

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064874.D
 Acq On : 1 Dec 2020 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 02 00:15:06 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	212327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	115583	46.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.64%
35) Dibromofluoromethane	7.55	113	98173	52.98	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.96%
50) Toluene-d8	10.06	98	387257	51.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.30%
62) 4-Bromofluorobenzene	12.37	95	139566	51.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	77624	42.183	ug/l 98
3) Chloromethane	2.04	50	99715	41.699	ug/l 100
4) Vinyl Chloride	2.16	62	105634	42.370	ug/l 97
5) Bromomethane	2.52	94	65355	39.955	ug/l 98
6) Chloroethane	2.67	64	67874	44.017	ug/l 99
7) Trichlorofluoromethane	2.98	101	154634	44.870	ug/l 96
8) Diethyl Ether	3.37	74	60498	44.473	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	96831	46.838	ug/l 99
10) Methyl Iodide	3.90	142	113818	42.444	ug/l 98
11) Tert butyl alcohol	4.75	59	83651	217.298	ug/l 99
12) 1,1-Dichloroethene	3.69	96	93231	45.281	ug/l 99
13) Acrolein	3.56	56	62360	265.204	ug/l 98
14) Allyl chloride	4.27	41	150662	44.366	ug/l 99
15) Acrylonitrile	4.93	53	253582	238.450	ug/l 98
16) Acetone	3.78	43	178514	219.995	ug/l 96
17) Carbon Disulfide	4.00	76	235296	44.261	ug/l 98
18) Methyl Acetate	4.28	43	117288	48.075	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	311784	47.215	ug/l 100
20) Methylene Chloride	4.50	84	111083	43.687	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	102985	45.042	ug/l 95
22) Diisopropyl ether	5.90	45	328036	48.261	ug/l 99
23) Vinyl Acetate	5.84	43	1309605	240.935	ug/l 99
24) 1,1-Dichloroethane	5.79	63	189689	46.696	ug/l 99
25) 2-Butanone	6.79	43	307021	233.406	ug/l 96
26) 2,2-Dichloropropane	6.77	77	157337	44.658	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	121162	47.093	ug/l 96
28) Bromochloromethane	7.15	49	85608	46.067	ug/l 99
29) Tetrahydrofuran	7.17	42	208434	229.551	ug/l 98
30) Chloroform	7.33	83	195600	46.692	ug/l 99
31) Cyclohexane	7.61	56	149851	43.556	ug/l 97
32) 1,1,1-Trichloroethane	7.52	97	165698	46.054	ug/l 99
36) 1,1-Dichloropropene	7.75	75	143266	49.912	ug/l 99
37) Ethyl Acetate	6.88	43	129020	46.663	ug/l 98
38) Carbon Tetrachloride	7.73	117	149090	49.920	ug/l 97

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 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)
39) Methylcyclohexane	9.05	83	156639	50.693	ug/l	98
40) Benzene	8.00	78	441413	50.185	ug/l	97
41) Methacrylonitrile	7.12	41	67230	52.697	ug/l	89
42) 1,2-Dichloroethane	8.08	62	145035	48.879	ug/l	99
43) Isopropyl Acetate	8.13	43	217919	48.980	ug/l	99
44) Trichloroethene	8.80	130	128473	49.504	ug/l	97
45) 1,2-Dichloropropane	9.08	63	119113	52.293	ug/l	99
46) Dibromomethane	9.17	93	77325	50.814	ug/l	98
47) Bromodichloromethane	9.37	83	157955	51.587	ug/l	98
48) Methyl methacrylate	9.16	41	103793	48.822	ug/l	96
49) 1,4-Dioxane	9.17	88	41213	1025.693	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	678555	254.045	ug/l	100
52) Toluene	10.12	92	274361	50.650	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	171194	50.198	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	186981	51.151	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	113865	51.119	ug/l	98
56) Ethyl methacrylate	10.40	69	160373	52.175	ug/l	99
57) 1,3-Dichloropropane	10.68	76	187053	50.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	441640	261.203	ug/l	99
59) 2-Hexanone	10.72	43	497122	258.611	ug/l	100
60) Dibromochloromethane	10.87	129	127029	51.305	ug/l	99
61) 1,2-Dibromoethane	10.98	107	116736	51.584	ug/l	99
64) Tetrachloroethene	10.60	164	146738	51.755	ug/l	98
65) Chlorobenzene	11.41	112	307612	49.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	116970	50.858	ug/l	99
67) Ethyl Benzene	11.48	91	526557	50.365	ug/l	100
68) m/p-Xylenes	11.59	106	410849	103.795	ug/l	100
69) o-Xylene	11.92	106	195256	51.982	ug/l	99
70) Styrene	11.94	104	339794	53.586	ug/l	99
71) Bromoform	12.10	173	89832	48.903	ug/l #	99
73) Isopropylbenzene	12.22	105	521620	50.205	ug/l	100
74) N-amyl acetate	12.04	43	193857	47.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	139564	45.829	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	210019	65.288	ug/l #	100
77) Bromobenzene	12.50	156	132815	47.416	ug/l	99
78) n-propylbenzene	12.57	91	602872	50.935	ug/l	99
79) 2-Chlorotoluene	12.65	91	354965	48.517	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	443476	51.352	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	54862	46.743	ug/l	99
82) 4-Chlorotoluene	12.75	91	372808	48.613	ug/l	98
83) tert-Butylbenzene	12.97	119	371487	51.320	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	452490	51.822	ug/l	100
85) sec-Butylbenzene	13.14	105	498201	51.837	ug/l	99
86) p-Isopropyltoluene	13.26	119	469484	53.655	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	241203	48.468	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	244371	46.432	ug/l	100
89) n-Butylbenzene	13.59	91	396638	51.617	ug/l	100
90) Hexachloroethane	13.85	117	76487	50.318	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	235778	48.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31057	45.325	ug/l	98

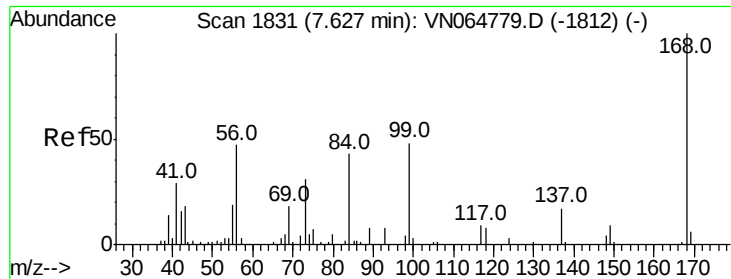
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	142317	47.081	ug/l	100
94) Hexachlorobutadiene	14.98	225	69940	51.370	ug/l	99
95) Naphthalene	15.10	128	412933	45.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	136402	47.554	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

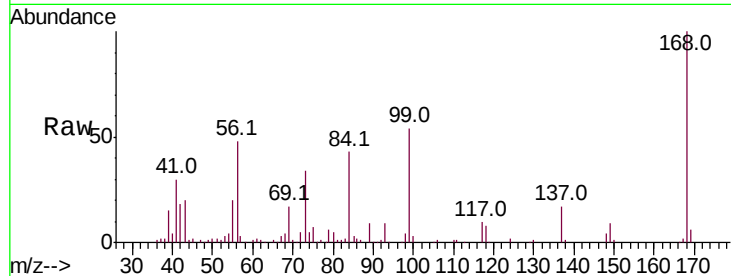
VSTDCCC050

Tot Ion:168 Resp: 212327

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

60000

40000

20000

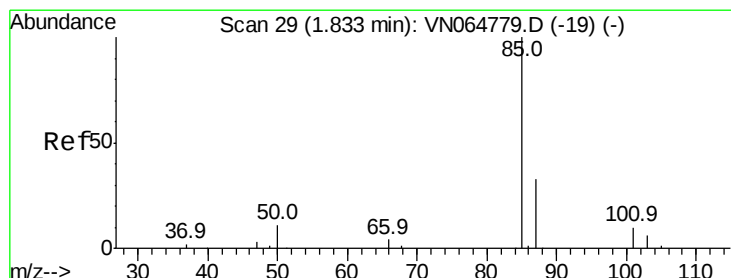
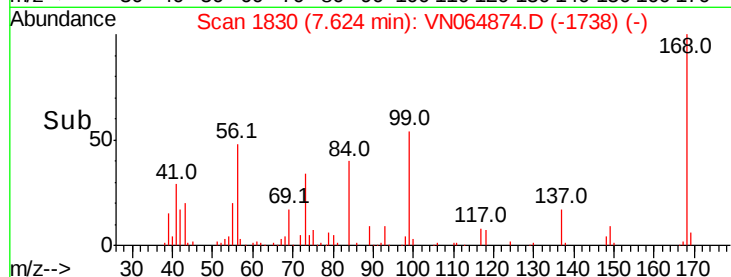
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Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 42.183 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064874.D

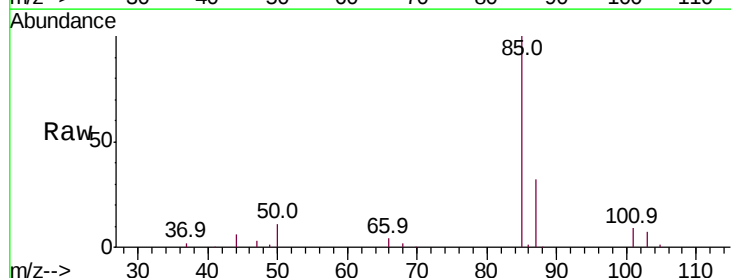
Acq: 1 Dec 2020 10:55

Tgt Ion: 85 Resp: 77624

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

40000

20000

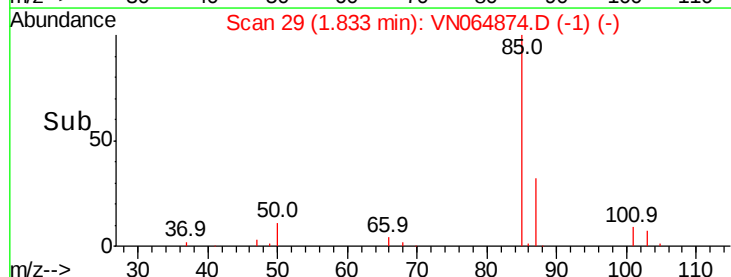
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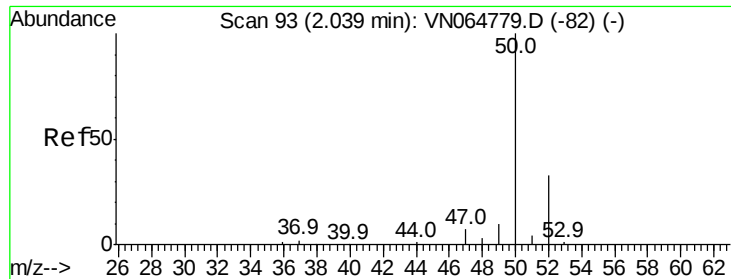
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 41.699 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

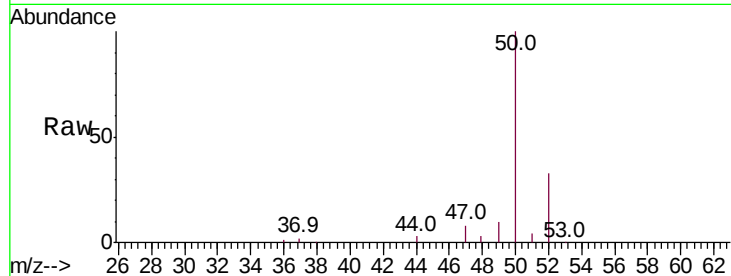
VSTDCCC050

Tot Ion: 50 Resp: 99715

Ion Ratio Lower Upper

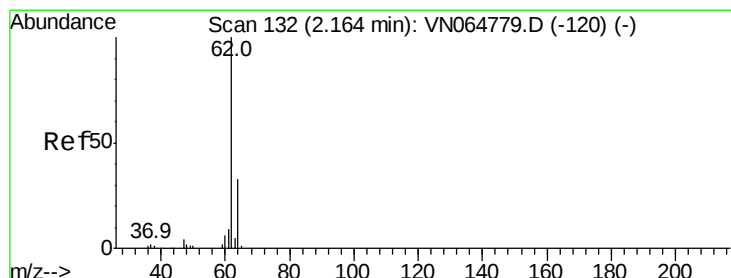
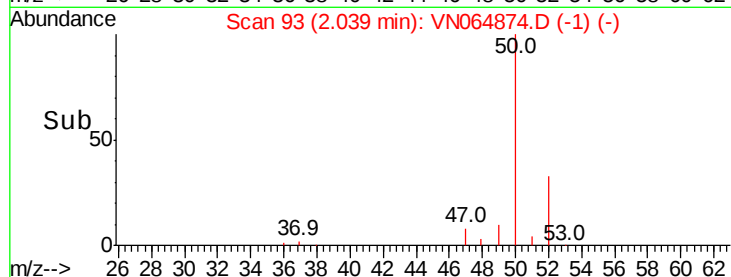
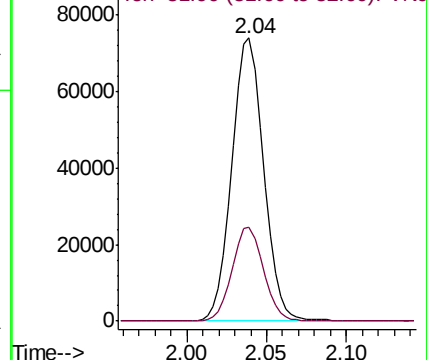
50 100

52 33.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 42.370 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064874.D

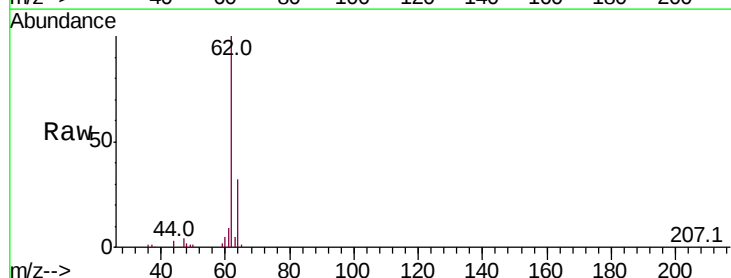
Acq: 1 Dec 2020 10:55

Tgt Ion: 62 Resp: 105634

Ion Ratio Lower Upper

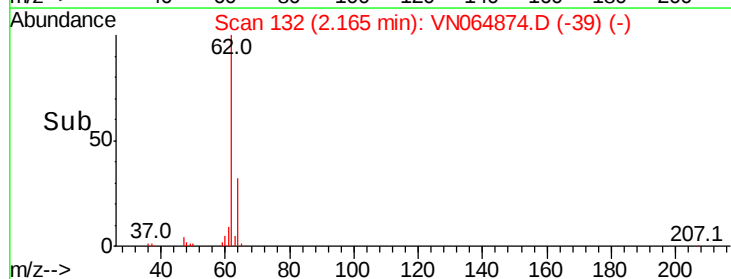
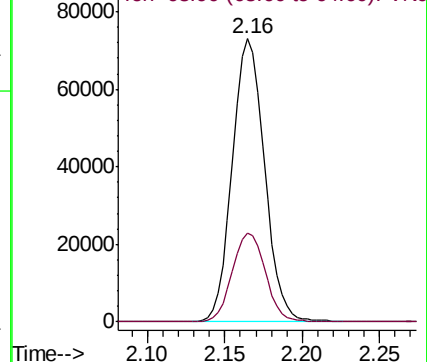
62 100

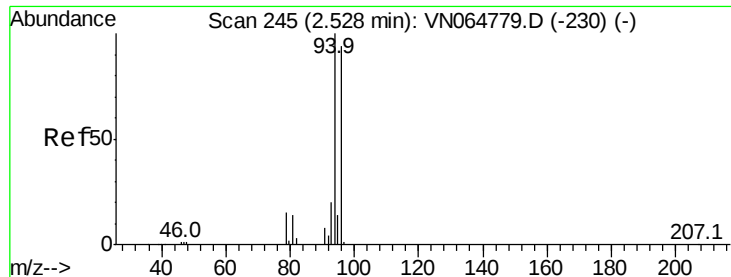
64 31.6 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 39.955 ug/l

RT: 2.52 min Scan# 242

Delta R.T. -0.01 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

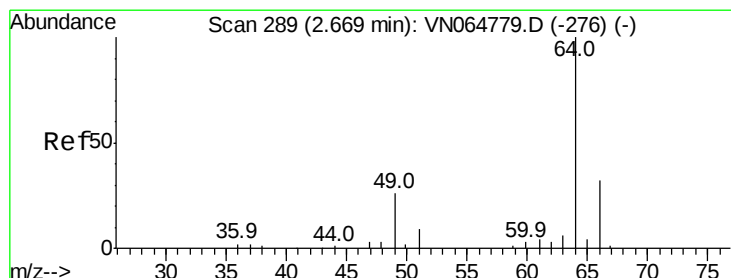
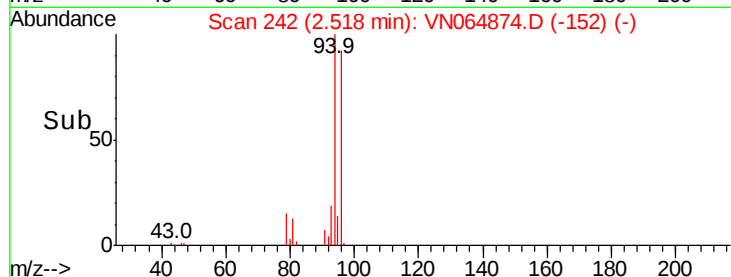
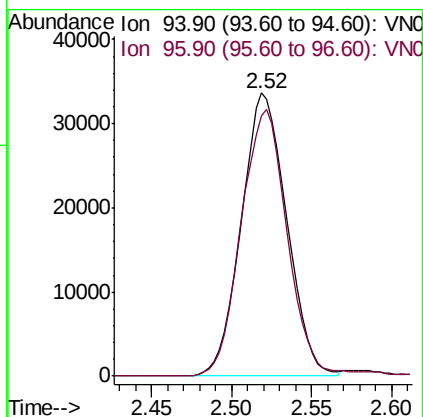
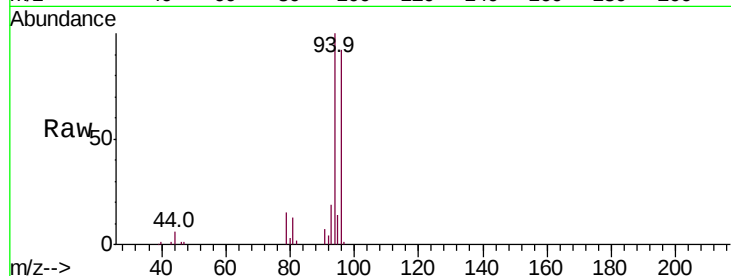
VSTDCCC050

Tot Ion: 94 Resp: 65355

Ion Ratio Lower Upper

94 100

96 92.1 75.4 113.0



#6

Chloroethane

Concen: 44.017 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064874.D

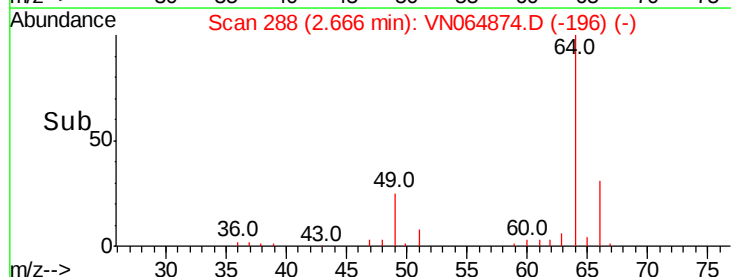
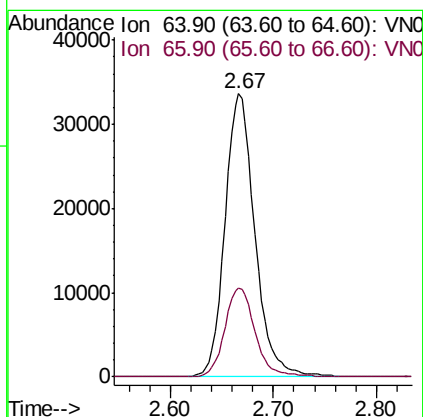
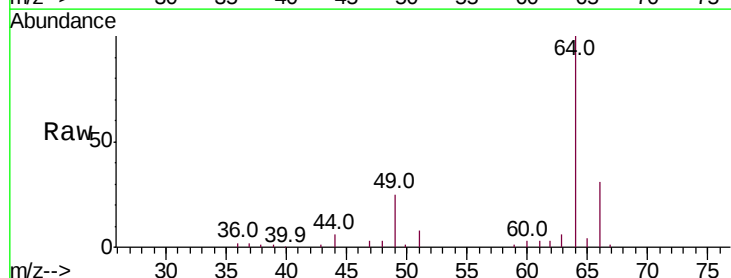
Acq: 1 Dec 2020 10:55

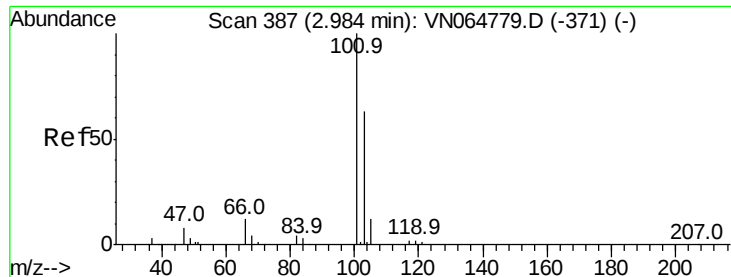
Tgt Ion: 64 Resp: 67874

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4



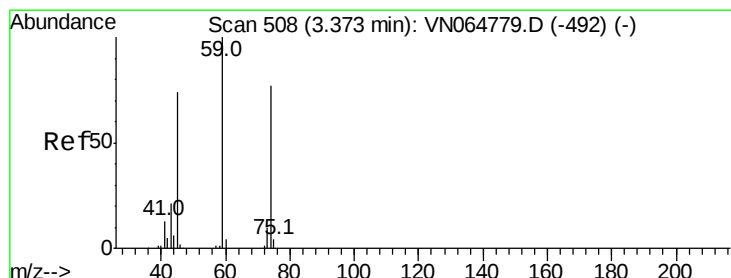
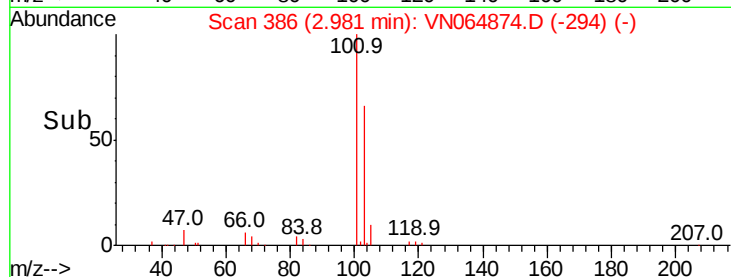
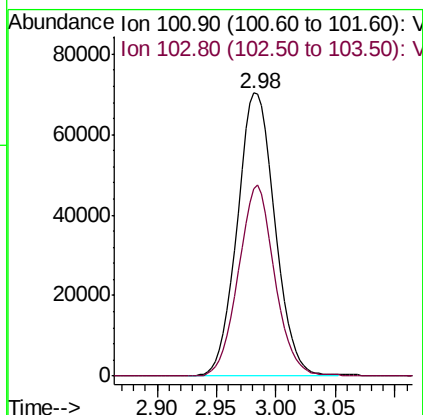
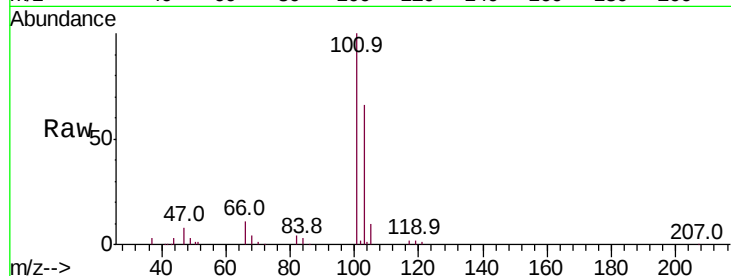


#7

Trichlorofluoromethane
Concen: 44.870 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

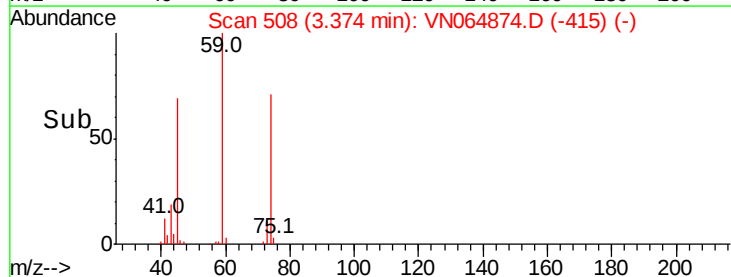
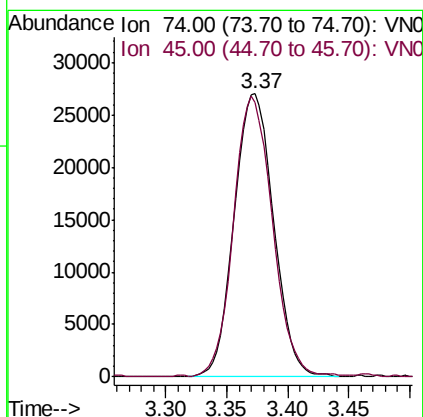
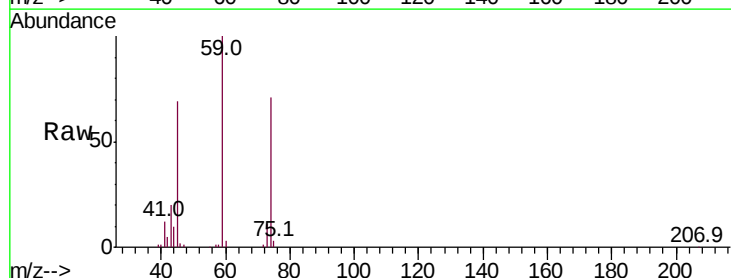
Tot Ion:101 Resp: 154634
Ion Ratio Lower Upper
101 100
103 66.4 50.5 75.7

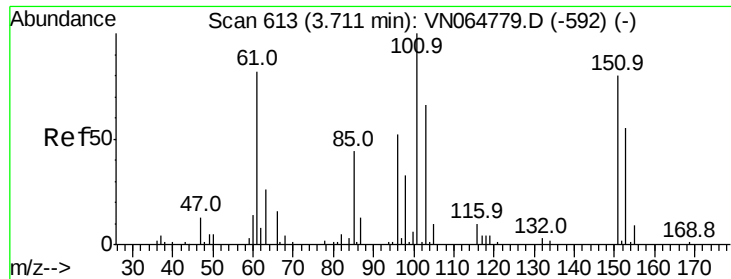


#8

Diethyl Ether
Concen: 44.473 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 74 Resp: 60498
Ion Ratio Lower Upper
74 100
45 98.1 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.838 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

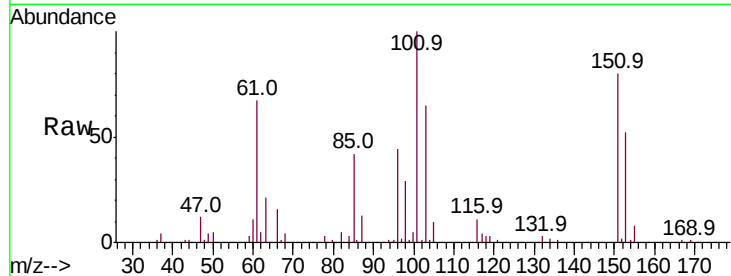
Tot Ion:101 Resp: 96831

Ion Ratio Lower Upper

101 100

85 41.7 34.4 51.6

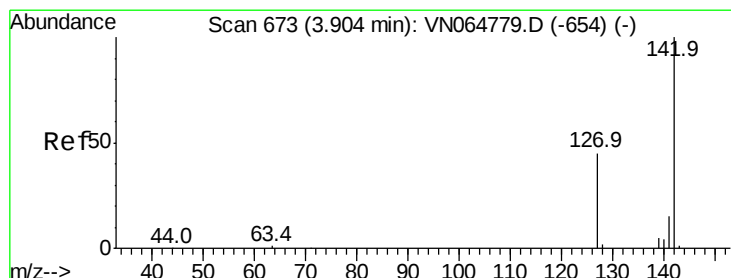
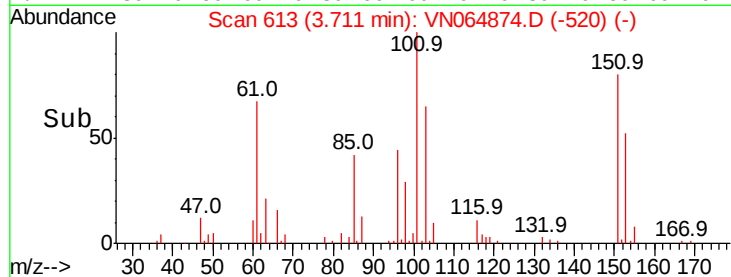
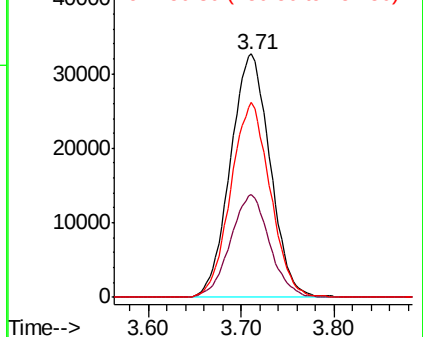
151 79.5 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.444 ug/l

RT: 3.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

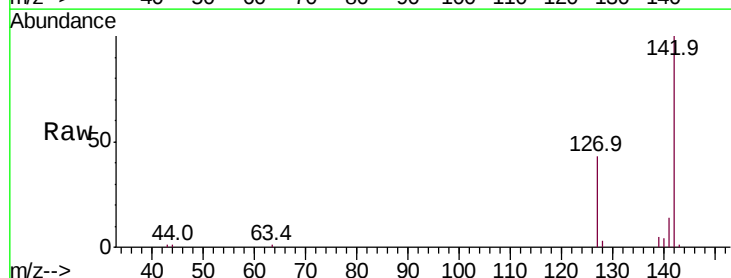
Tgt Ion:142 Resp: 113818

Ion Ratio Lower Upper

142 100

127 42.6 35.0 52.6

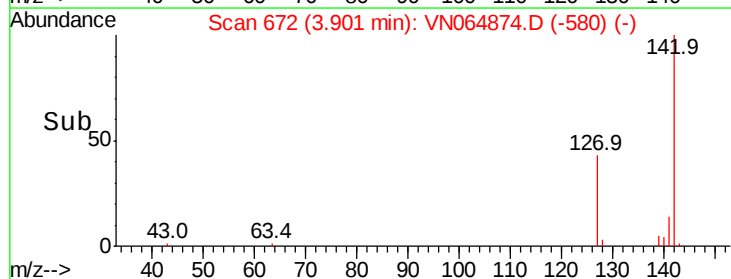
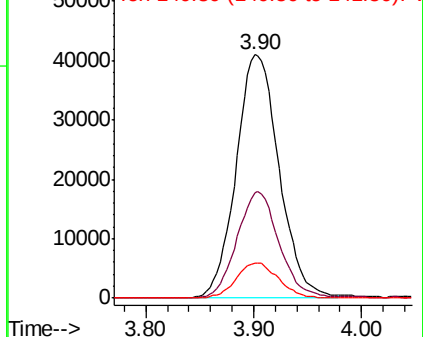
141 14.2 11.8 17.6

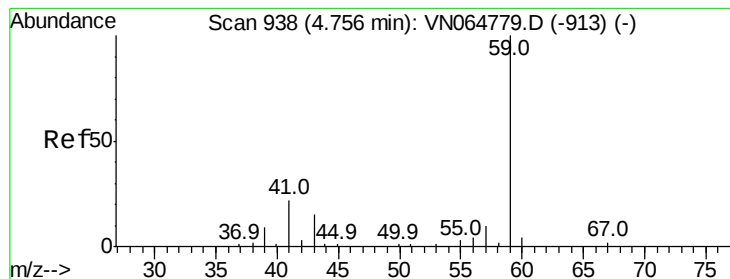


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



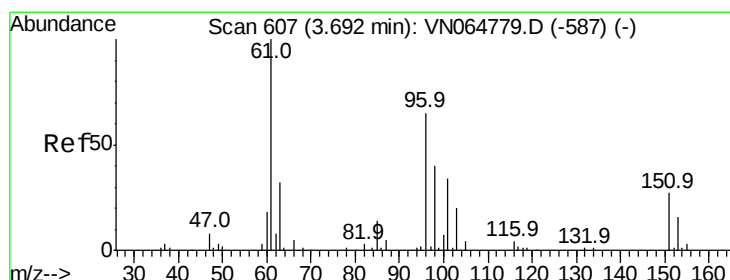
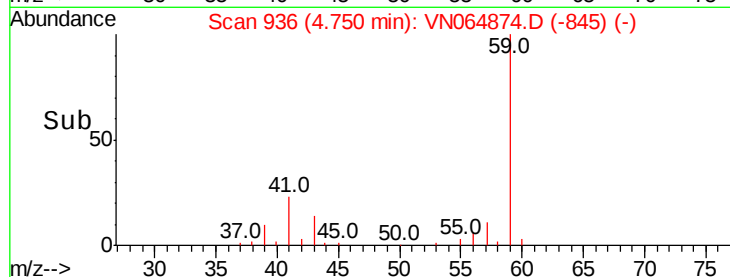
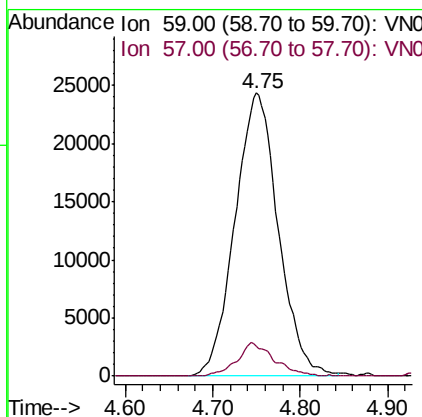
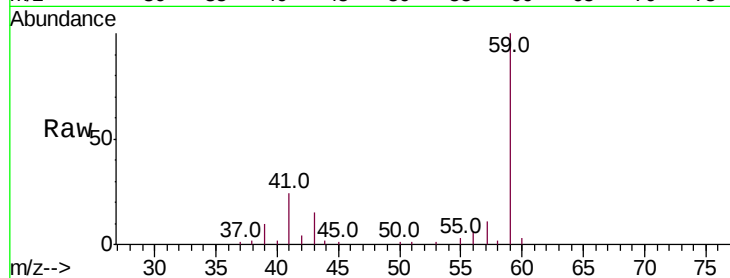


#11

Tert butyl alcohol
 Concen: 217.298 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

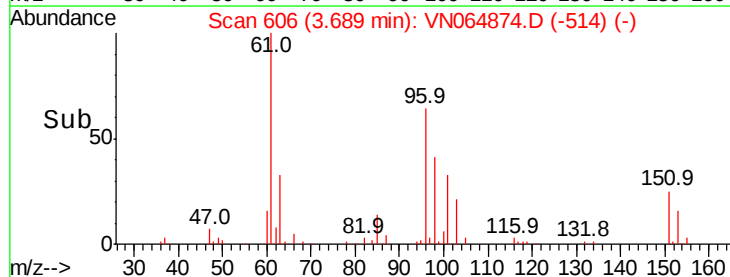
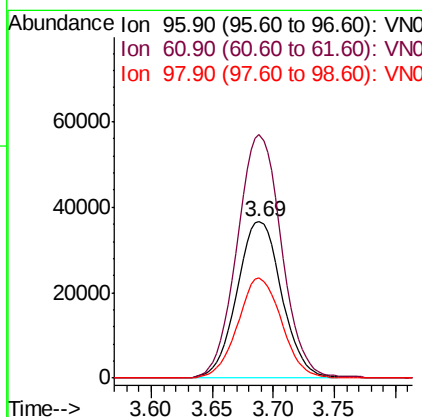
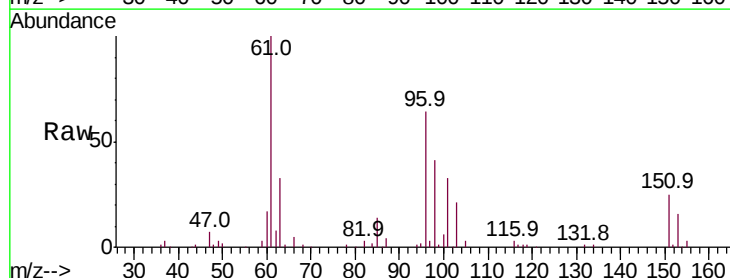
Tot Ion: 59 Resp: 83651
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.9 11.9

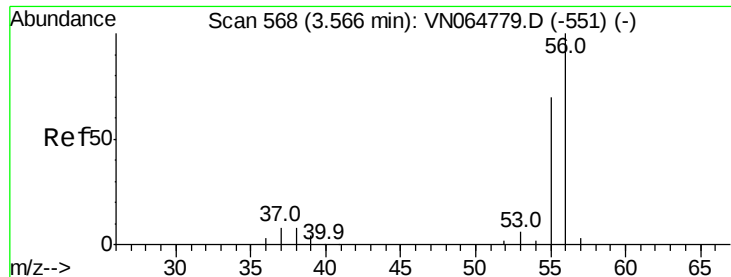


#12

1,1-Dichloroethene
 Concen: 45.281 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 96 Resp: 93231
 Ion Ratio Lower Upper
 96 100
 61 155.6 123.4 185.2
 98 63.9 49.8 74.8





#13

Acrolein

Concen: 265.204 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

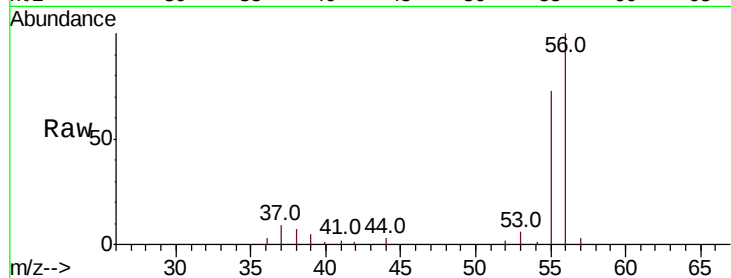
VSTDCCC050

Tot Ion: 56 Resp: 62360

Ion Ratio Lower Upper

56 100

55 71.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064874.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064874.D (-551) (-)

3.56

25000

20000

15000

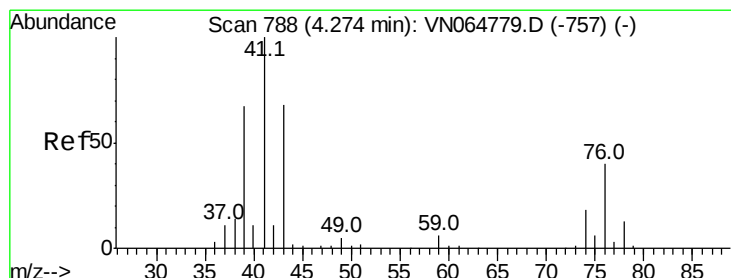
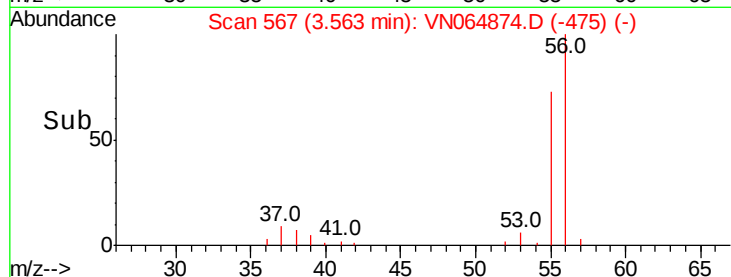
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 44.366 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

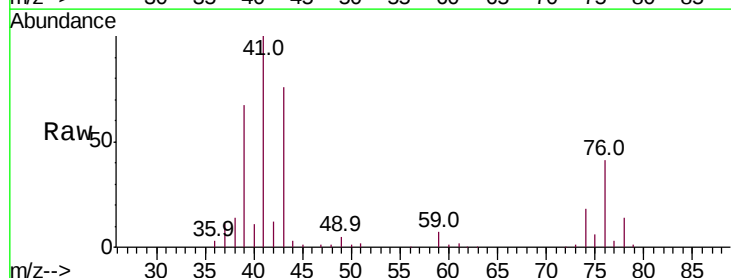
Tgt Ion: 41 Resp: 150662

Ion Ratio Lower Upper

41 100

39 62.4 50.9 76.3

76 35.8 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN064874.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064874.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064874.D (-695) (-)

4.27

60000

50000

40000

30000

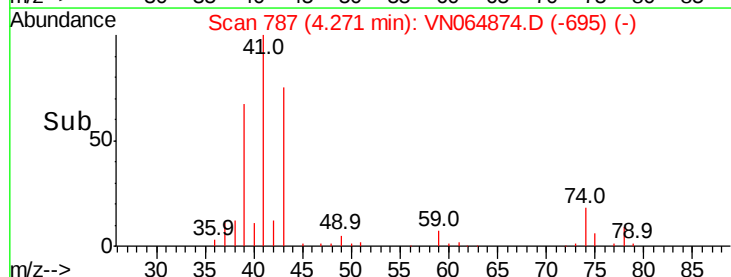
20000

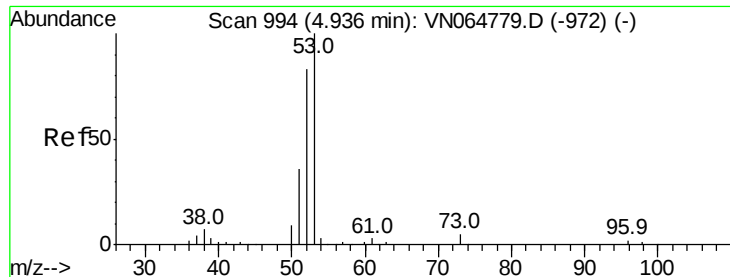
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 238.450 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

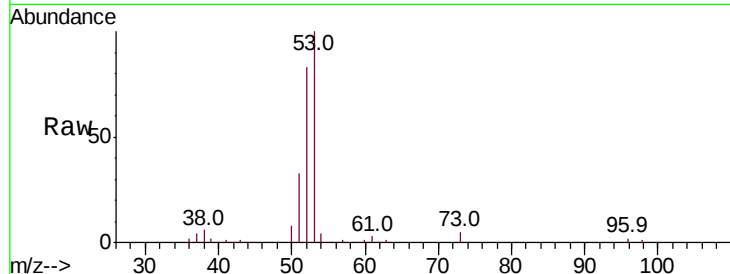
Tot Ion: 53 Resp: 253582

Ion Ratio Lower Upper

53 100

52 79.8 65.5 98.3

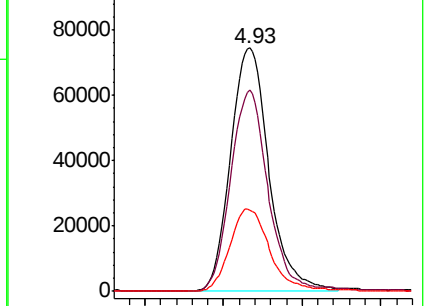
51 34.7 28.6 43.0



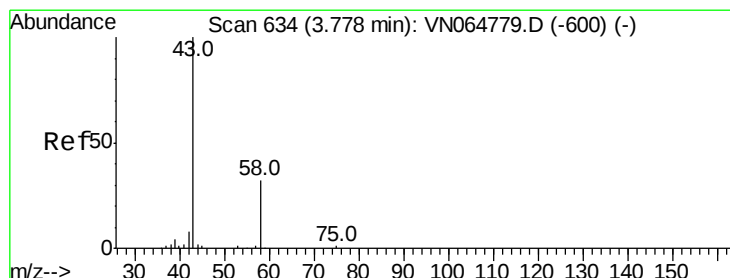
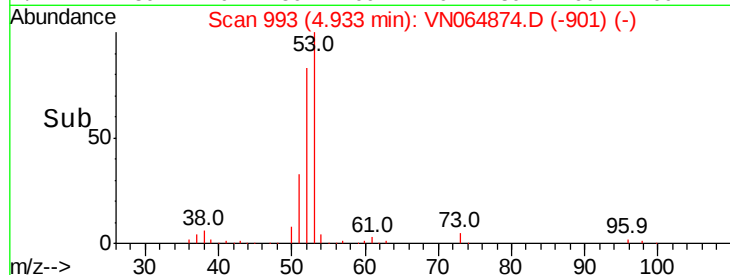
Abundance Ion 53.00 (52.70 to 53.70): VN064874.D (-993) (-)

Ion 52.00 (51.70 to 52.70): VN064874.D (-993) (-)

Ion 51.00 (50.70 to 51.70): VN064874.D (-993) (-)



Time-->



#16

Acetone

Concen: 219.995 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064874.D

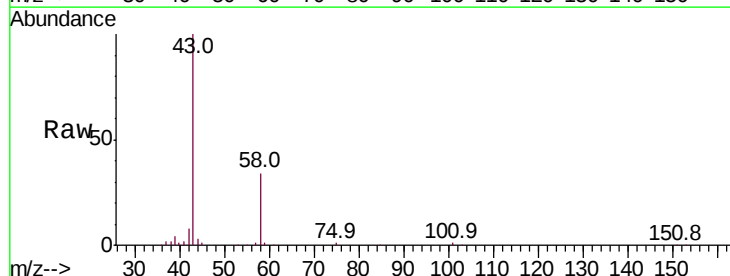
Acq: 1 Dec 2020 10:55

Tgt Ion: 43 Resp: 178514

Ion Ratio Lower Upper

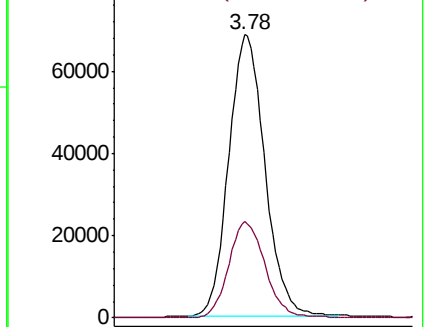
43 100

58 34.2 25.7 38.5

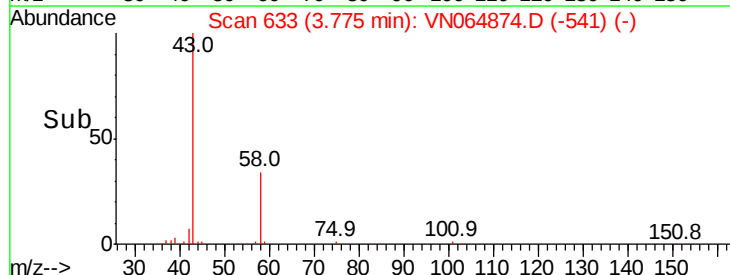


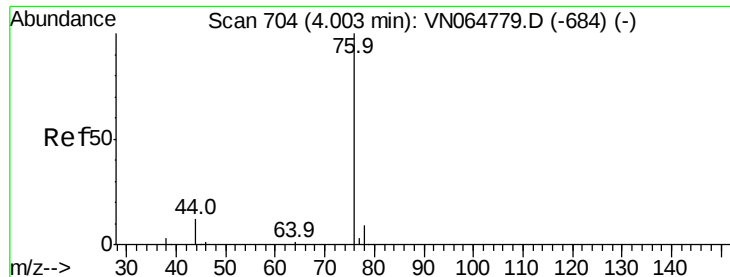
Abundance Ion 43.00 (42.70 to 43.70): VN064874.D (-633) (-)

Ion 58.00 (57.70 to 58.70): VN064874.D (-633) (-)



Time-->

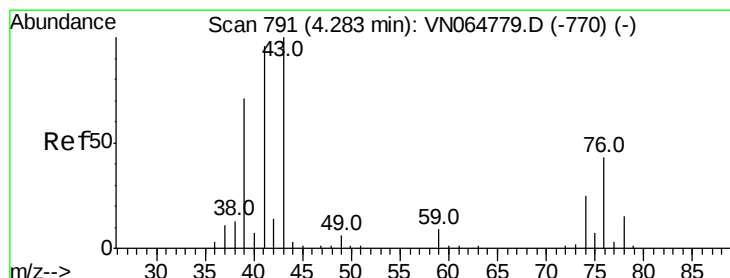
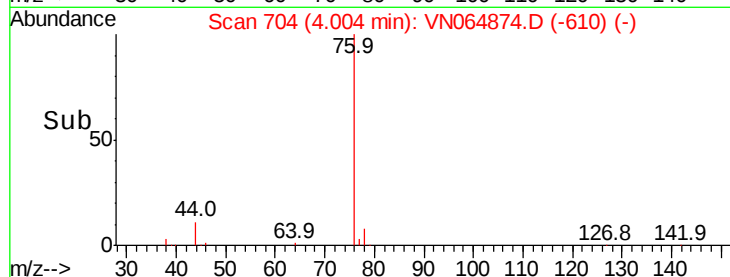
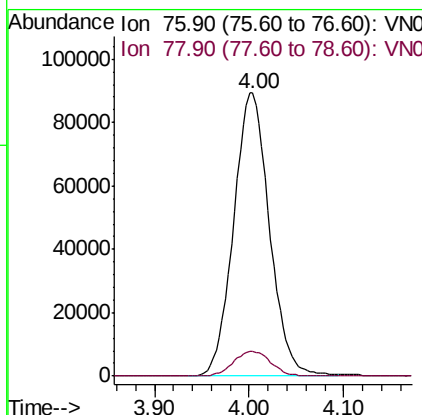
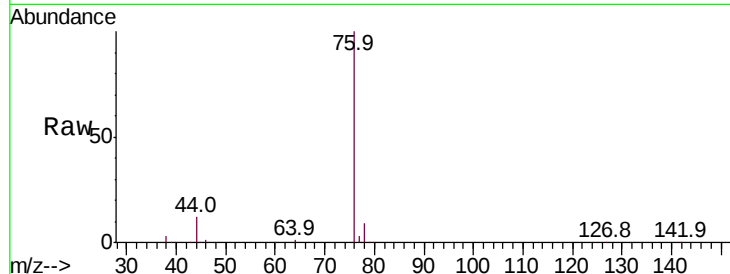




#17
Carbon Disulfide
Concen: 44.261 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

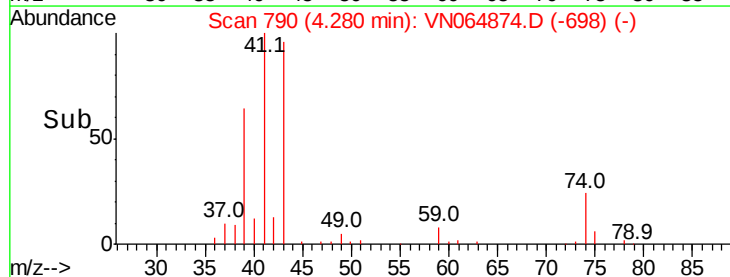
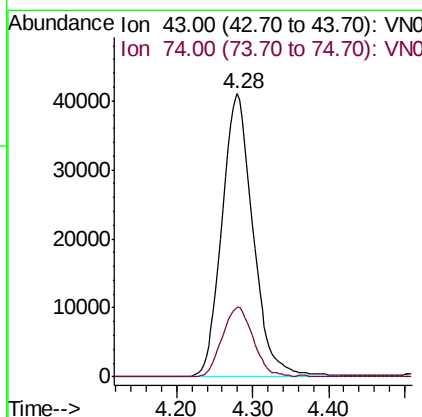
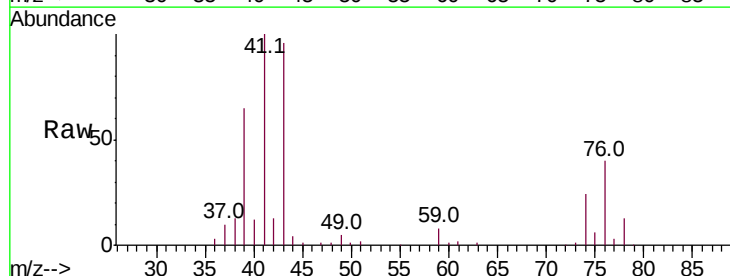
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

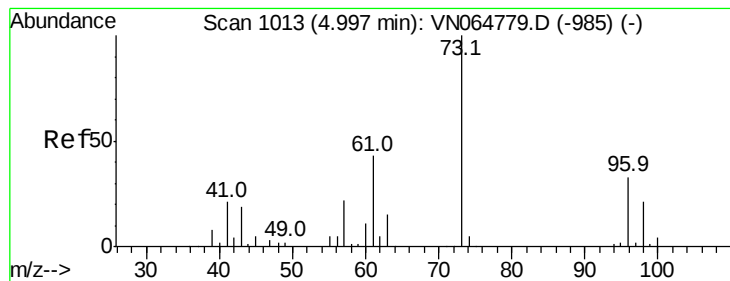
Tot Ion: 76 Resp: 235296
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 48.075 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 43 Resp: 117288
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.2



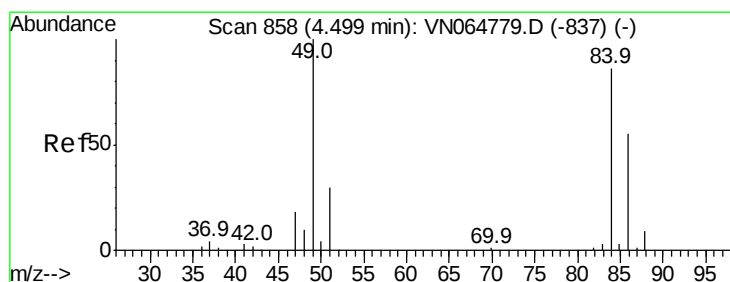
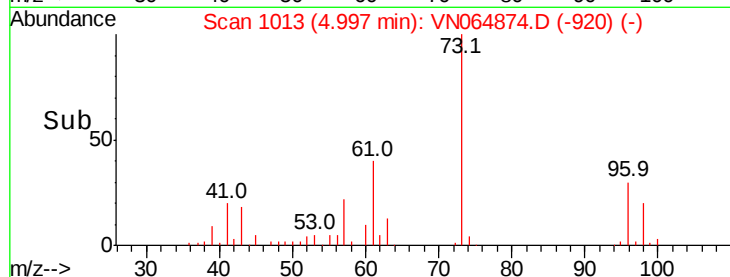
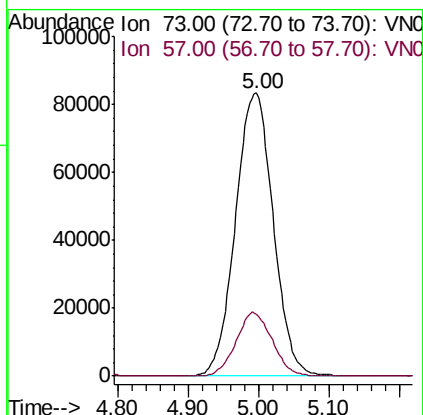
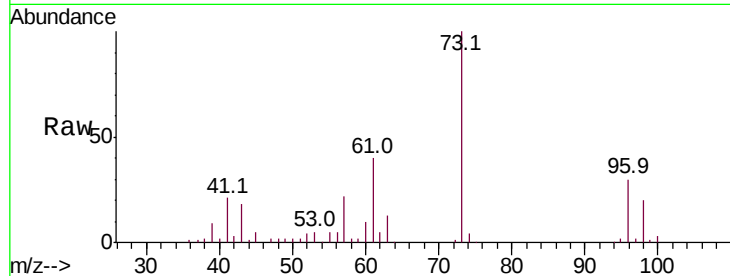


#19

Methyl tert-butyl Ether
 Concen: 47.215 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

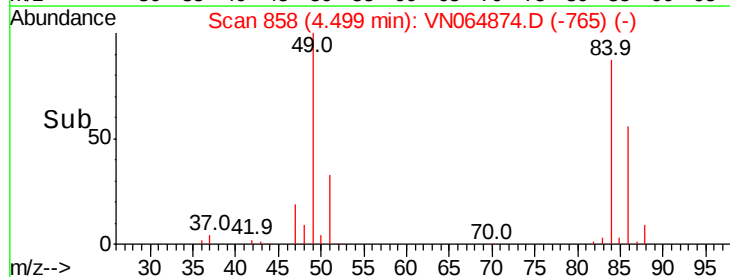
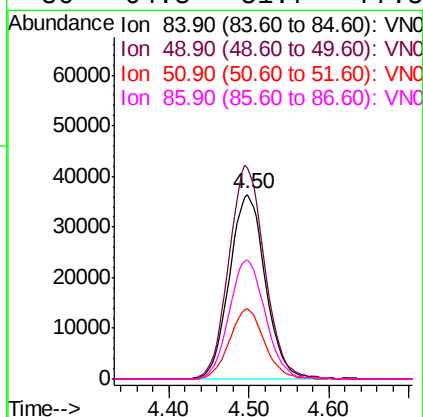
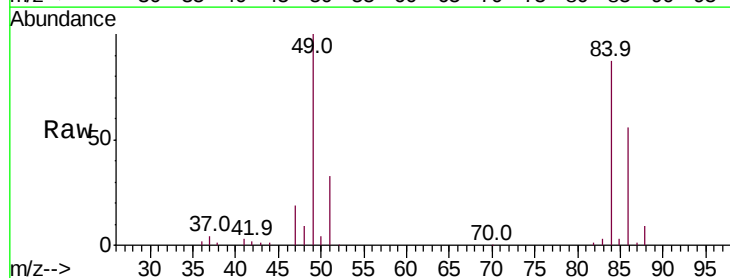
Tot Ion: 73 Resp: 311784
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.4 26.0

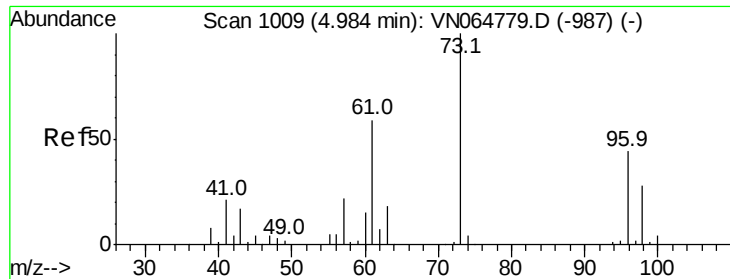


#20

Methylene Chloride
 Concen: 43.687 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 84 Resp: 111083
 Ion Ratio Lower Upper
 84 100
 49 114.8 93.4 140.0
 51 38.1 28.2 42.4
 86 64.8 51.7 77.5

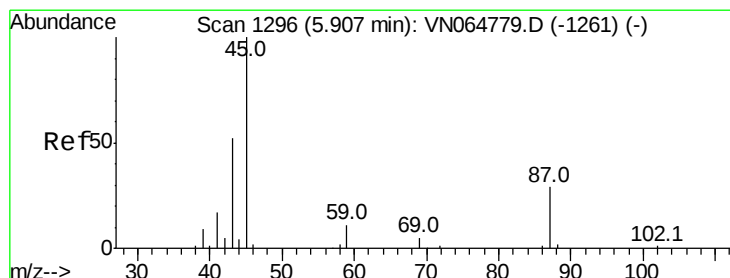
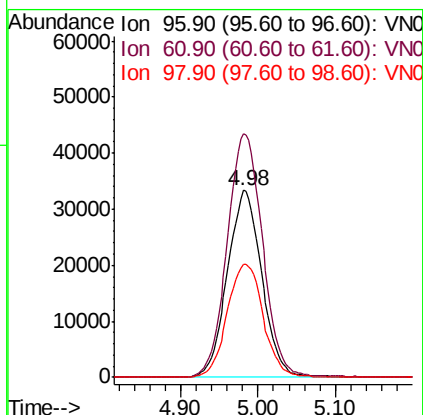
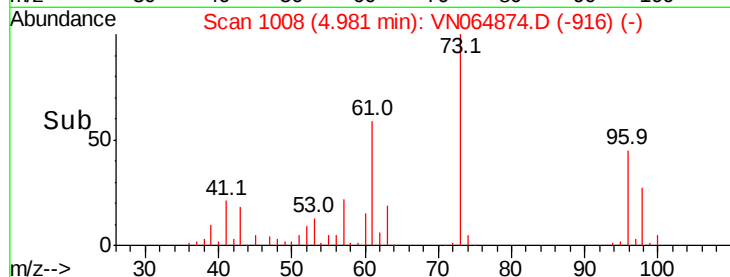
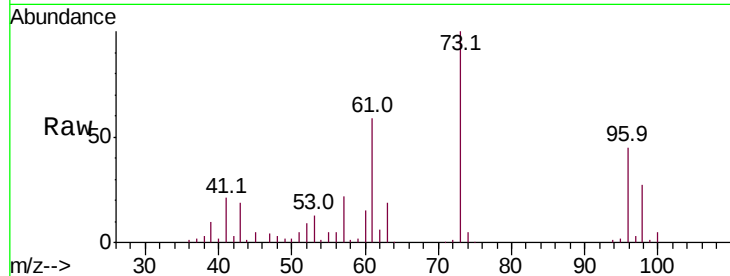




#21
trans-1,2-Dichloroethene
Concen: 45.042 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

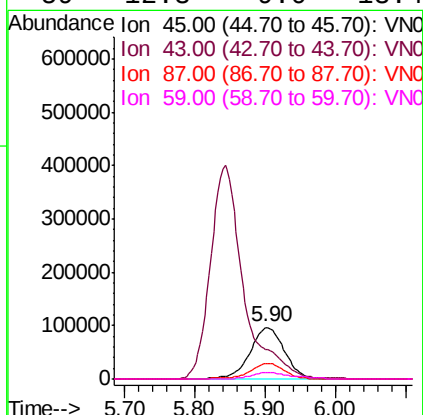
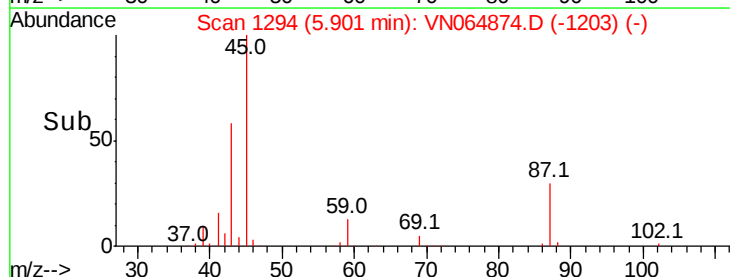
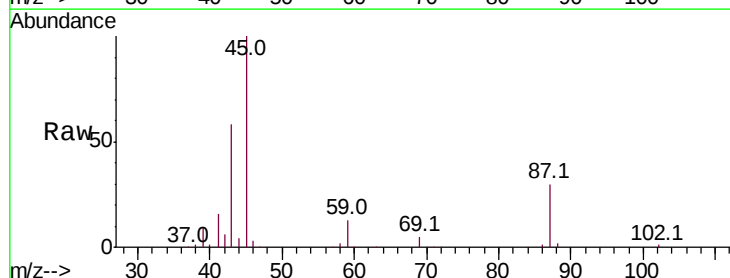
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

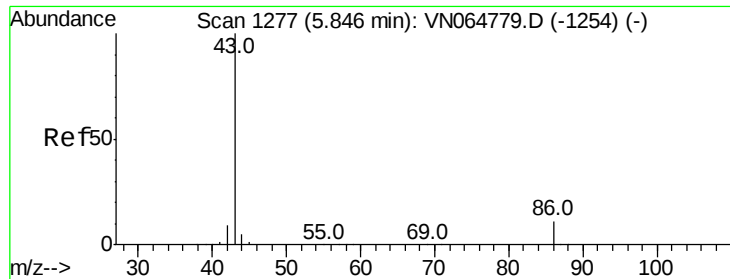
Tot Ion: 96 Resp: 102985
Ion Ratio Lower Upper
96 100
61 130.2 108.4 162.6
98 60.2 51.3 76.9



#22
Diisopropyl ether
Concen: 48.261 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 45 Resp: 328036
Ion Ratio Lower Upper
45 100
43 56.6 46.2 69.2
87 29.8 24.1 36.1
59 12.3 9.0 13.4

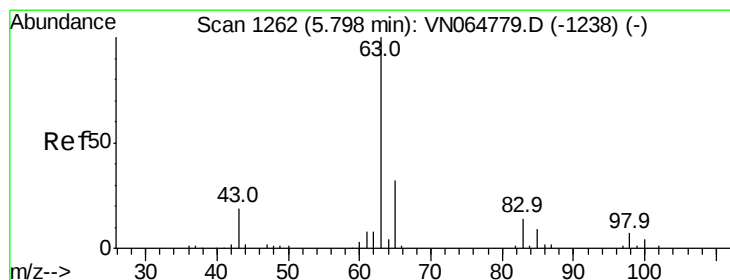
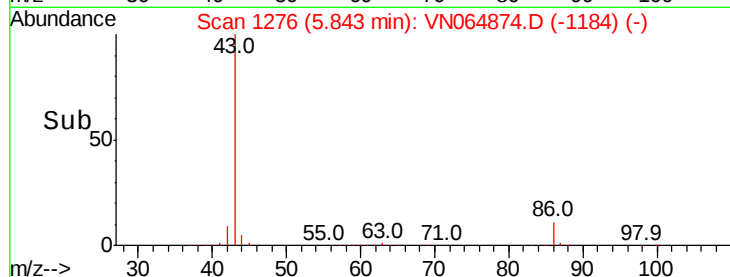
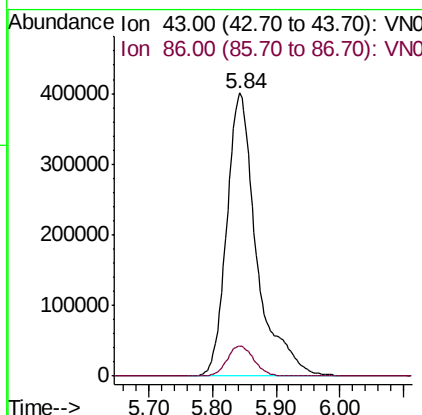
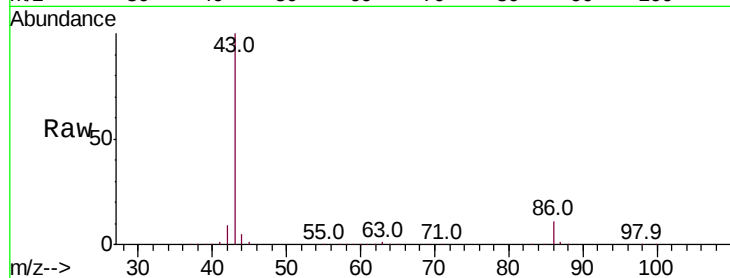




#23
 Vinyl Acetate
 Concen: 240.935 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

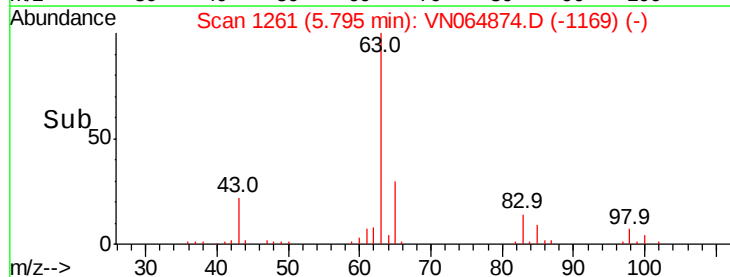
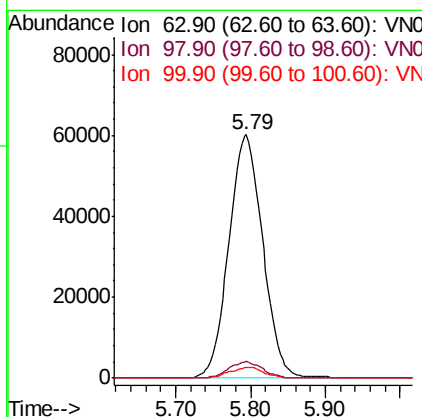
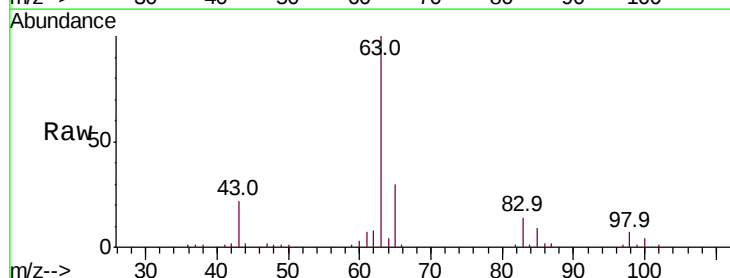
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

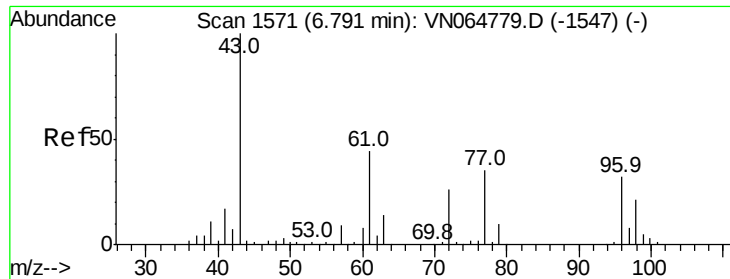
Tot Ion: 43 Resp: 1309605
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 46.696 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 63 Resp: 189689
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.4 2.3 6.8

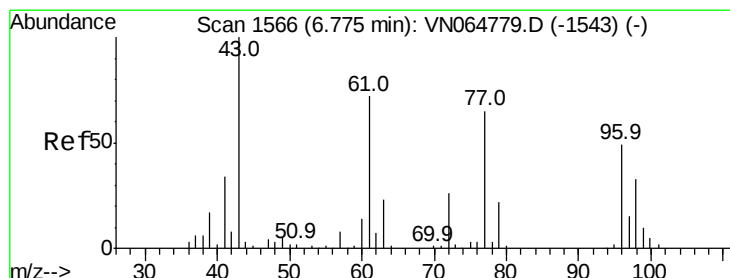
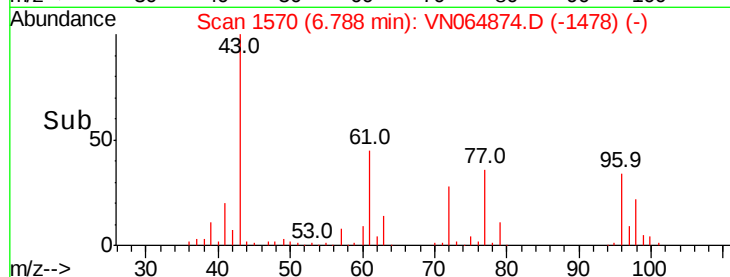
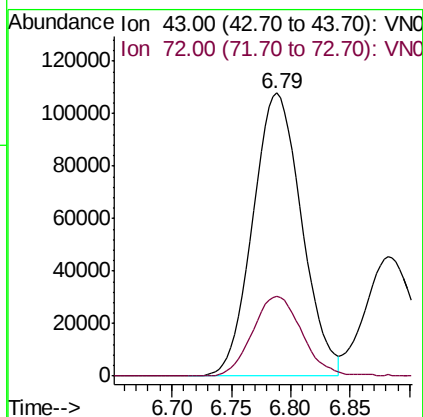
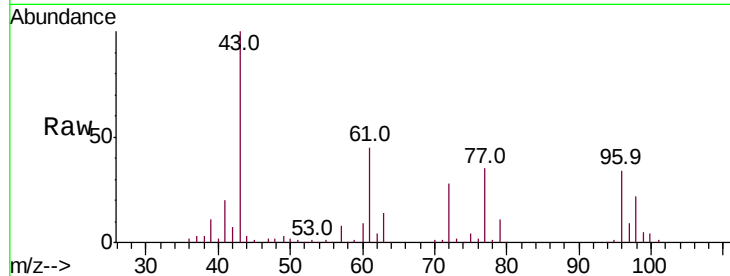




#25
2-Butanone
Concen: 233.406 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

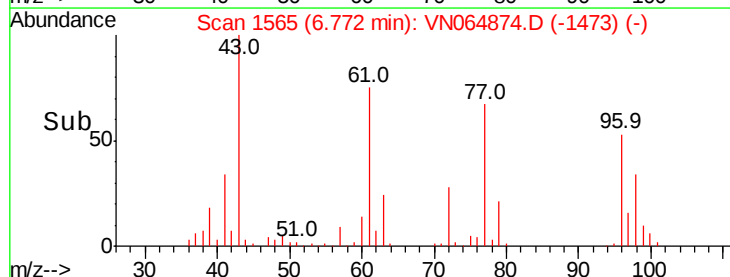
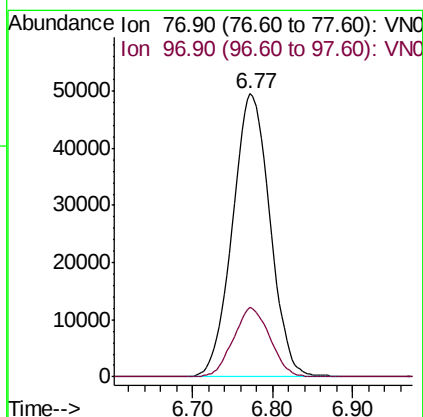
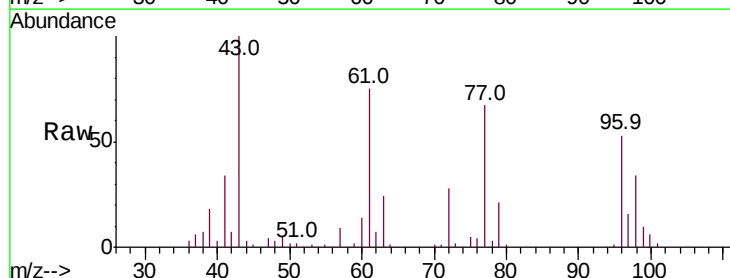
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

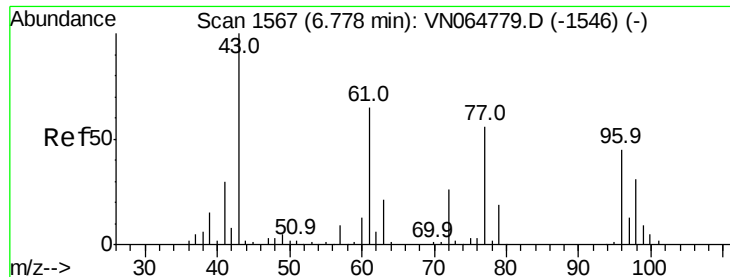
Tot Ion: 43 Resp: 307021
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 44.658 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 77 Resp: 157337
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.0

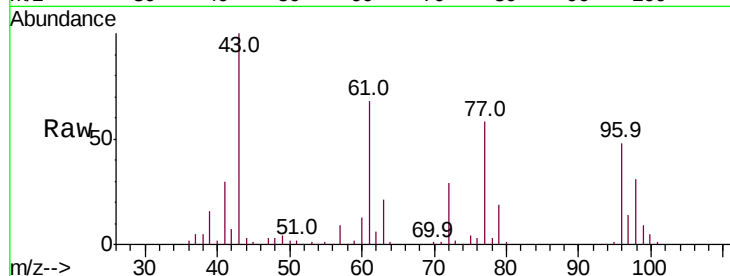




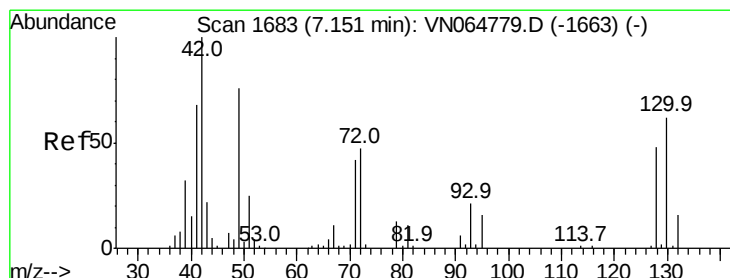
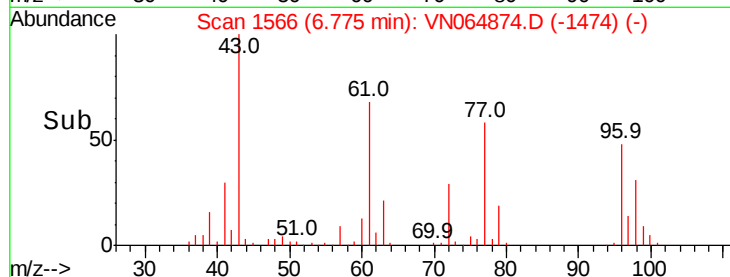
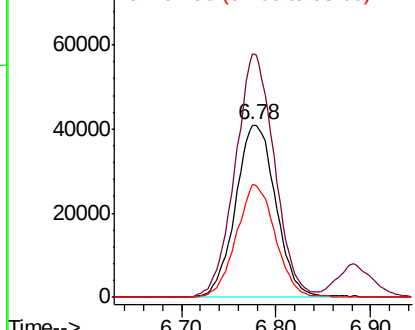
#27
 cis-1,2-Dichloroethene
 Concen: 47.093 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 121162
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 285.8
 98 63.5 0.0 130.6

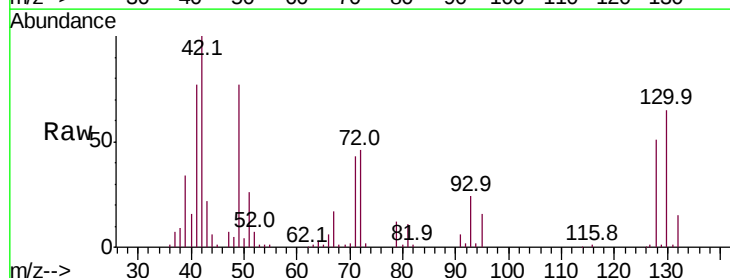


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

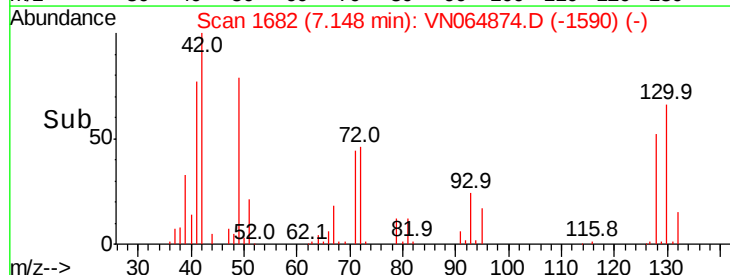
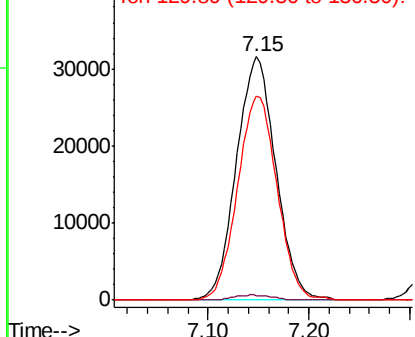


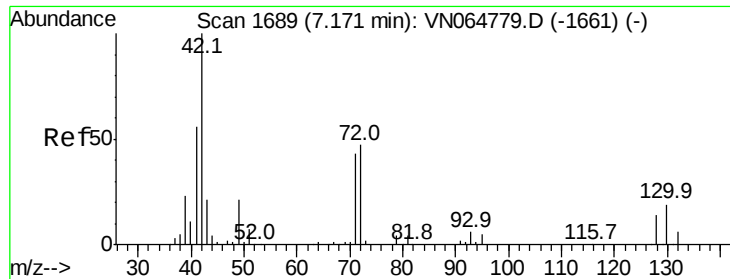
#28
 Bromochloromethane
 Concen: 46.067 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 49 Resp: 85608
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 84.0 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

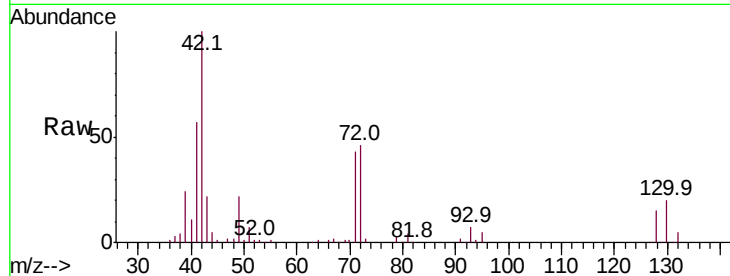




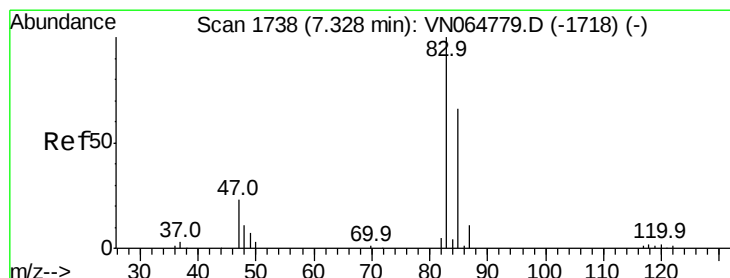
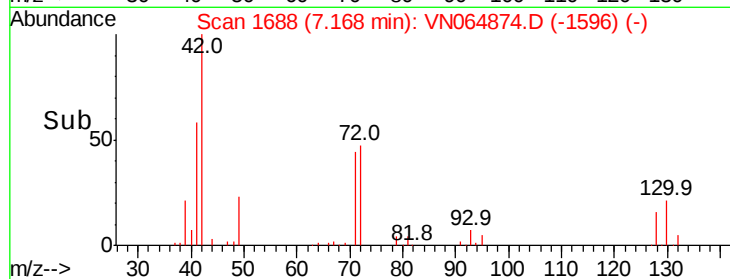
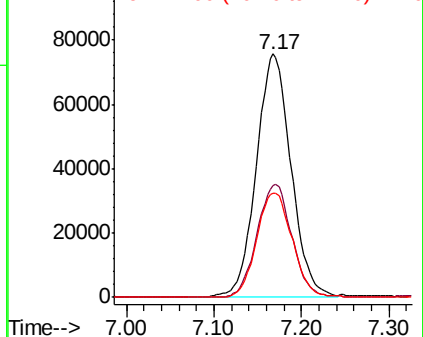
#29
Tetrahydrofuran
Concen: 229.551 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 208434
Ion Ratio Lower Upper
42 100
72 46.7 36.6 54.8
71 43.9 33.6 50.4

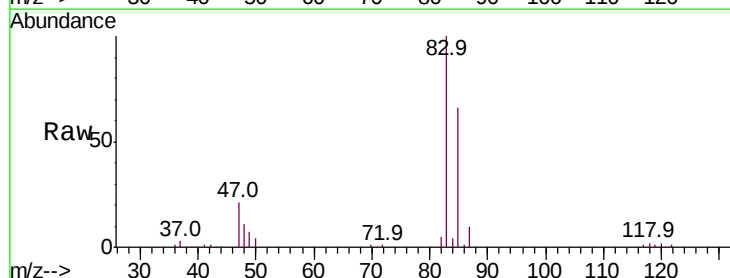


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

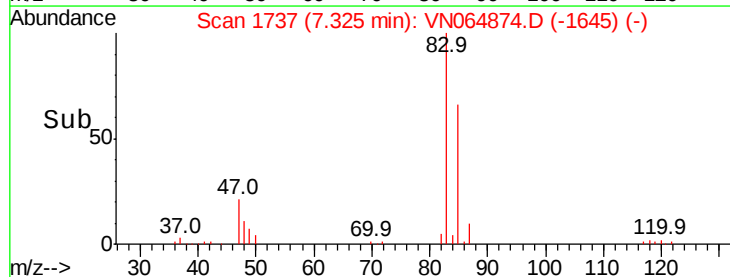
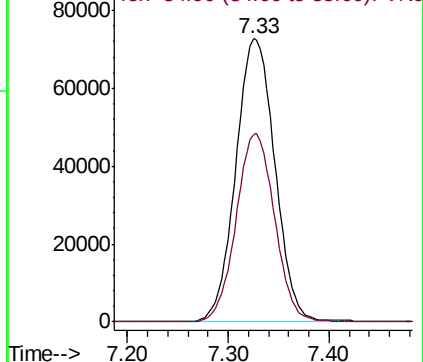


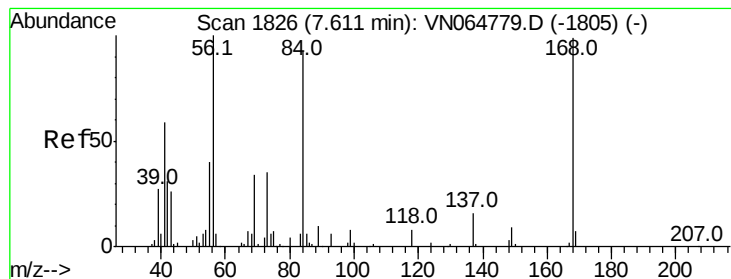
#30
Chloroform
Concen: 46.692 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 83 Resp: 195600
Ion Ratio Lower Upper
83 100
85 66.3 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: 43.556 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

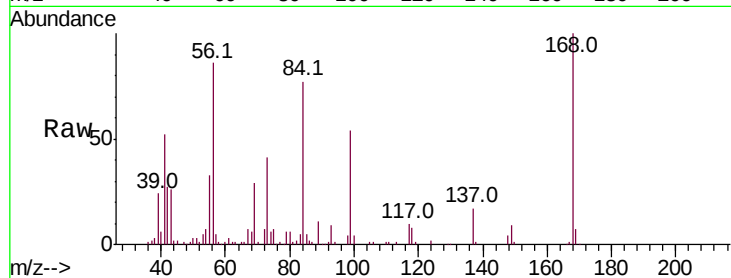
Tot Ion: 56 Resp: 149851

Ion Ratio Lower Upper

56 100

69 34.1 27.5 41.3

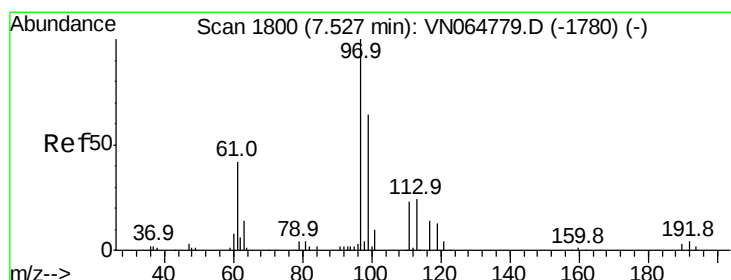
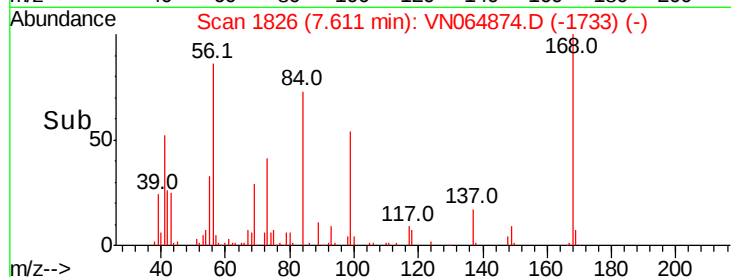
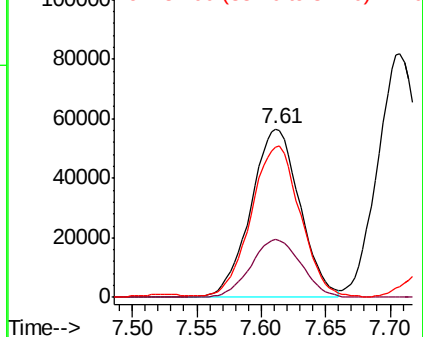
84 88.4 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 46.054 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

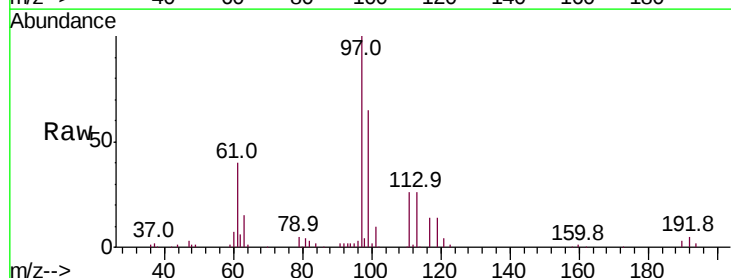
Tgt Ion: 97 Resp: 165698

Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

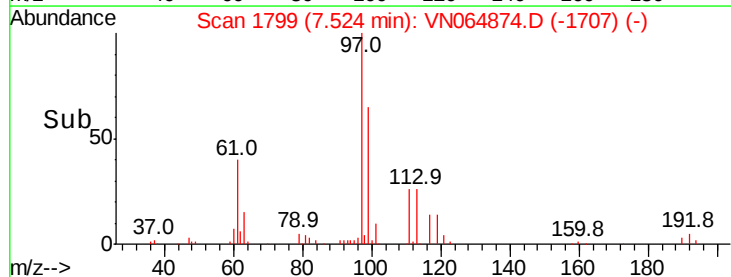
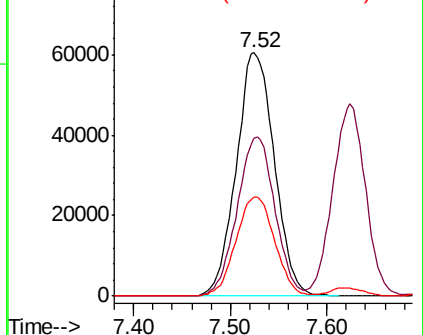
61 41.4 33.9 50.9

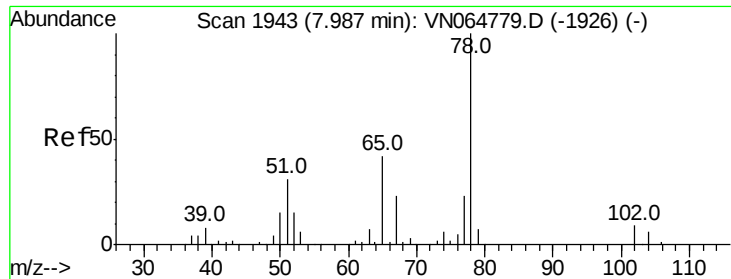


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

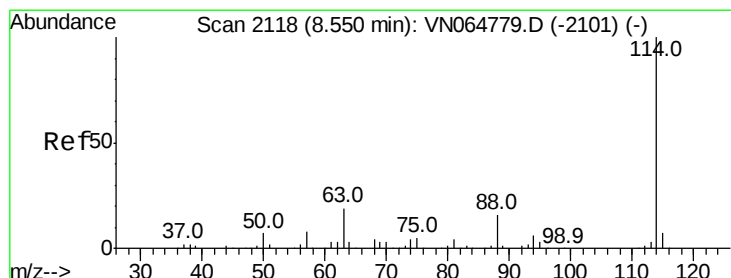
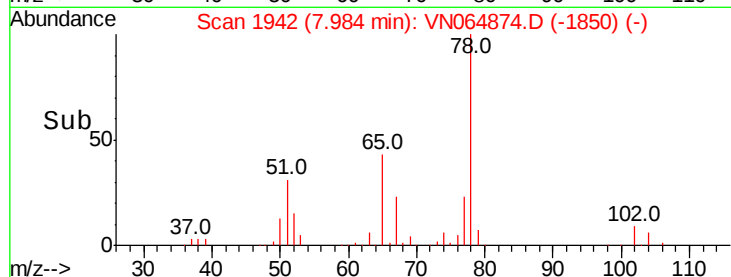
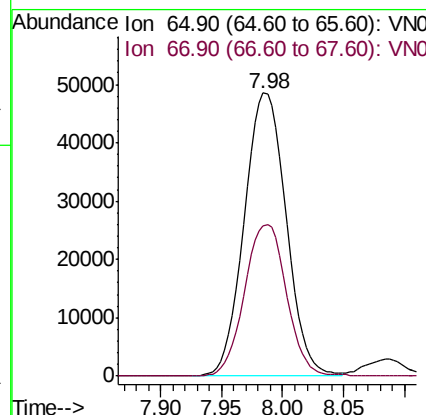
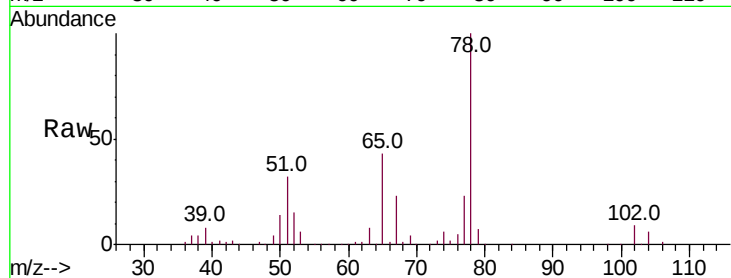




#33
 1,2-Dichloroethane-d4
 Concen: 46.824 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

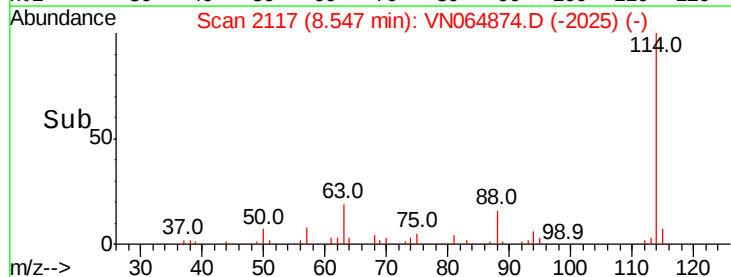
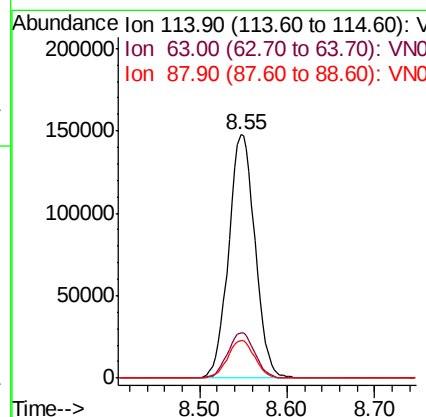
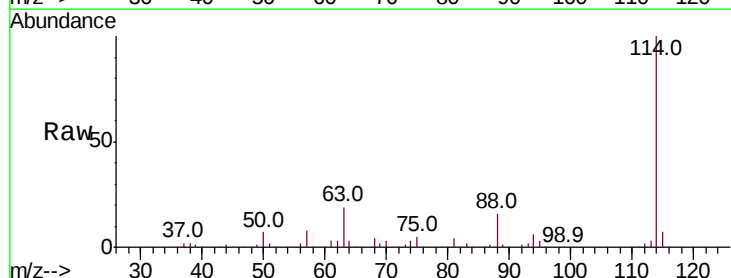
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

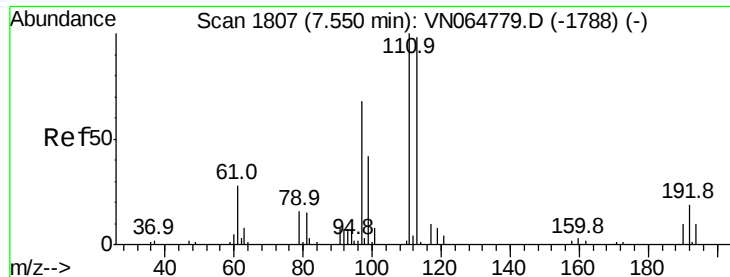
Tot Ion: 65 Resp: 115583
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 114 Resp: 309672
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.5 0.0 32.6

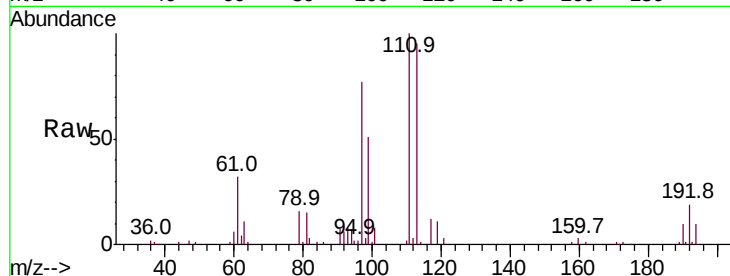




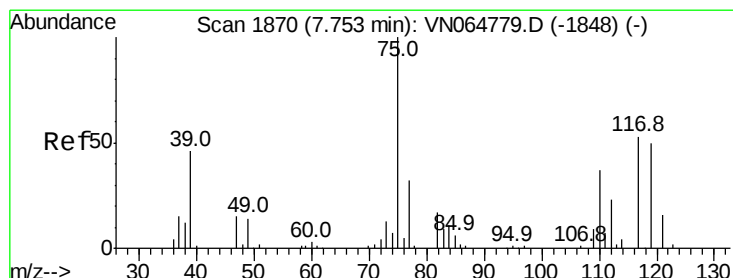
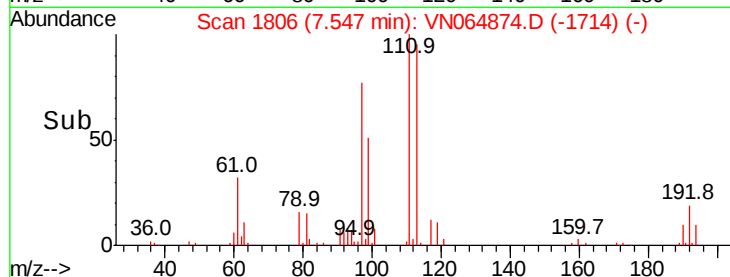
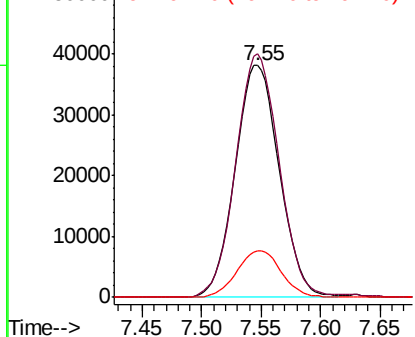
#35
 Dibromofluoromethane
 Concen: 52.981 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 98173
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 20.1 16.2 24.2

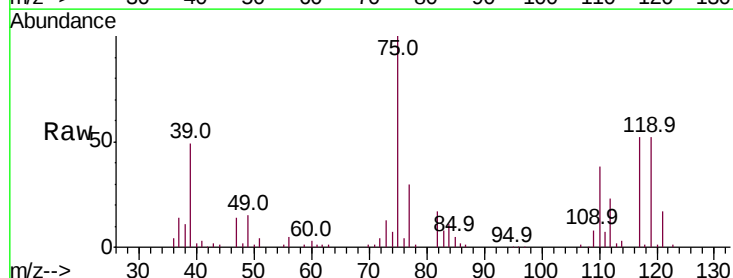


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

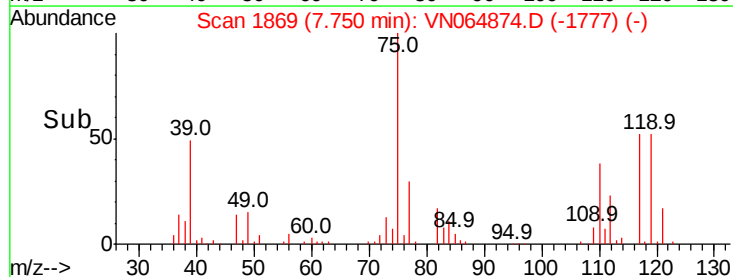
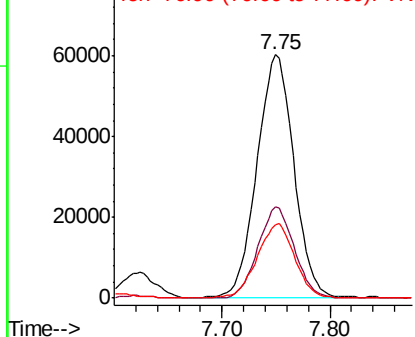


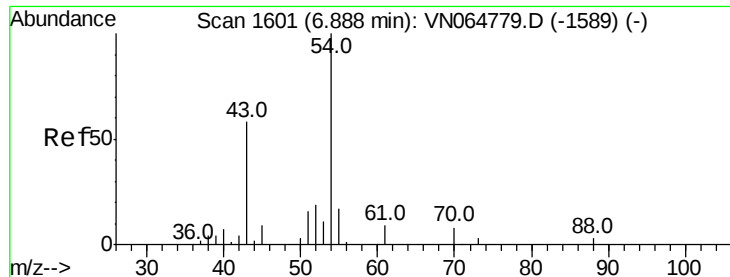
#36
 1,1-Dichloropropene
 Concen: 49.912 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 75 Resp: 143266
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.8 53.3
 77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

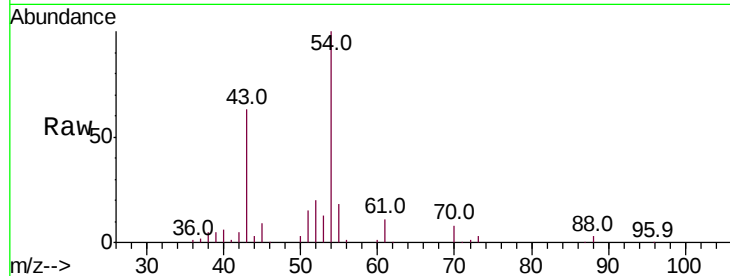




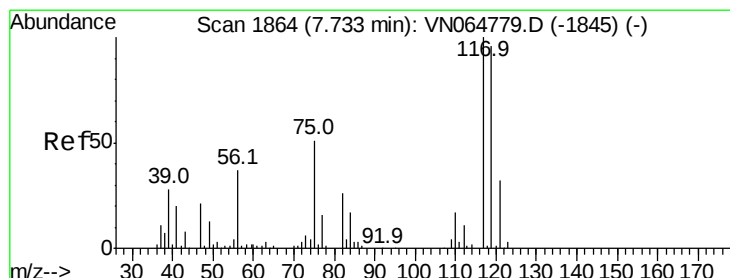
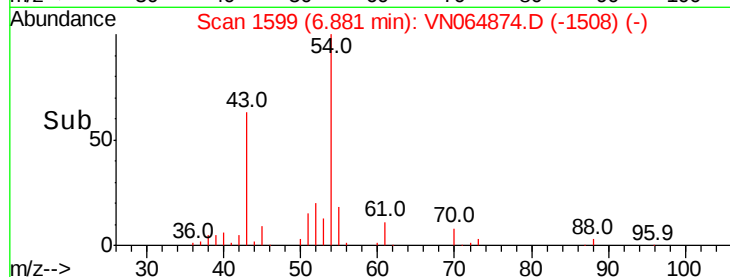
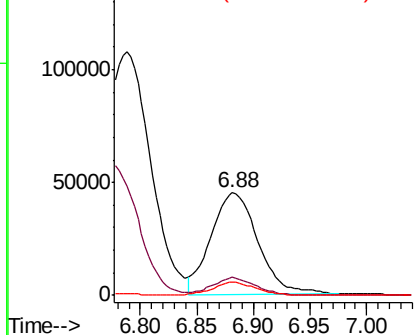
#37
Ethyl Acetate
Concen: 46.663 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 129020
Ion Ratio Lower Upper
43 100
61 15.6 12.8 19.2
70 12.1 8.8 13.2

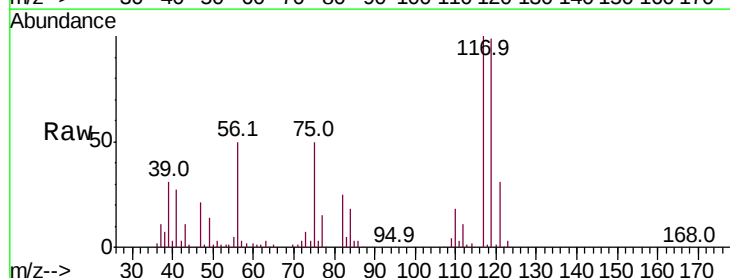


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

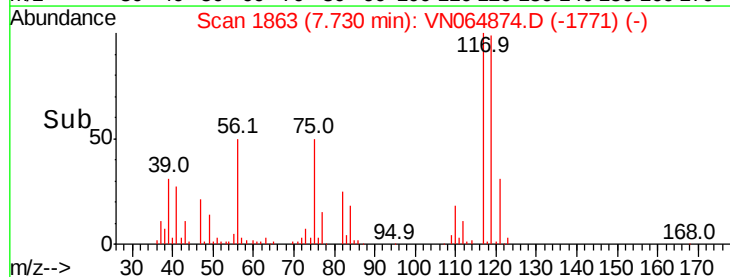
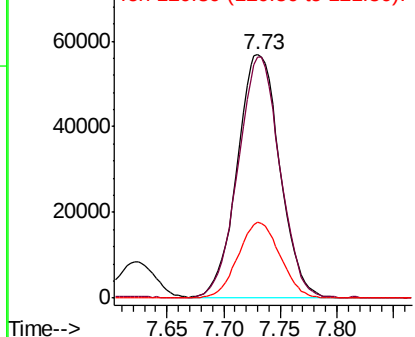


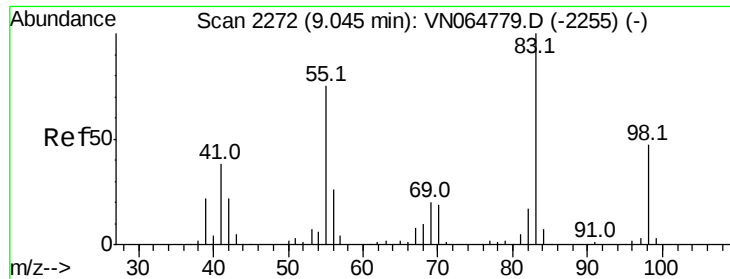
#38
Carbon Tetrachloride
Concen: 49.920 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 117 Resp: 149090
Ion Ratio Lower Upper
117 100
119 98.7 76.7 115.1
121 31.0 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

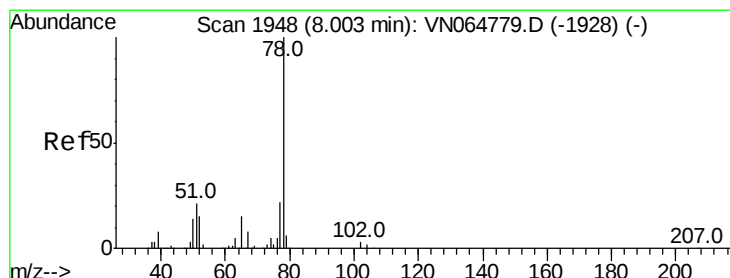
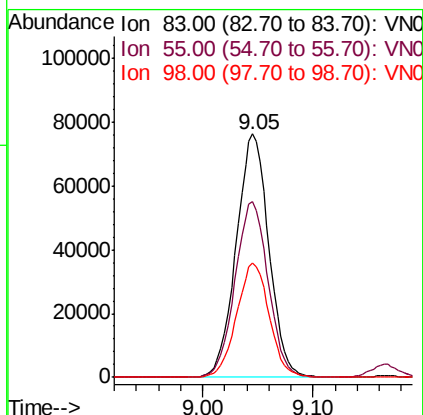
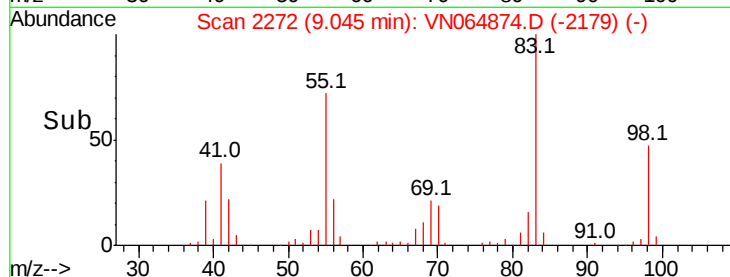
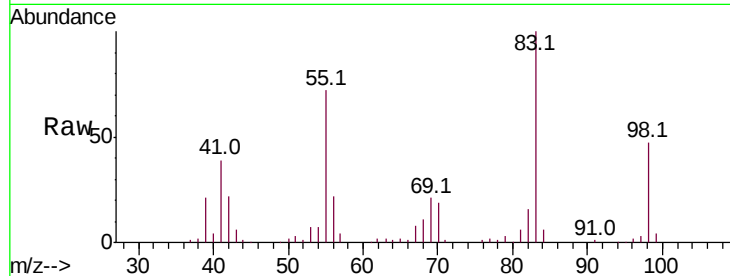




#39
Methvlcvclohexane
Concen: 50.693 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

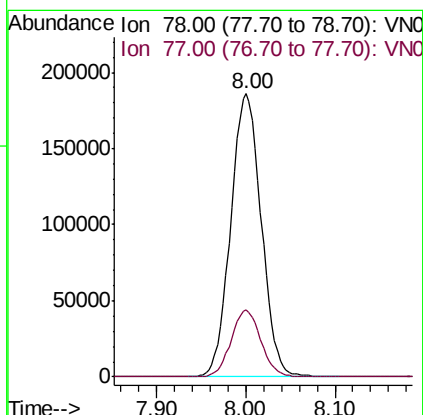
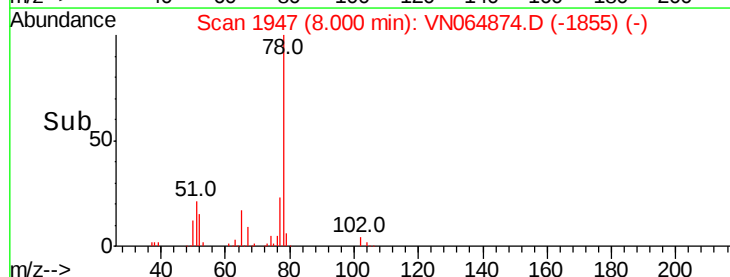
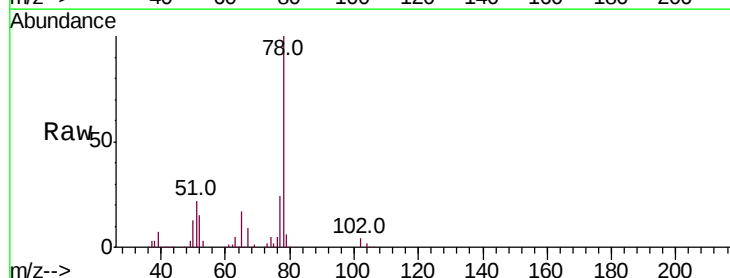
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

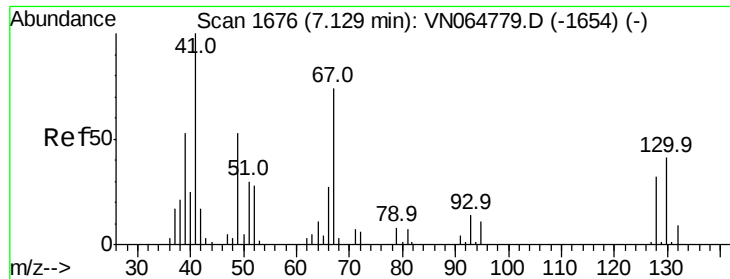
Tot Ion: 83 Resp: 156639
Ion Ratio Lower Upper
83 100
55 72.2 60.2 90.2
98 46.7 37.4 56.2



#40
Benzene
Concen: 50.185 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 78 Resp: 441413
Ion Ratio Lower Upper
78 100
77 23.7 17.9 26.9

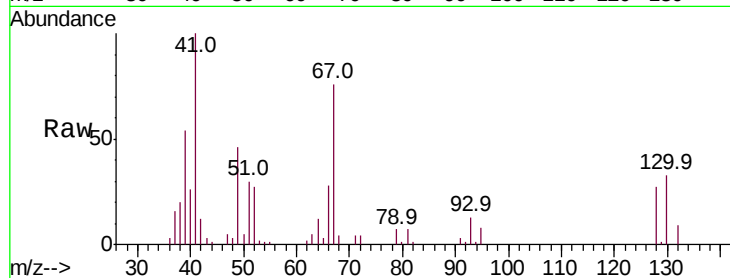




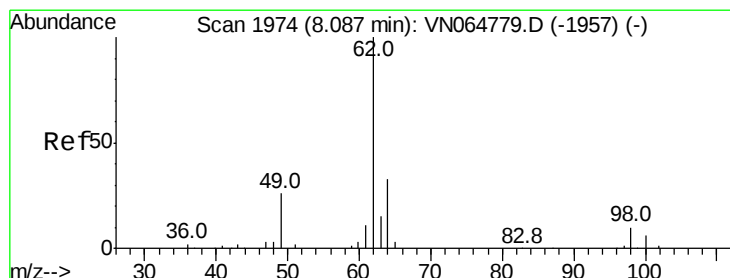
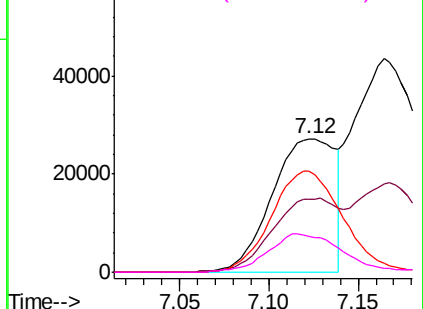
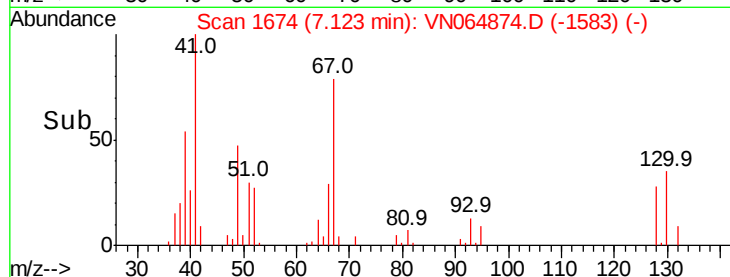
#41
Methacrylonitrile
Concen: 52.697 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 67230
Ion Ratio Lower Upper
41 100
39 58.3 51.0 76.6
67 85.9 79.8 119.8
52 34.2 31.5 47.3

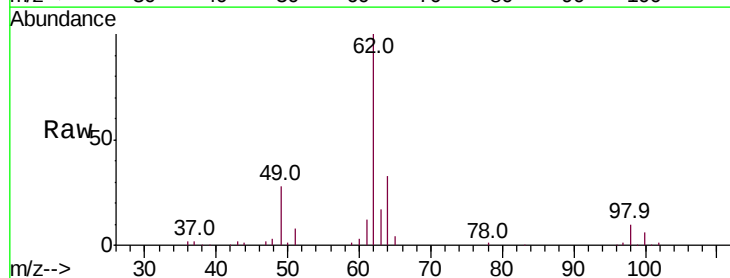


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

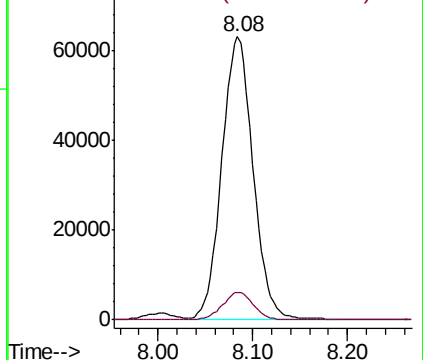
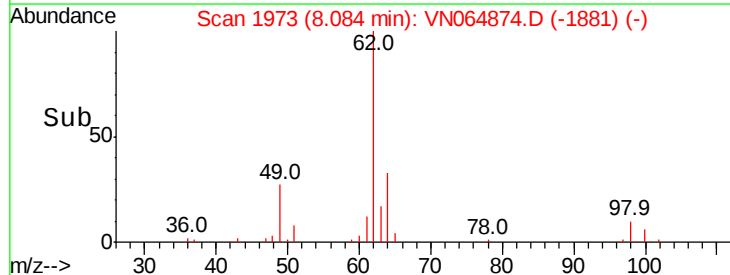


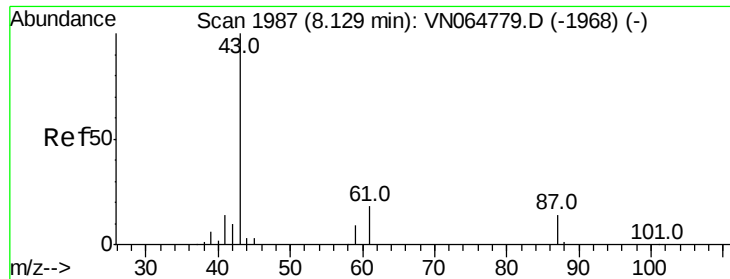
#42
1,2-Dichloroethane
Concen: 48.879 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 62 Resp: 145035
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 48.980 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

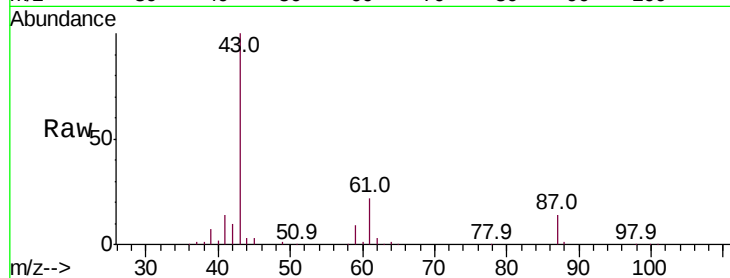
Tot Ion: 43 Resp: 217919

Ion Ratio Lower Upper

43 100

61 22.3 17.2 25.8

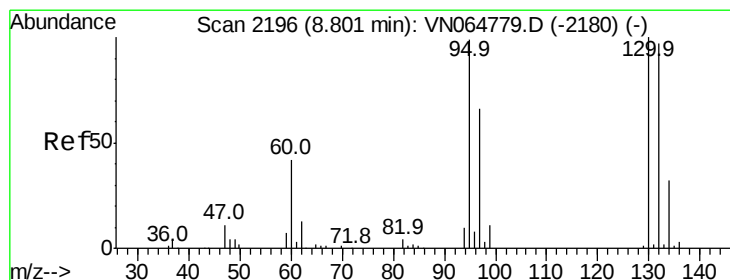
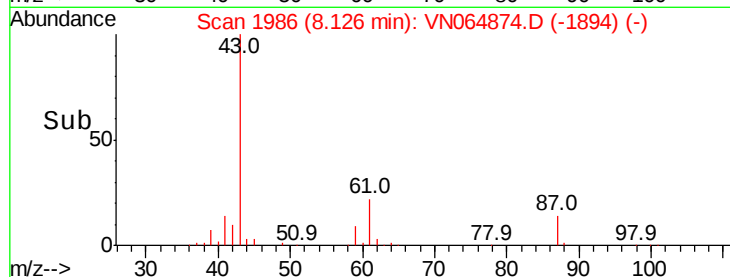
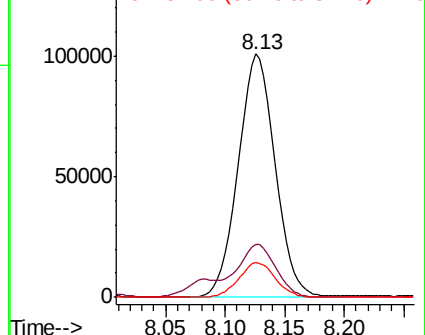
87 14.0 11.4 17.0



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: 49.504 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064874.D

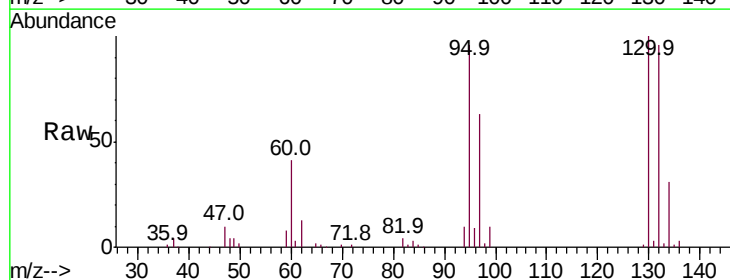
Acq: 1 Dec 2020 10:55

Tgt Ion:130 Resp: 128473

Ion Ratio Lower Upper

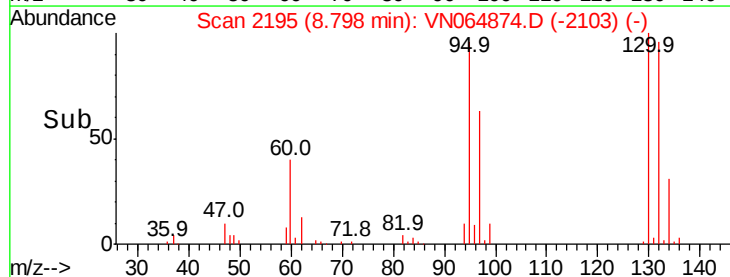
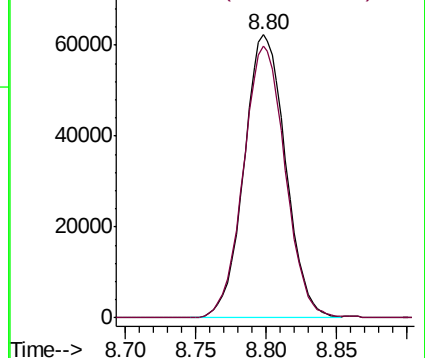
130 100

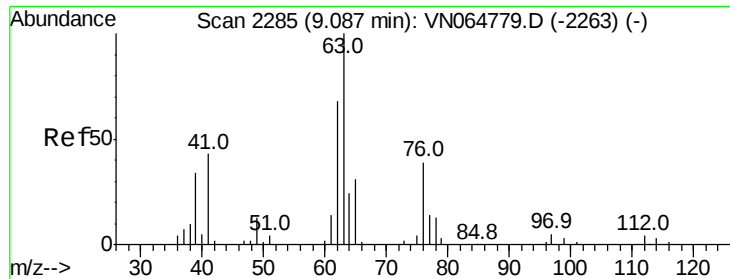
95 96.0 0.0 197.8



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

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





#45

1,2-Dichloropropane

Concen: 52.293 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

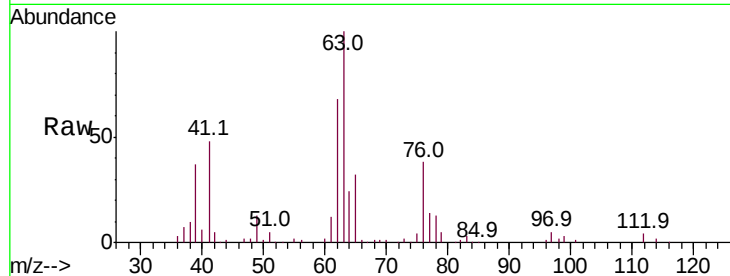
VSTDCCC050

Tot Ion: 63 Resp: 119113

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

9.08

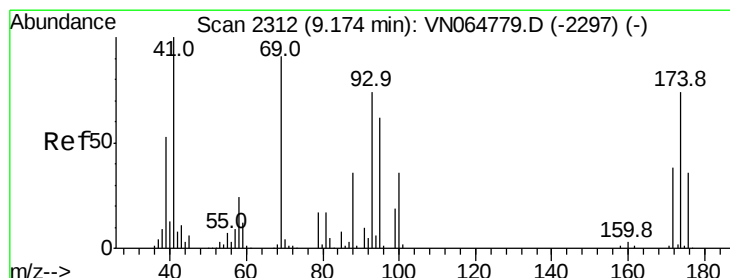
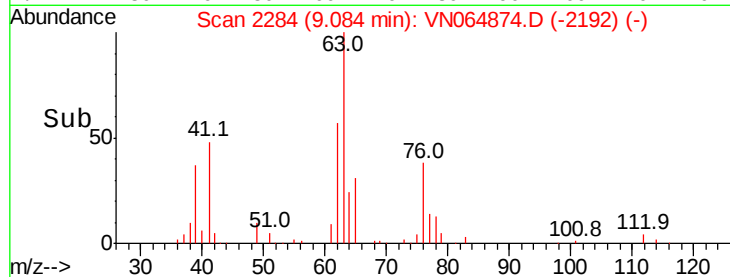
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 50.814 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

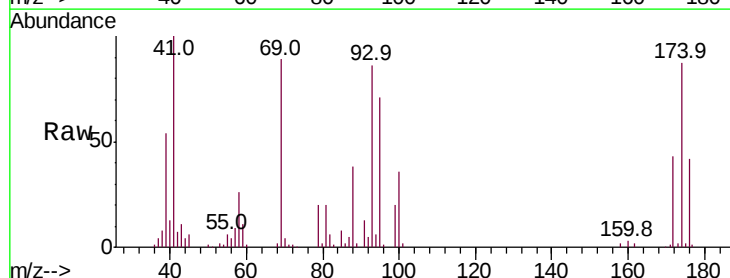
Tgt Ion: 93 Resp: 77325

Ion Ratio Lower Upper

93 100

95 83.8 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

50000

40000

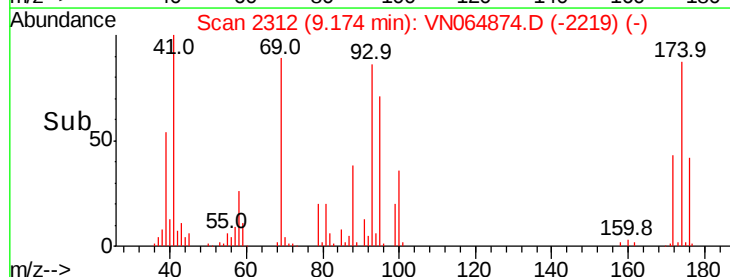
30000

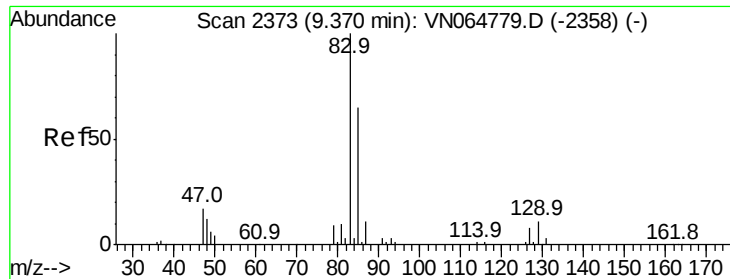
20000

10000

0

Time--> 9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 51.587 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

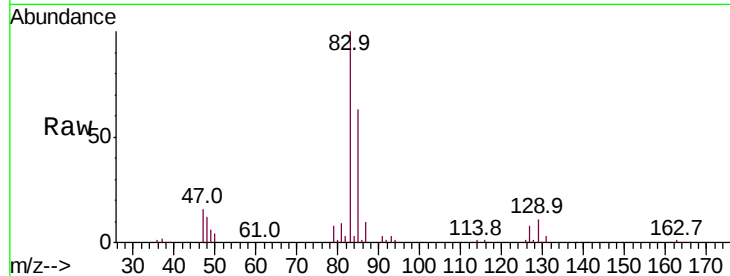
Tot Ion: 83 Resp: 157955

Ion Ratio Lower Upper

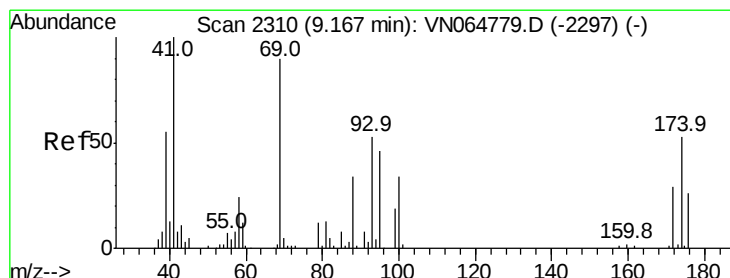
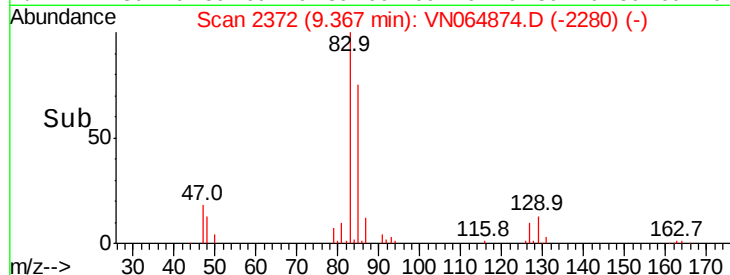
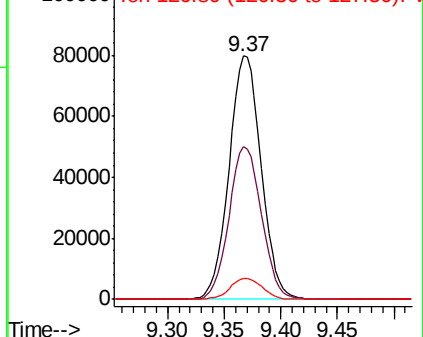
83 100

85 62.7 51.8 77.8

127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 48.822 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

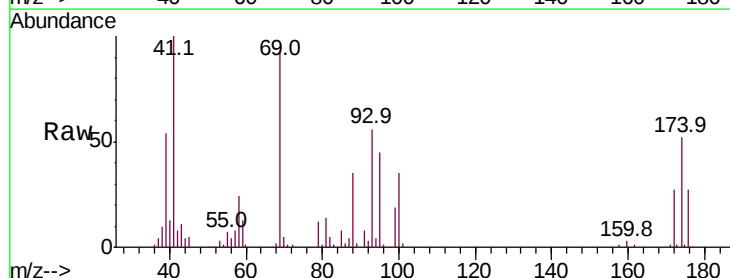
Tgt Ion: 41 Resp: 103793

Ion Ratio Lower Upper

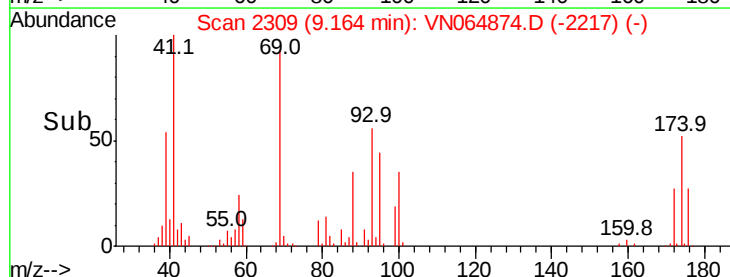
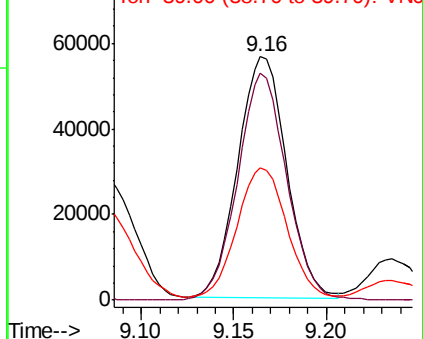
41 100

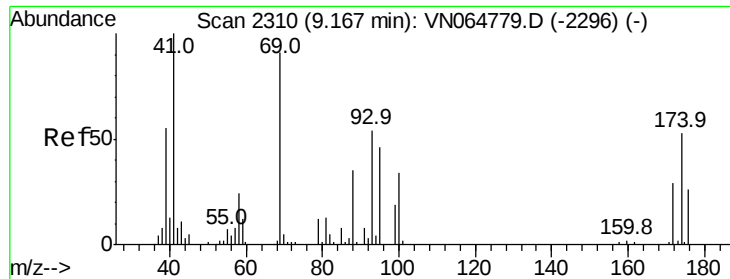
69 94.4 71.8 107.8

39 57.1 44.1 66.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1025.693 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

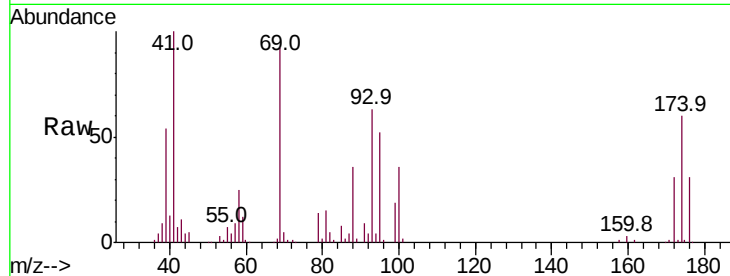
Tot Ion: 88 Resp: 41213

Ion Ratio Lower Upper

88 100

43 30.9 24.2 36.4

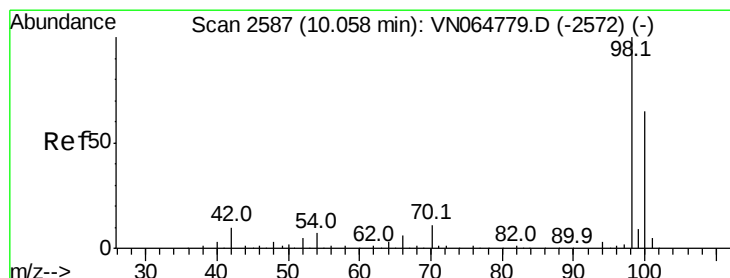
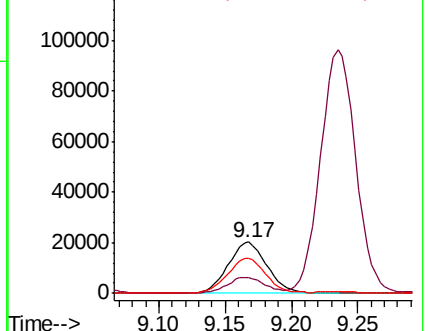
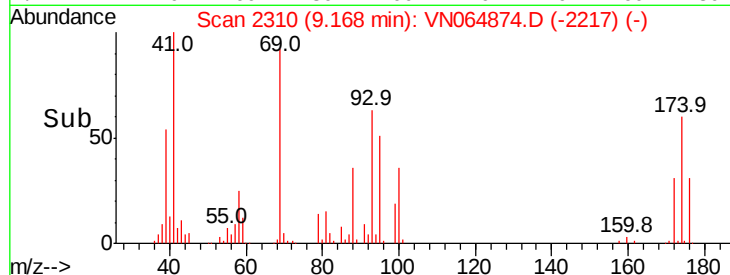
58 67.2 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN064874.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN064874.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064874.D (-2217) (-)



#50

Toluene-d8

Concen: 51.149 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064874.D

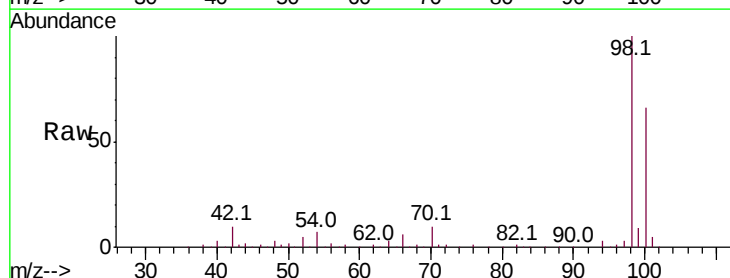
Acq: 1 Dec 2020 10:55

Tgt Ion: 98 Resp: 387257

Ion Ratio Lower Upper

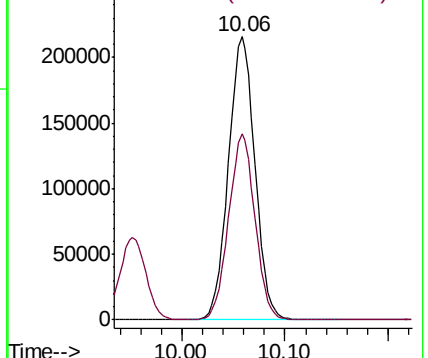
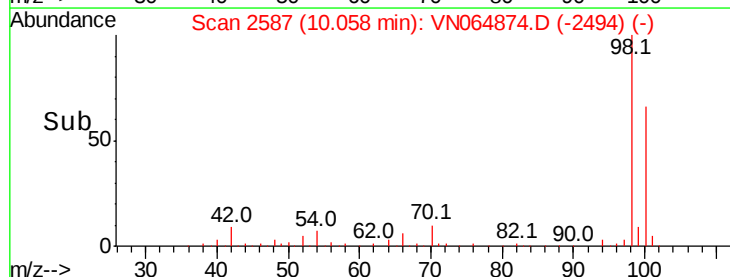
98 100

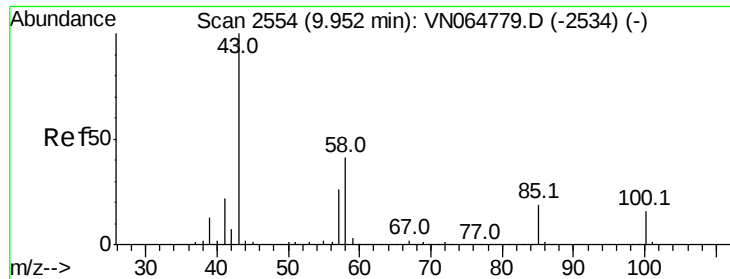
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064874.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064874.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 254.045 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

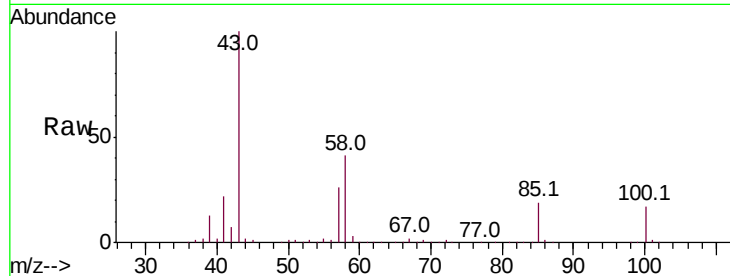
VSTDCCC050

Tot Ion: 43 Resp: 678555

Ion Ratio Lower Upper

43 100

58 40.6 32.4 48.6



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

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

9.95

400000

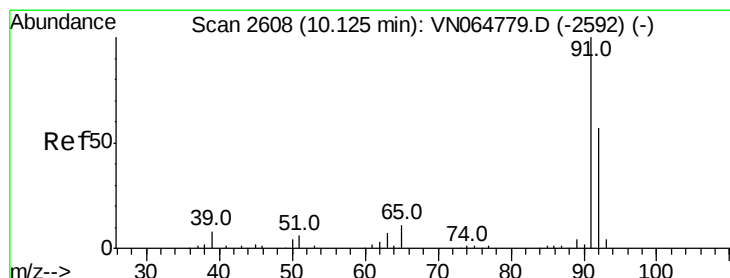
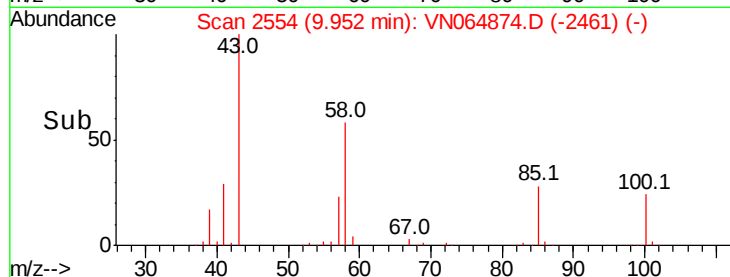
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.650 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064874.D

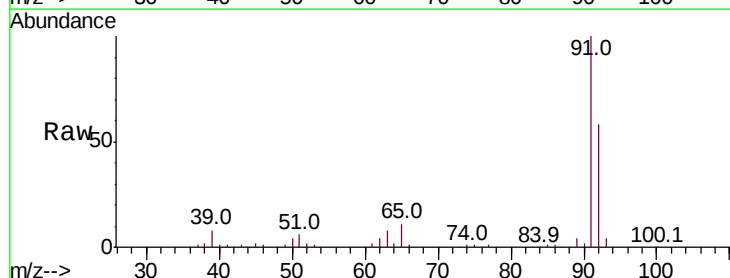
Acq: 1 Dec 2020 10:55

Tgt Ion: 92 Resp: 274361

Ion Ratio Lower Upper

92 100

91 175.0 139.1 208.7



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

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

10.12

300000

250000

200000

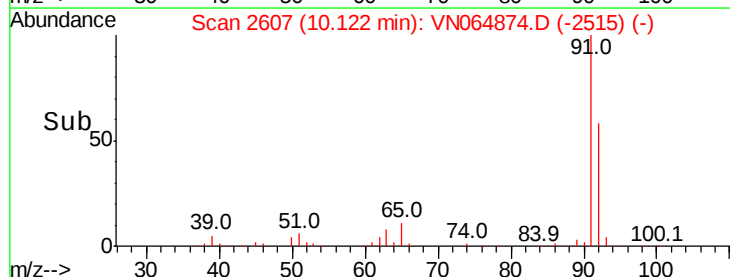
150000

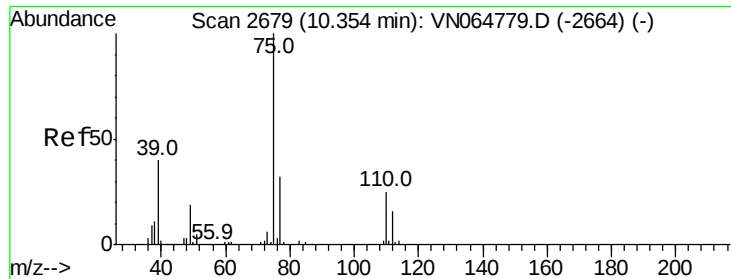
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.198 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampled :

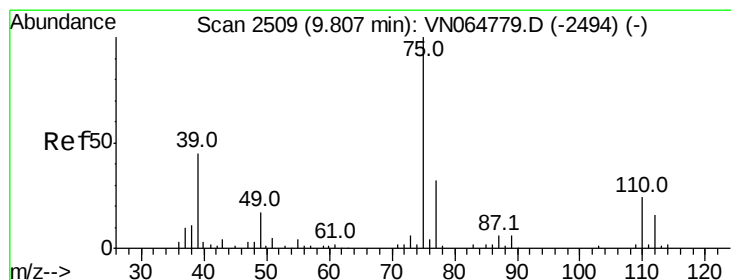
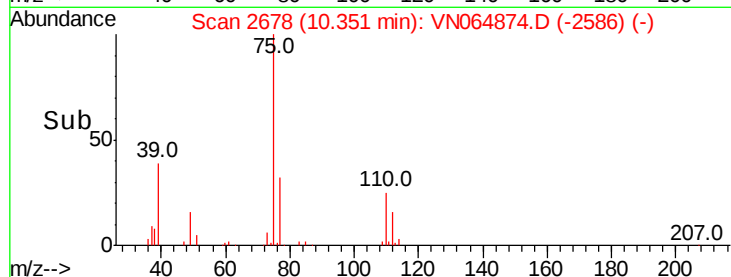
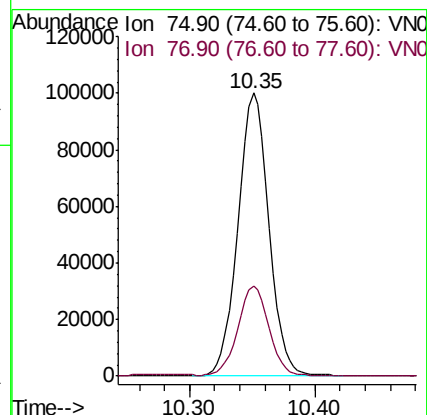
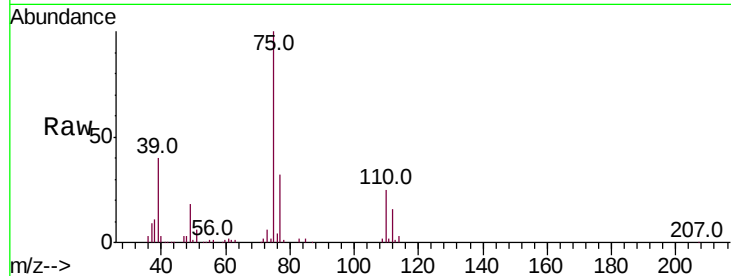
VSTDCCC050

Tot Ion: 75 Resp: 171194

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 51.151 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

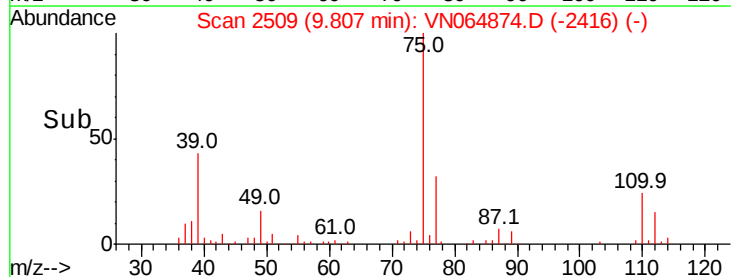
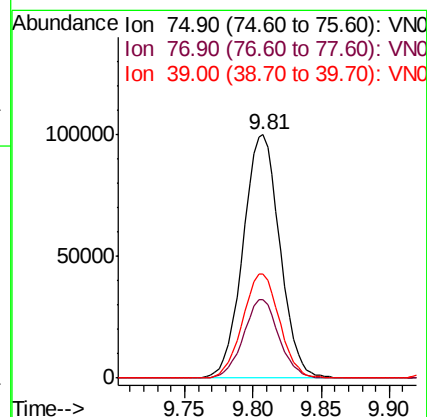
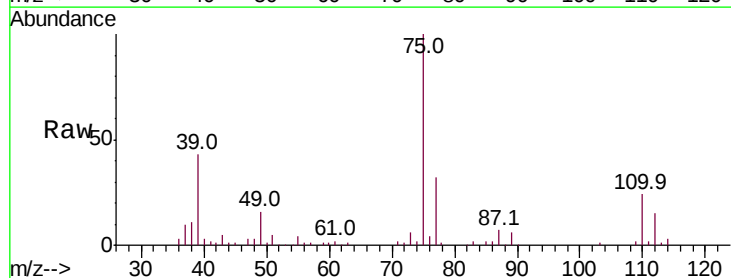
Tgt Ion: 75 Resp: 186981

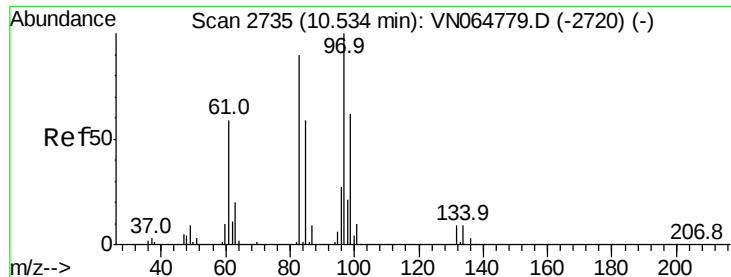
Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3

39 42.9 35.6 53.4

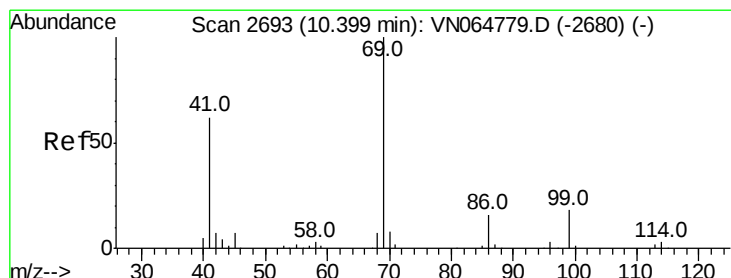
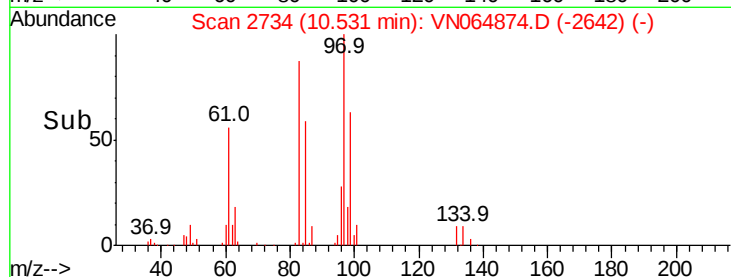
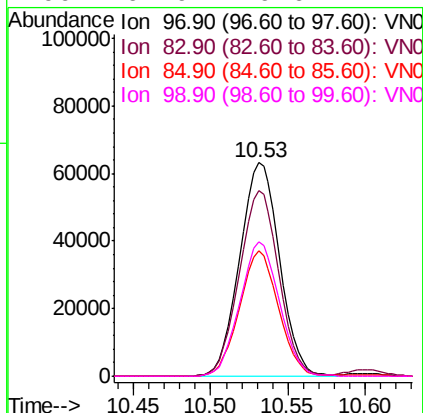
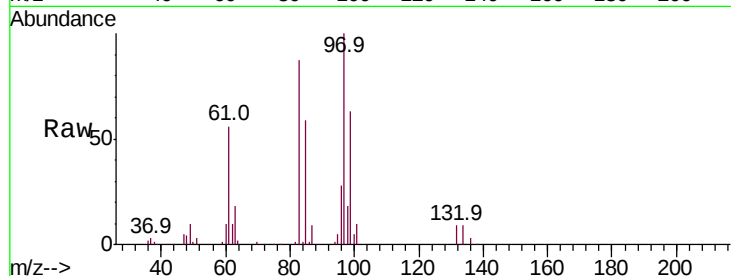




#55
 1,1,2-Trichloroethane
 Concen: 51.119 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

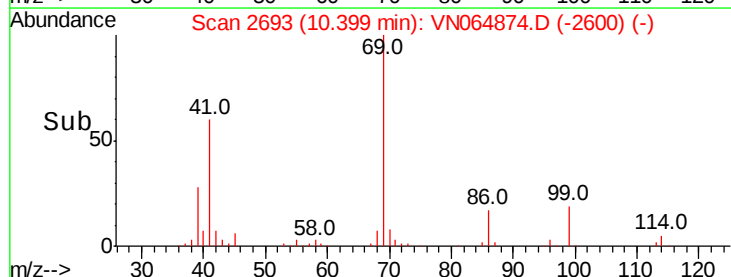
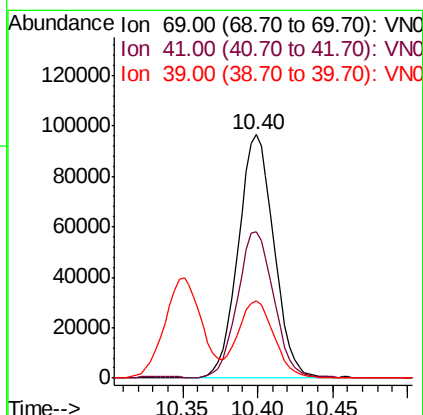
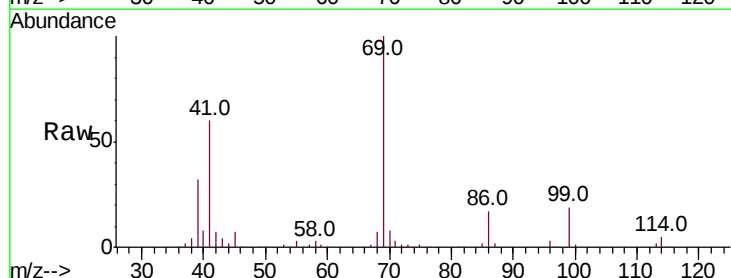
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

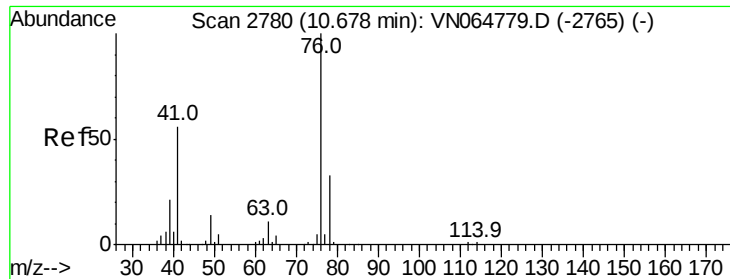
Tot Ion: 97 Resp: 113865
 Ion Ratio Lower Upper
 97 100
 83 87.2 72.1 108.1
 85 58.7 46.8 70.2
 99 62.9 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 52.175 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 69 Resp: 160373
 Ion Ratio Lower Upper
 69 100
 41 60.9 49.4 74.0
 39 32.3 25.9 38.9





#57

1,3-Dichloropropane

Concen: 50.908 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

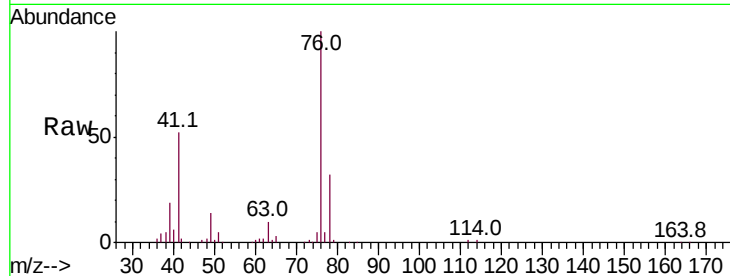
VSTDCCC050

Tot Ion: 76 Resp: 187053

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



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

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

10.68

120000

100000

80000

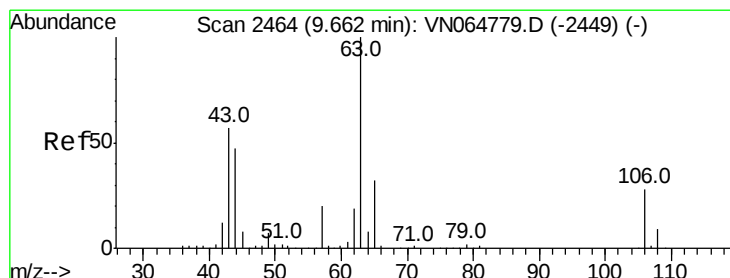
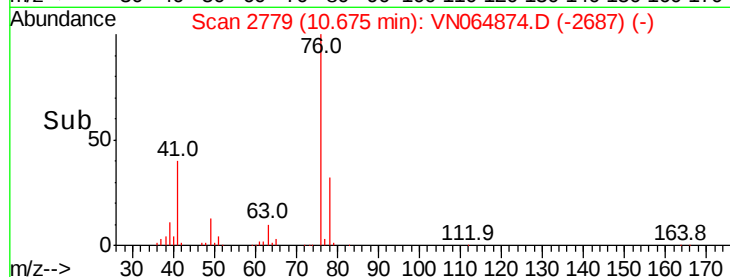
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 261.203 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064874.D

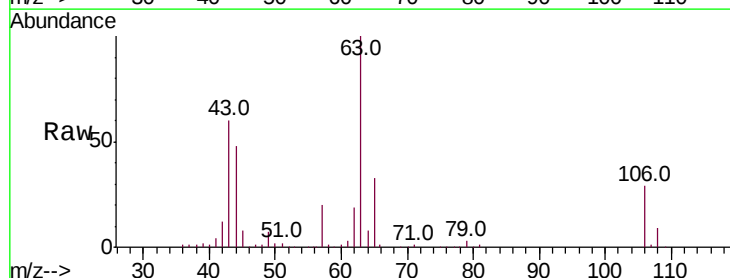
Acq: 1 Dec 2020 10:55

Tgt Ion: 63 Resp: 441640

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1



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

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

9.66

300000

250000

200000

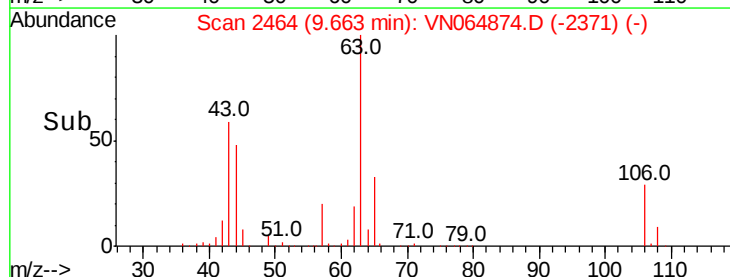
150000

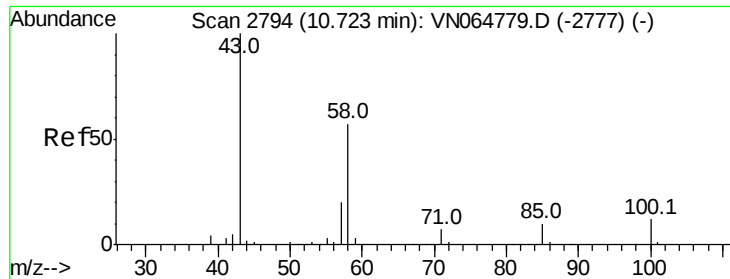
100000

50000

0

Time-->

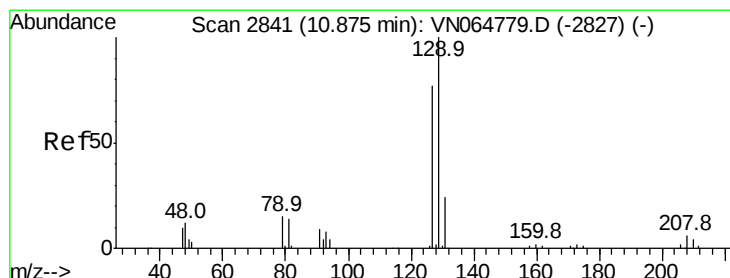
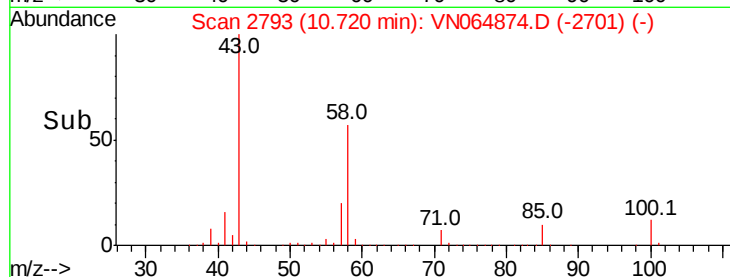
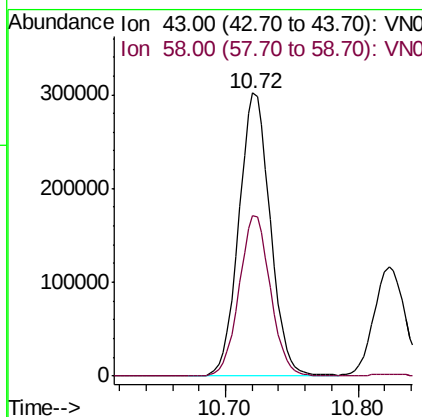
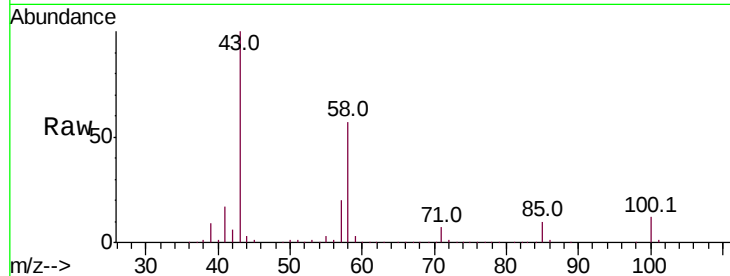




#59
2-Hexanone
Concen: 258.611 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

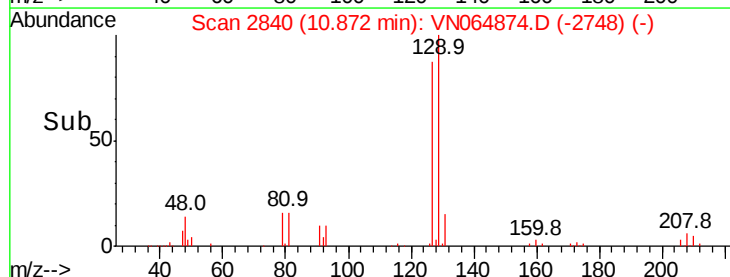
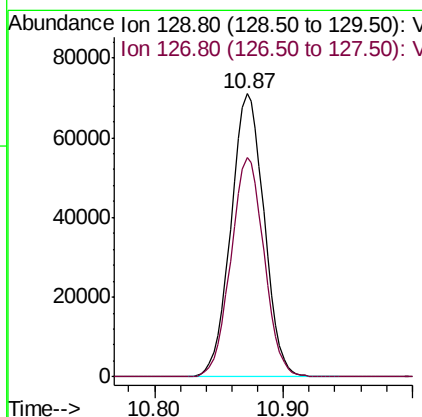
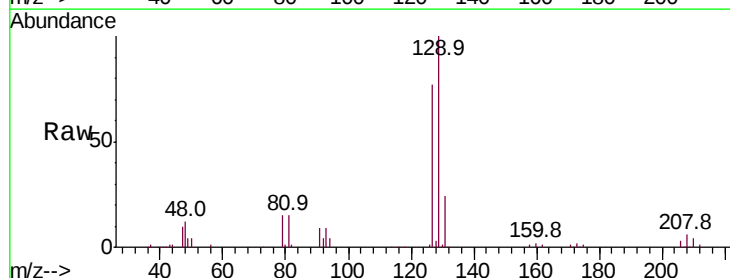
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

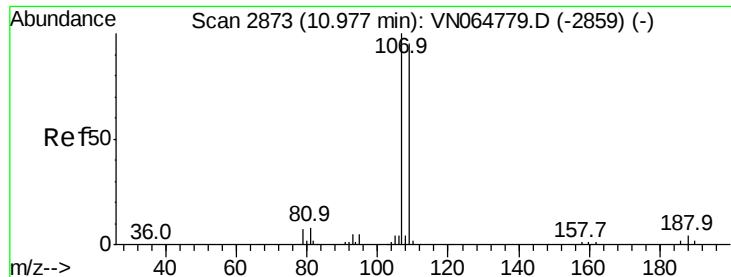
Tot Ion: 43 Resp: 497122
Ion Ratio Lower Upper
43 100
58 56.4 28.3 84.9



#60
Dibromochloromethane
Concen: 51.305 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 129 Resp: 127029
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

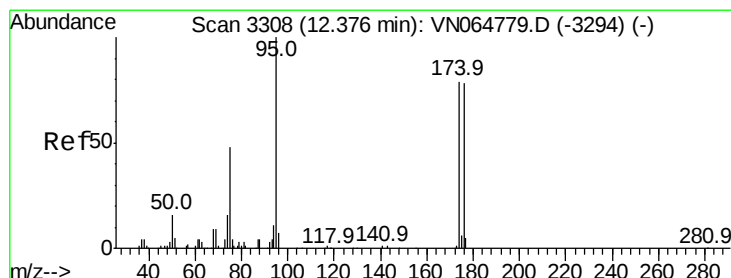
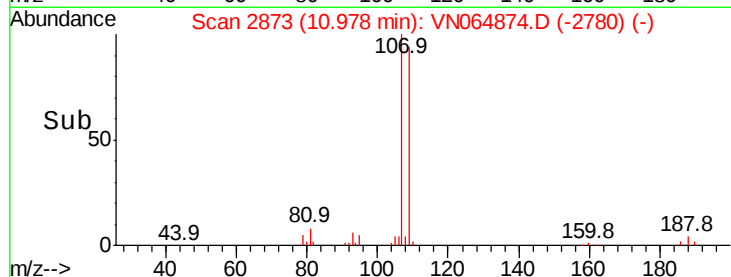
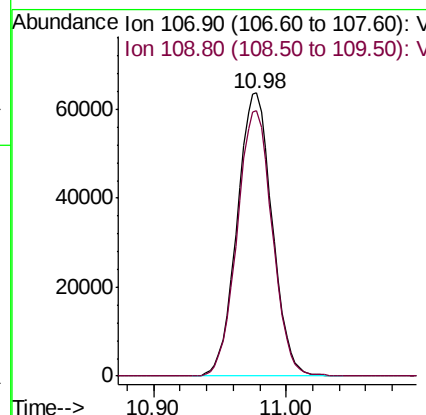
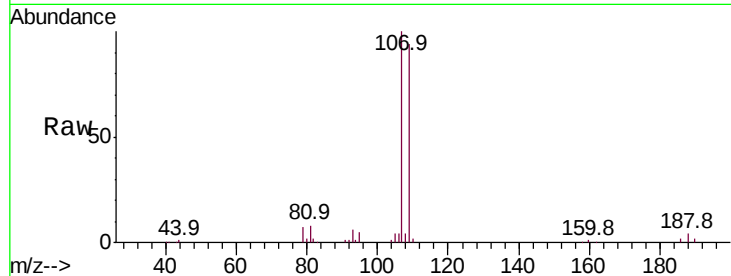




#61
 1,2-Dibromoethane
 Concen: 51.584 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

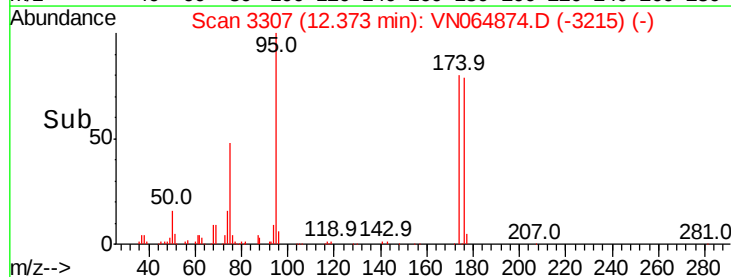
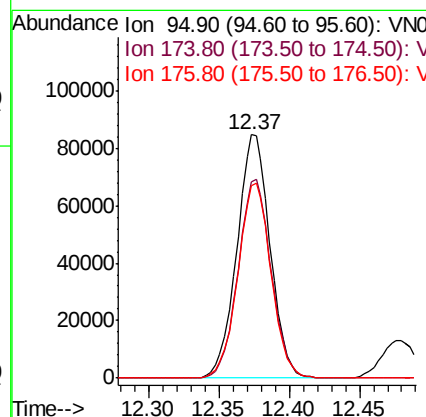
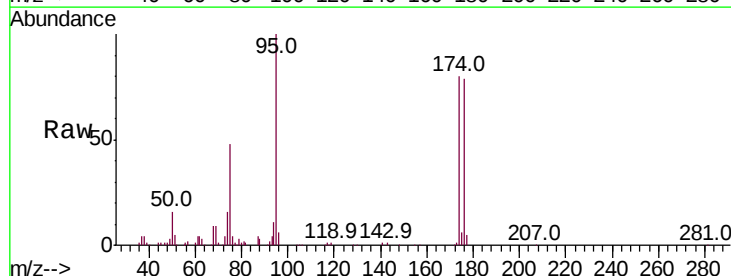
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

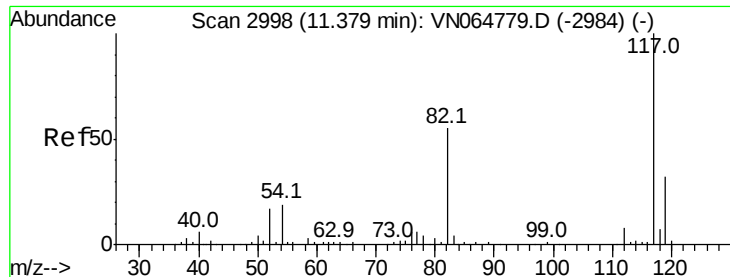
Tot Ion:107 Resp: 116736
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.509 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 95 Resp: 139566
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 160.4
 176 79.9 0.0 158.4

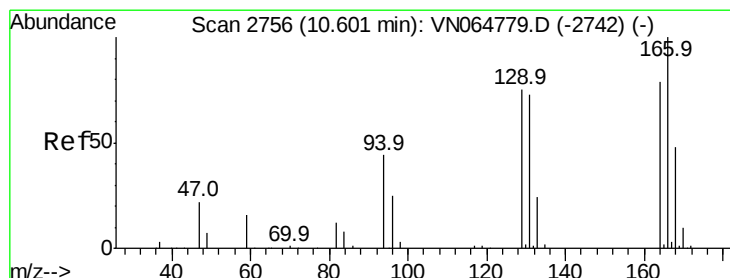
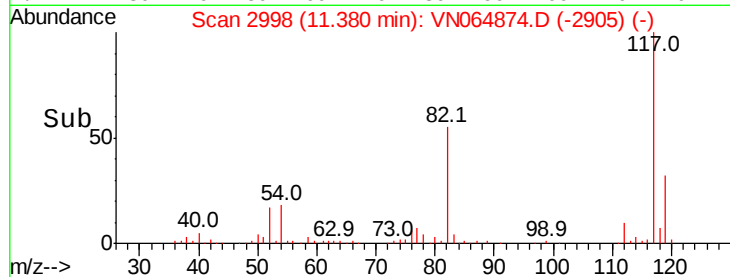
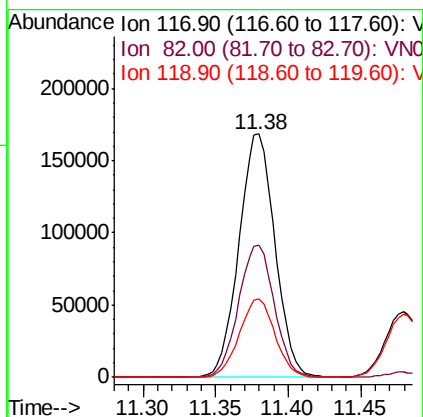
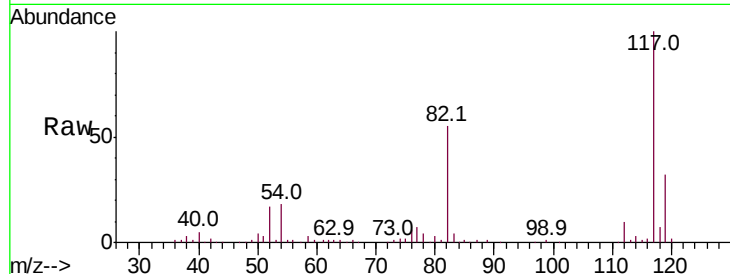




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

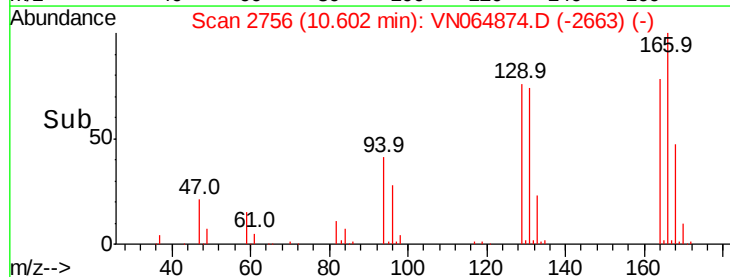
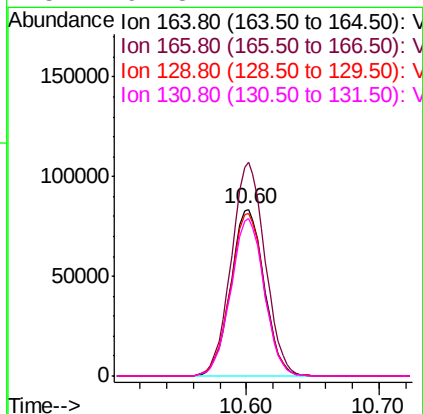
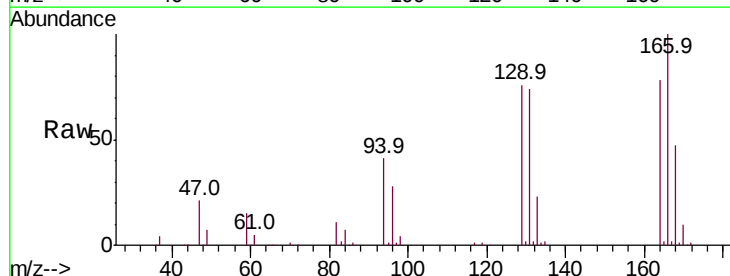
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

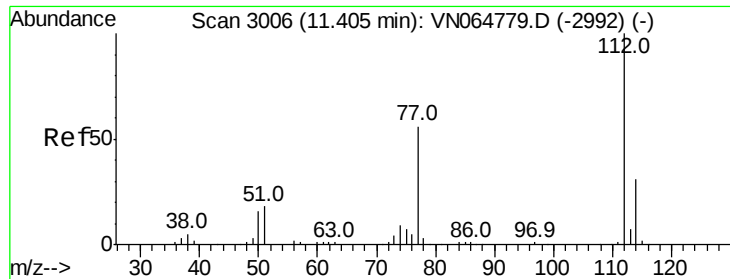
Tot Ion:117 Resp: 291424
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 51.755 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion:164 Resp: 146738
Ion Ratio Lower Upper
164 100
166 128.2 101.4 152.0
129 97.8 76.1 114.1
131 94.8 74.2 111.2

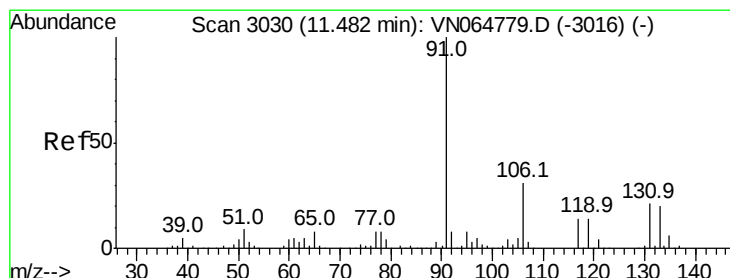
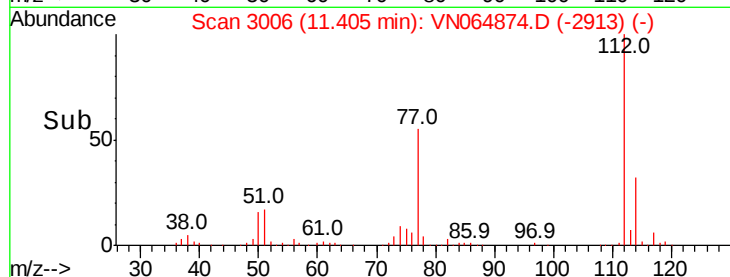
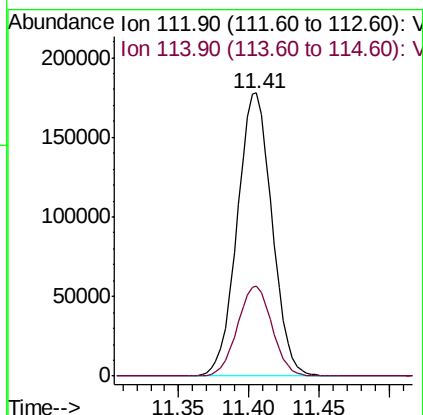
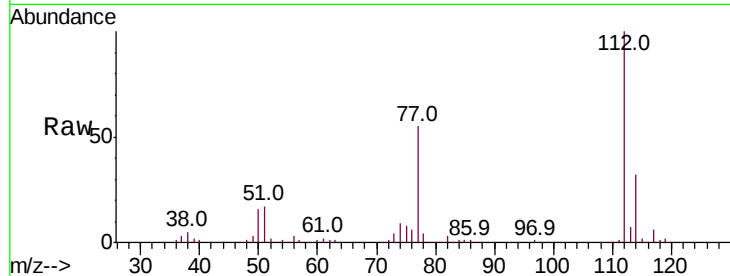




#65
Chlorobenzene
Concen: 49.153 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

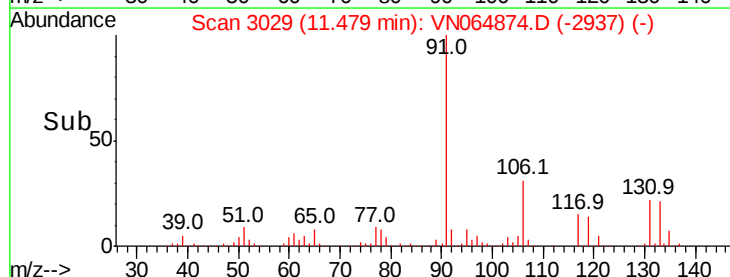
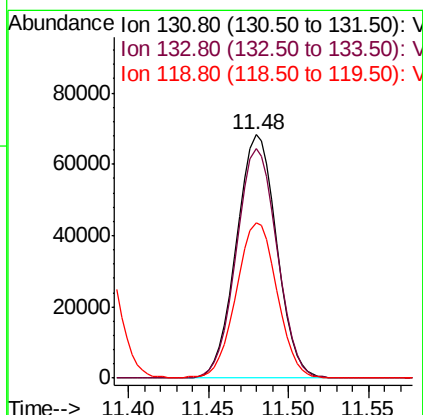
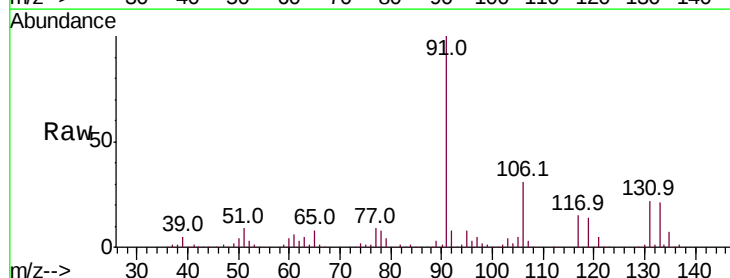
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

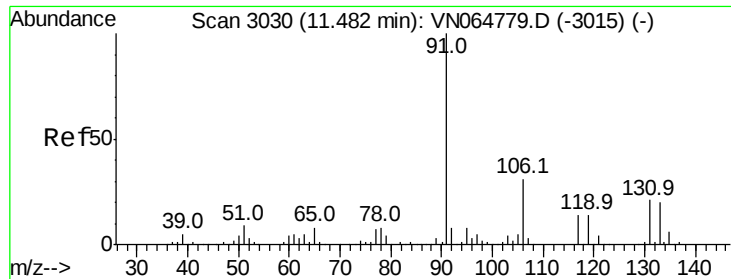
Tot Ion:112 Resp: 307612
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.858 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion:131 Resp: 116970
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 64.8 33.3 99.8

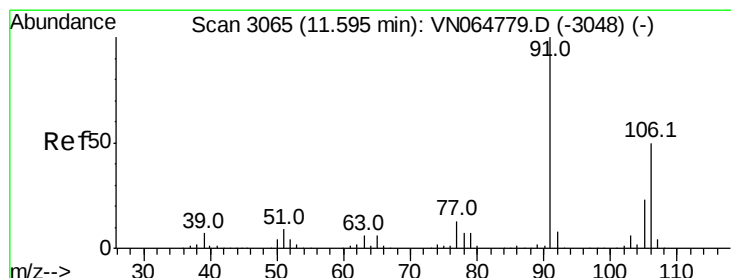
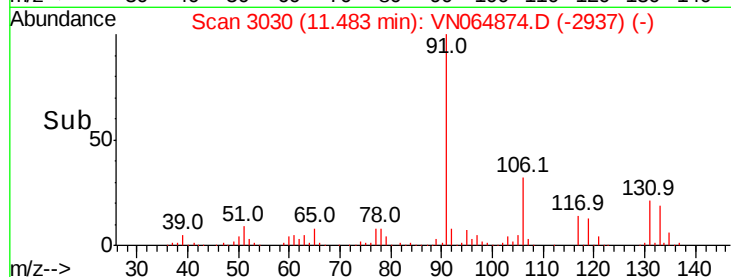
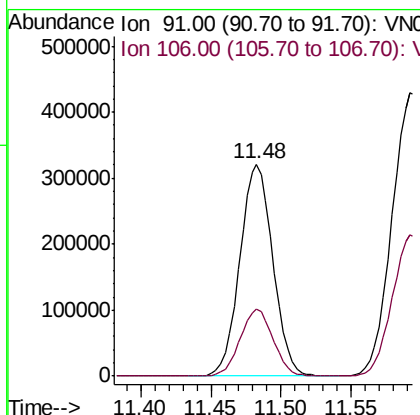
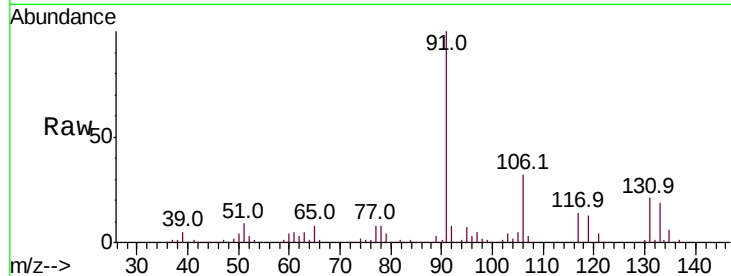




#67
Ethyl Benzene
Concen: 50.365 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

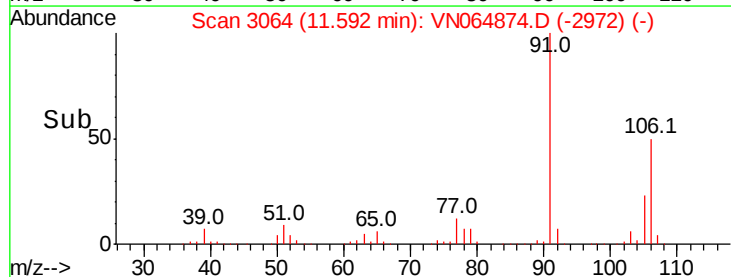
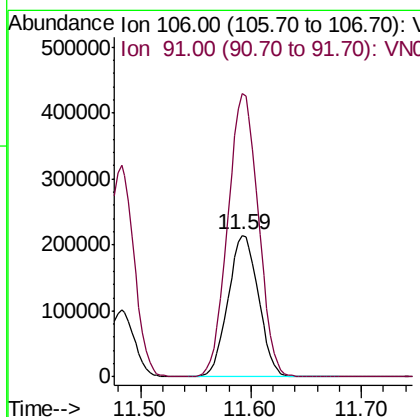
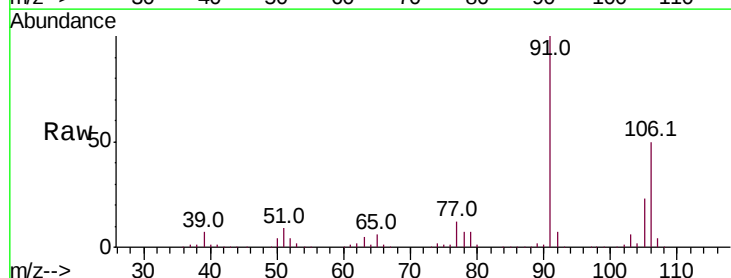
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

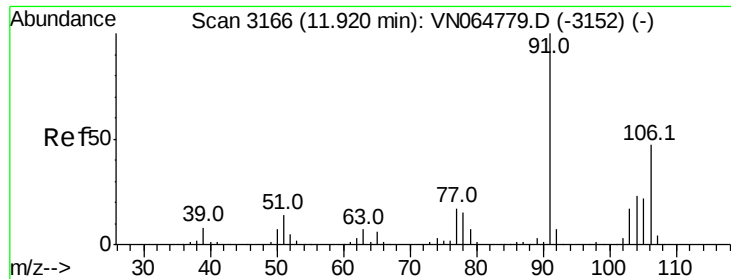
Tot Ion: 91 Resp: 526557
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 103.795 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 106 Resp: 410849
Ion Ratio Lower Upper
106 100
91 200.7 161.0 241.4

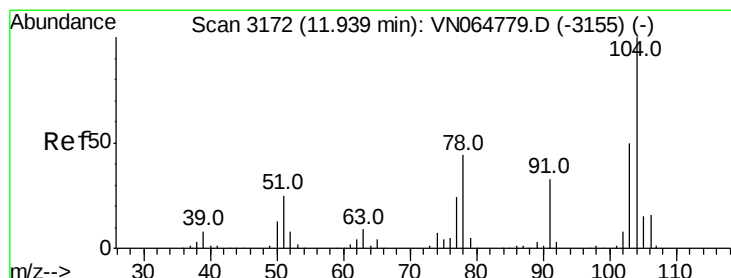
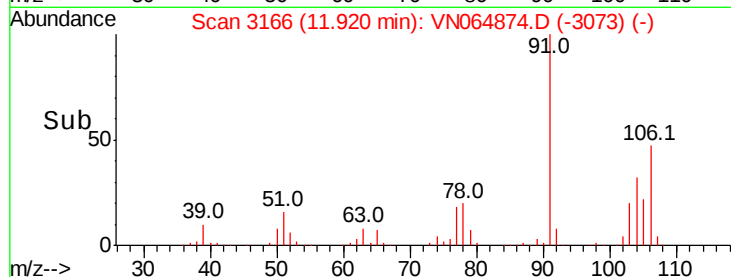
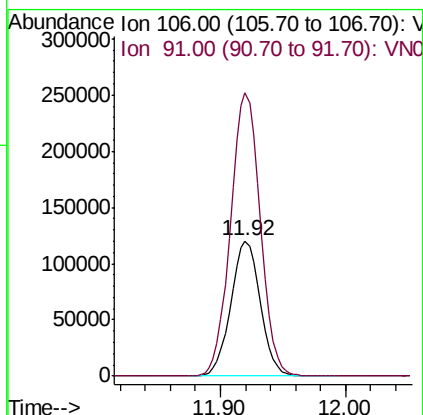
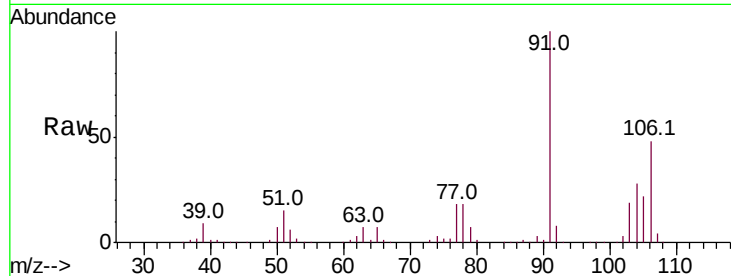




#69
o-Xylene
Concen: 51.982 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

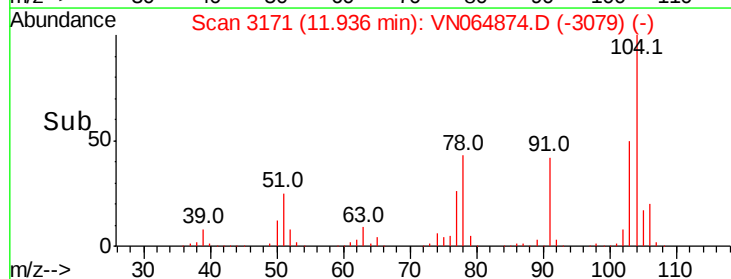
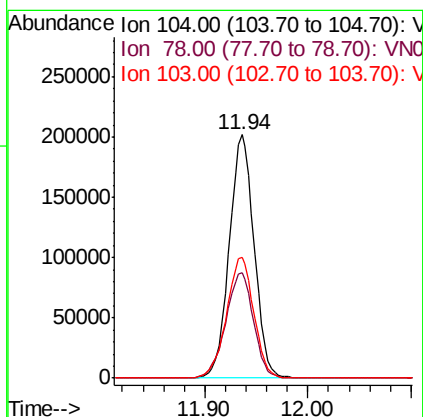
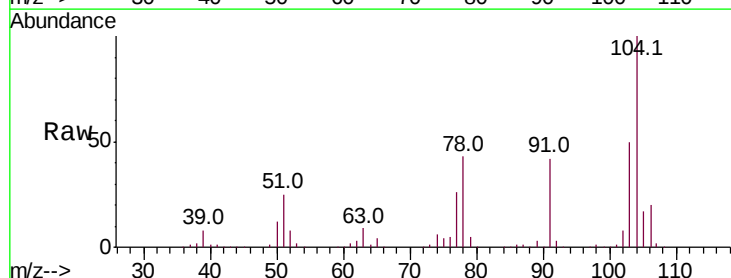
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

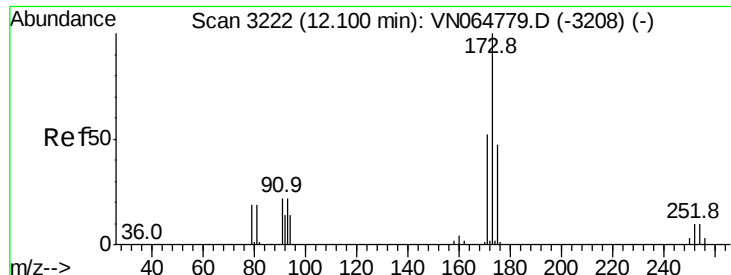
Tot Ion:106 Resp: 195256
Ion Ratio Lower Upper
106 100
91 211.9 105.5 316.5



#70
Styrene
Concen: 53.586 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion:104 Resp: 339794
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 54.2 44.3 66.5





#71

Bromoform

Concen: 48.903 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

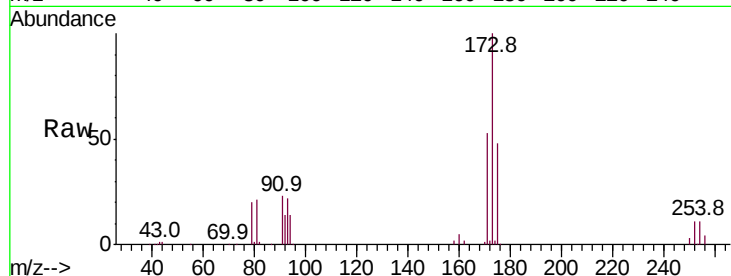
Tot Ion:173 Resp: 89832

Ion Ratio Lower Upper

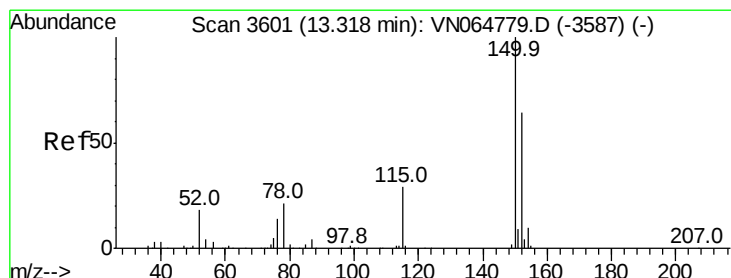
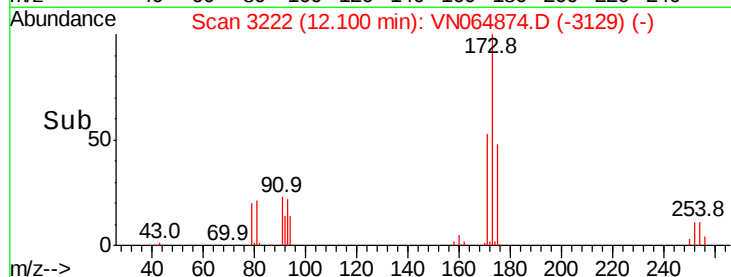
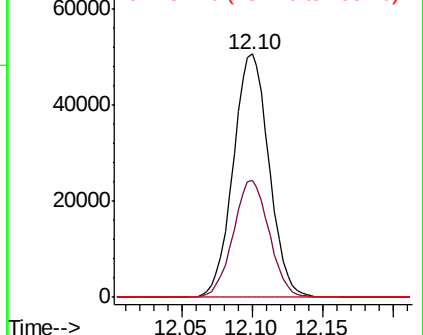
173 100

175 48.1 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

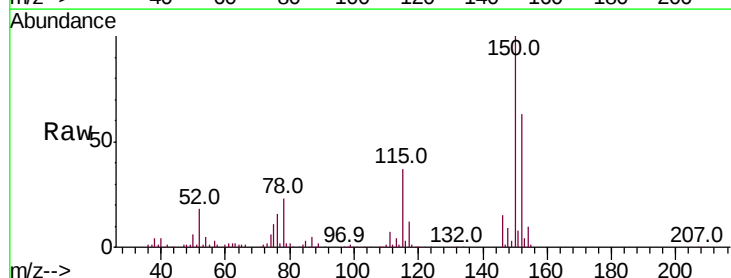
Tgt Ion:152 Resp: 149371

Ion Ratio Lower Upper

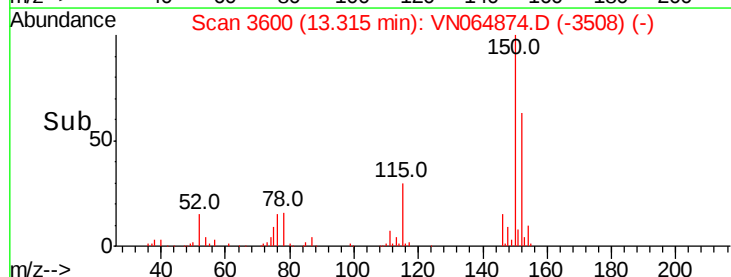
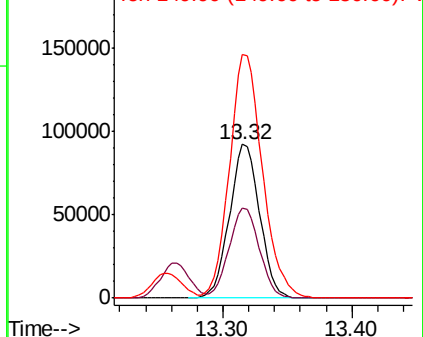
152 100

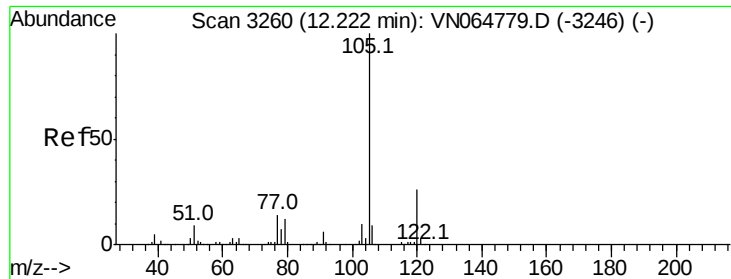
115 59.3 29.7 89.1

150 174.0 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: 50.205 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

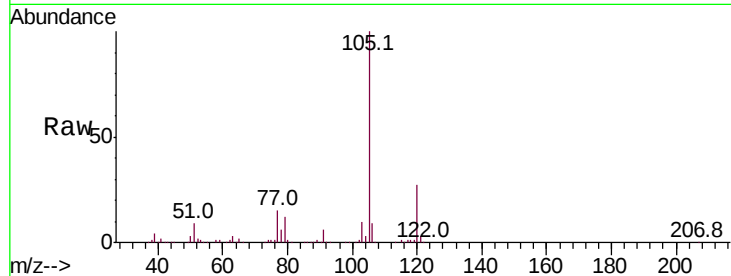
VSTDCCC050

Tot Ion:105 Resp: 521620

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

300000

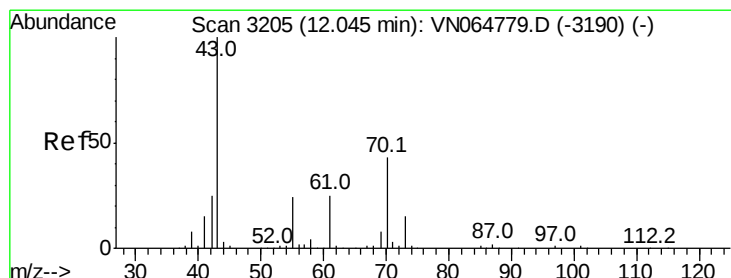
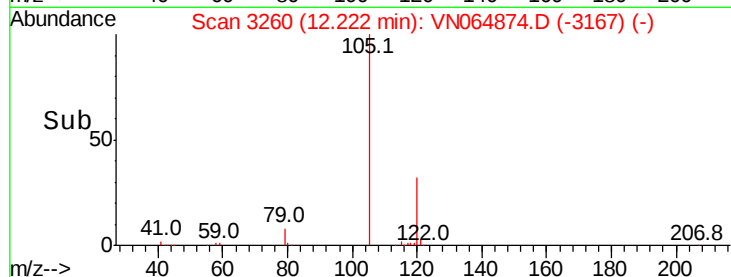
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 47.412 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion: 43 Resp: 193857

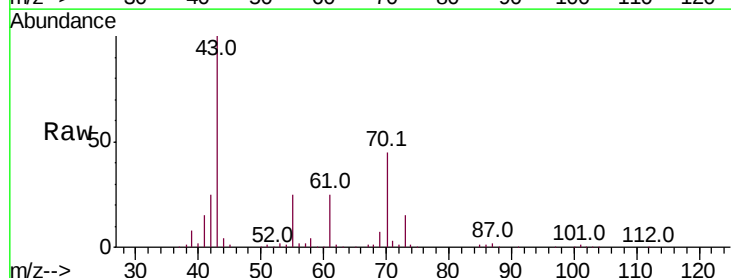
Ion Ratio Lower Upper

43 100

70 43.9 34.5 51.7

55 25.2 20.4 30.6

61 25.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

150000

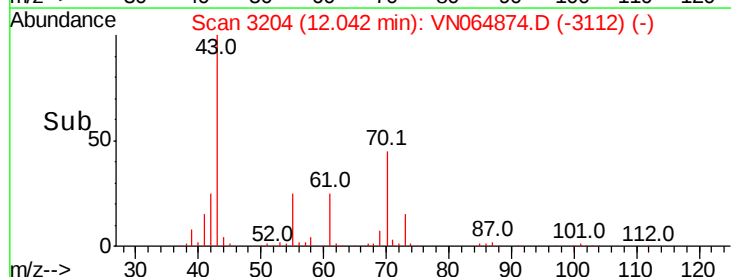
100000

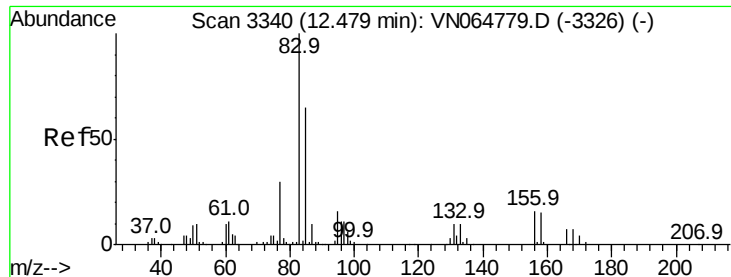
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 45.829 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

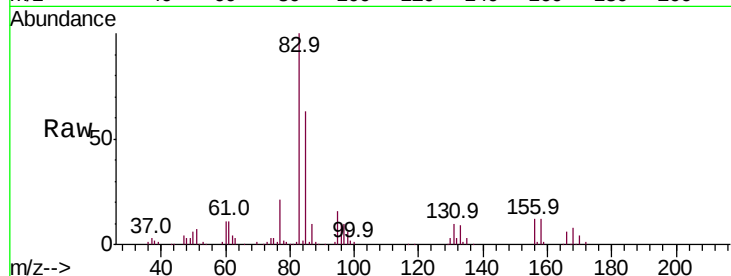
Tot Ion: 83 Resp: 139564

Ion Ratio Lower Upper

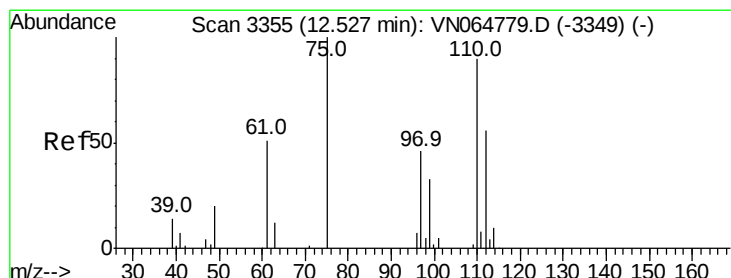
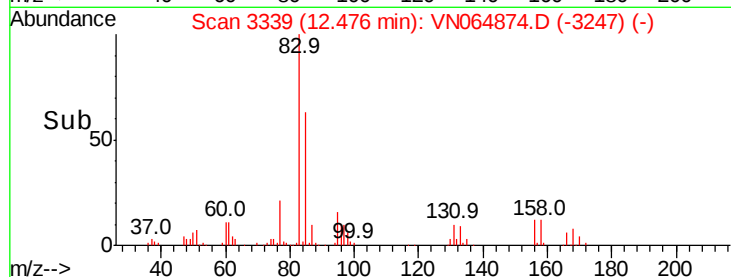
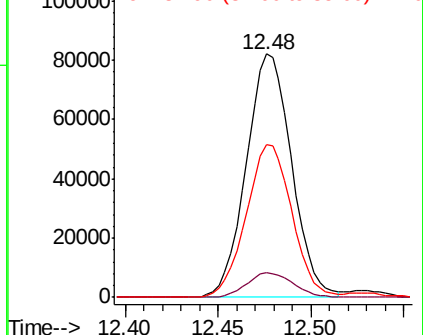
83 100

131 10.4 5.1 15.3

85 63.1 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: 65.288 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064874.D

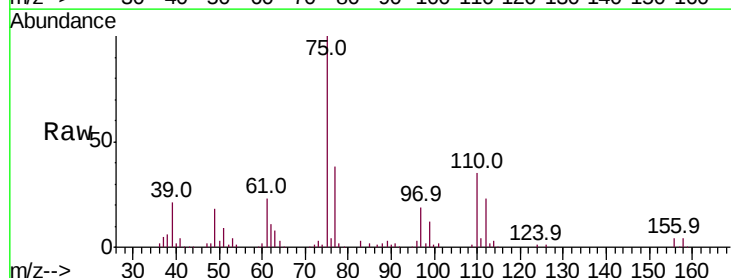
Acq: 1 Dec 2020 10:55

Tgt Ion: 75 Resp: 210019

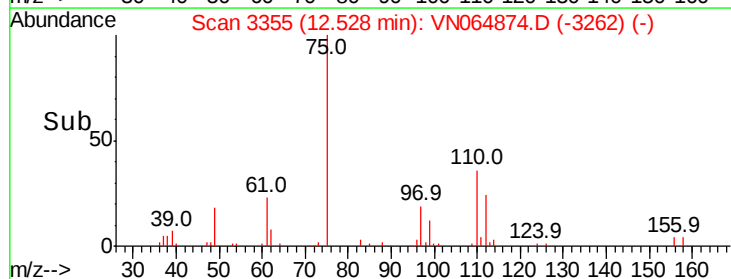
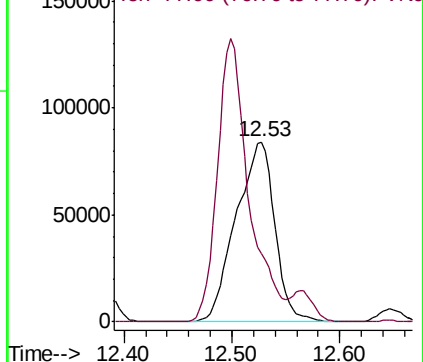
Ion Ratio Lower Upper

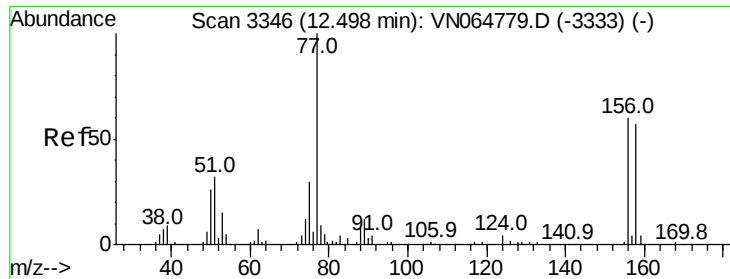
75 100

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

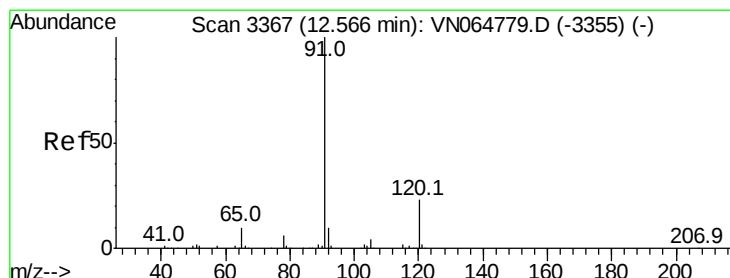
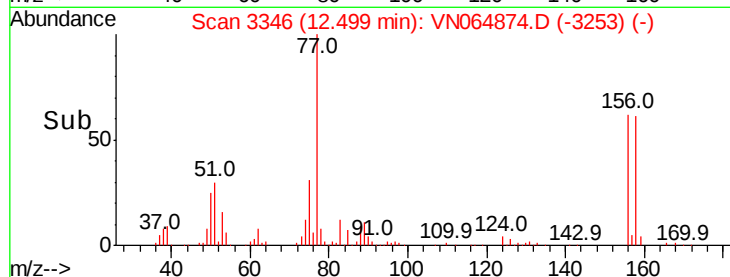
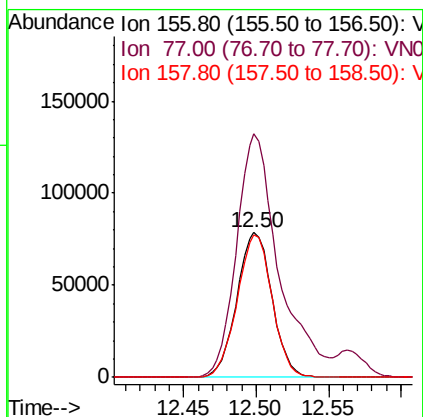
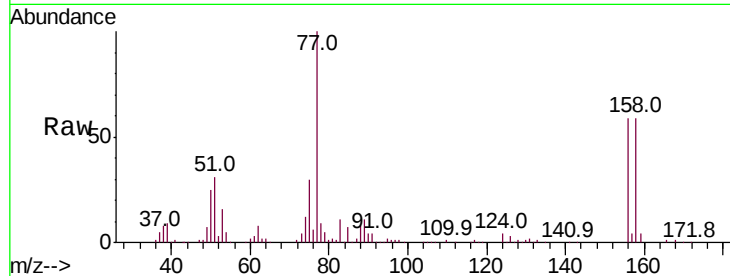




#77
Bromobenzene
Concen: 47.416 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

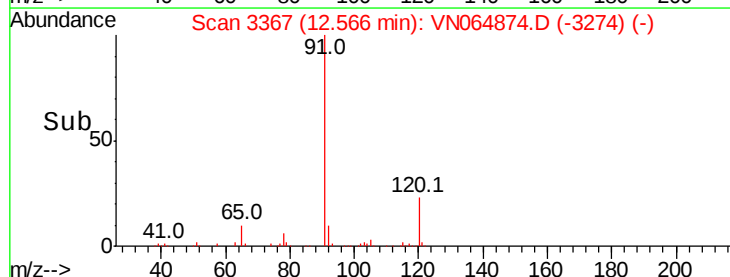
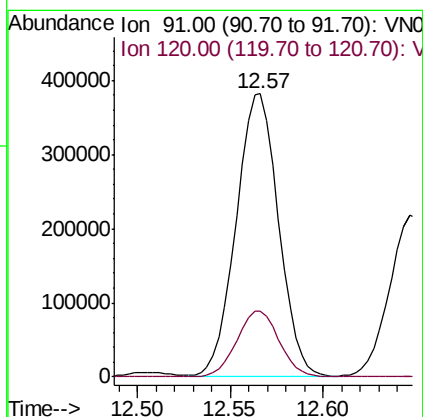
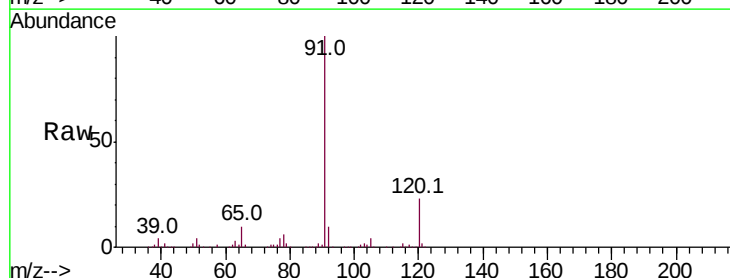
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

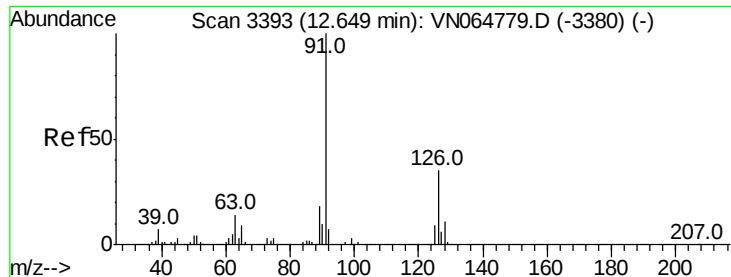
Tot Ion:156 Resp: 132815
Ion Ratio Lower Upper
156 100
77 201.9 101.3 303.7
158 97.4 48.2 144.6



#78
n-propylbenzene
Concen: 50.935 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 91 Resp: 602872
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.7





#79

2-Chlorotoluene

Concen: 48.517 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

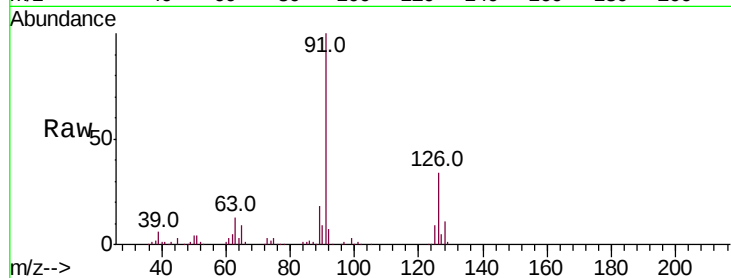
VSTDCCC050

Tot Ion: 91 Resp: 354965

Ion Ratio Lower Upper

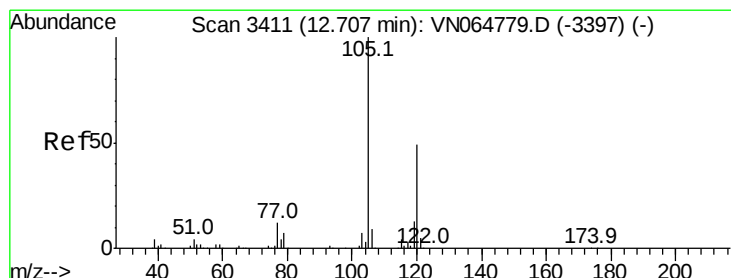
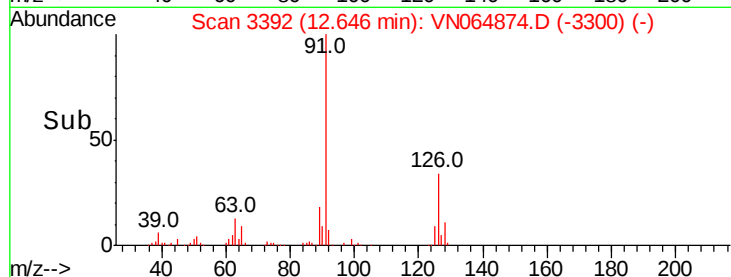
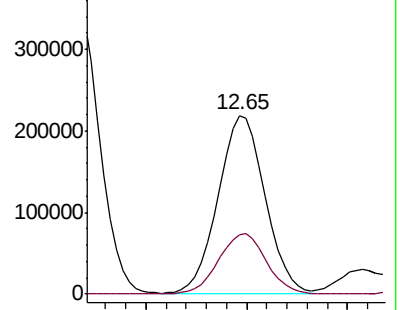
91 100

126 34.7 17.2 51.6



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

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



#80

1,3,5-Trimethylbenzene

Concen: 51.352 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064874.D

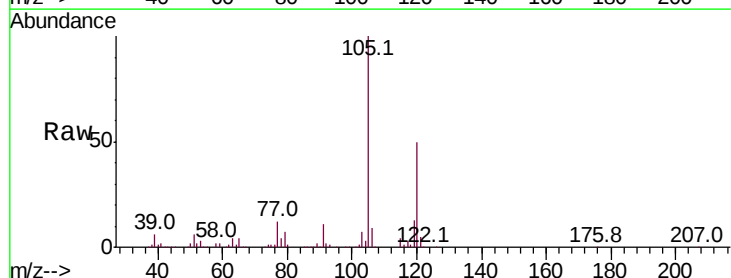
Acq: 1 Dec 2020 10:55

Tgt Ion: 105 Resp: 443476

Ion Ratio Lower Upper

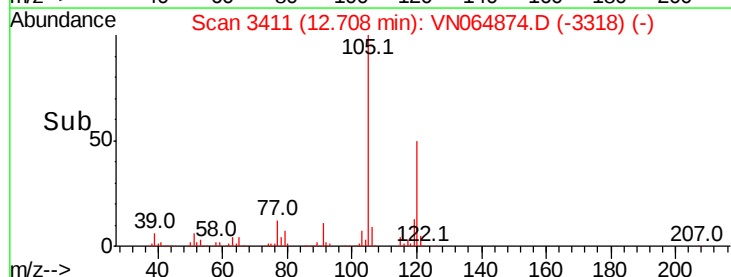
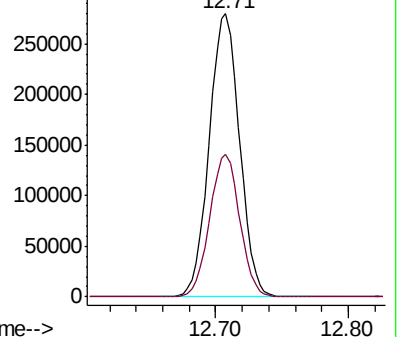
105 100

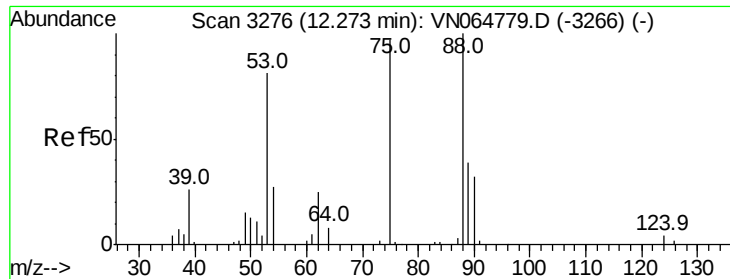
120 50.0 24.6 73.6



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 46.743 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

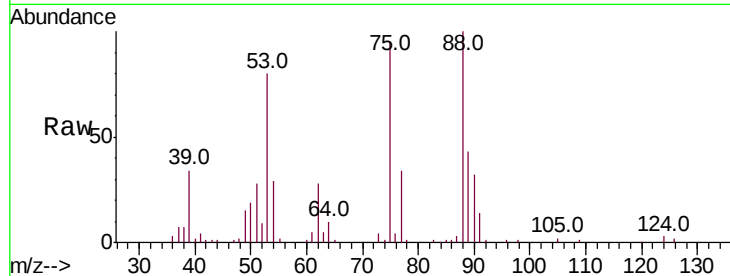
Tot Ion: 75 Resp: 54862

Ion Ratio Lower Upper

75 100

53 84.4 67.0 100.4

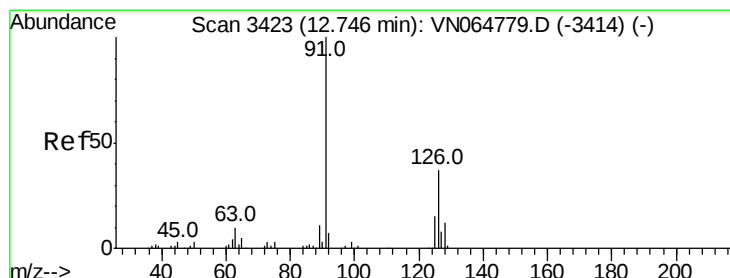
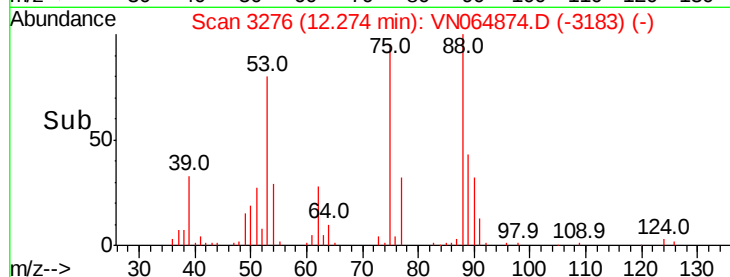
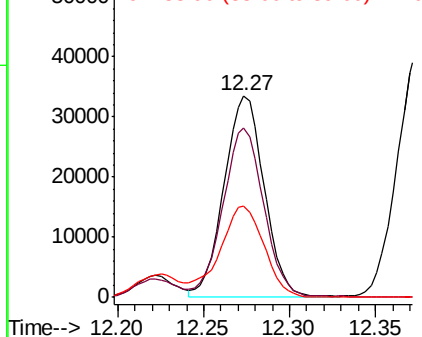
89 49.4 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.613 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064874.D

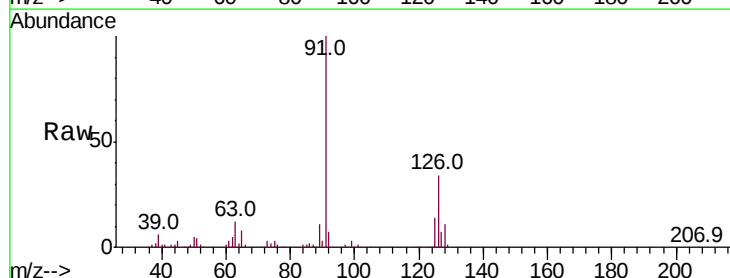
Acq: 1 Dec 2020 10:55

Tgt Ion: 91 Resp: 372808

Ion Ratio Lower Upper

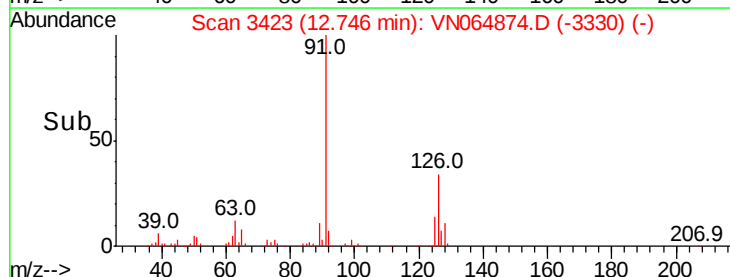
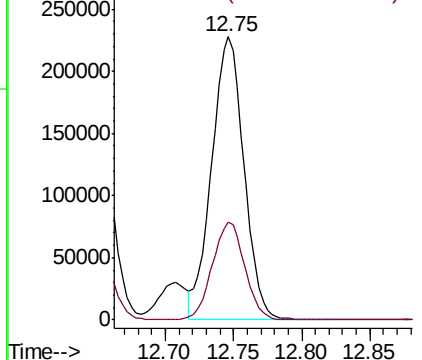
91 100

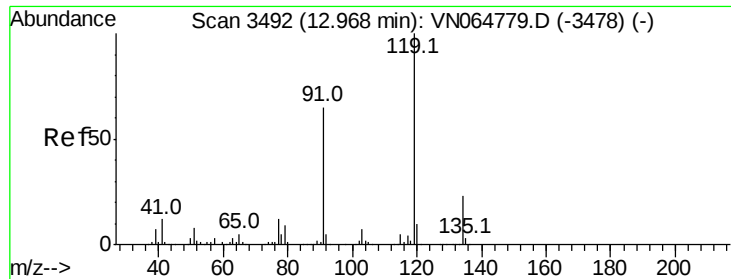
126 34.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

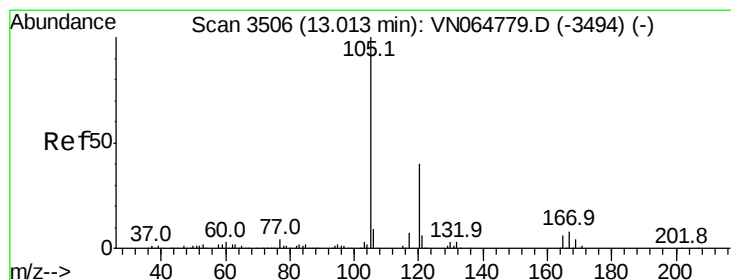
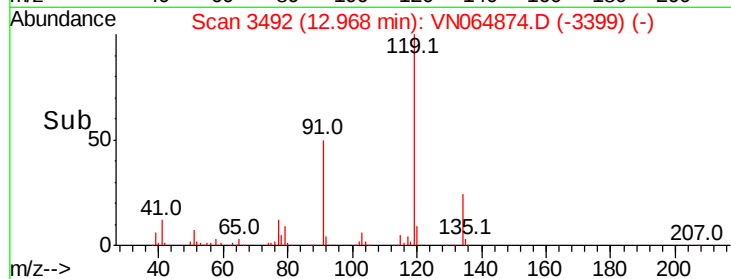
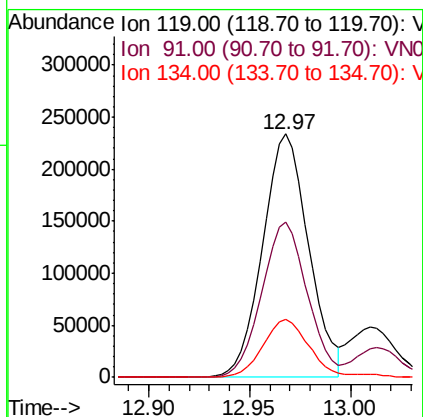
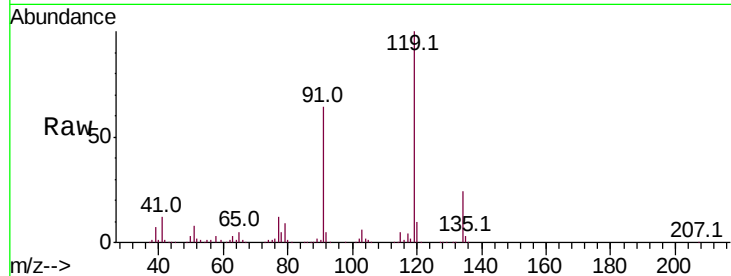




#83
 tert-Butylbenzene
 Concen: 51.320 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

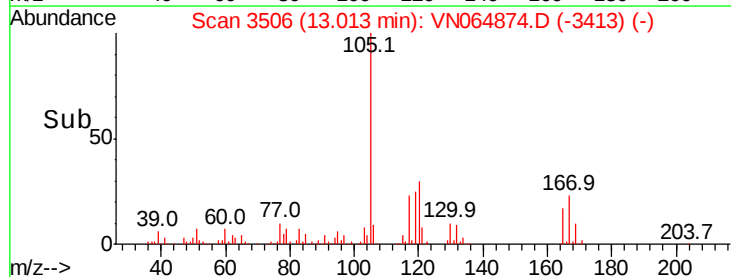
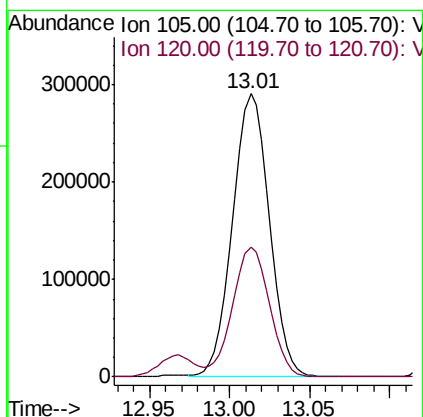
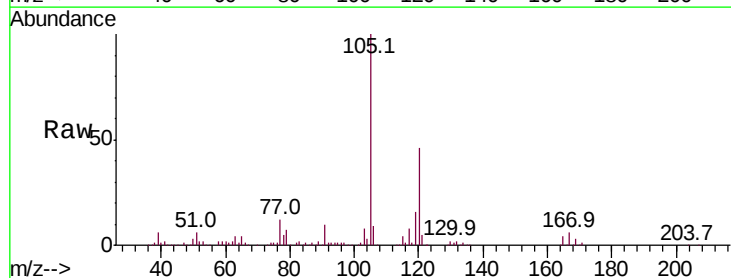
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

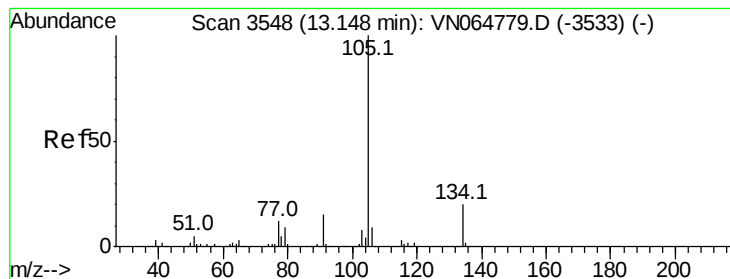
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.3	96.8
134	24.5	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.822 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 51.837 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :

MSVOA_N

ClientSampleId :

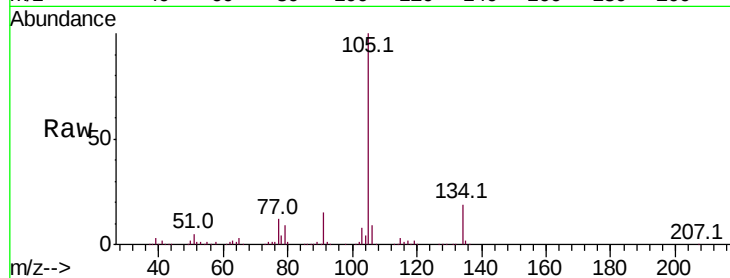
VSTDCCC050

Tot Ion:105 Resp: 498201

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

300000

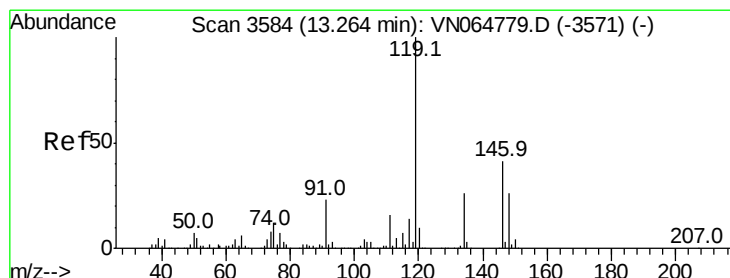
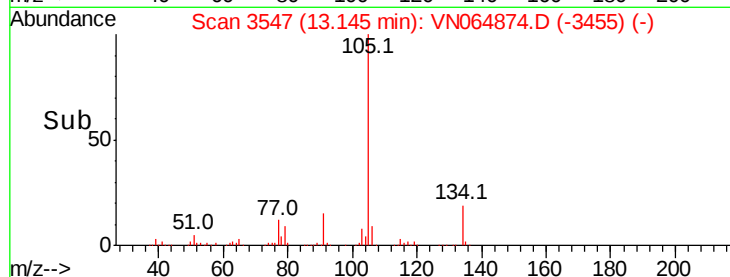
200000

100000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 53.655 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

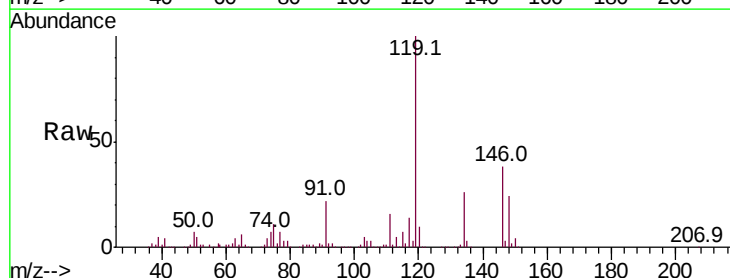
Tgt Ion:119 Resp: 469484

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.7 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

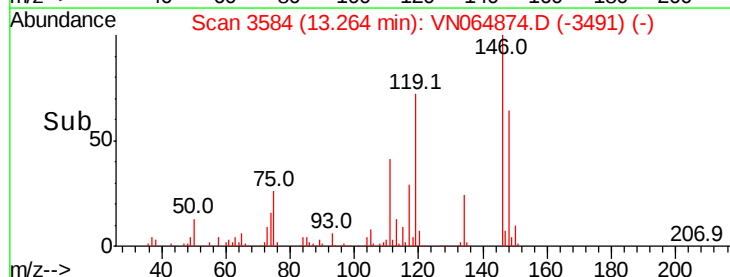
200000

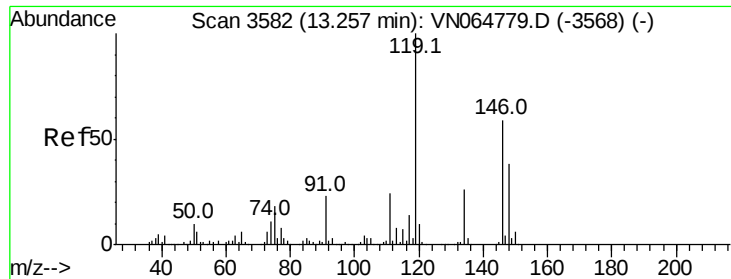
100000

0

Time-->

13.20 13.30





#87

1,3-Dichlorobenzene

Concen: 48.468 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

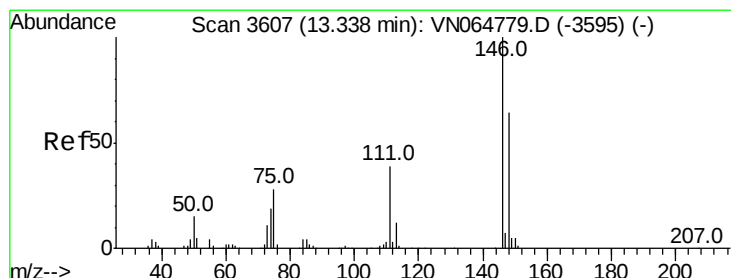
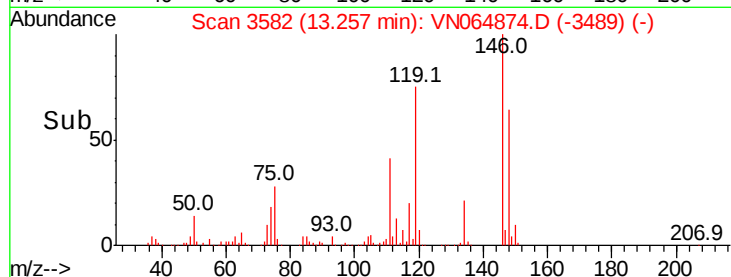
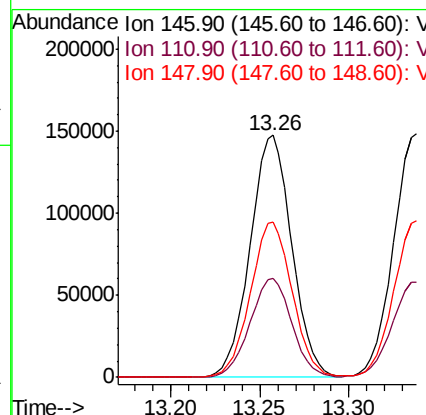
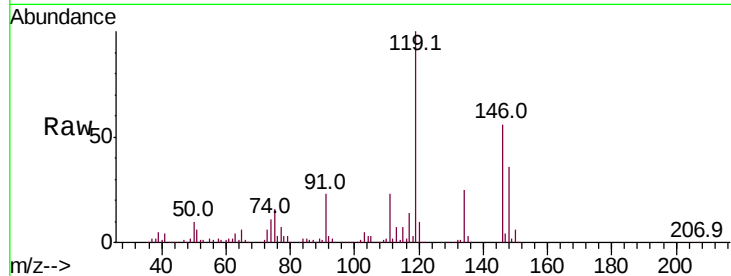
Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 241203

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	64.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 46.432 ug/l

RT: 13.34 min Scan# 3607

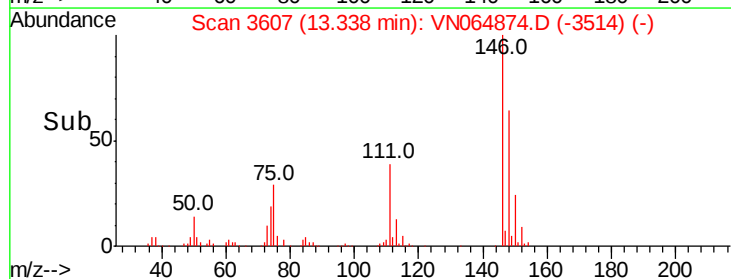
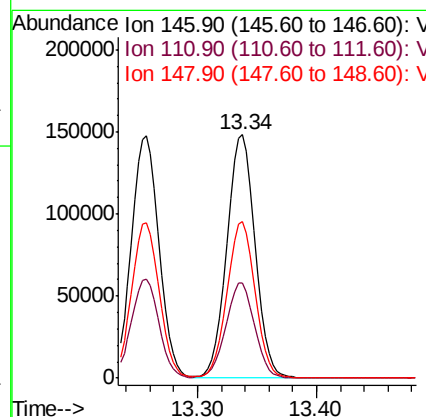
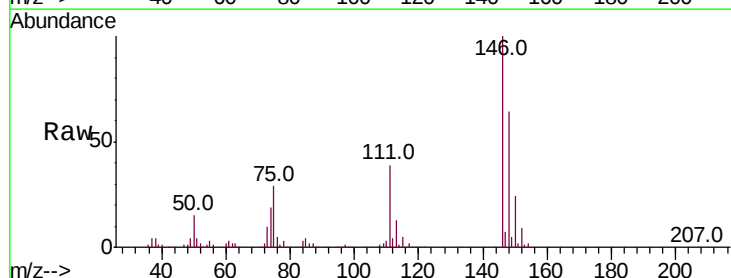
Delta R.T. 0.00 min

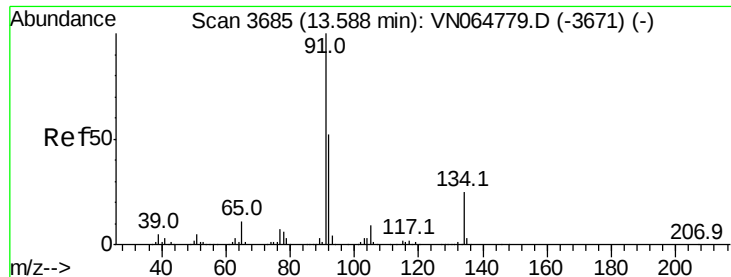
Lab File: VN064874.D

Acq: 1 Dec 2020 10:55

Tgt Ion:146 Resp: 244371

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	63.6	31.9	95.5

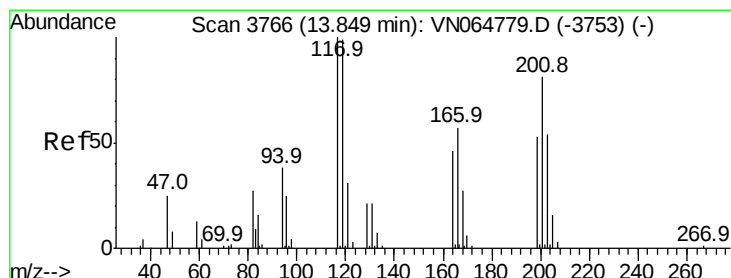
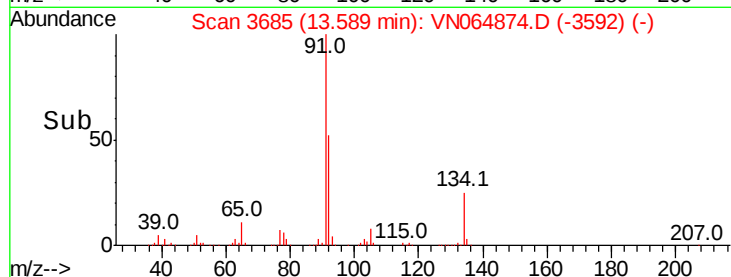
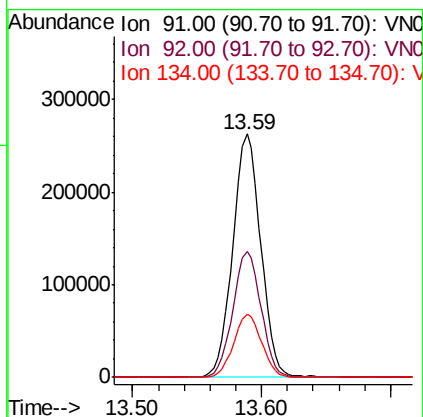
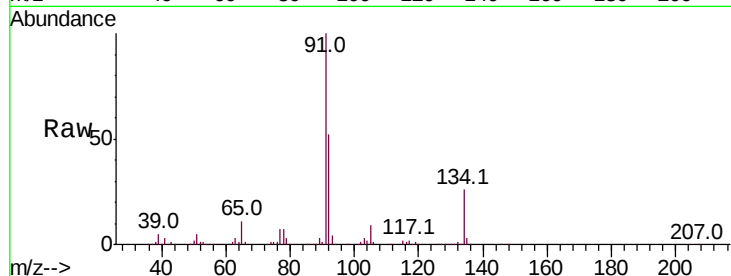




#89
n-Butylbenzene
Concen: 51.617 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

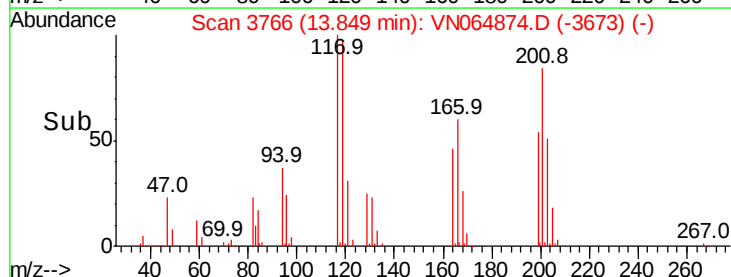
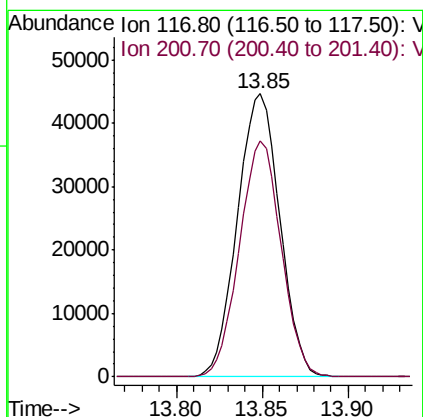
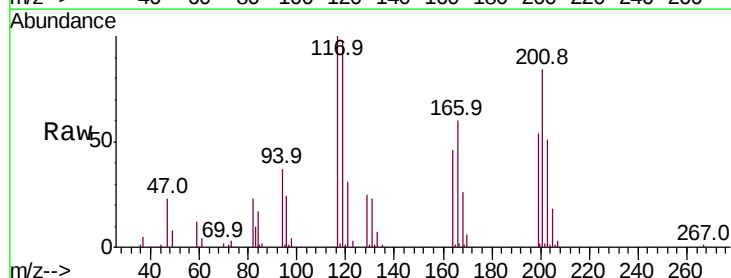
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

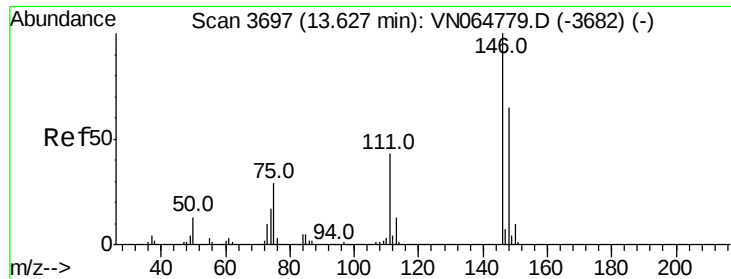
Tot Ion: 91 Resp: 396638
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 26.0 12.9 38.6



#90
Hexachloroethane
Concen: 50.318 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion: 117 Resp: 76487
Ion Ratio Lower Upper
117 100
201 81.9 40.1 120.3

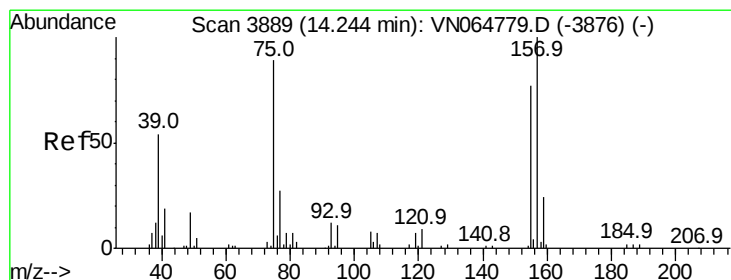
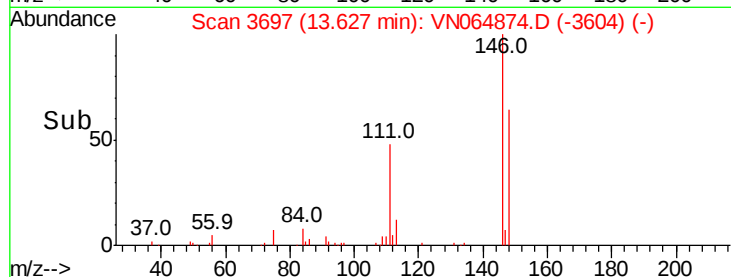
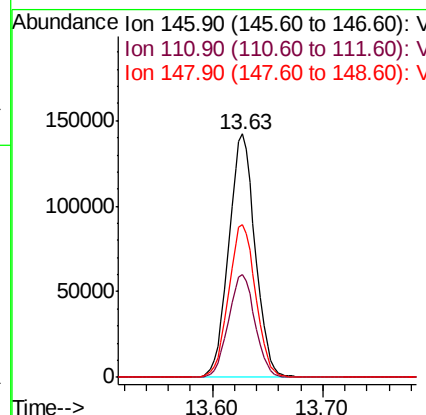
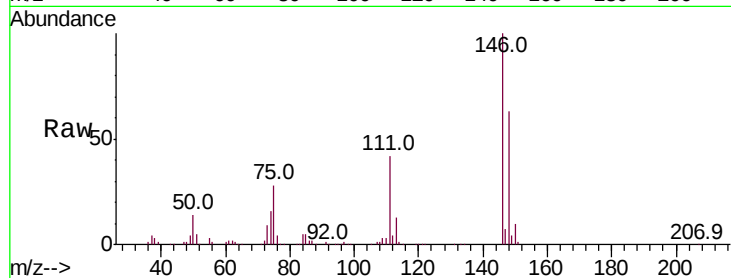




#91
 1,2-Dichlorobenzene
 Concen: 48.251 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

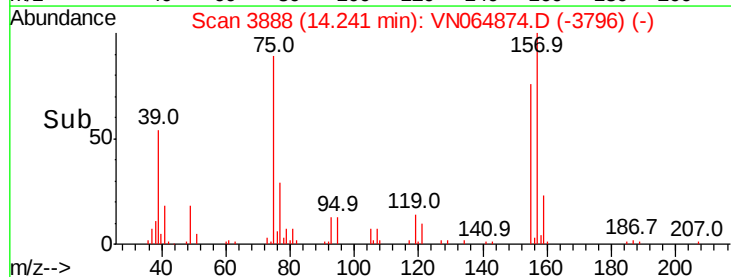
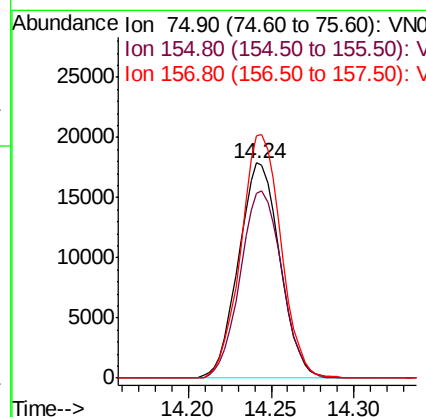
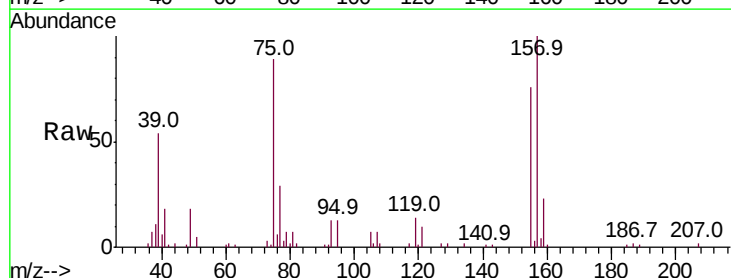
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

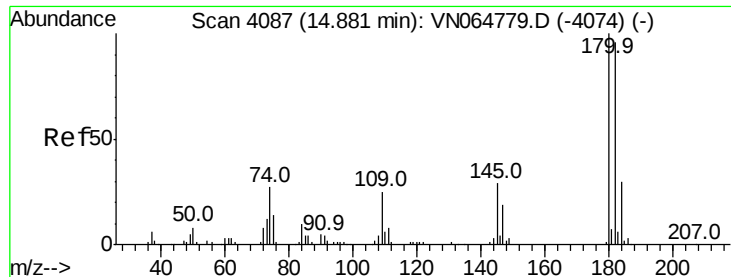
Tot Ion:146 Resp: 235778
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.1
 148 64.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.325 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion: 75 Resp: 31057
 Ion Ratio Lower Upper
 75 100
 155 87.2 42.8 128.3
 157 110.1 56.4 169.1

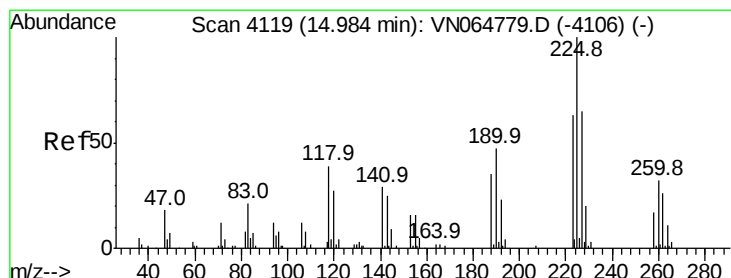
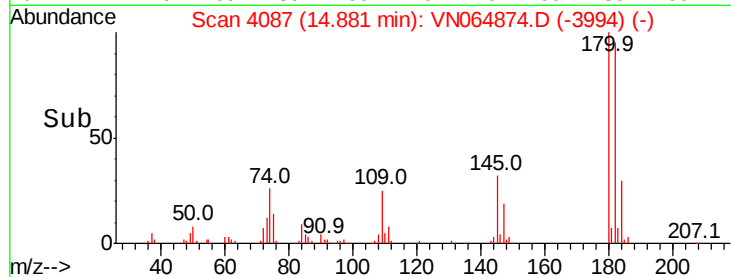
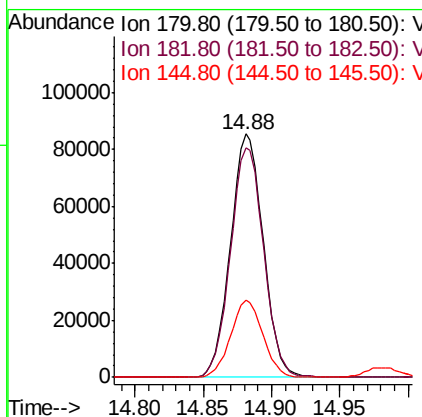
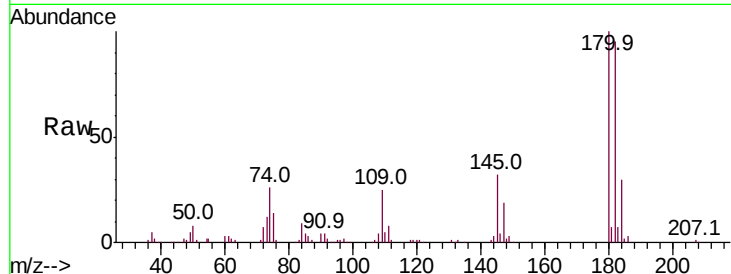




#93
 1,2,4-Trichlorobenzene
 Concen: 47.081 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

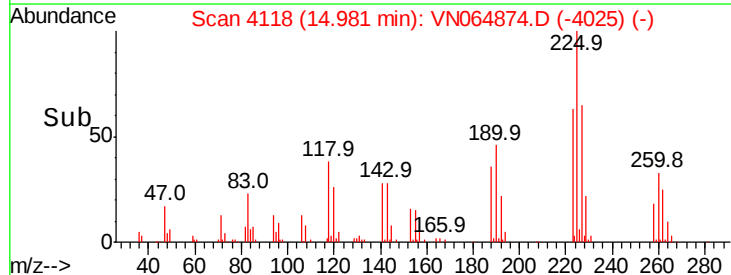
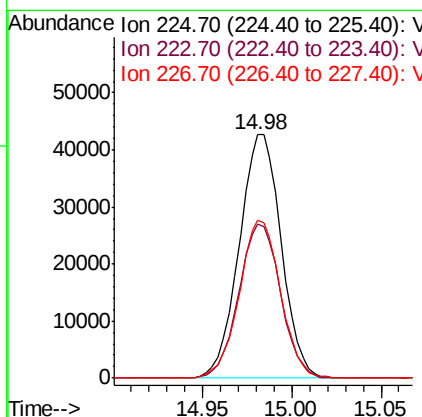
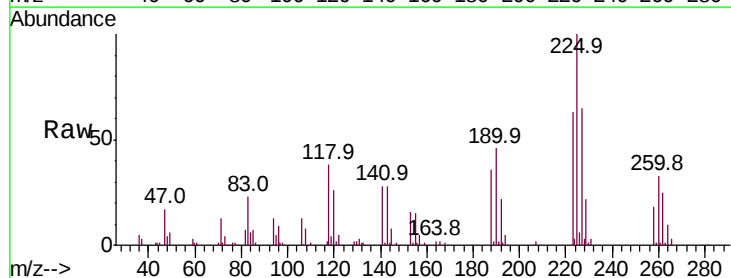
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

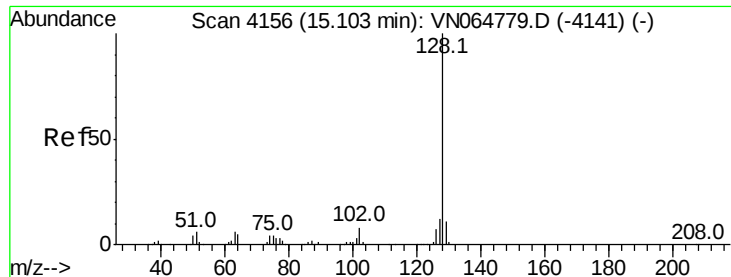
Tot Ion:180 Resp: 142317
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.9
 145 31.1 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 51.370 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064874.D
 Acq: 1 Dec 2020 10:55

Tgt Ion:225 Resp: 69940
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.0 93.0
 227 63.4 32.0 96.0

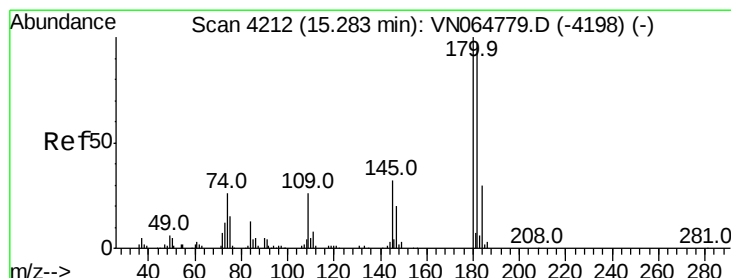
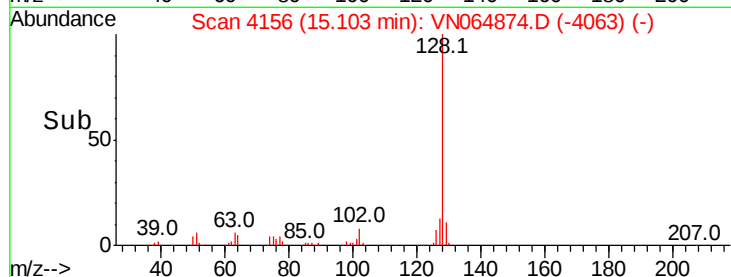
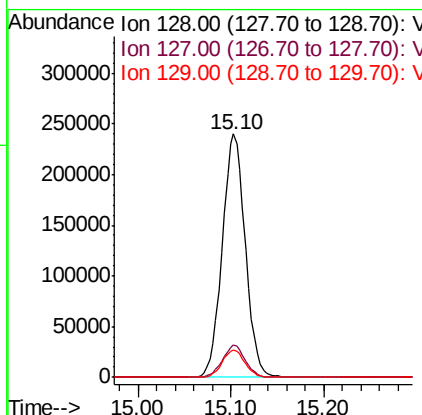
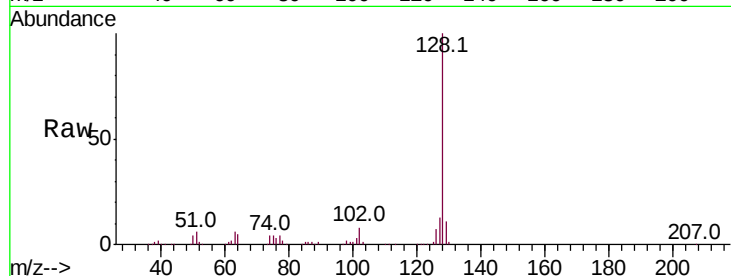




#95
Naphthalene
Concen: 45.598 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 412933
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.554 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064874.D
Acq: 1 Dec 2020 10:55

Tgt Ion:180 Resp: 136402
Ion Ratio Lower Upper
180 100
182 97.3 48.1 144.4
145 32.2 16.4 49.1

