

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064860.D
 Acq On : 25 Nov 2020 16:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 26 03:42:29 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	227393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	360429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	324808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160378	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	128348	48.55	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.10%	
35) Dibromofluoromethane		7.55	113	107118	49.67	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.34%	
50) Toluene-d8		10.06	98	436840	49.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.14%	
62) 4-Bromofluorobenzene		12.37	95	160349	50.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	84290	42.770	ug/l	99
3) Chloromethane	2.04	50	111469	43.526	ug/l	99
4) Vinyl Chloride	2.16	62	116409	43.598	ug/l	100
5) Bromomethane	2.52	94	69107	39.450	ug/l	98
6) Chloroethane	2.67	64	74663	45.211	ug/l	99
7) Trichlorofluoromethane	2.98	101	164696	44.623	ug/l	99
8) Diethyl Ether	3.37	74	64336	44.161	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	100654	45.461	ug/l	99
10) Methyl Iodide	3.90	142	119680	41.673	ug/l	98
11) Tert butyl alcohol	4.75	59	89948	218.175	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	101186	45.888	ug/l	99
13) Acrolein	3.57	56	30616	121.577	ug/l	99
14) Allyl chloride	4.27	41	166189	45.696	ug/l	98
15) Acrylonitrile	4.93	53	265448	233.070	ug/l	99
16) Acetone	3.78	43	184381	212.170	ug/l	100
17) Carbon Disulfide	4.00	76	253950	44.605	ug/l	99
18) Methyl Acetate	4.28	43	124190	47.532	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	338403	47.851	ug/l	100
20) Methylene Chloride	4.50	84	120122	44.112	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	108951	44.494	ug/l	100
22) Diisopropyl ether	5.91	45	353155	48.514	ug/l	98
23) Vinyl Acetate	5.85	43	1411467	242.471	ug/l	100
24) 1,1-Dichloroethane	5.80	63	204994	47.120	ug/l	98
25) 2-Butanone	6.79	43	324043	230.025	ug/l	98
26) 2,2-Dichloropropane	6.78	77	172315	45.669	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	127751	46.364	ug/l	100
28) Bromochloromethane	7.15	49	98037	49.260	ug/l	96
29) Tetrahydrofuran	7.17	42	225585	231.979	ug/l	99
30) Chloroform	7.33	83	206302	45.984	ug/l	98
31) Cyclohexane	7.61	56	166720	45.249	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	175334	45.503	ug/l	99
36) 1,1-Dichloropropene	7.75	75	153516	45.952	ug/l	99
37) Ethyl Acetate	6.88	43	138122	42.920	ug/l	99
38) Carbon Tetrachloride	7.73	117	156496	45.020	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	166277	46.234	ug/l	99
40) Benzene	8.00	78	465620	45.482	ug/l	98
41) Methacrylonitrile	7.13	41	65938	44.406	ug/l	95
42) 1,2-Dichloroethane	8.08	62	154090	44.618	ug/l	99
43) Isopropyl Acetate	8.13	43	237919	45.945	ug/l	100
44) Trichloroethene	8.80	130	148165	49.052	ug/l	97
45) 1,2-Dichloropropane	9.08	63	126012	47.531	ug/l	99
46) Dibromomethane	9.17	93	81627	46.087	ug/l	98
47) Bromodichloromethane	9.37	83	164162	46.064	ug/l	100
48) Methyl methacrylate	9.16	41	117285	47.400	ug/l	99
49) 1,4-Dioxane	9.17	88	41202	881.016	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	722236	232.321	ug/l	100
52) Toluene	10.12	92	293588	46.567	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	183145	46.140	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	200678	47.167	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	119306	46.019	ug/l	97
56) Ethyl methacrylate	10.40	69	176265	49.269	ug/l	99
57) 1,3-Dichloropropane	10.68	76	197703	46.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	477215	242.497	ug/l	99
59) 2-Hexanone	10.72	43	523101	233.804	ug/l	99
60) Dibromochloromethane	10.87	129	134356	46.622	ug/l	98
61) 1,2-Dibromoethane	10.98	107	121852	46.262	ug/l	99
64) Tetrachloroethene	10.60	164	168233	53.237	ug/l	98
65) Chlorobenzene	11.41	112	325107	46.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	120564	47.033	ug/l	100
67) Ethyl Benzene	11.48	91	561372	48.176	ug/l	99
68) m/p-Xylenes	11.60	106	434966	98.593	ug/l	99
69) o-Xylene	11.92	106	206608	49.351	ug/l	99
70) Styrene	11.94	104	356477	50.439	ug/l	99
71) Bromoform	12.10	173	93301	45.571	ug/l #	99
73) Isopropylbenzene	12.22	105	544897	48.846	ug/l	99
74) N-amyl acetate	12.04	43	210374	47.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	129919	39.734	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	221549	64.145	ug/l #	100
77) Bromobenzene	12.50	156	138392	46.016	ug/l	99
78) n-propylbenzene	12.56	91	619455	48.744	ug/l	99
79) 2-Chlorotoluene	12.65	91	368583	46.920	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	467189	50.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	58679	46.564	ug/l #	81
82) 4-Chlorotoluene	12.75	91	390064	47.372	ug/l	100
83) tert-Butylbenzene	12.97	119	384659	49.493	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	473816	50.541	ug/l	99
85) sec-Butylbenzene	13.14	105	510566	49.478	ug/l	100
86) p-Isopropyltoluene	13.26	119	481600	51.262	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	245996	46.038	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	250265	44.289	ug/l	99
89) n-Butylbenzene	13.59	91	411762	49.908	ug/l	100
90) Hexachloroethane	13.85	117	75350	46.168	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	240718	45.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32992	44.844	ug/l	97

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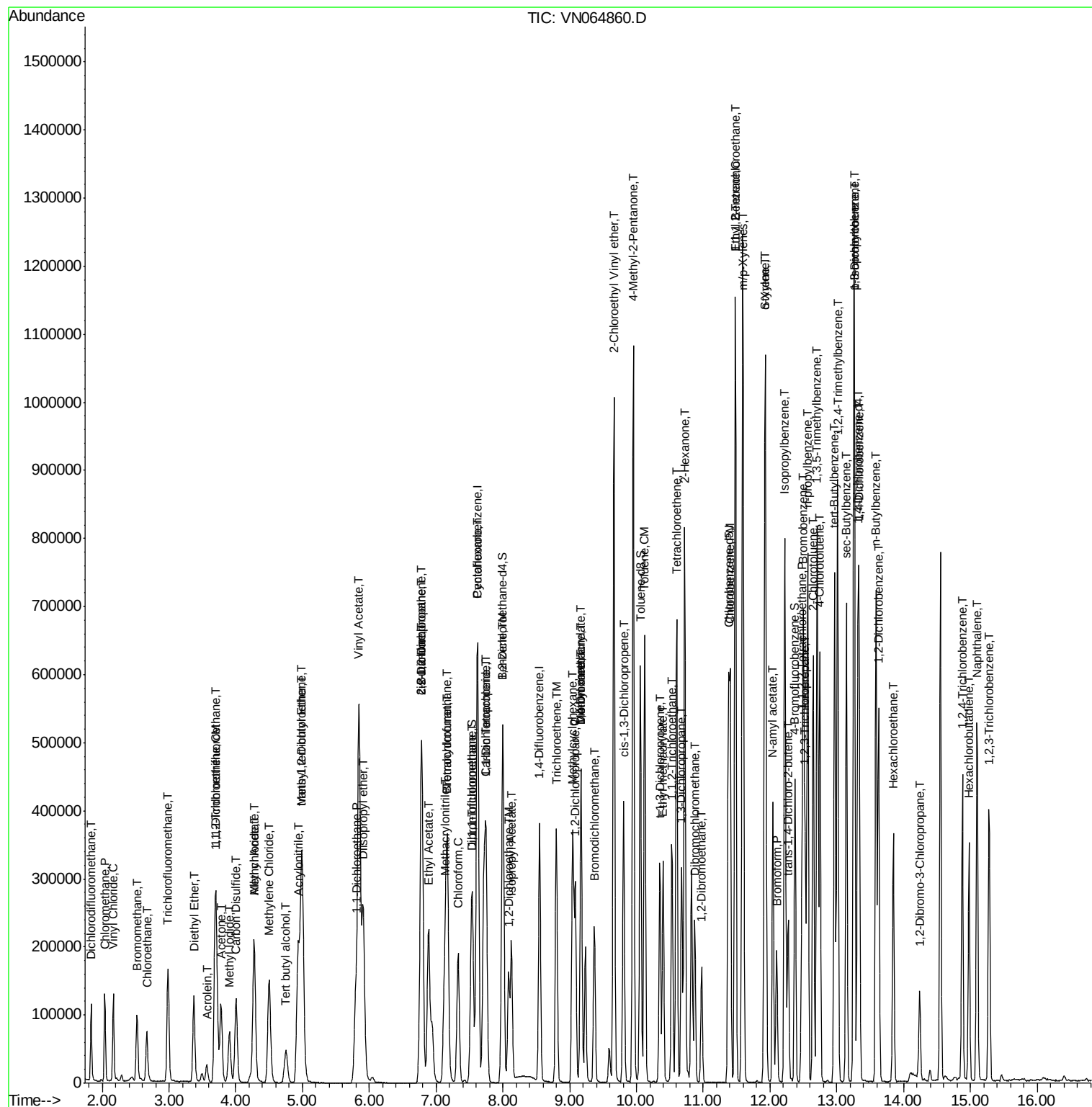
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	147468	45.437	ug/l	99
94) Hexachlorobutadiene	14.98	225	69102	47.301	ug/l	99
95) Naphthalene	15.10	128	456469	46.946	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	141260	45.917	ug/l	100

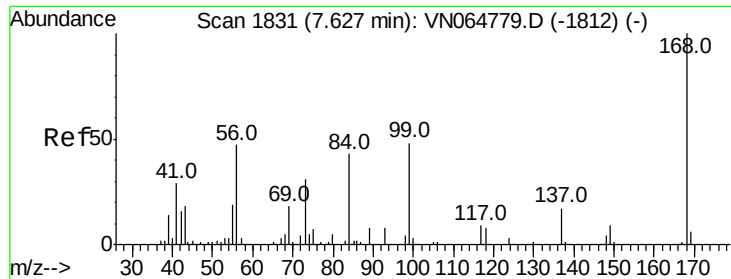
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

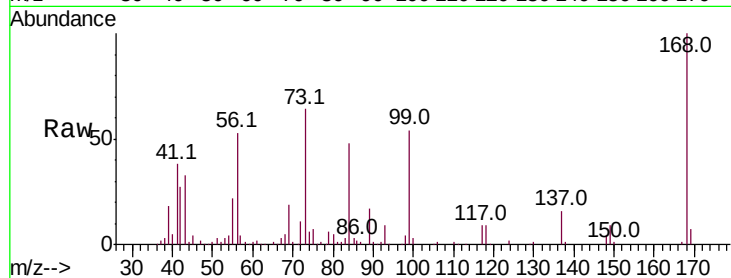
VSTDCCC050EC

Tot Ion:168 Resp: 227393

Ion Ratio Lower Upper

168 100

99 54.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

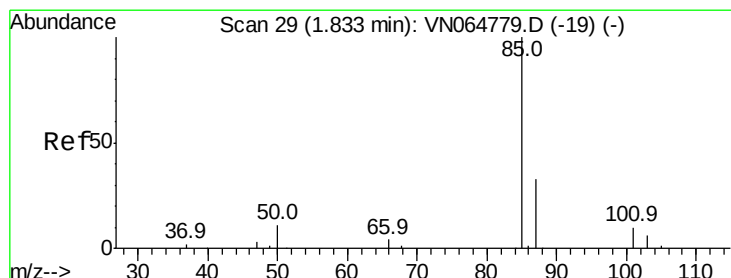
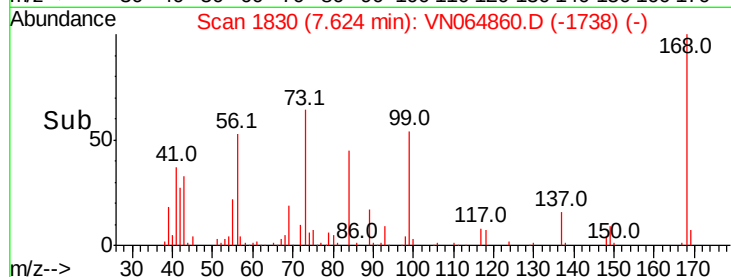
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.770 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064860.D

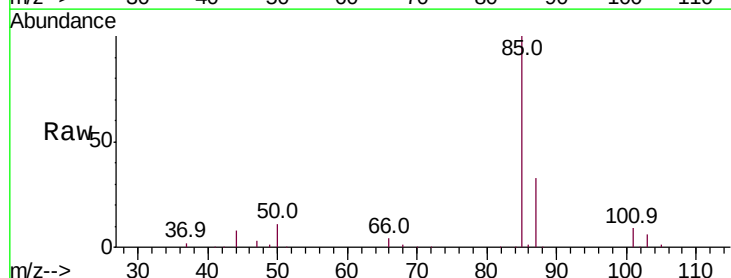
Acq: 25 Nov 2020 16:54

Tgt Ion: 85 Resp: 84290

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

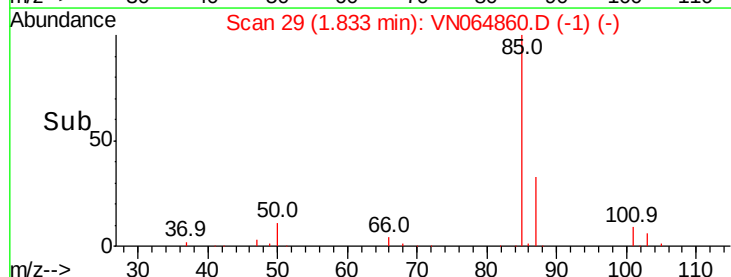
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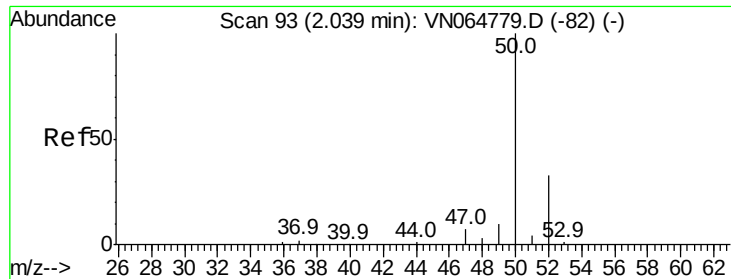
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 43.526 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

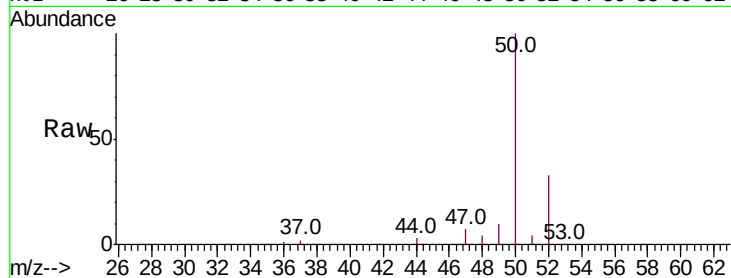
VSTDCCC050EC

Tot Ion: 50 Resp: 111469

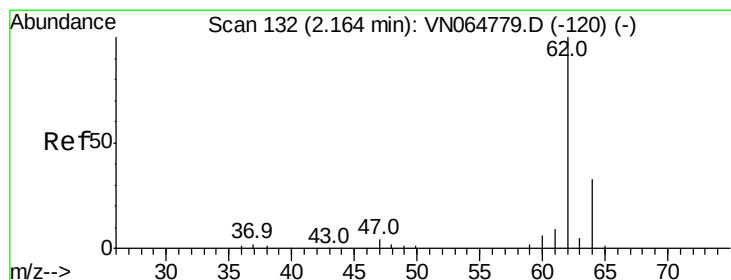
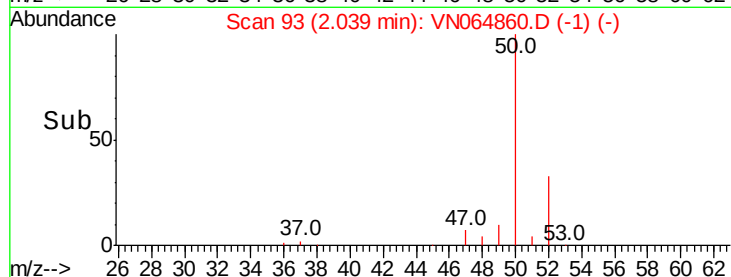
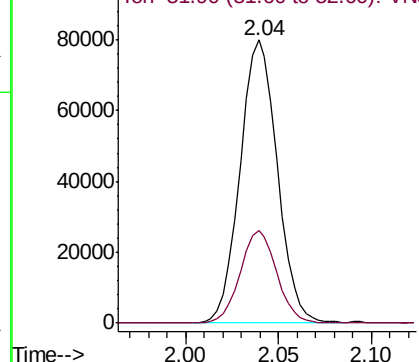
Ion Ratio Lower Upper

50 100

52 32.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 43.598 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064860.D

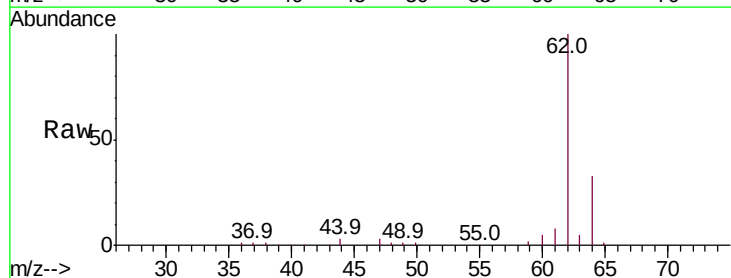
Acq: 25 Nov 2020 16:54

Tgt Ion: 62 Resp: 116409

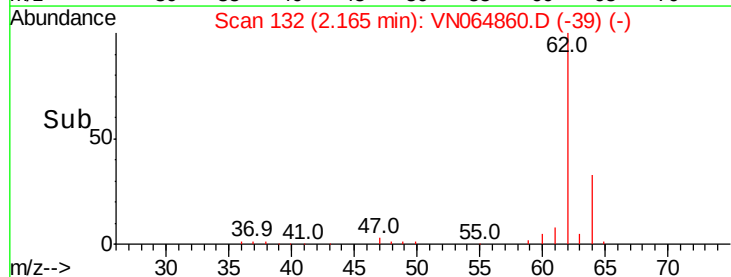
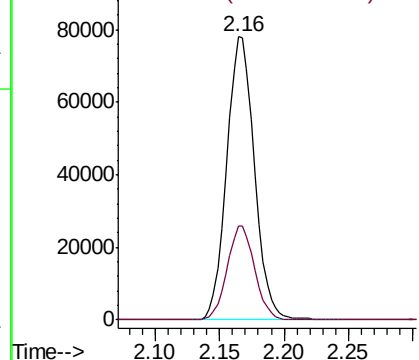
Ion Ratio Lower Upper

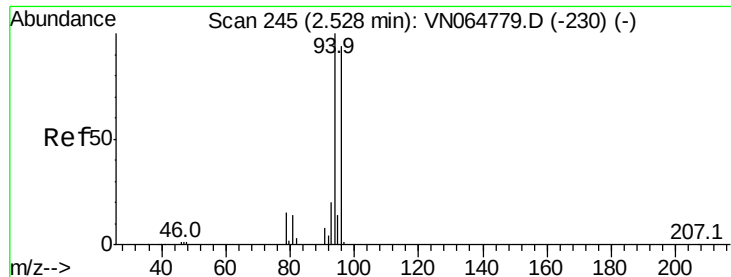
62 100

64 33.0 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 39.450 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

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Acq: 25 Nov 2020 16:54

Instrument :

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ClientSampleId :

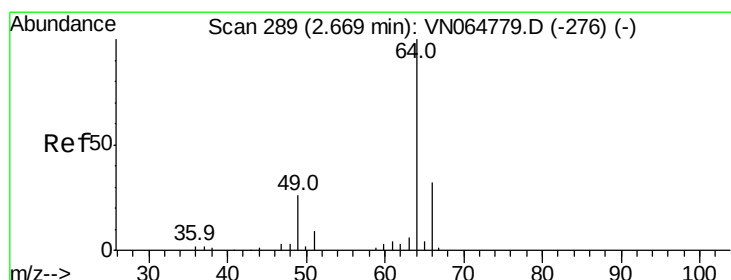
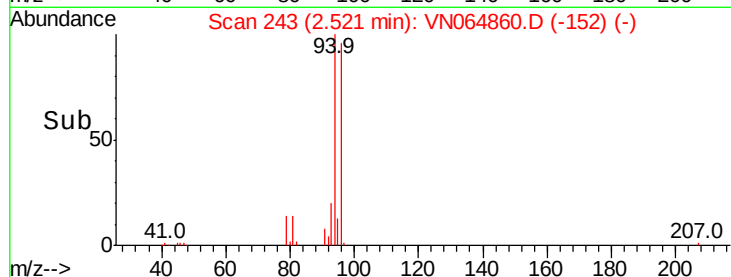
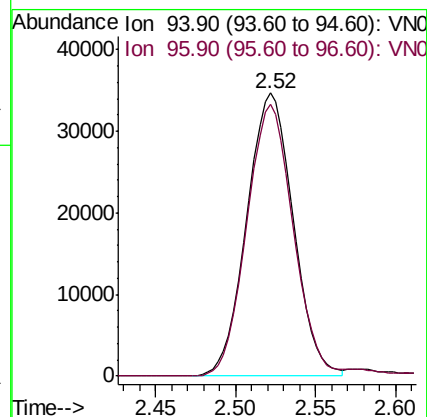
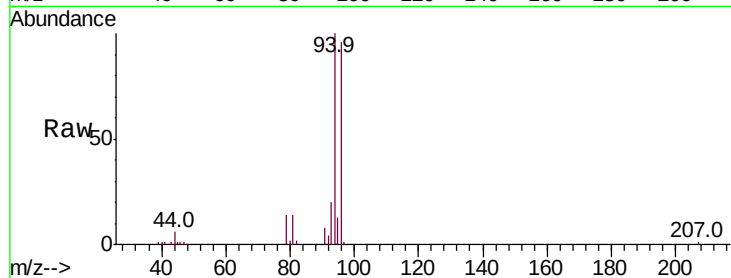
VSTDCCC050EC

Tot Ion: 94 Resp: 69107

Ion Ratio Lower Upper

94 100

96 96.0 75.4 113.0



#6

Chloroethane

Concen: 45.211 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064860.D

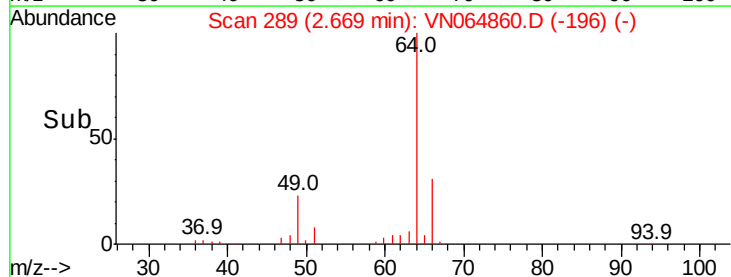
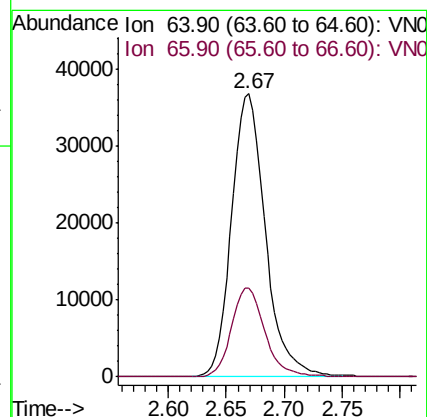
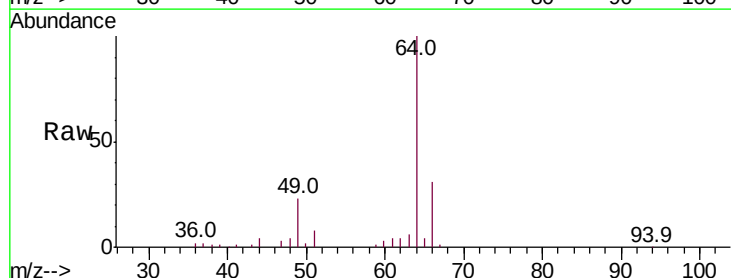
Acq: 25 Nov 2020 16:54

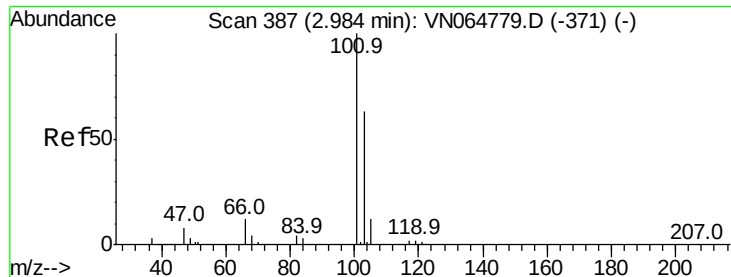
Tgt Ion: 64 Resp: 74663

Ion Ratio Lower Upper

64 100

66 31.4 25.6 38.4



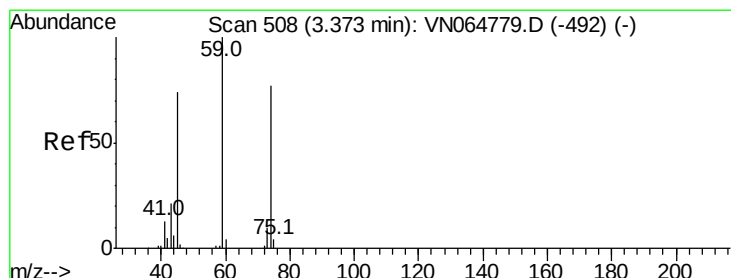
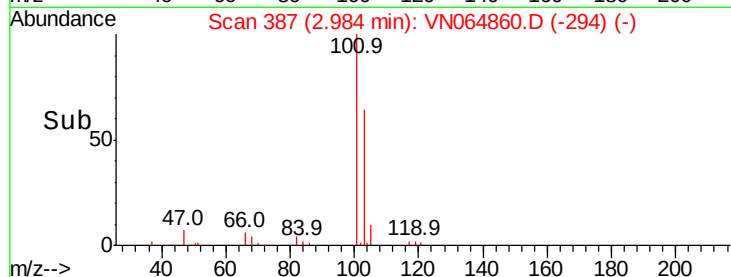
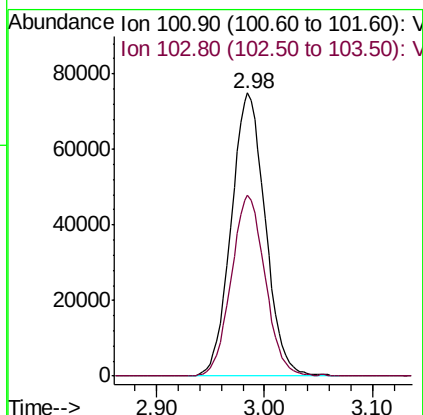
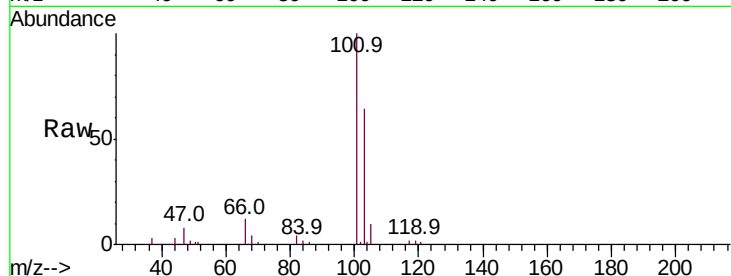


#7

Trichlorofluoromethane
 Concen: 44.623 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064860.D
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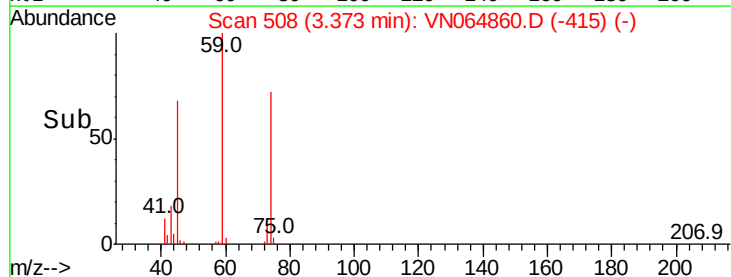
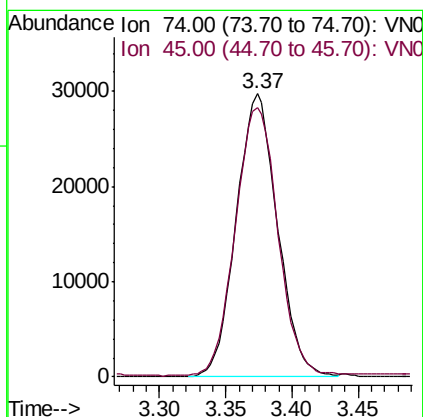
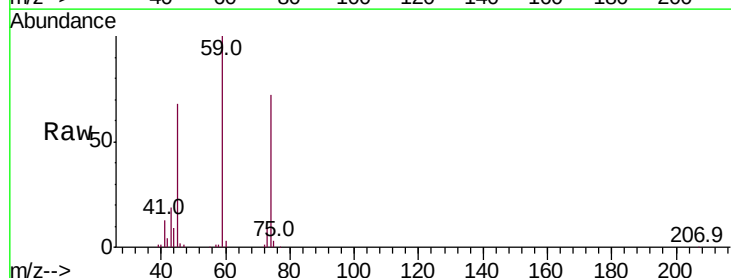
Tot Ion:101 Resp: 164696
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.5 75.7

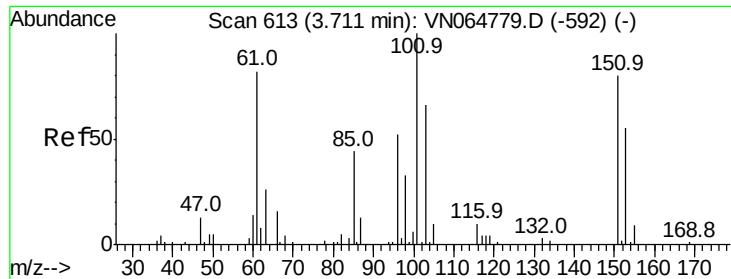


#8

Diethyl Ether
 Concen: 44.161 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion: 74 Resp: 64336
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.9 146.8

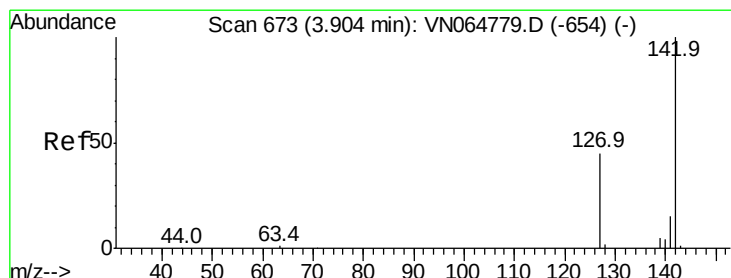
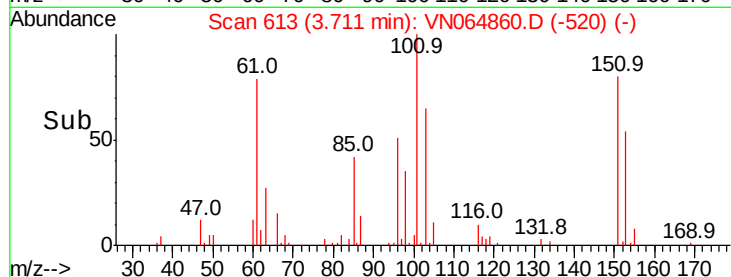
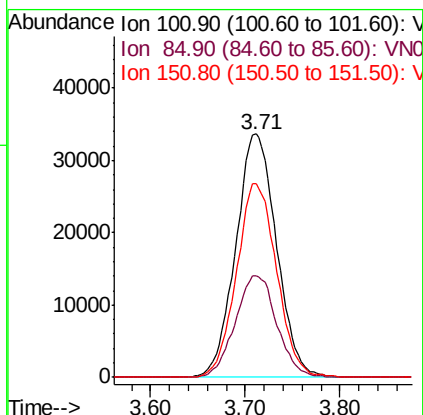
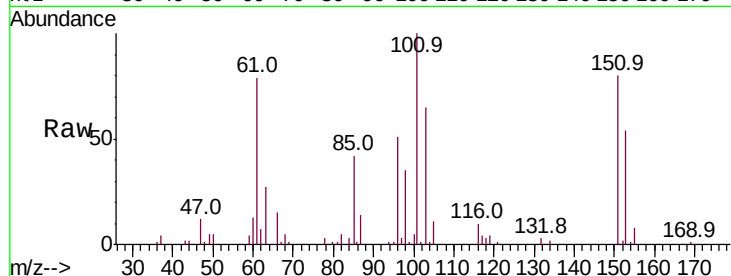




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.461 ug/l
 RT: 3.71 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

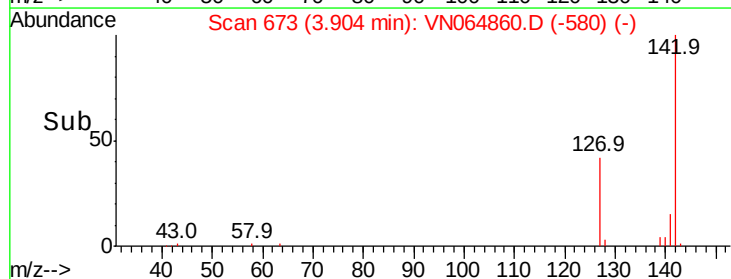
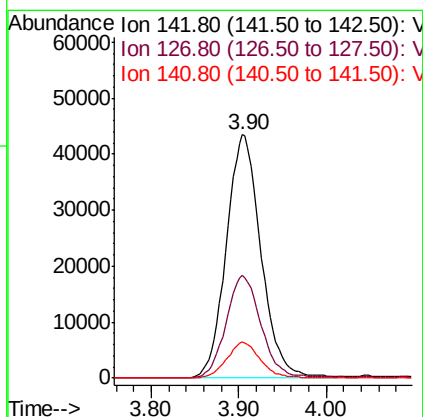
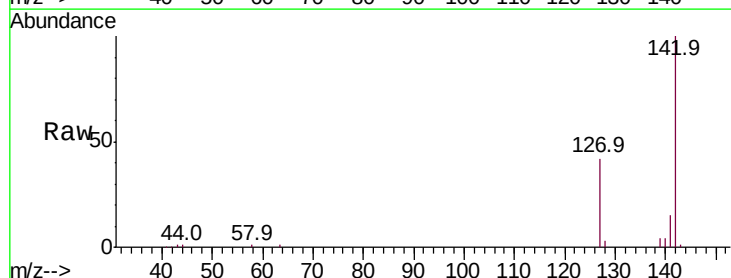
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

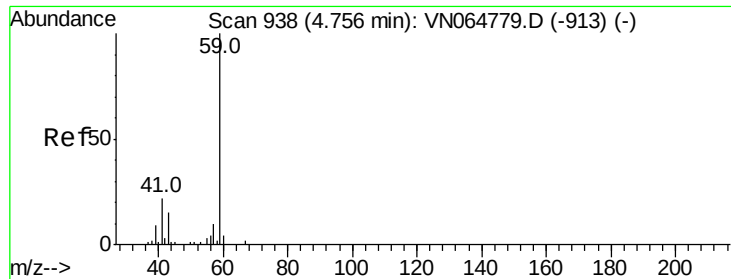
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.5	34.4	51.6
151	78.6	64.0	96.0



#10
 Methyl Iodide
 Concen: 41.673 ug/l
 RT: 3.90 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.4	35.0	52.6
141	14.3	11.8	17.6

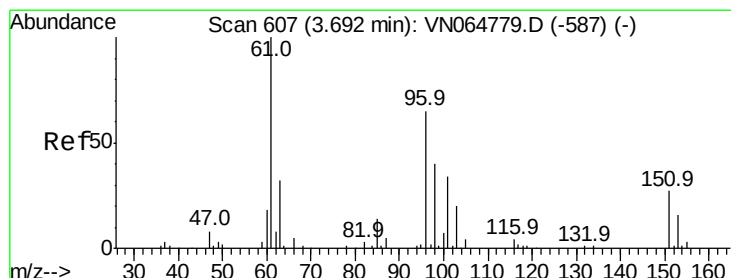
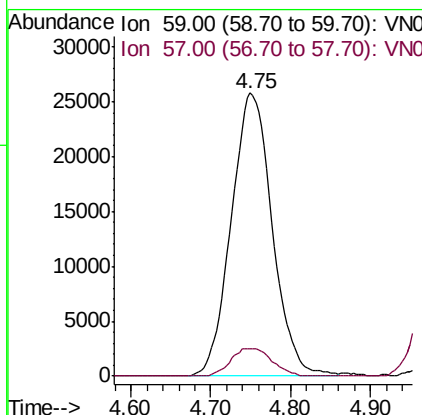
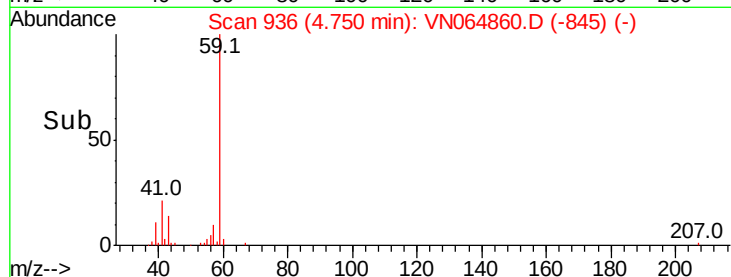
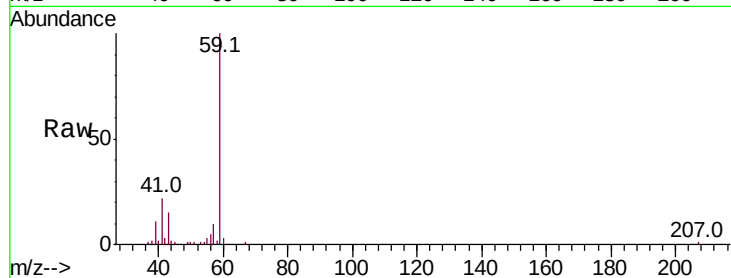




#11
Tert butyl alcohol
Concen: 218.175 ug/l
RT: 4.75 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

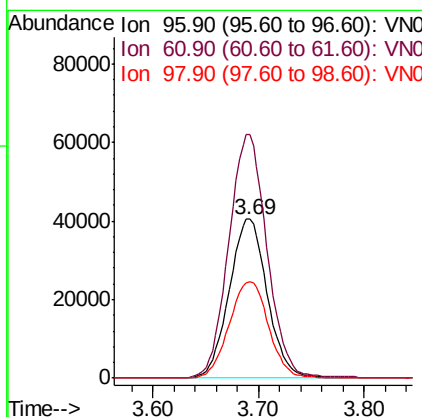
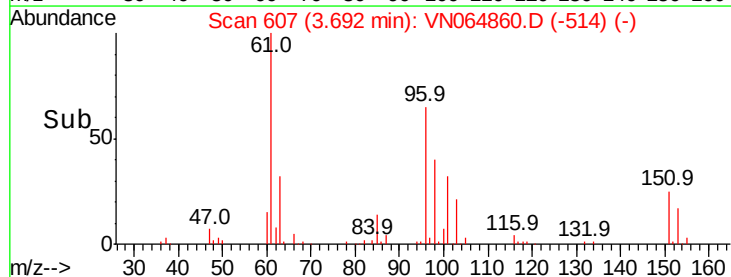
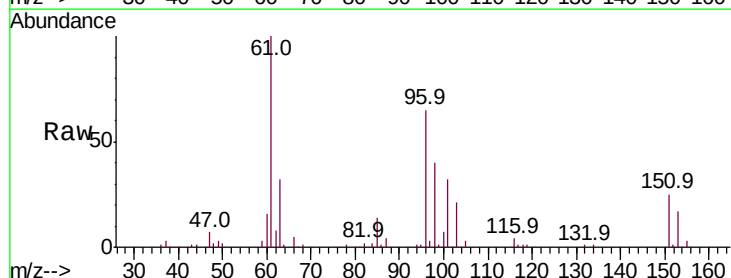
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

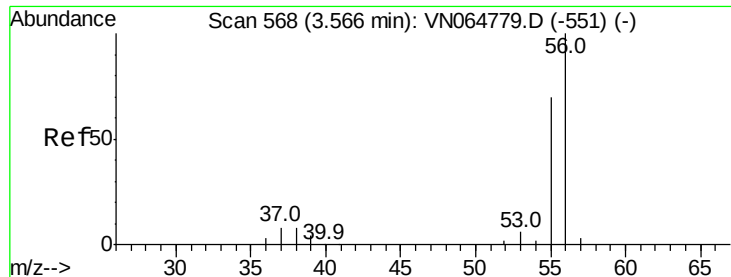
Tot Ion: 59 Resp: 89948
Ion Ratio Lower Upper
59 100
57 4.9 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 45.888 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 96 Resp: 101186
Ion Ratio Lower Upper
96 100
61 153.1 123.4 185.2
98 60.8 49.8 74.8





#13

Acrolein

Concen: 121.577 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

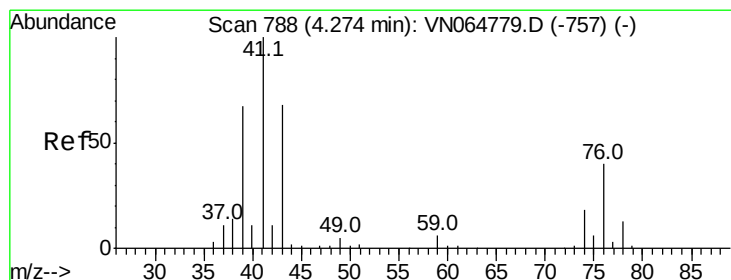
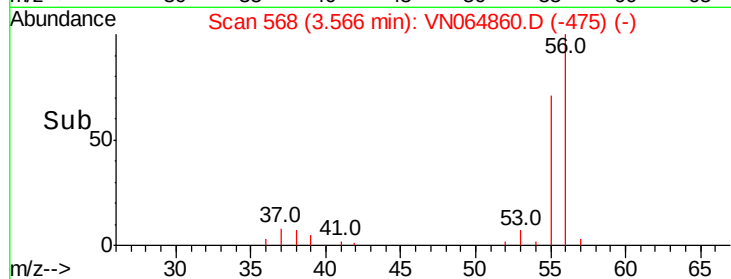
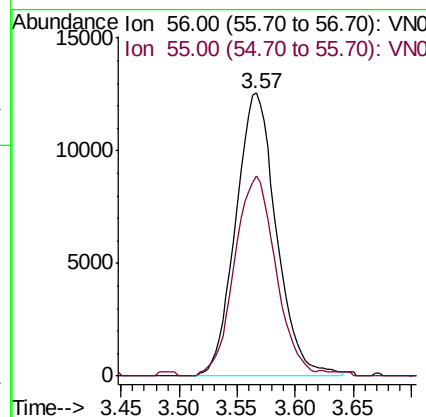
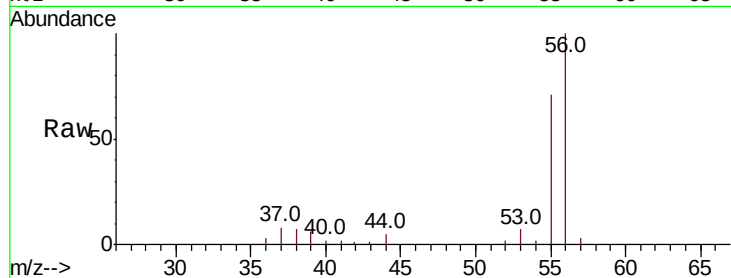
VSTDCCC050EC

Tot Ion: 56 Resp: 30616

Ion Ratio Lower Upper

56 100

55 71.6 56.5 84.7



#14

Allyl chloride

Concen: 45.696 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

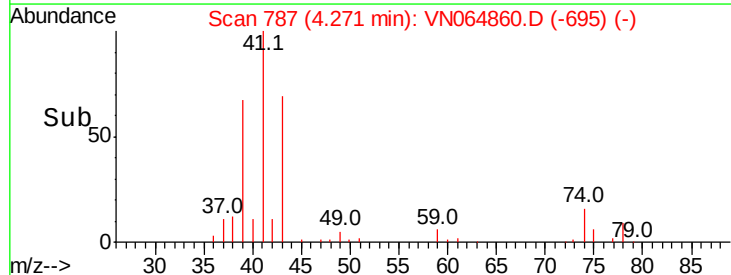
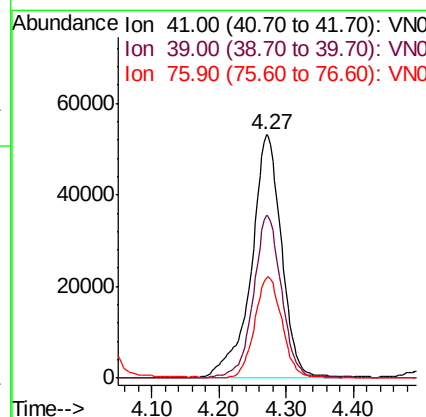
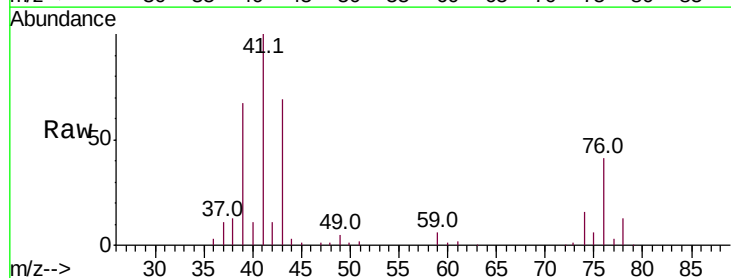
Tgt Ion: 41 Resp: 166189

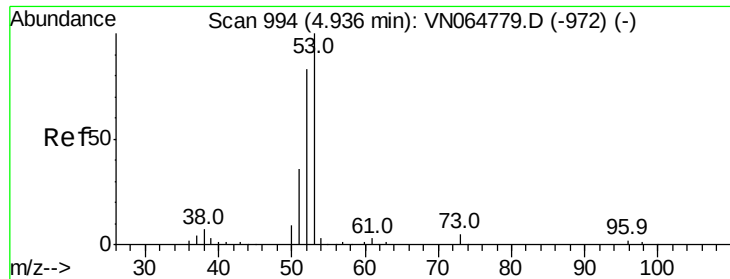
Ion Ratio Lower Upper

41 100

39 62.2 50.9 76.3

76 37.6 29.0 43.4





#15

Acrylonitrile

Concen: 233.070 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

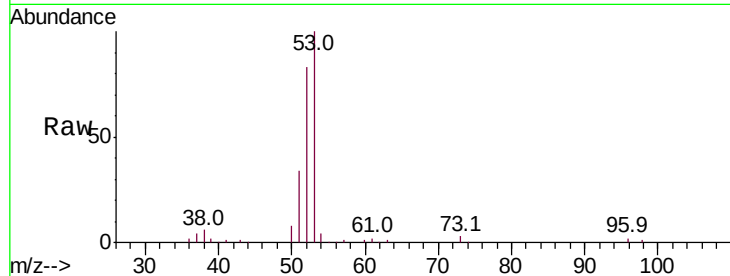
Tot Ion: 53 Resp: 265448

Ion Ratio Lower Upper

53 100

52 82.4 65.5 98.3

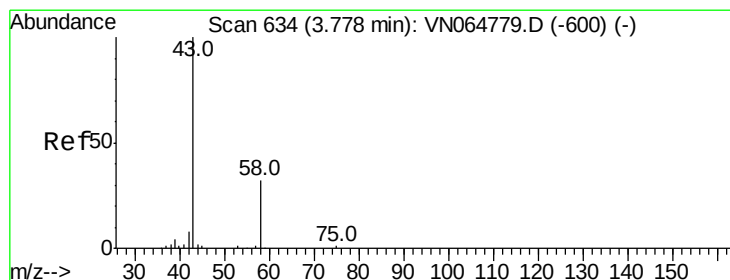
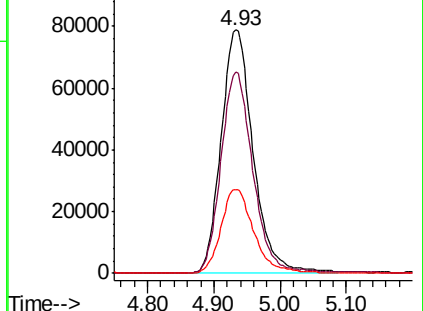
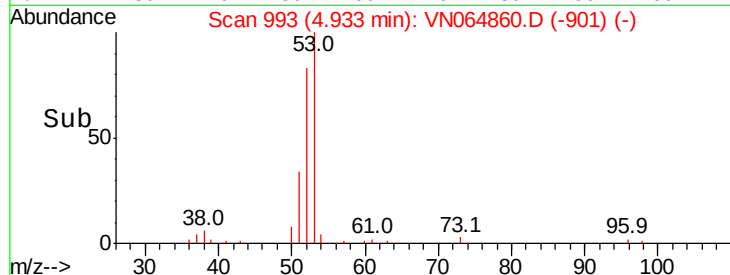
51 35.1 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 212.170 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064860.D

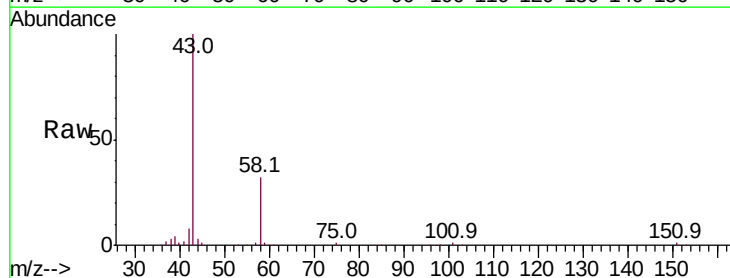
Acq: 25 Nov 2020 16:54

Tgt Ion: 43 Resp: 184381

Ion Ratio Lower Upper

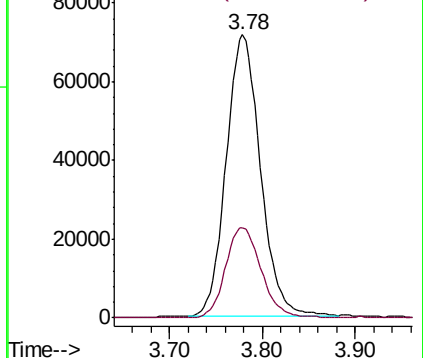
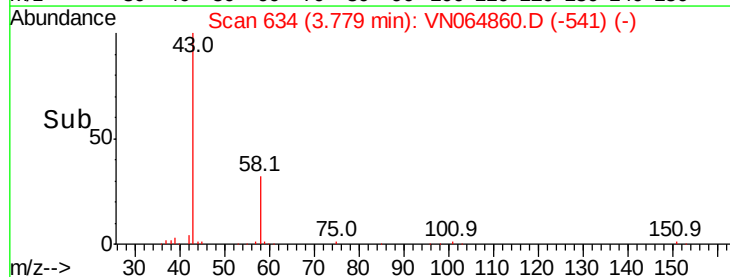
43 100

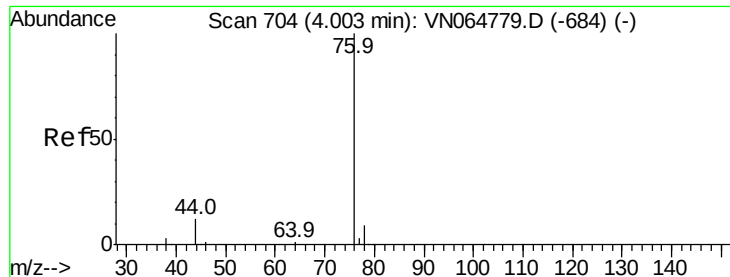
58 32.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)





#17

Carbon Disulfide

Concen: 44.605 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

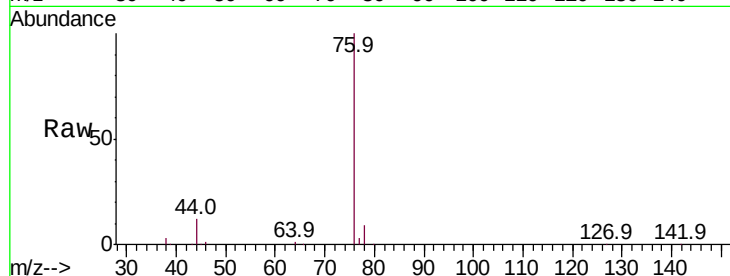
VSTDCCC050EC

Tot Ion: 76 Resp: 253950

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-684) (-)

4.00

100000

80000

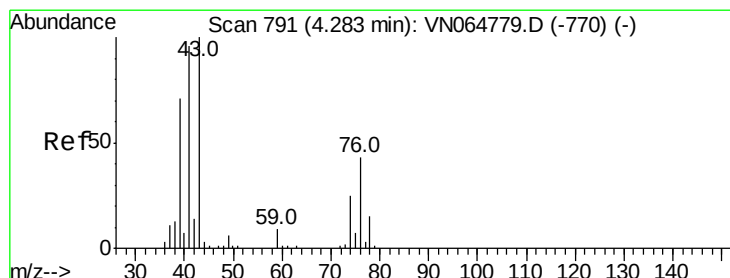
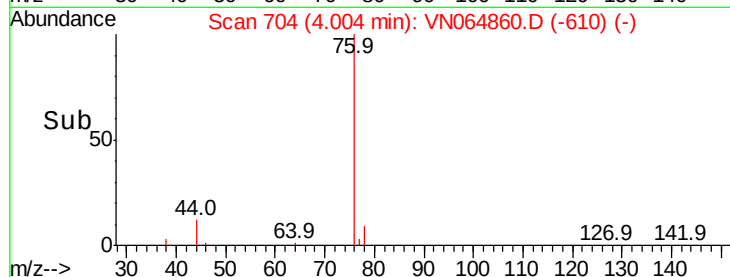
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.532 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064860.D

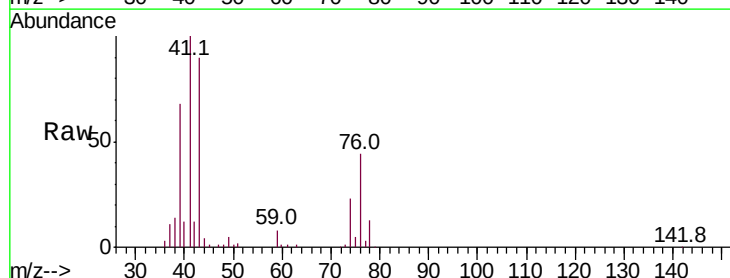
Acq: 25 Nov 2020 16:54

Tgt Ion: 43 Resp: 124190

Ion Ratio Lower Upper

43 100

74 24.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN064779.D (-770) (-)

4.28

50000

40000

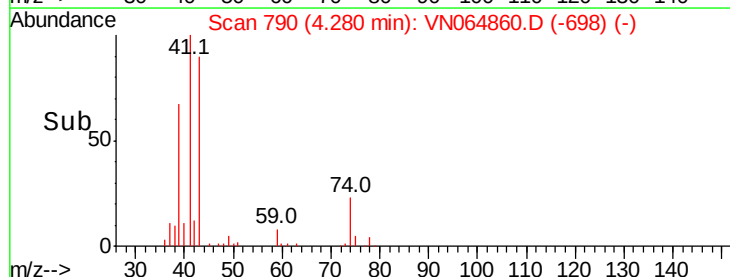
30000

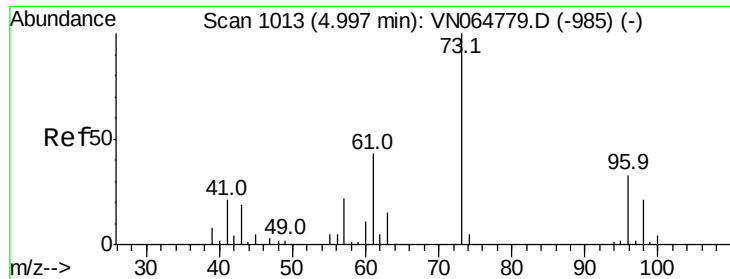
20000

10000

0

Time-->

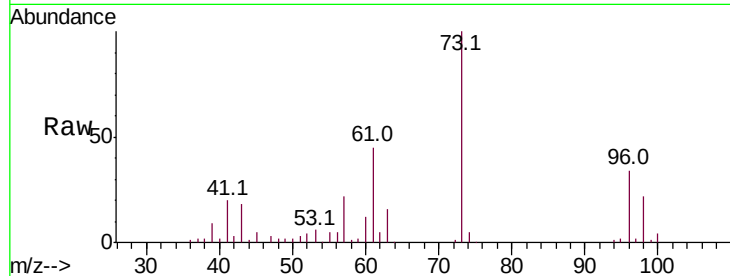




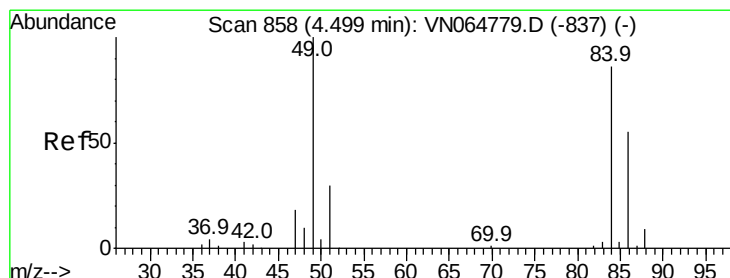
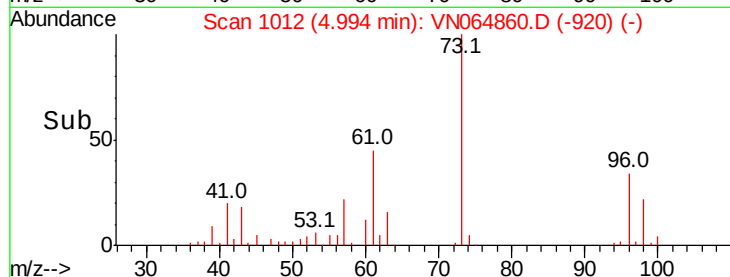
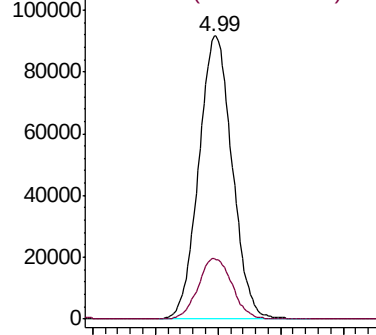
#19
Methyl tert-butyl Ether
Concen: 47.851 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 338403
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

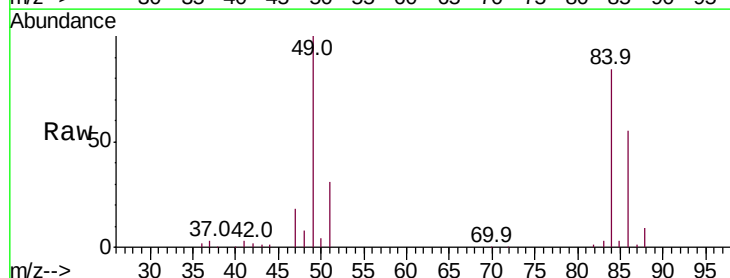


Abundance Ion 73.00 (72.70 to 73.70): VN064779.D (-985) (-)
Ion 57.00 (56.70 to 57.70): VN064779.D (-985) (-)

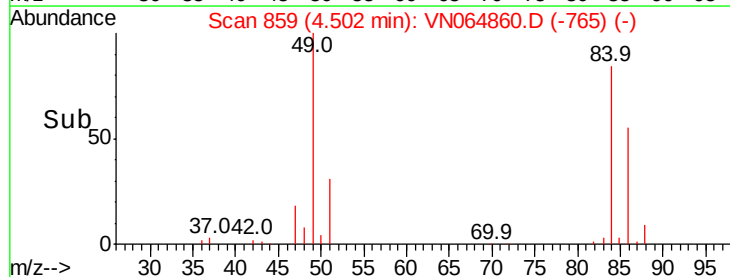
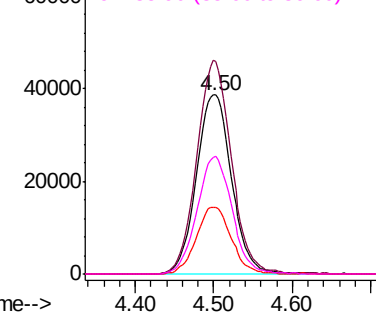


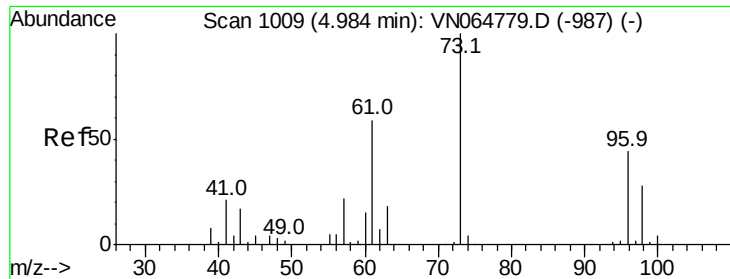
#20
Methylene Chloride
Concen: 44.112 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 84 Resp: 120122
Ion Ratio Lower Upper
84 100
49 118.6 93.4 140.0
51 36.9 28.2 42.4
86 65.6 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN064779.D (-837) (-)
Ion 48.90 (48.60 to 49.60): VN064779.D (-837) (-)
Ion 50.90 (50.60 to 51.60): VN064779.D (-837) (-)
Ion 85.90 (85.60 to 86.60): VN064779.D (-837) (-)





#21

trans-1,2-Dichloroethene

Concen: 44.494 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

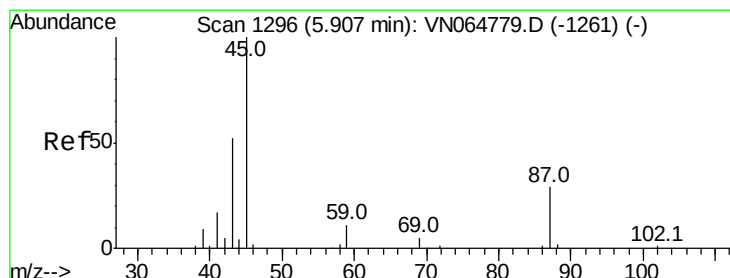
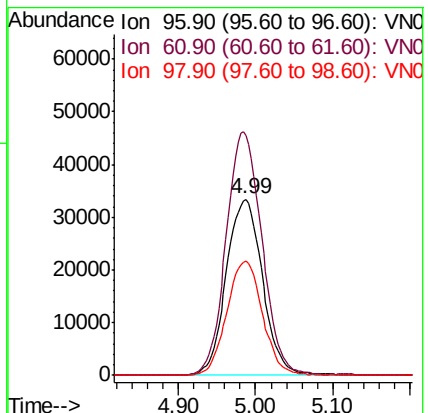
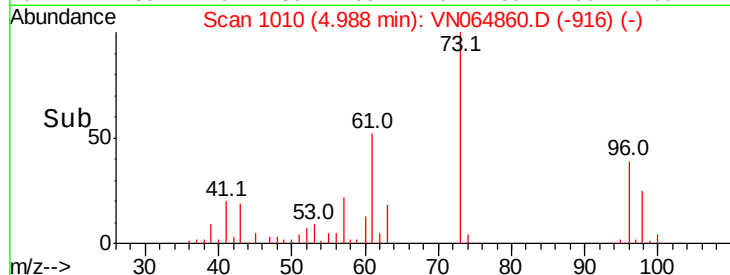
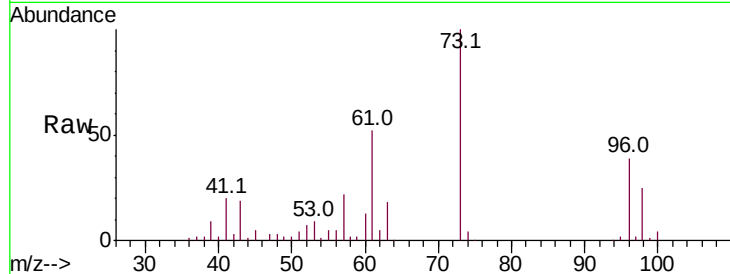
Tot Ion: 96 Resp: 108951

Ion Ratio Lower Upper

96 100

61 135.2 108.4 162.6

98 64.7 51.3 76.9



#22

Diisopropyl ether

Concen: 48.514 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Tgt Ion: 45 Resp: 353155

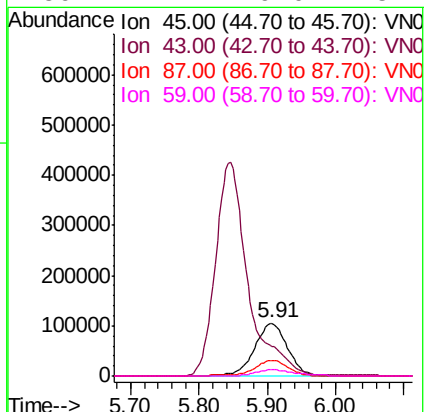
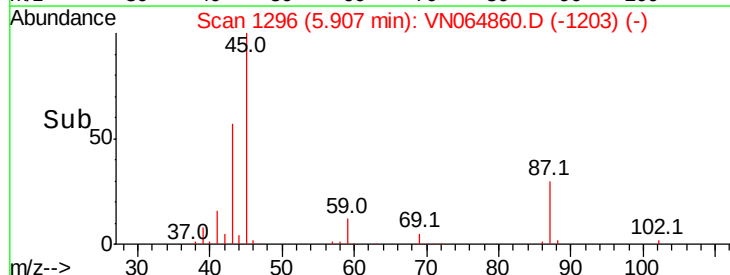
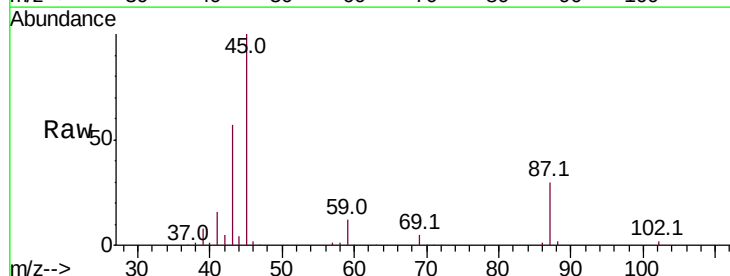
Ion Ratio Lower Upper

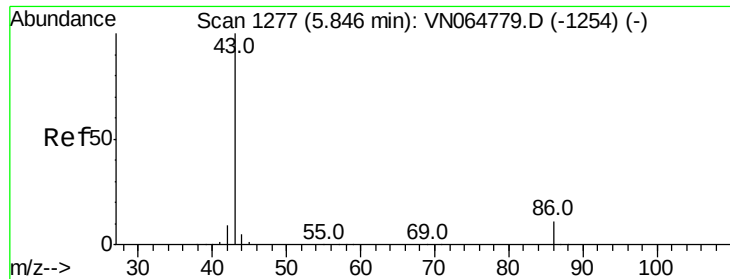
45 100

43 55.4 46.2 69.2

87 30.2 24.1 36.1

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 242.471 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

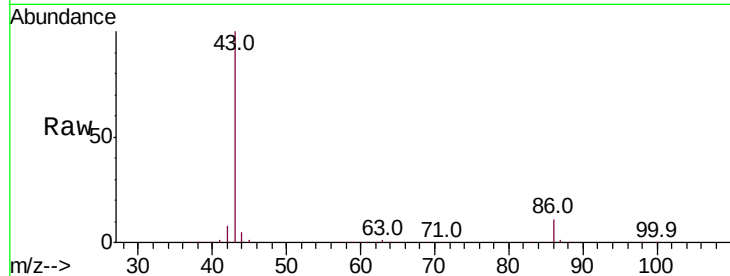
VSTDCCC050EC

Tot Ion: 43 Resp: 1411467

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



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

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

5.85

400000

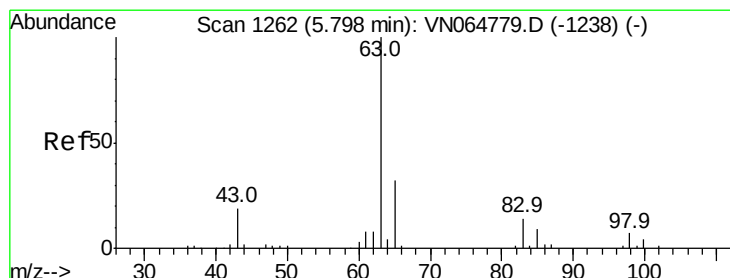
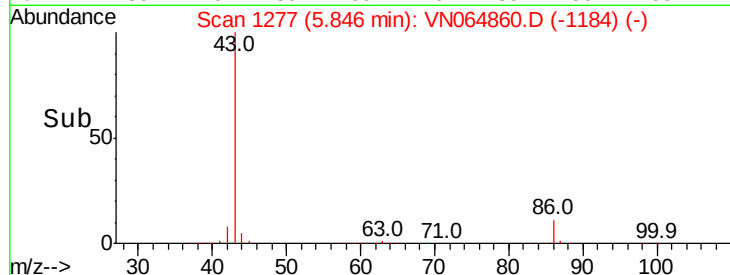
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.120 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

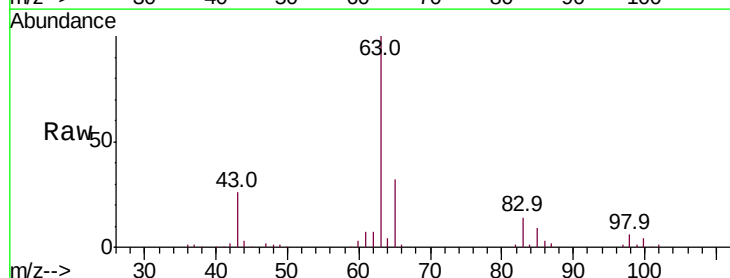
Tgt Ion: 63 Resp: 204994

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

100 4.0 2.3 6.8



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

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

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

5.80

80000

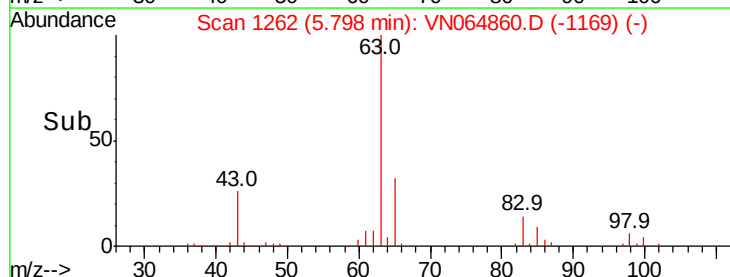
60000

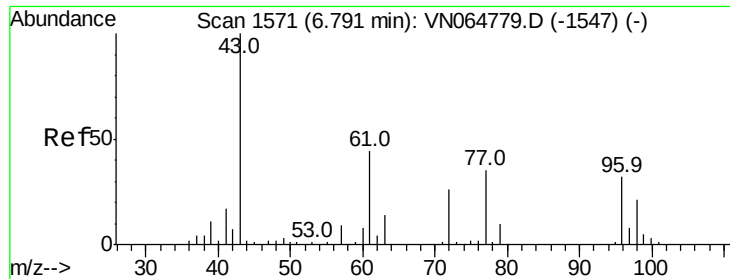
40000

20000

0

Time-->

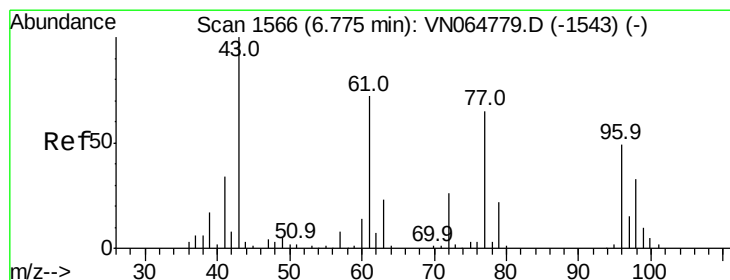
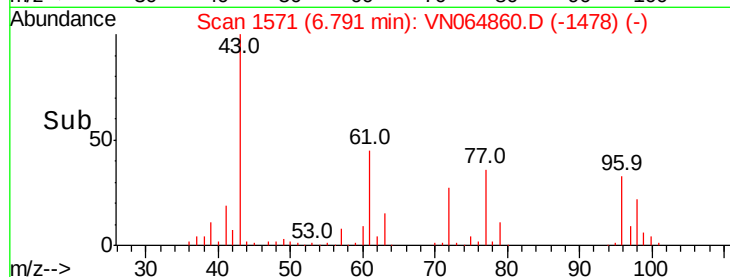
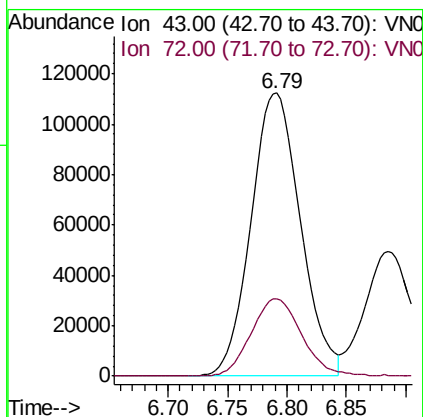
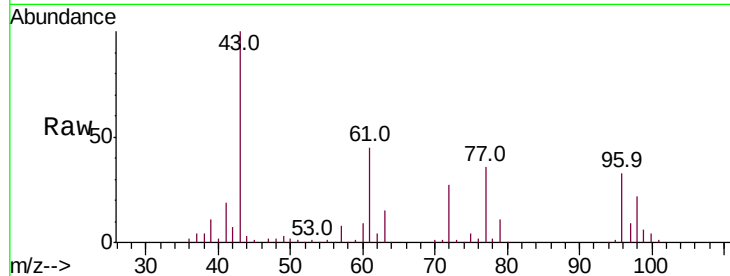




#25
2-Butanone
Concen: 230.025 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

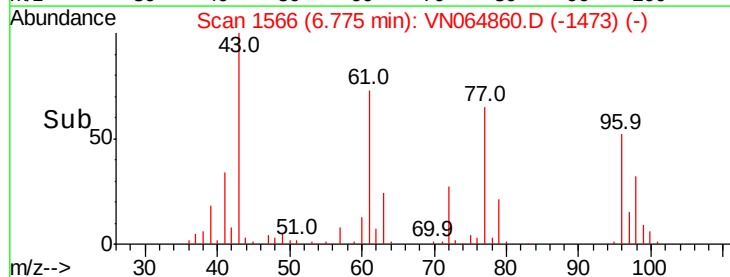
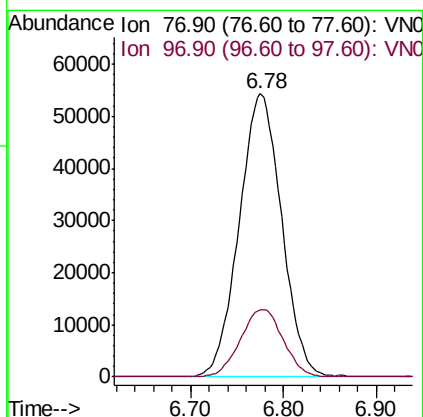
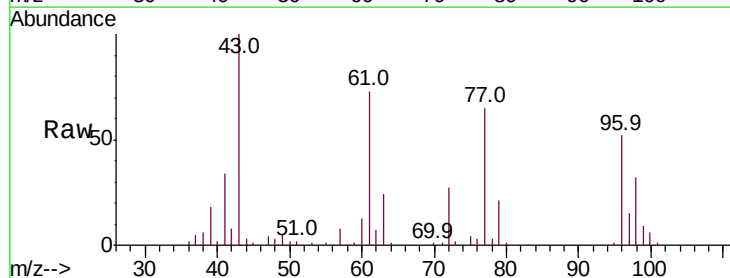
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

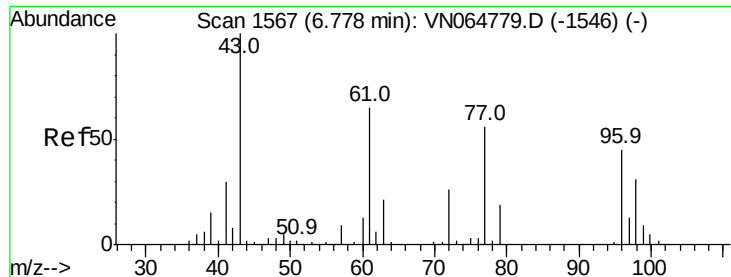
Tot Ion: 43 Resp: 324043
Ion Ratio Lower Upper
43 100
72 27.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 45.669 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 77 Resp: 172315
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 46.364 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

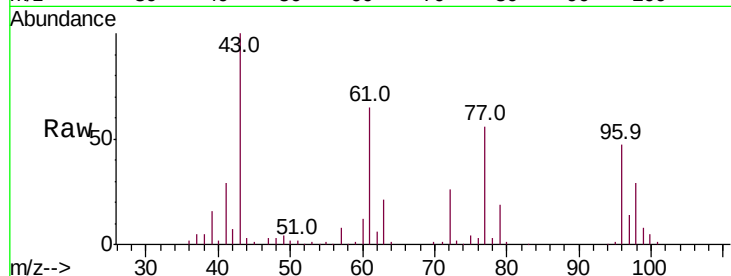
Tot Ion: 96 Resp: 127751

Ion Ratio Lower Upper

96 100

61 142.3 0.0 285.8

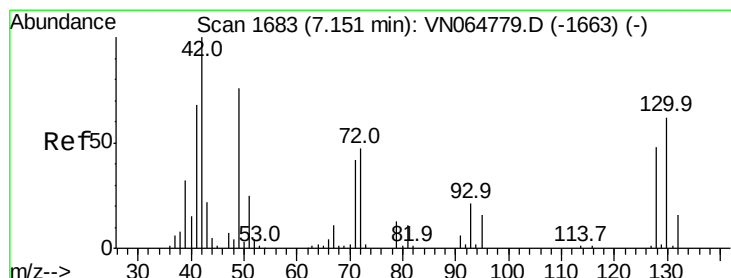
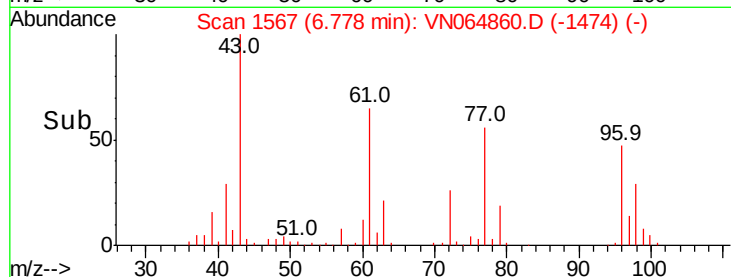
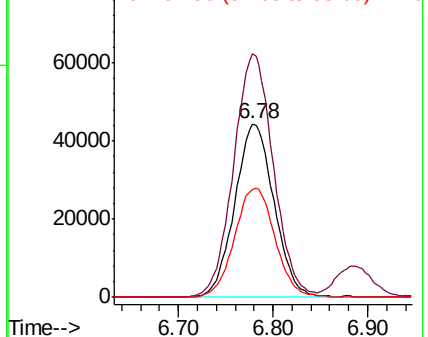
98 65.1 0.0 130.6



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



#28

Bromochloromethane

Concen: 49.260 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

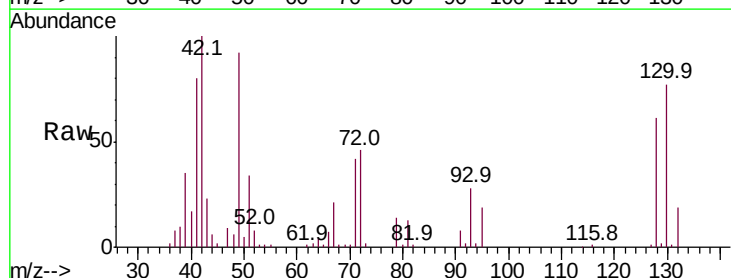
Tgt Ion: 49 Resp: 98037

Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

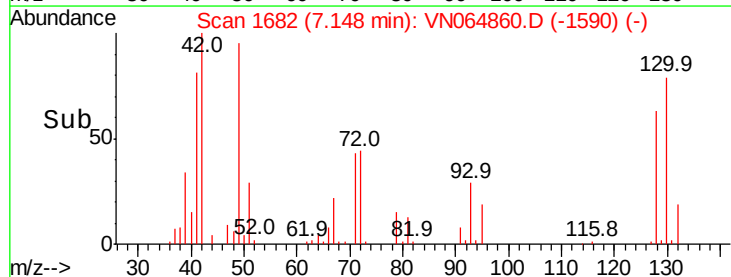
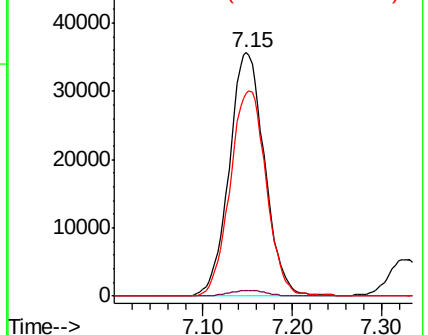
130 86.0 66.2 99.2

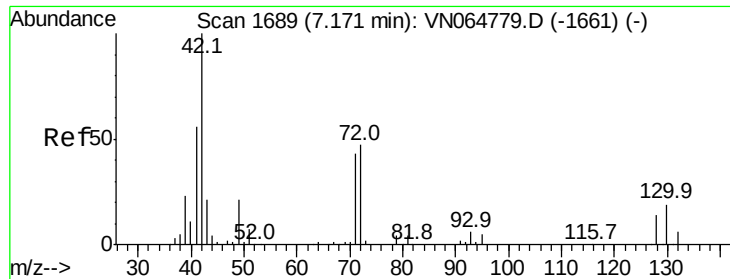


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

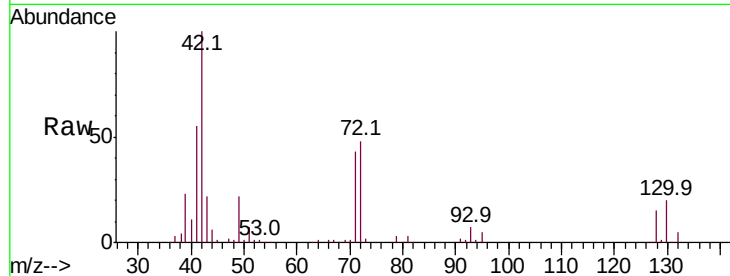




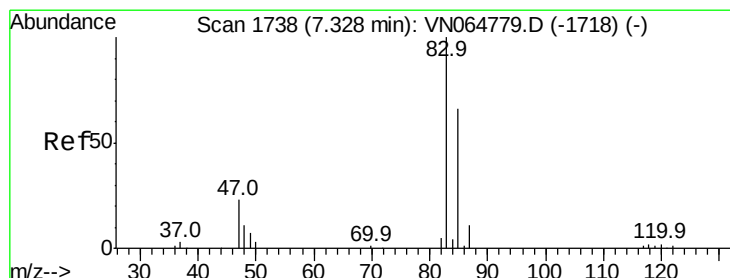
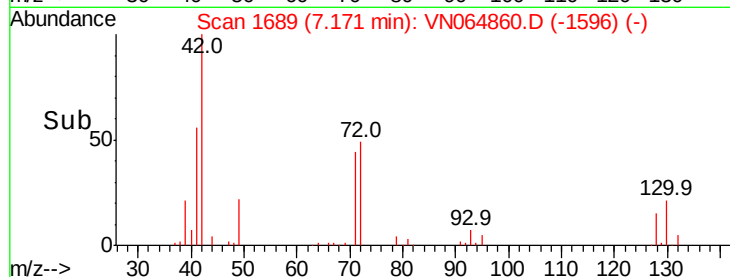
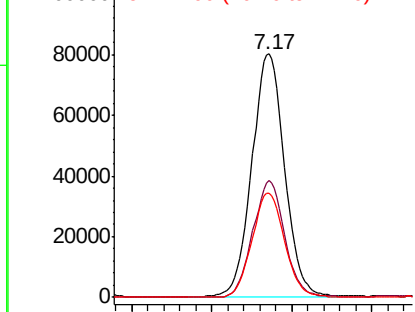
#29
Tetrahydrofuran
Concen: 231.979 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 225585
Ion Ratio Lower Upper
42 100
72 46.4 36.6 54.8
71 42.4 33.6 50.4

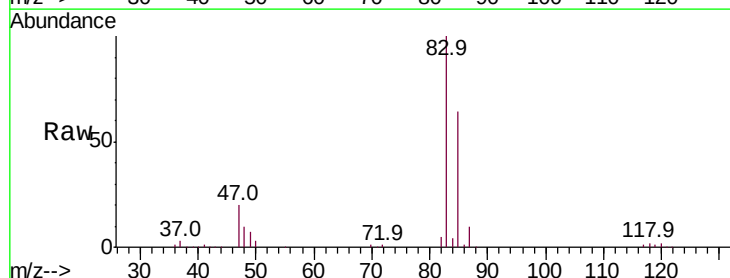


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

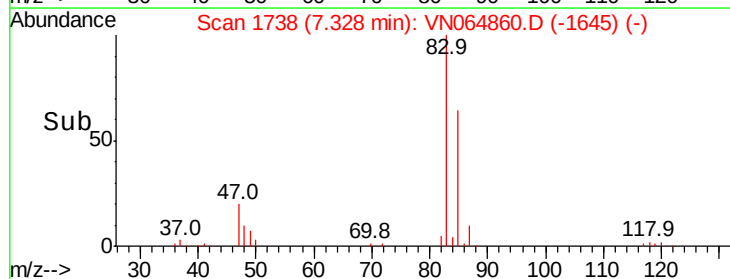
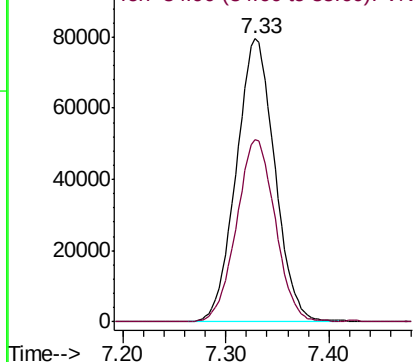


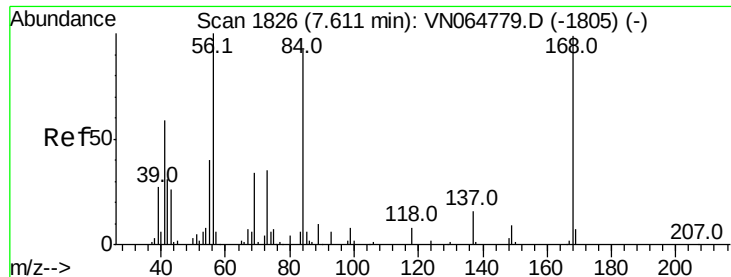
#30
Chloroform
Concen: 45.984 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 83 Resp: 206302
Ion Ratio Lower Upper
83 100
85 64.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

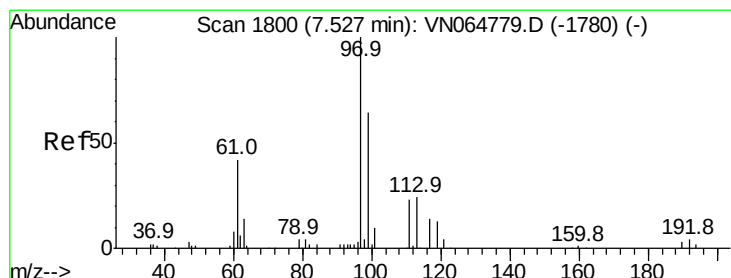
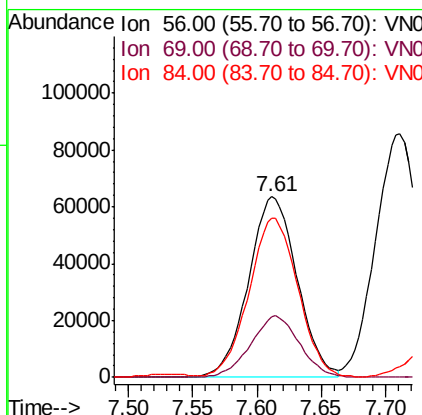
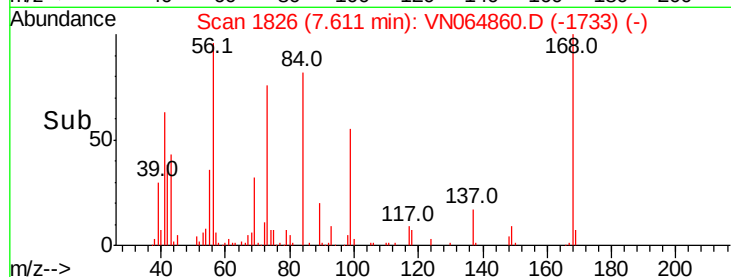
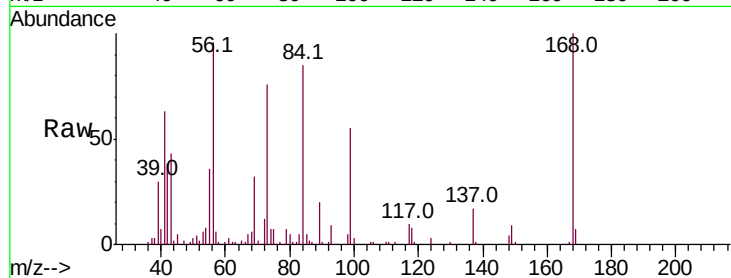




#31
Cyclohexane
Concen: 45.249 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

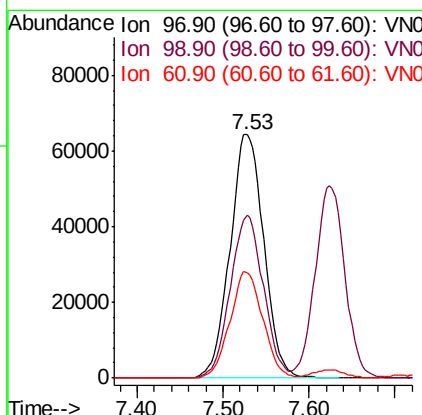
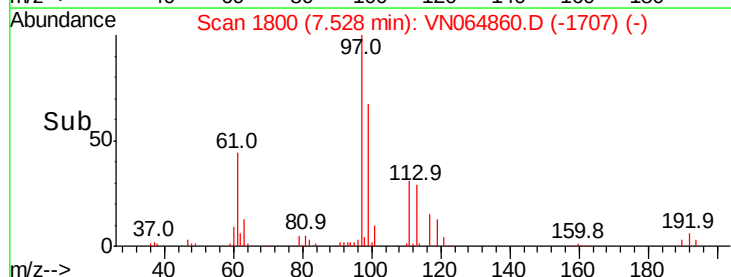
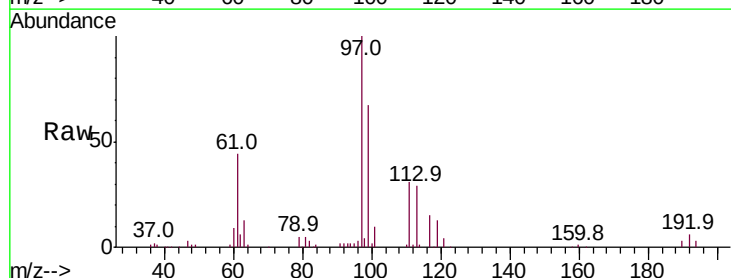
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

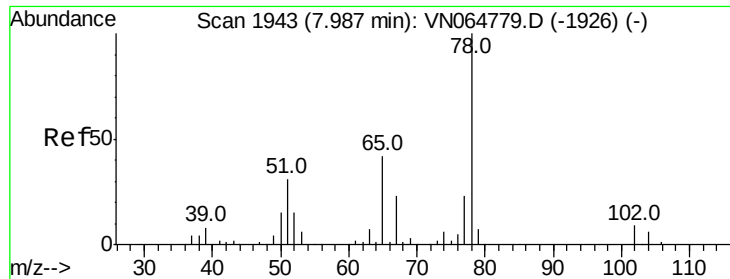
Tot Ion: 56 Resp: 166720
Ion Ratio Lower Upper
56 100
69 33.5 27.5 41.3
84 87.2 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 45.503 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 97 Resp: 175334
Ion Ratio Lower Upper
97 100
99 65.6 51.7 77.5
61 42.5 33.9 50.9

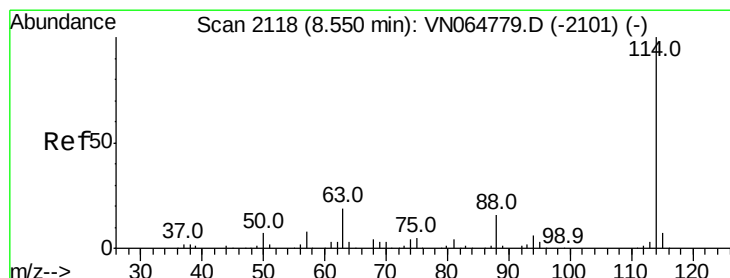
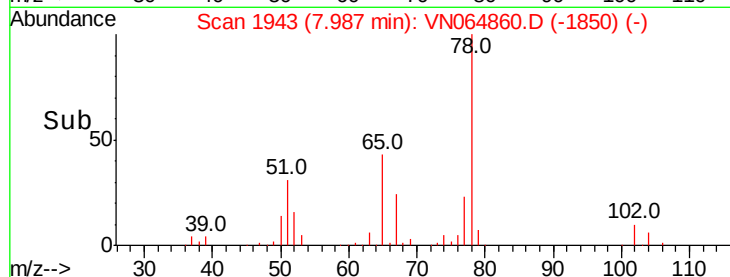
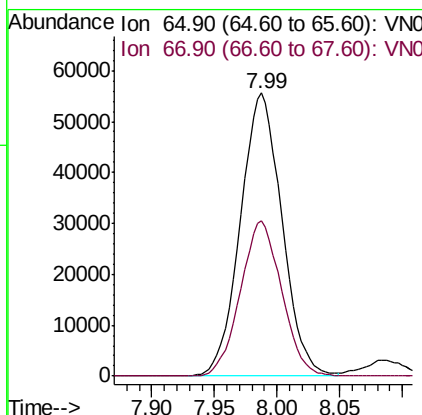
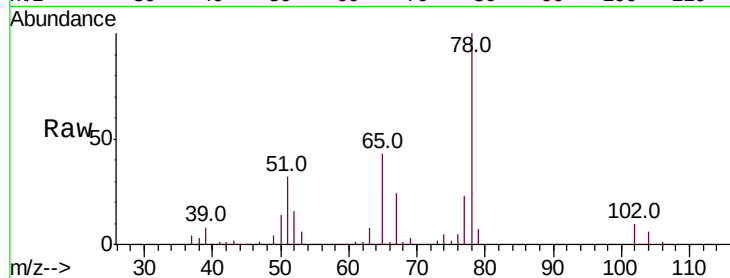




#33
 1,2-Dichloroethane-d4
 Concen: 48.551 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

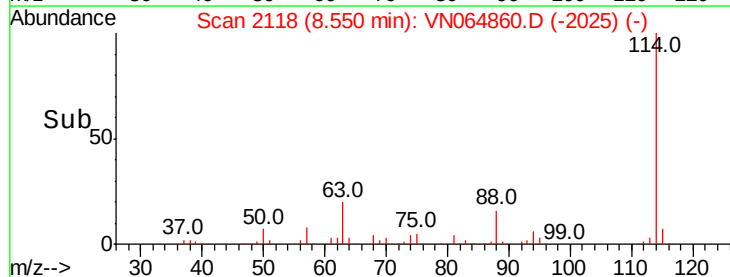
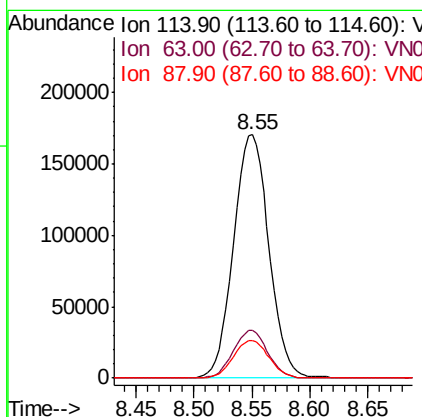
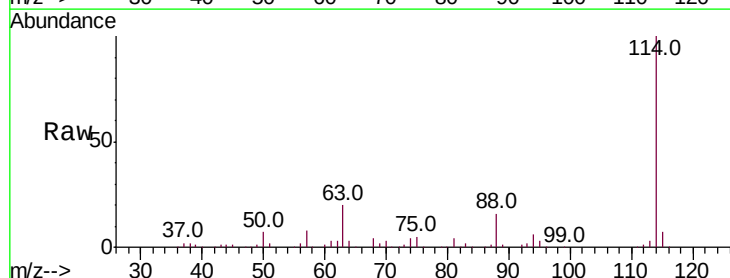
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

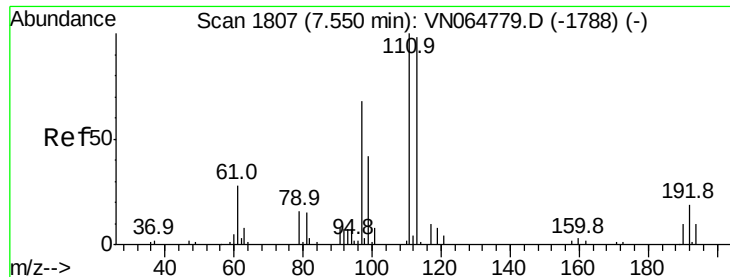
Tot Ion: 65 Resp: 128348
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion: 114 Resp: 360429
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.5 0.0 32.6

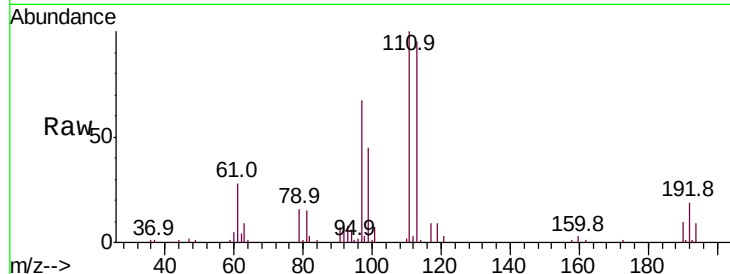




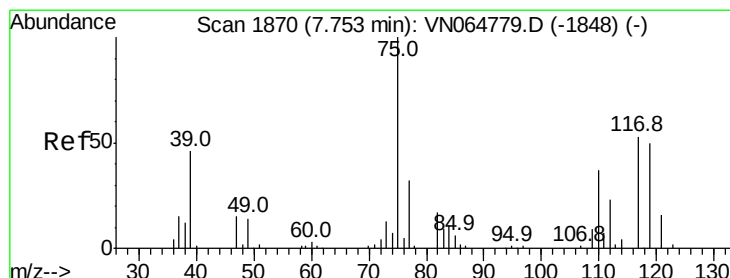
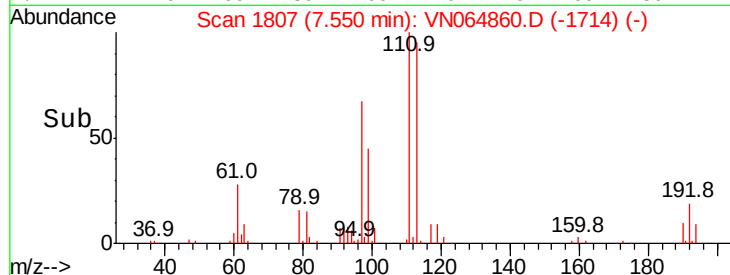
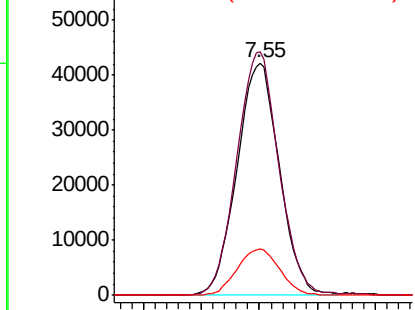
#35
 Dibromofluoromethane
 Concen: 49.668 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 107118
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.6 122.4
 192 20.0 16.2 24.2

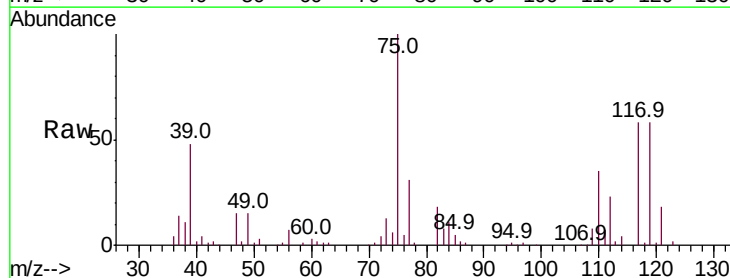


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

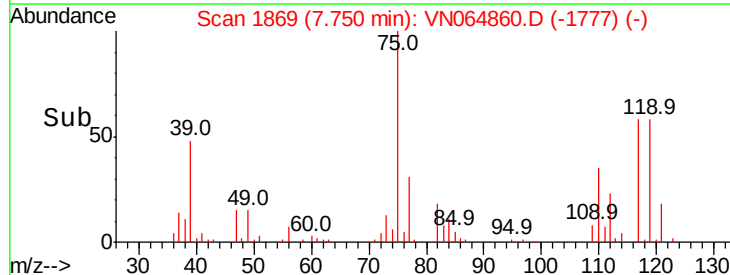
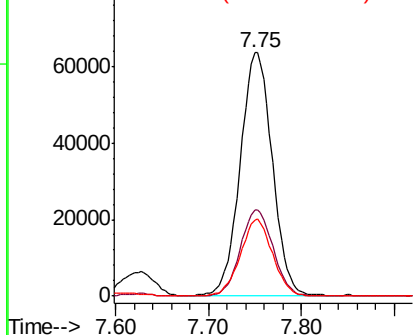


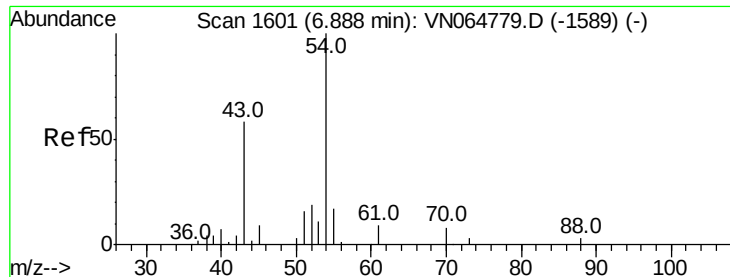
#36
 1,1-Dichloropropene
 Concen: 45.952 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion: 75 Resp: 153516
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.8 53.3
 77 31.6 25.0 37.4



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

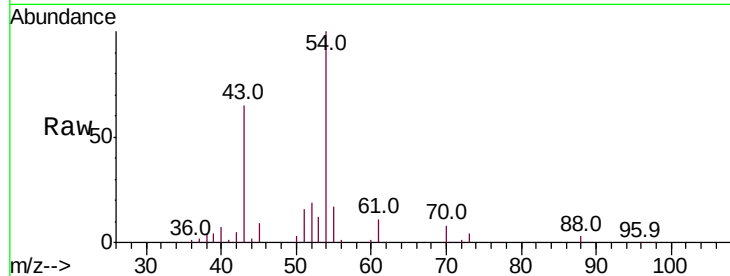




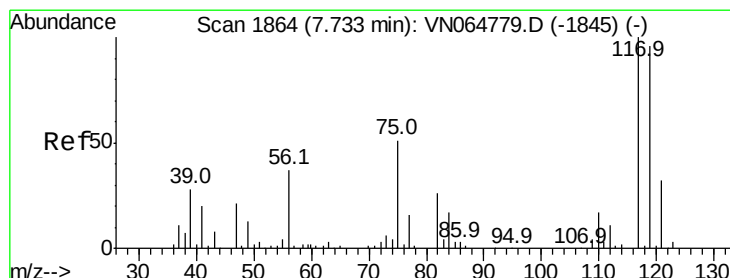
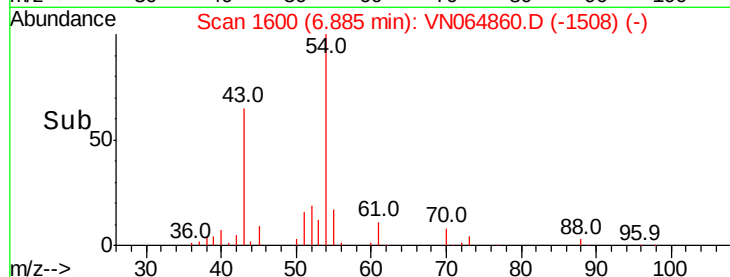
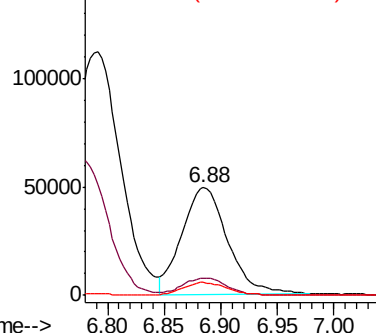
#37
Ethyl Acetate
Concen: 42.920 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 138122
Ion Ratio Lower Upper
43 100
61 16.5 12.8 19.2
70 11.7 8.8 13.2

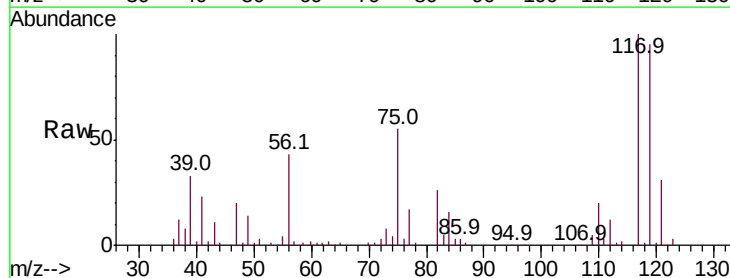


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

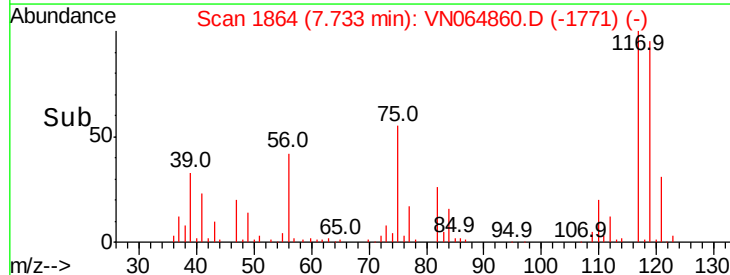
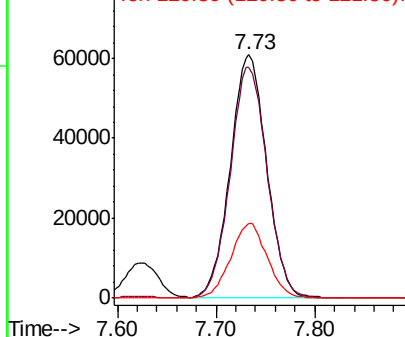


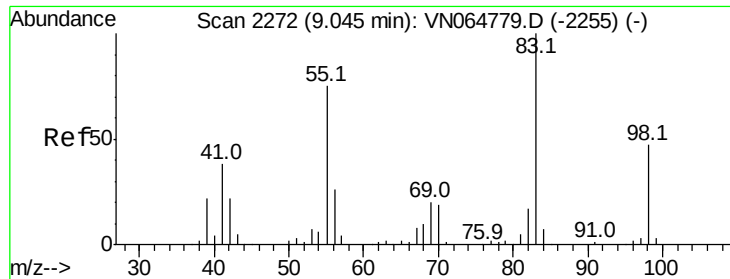
#38
Carbon Tetrachloride
Concen: 45.020 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 117 Resp: 156496
Ion Ratio Lower Upper
117 100
119 94.8 76.7 115.1
121 30.7 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

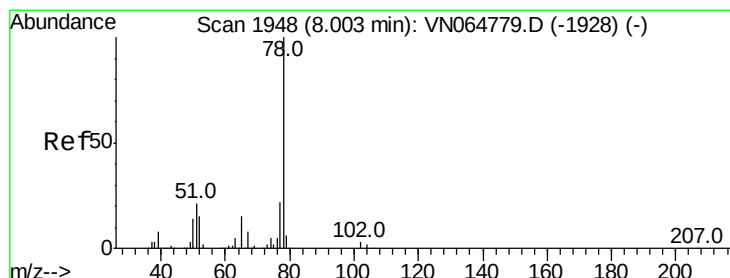
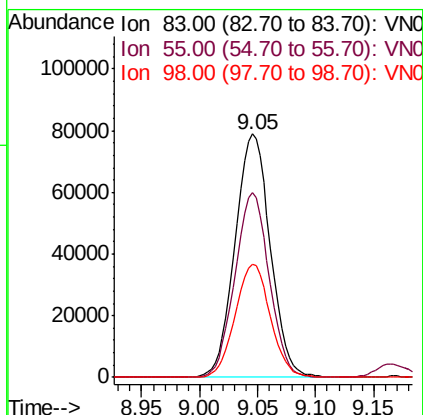
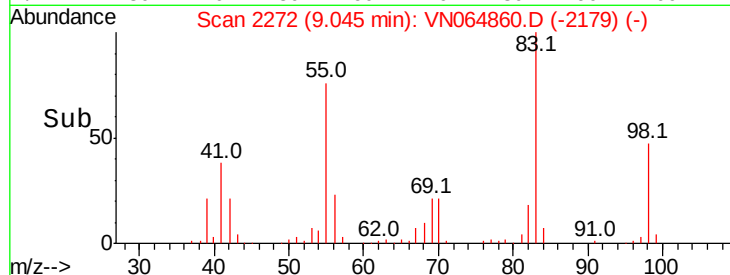
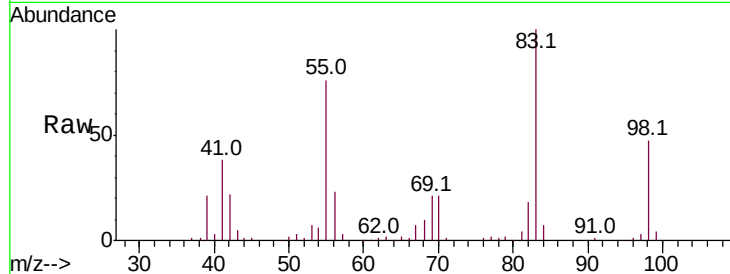




#39
Methvlcvclohexane
Concen: 46.234 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

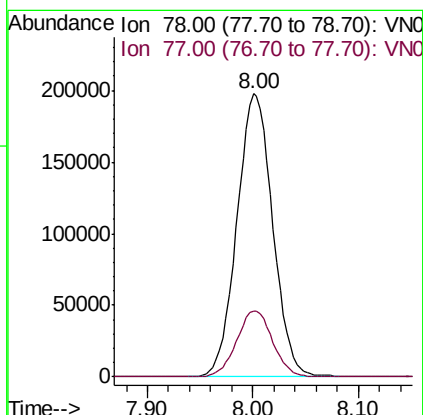
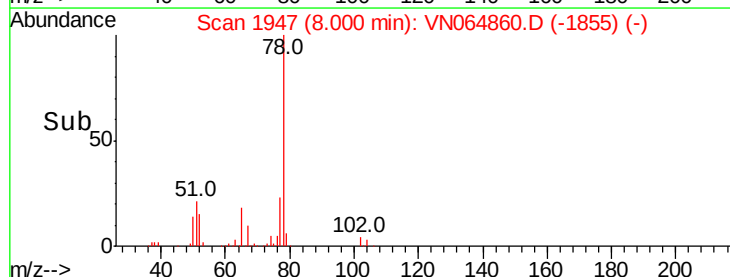
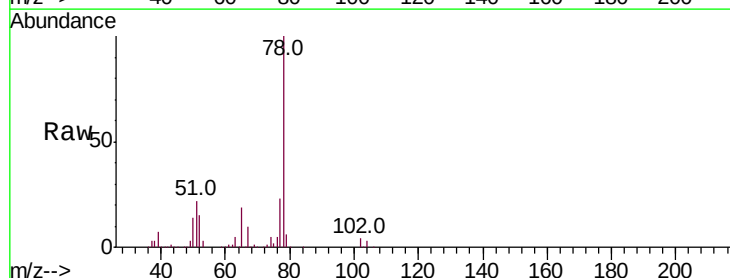
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

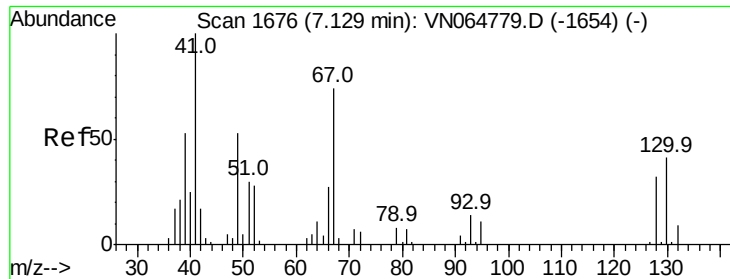
Tot Ion: 83 Resp: 166277
Ion Ratio Lower Upper
83 100
55 76.0 60.2 90.2
98 46.7 37.4 56.2



#40
Benzene
Concen: 45.482 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 78 Resp: 465620
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9





#41

Methacrylonitrile

Concen: 44.406 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 65938

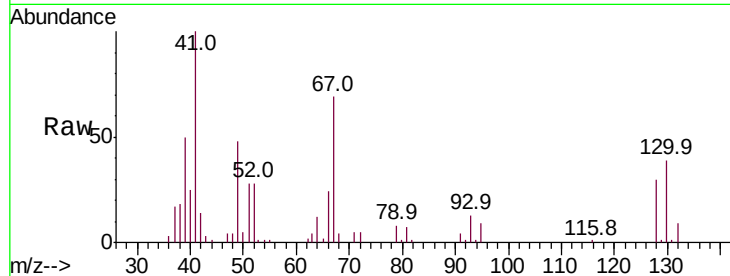
Ion Ratio Lower Upper

41 100

39 64.5 51.0 76.6

67 93.1 79.8 119.8

52 35.8 31.5 47.3

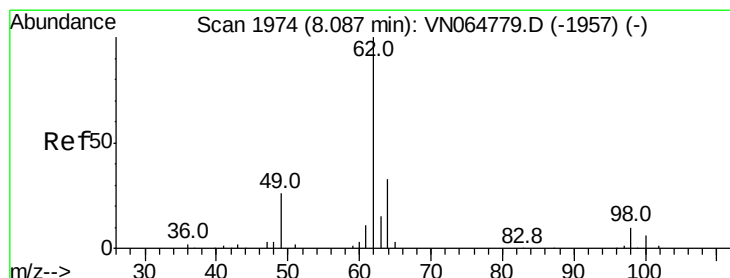
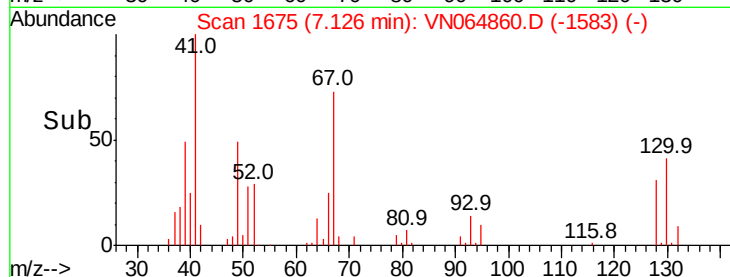
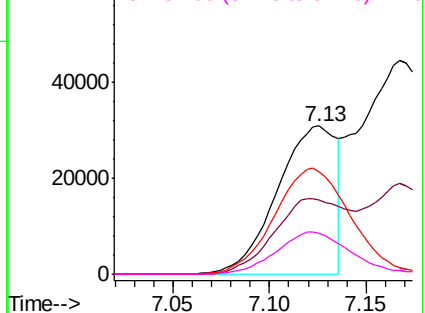


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-1654) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-1654) (-)

Ion 67.00 (66.70 to 67.70): VN064779.D (-1654) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-1654) (-)



#42

1,2-Dichloroethane

Concen: 44.618 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VN064860.D

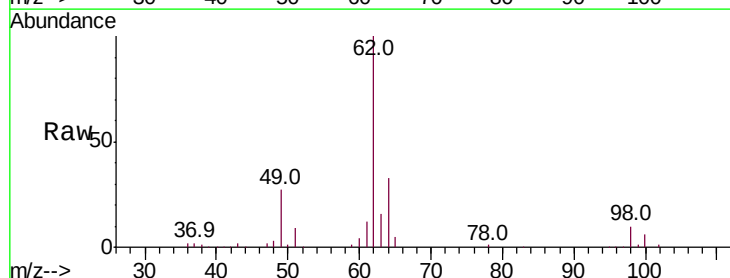
Acq: 25 Nov 2020 16:54

Tgt Ion: 62 Resp: 154090

Ion Ratio Lower Upper

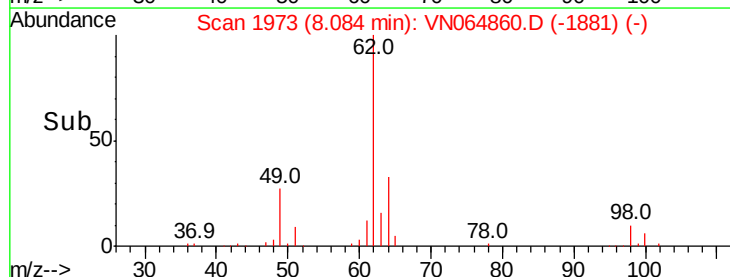
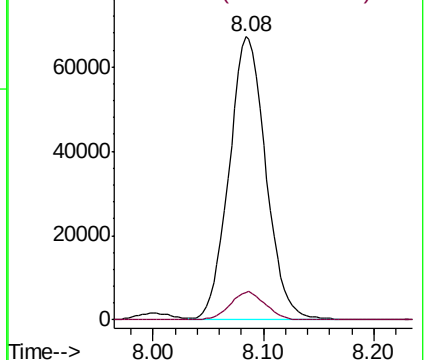
62 100

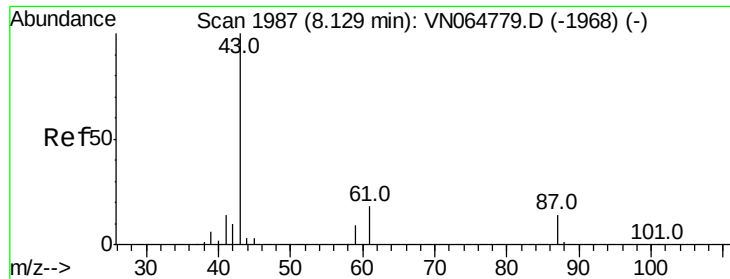
98 9.6 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN064779.D (-1957) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1957) (-)





#43

Isopropyl Acetate

Concen: 45.945 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

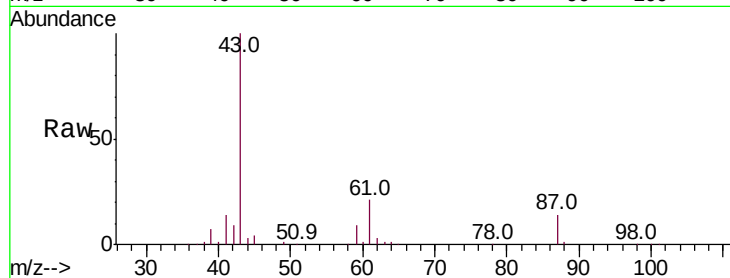
Tot Ion: 43 Resp: 237919

Ion Ratio Lower Upper

43 100

61 21.8 17.2 25.8

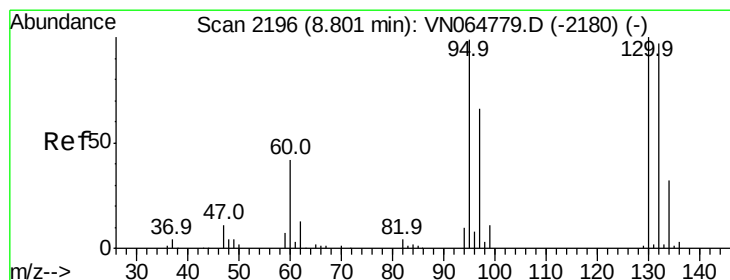
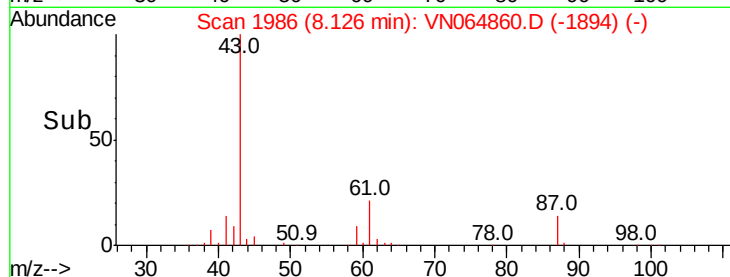
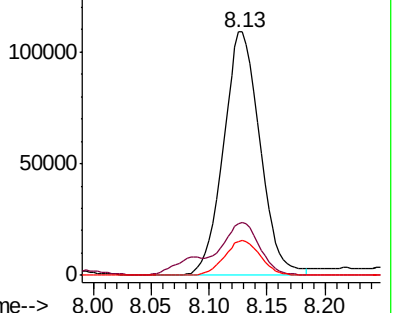
87 14.1 11.4 17.0



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: 49.052 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064860.D

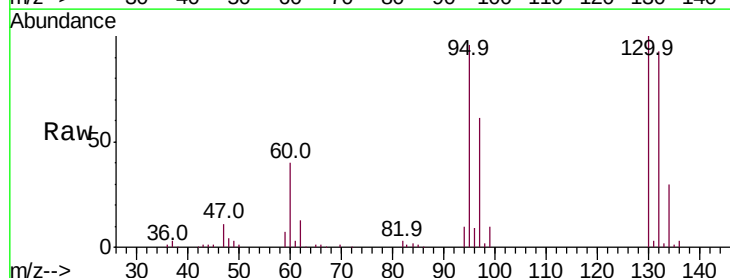
Acq: 25 Nov 2020 16:54

Tgt Ion:130 Resp: 148165

Ion Ratio Lower Upper

130 100

95 95.5 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) (-)

Ion 130.90 (130.60 to 131.20): VN064779.D (-2180) (-)

Ion 130.00 (129.70 to 130.30): VN064779.D (-2180) (-)

Ion 131.00 (130.70 to 131.30): VN064779.D (-2180) (-)

Ion 132.00 (131.70 to 132.30): VN064779.D (-2180) (-)

Ion 133.00 (132.70 to 133.30): VN064779.D (-2180) (-)

Ion 134.00 (133.70 to 134.30): VN064779.D (-2180) (-)

Ion 135.00 (134.70 to 135.30): VN064779.D (-2180) (-)

Ion 136.00 (135.70 to 136.30): VN064779.D (-2180) (-)

Ion 137.00 (136.70 to 137.30): VN064779.D (-2180) (-)

Ion 138.00 (137.70 to 138.30): VN064779.D (-2180) (-)

Ion 139.00 (138.70 to 139.30): VN064779.D (-2180) (-)

Ion 140.00 (139.70 to 140.30): VN064779.D (-2180) (-)

Ion 141.00 (140.70 to 141.30): VN064779.D (-2180) (-)

Ion 142.00 (141.70 to 142.30): VN064779.D (-2180) (-)

Ion 143.00 (142.70 to 143.30): VN064779.D (-2180) (-)

Ion 144.00 (143.70 to 144.30): VN064779.D (-2180) (-)

Ion 145.00 (144.70 to 145.30): VN064779.D (-2180) (-)

Ion 146.00 (145.70 to 146.30): VN064779.D (-2180) (-)

Ion 147.00 (146.70 to 147.30): VN064779.D (-2180) (-)

Ion 148.00 (147.70 to 148.30): VN064779.D (-2180) (-)

Ion 149.00 (148.70 to 149.30): VN064779.D (-2180) (-)

Ion 150.00 (149.70 to 150.30): VN064779.D (-2180) (-)

Ion 151.00 (150.70 to 151.30): VN064779.D (-2180) (-)

Ion 152.00 (151.70 to 152.30): VN064779.D (-2180) (-)

Ion 153.00 (152.70 to 153.30): VN064779.D (-2180) (-)

Ion 154.00 (153.70 to 154.30): VN064779.D (-2180) (-)

Ion 155.00 (154.70 to 155.30): VN064779.D (-2180) (-)

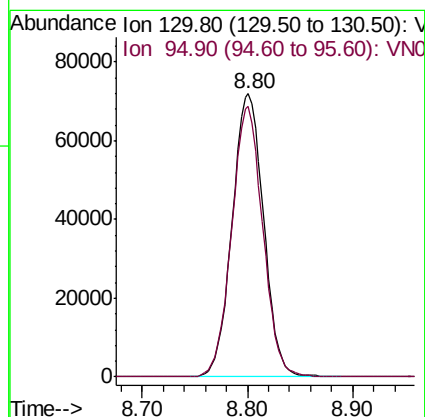
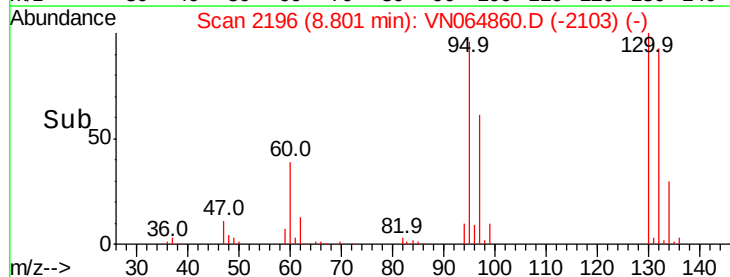
Ion 156.00 (155.70 to 156.30): VN064779.D (-2180) (-)

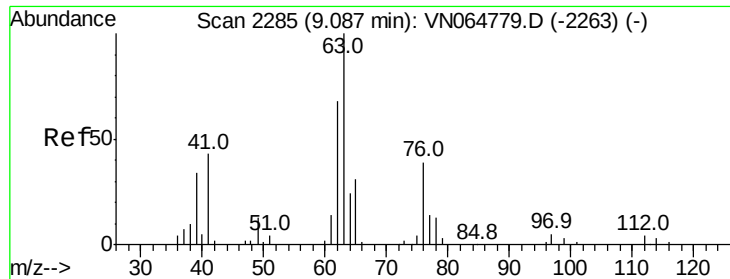
Ion 157.00 (156.70 to 157.30): VN064779.D (-2180) (-)

Ion 158.00 (157.70 to 158.30): VN064779.D (-2180) (-)

Ion 159.00 (158.70 to 159.30): VN064779.D (-2180) (-)

Ion 160.00 (159.70 to 160.30): VN064779.D (-2180) (-)

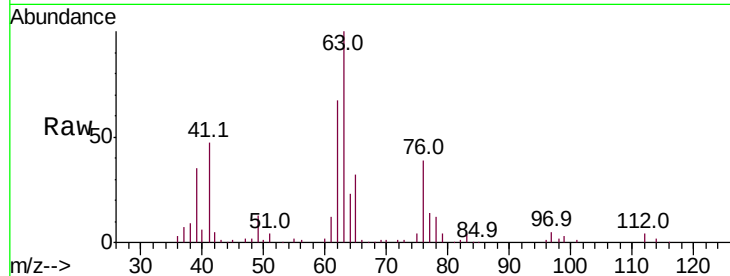




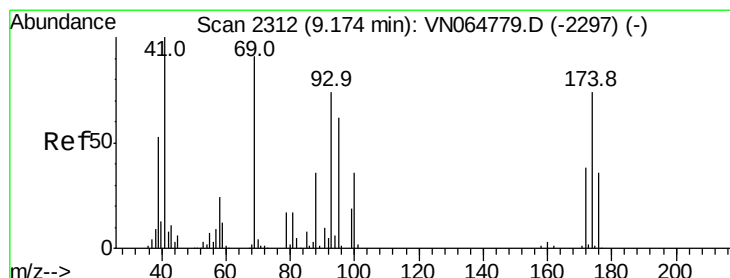
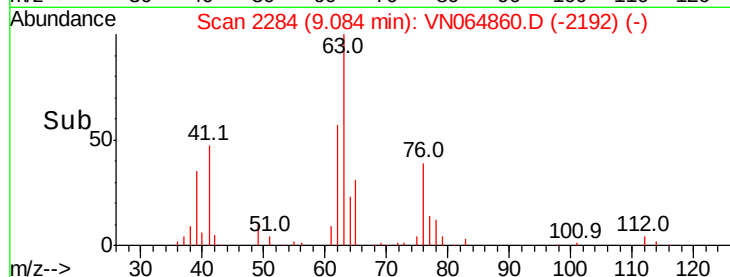
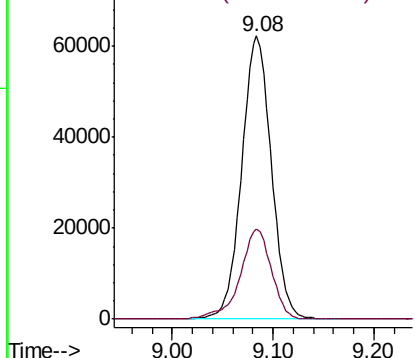
#45
 1,2-Dichloropropane
 Concen: 47.531 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 126012
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.4

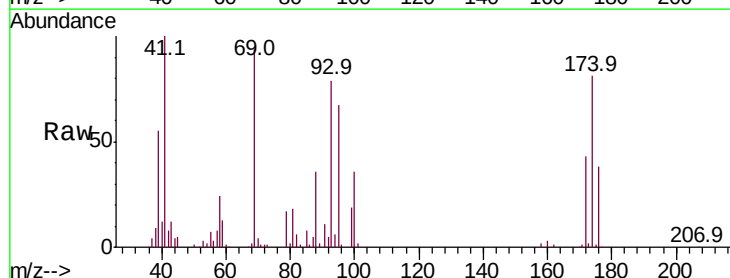


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

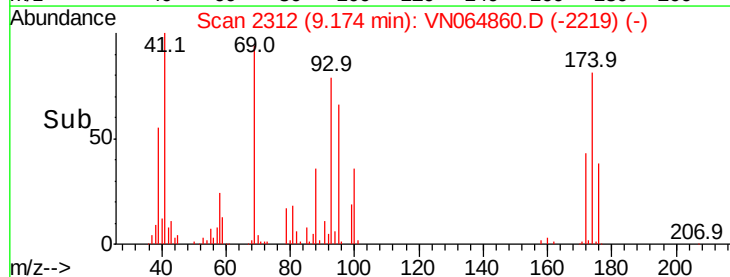
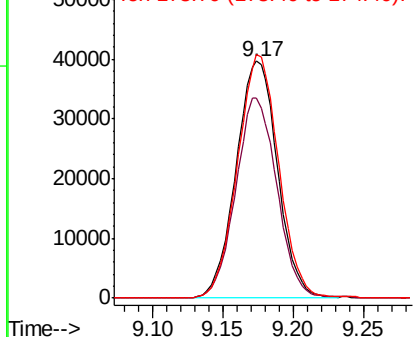


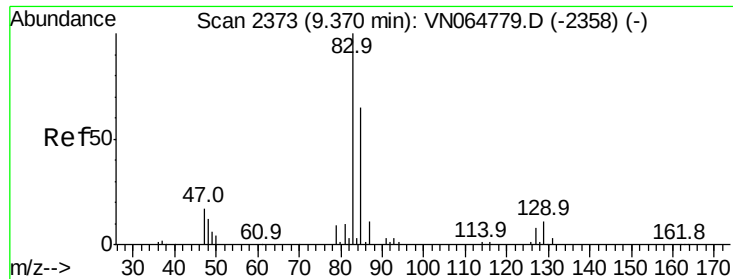
#46
 Dibromomethane
 Concen: 46.087 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion: 93 Resp: 81627
 Ion Ratio Lower Upper
 93 100
 95 83.9 68.8 103.2
 174 102.2 83.1 124.7



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.064 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

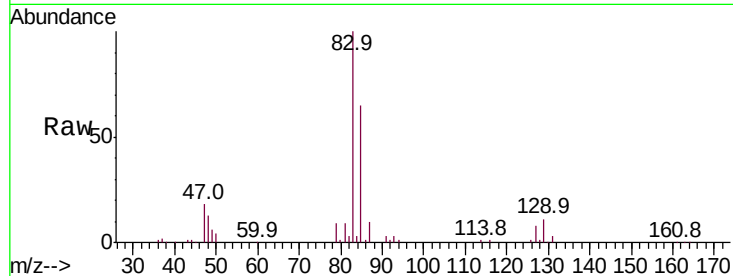
Tot Ion: 83 Resp: 164162

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8

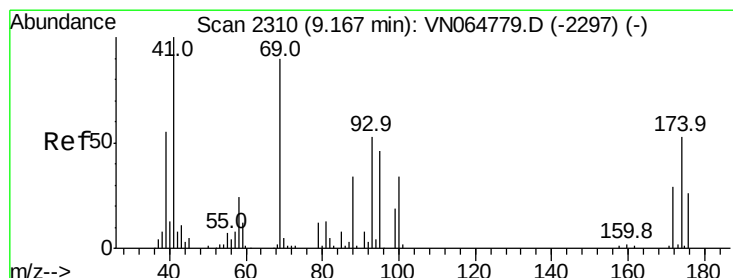
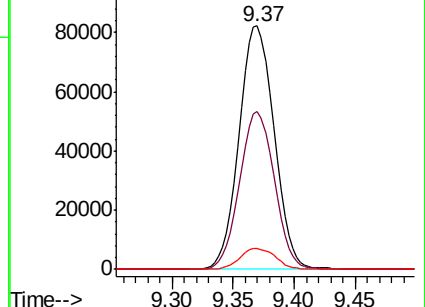
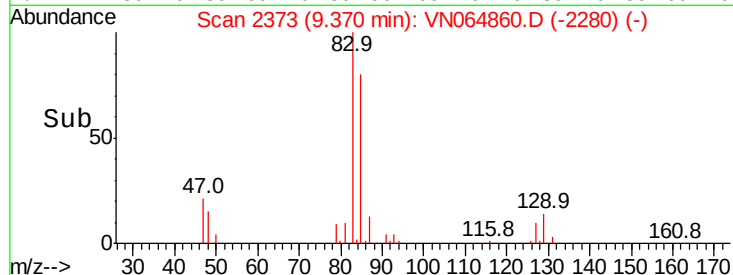
127 8.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 47.400 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

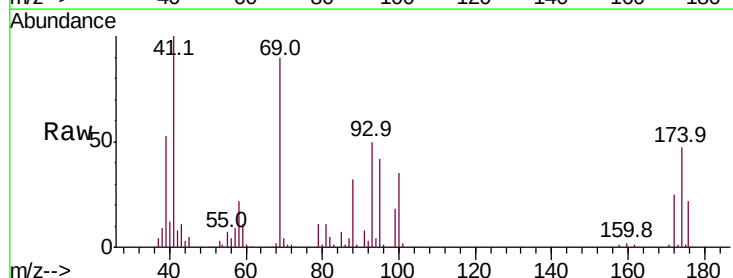
Tgt Ion: 41 Resp: 117285

Ion Ratio Lower Upper

41 100

69 90.3 71.8 107.8

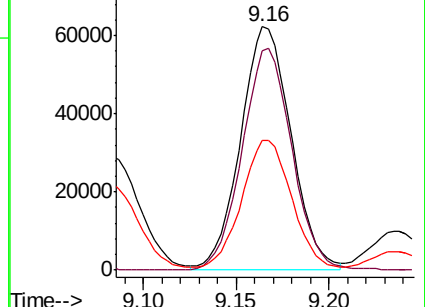
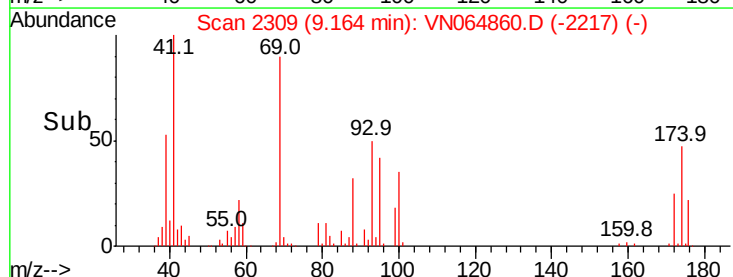
39 53.6 44.1 66.1

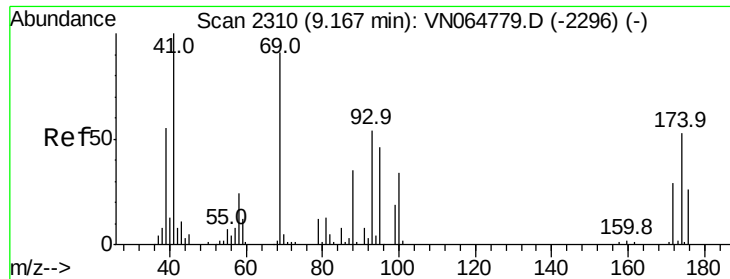


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)





#49

1,4-Dioxane

Concen: 881.016 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

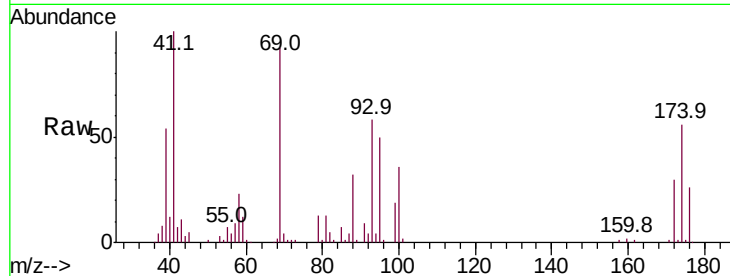
Tot Ion: 88 Resp: 41202

Ion Ratio Lower Upper

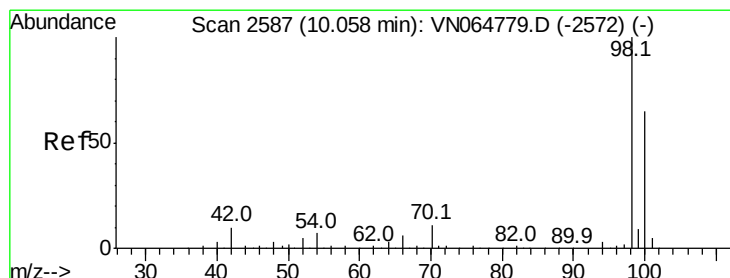
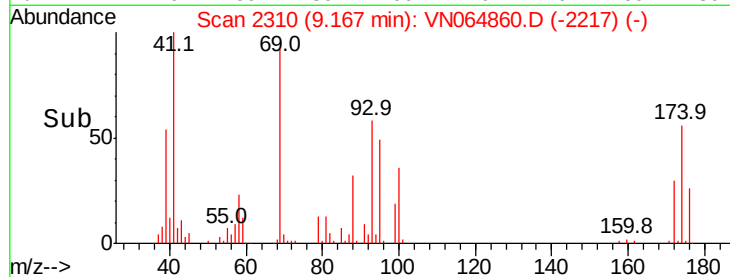
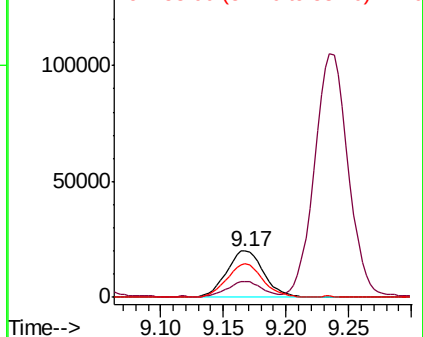
88 100

43 30.6 24.2 36.4

58 69.8 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: 49.573 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064860.D

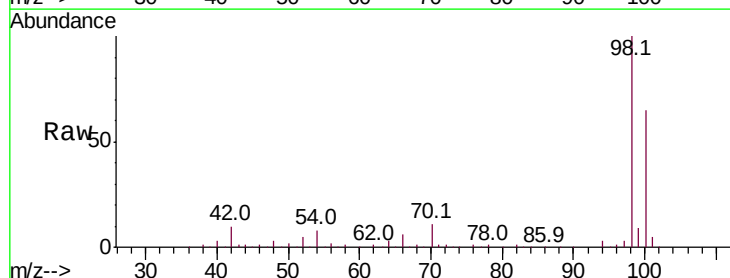
Acq: 25 Nov 2020 16:54

Tgt Ion: 98 Resp: 436840

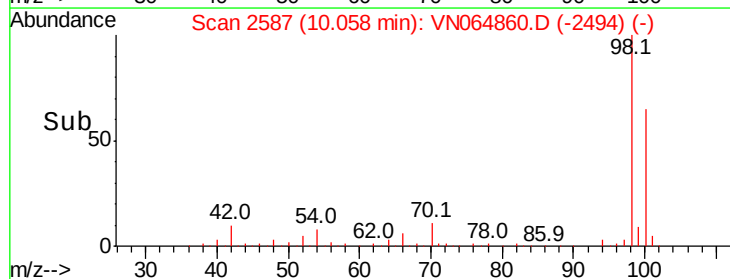
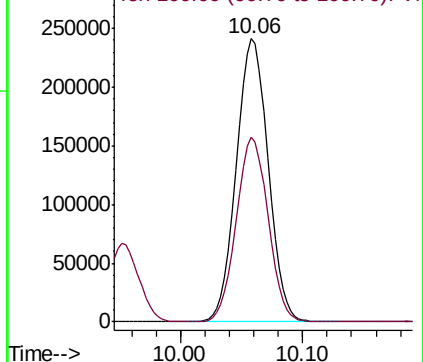
Ion Ratio Lower Upper

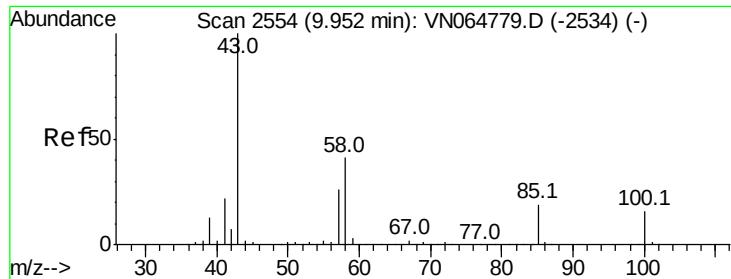
98 100

100 64.9 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: 232.321 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

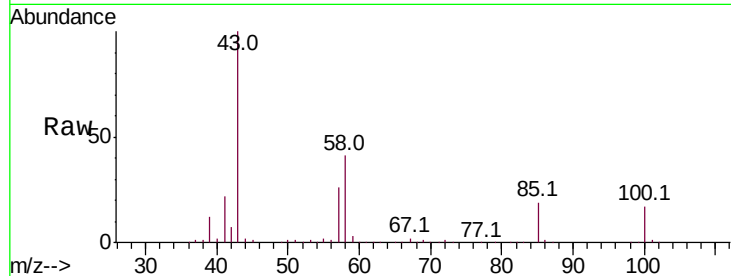
VSTDCCC050EC

Tot Ion: 43 Resp: 722236

Ion Ratio Lower Upper

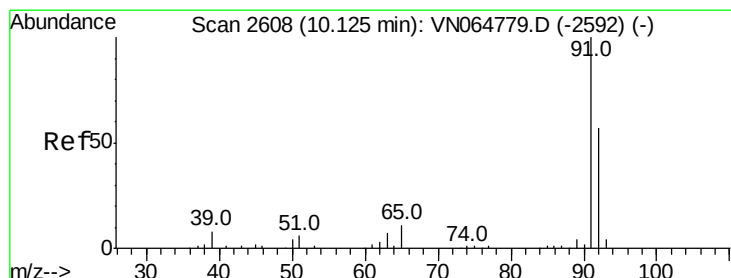
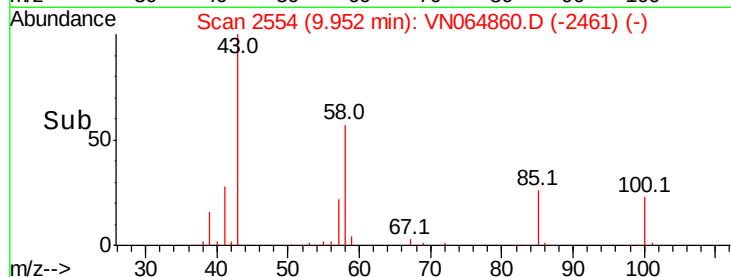
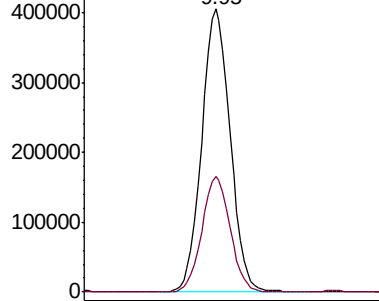
43 100

58 40.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 46.567 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064860.D

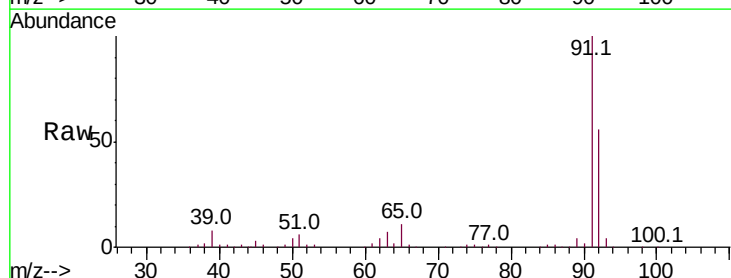
Acq: 25 Nov 2020 16:54

Tgt Ion: 92 Resp: 293588

Ion Ratio Lower Upper

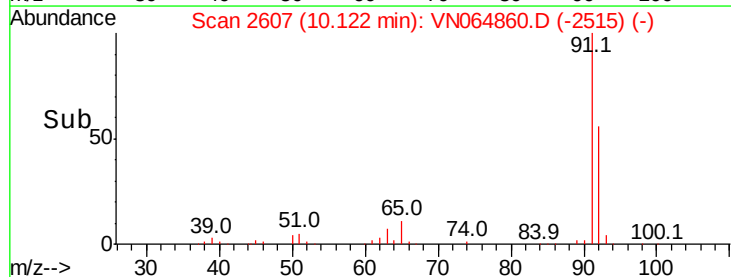
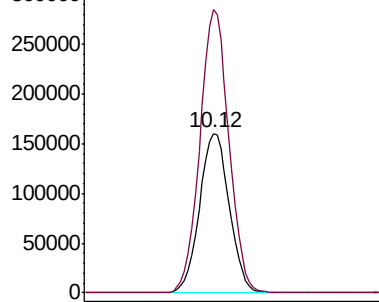
92 100

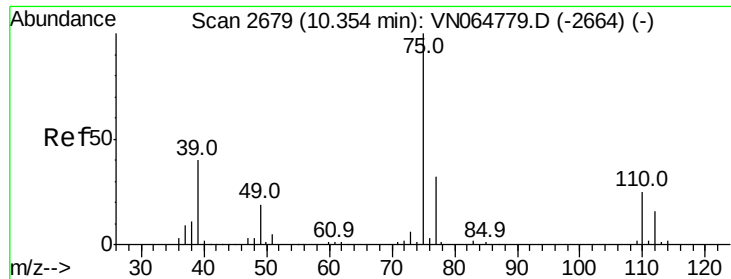
91 172.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 46.140 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

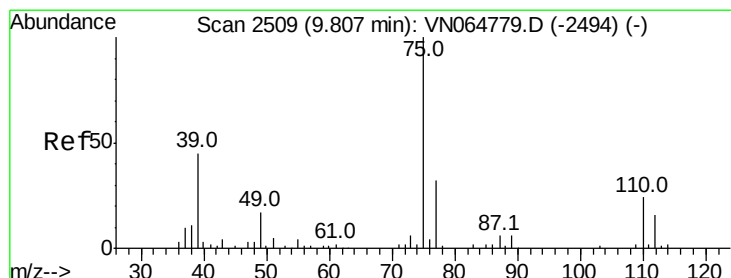
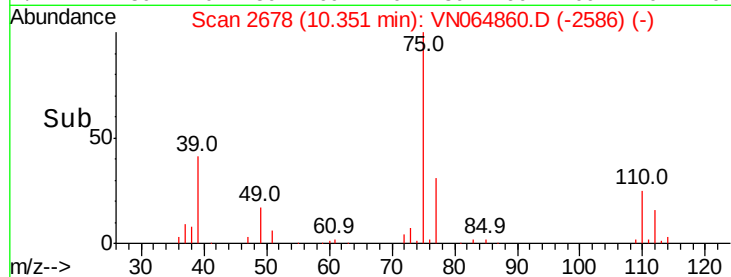
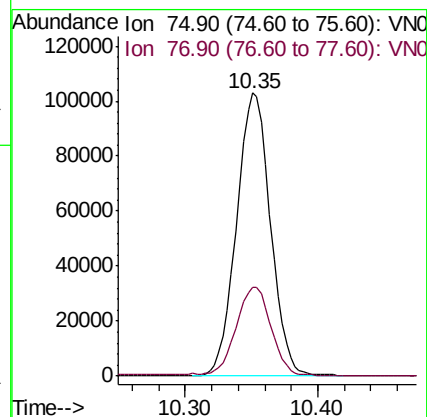
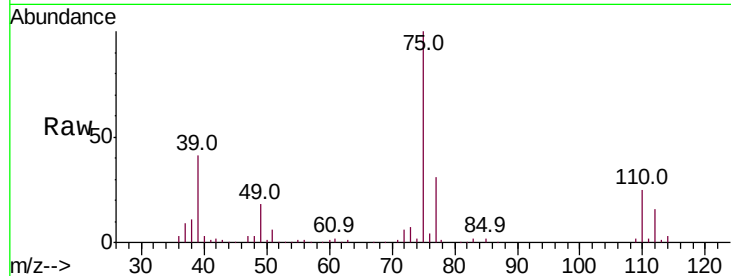
VSTDCCC050EC

Tot Ion: 75 Resp: 183145

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 47.167 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

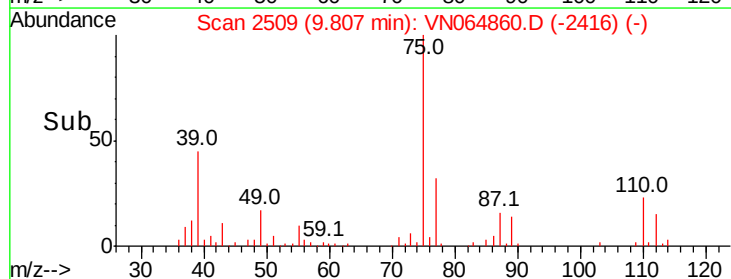
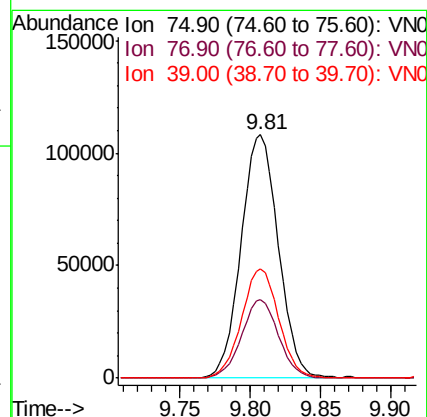
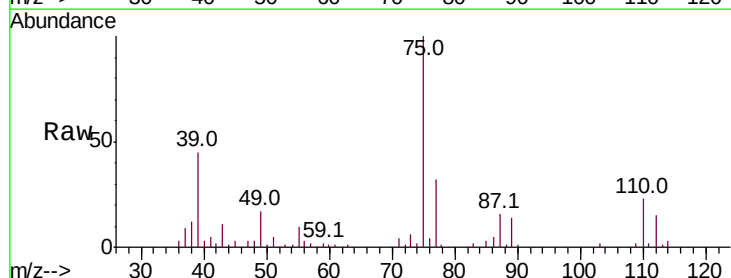
Tgt Ion: 75 Resp: 200678

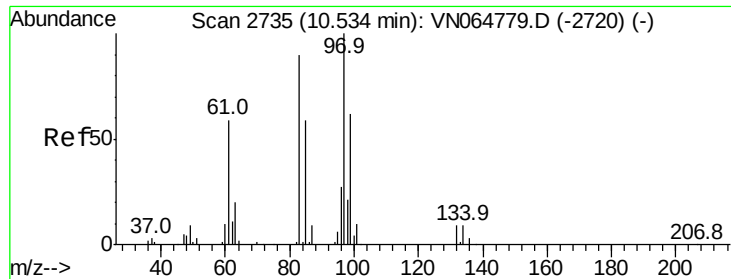
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 44.9 35.6 53.4



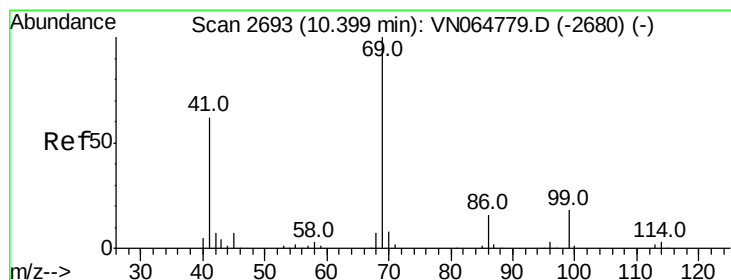
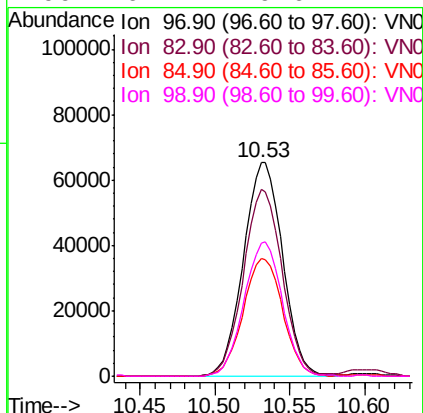
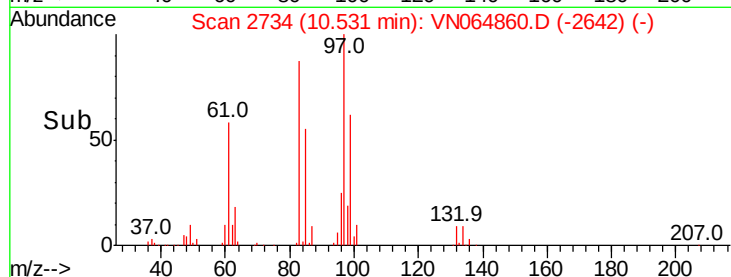
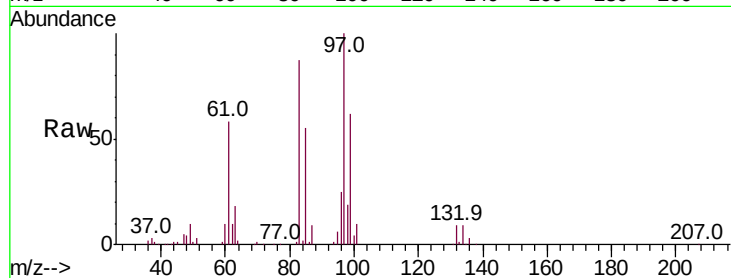


#55
 1,1,2-Trichloroethane
 Concen: 46.019 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 119306

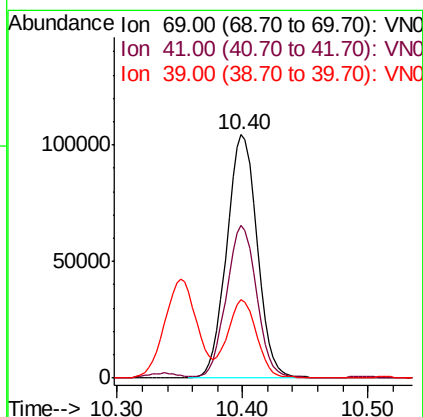
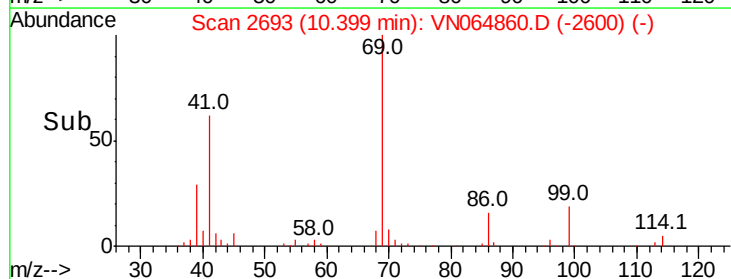
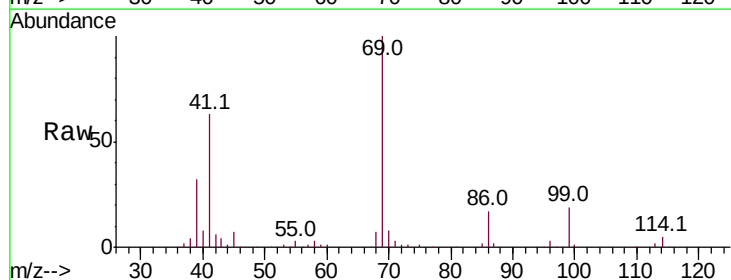
Ion	Ratio	Lower	Upper
97	100		
83	87.2	72.1	108.1
85	55.0	46.8	70.2
99	62.2	49.6	74.4

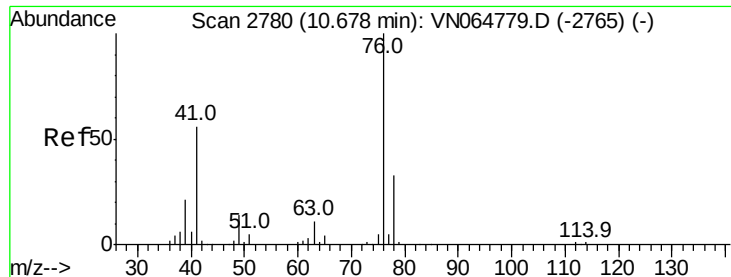


#56
 Ethyl methacrylate
 Concen: 49.269 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion: 69 Resp: 176265

Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.4	74.0
39	31.1	25.9	38.9





#57

1,3-Dichloropropane

Concen: 46.229 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

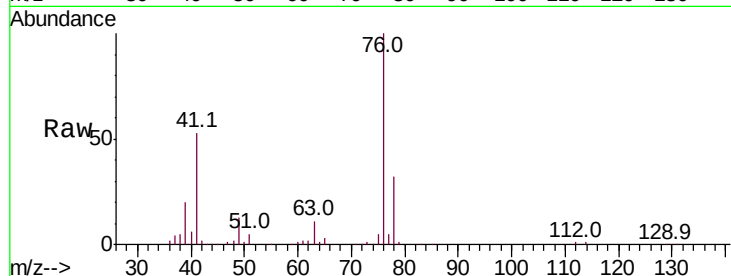
VSTDCCC050EC

Tot Ion: 76 Resp: 197703

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

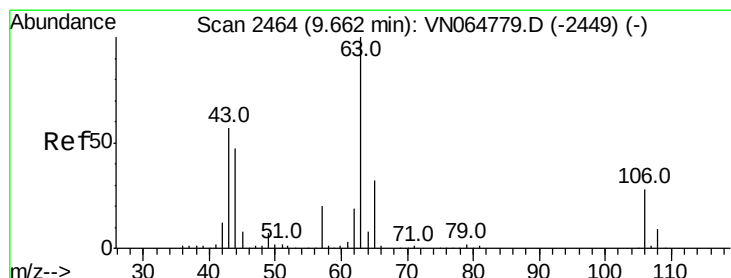
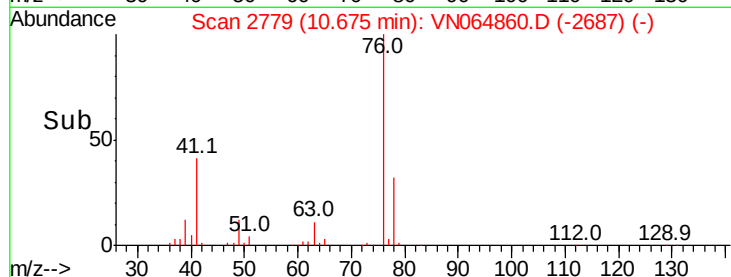
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 242.497 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064860.D

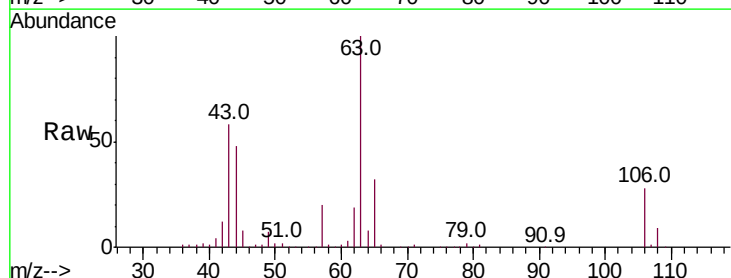
Acq: 25 Nov 2020 16:54

Tgt Ion: 63 Resp: 477215

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

300000

250000

200000

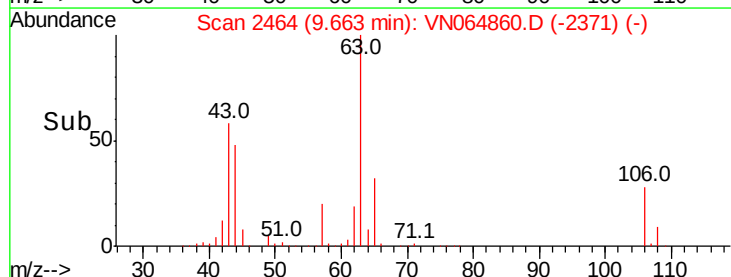
150000

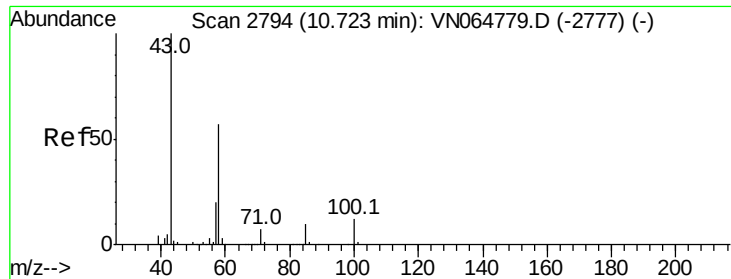
100000

50000

0

Time-->

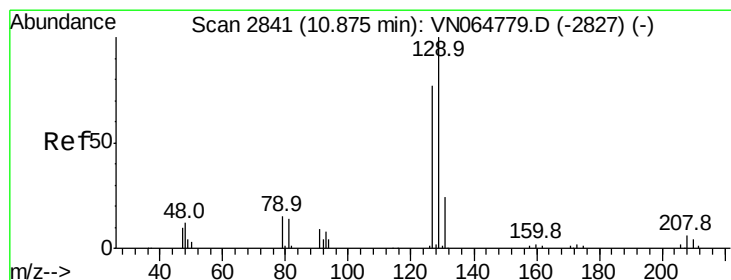
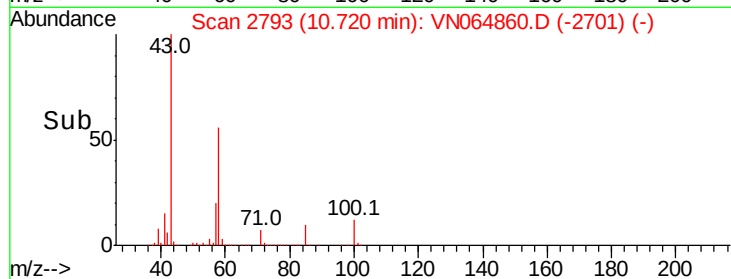
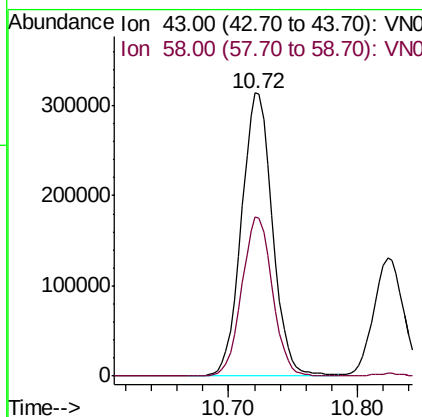
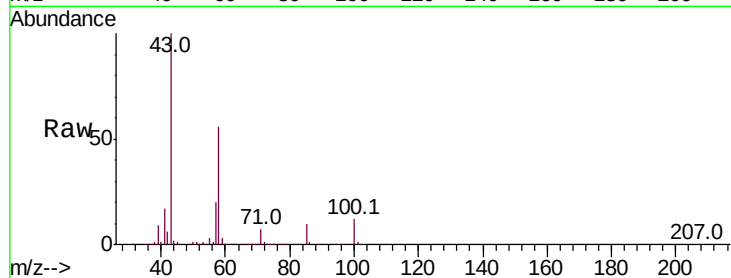




#59
2-Hexanone
Concen: 233.804 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

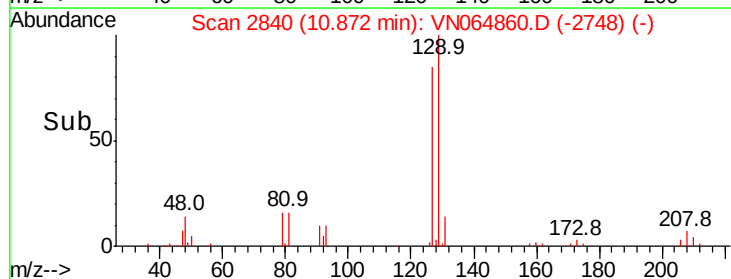
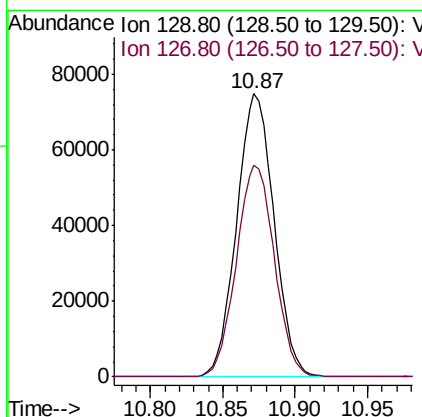
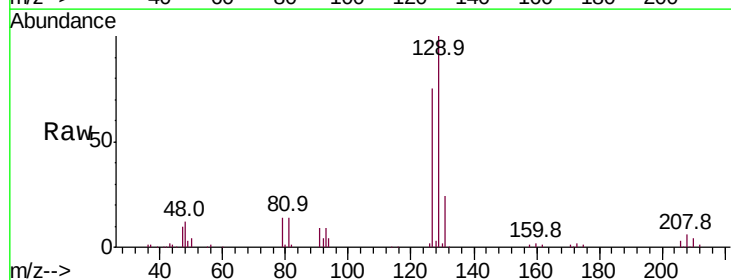
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

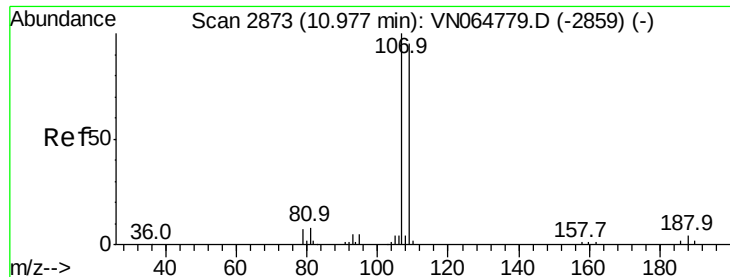
Tot Ion: 43 Resp: 523101
Ion Ratio Lower Upper
43 100
58 55.9 28.3 84.9



#60
Dibromochloromethane
Concen: 46.622 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 129 Resp: 134356
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 46.262 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

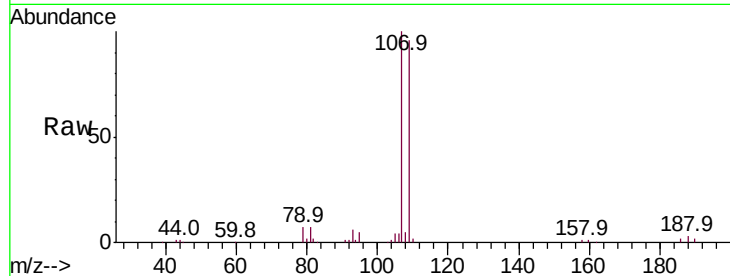
VSTDCCC050EC

Tot Ion:107 Resp: 121852

Ion Ratio Lower Upper

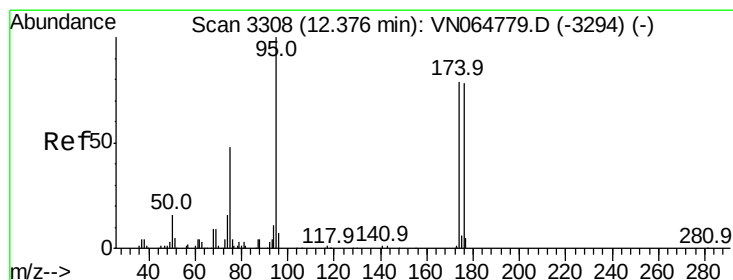
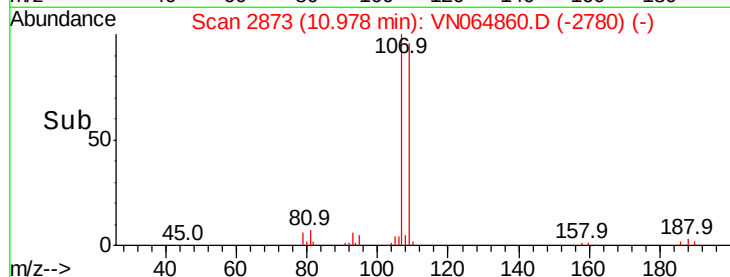
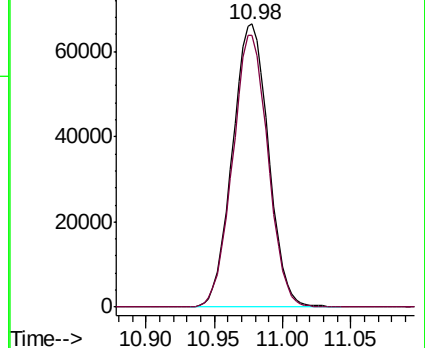
107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.845 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

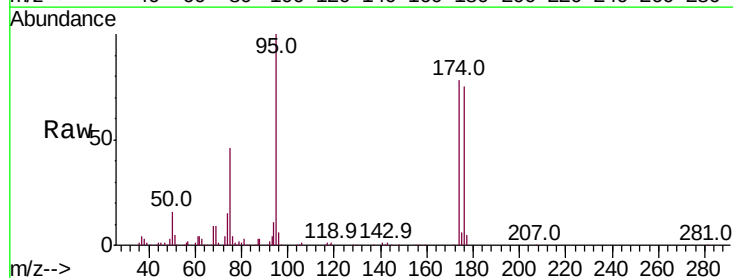
Tgt Ion: 95 Resp: 160349

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.4

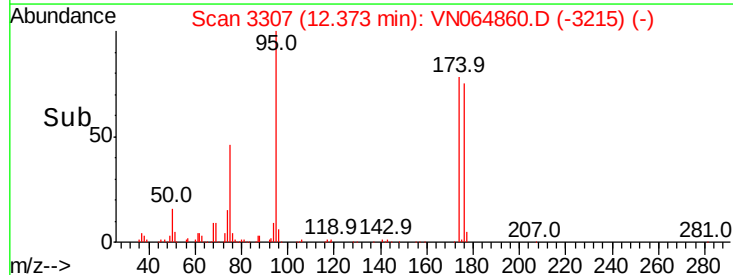
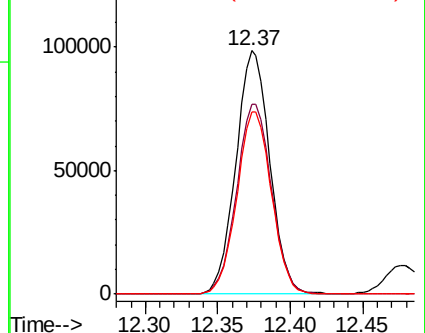
176 76.2 0.0 158.4

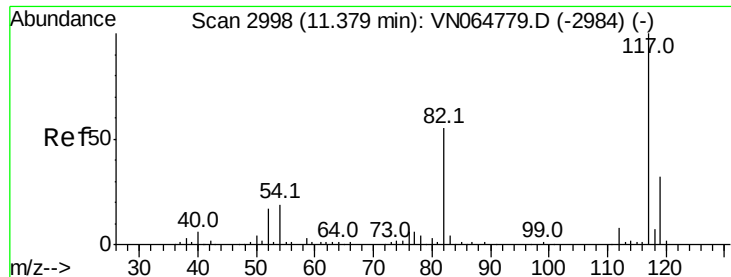


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

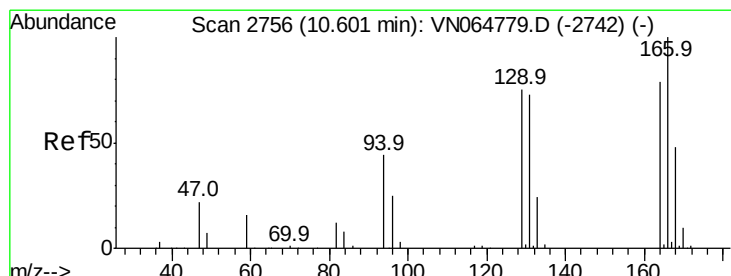
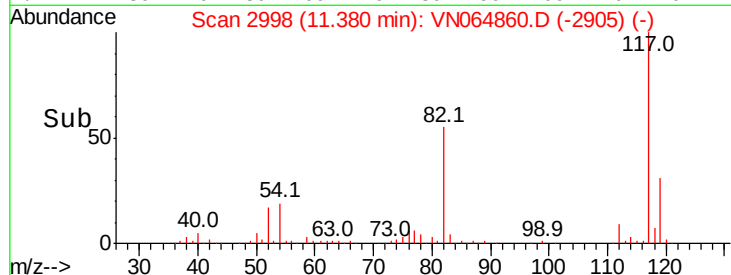
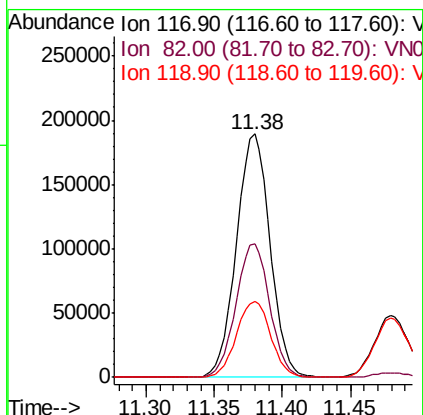
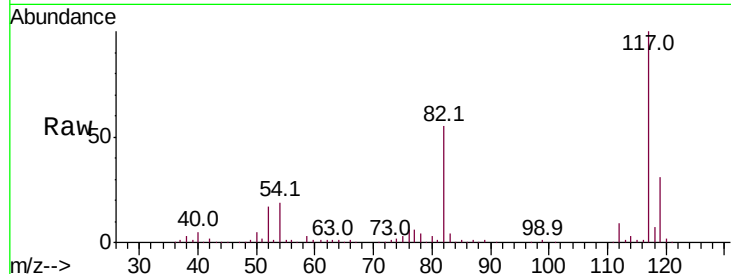




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

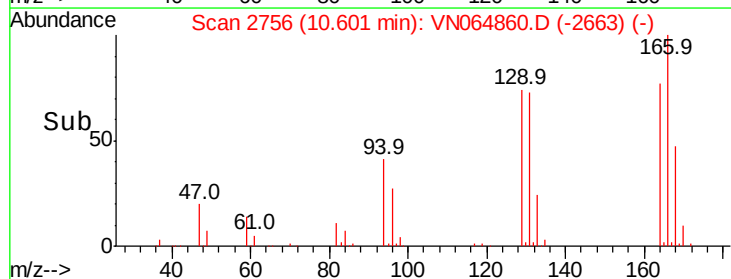
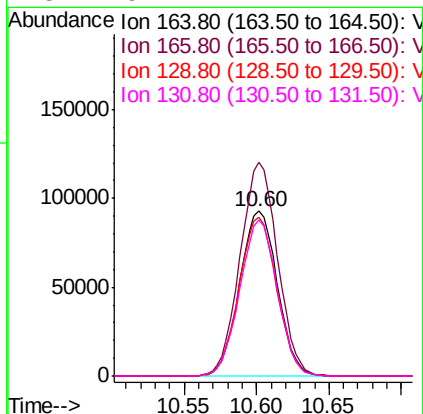
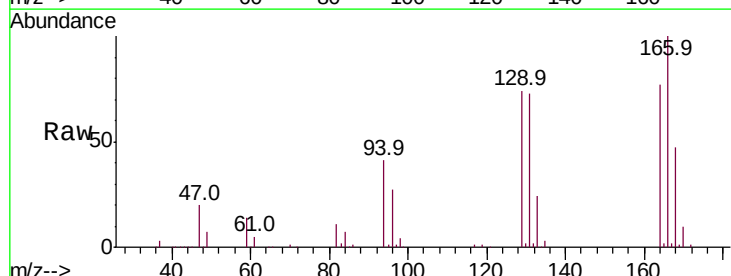
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

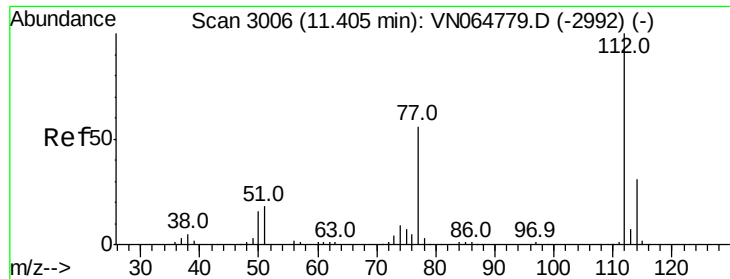
Tot Ion:117 Resp: 324808
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.0 25.8 38.6



#64
Tetrachloroethene
Concen: 53.237 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion:164 Resp: 168233
Ion Ratio Lower Upper
164 100
166 129.6 101.4 152.0
129 96.3 76.1 114.1
131 94.4 74.2 111.2

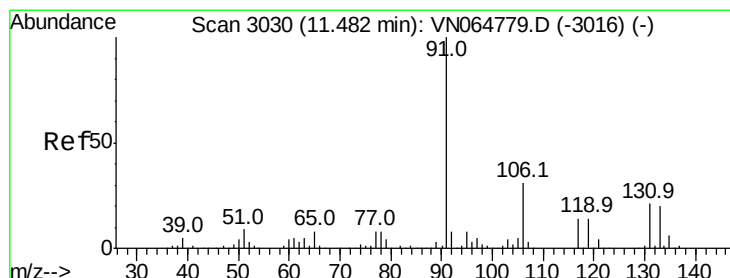
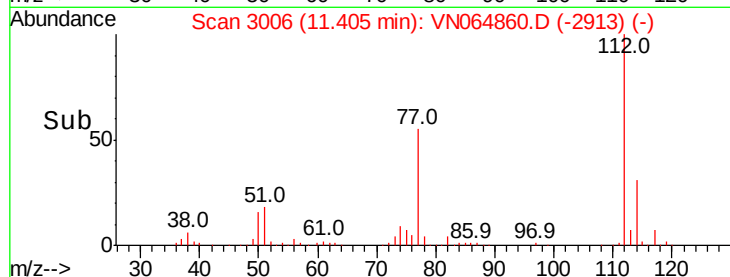
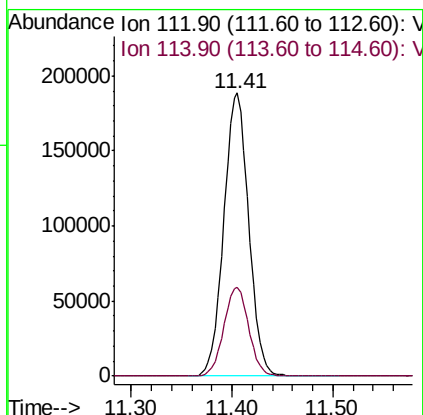
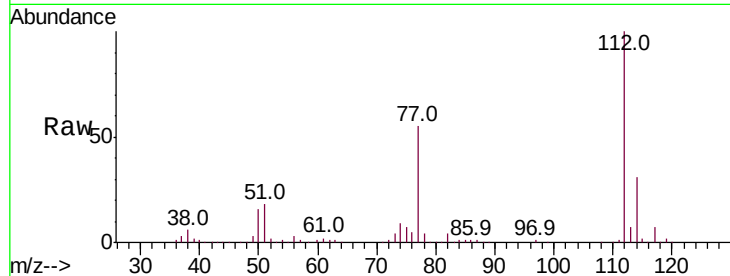




#65
 Chlorobenzene
 Concen: 46.609 ug/l
 RT: 11.41 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

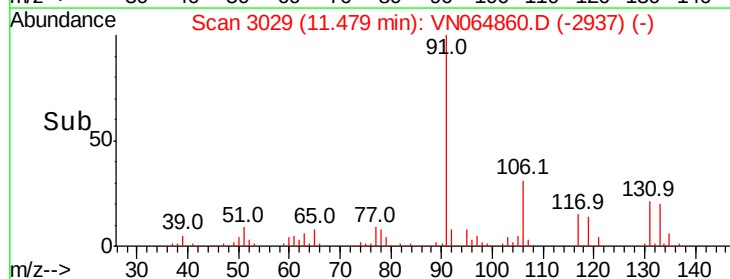
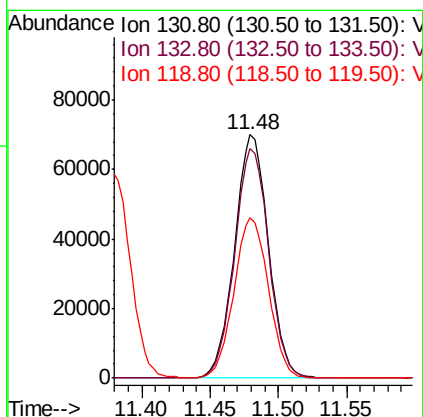
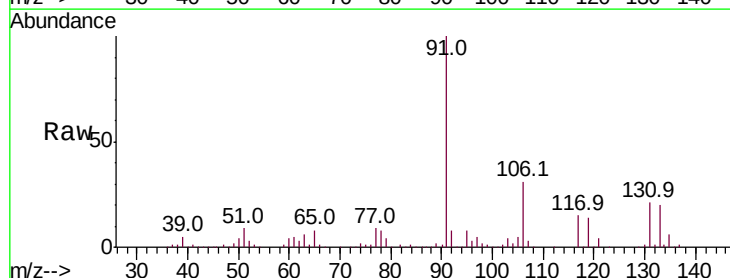
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

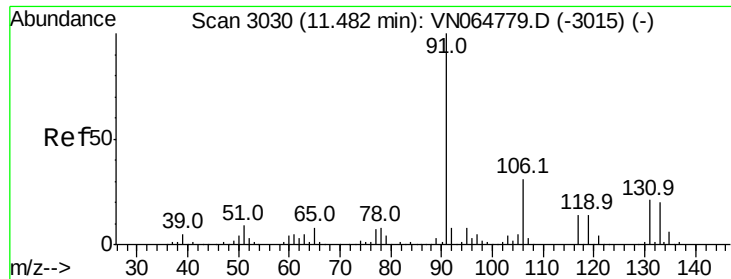
Tot Ion:112 Resp: 325107
 Ion Ratio Lower Upper
 112 100
 114 31.5 25.1 37.7



#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.033 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion:131 Resp: 120564
 Ion Ratio Lower Upper
 131 100
 133 95.0 47.5 142.5
 119 67.2 33.3 99.8

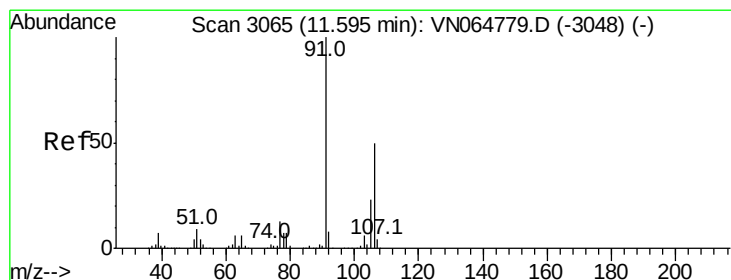
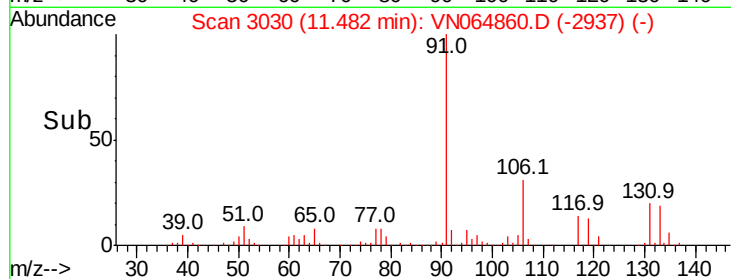
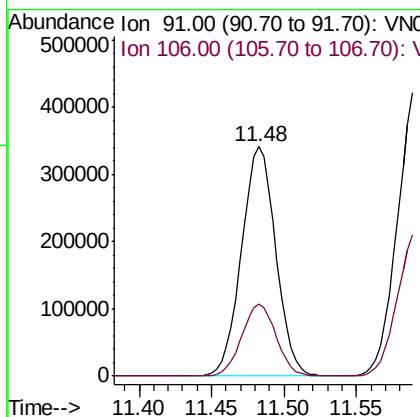
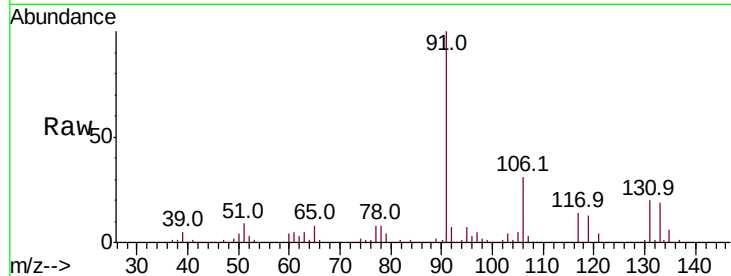




#67
Ethyl Benzene
Concen: 48.176 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

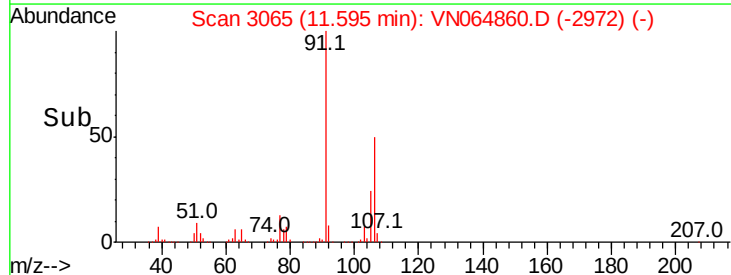
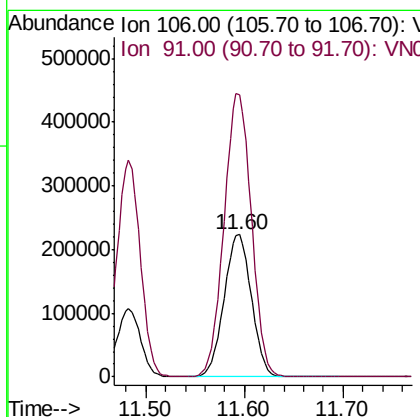
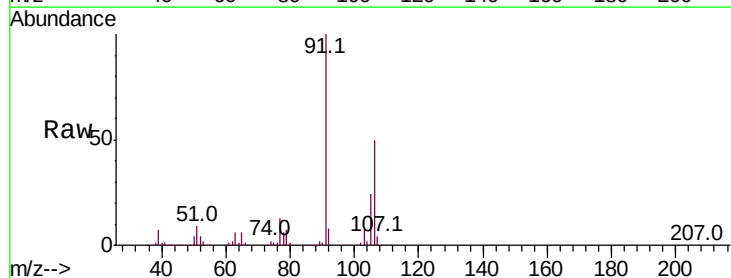
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

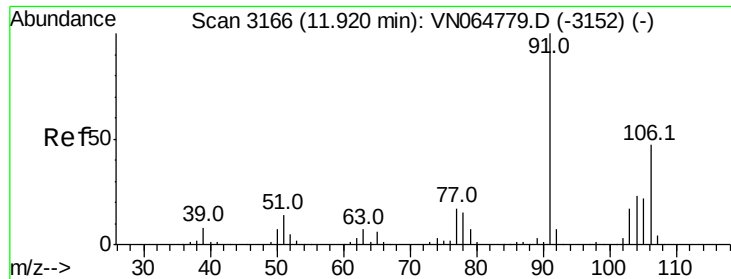
Tot Ion: 91 Resp: 561372
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 98.593 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 106 Resp: 434966
Ion Ratio Lower Upper
106 100
91 199.0 161.0 241.4

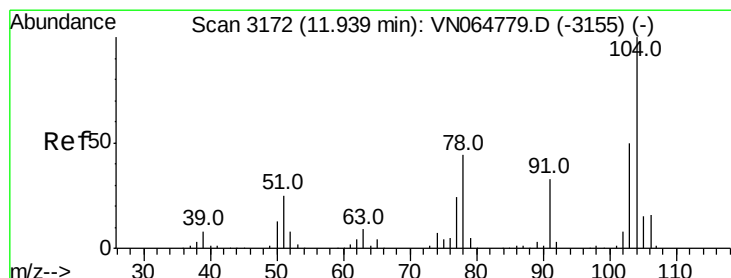
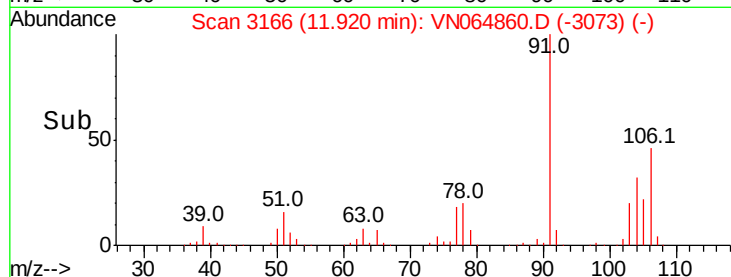
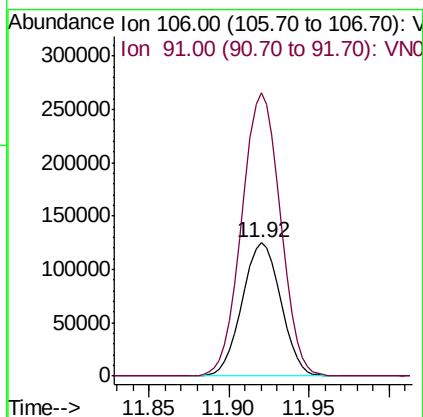
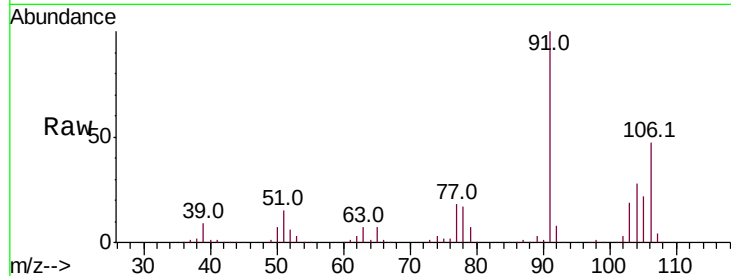




#69
o-Xylene
Concen: 49.351 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

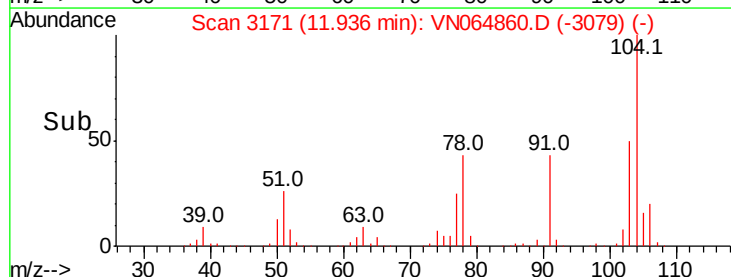
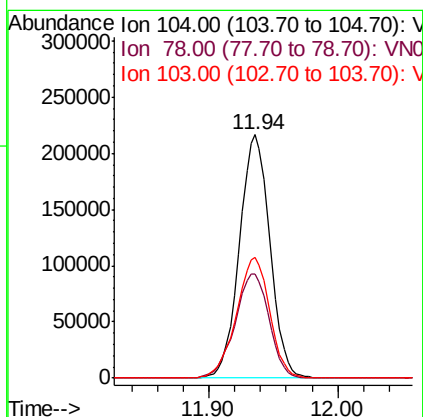
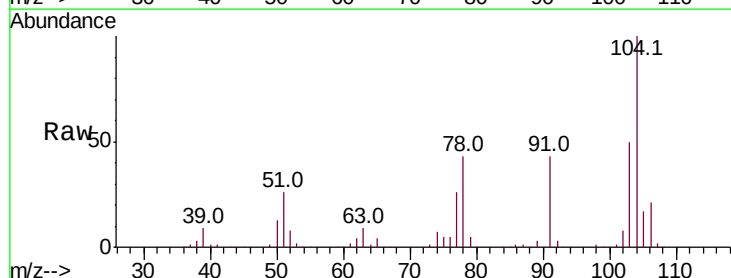
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

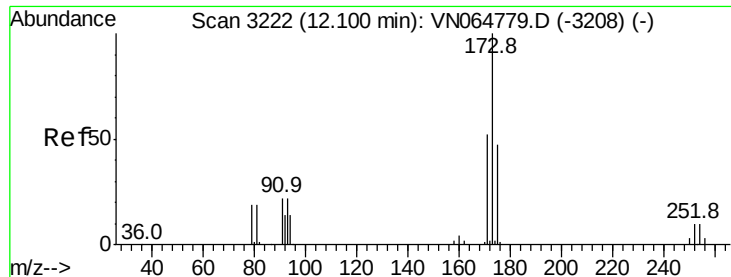
Tot Ion:106 Resp: 206608
Ion Ratio Lower Upper
106 100
91 212.4 105.5 316.5



#70
Styrene
Concen: 50.439 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion:104 Resp: 356477
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 54.2 44.3 66.5





#71

Bromoform

Concen: 45.571 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

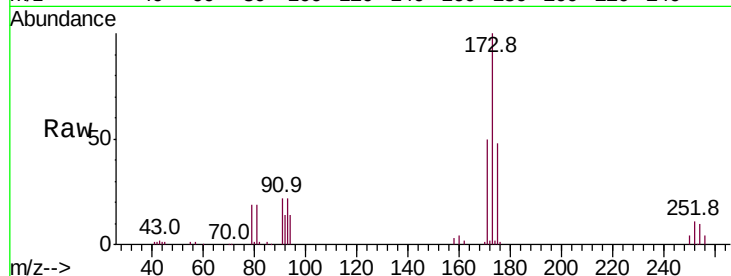
Tot Ion:173 Resp: 93301

Ion Ratio Lower Upper

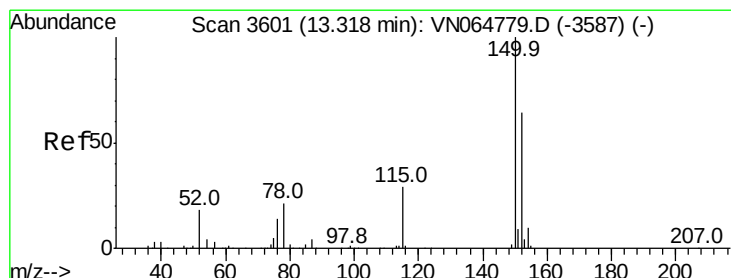
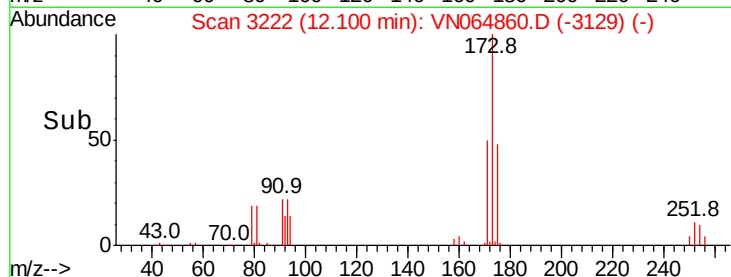
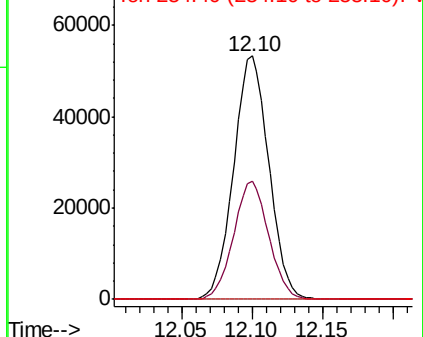
173 100

175 48.1 24.3 72.8

254 0.1 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: VN064860.D

Acq: 25 Nov 2020 16:54

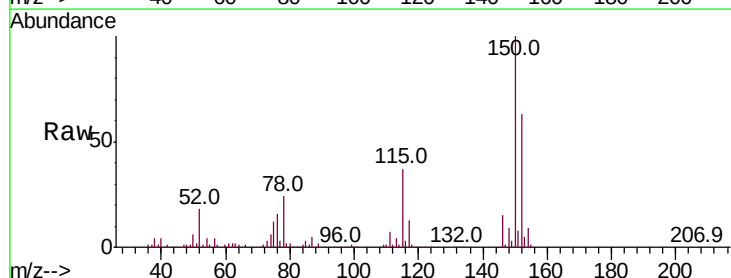
Tgt Ion:152 Resp: 160378

Ion Ratio Lower Upper

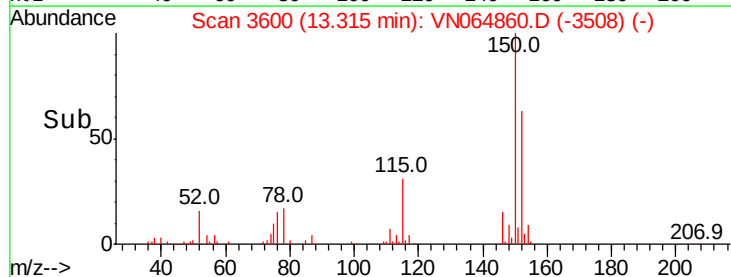
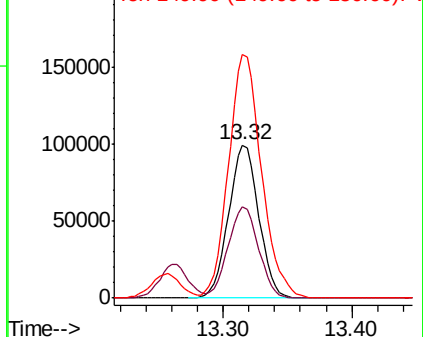
152 100

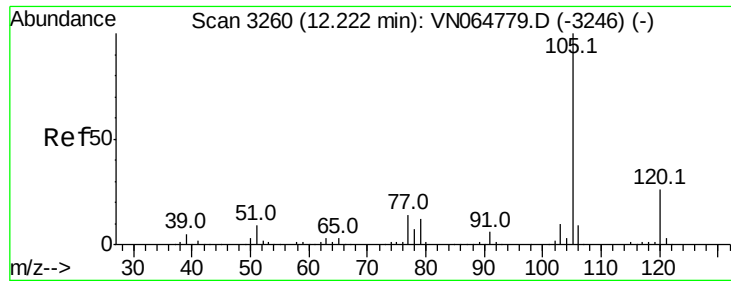
115 60.6 29.7 89.1

150 174.2 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: 48.846 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

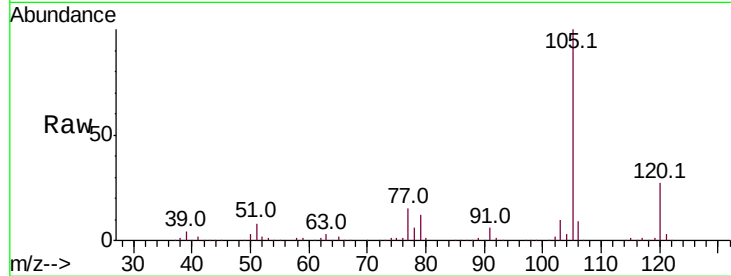
VSTDCCC050EC

Tot Ion:105 Resp: 544897

Ion Ratio Lower Upper

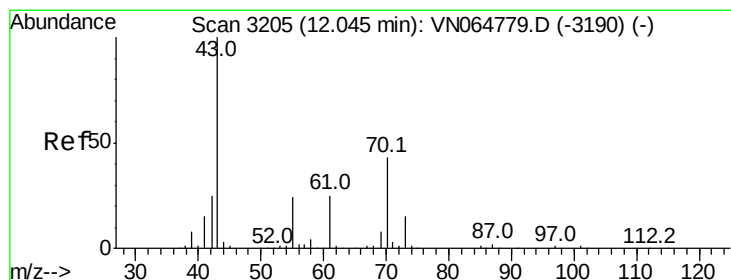
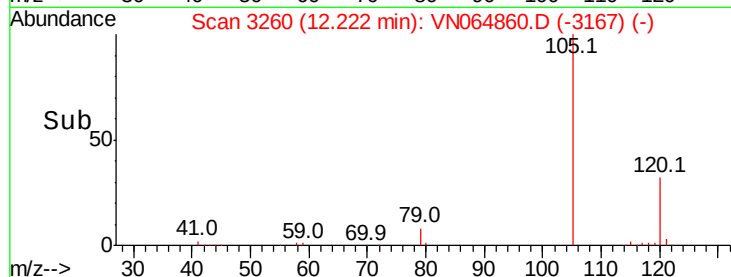
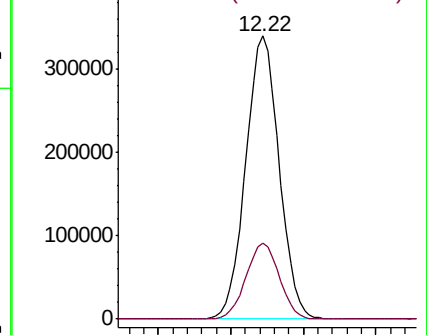
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.920 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Tgt Ion: 43 Resp: 210374

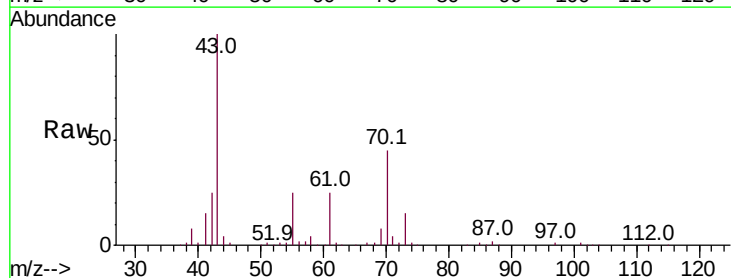
Ion Ratio Lower Upper

43 100

70 45.2 34.5 51.7

55 25.8 20.4 30.6

61 25.7 20.0 30.0

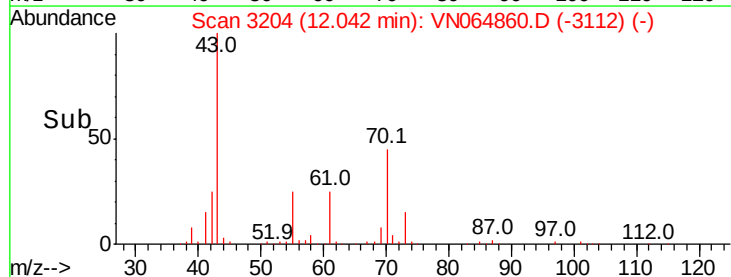
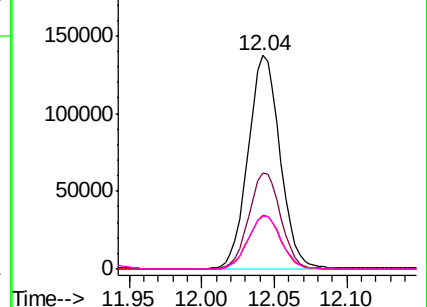


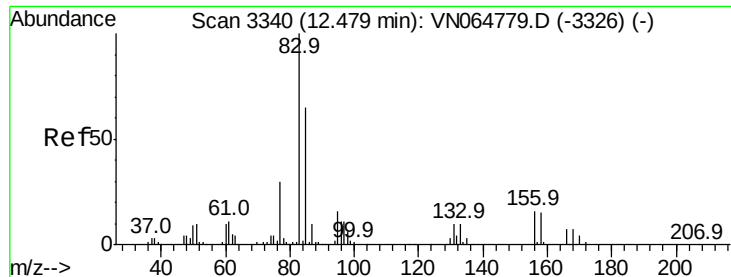
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 39.734 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

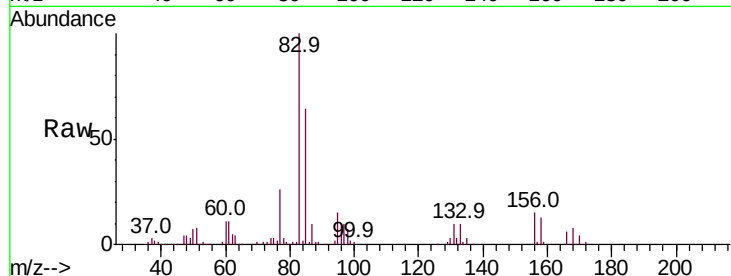
Tot Ion: 83 Resp: 129919

Ion Ratio Lower Upper

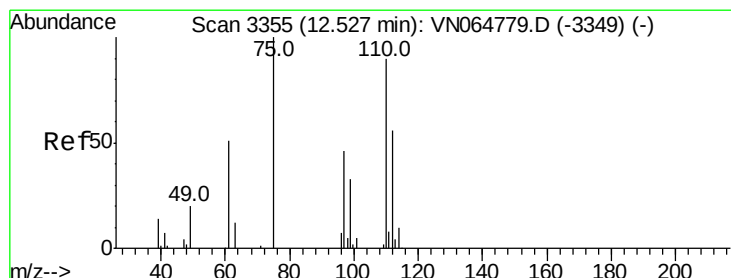
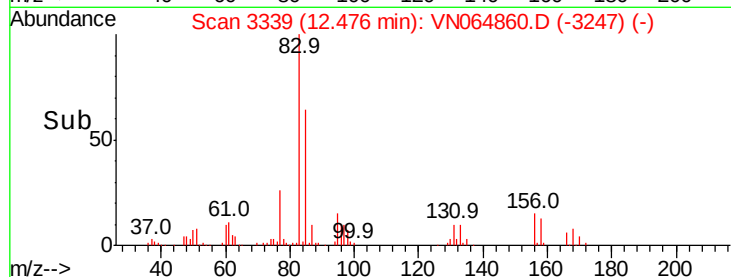
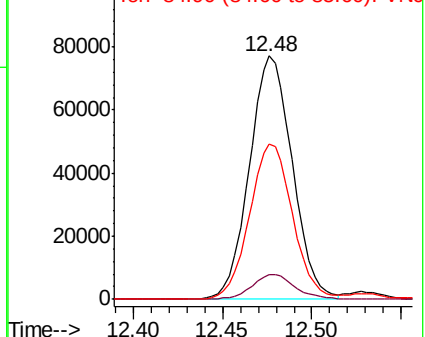
83 100

131 10.2 5.1 15.3

85 63.8 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 64.145 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064860.D

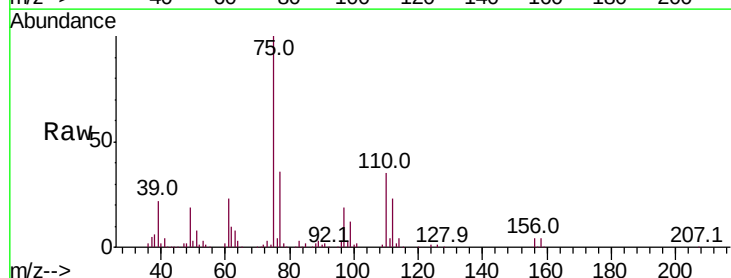
Acq: 25 Nov 2020 16:54

Tgt Ion: 75 Resp: 221549

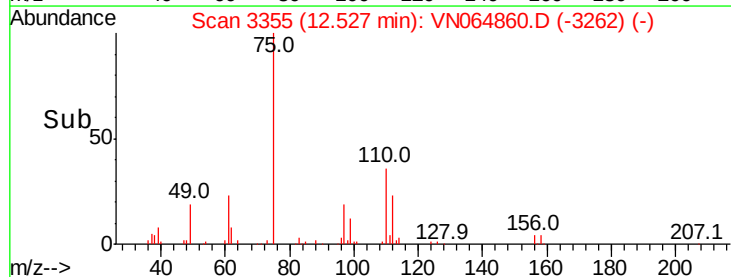
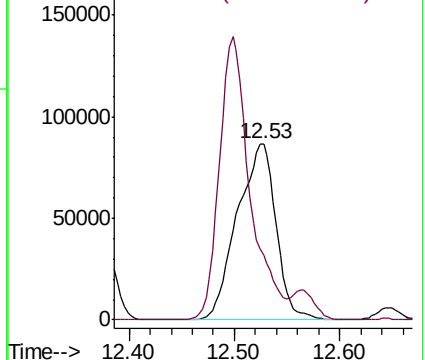
Ion Ratio Lower Upper

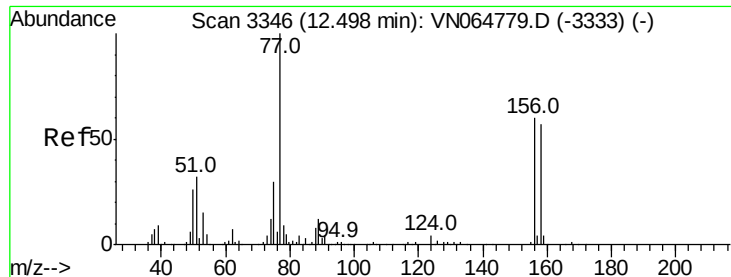
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 46.016 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

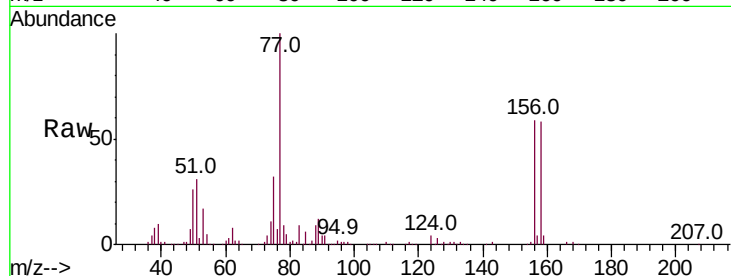
Tot Ion:156 Resp: 138392

Ion Ratio Lower Upper

156 100

77 203.8 101.3 303.7

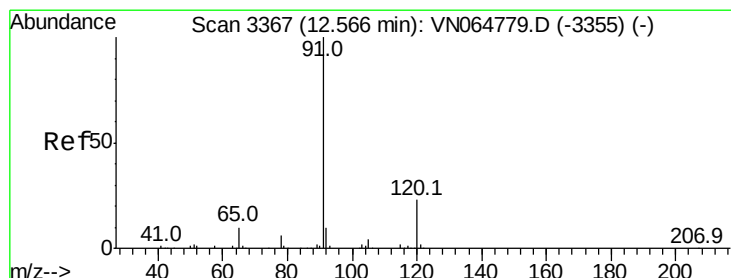
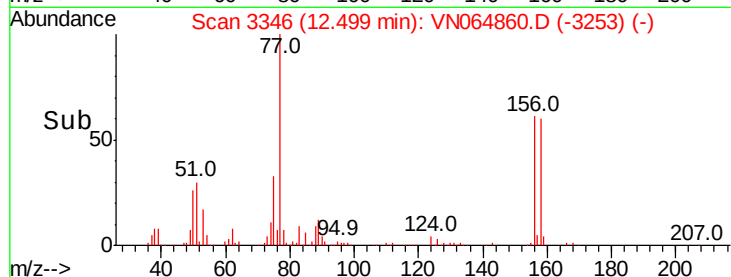
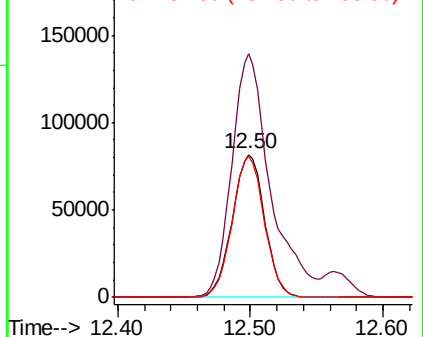
158 97.7 48.2 144.6



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: 48.744 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064860.D

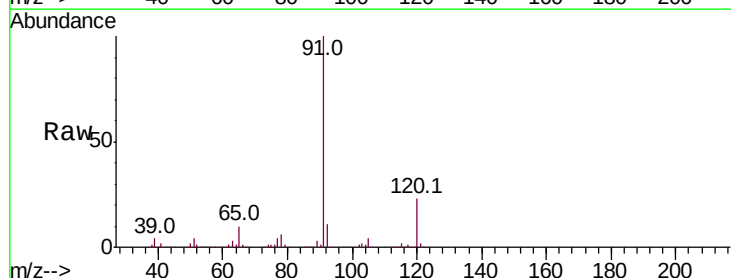
Acq: 25 Nov 2020 16:54

Tgt Ion: 91 Resp: 619455

Ion Ratio Lower Upper

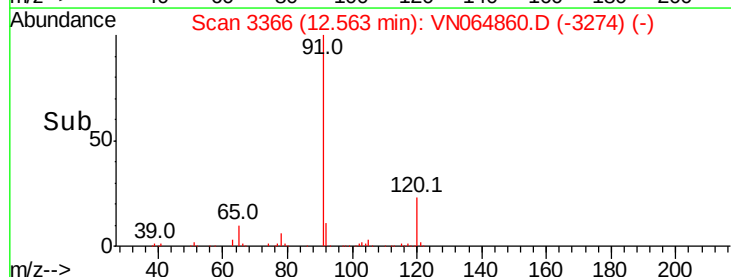
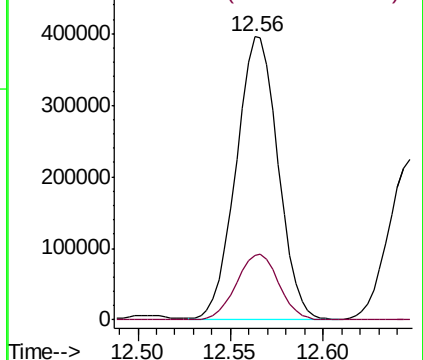
91 100

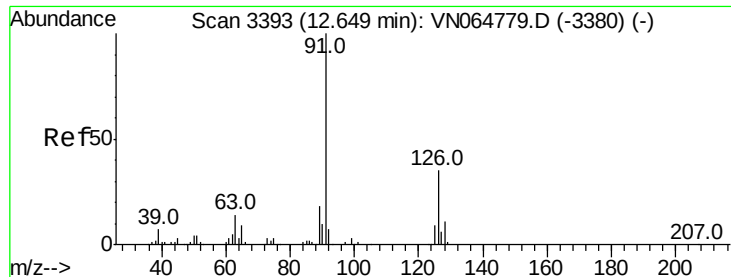
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.920 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

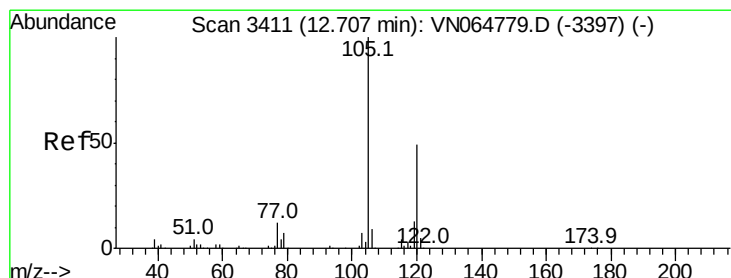
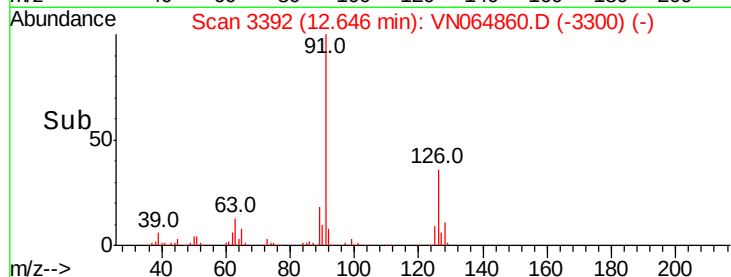
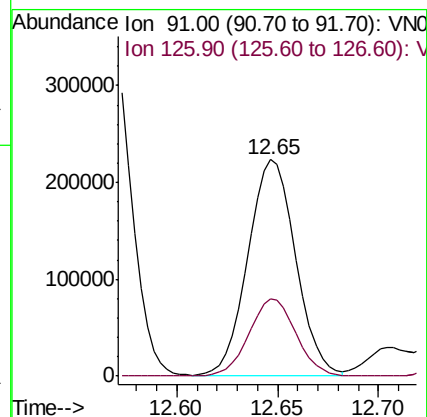
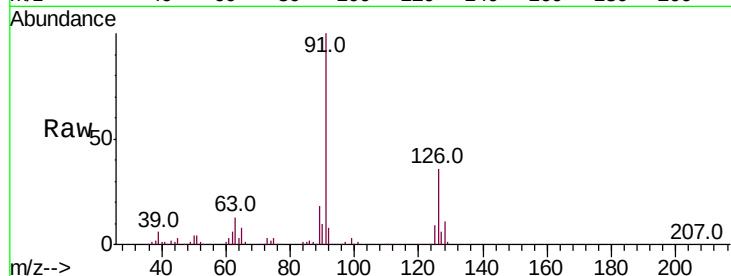
VSTDCCC050EC

Tot Ion: 91 Resp: 368583

Ion Ratio Lower Upper

91 100

126 35.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 50.385 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064860.D

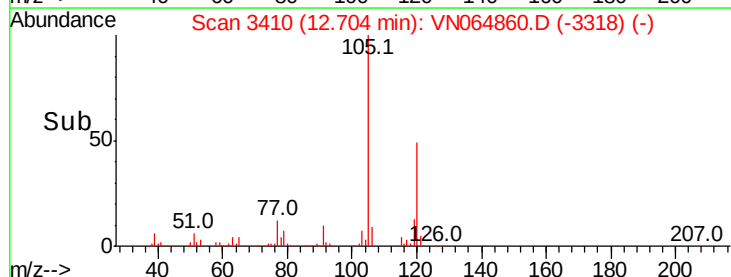
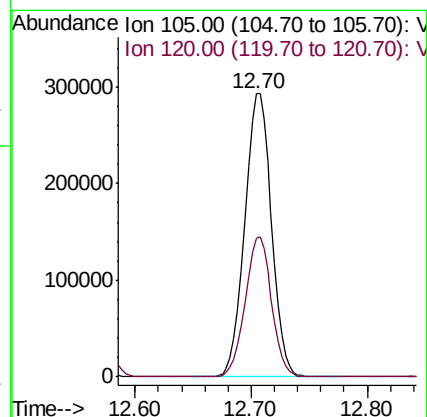
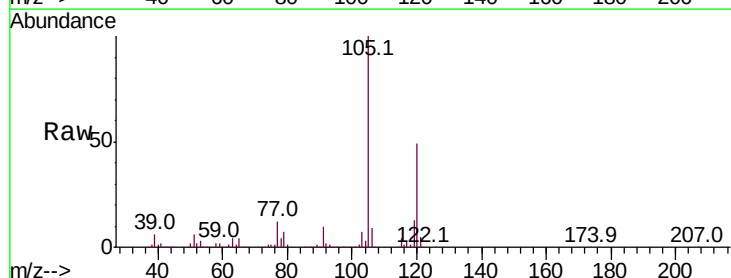
Acq: 25 Nov 2020 16:54

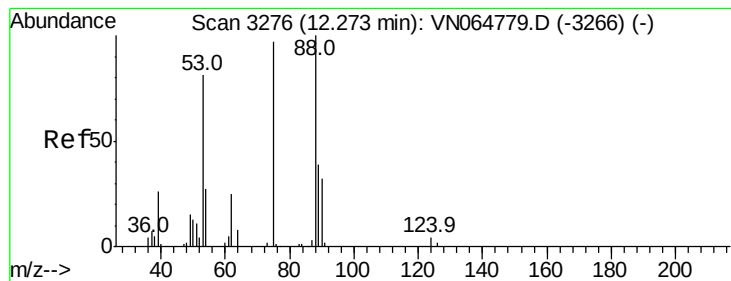
Tgt Ion: 105 Resp: 467189

Ion Ratio Lower Upper

105 100

120 48.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.564 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

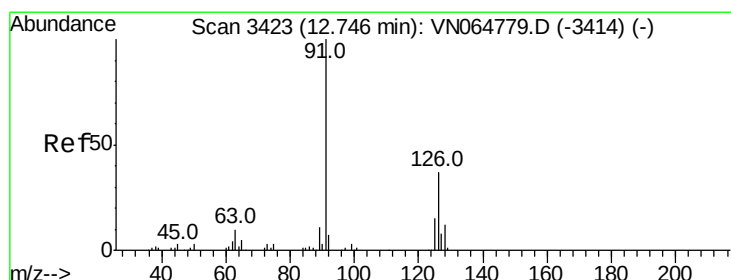
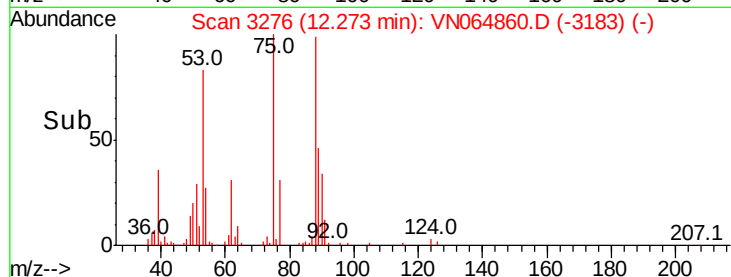
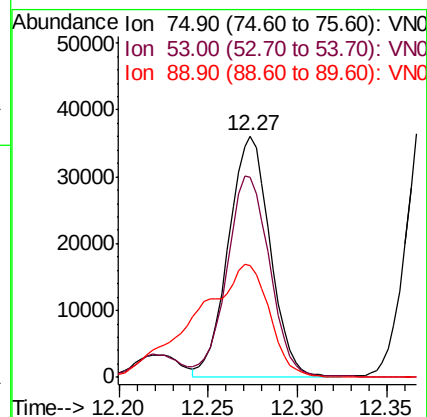
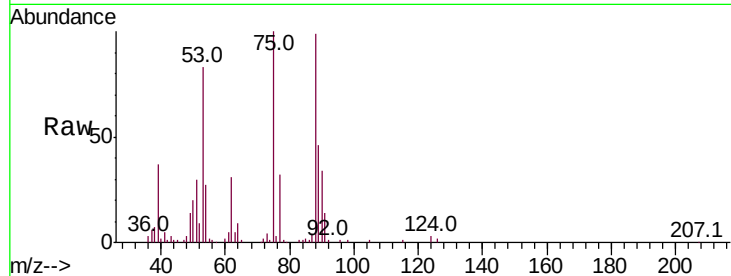
Tot Ion: 75 Resp: 58679

Ion Ratio Lower Upper

75 100

53 84.5 67.0 100.4

89 82.7 39.6 59.4#



#82

4-Chlorotoluene

Concen: 47.372 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064860.D

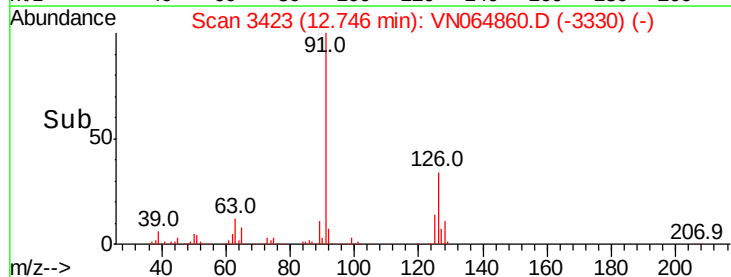
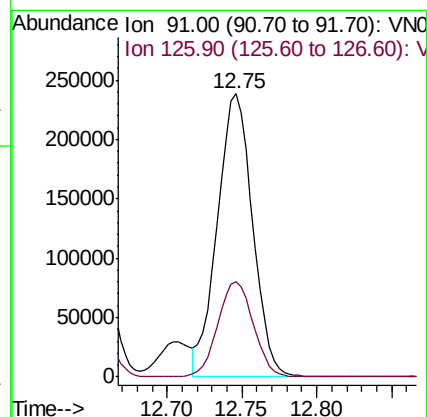
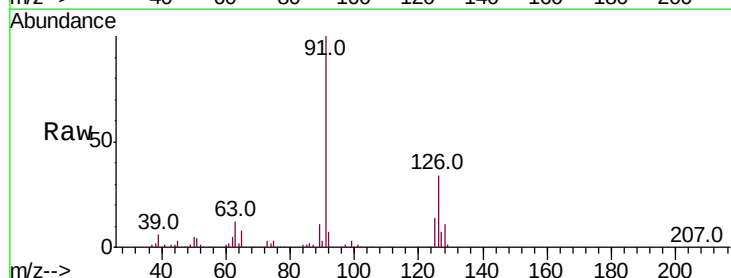
Acq: 25 Nov 2020 16:54

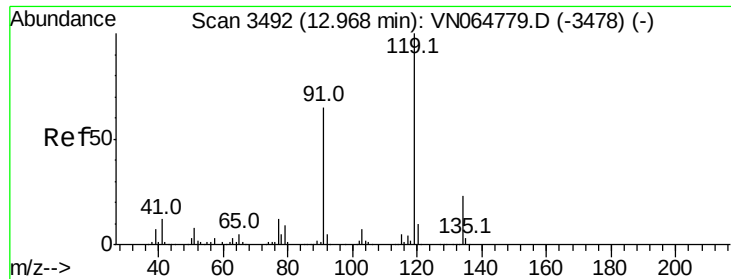
Tgt Ion: 91 Resp: 390064

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7

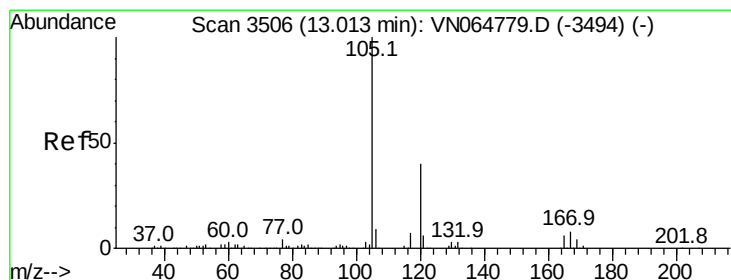
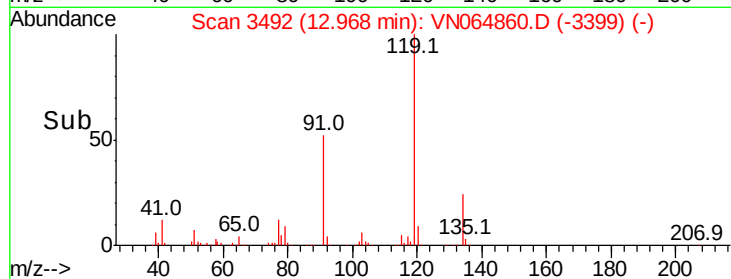
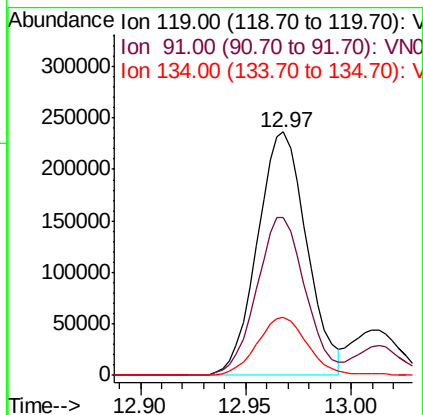
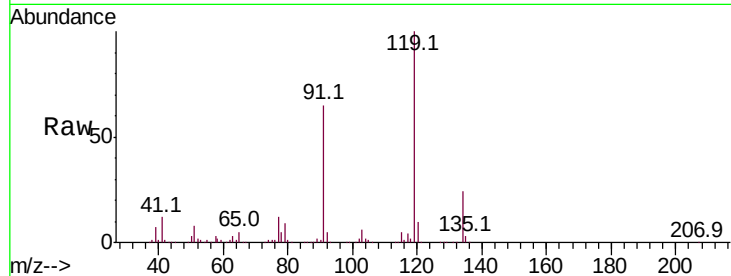




#83
 tert-Butylbenzene
 Concen: 49.493 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

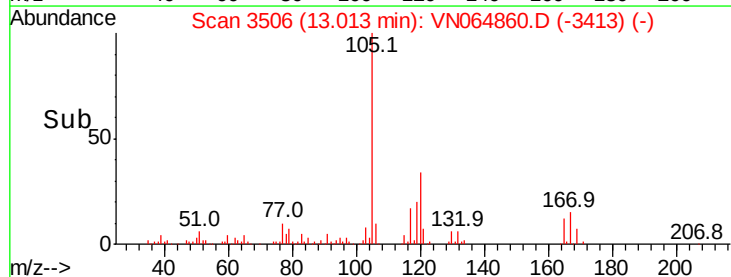
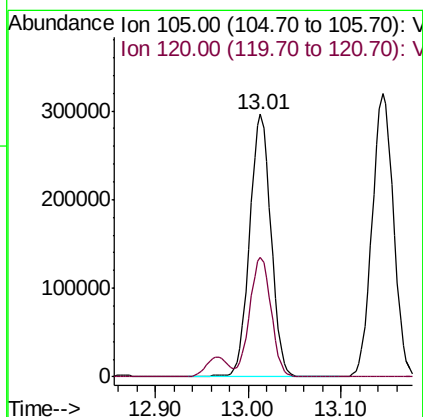
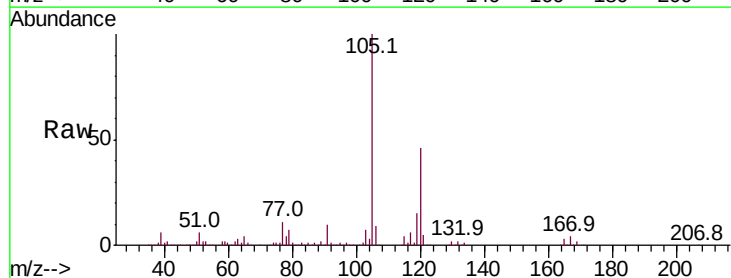
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

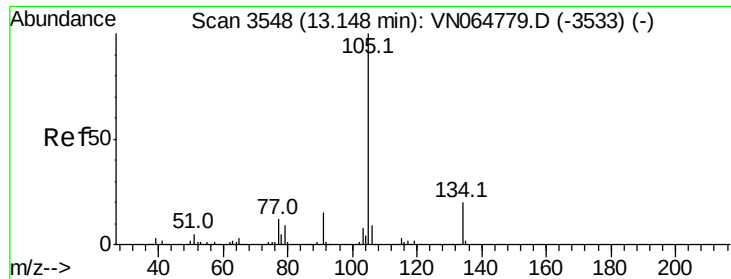
Tot Ion:119 Resp: 384659
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.3 96.8
 134 24.5 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.541 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion:105 Resp: 473816
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.478 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

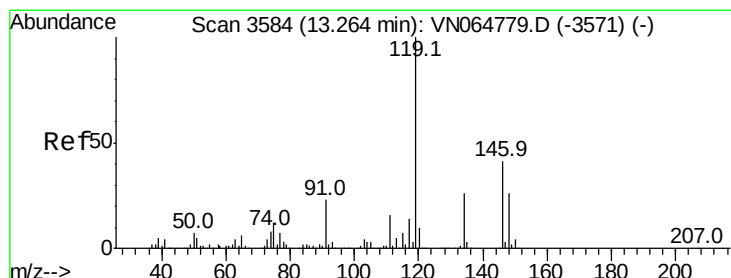
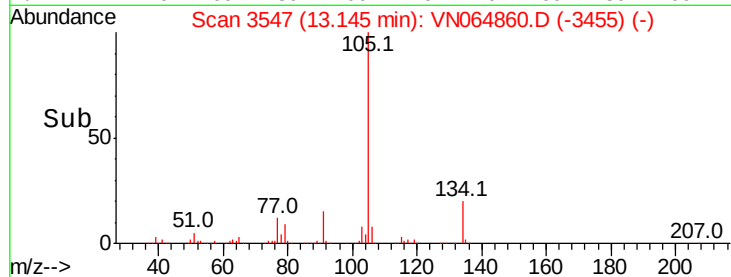
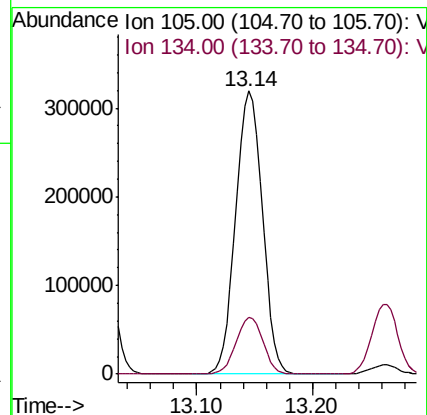
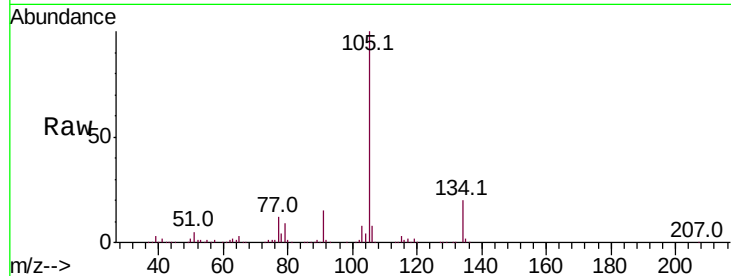
VSTDCCC050EC

Tot Ion:105 Resp: 510566

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.262 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

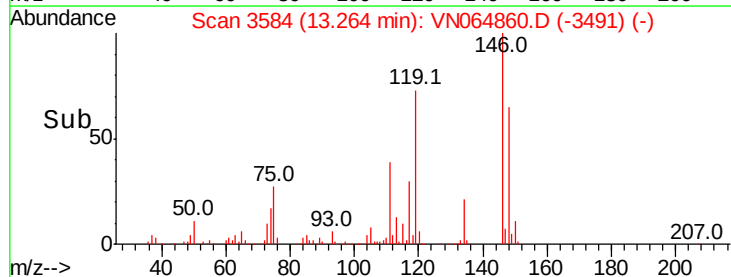
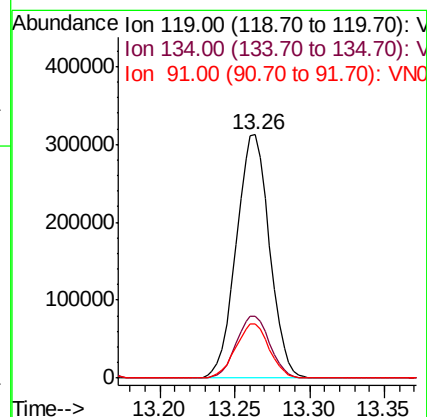
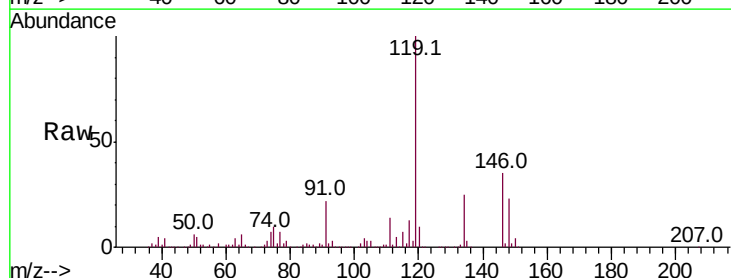
Tgt Ion:119 Resp: 481600

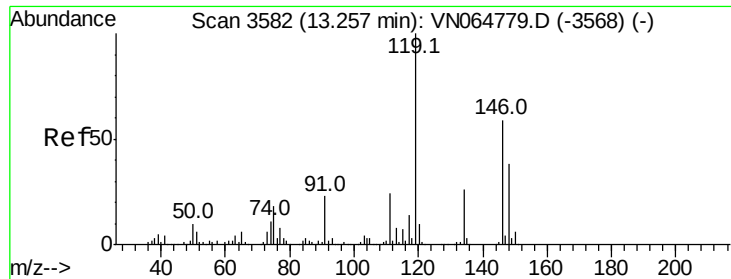
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 22.4 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 46.038 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

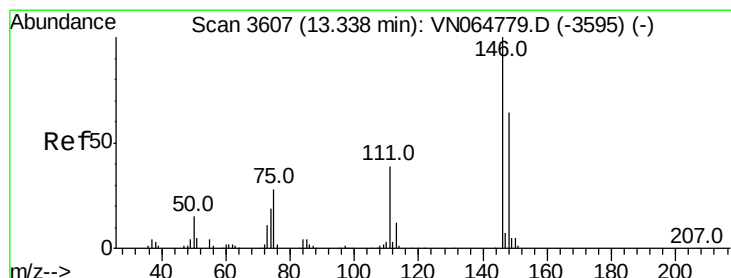
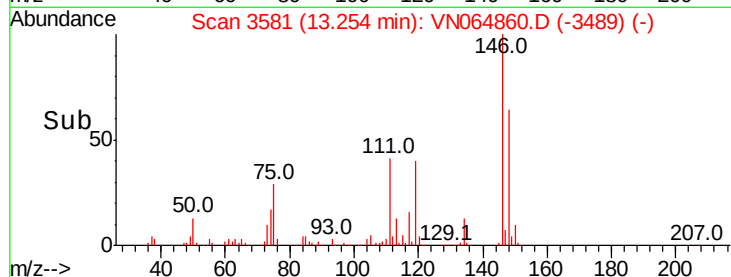
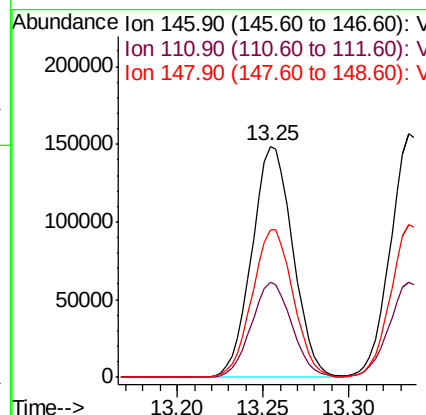
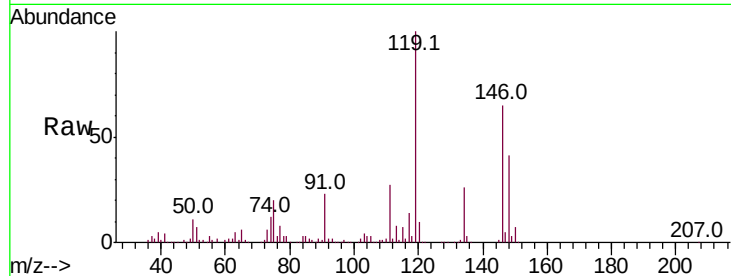
Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 245996

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.9
148	64.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 44.289 ug/l

RT: 13.33 min Scan# 3606

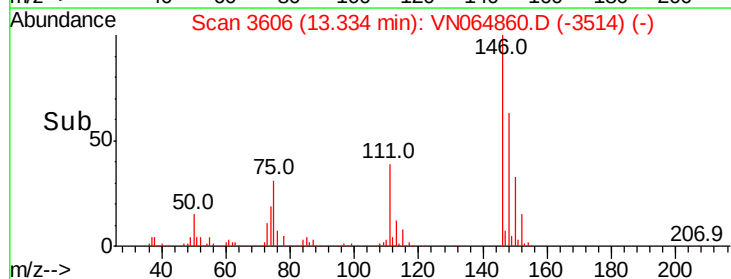
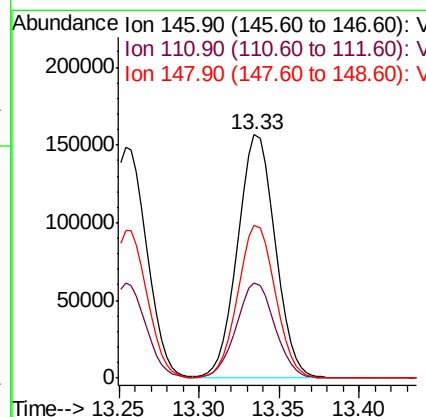
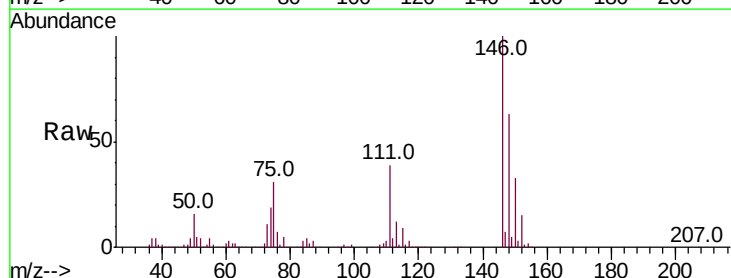
Delta R.T. -0.00 min

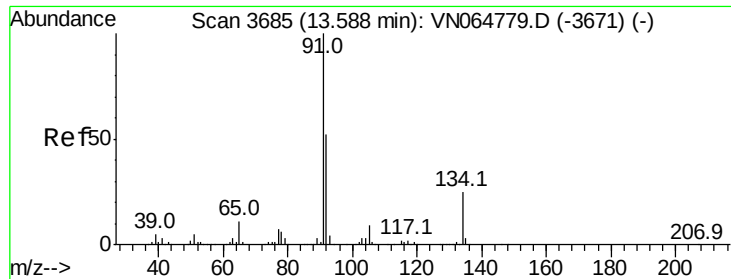
Lab File: VN064860.D

Acq: 25 Nov 2020 16:54

Tgt Ion:146 Resp: 250265

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.3
148	63.1	31.9	95.5

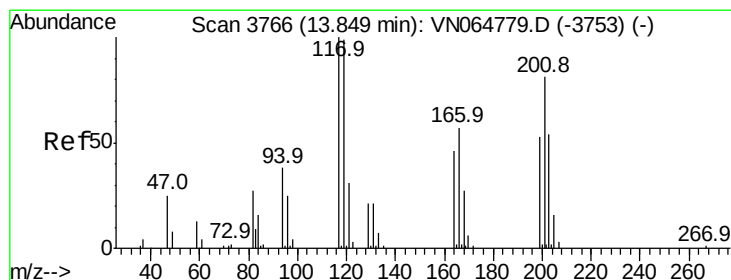
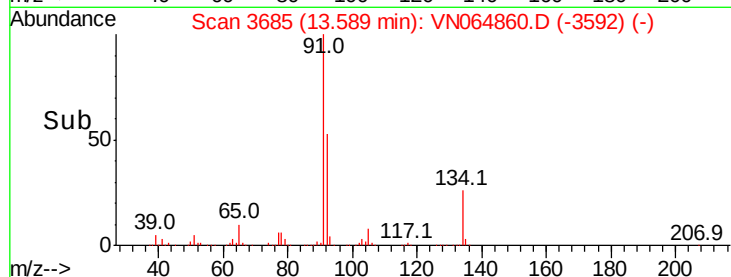
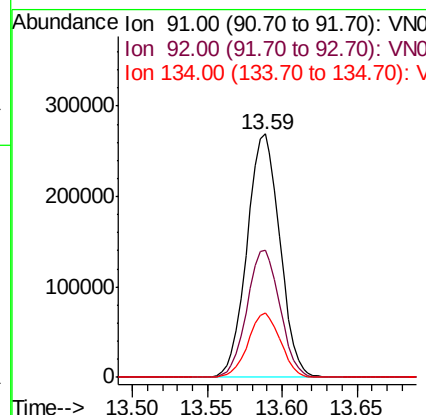
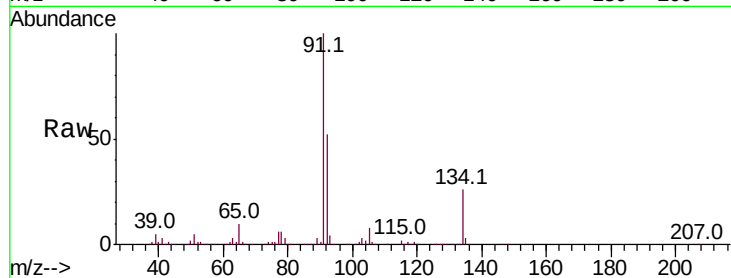




#89
n-Butylbenzene
Concen: 49.908 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

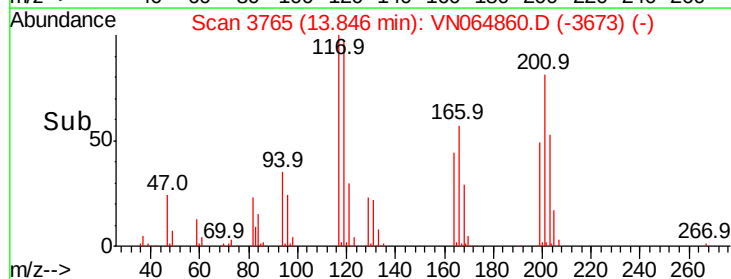
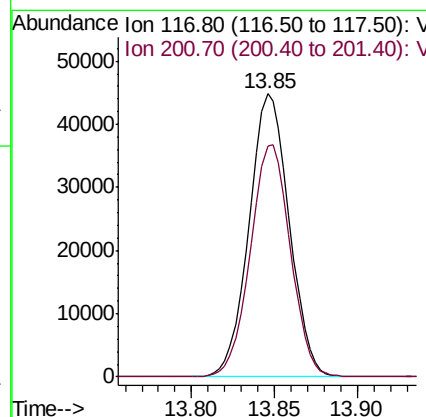
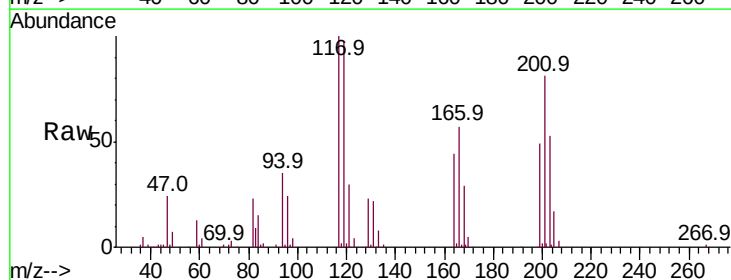
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

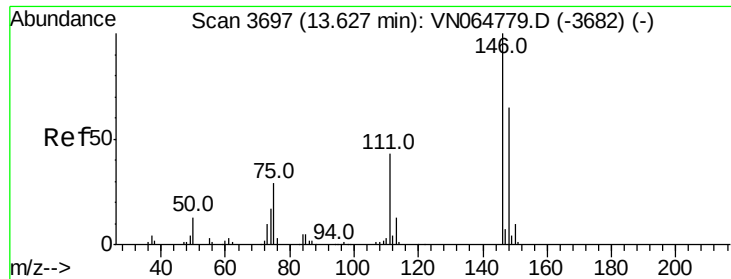
Tot Ion: 91 Resp: 411762
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 46.168 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion: 117 Resp: 75350
Ion Ratio Lower Upper
117 100
201 81.8 40.1 120.3

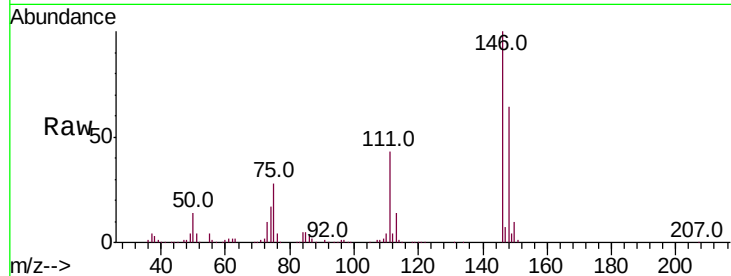




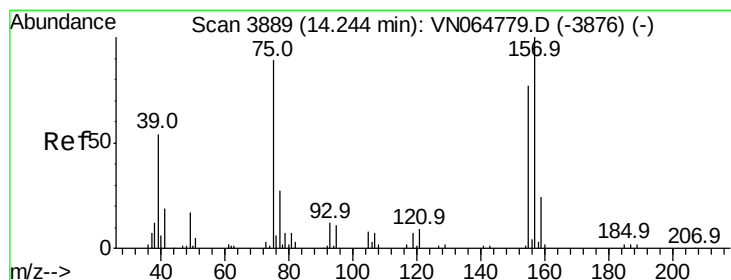
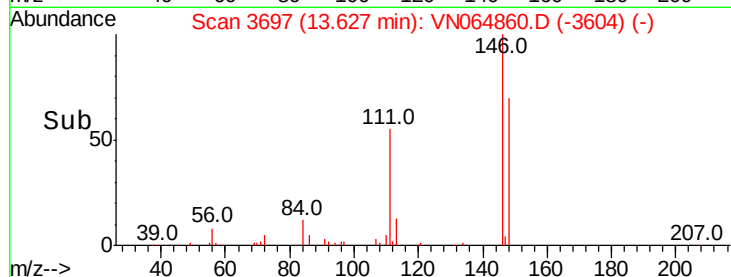
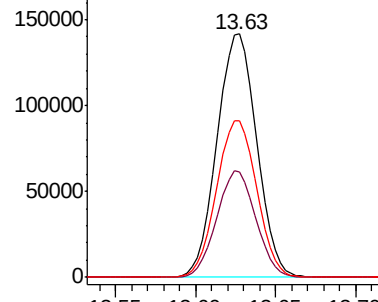
#91
 1,2-Dichlorobenzene
 Concen: 45.881 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 240718
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.1
 148 65.1 32.0 96.2

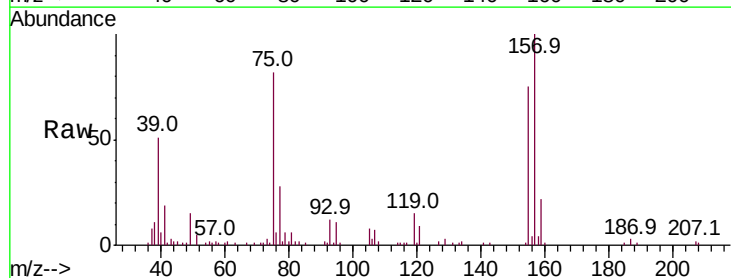


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

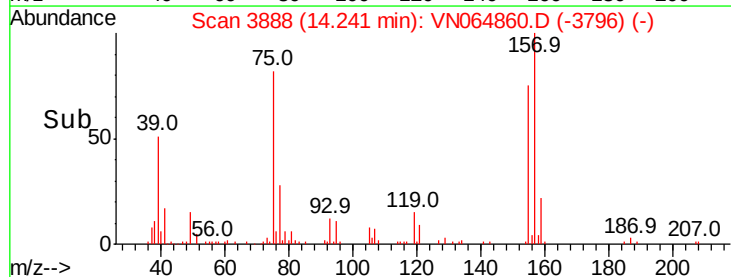
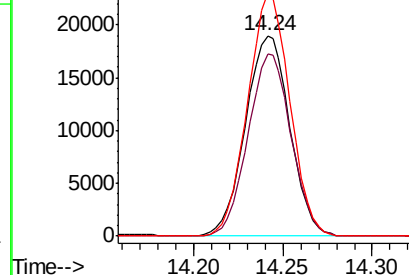


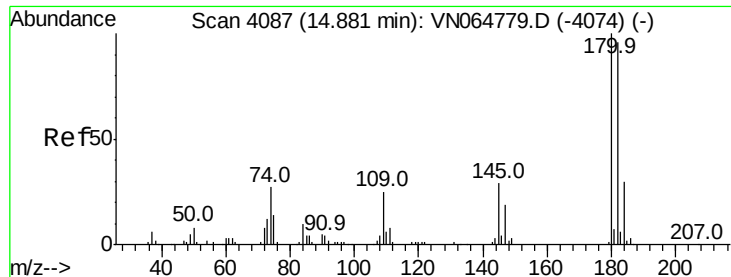
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.844 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion: 75 Resp: 32992
 Ion Ratio Lower Upper
 75 100
 155 88.2 42.8 128.3
 157 115.2 56.4 169.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

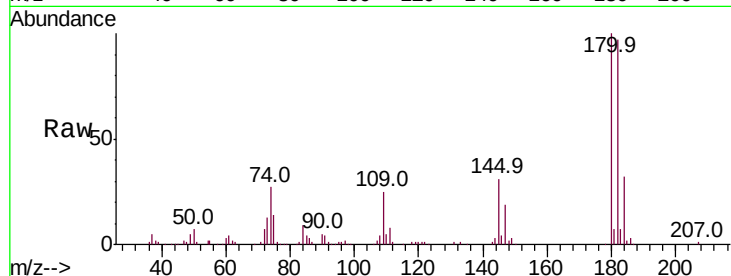




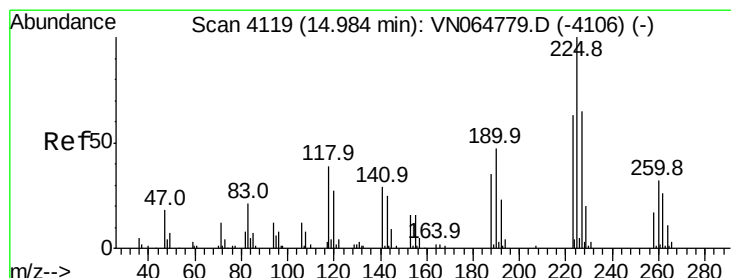
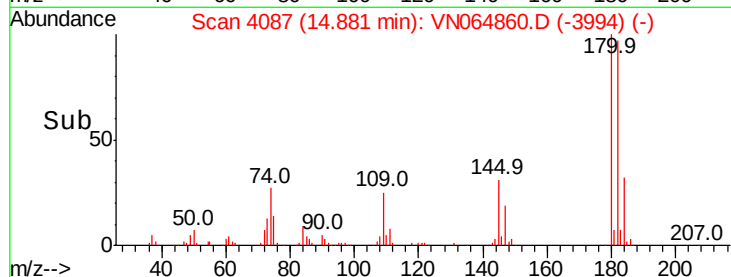
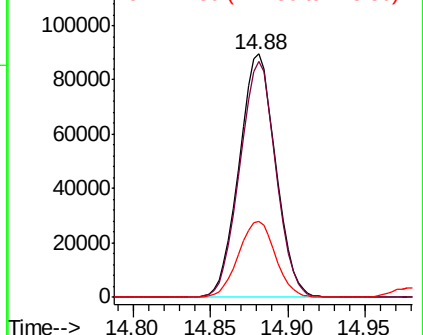
#93
 1,2,4-Trichlorobenzene
 Concen: 45.437 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 147468
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 31.5 15.3 45.8

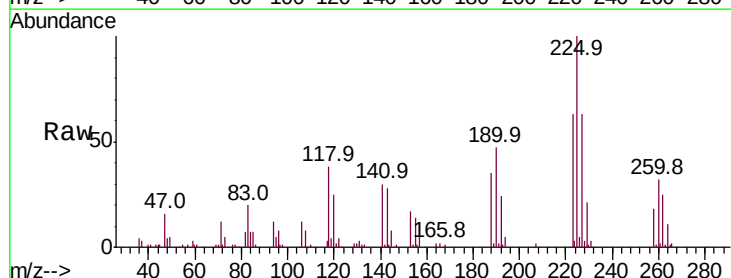


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

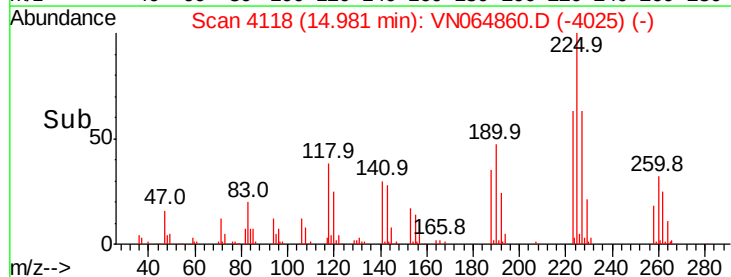
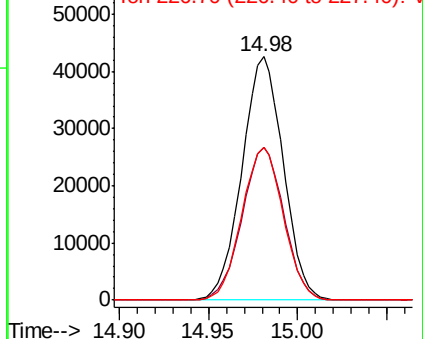


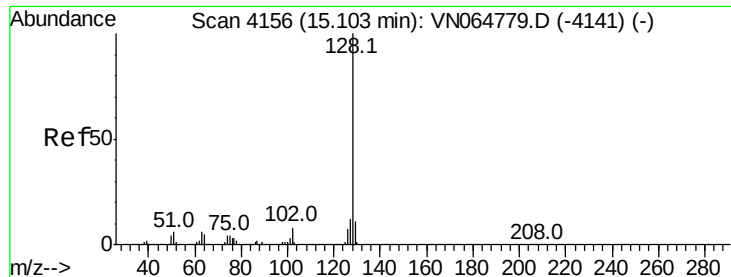
#94
 Hexachlorobutadiene
 Concen: 47.301 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064860.D
 Acq: 25 Nov 2020 16:54

Tgt Ion:225 Resp: 69102
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.0 93.0
 227 63.0 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

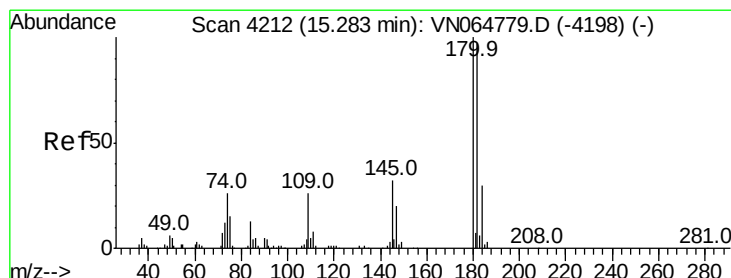
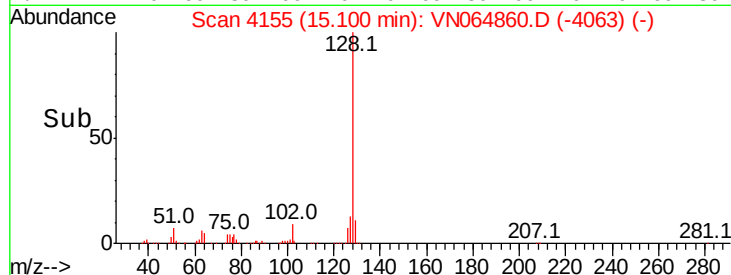
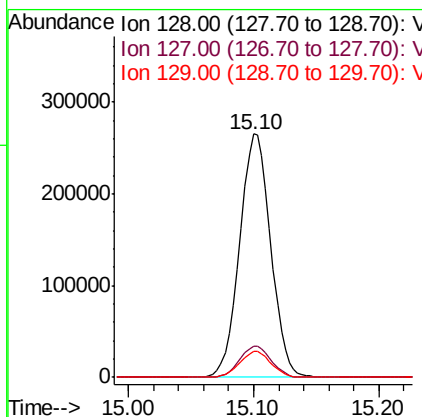
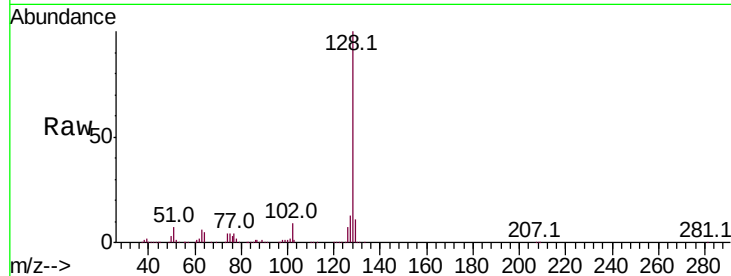




#95
Naphthalene
Concen: 46.946 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 456469
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.917 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064860.D
Acq: 25 Nov 2020 16:54

Tgt Ion:180 Resp: 141260
Ion Ratio Lower Upper
180 100
182 96.6 48.1 144.4
145 32.9 16.4 49.1

