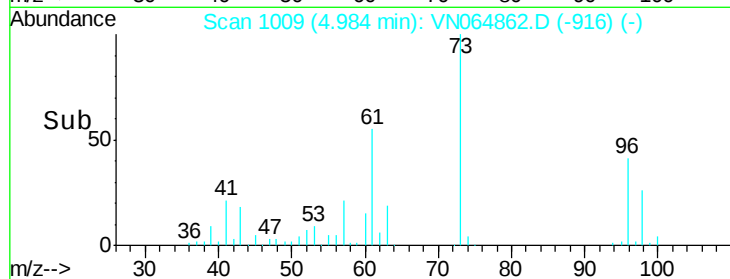
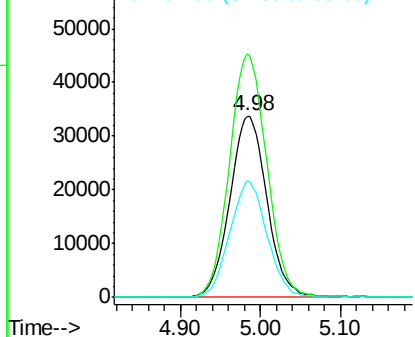
#21
trans-1,2-Dichloroethene
Concen: 45.906 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 106453
Ion Ratio Lower Upper
96 100
61 134.1 108.4 162.6
98 64.5 51.3 76.9

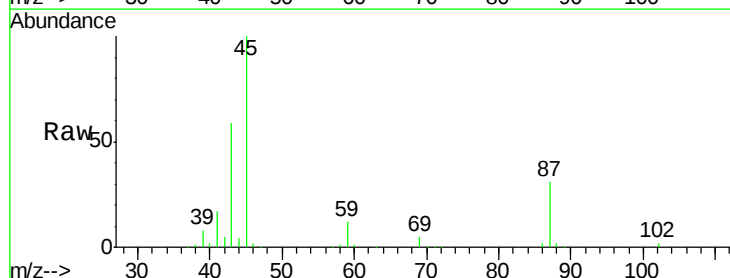


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

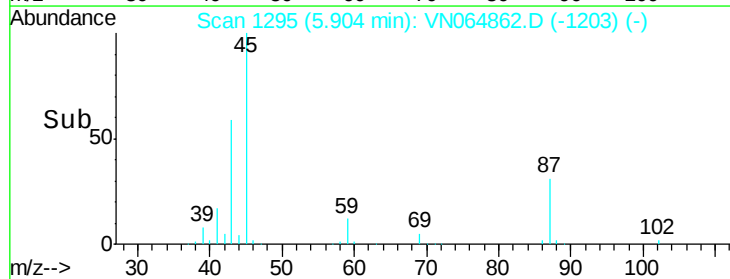
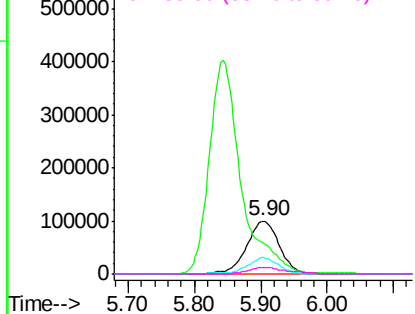


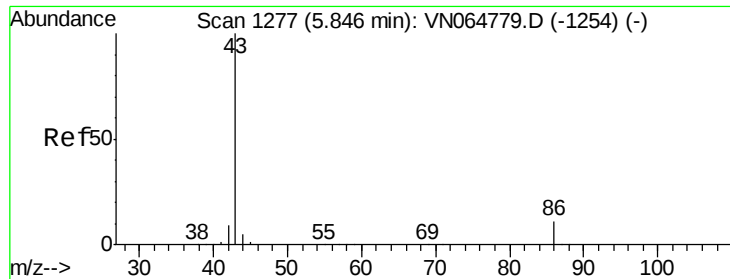
#22
Diisopropyl ether
Concen: 49.057 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 45 Resp: 338188
Ion Ratio Lower Upper
45 100
43 57.7 46.2 69.2
87 31.0 24.1 36.1
59 12.2 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

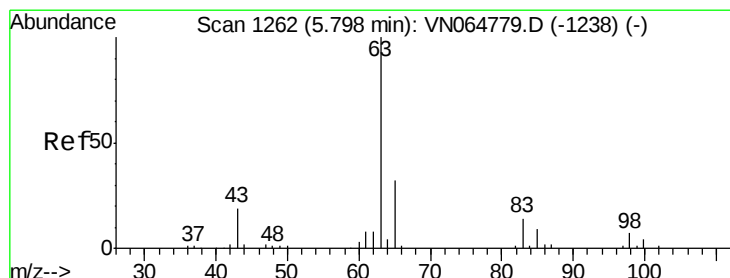
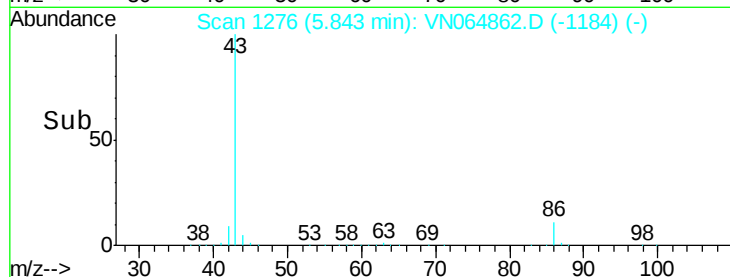
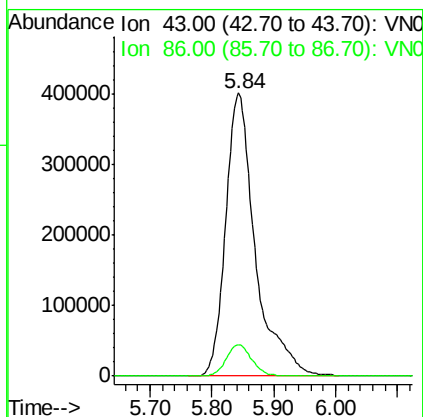
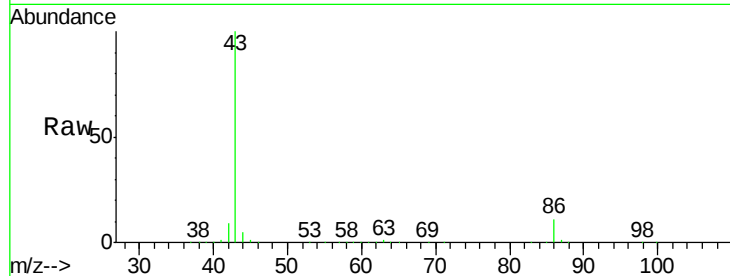




#23
 Vinyl Acetate
 Concen: 243.056 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

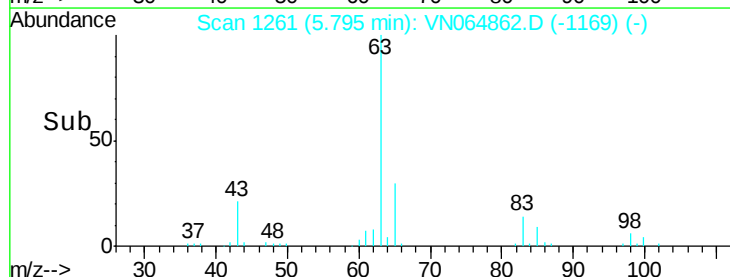
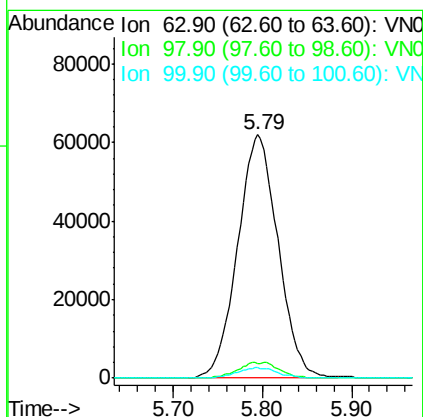
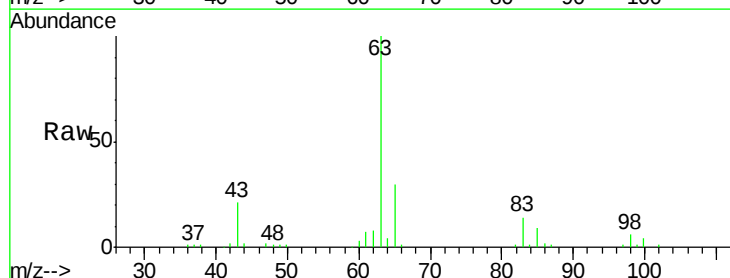
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1339908
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 47.310 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

Tgt Ion: 63 Resp: 194912
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 223.285 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

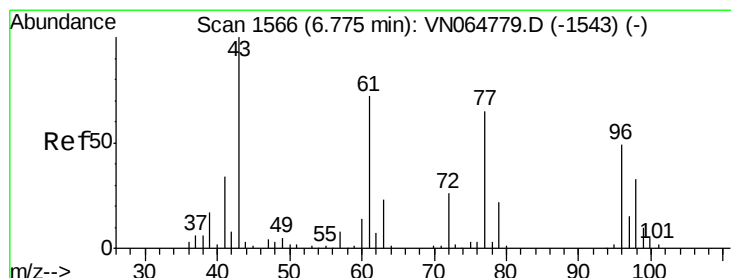
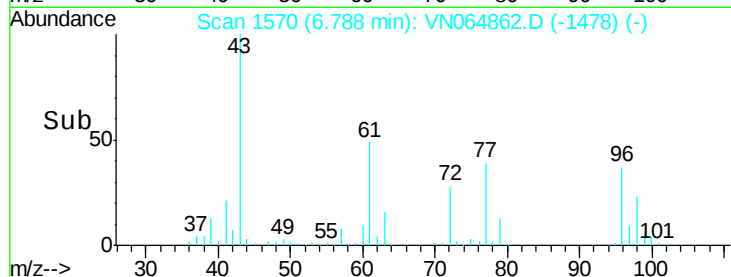
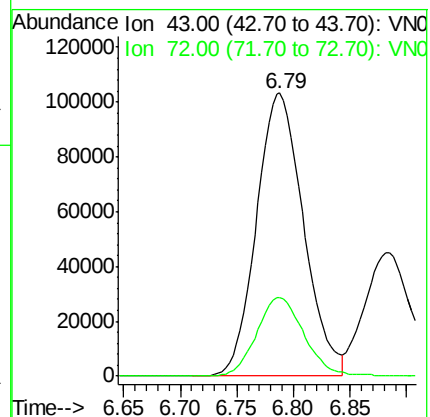
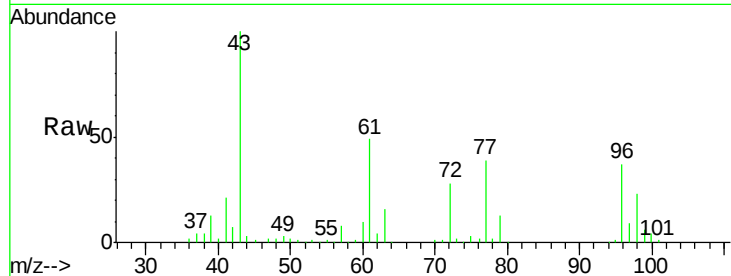
VSTDCCC050

Tot Ion: 43 Resp: 297883

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 47.114 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064862.D

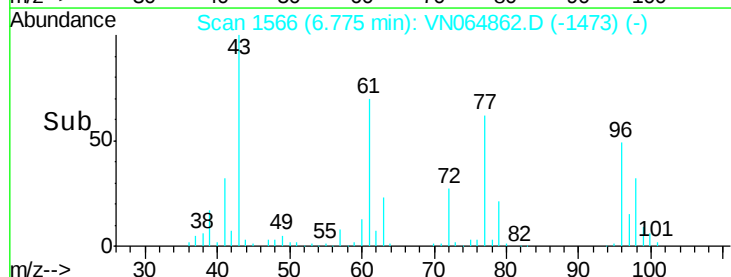
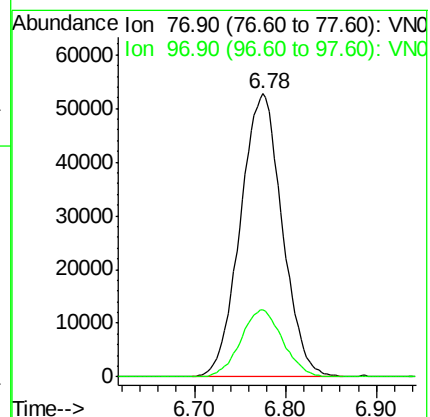
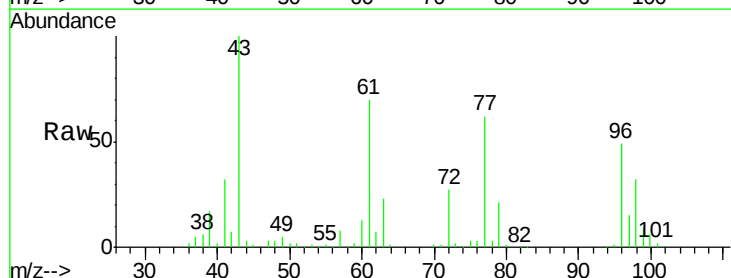
Acq: 30 Nov 2020 10:31

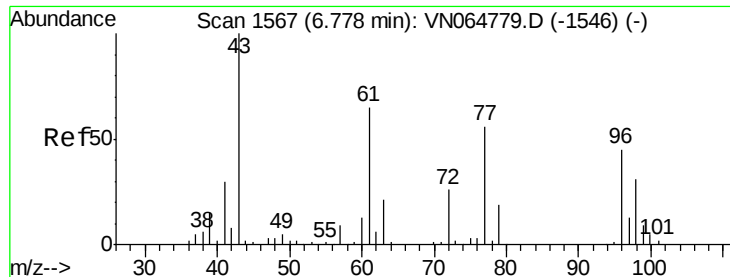
Tgt Ion: 77 Resp: 168350

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.485 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

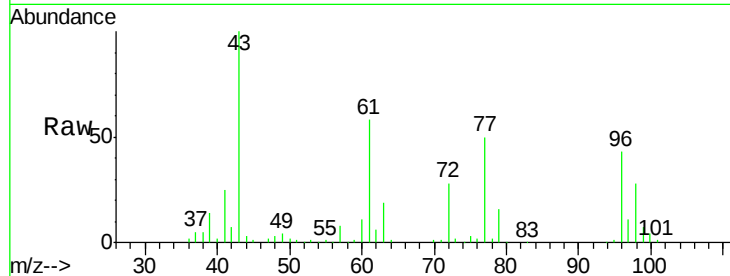
Tot Ion: 96 Resp: 123908

Ion Ratio Lower Upper

96 100

61 139.8 0.0 285.8

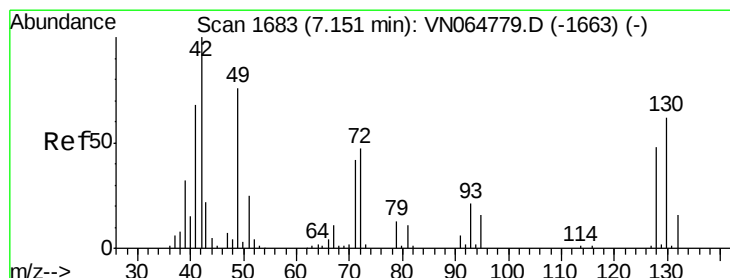
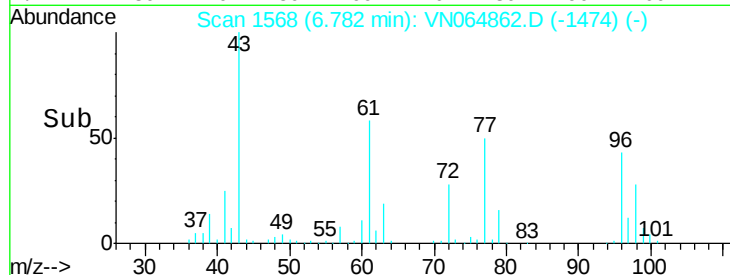
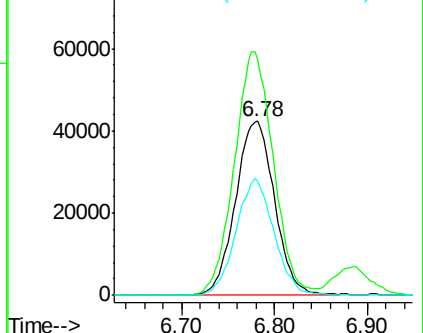
98 64.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064862.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064862.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064862.D (-1474) (-)



#28

Bromochloromethane

Concen: 44.073 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

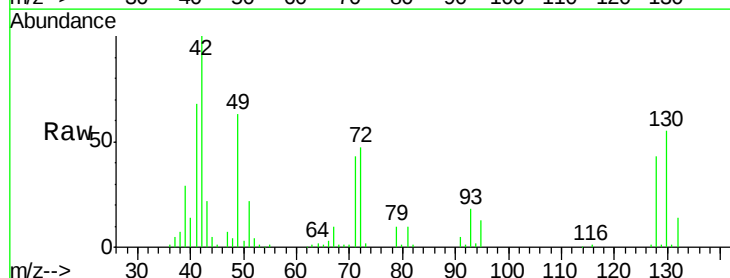
Tgt Ion: 49 Resp: 83067

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

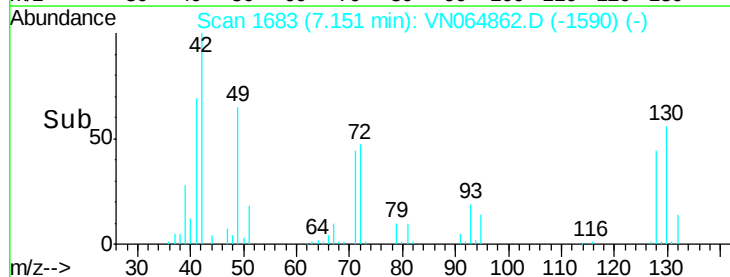
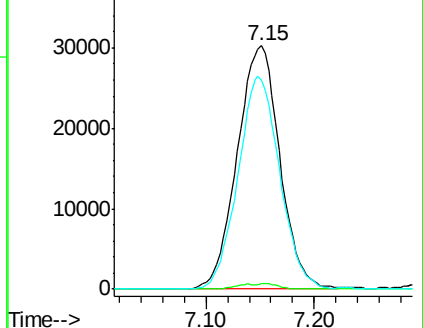
130 85.6 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN064862.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064862.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064862.D (-1590) (-)

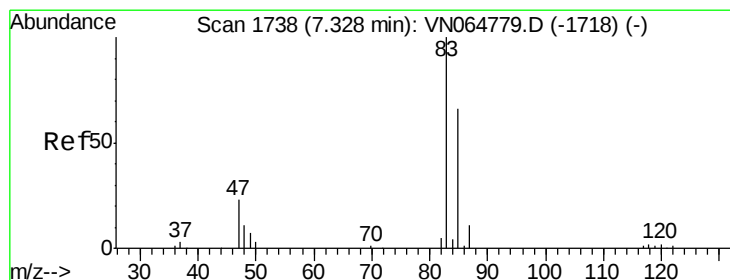
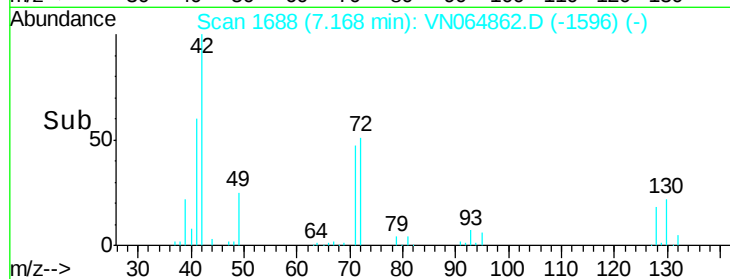
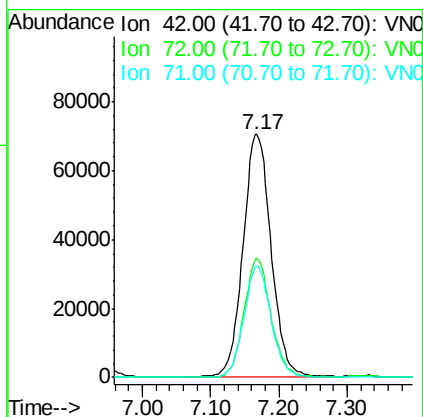
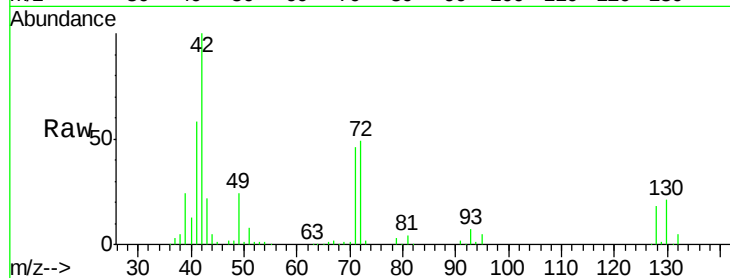




#29
Tetrahydrofuran
Concen: 220.276 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

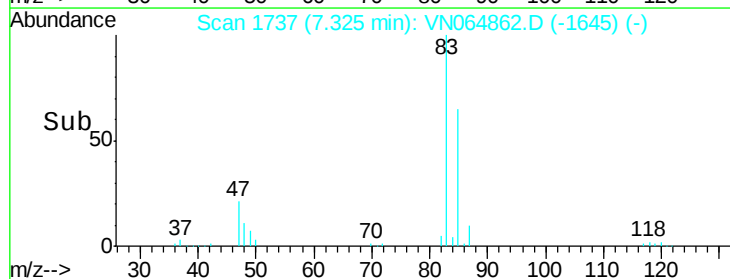
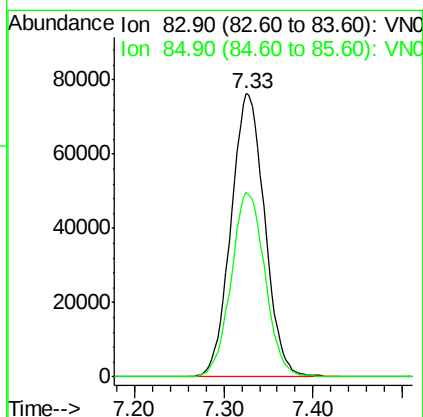
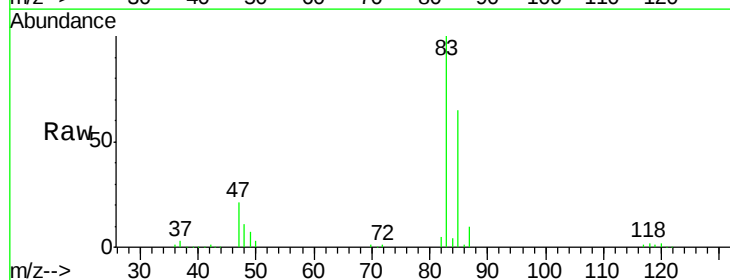
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

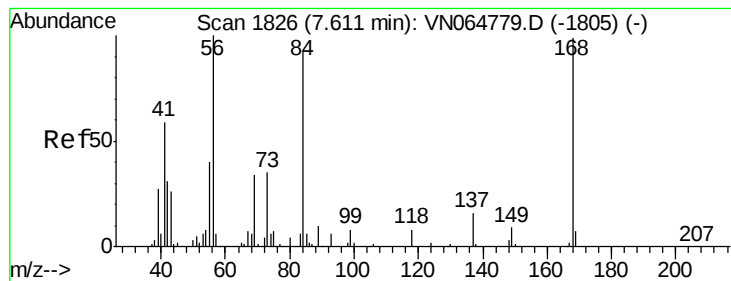
Tot Ion: 42 Resp: 202855
Ion Ratio Lower Upper
42 100
72 46.6 36.6 54.8
71 44.0 33.6 50.4



#30
Chloroform
Concen: 47.108 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 83 Resp: 200144
Ion Ratio Lower Upper
83 100
85 65.2 52.6 78.8





#31

Cyclohexane

Concen: 45.691 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

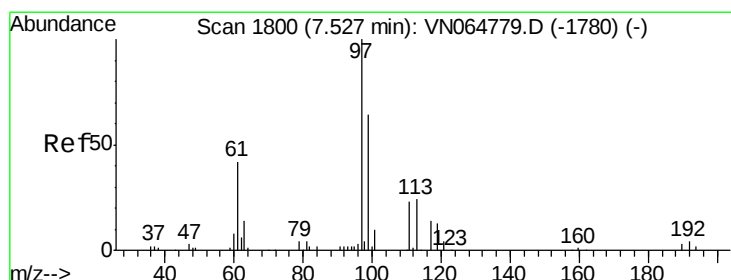
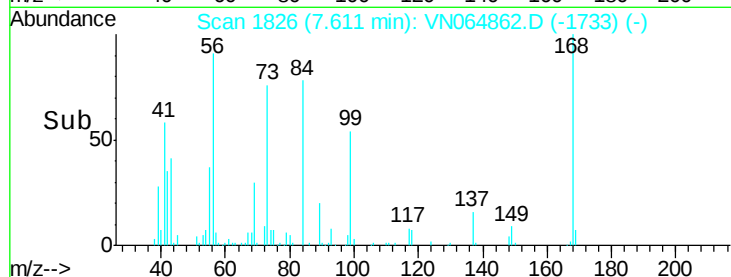
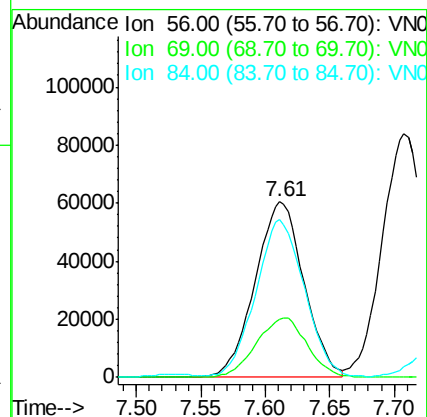
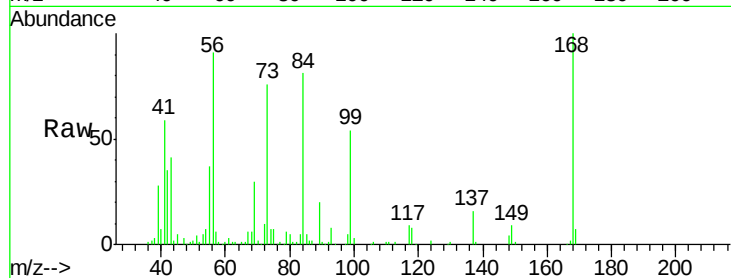
Tot Ion: 56 Resp: 159429

Ion Ratio Lower Upper

56 100

69 32.8 27.5 41.3

84 88.6 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 46.669 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

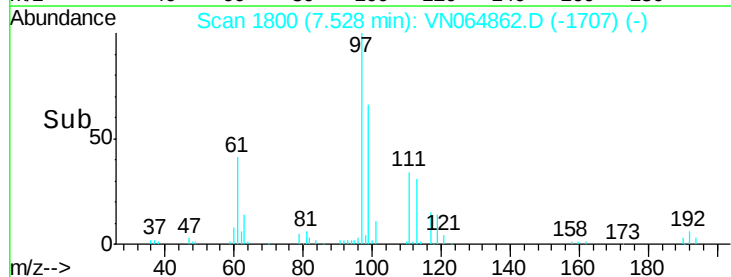
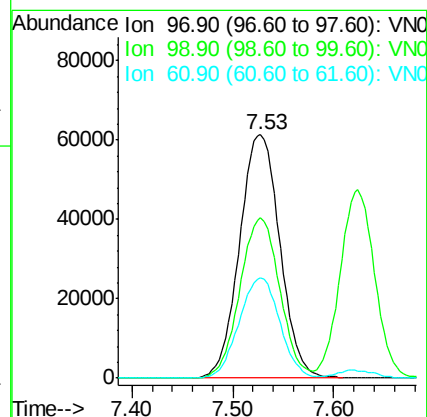
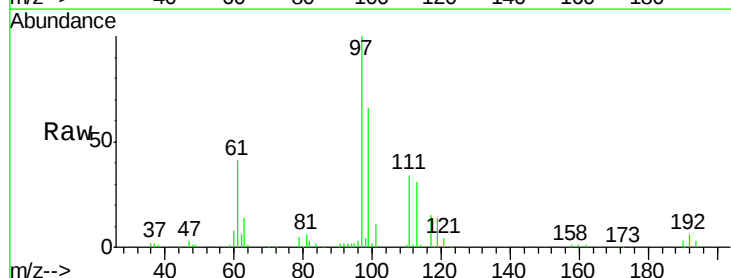
Tgt Ion: 97 Resp: 170297

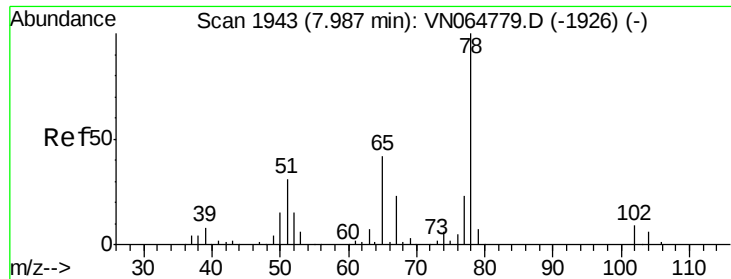
Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

61 41.6 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 46.190 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

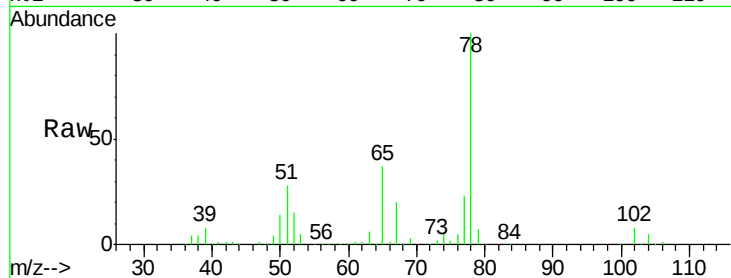
VSTDCCC050

Tot Ion: 65 Resp: 115637

Ion Ratio Lower Upper

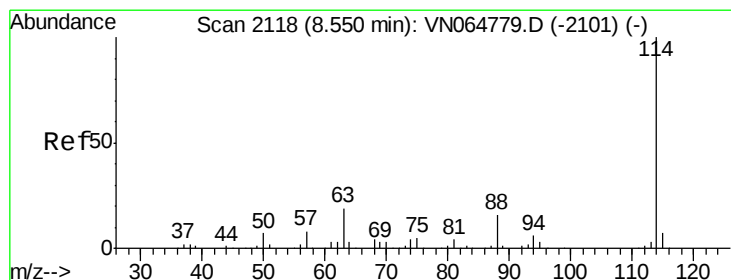
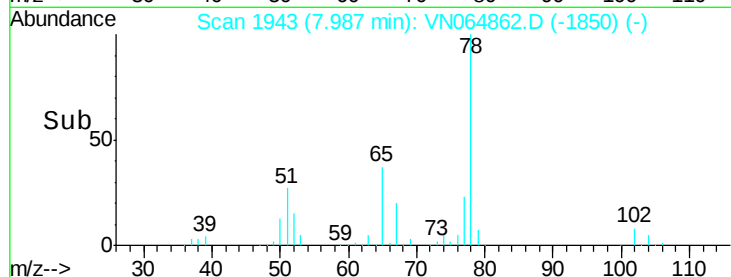
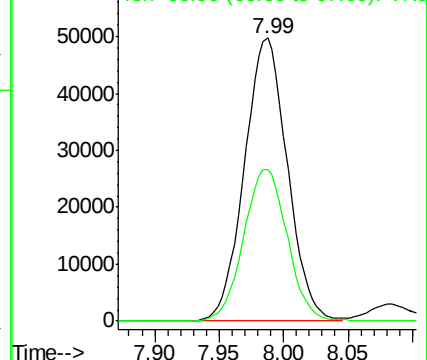
65 100

67 54.3 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

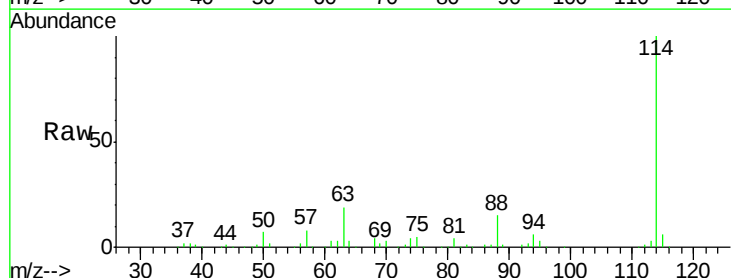
Tgt Ion: 114 Resp: 319762

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

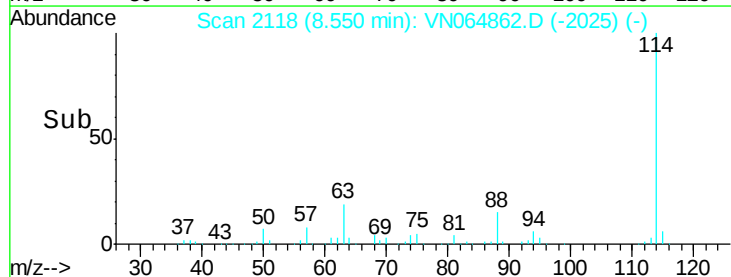
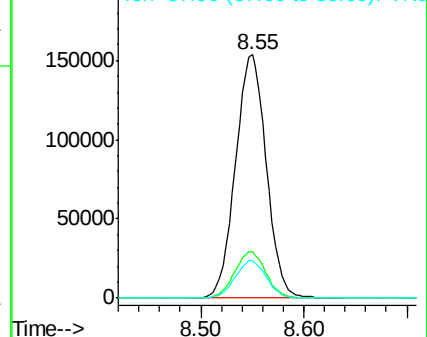
88 15.4 0.0 32.6

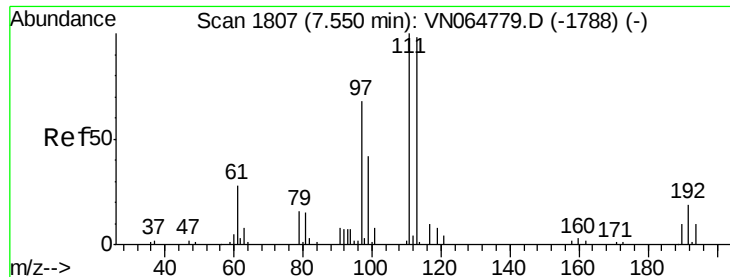


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

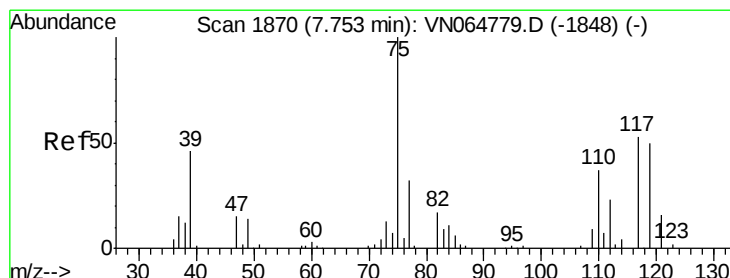
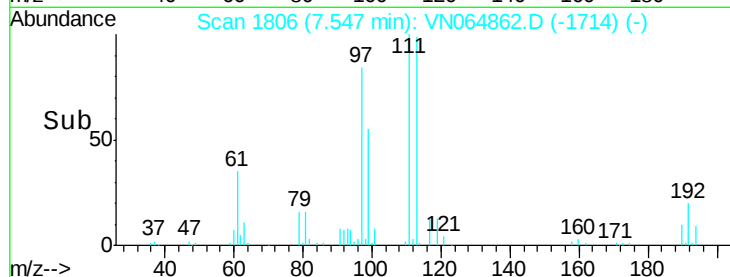
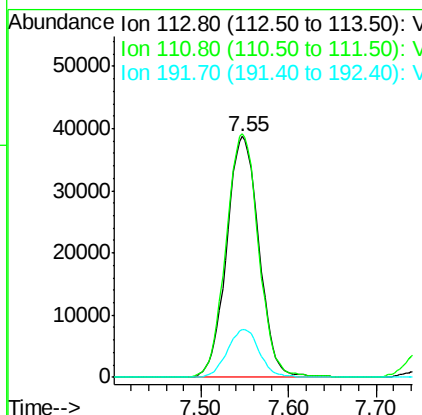
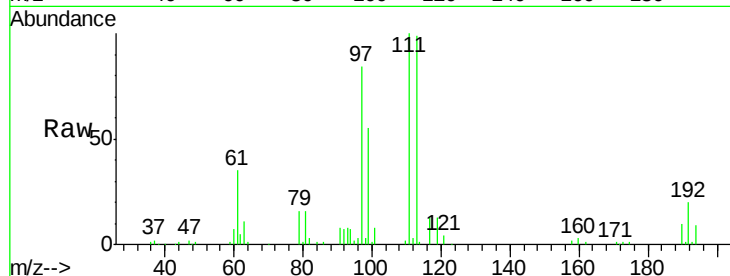




#35
 Dibromofluoromethane
 Concen: 51.986 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

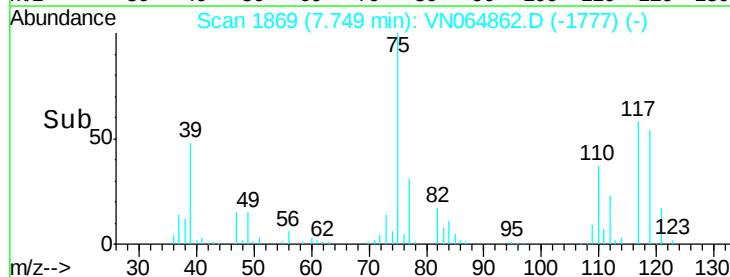
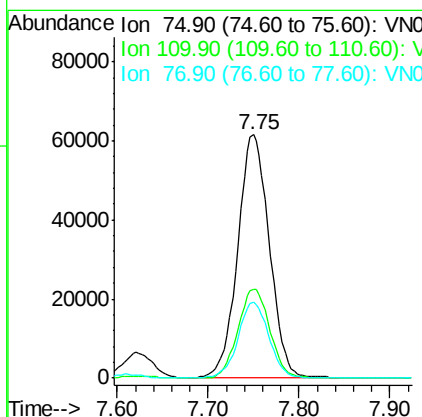
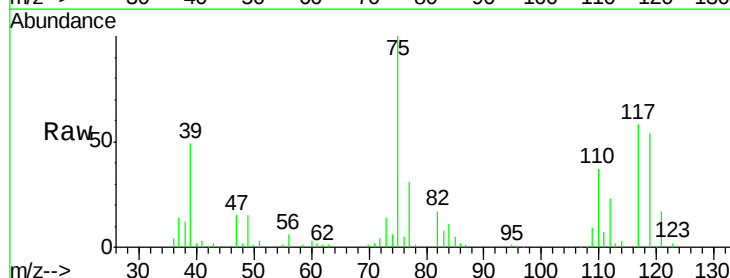
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

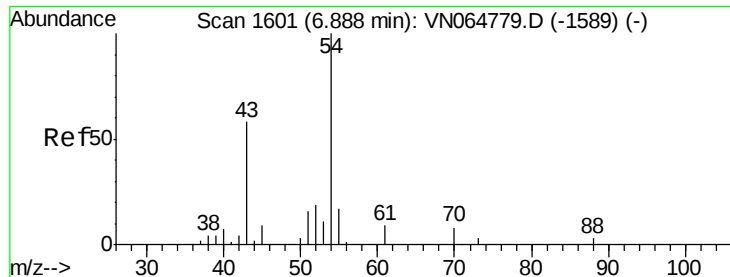
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	19.6	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 50.211 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.8	53.3
77	30.4	25.0	37.4

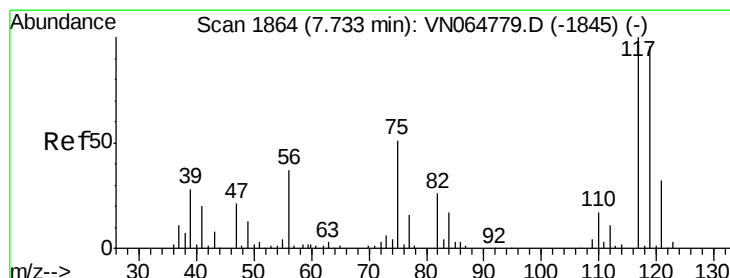
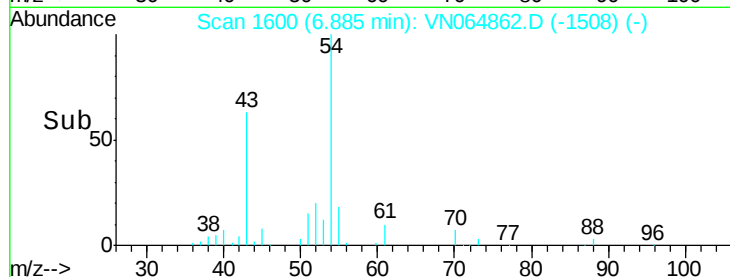
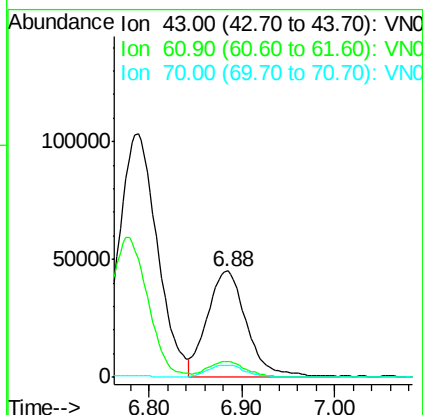
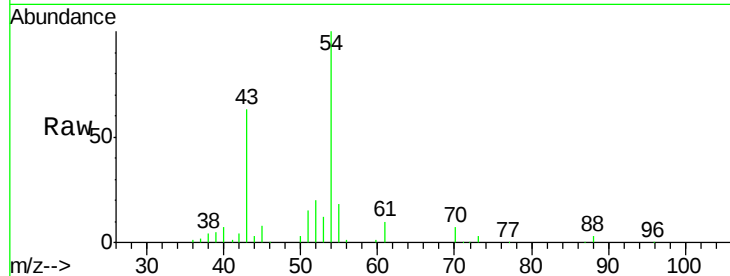




#37
Ethyl Acetate
Concen: 45.942 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

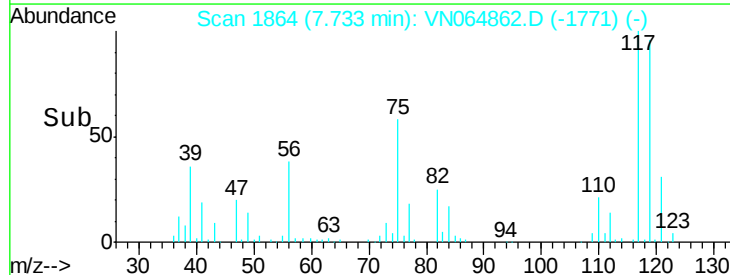
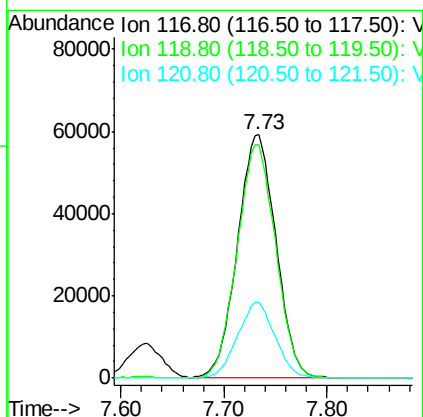
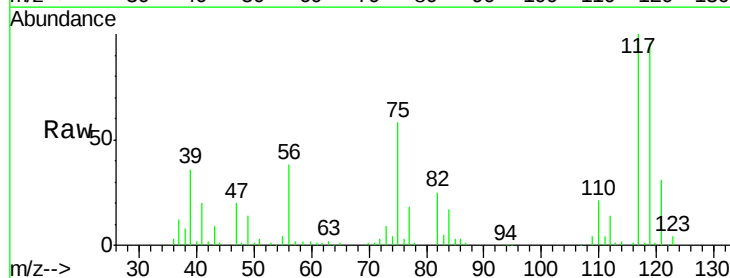
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

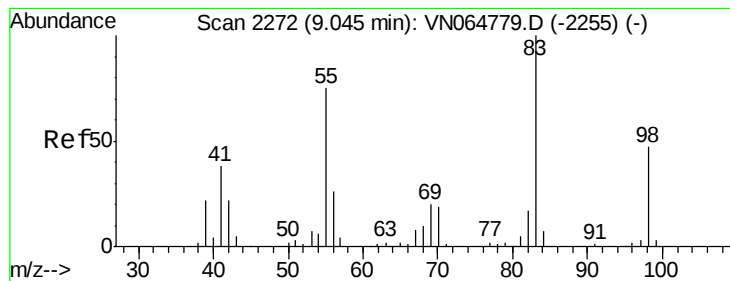
Tot Ion: 43 Resp: 131164
Ion Ratio Lower Upper
43 100
61 14.5 12.8 19.2
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.877 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 117 Resp: 153816
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1
121 31.2 25.4 38.2





#39

Methvlcvclohexane

Concen: 52.641 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

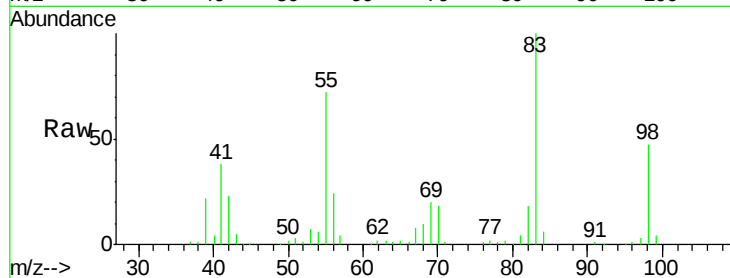
Tot Ion: 83 Resp: 167958

Ion Ratio Lower Upper

83 100

55 72.3 60.2 90.2

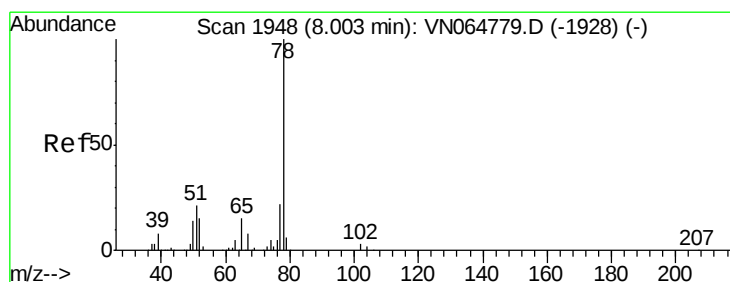
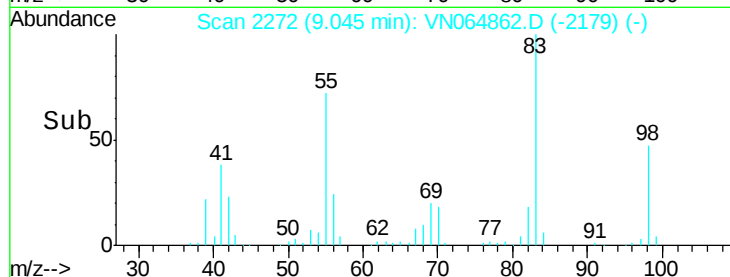
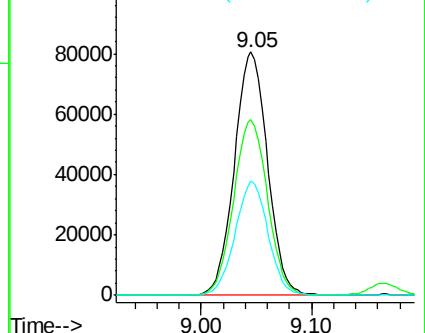
98 47.0 37.4 56.2



Abundance Ion 83.00 (82.70 to 83.70): VN064862.D (-2179) (-)

Ion 55.00 (54.70 to 55.70): VN064862.D (-2179) (-)

Ion 98.00 (97.70 to 98.70): VN064862.D (-2179) (-)



#40

Benzene

Concen: 49.822 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064862.D

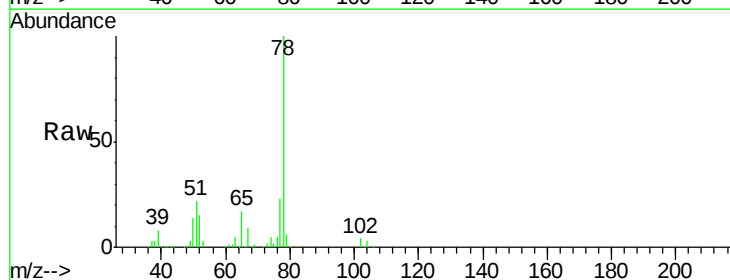
Acq: 30 Nov 2020 10:31

Tgt Ion: 78 Resp: 452498

Ion Ratio Lower Upper

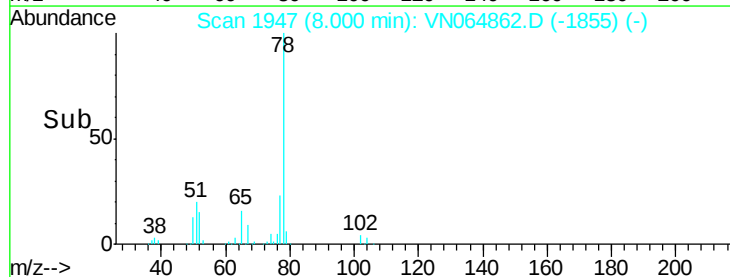
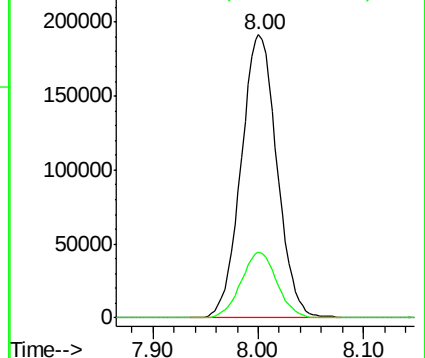
78 100

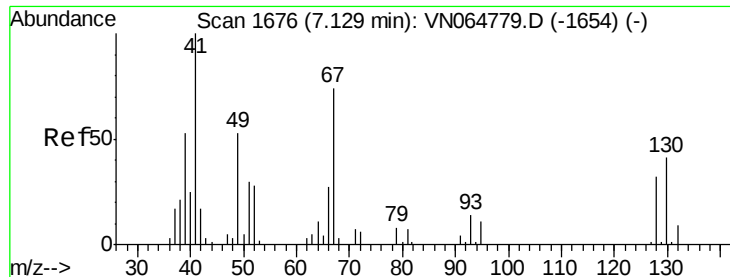
77 23.4 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN064862.D (-1855) (-)

Ion 77.00 (76.70 to 77.70): VN064862.D (-1855) (-)

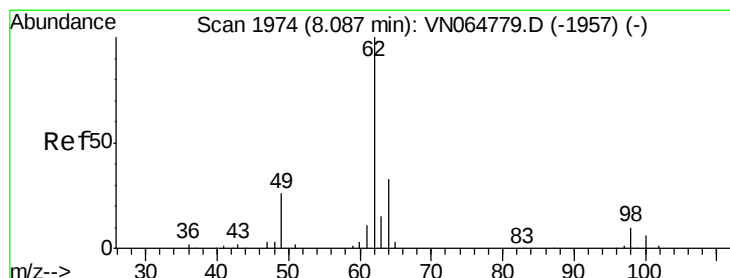
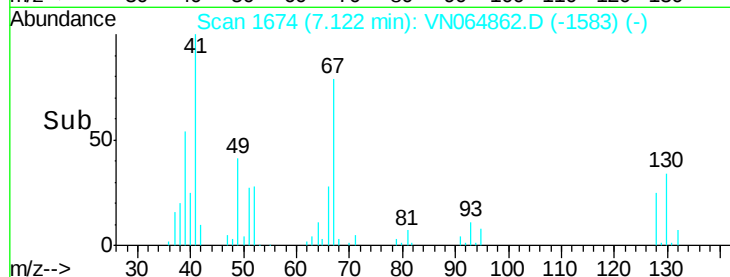
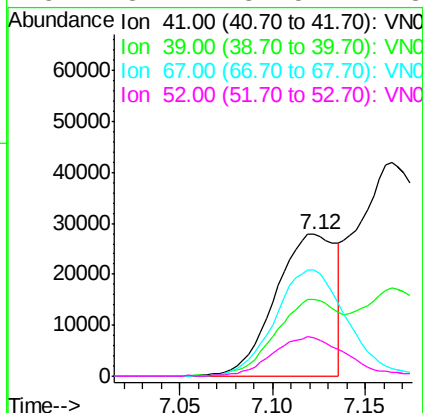
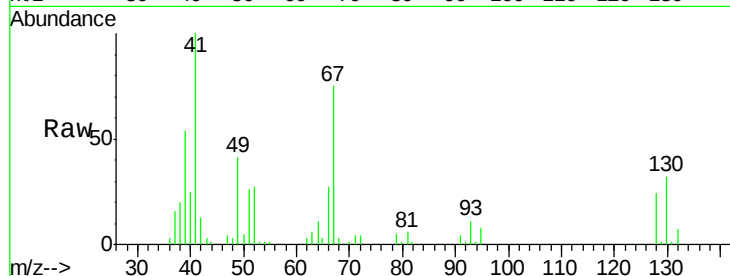




#41
Methacrylonitrile
Concen: 48.067 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

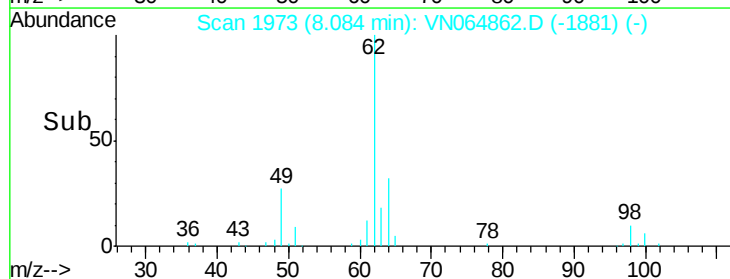
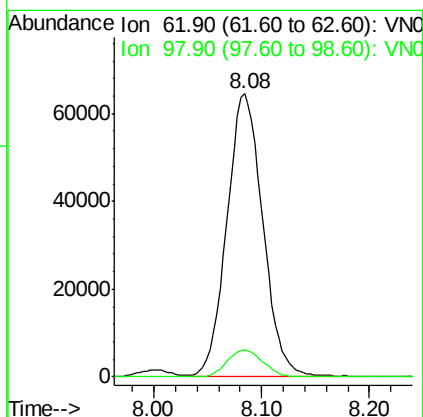
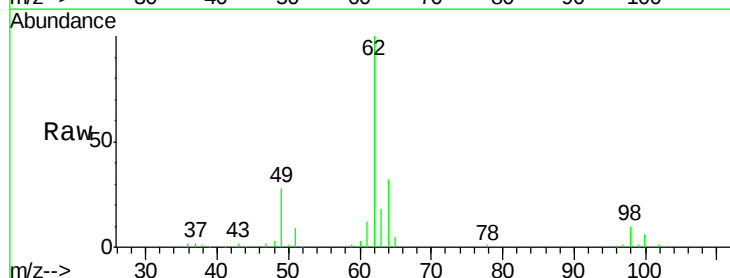
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

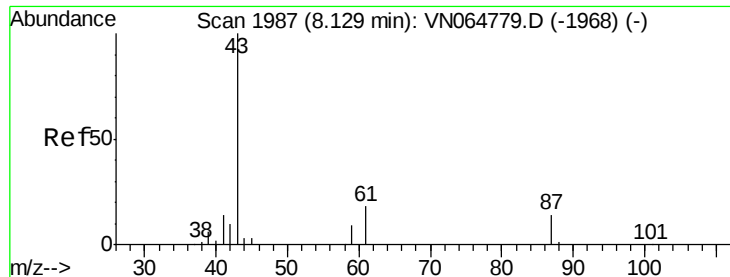
Tot Ion: 41 Resp: 63322
Ion Ratio Lower Upper
41 100
39 56.7 51.0 76.6
67 89.3 79.8 119.8
52 34.7 31.5 47.3



#42
1,2-Dichloroethane
Concen: 48.681 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 62 Resp: 149153
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.6





#43

Isopropyl Acetate

Concen: 47.868 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

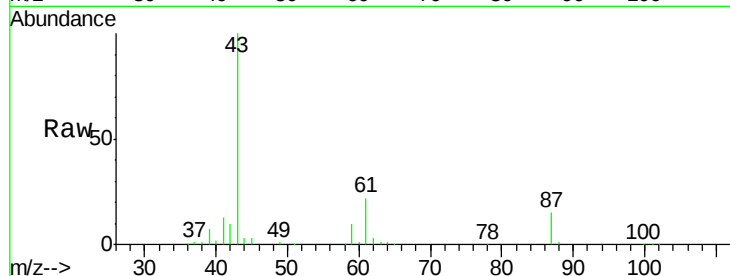
Tot Ion: 43 Resp: 219909

Ion Ratio Lower Upper

43 100

61 21.9 17.2 25.8

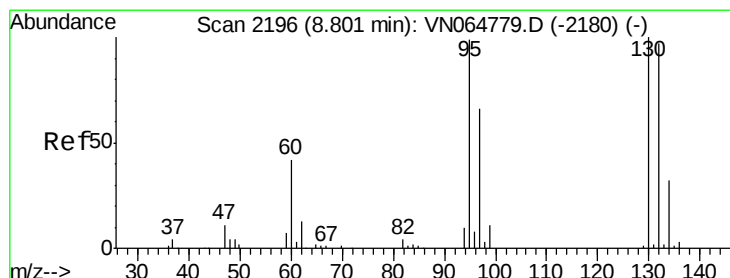
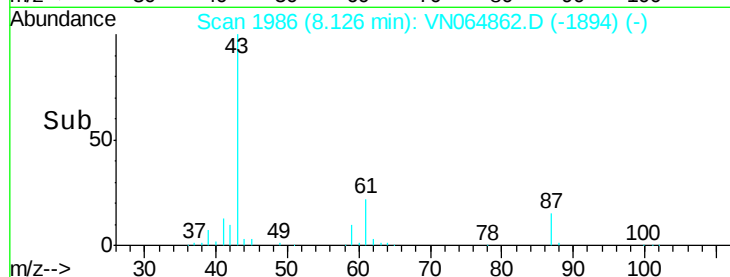
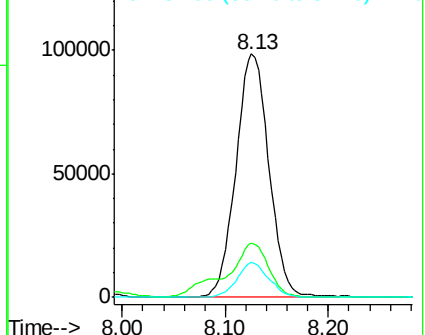
87 13.7 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 50.671 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064862.D

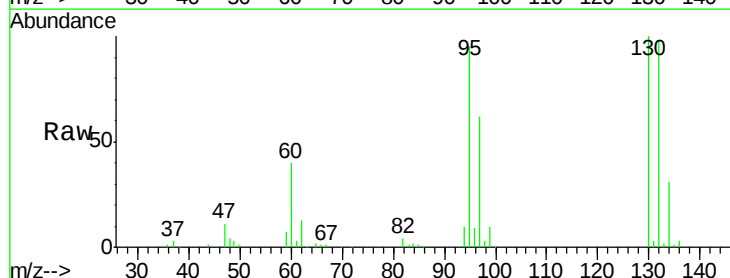
Acq: 30 Nov 2020 10:31

Tgt Ion: 130 Resp: 135786

Ion Ratio Lower Upper

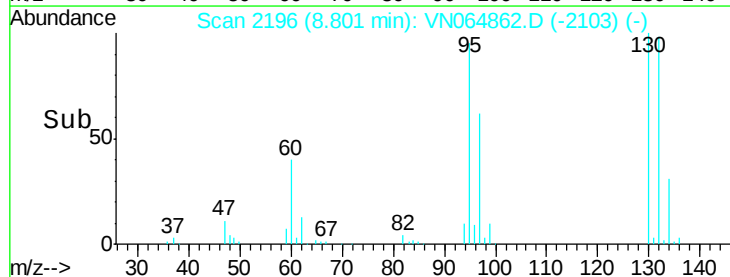
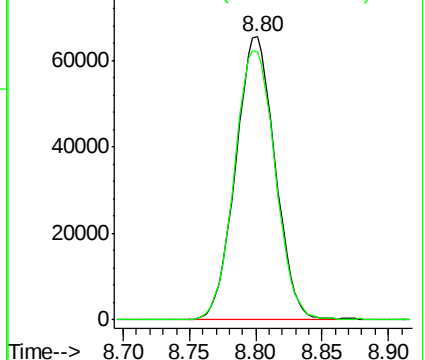
130 100

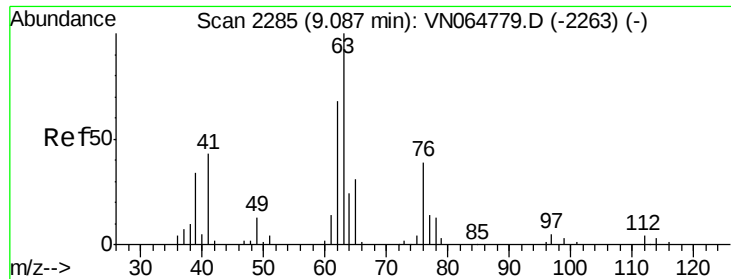
95 94.7 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 50.793 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

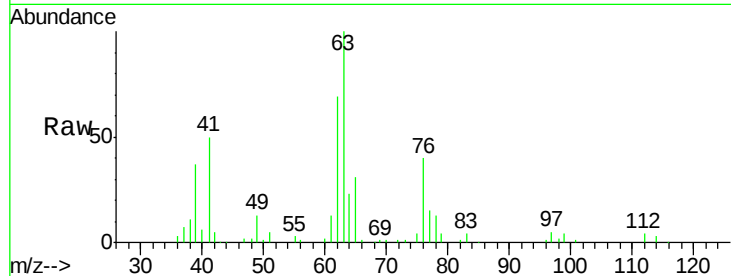
VSTDCCC050

Tot Ion: 63 Resp: 119466

Ion Ratio Lower Upper

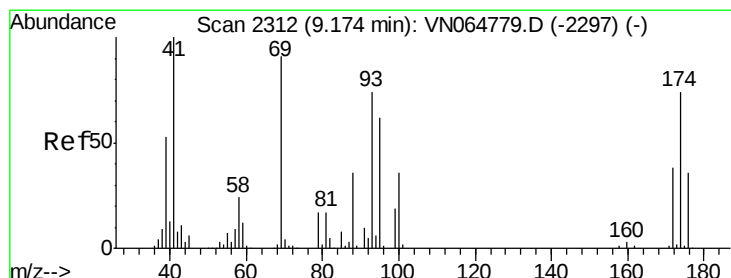
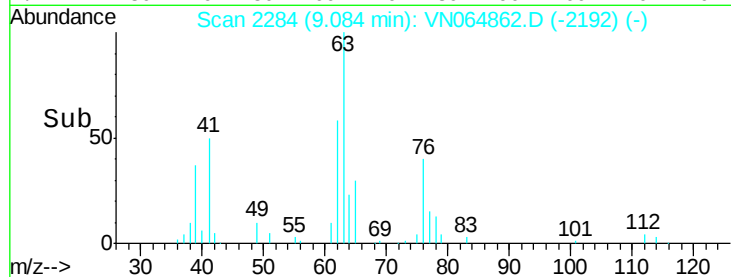
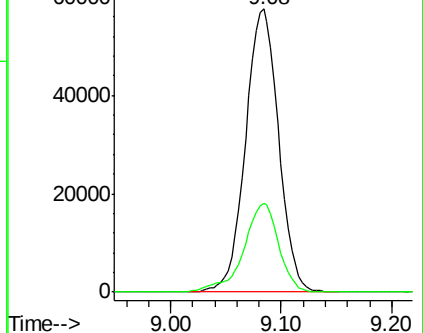
63 100

65 31.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN064862.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN064862.D (-2192) (-)



#46

Dibromomethane

Concen: 51.029 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

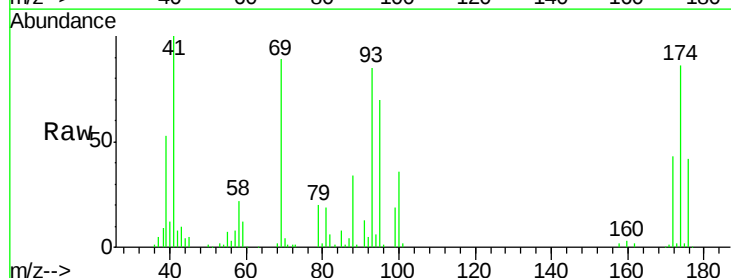
Tgt Ion: 93 Resp: 80183

Ion Ratio Lower Upper

93 100

95 82.3 68.8 103.2

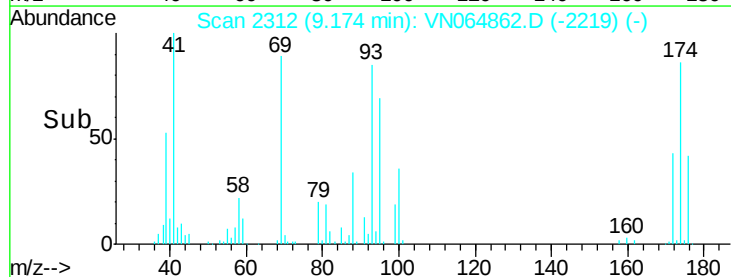
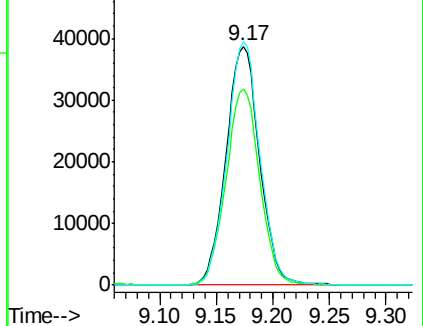
174 99.7 83.1 124.7

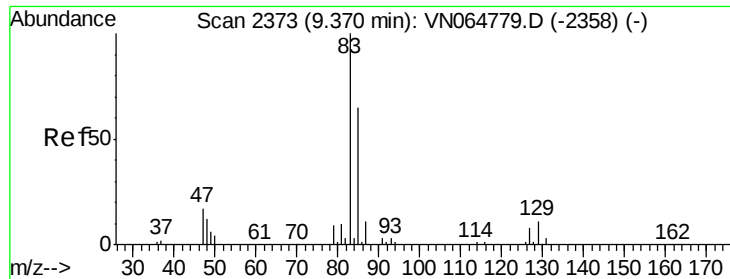


Abundance Ion 92.80 (92.50 to 93.50): VN064862.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN064862.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN064862.D (-2219) (-)





#47

Bromodichloromethane

Concen: 51.108 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

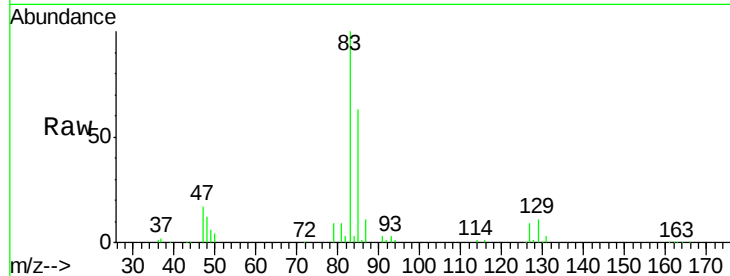
Tot Ion: 83 Resp: 161588

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.8

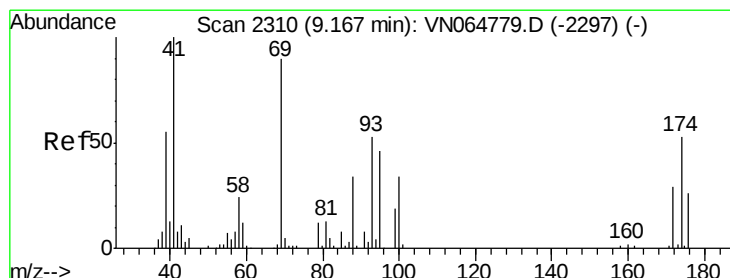
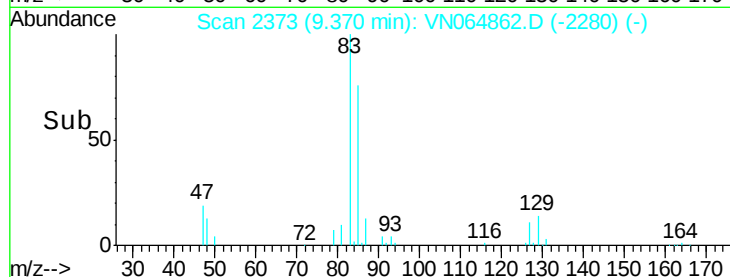
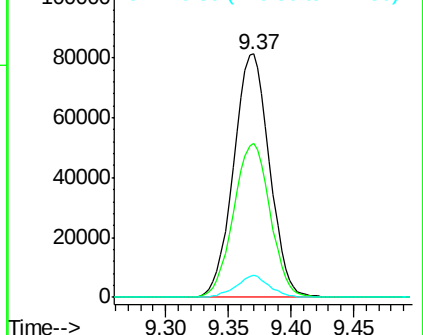
127 9.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 48.621 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

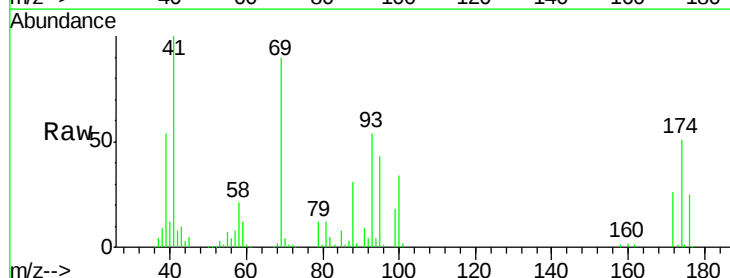
Tgt Ion: 41 Resp: 106732

Ion Ratio Lower Upper

41 100

69 91.8 71.8 107.8

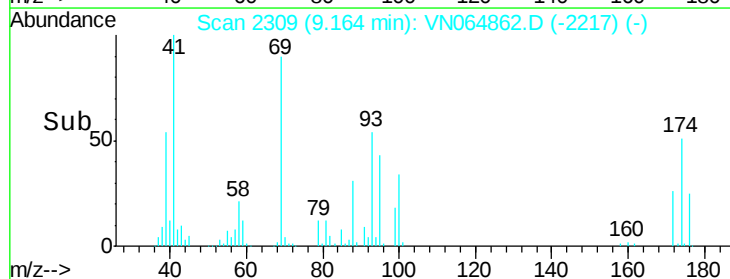
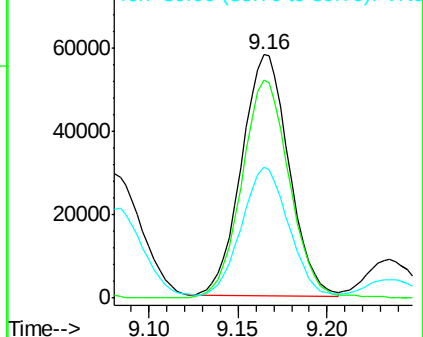
39 55.5 44.1 66.1

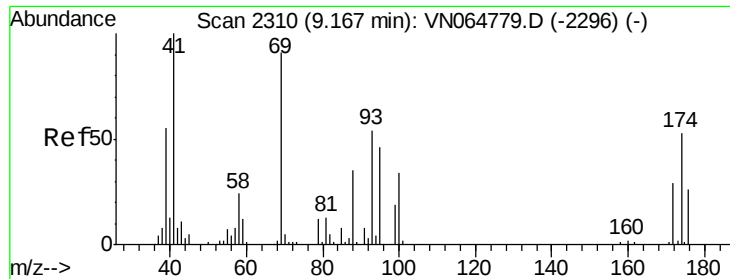


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

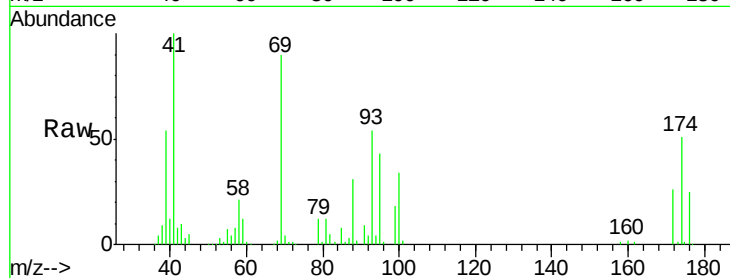




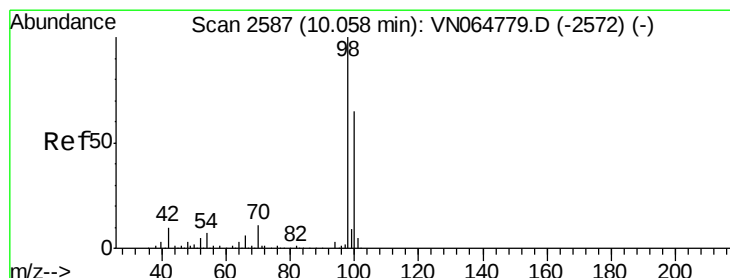
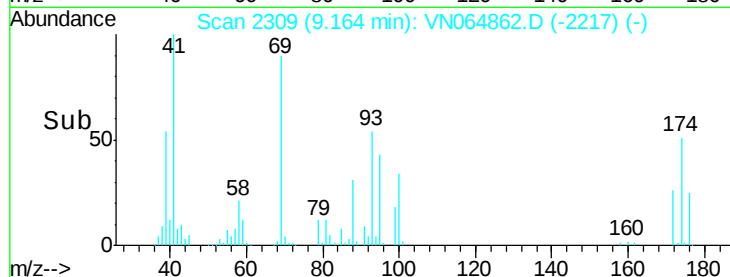
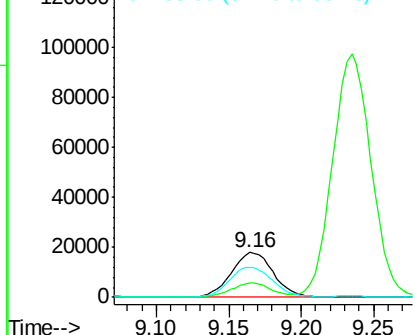
#49
 1,4-Dioxane
 Concen: 879.131 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 36475
 Ion Ratio Lower Upper
 88 100
 43 31.2 24.2 36.4
 58 69.0 52.5 78.7

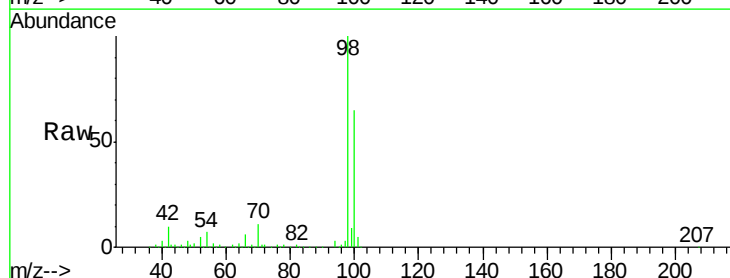


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

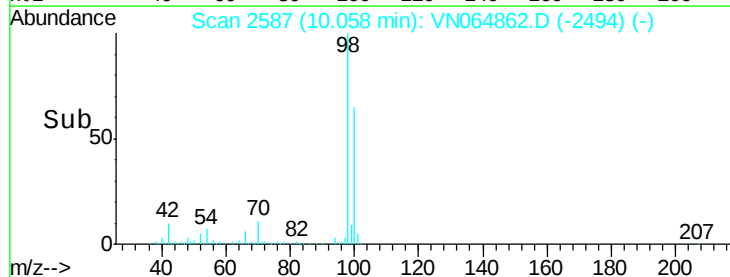
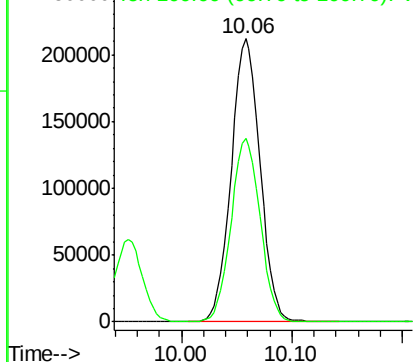


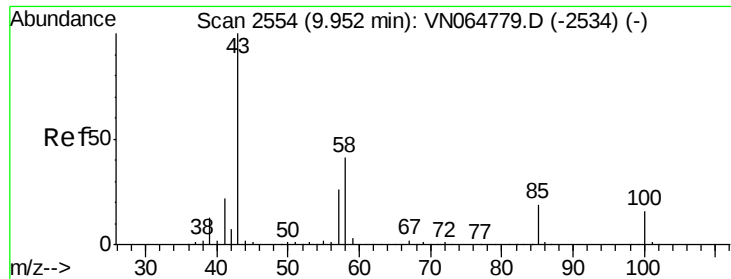
#50
 Toluene-d8
 Concen: 49.248 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

Tgt Ion: 98 Resp: 385015
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 242.062 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

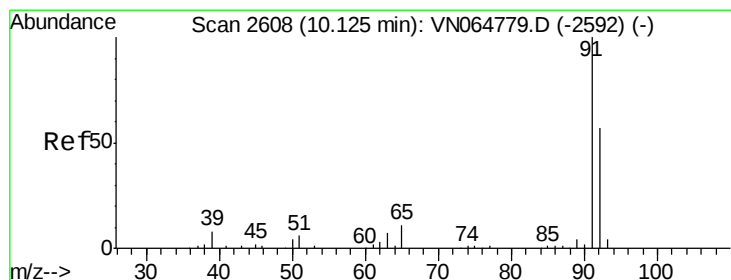
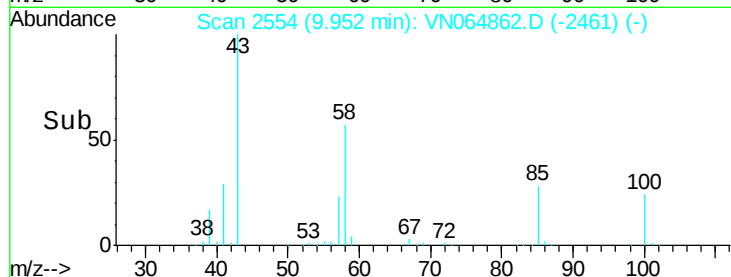
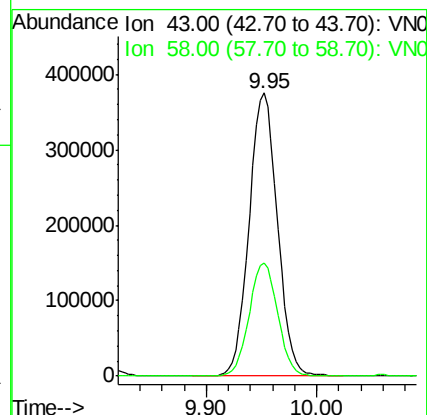
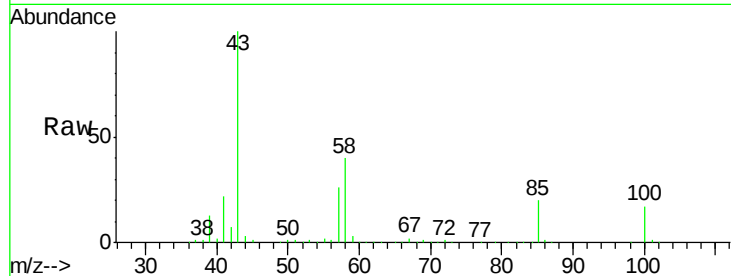
VSTDCCC050

Tot Ion: 43 Resp: 667613

Ion Ratio Lower Upper

43 100

58 40.2 32.4 48.6



#52

Toluene

Concen: 51.278 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064862.D

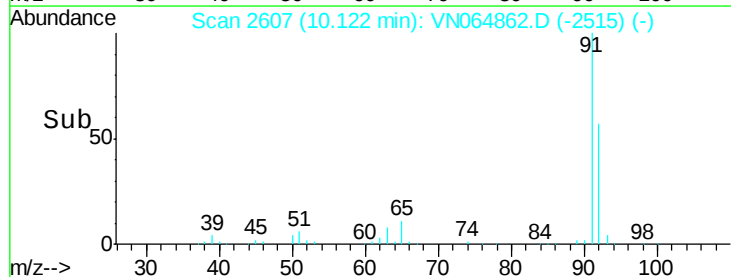
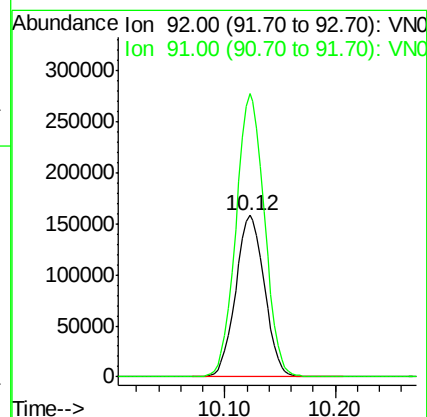
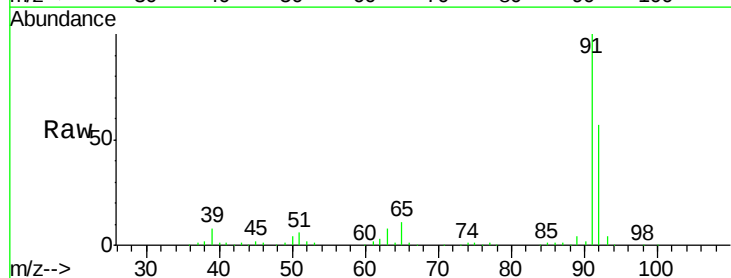
Acq: 30 Nov 2020 10:31

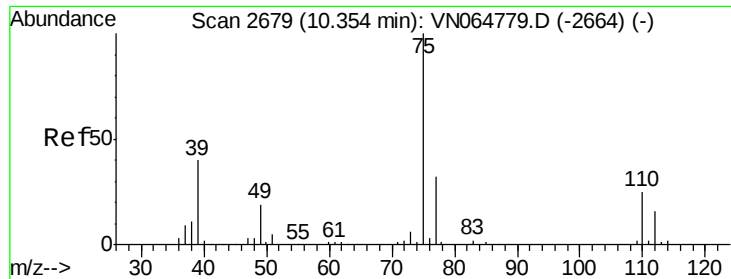
Tgt Ion: 92 Resp: 286811

Ion Ratio Lower Upper

92 100

91 173.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 50.766 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

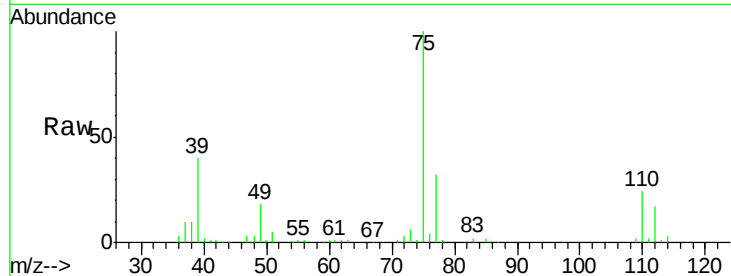
VSTDCCC050

Tot Ion: 75 Resp: 178770

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

120000

100000

80000

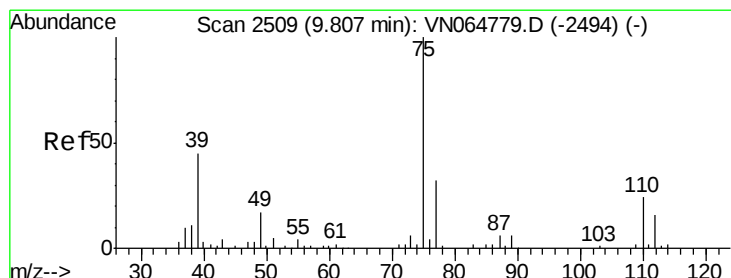
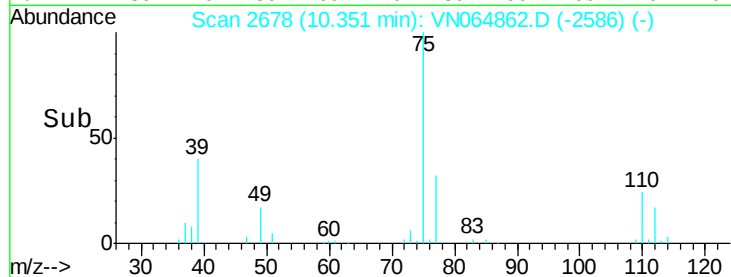
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.585 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

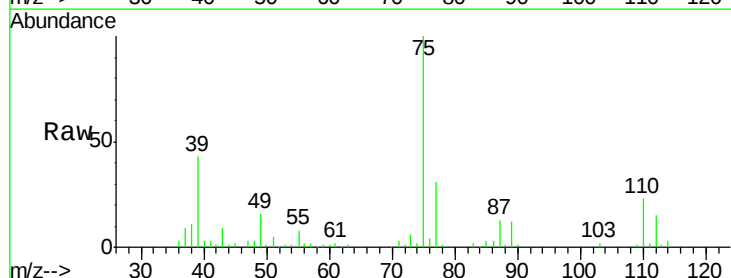
Tgt Ion: 75 Resp: 194712

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 42.6 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

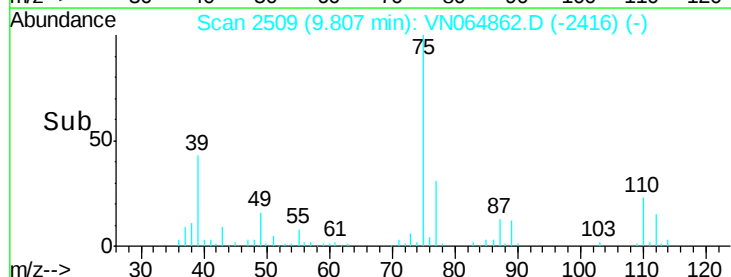
9.81

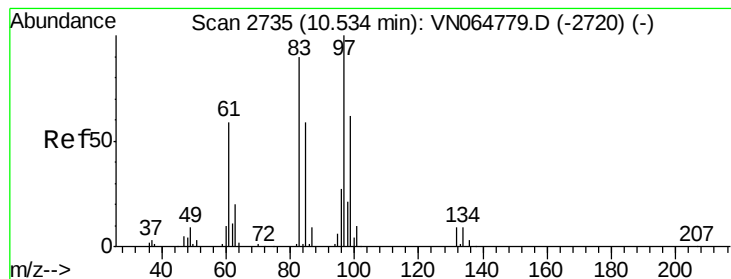
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.884 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 114733

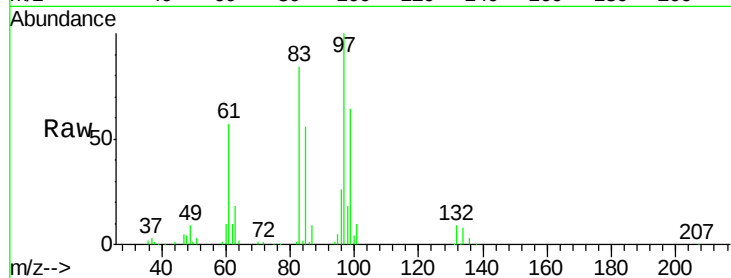
Ion Ratio Lower Upper

97 100

83 84.4 72.1 108.1

85 55.8 46.8 70.2

99 64.4 49.6 74.4

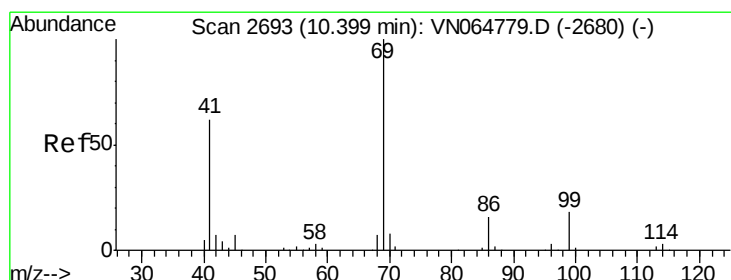
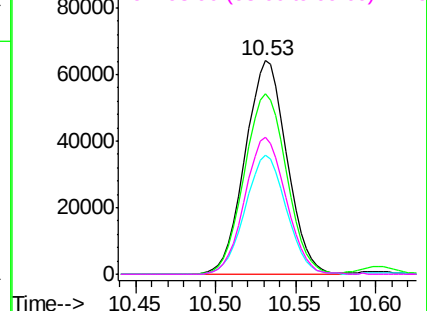
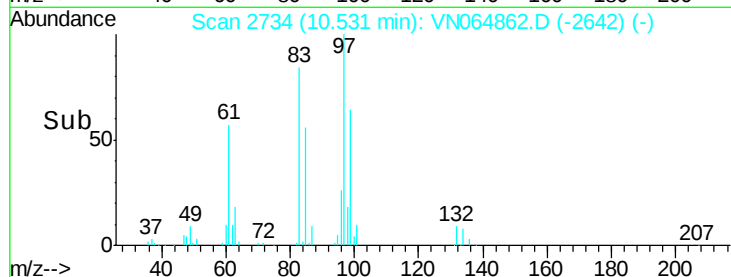


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.829 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

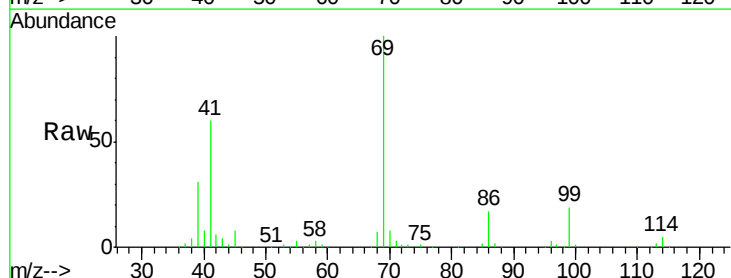
Tgt Ion: 69 Resp: 164503

Ion Ratio Lower Upper

69 100

41 60.5 49.4 74.0

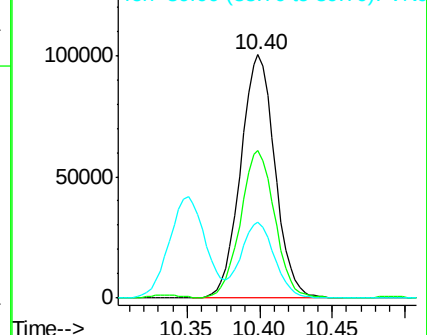
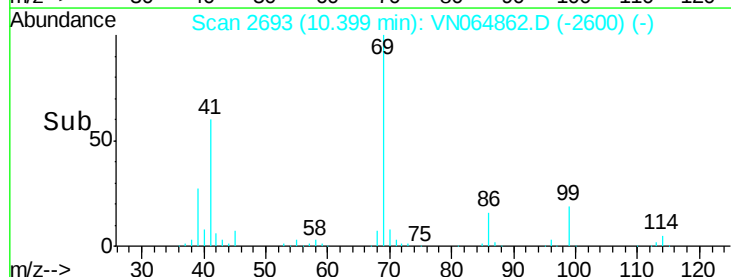
39 30.1 25.9 38.9

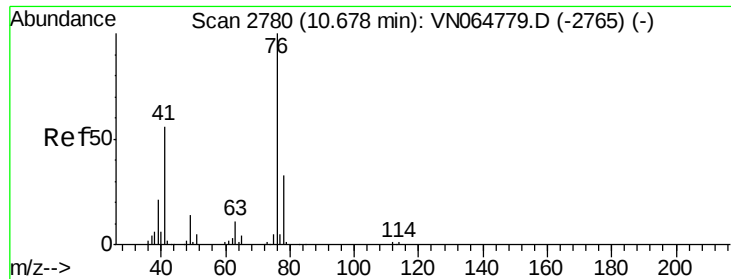


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.936 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

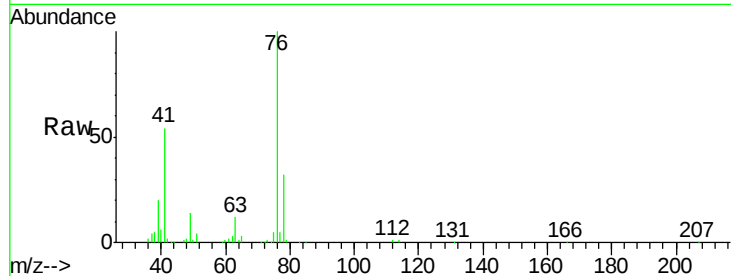
VSTDCCC050

Tot Ion: 76 Resp: 189459

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-2765) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-2765) (-)

10.68

120000

100000

80000

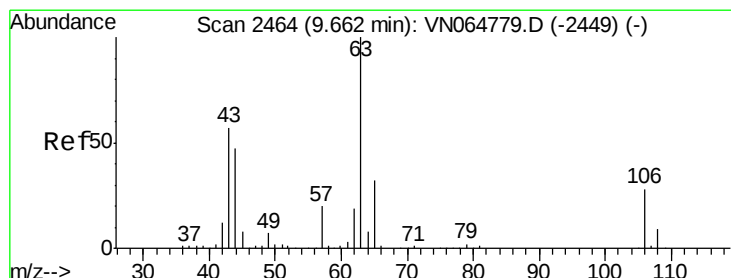
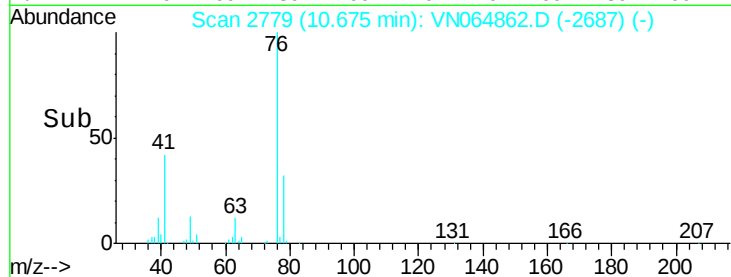
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 256.075 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064862.D

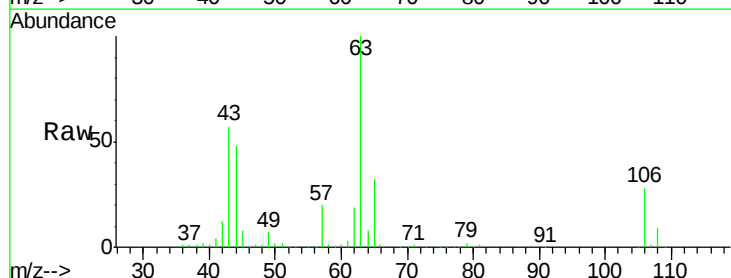
Acq: 30 Nov 2020 10:31

Tgt Ion: 63 Resp: 447077

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-2449) (-)

Ion 105.90 (105.60 to 106.60): VN064779.D (-2449) (-)

9.66

300000

250000

200000

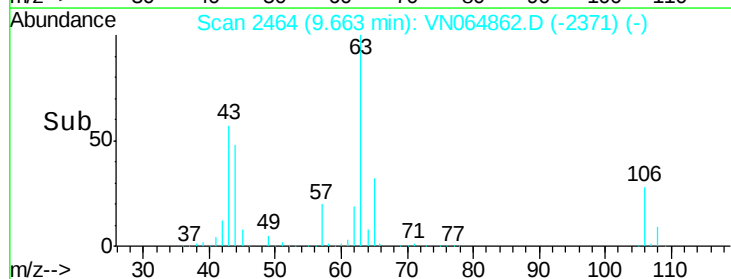
150000

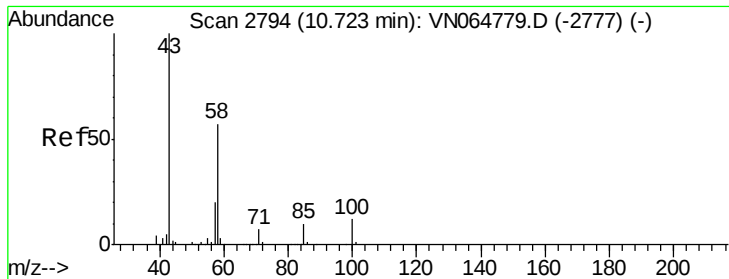
100000

50000

0

Time-->

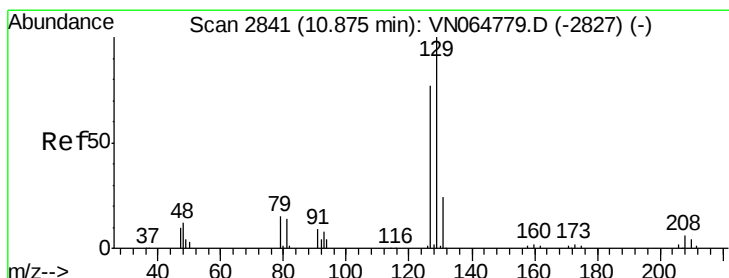
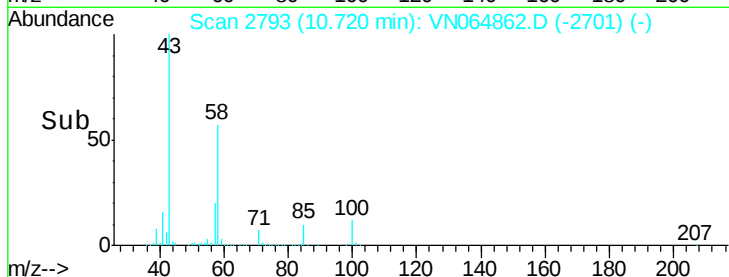
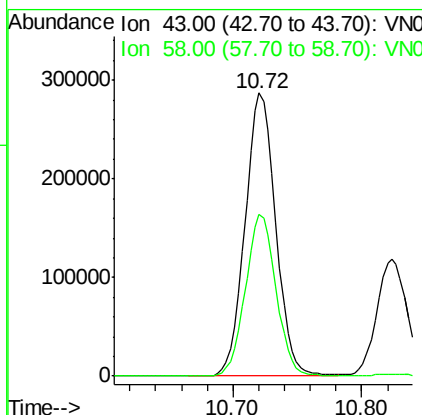
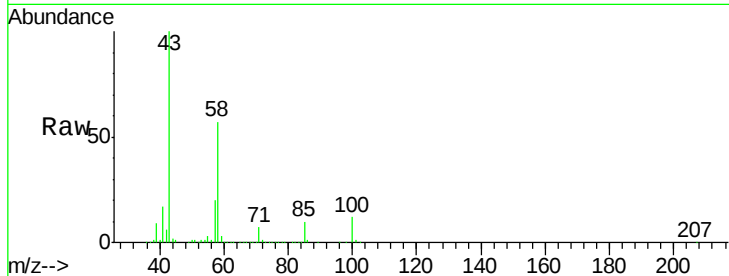




#59
2-Hexanone
Concen: 239.342 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

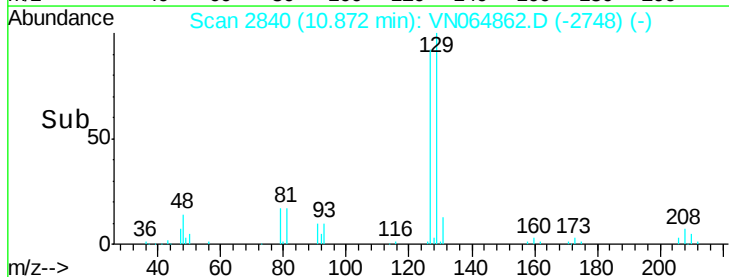
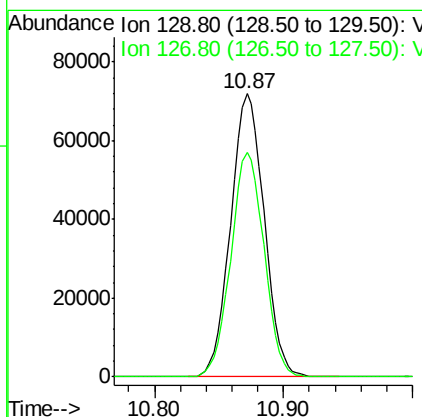
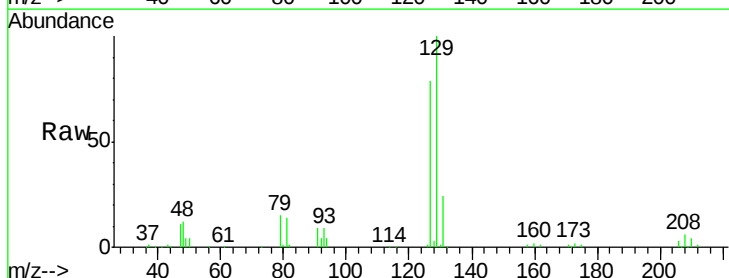
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

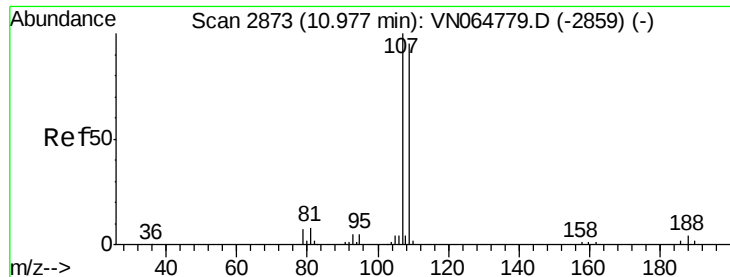
Tot Ion: 43 Resp: 475072
Ion Ratio Lower Upper
43 100
58 57.0 28.3 84.9



#60
Dibromochloromethane
Concen: 50.888 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 129 Resp: 130104
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

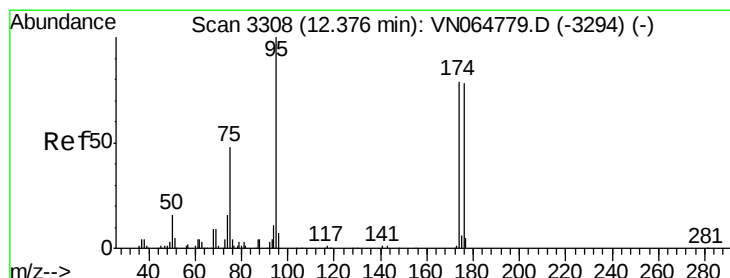
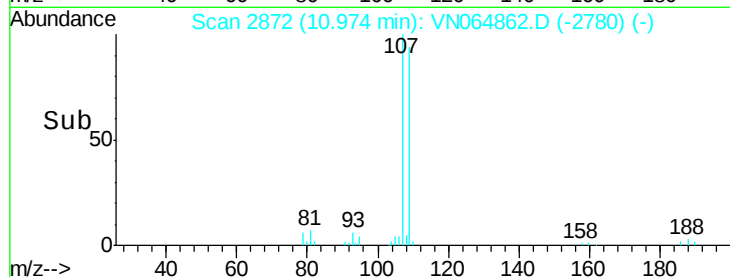
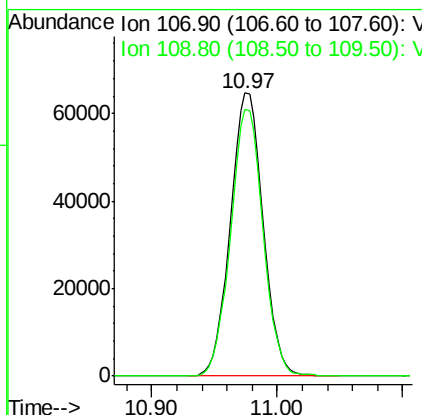
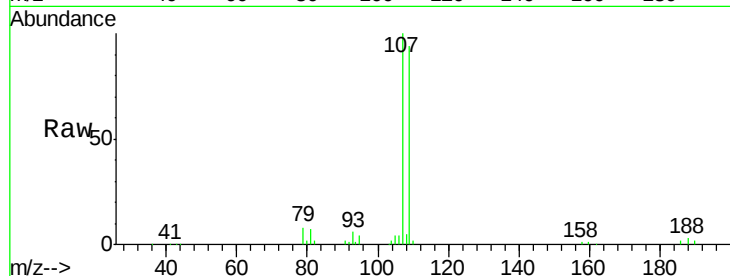




#61
 1,2-Dibromoethane
 Concen: 50.032 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

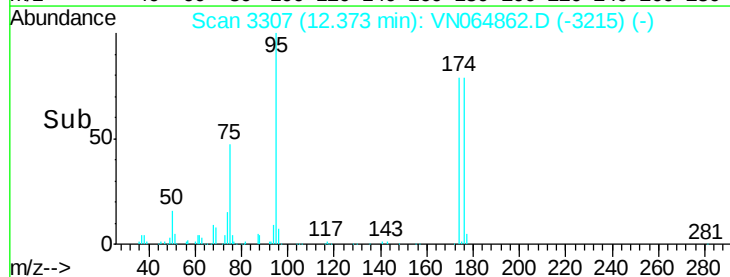
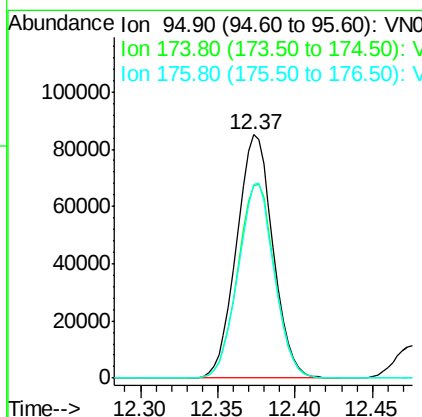
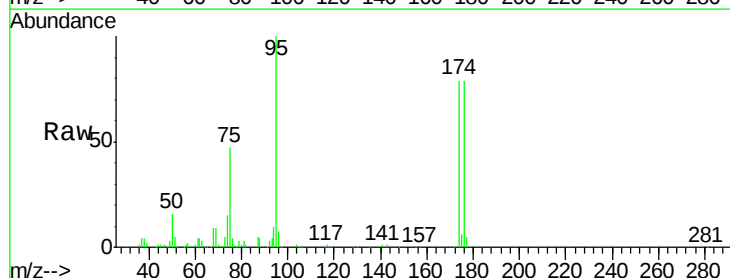
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

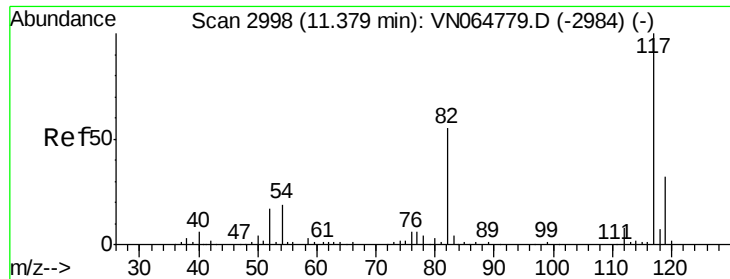
Tot Ion: 107 Resp: 116913
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 49.782 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

Tgt Ion: 95 Resp: 139282
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 160.4
 176 79.6 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

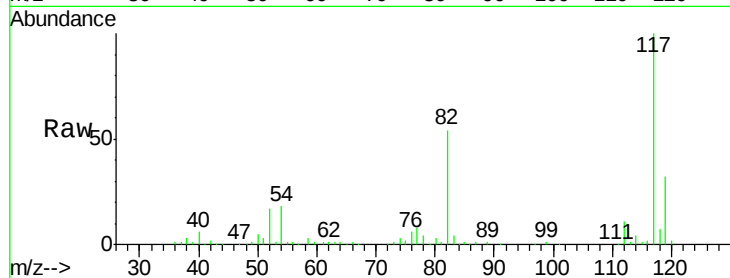
Tot Ion:117 Resp: 295505

Ion Ratio Lower Upper

117 100

82 54.2 44.2 66.2

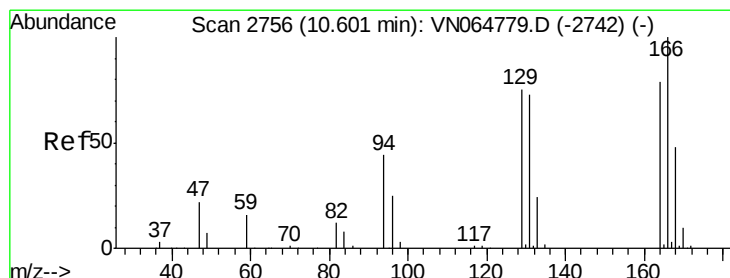
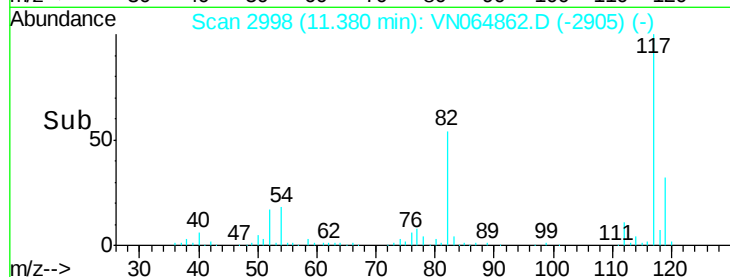
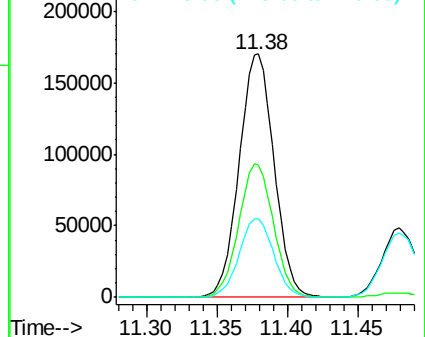
119 32.0 25.8 38.6



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: 56.009 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Tgt Ion:164 Resp: 161025

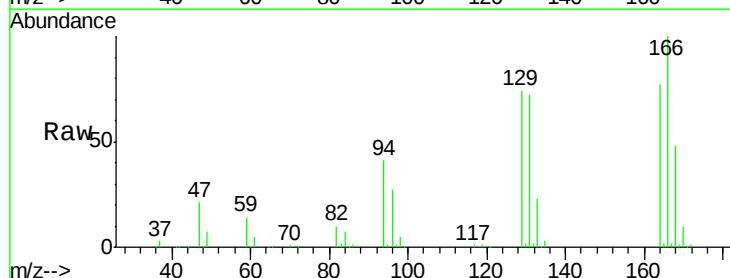
Ion Ratio Lower Upper

164 100

166 129.9 101.4 152.0

129 95.9 76.1 114.1

131 93.5 74.2 111.2

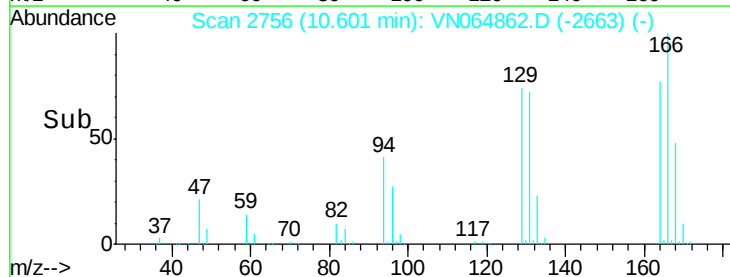
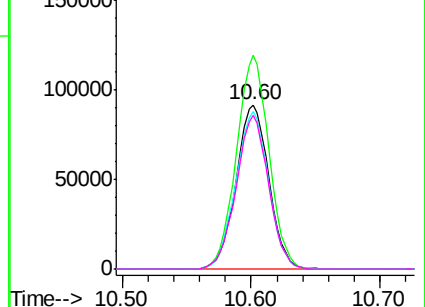


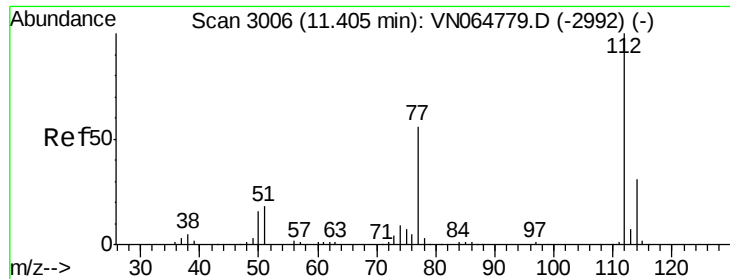
Abundance Ion 163.80 (163.50 to 164.50): V

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

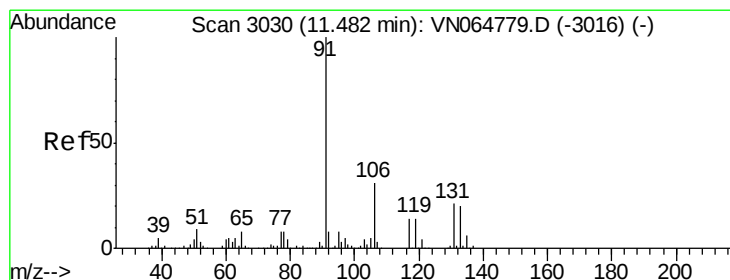
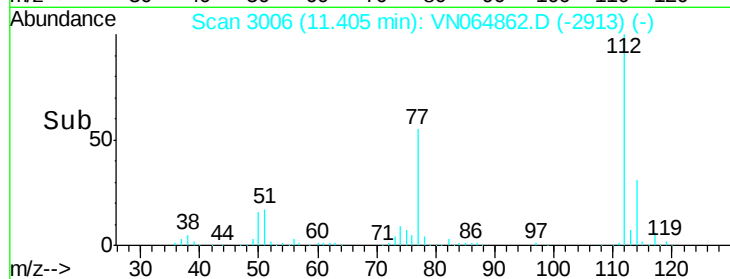
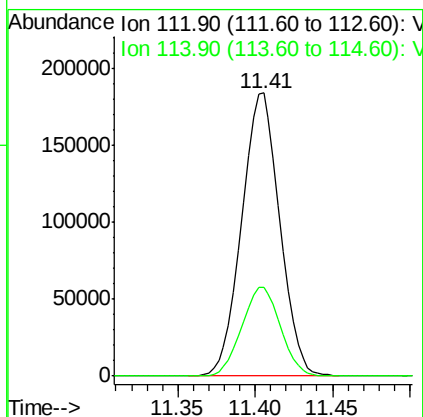
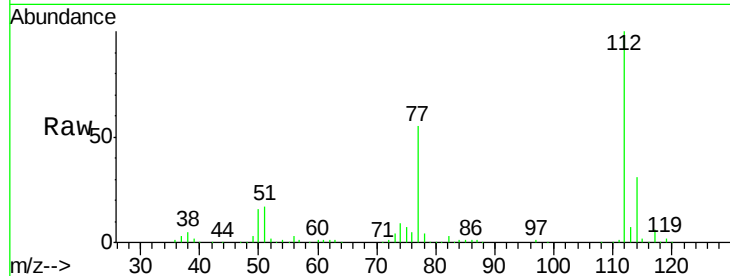




#65
Chlorobenzene
Concen: 49.685 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

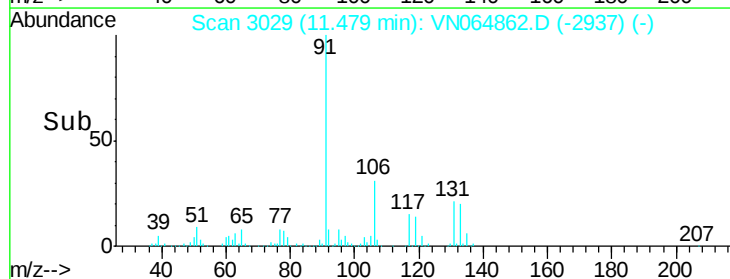
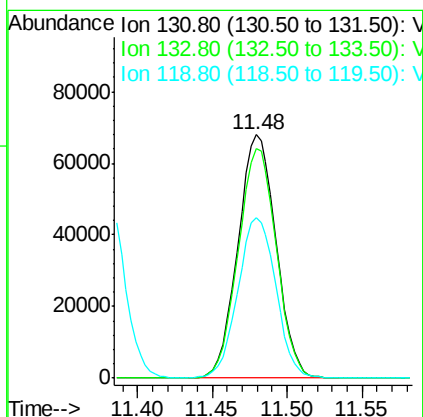
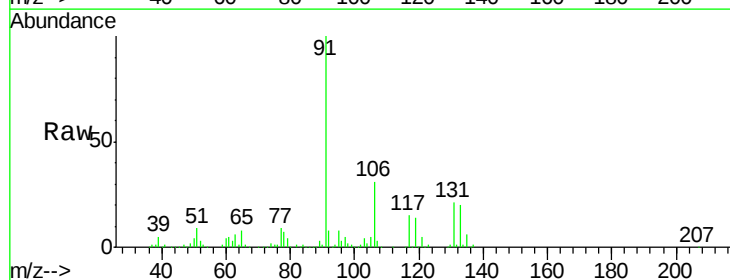
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 315296
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.628 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion:131 Resp: 120403
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 65.8 33.3 99.8

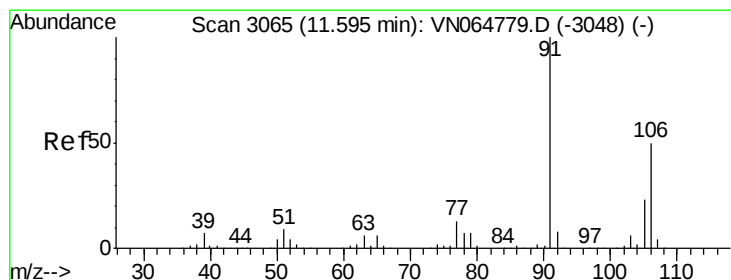
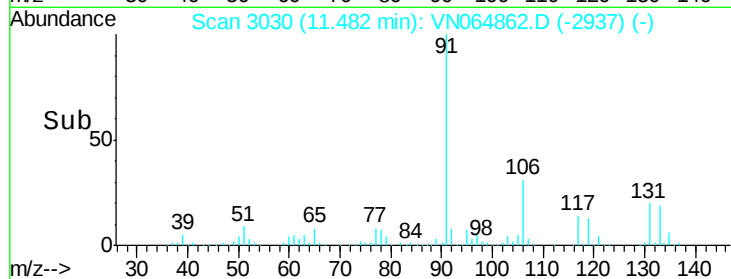
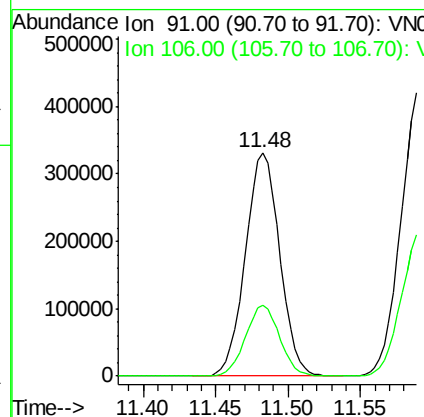
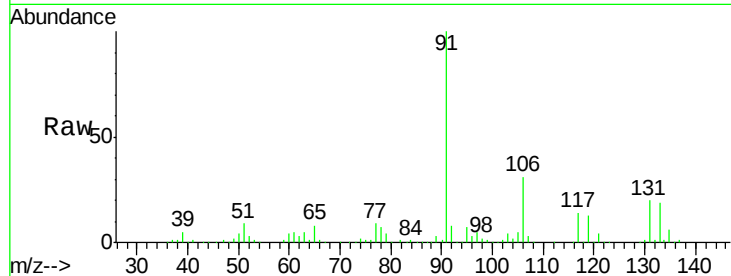




#67
Ethyl Benzene
Concen: 51.500 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

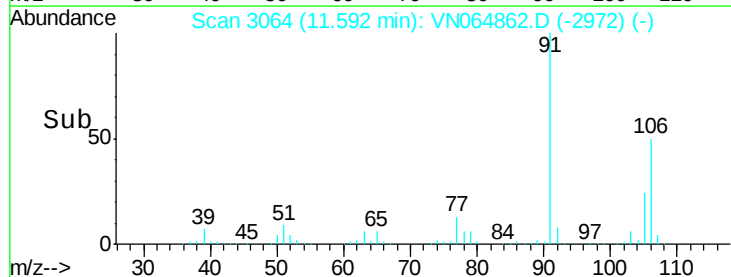
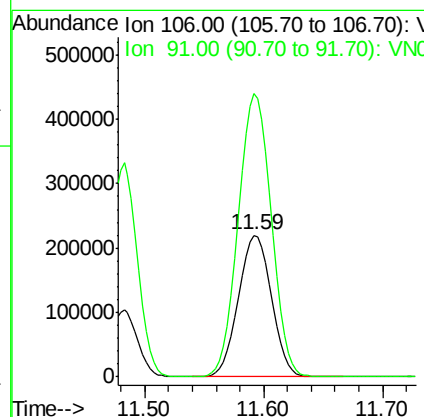
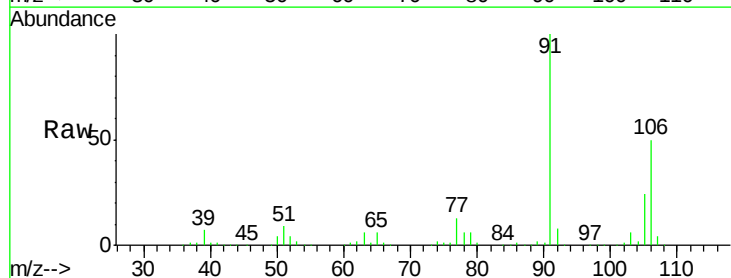
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 545963
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 105.561 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 106 Resp: 423692
Ion Ratio Lower Upper
106 100
91 199.7 161.0 241.4

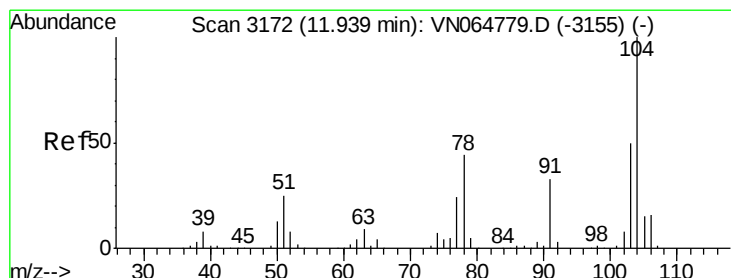
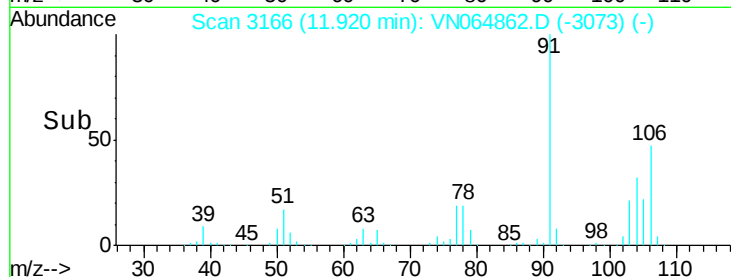
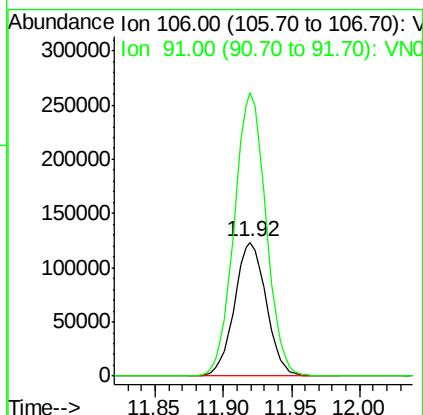
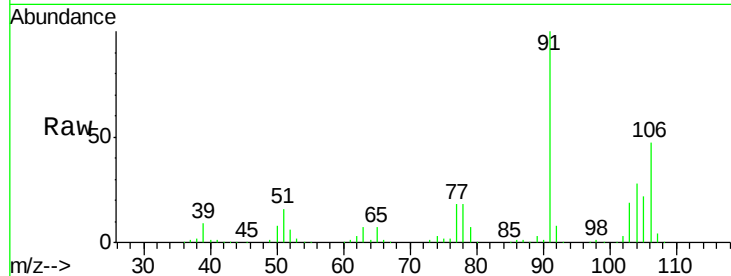




#69
o-Xylene
Concen: 52.417 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

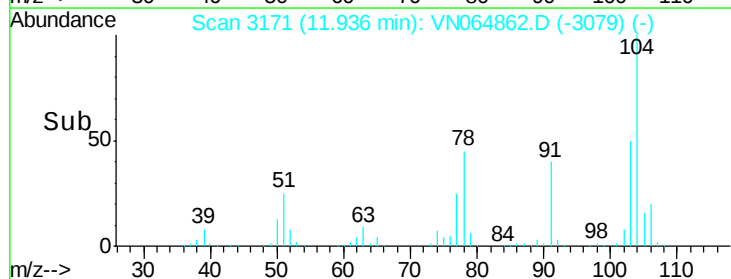
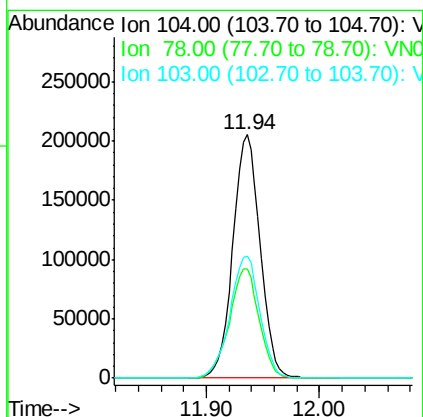
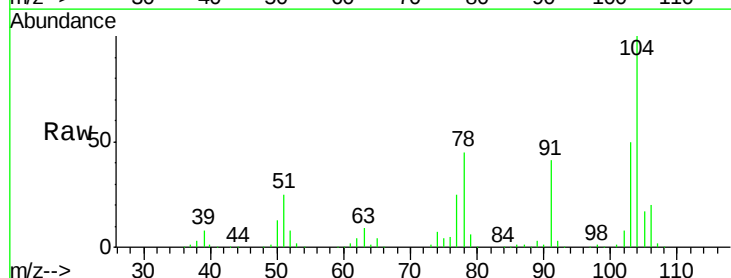
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

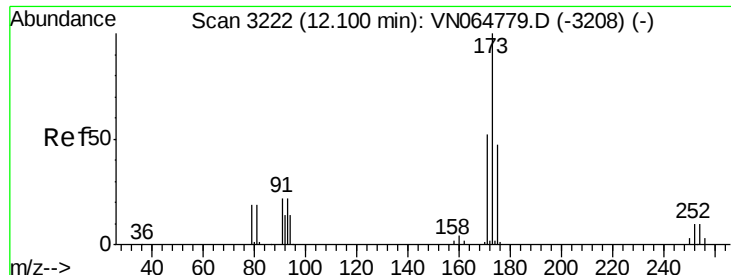
Tot Ion:106 Resp: 199645
Ion Ratio Lower Upper
106 100
91 212.1 105.5 316.5



#70
Styrene
Concen: 53.590 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion:104 Resp: 344580
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 55.1 44.3 66.5





#71

Bromoform

Concen: 48.380 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

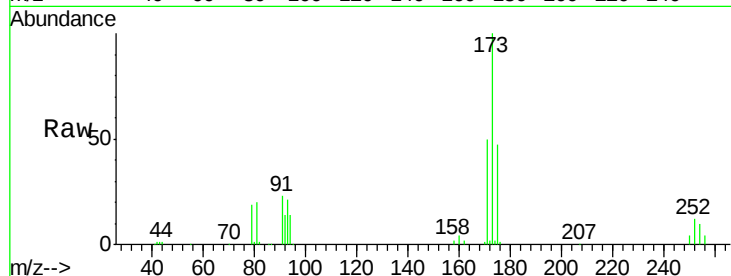
Tot Ion:173 Resp: 90116

Ion Ratio Lower Upper

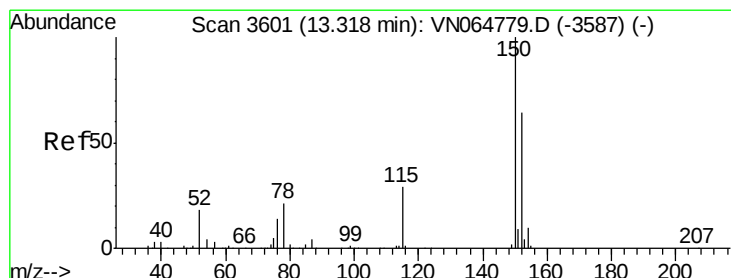
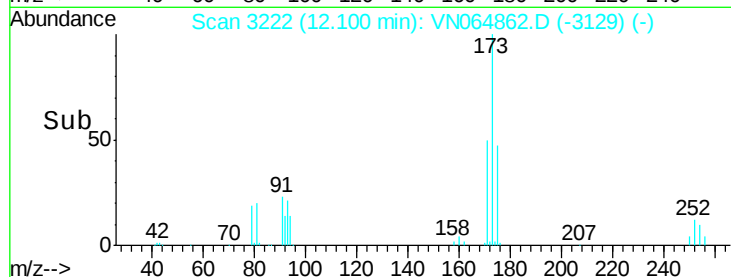
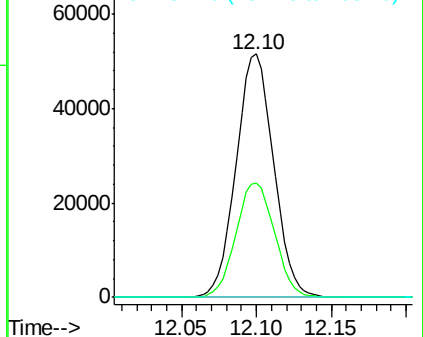
173 100

175 48.3 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# 3600

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

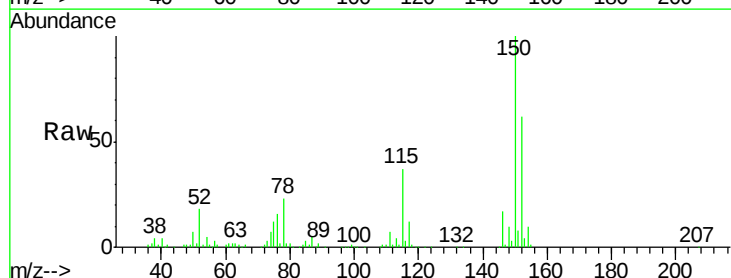
Tgt Ion:152 Resp: 146421

Ion Ratio Lower Upper

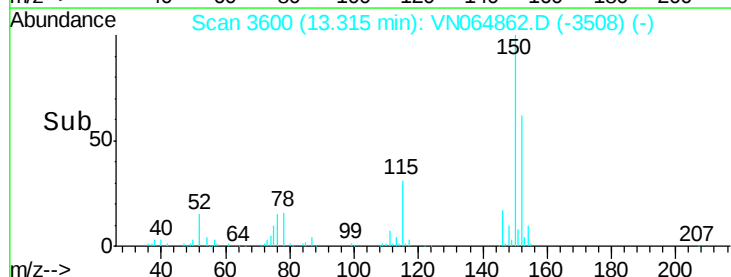
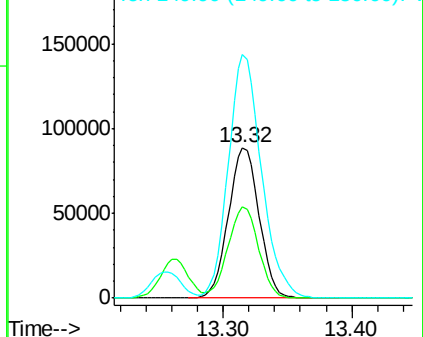
152 100

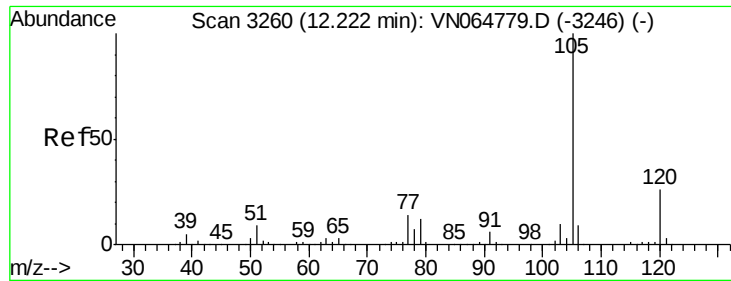
115 60.5 29.7 89.1

150 174.6 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: 52.647 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

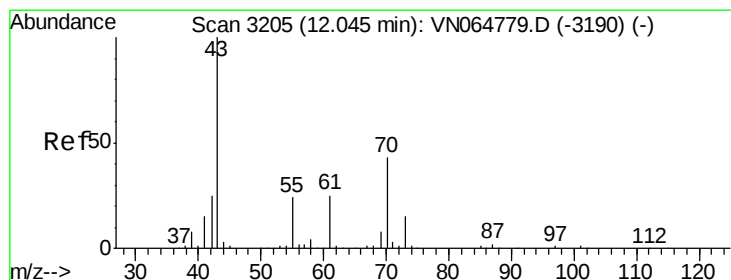
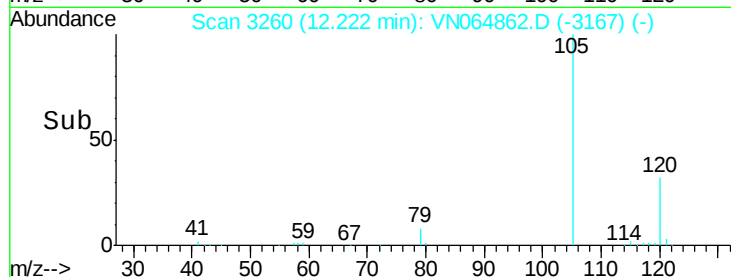
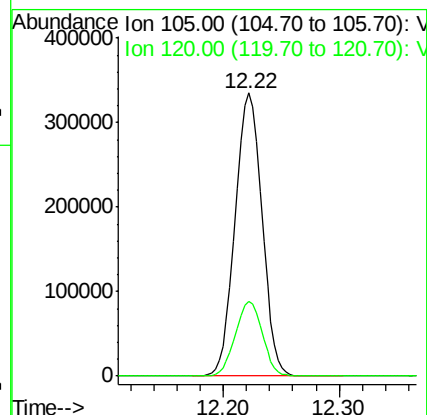
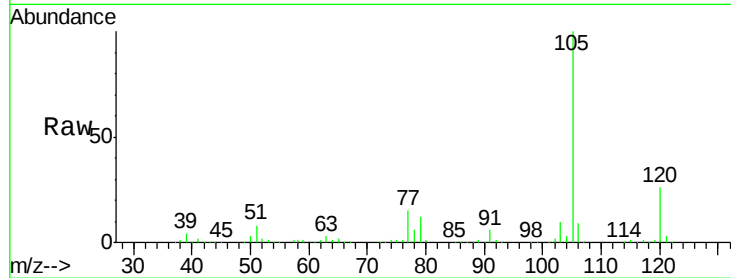
VSTDCCC050

Tot Ion:105 Resp: 536189

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 48.281 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Tgt Ion: 43 Resp: 193513

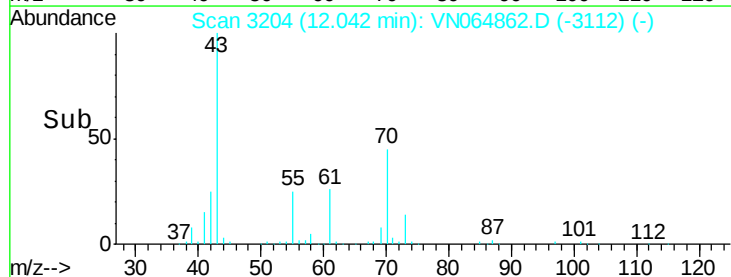
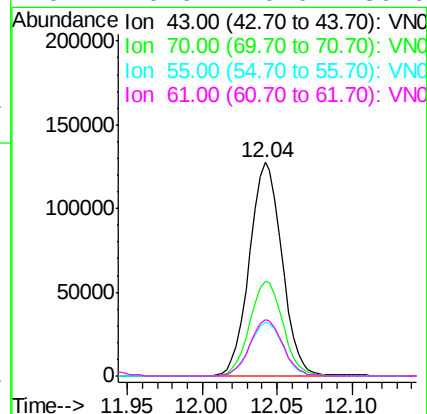
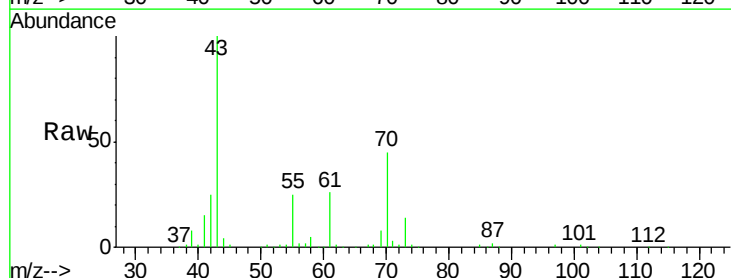
Ion Ratio Lower Upper

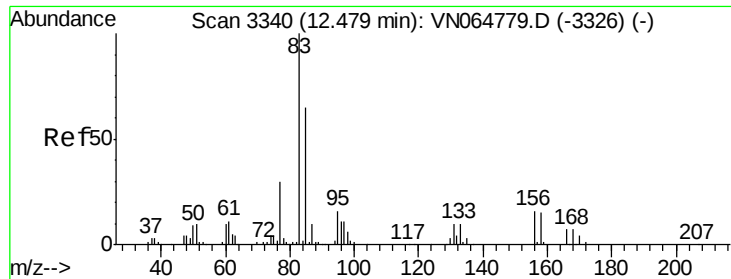
43 100

70 45.2 34.5 51.7

55 25.9 20.4 30.6

61 26.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.644 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

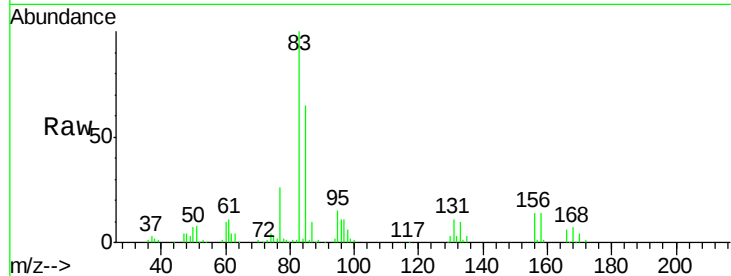
Tot Ion: 83 Resp: 127298

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

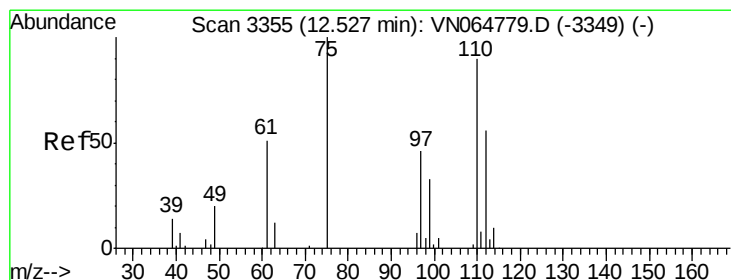
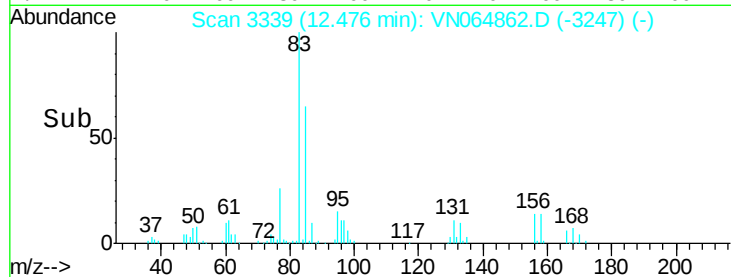
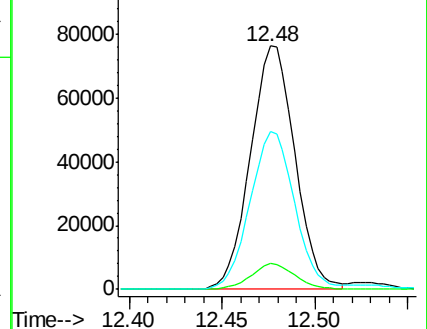
85 65.0 33.0 99.0



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

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 65.833 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064862.D

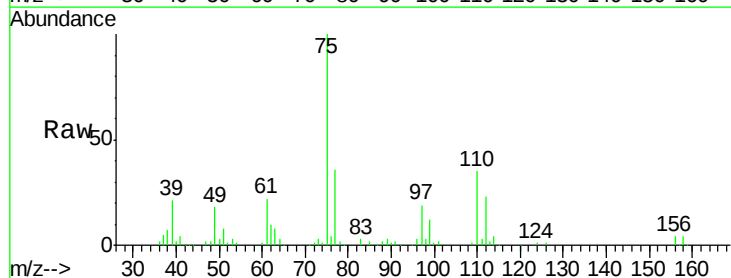
Acq: 30 Nov 2020 10:31

Tgt Ion: 75 Resp: 207591

Ion Ratio Lower Upper

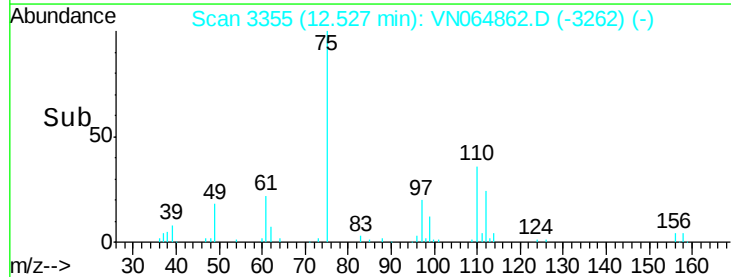
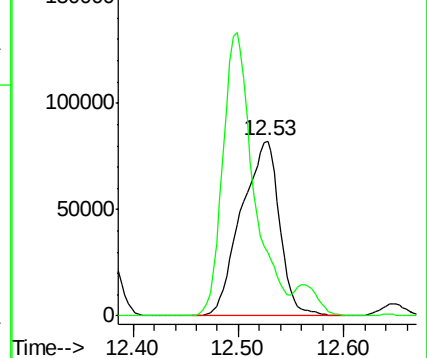
75 100

77 0.0 0.0 0.0



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

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 49.552 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

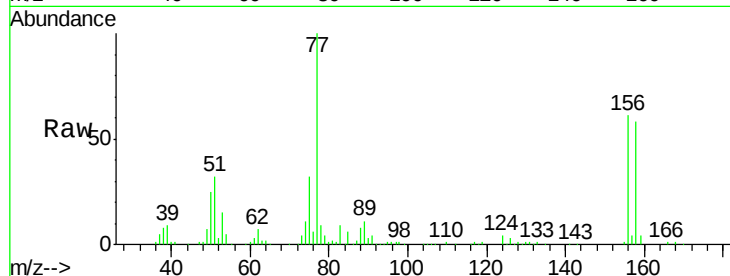
Tot Ion:156 Resp: 136059

Ion Ratio Lower Upper

156 100

77 198.2 101.3 303.7

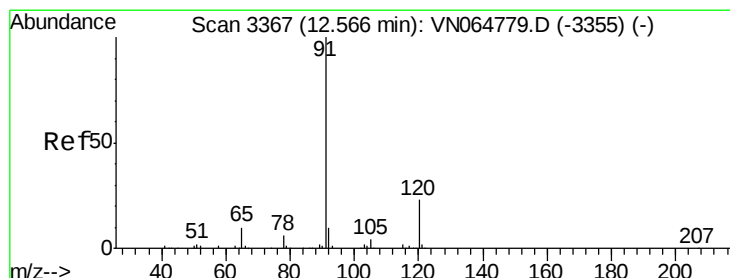
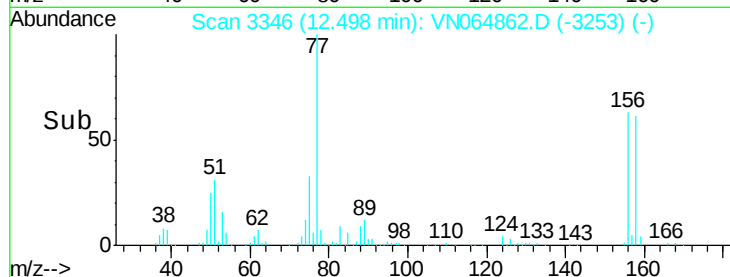
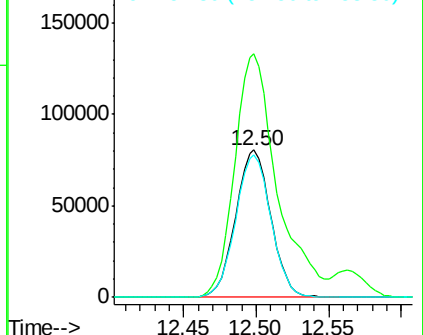
158 97.1 48.2 144.6



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: 53.340 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064862.D

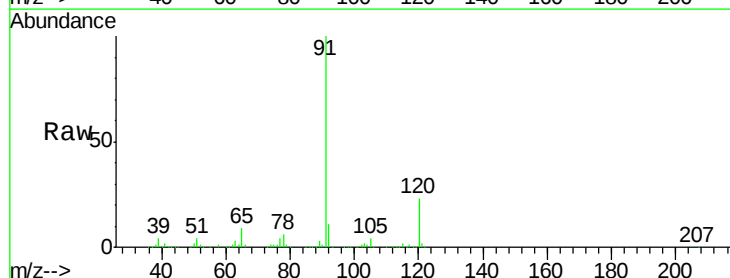
Acq: 30 Nov 2020 10:31

Tgt Ion: 91 Resp: 618866

Ion Ratio Lower Upper

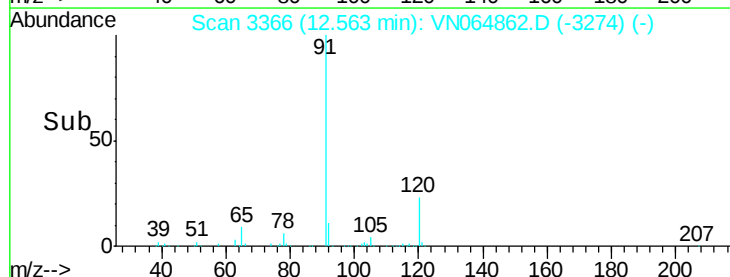
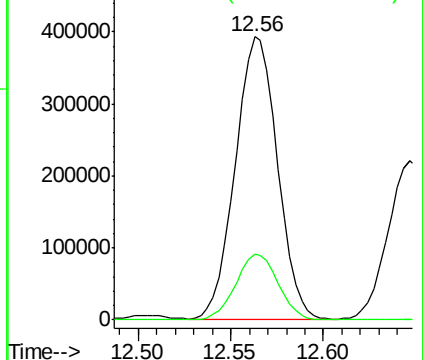
91 100

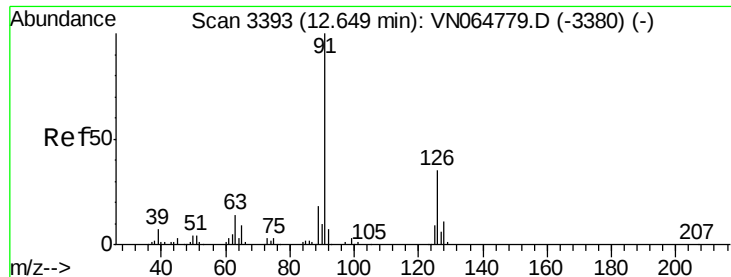
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.858 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

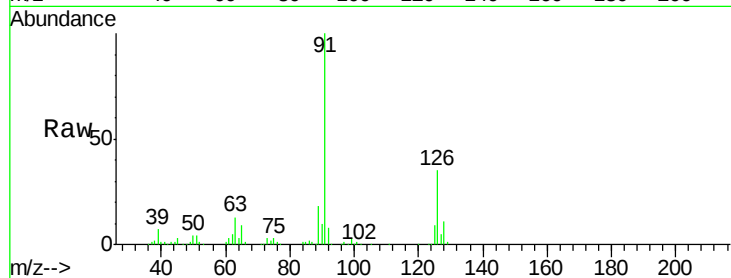
VSTDCCC050

Tot Ion: 91 Resp: 364745

Ion Ratio Lower Upper

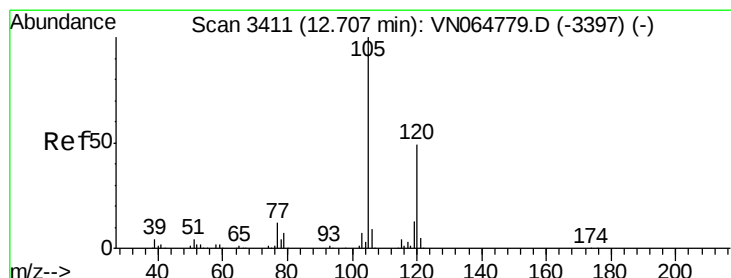
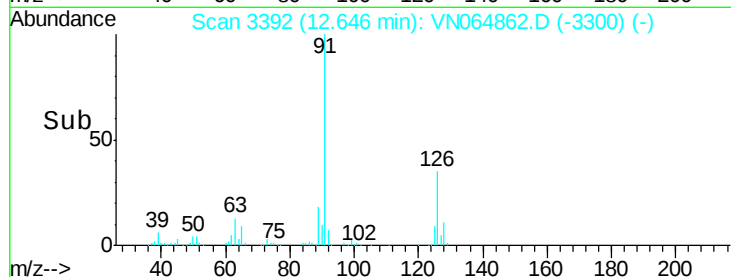
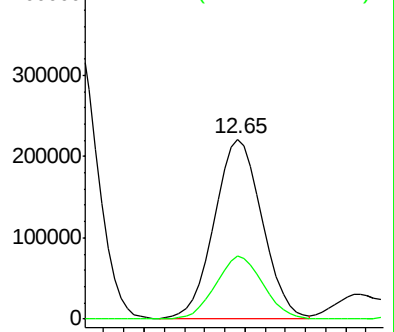
91 100

126 35.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.755 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064862.D

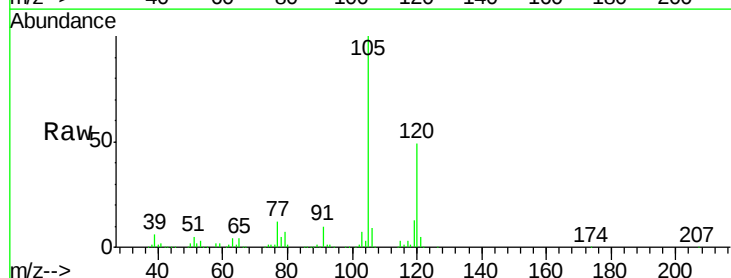
Acq: 30 Nov 2020 10:31

Tgt Ion: 105 Resp: 463519

Ion Ratio Lower Upper

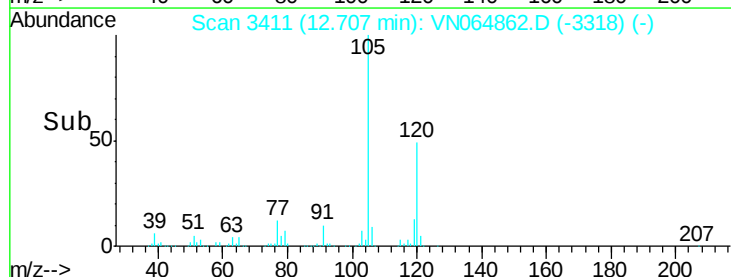
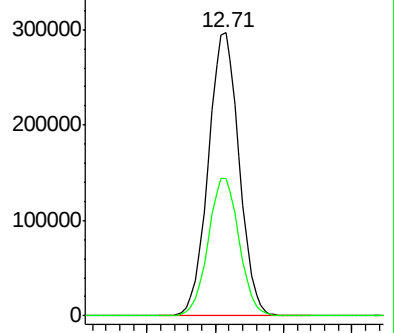
105 100

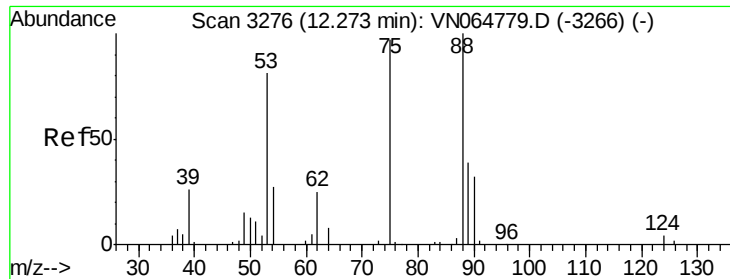
120 49.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)

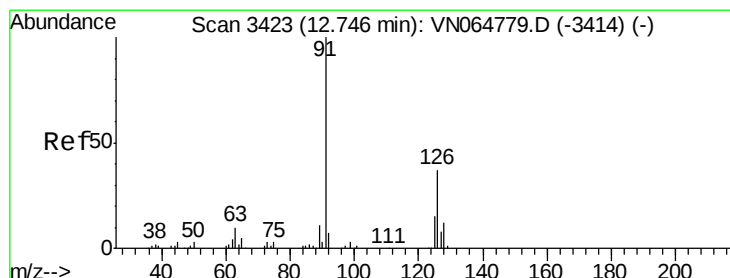
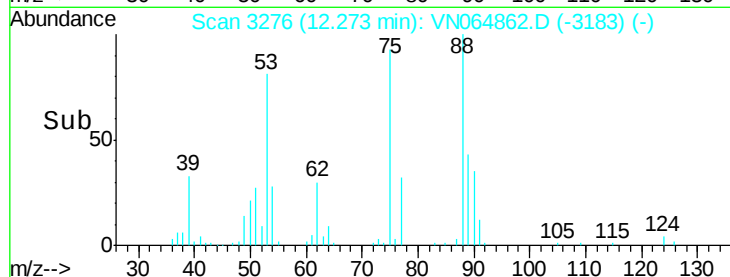
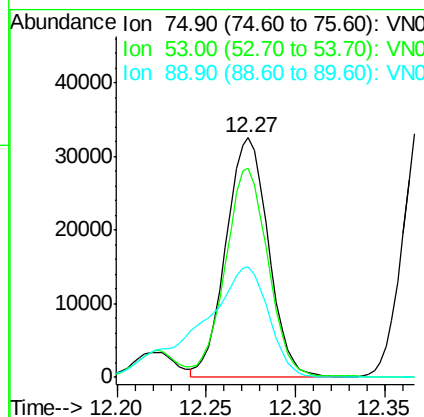
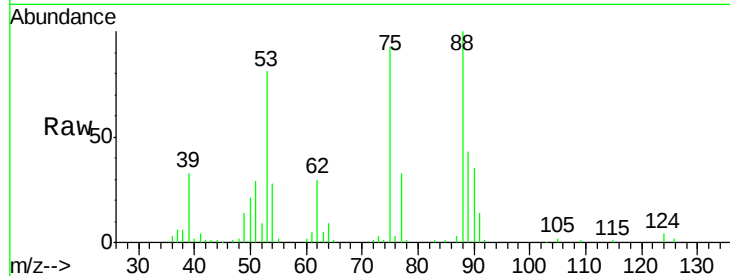




#81
trans-1,4-Dichloro-2-butene
Concen: 46.928 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

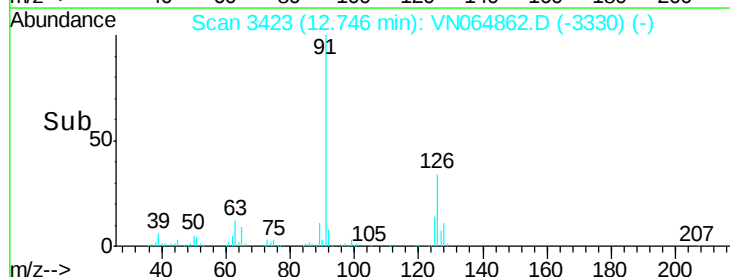
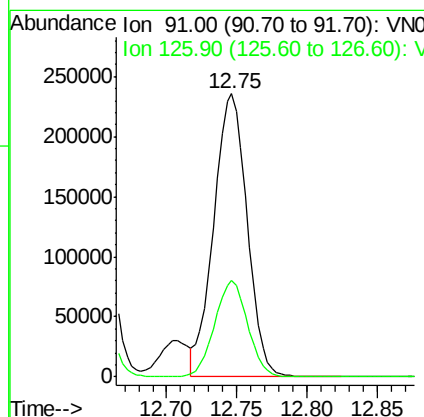
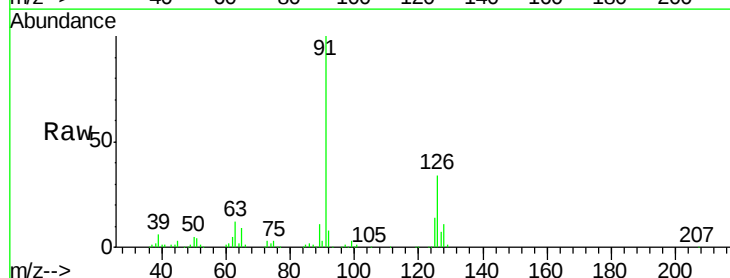
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

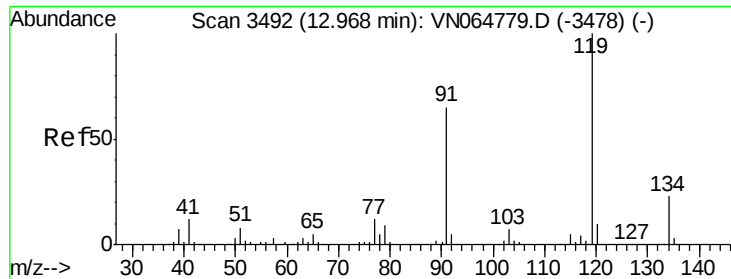
Tot Ion: 75 Resp: 53992
Ion Ratio Lower Upper
75 100
53 86.7 67.0 100.4
89 74.8 39.6 59.4#



#82
4-Chlorotoluene
Concen: 51.274 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion: 91 Resp: 385451
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7

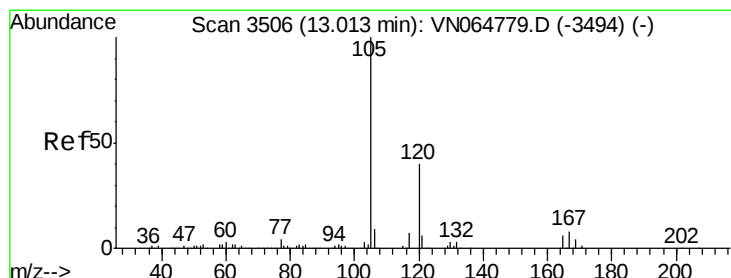
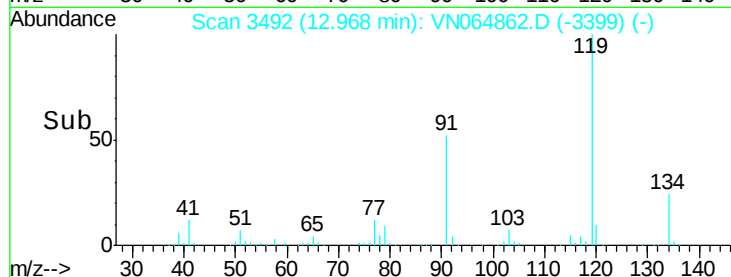
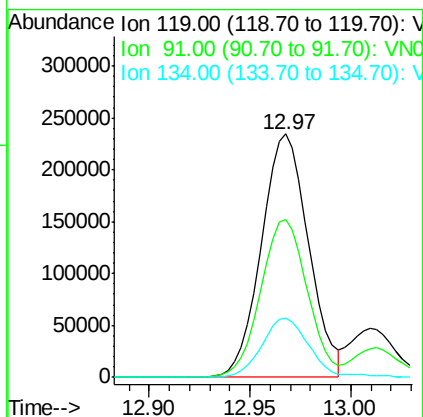
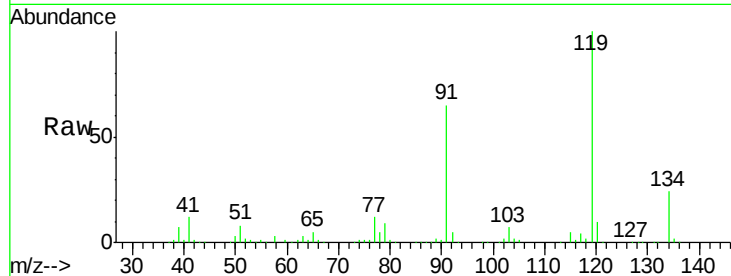




#83
 tert-Butylbenzene
 Concen: 53.748 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

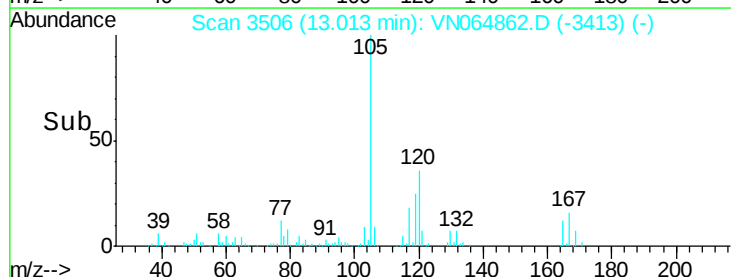
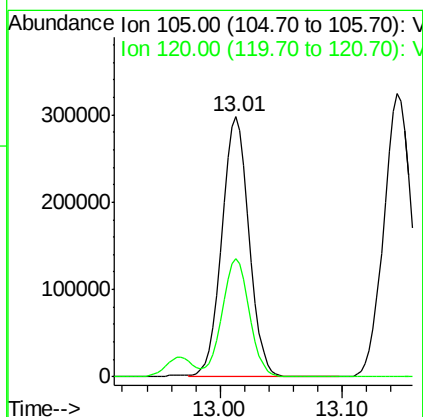
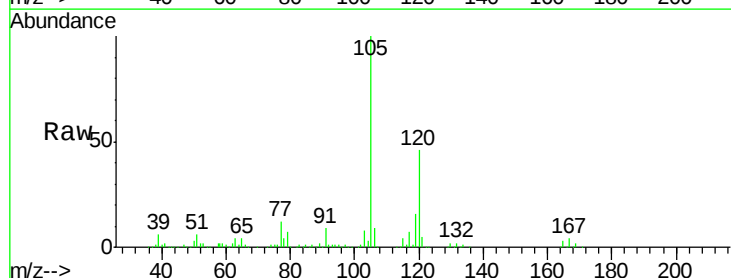
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

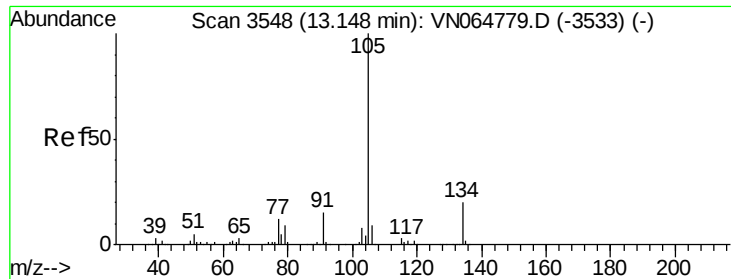
Tot Ion:119 Resp: 381375
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.3 96.8
 134 24.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.371 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

Tgt Ion:105 Resp: 465363
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 55.042 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

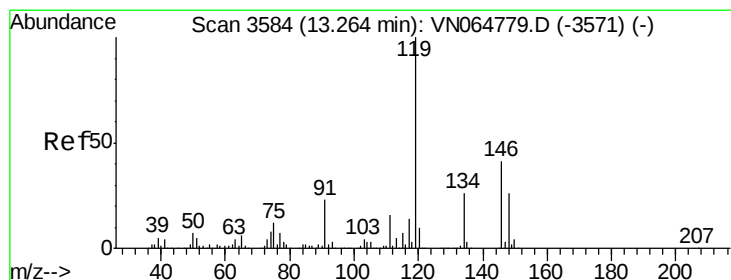
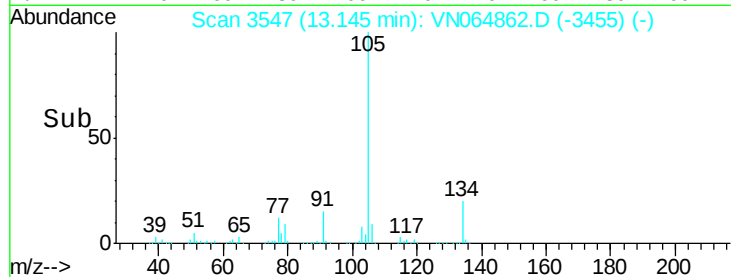
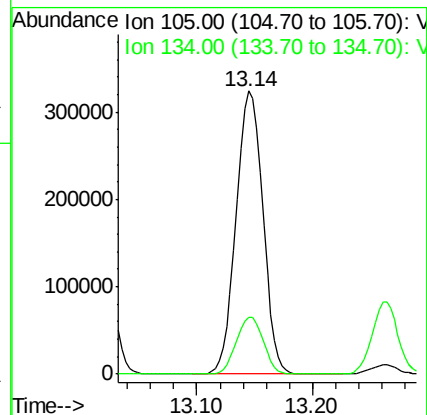
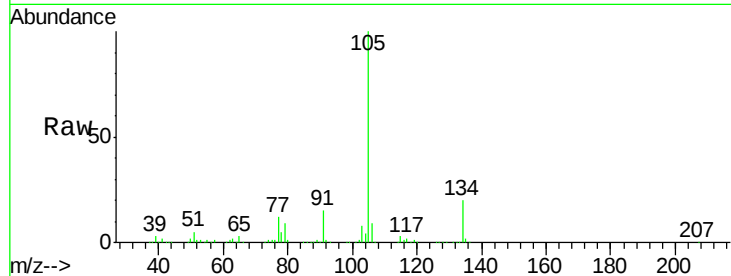
VSTDCCC050

Tot Ion:105 Resp: 518561

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 56.662 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

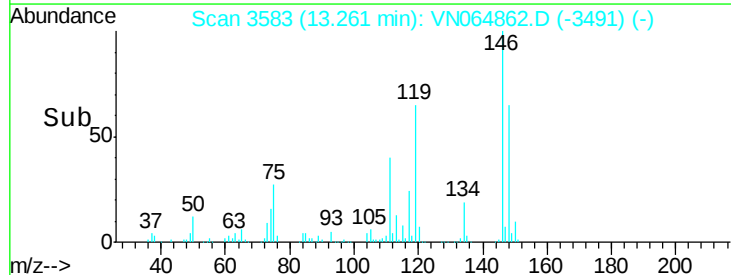
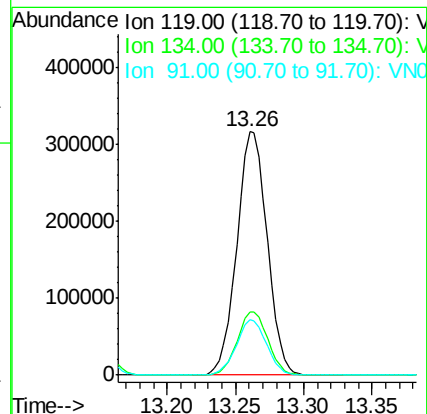
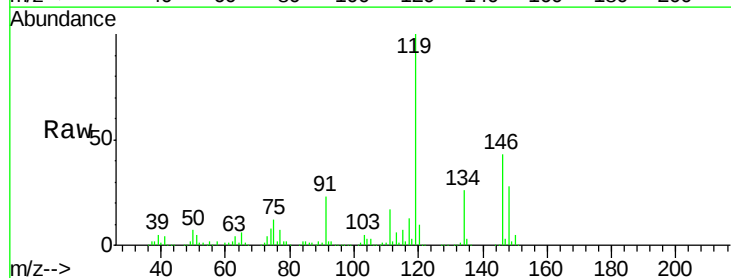
Tgt Ion:119 Resp: 486003

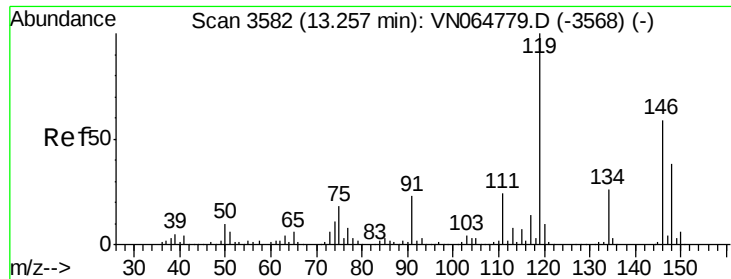
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 22.6 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 50.310 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

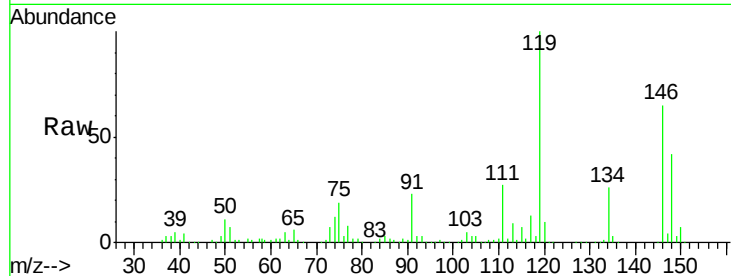
Tot Ion:146 Resp: 245427

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

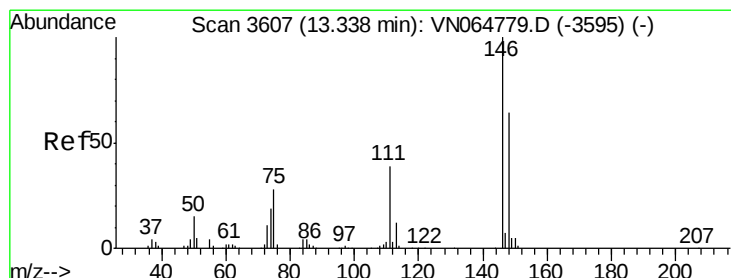
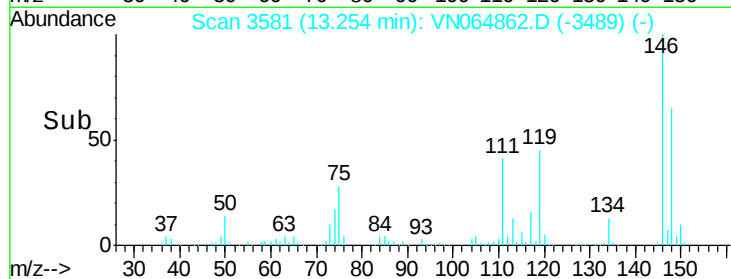
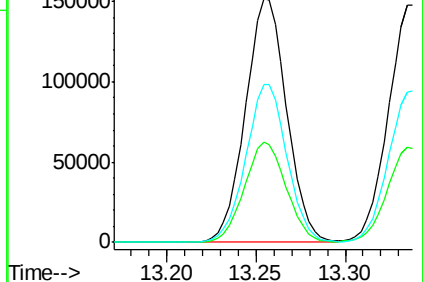
148 64.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.216 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

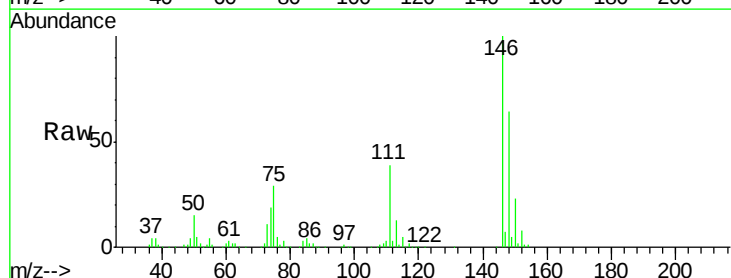
Tgt Ion:146 Resp: 248748

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.3

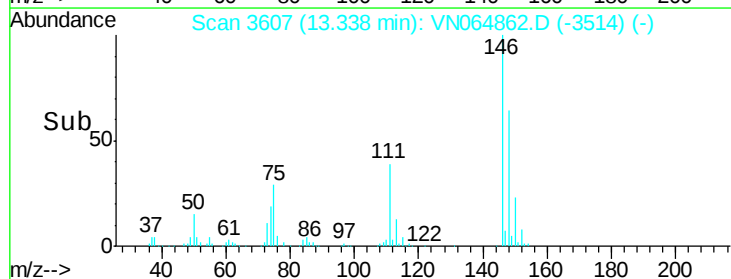
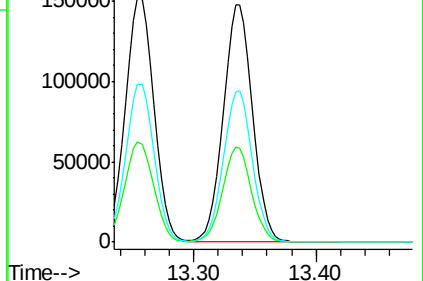
148 62.9 31.9 95.5

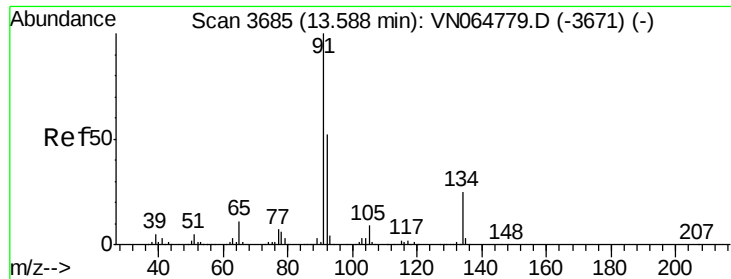


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 55.189 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064862.D

Acq: 30 Nov 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

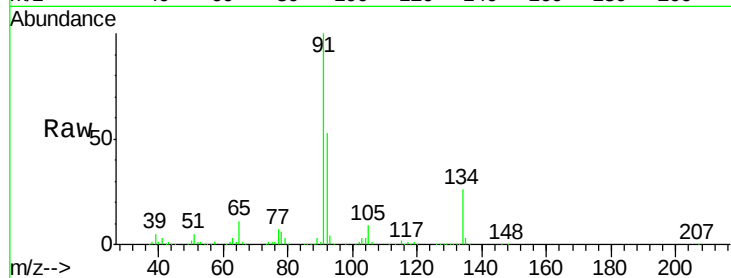
Tot Ion: 91 Resp: 415707

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

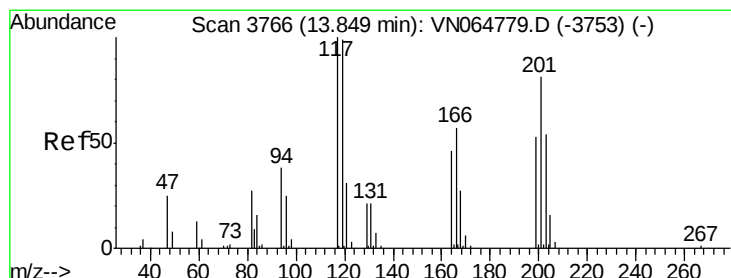
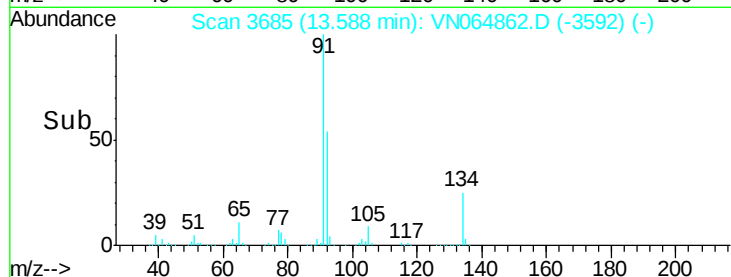
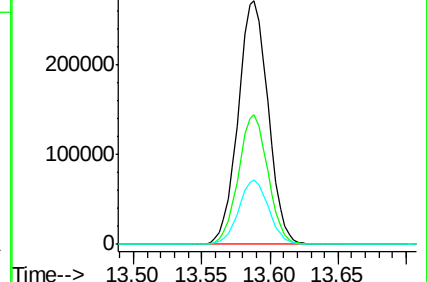
134 26.2 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064779.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064779.D (-3671) (-)



#90

Hexachloroethane

Concen: 53.013 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064862.D

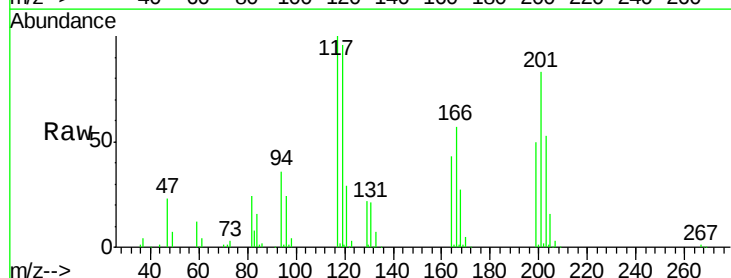
Acq: 30 Nov 2020 10:31

Tgt Ion: 117 Resp: 78992

Ion Ratio Lower Upper

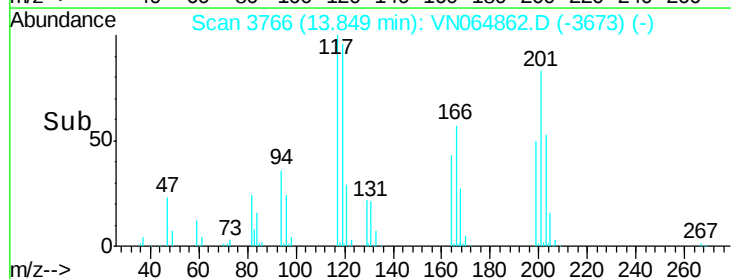
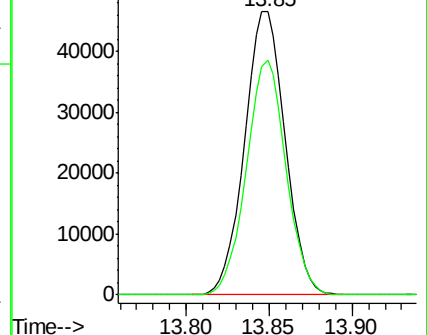
117 100

201 81.1 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-3753) (-)

Ion 200.70 (200.40 to 201.40): VN064779.D (-3753) (-)

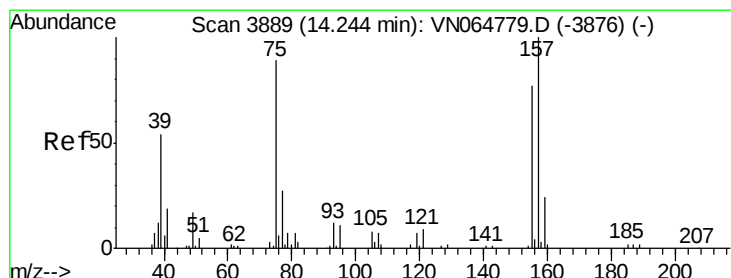
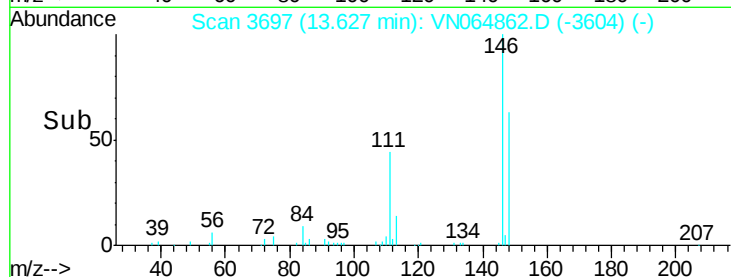
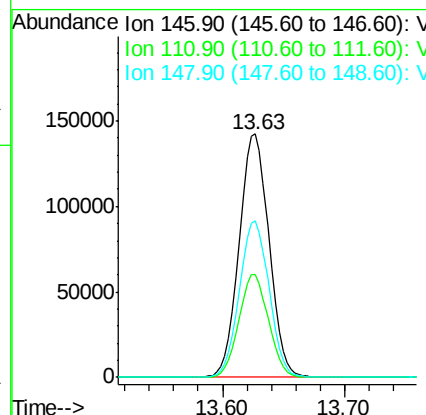
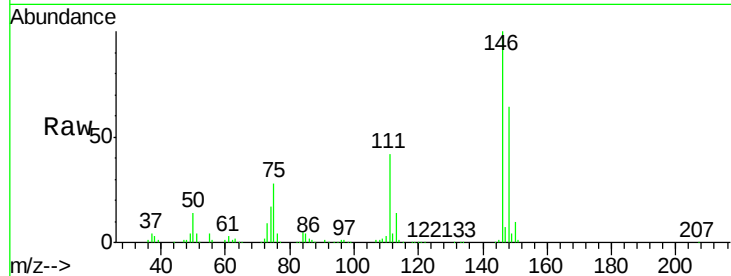




#91
 1,2-Dichlorobenzene
 Concen: 50.402 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

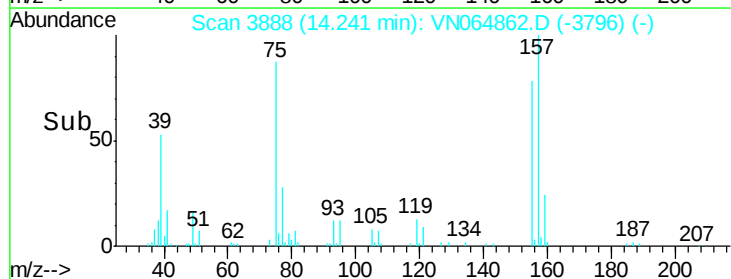
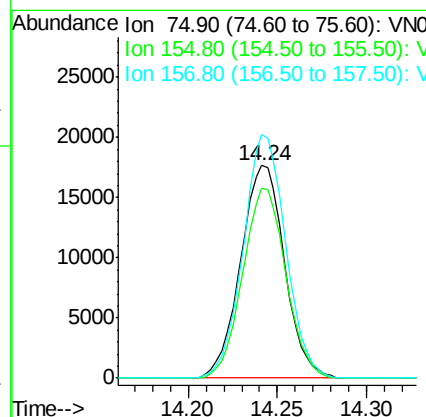
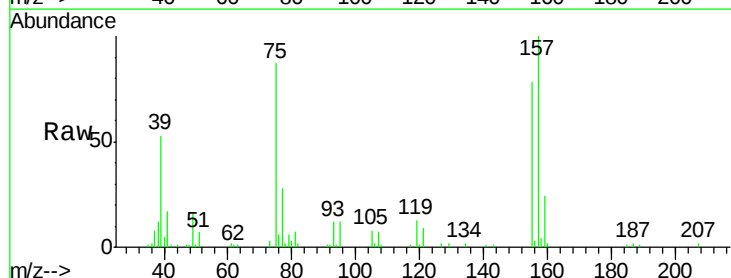
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

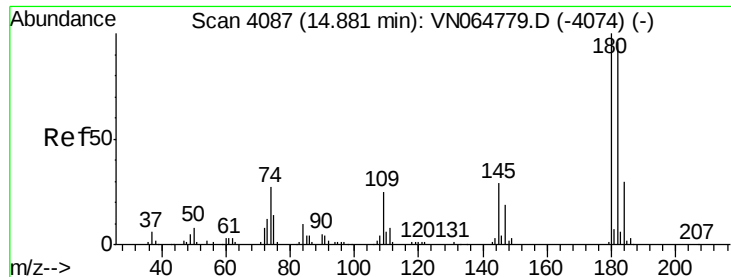
Tot Ion:146 Resp: 241424
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.075 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

Tgt Ion: 75 Resp: 30276
 Ion Ratio Lower Upper
 75 100
 155 87.2 42.8 128.3
 157 110.8 56.4 169.1

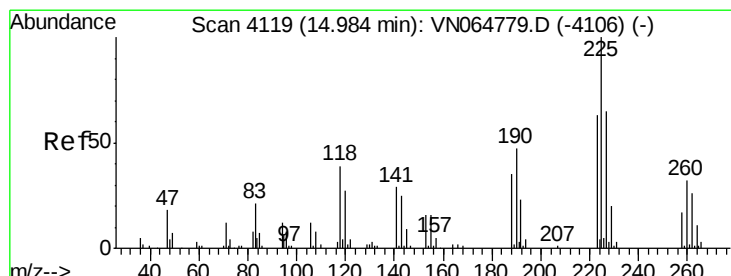
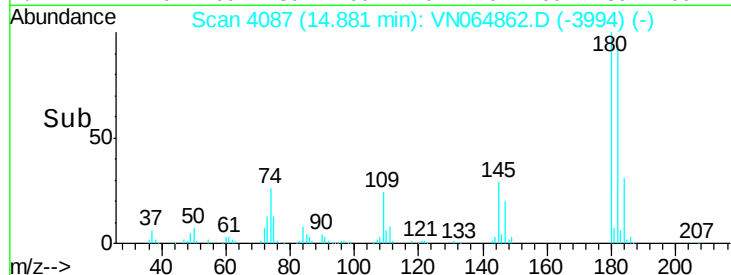
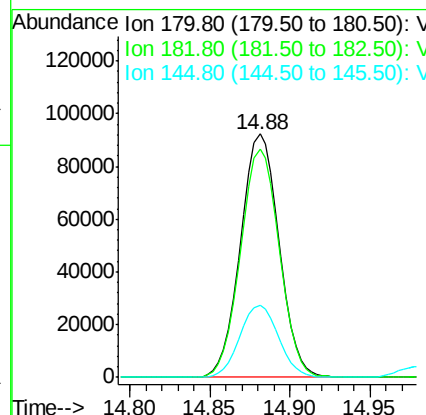
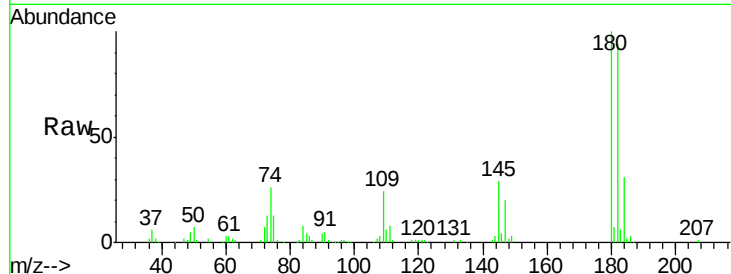




#93
 1,2,4-Trichlorobenzene
 Concen: 51.119 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

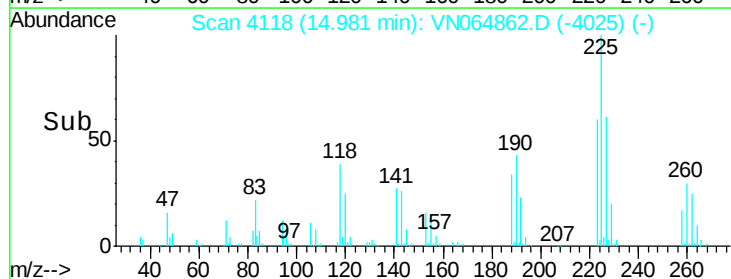
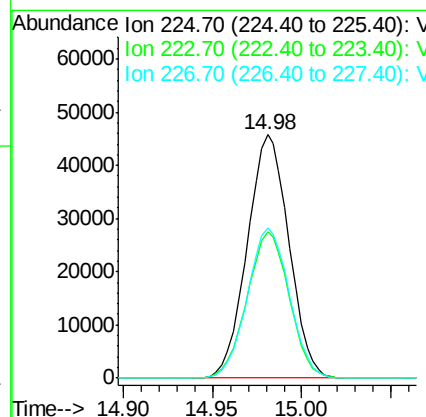
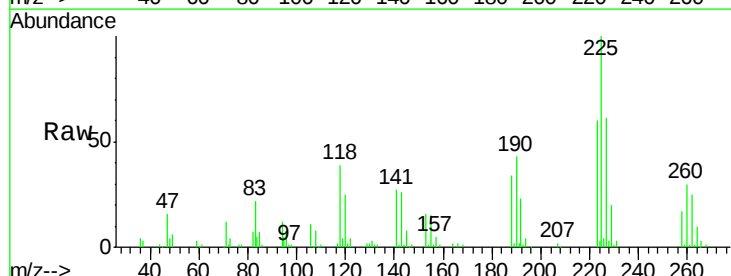
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

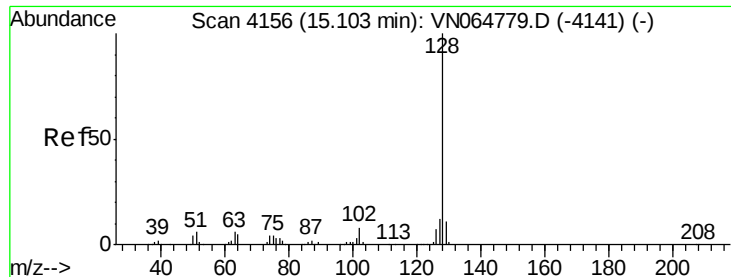
Tot Ion:180 Resp: 151472
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.6 142.9
 145 29.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 55.919 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064862.D
 Acq: 30 Nov 2020 10:31

Tgt Ion:225 Resp: 74673
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.0 93.0
 227 62.1 32.0 96.0

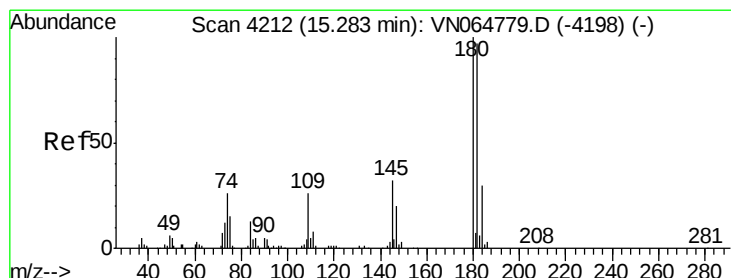
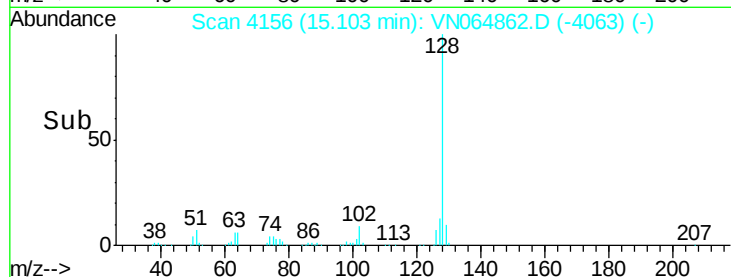
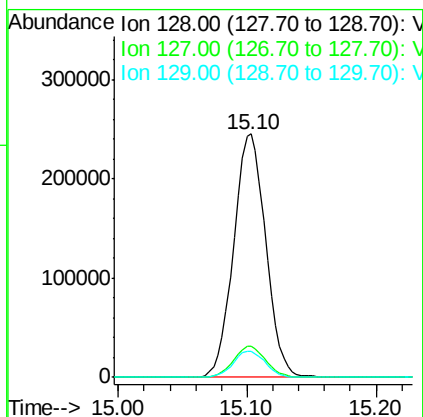
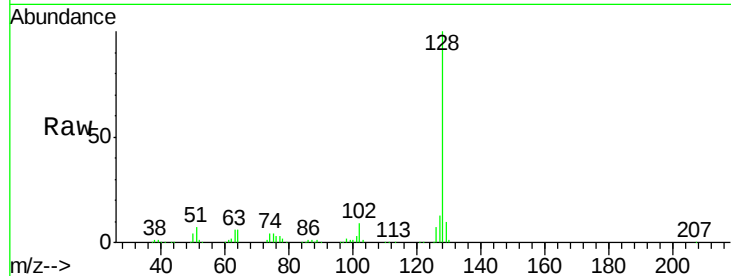




#95
Naphthalene
Concen: 47.820 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 424501
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.714 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064862.D
Acq: 30 Nov 2020 10:31

Tgt Ion:180 Resp: 142862
Ion Ratio Lower Upper
180 100
182 93.8 48.1 144.4
145 32.7 16.4 49.1

