

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
 Data File : VN065037.D
 Acq On : 10 Dec 2020 9:49
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Dec 10 14:08:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	168378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	2388	1.22	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	2.44%#		
35) Dibromofluoromethane	7.54	113	1048	0.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	1.20%#		
50) Toluene-d8	10.05	98	5885	0.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	1.68%#		
62) 4-Bromofluorobenzene	12.38	95	2044	0.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	1.64%#		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	1603	1.139	ug/l 78
3) Chloromethane	2.04	50	2190	1.189	ug/l # 81
4) Vinyl Chloride	2.17	62	1866	0.967	ug/l 97
5) Bromomethane	2.54	94	1534	1.211	ug/l 84
6) Chloroethane	2.68	64	1263	1.046	ug/l # 88
7) Trichlorofluoromethane	2.99	101	3045	1.127	ug/l 89
8) Diethyl Ether	3.37	74	1240	1.160	ug/l # 43
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1762	1.084	ug/l # 81
10) Methyl Iodide	3.91	142	1836	0.886	ug/l # 62
11) Tert butyl alcohol	4.74	59	803	2.742	ug/l # 72
12) 1,1-Dichloroethene	3.70	96	1812	1.131	ug/l # 88
13) Acrolein	3.57	56	384	2.047	ug/l # 34
14) Allyl chloride	4.27	41	1325	0.501	ug/l # 46
15) Acrylonitrile	4.94	53	1782	2.148	ug/l # 53
16) Acetone	3.78	43	4553	6.926	ug/l 95
17) Carbon Disulfide	4.01	76	4889	1.070	ug/l # 84
18) Methyl Acetate	4.28	43	1402	0.729	ug/l # 73
19) Methyl tert-butyl Ether	4.99	73	2417	0.467	ug/l 96
20) Methylene Chloride	4.51	84	2523	1.259	ug/l # 92
21) trans-1,2-Dichloroethene	4.99	96	1525	0.855	ug/l # 62
22) Diisopropyl ether	5.89	45	1548	0.290	ug/l # 52
23) Vinyl Acetate	5.85	43	12721	2.996	ug/l 95
24) 1,1-Dichloroethane	5.78	63	1829	0.573	ug/l # 83
25) 2-Butanone	6.79	43	4588	4.466	ug/l 97
26) 2,2-Dichloropropane	6.76	77	1491	0.538	ug/l 83
27) cis-1,2-Dichloroethene	6.77	96	1786	0.884	ug/l 96
28) Bromochloromethane	7.14	49	1155	0.790	ug/l # 82
29) Tetrahydrofuran	7.17	42	2447	3.482	ug/l # 86
30) Chloroform	7.33	83	3493	1.054	ug/l 93
31) Cyclohexane	7.62	56	4919	1.848	ug/l # 31
32) 1,1,1-Trichloroethane	7.53	97	1629	0.575	ug/l # 37
36) 1,1-Dichloropropene	7.75	75	2402	0.913	ug/l 89
37) Ethyl Acetate	6.88	43	598	0.240	ug/l # 67
38) Carbon Tetrachloride	7.73	117	2572	0.938	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	2094	0.751	ug/l	94
40) Benzene	8.00	78	7340	0.910	ug/l	99
41) Methacrylonitrile	7.13	41	627	0.521	ug/l #	54
42) 1,2-Dichloroethane	8.09	62	2336	0.857	ug/l	84
43) Isopropyl Acetate	8.12	43	2969	0.735	ug/l #	90
44) Trichloroethene	8.79	130	2024	0.854	ug/l	94
45) 1,2-Dichloropropane	9.08	63	2014	0.956	ug/l	97
46) Dibromomethane	9.17	93	1364	0.973	ug/l	95
47) Bromodichloromethane	9.37	83	2467	0.875	ug/l #	90
48) Methyl methacrylate	9.17	41	1424	0.738	ug/l	88
49) 1,4-Dioxane	9.17	88	233	6.400	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	8989	3.710	ug/l #	86
52) Toluene	10.12	92	3948	0.793	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	2318	0.742	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	2591	0.771	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	1690	0.820	ug/l #	87
56) Ethyl methacrylate	10.40	69	1632	0.584	ug/l #	78
57) 1,3-Dichloropropane	10.67	76	2480	0.734	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.67	63	5351	3.474	ug/l	96
59) 2-Hexanone	10.72	43	6207	3.562	ug/l	87
60) Dibromochloromethane	10.87	129	1742	0.764	ug/l	91
61) 1,2-Dibromoethane	10.98	107	1798	0.864	ug/l	87
64) Tetrachloroethene	10.60	164	2146	0.901	ug/l	92
65) Chlorobenzene	11.40	112	4793	0.899	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	1896	0.967	ug/l #	63
67) Ethyl Benzene	11.48	91	6691	0.756	ug/l	98
68) m/p-Xylenes	11.60	106	4752	1.410	ug/l	92
69) o-Xylene	11.92	106	2213	0.693	ug/l	98
70) Styrene	11.94	104	3397	0.630	ug/l	91
71) Bromoform	12.10	173	1226	0.787	ug/l #	84
73) Isopropylbenzene	12.22	105	5298	0.771	ug/l	93
74) N-amyl acetate	12.05	43	1669	0.628	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.48	83	2338	1.157	ug/l #	88
76) 1,2,3-Trichloropropane	12.53	75	2653	1.262	ug/l #	100
77) Bromobenzene	12.50	156	1435	0.773	ug/l	65
78) n-propylbenzene	12.57	91	5903	0.757	ug/l	94
79) 2-Chlorotoluene	12.65	91	3734	0.774	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	3779	0.662	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	404	0.531	ug/l #	50
82) 4-Chlorotoluene	12.75	91	3617	0.715	ug/l	95
83) tert-Butylbenzene	12.97	119	3442	0.720	ug/l	90
84) 1,2,4-Trimethylbenzene	13.01	105	3605	0.624	ug/l	99
85) sec-Butylbenzene	13.15	105	4312	0.683	ug/l	94
86) p-Isopropyltoluene	13.26	119	3566	0.620	ug/l	95
87) 1,3-Dichlorobenzene	13.25	146	2790	0.845	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	3014	0.864	ug/l	84
89) n-Butylbenzene	13.59	91	3490	0.695	ug/l	91
90) Hexachloroethane	13.85	117	1012	1.007	ug/l	86
91) 1,2-Dichlorobenzene	13.62	146	3133	0.966	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.24	75	276	0.620	ug/l #	48

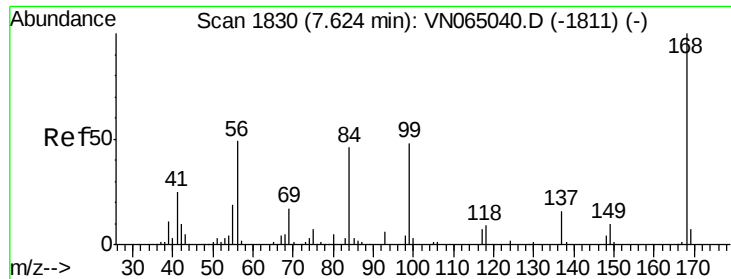
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	826	0.421	ug/l	81
94) Hexachlorobutadiene	14.97	225	940	0.940	ug/l	86
95) Naphthalene	15.11	128	2207	0.377	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.29	180	690	0.358	ug/l #	83

(#) = 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: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

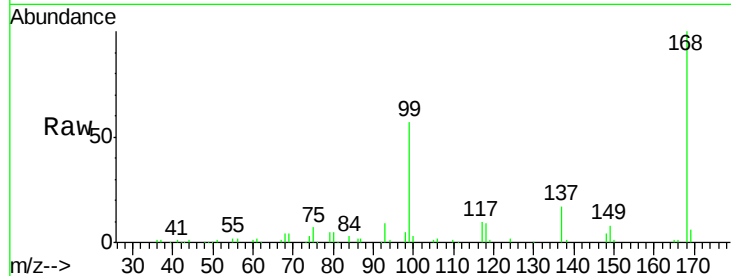
VSTDIC001

Tgt Ion:168 Resp: 168378

Ion Ratio Lower Upper

168 100

99 57.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

60000

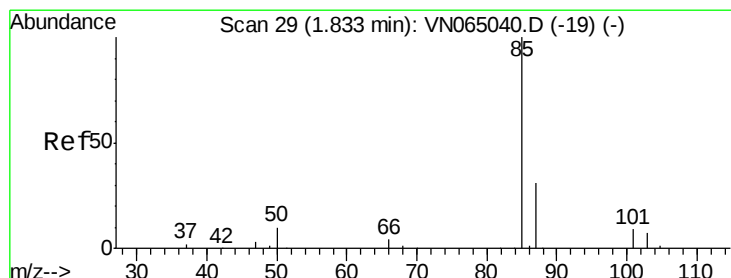
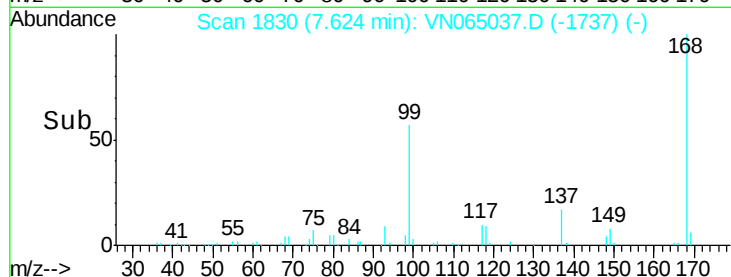
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 1.139 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065037.D

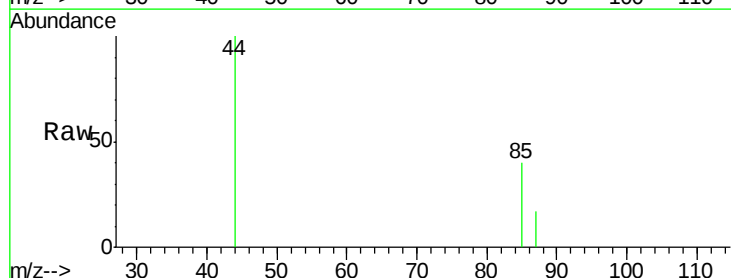
Acq: 10 Dec 2020 9:49

Tgt Ion: 85 Resp: 1603

Ion Ratio Lower Upper

85 100

87 43.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

1500

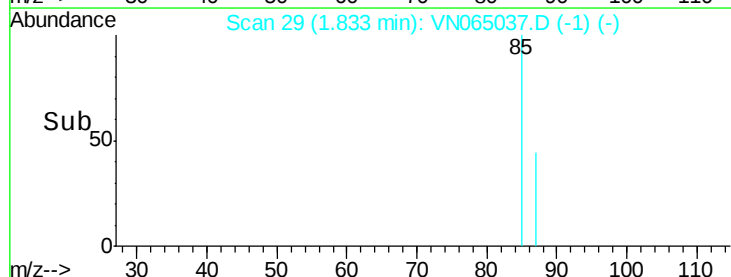
1000

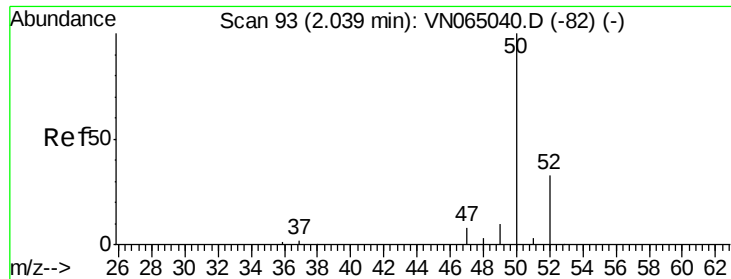
500

0

Time-->

1.80 1.82 1.84 1.86

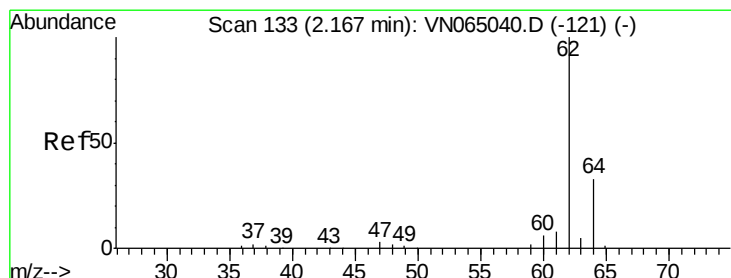
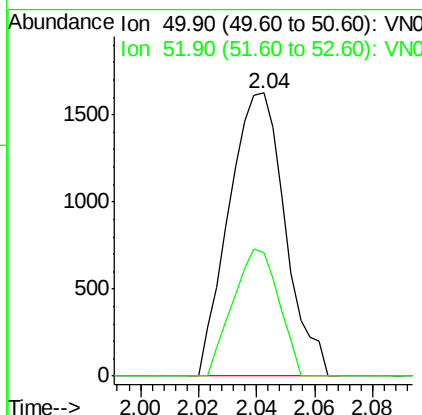
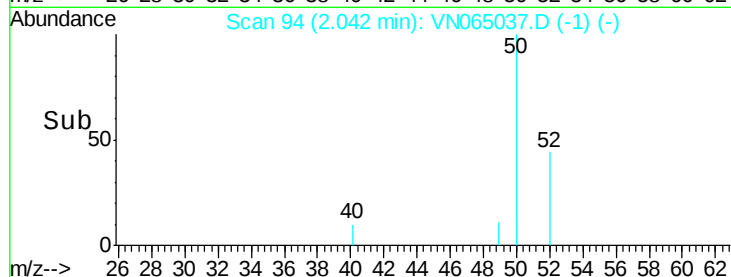
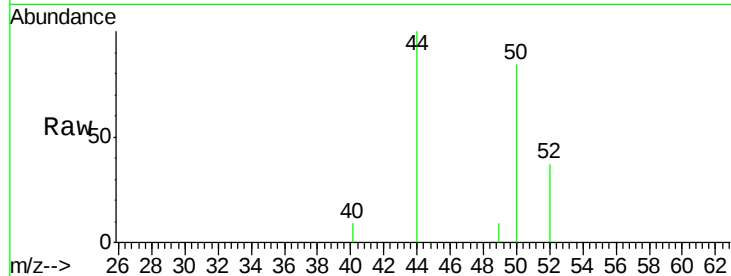




#3
 Chloromethane
 Concen: 1.189 ug/l
 RT: 2.04 min Scan# 94
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

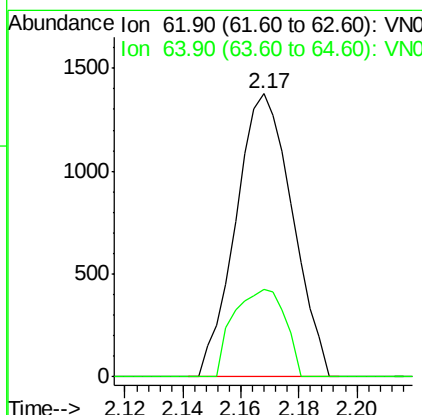
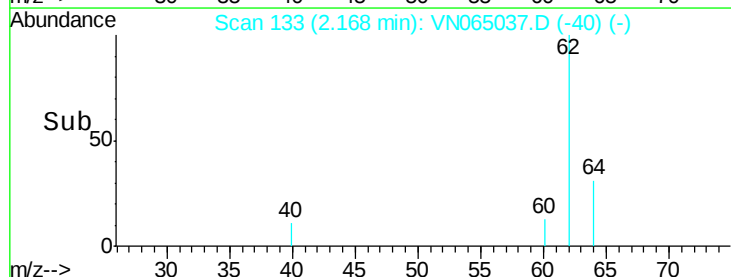
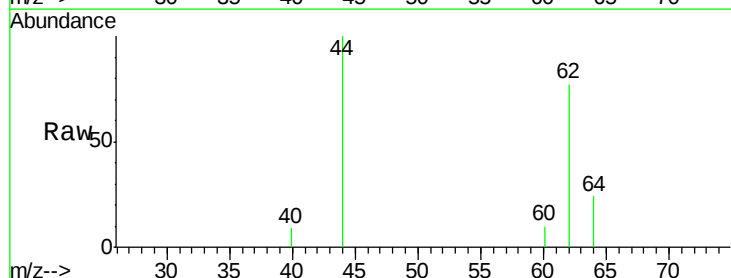
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

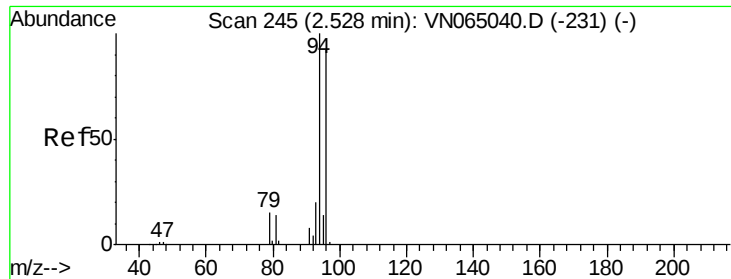
Tgt Ion: 50 Resp: 2190
 Ion Ratio Lower Upper
 50 100
 52 43.8 26.5 39.7#



#4
 Vinyl Chloride
 Concen: 0.967 ug/l
 RT: 2.17 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion: 62 Resp: 1866
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.1 39.1





#5

Bromomethane

Concen: 1.211 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

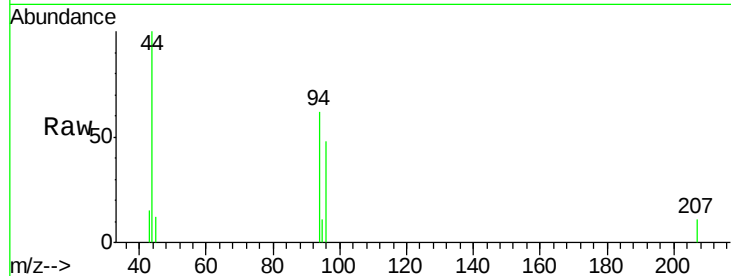
VSTDIC001

Tgt Ion: 94 Resp: 1534

Ion Ratio Lower Upper

94 100

96 77.1 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN065040.D (-231) (-)

Ion 95.90 (95.60 to 96.60): VN065040.D (-231) (-)

2.54

800

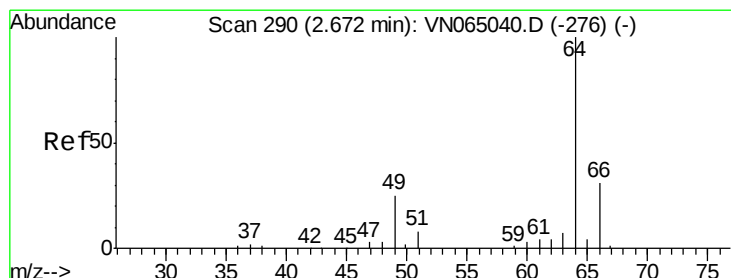
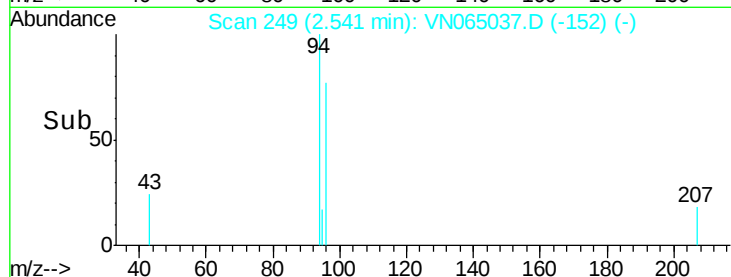
600

400

200

0

Time-->



#6

Chloroethane

Concen: 1.046 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN065037.D

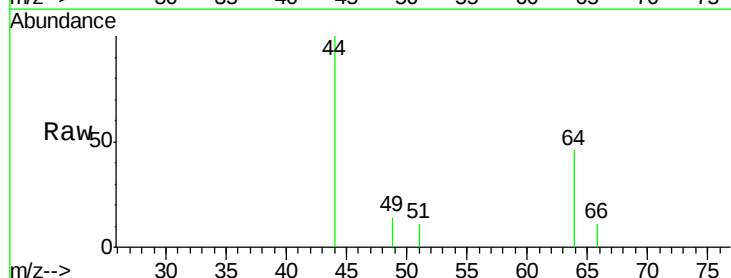
Acq: 10 Dec 2020 9:49

Tgt Ion: 64 Resp: 1263

Ion Ratio Lower Upper

64 100

66 24.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN065040.D (-276) (-)

Ion 65.90 (65.60 to 66.60): VN065040.D (-276) (-)

2.68

800

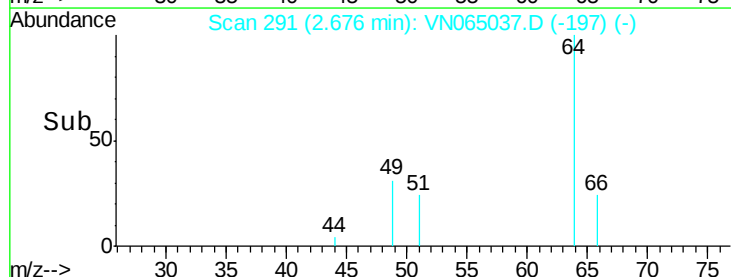
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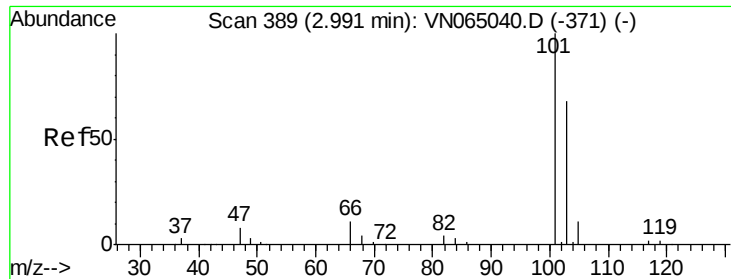
400

200

0

Time-->



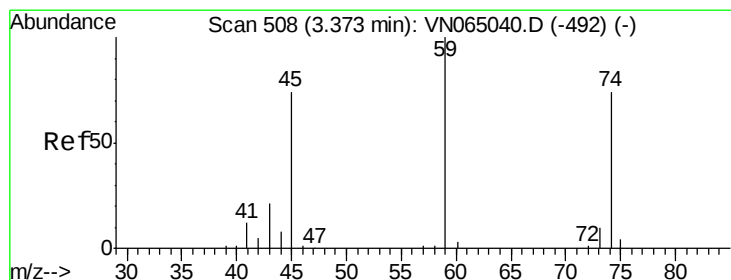
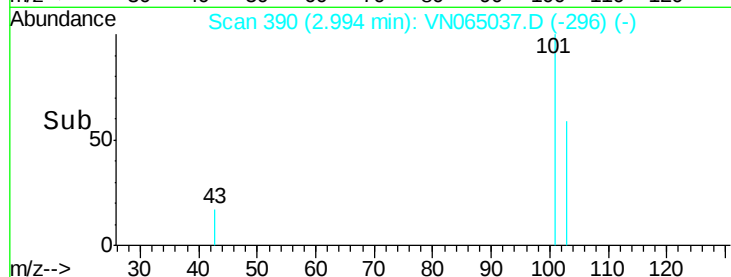
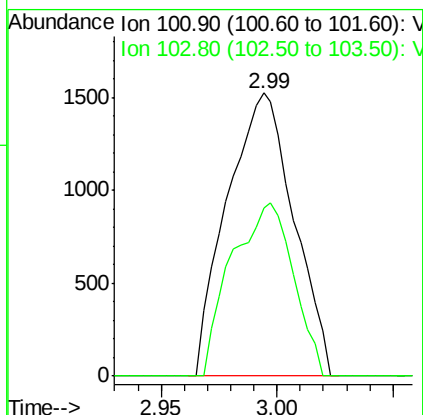
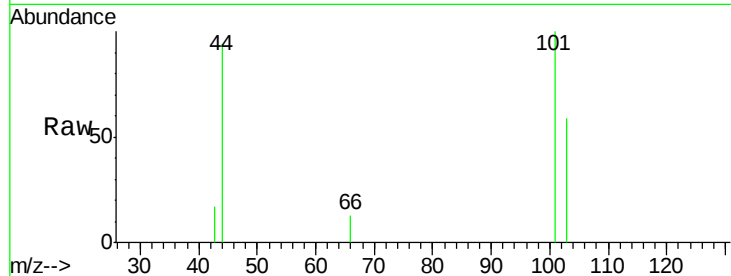


#7

Trichlorofluoromethane
Concen: 1.127 ug/l
RT: 2.99 min Scan# 390
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

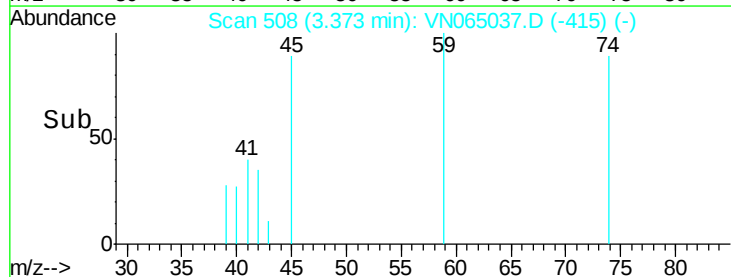
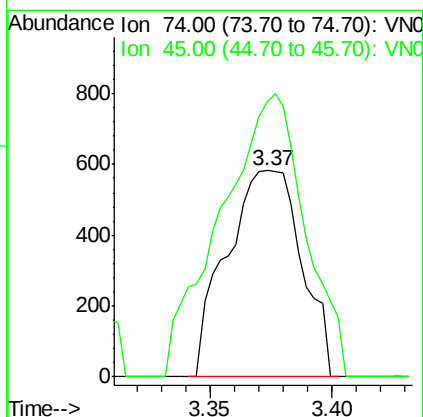
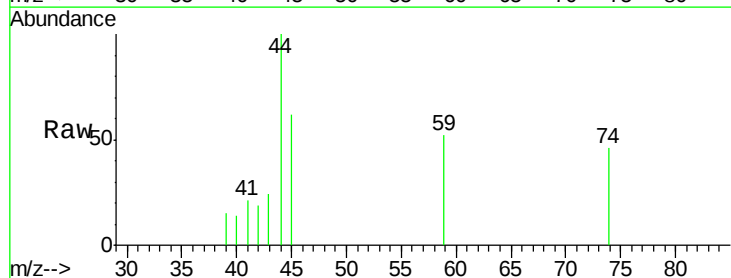
Tgt Ion:101 Resp: 3045
Ion Ratio Lower Upper
101 100
103 59.5 54.5 81.7

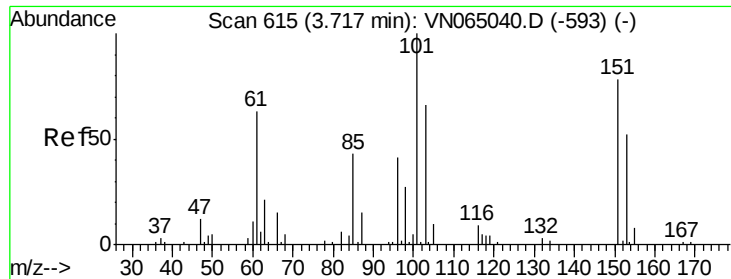


#8

Diethyl Ether
Concen: 1.160 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 74 Resp: 1240
Ion Ratio Lower Upper
74 100
45 155.0 49.1 147.3#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.084 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

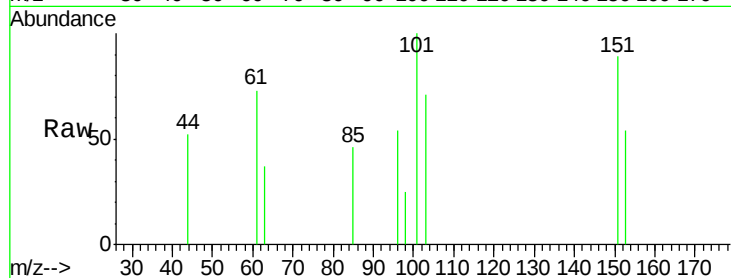
Tgt Ion:101 Resp: 1762

Ion Ratio Lower Upper

101 100

85 29.2 33.2 49.8#

151 63.5 63.7 95.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V

Time-->

3.65 3.70 3.75

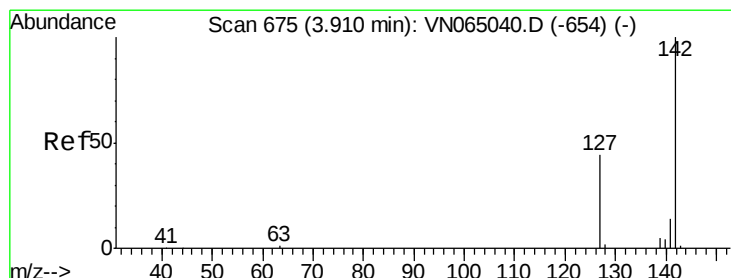
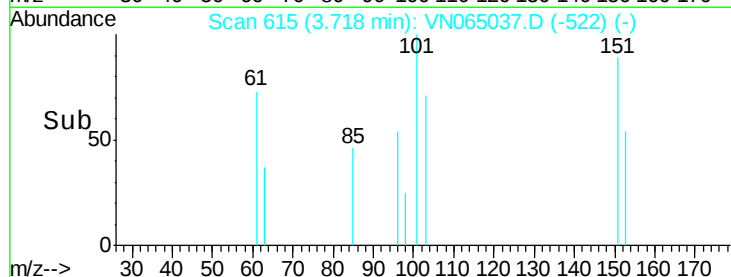
3.72

600

400

200

0



#10

Methyl Iodide

Concen: 0.886 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

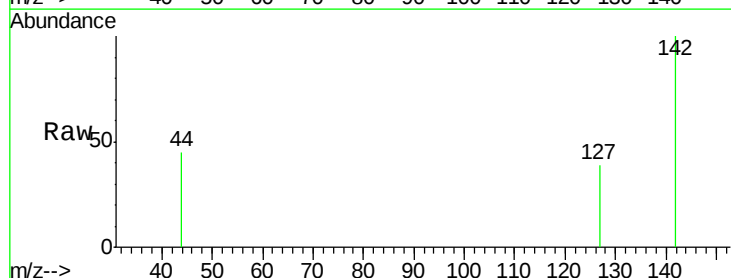
Tgt Ion:142 Resp: 1836

Ion Ratio Lower Upper

142 100

127 16.1 34.6 52.0#

141 3.4 10.9 16.3#



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

Time-->

3.85 3.90 3.95

3.91

1000

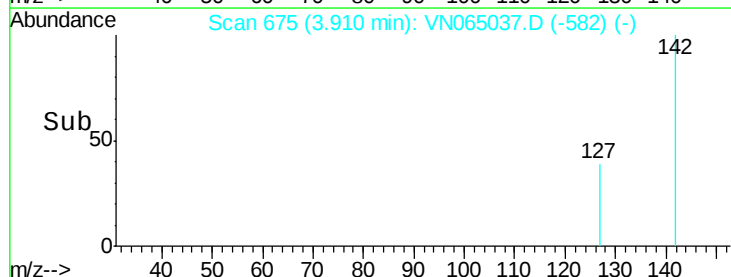
800

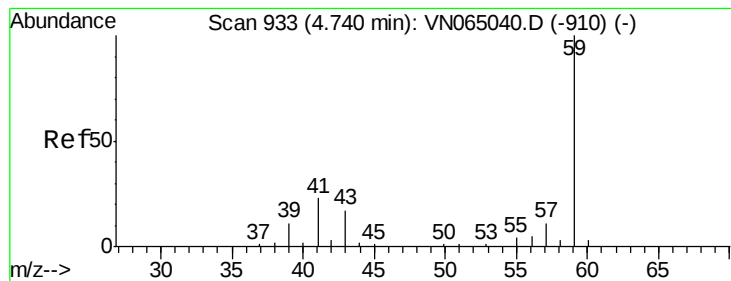
600

400

200

0



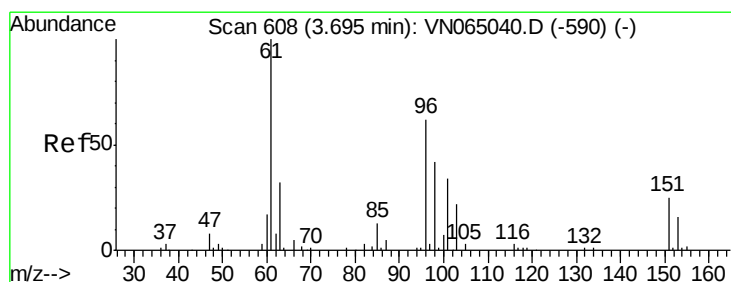
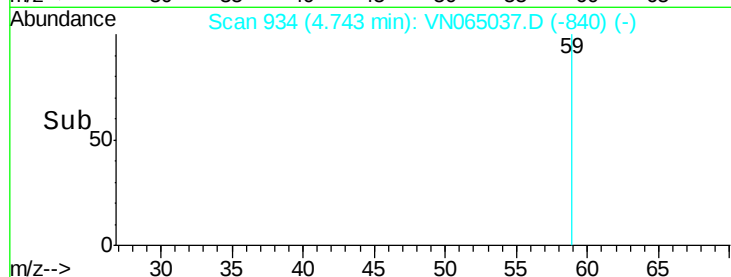
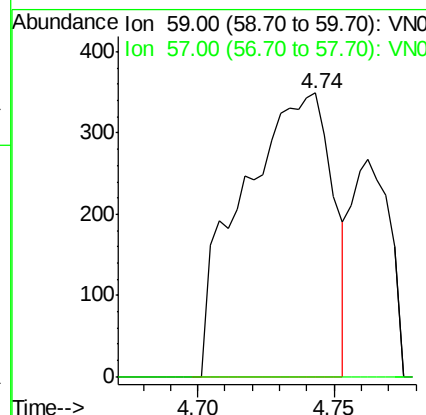
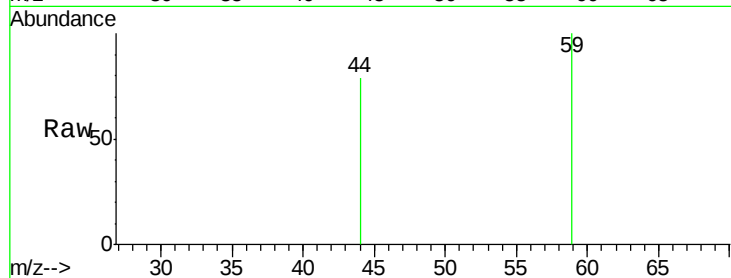


#11

Tert butyl alcohol
 Concen: 2.742 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

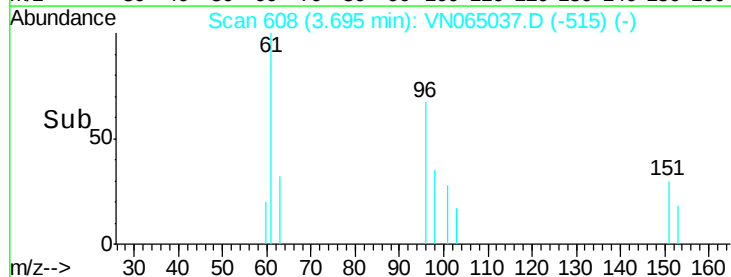
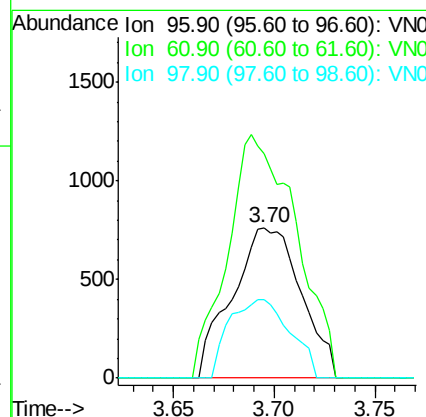
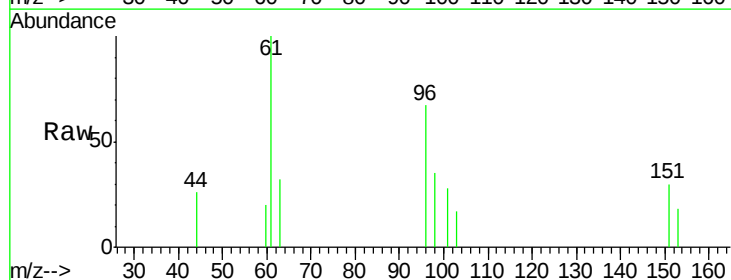
Tgt Ion: 59 Resp: 803
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

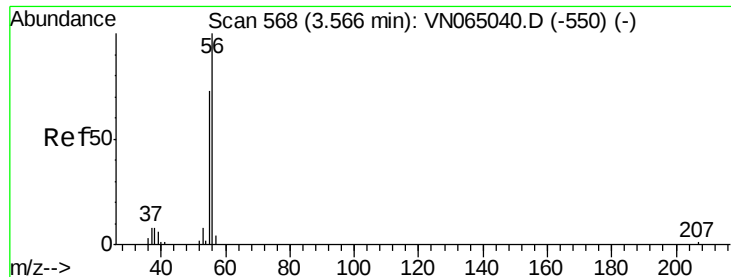


#12

1,1-Dichloroethene
 Concen: 1.131 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion: 96 Resp: 1812
 Ion Ratio Lower Upper
 96 100
 61 148.8 128.4 192.6
 98 51.8 53.6 80.4#





#13

Acrolein

Concen: 2.047 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

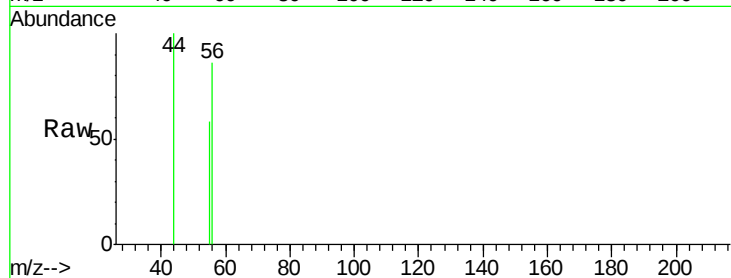
VSTDIC001

Tgt Ion: 56 Resp: 384

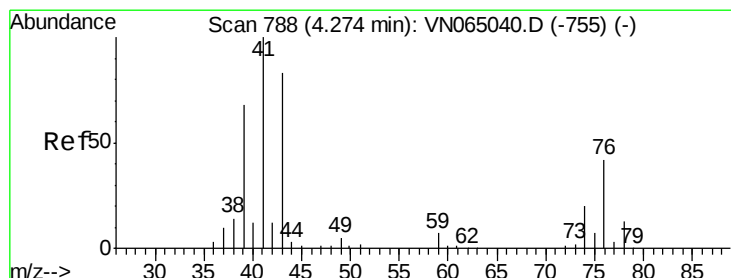
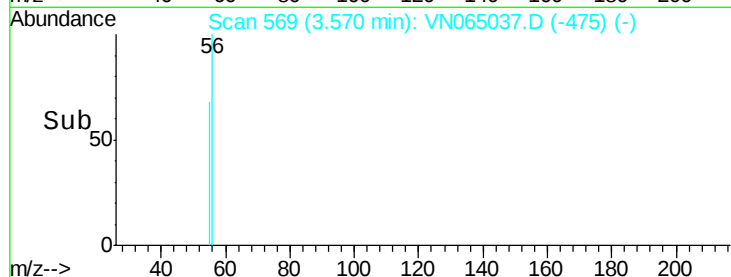
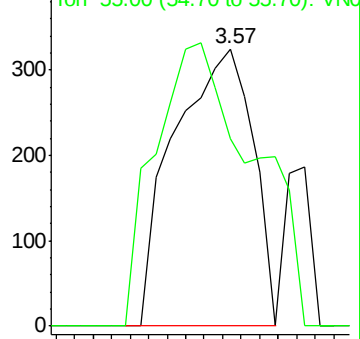
Ion Ratio Lower Upper

56 100

55 128.1 58.4 87.6#



Abundance Ion 56.00 (55.70 to 56.70): VN065040.D (-550) (-)



#14

Allyl chloride

Concen: 0.501 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

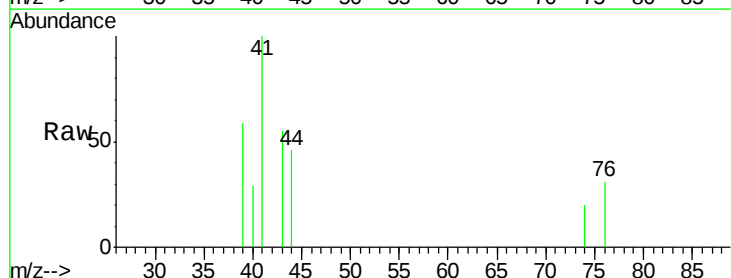
Tgt Ion: 41 Resp: 1325

Ion Ratio Lower Upper

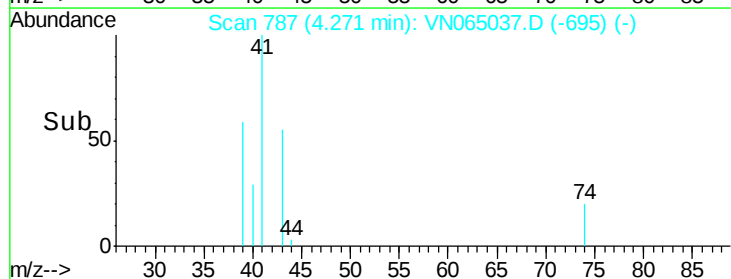
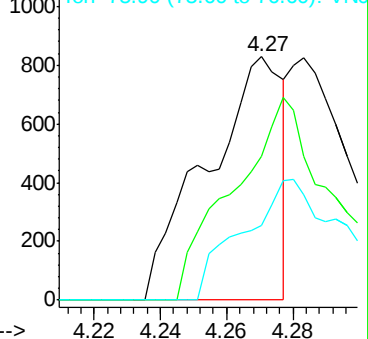
41 100

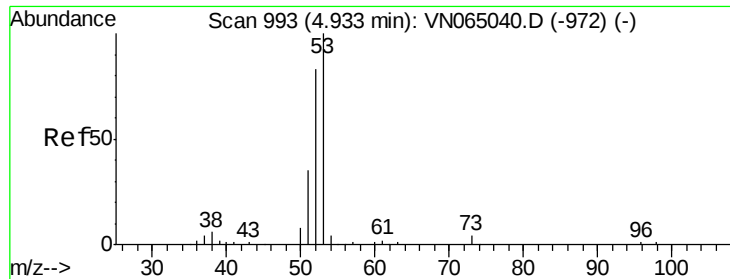
39 110.9 49.0 73.6#

76 59.2 29.6 44.4#



Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-755) (-)





#15

Acrylonitrile

Concen: 2.148 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

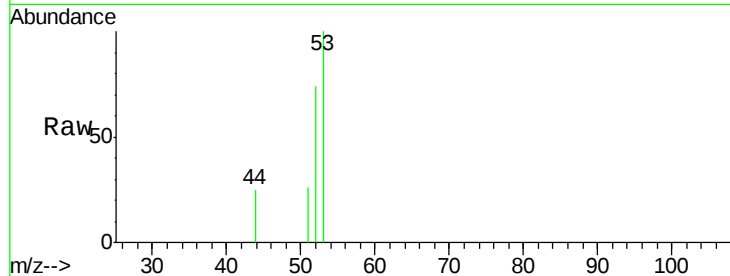
Tgt Ion: 53 Resp: 1782

Ion Ratio Lower Upper

53 100

52 139.6 65.4 98.0#

51 37.8 27.8 41.6

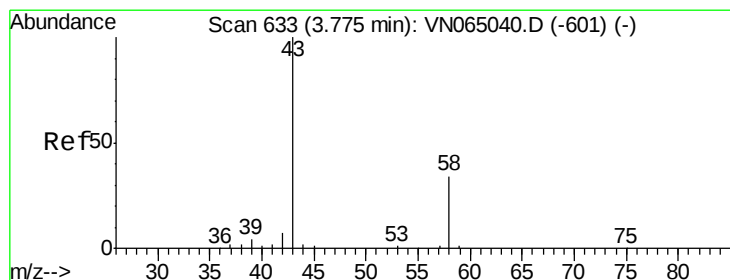
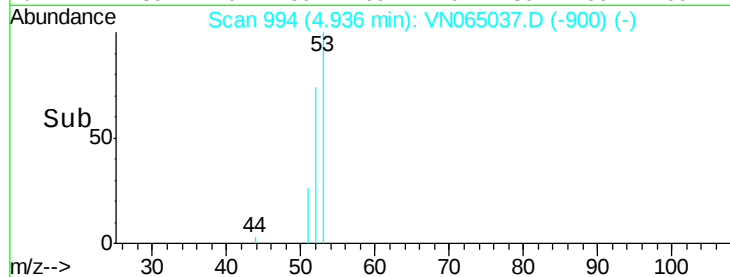
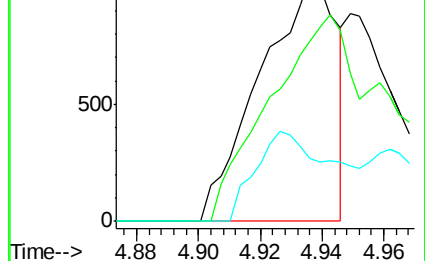


Abundance Ion 53.00 (52.70 to 53.70): VN065040.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN065040.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN065040.D (-972) (-)

Time-->



#16

Acetone

Concen: 6.926 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN065037.D

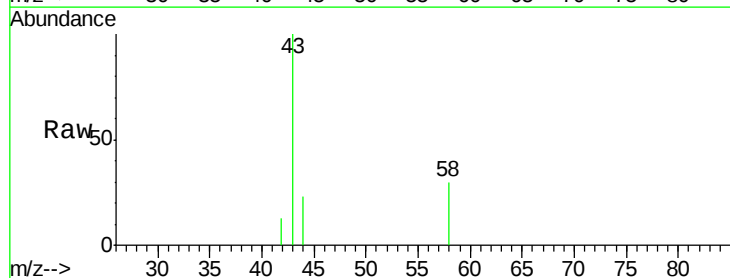
Acq: 10 Dec 2020 9:49

Tgt Ion: 43 Resp: 4553

Ion Ratio Lower Upper

43 100

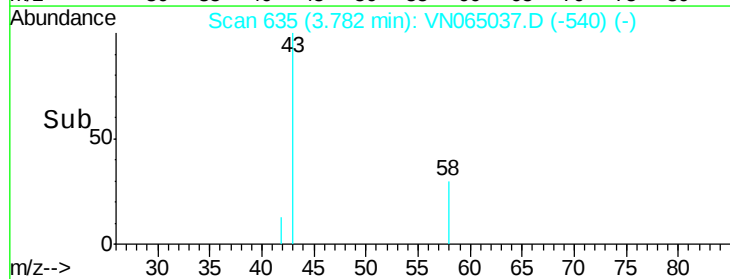
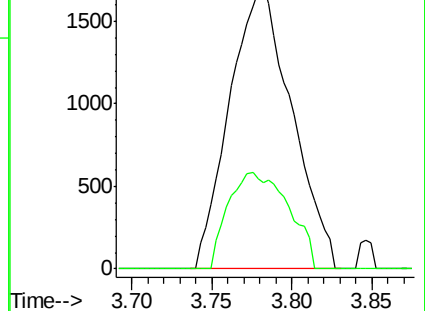
58 30.5 26.8 40.2

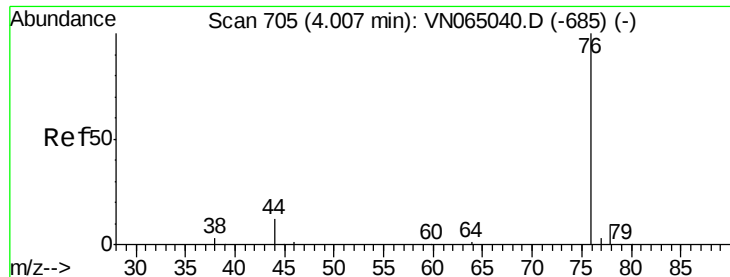


Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-601) (-)

Time-->





#17

Carbon Disulfide

Concen: 1.070 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

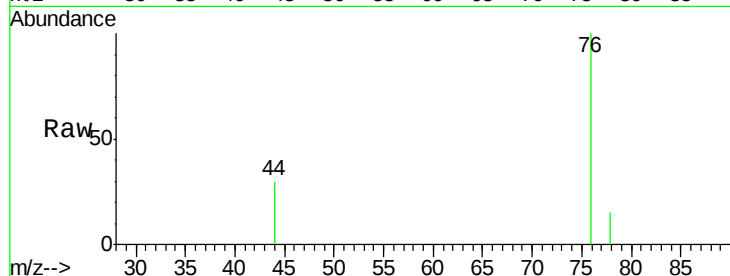
VSTDIC001

Tgt Ion: 76 Resp: 4889

Ion Ratio Lower Upper

76 100

78 14.6 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN065040.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN065040.D (-685) (-)

4.01

2000

1500

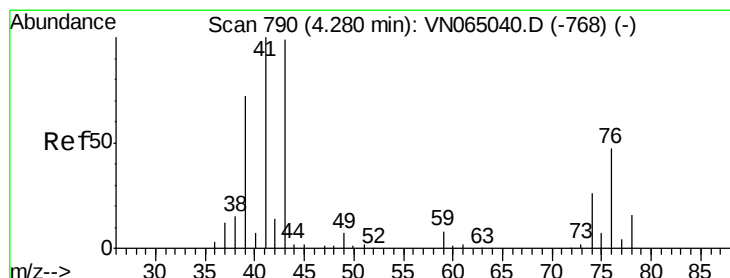
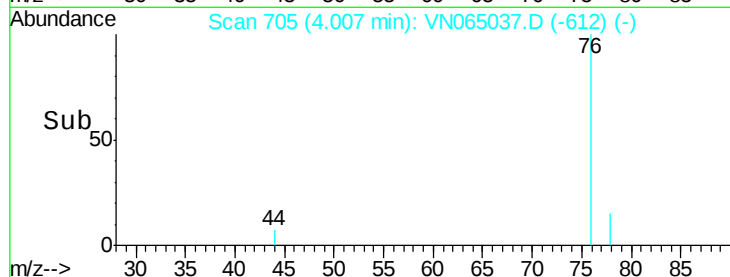
1000

500

0

3.95 4.00 4.05

Time-->



#18

Methyl Acetate

Concen: 0.729 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN065037.D

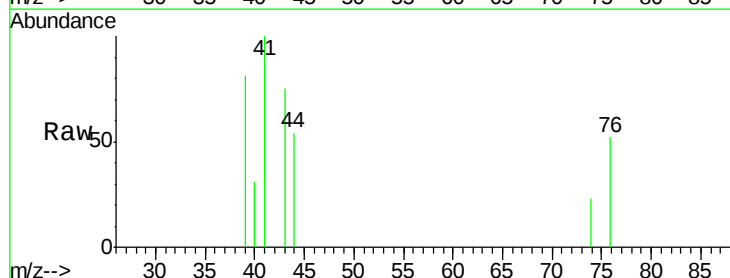
Acq: 10 Dec 2020 9:49

Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

43 100

74 11.7 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN065040.D (-768) (-)

4.28

600

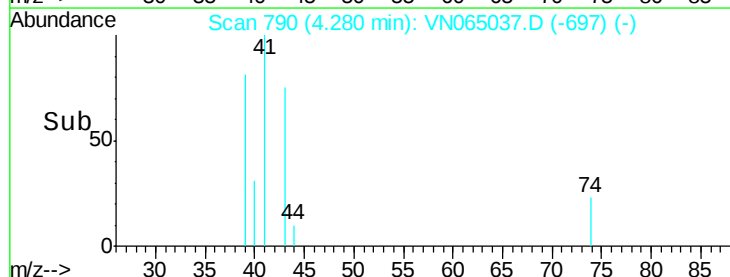
400

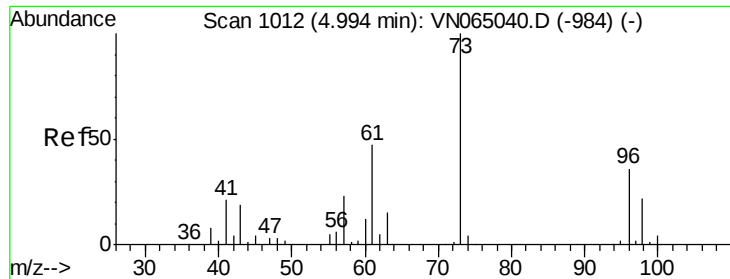
200

0

4.25 4.30

Time-->

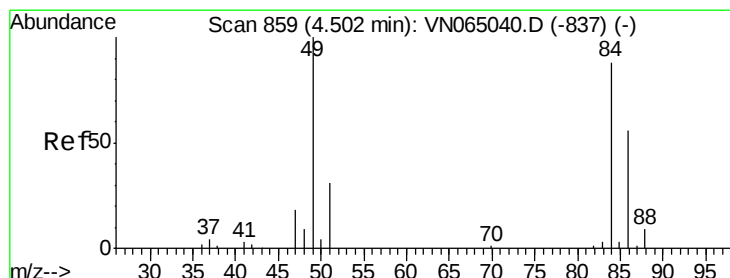
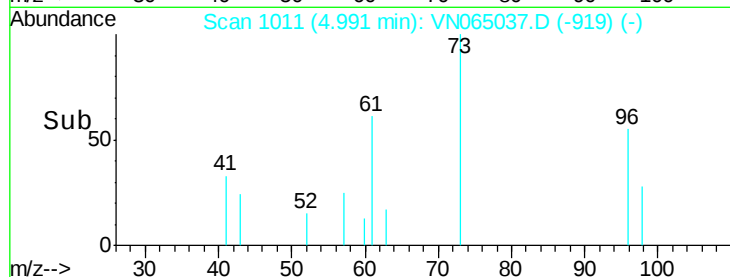
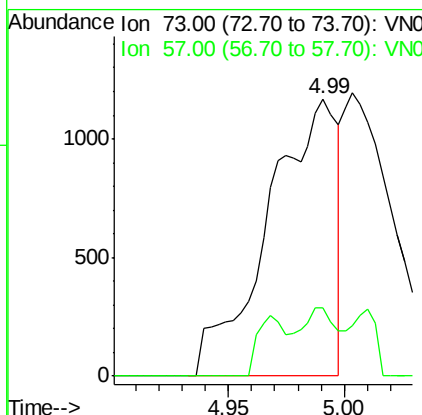
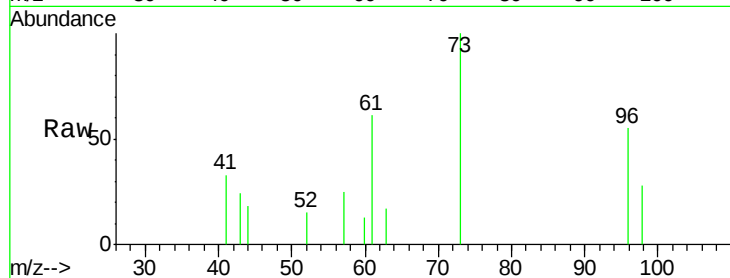




#19
Methyl tert-butyl Ether
Concen: 0.467 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

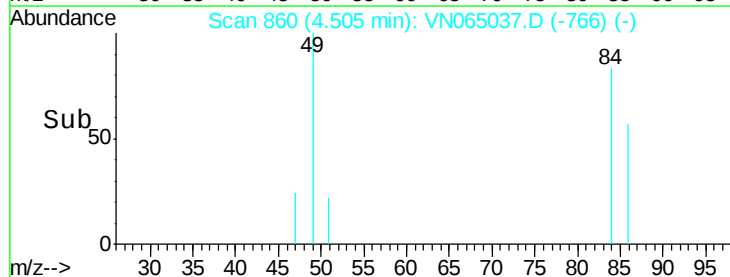
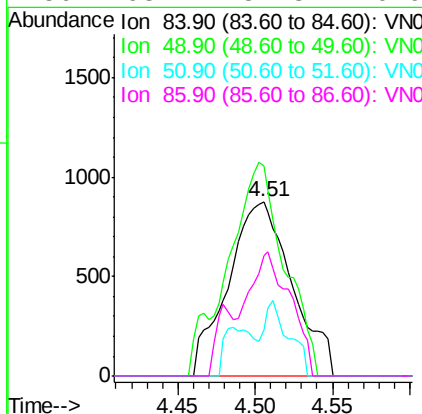
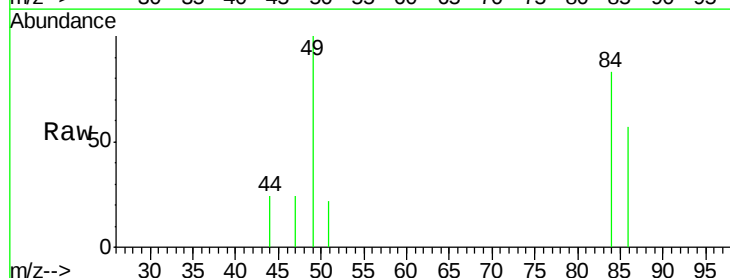
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

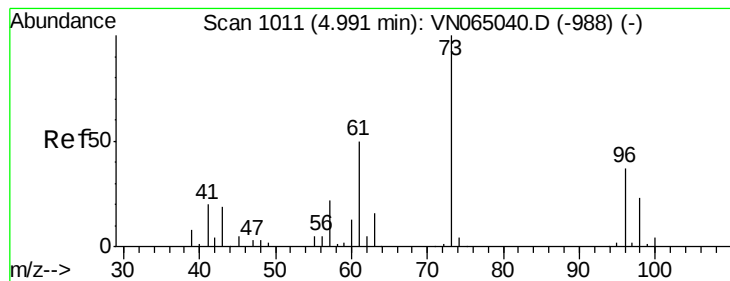
Tgt Ion: 73 Resp: 2417
Ion Ratio Lower Upper
73 100
57 24.7 18.0 27.0



#20
Methylene Chloride
Concen: 1.259 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 84 Resp: 2523
Ion Ratio Lower Upper
84 100
49 120.4 90.8 136.2
51 26.4 28.1 42.1#
86 68.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.855 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

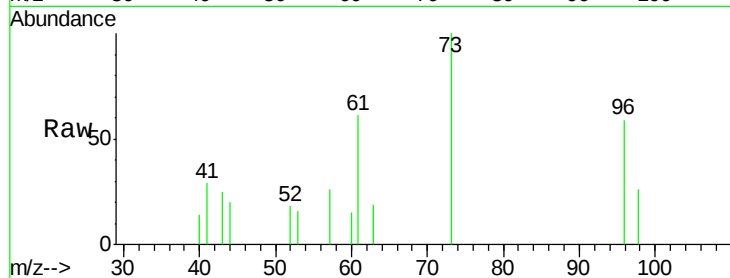
Tgt Ion: 96 Resp: 1525

Ion Ratio Lower Upper

96 100

61 79.8 107.1 160.7#

98 44.4 49.8 74.8#

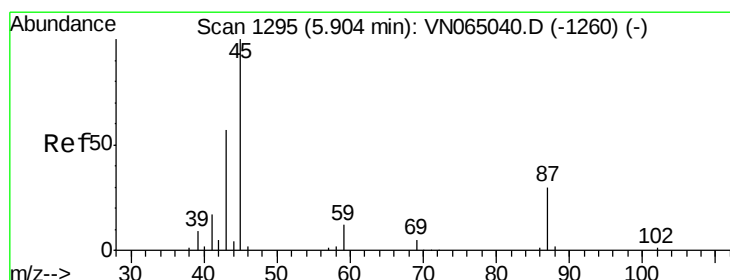
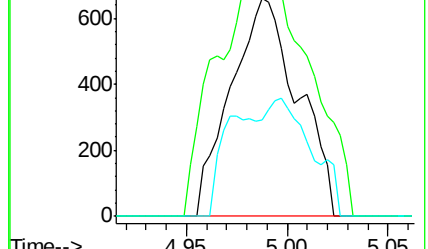
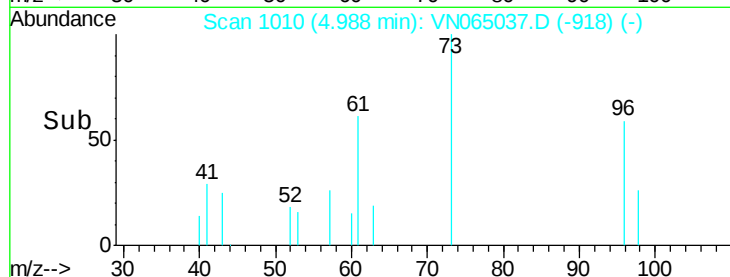


Abundance Ion 95.90 (95.60 to 96.60): VN065037.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN065037.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN065037.D (-918) (-)

Time-->



#22

Diisopropyl ether

Concen: 0.290 ug/l

RT: 5.89 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion: 45 Resp: 1548

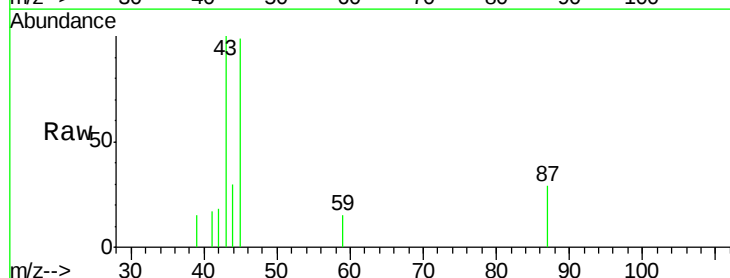
Ion Ratio Lower Upper

45 100

43 0.0 47.9 71.9#

87 29.7 24.3 36.5

59 15.2 9.5 14.3#



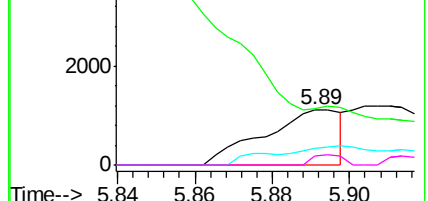
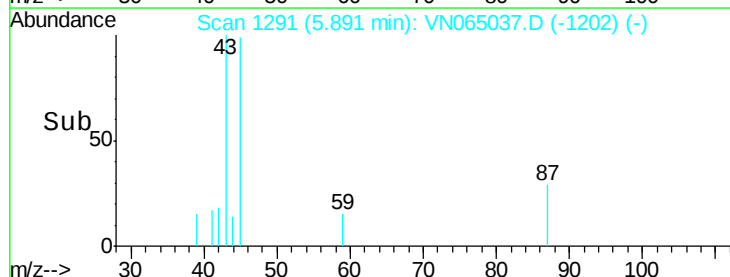
Abundance Ion 45.00 (44.70 to 45.70): VN065037.D (-1202) (-)

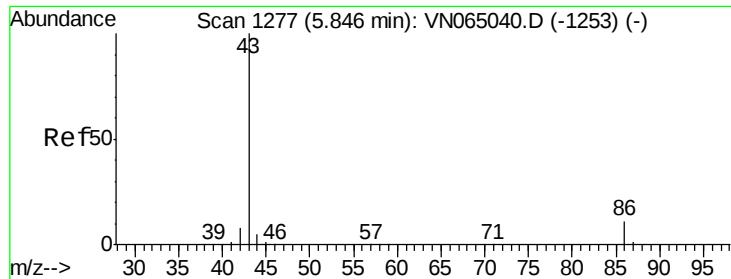
Ion 43.00 (42.70 to 43.70): VN065037.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN065037.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN065037.D (-1202) (-)

Time-->

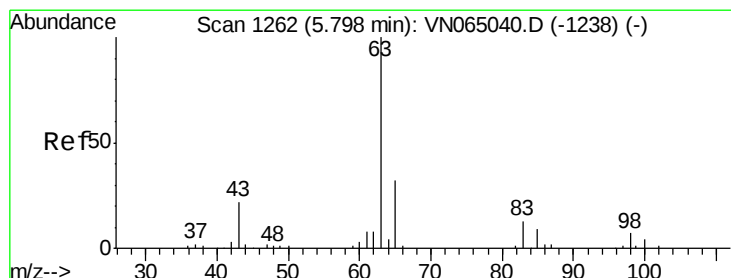
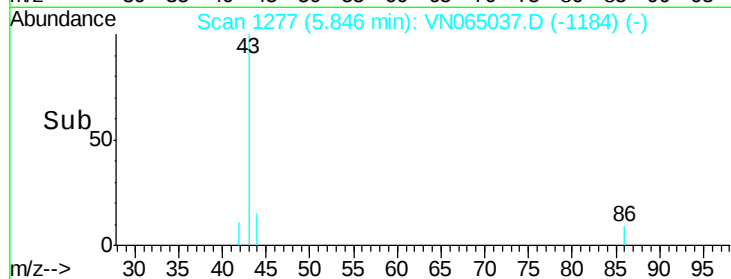
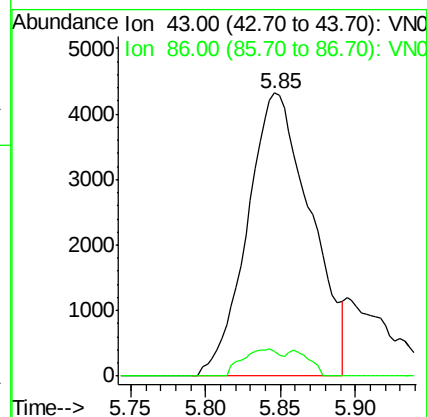
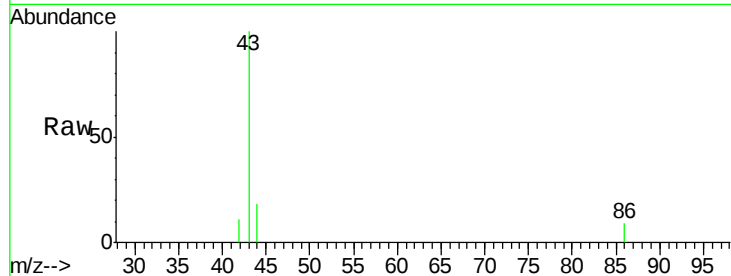




#23
 Vinyl Acetate
 Concen: 2.996 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

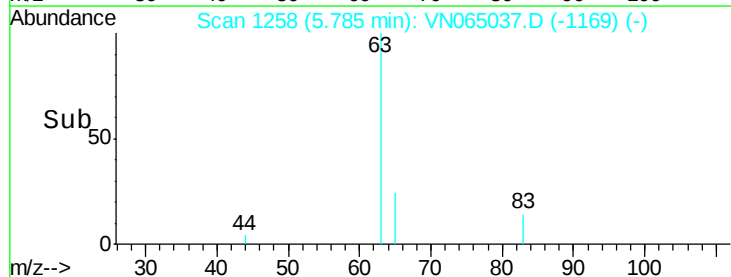
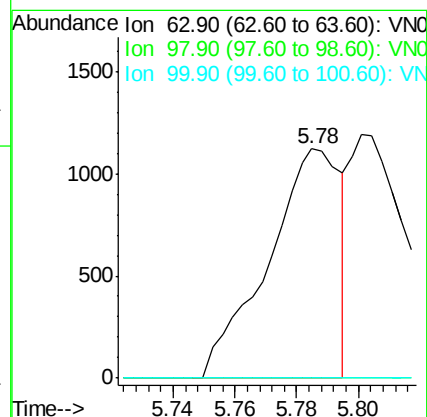
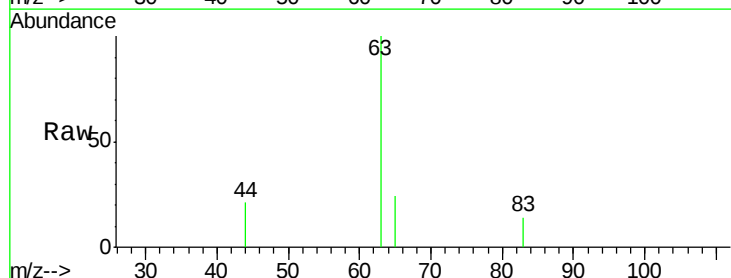
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

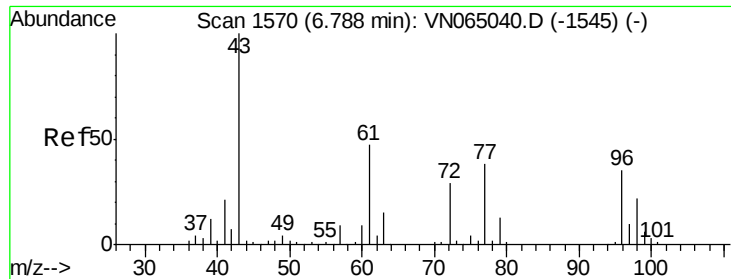
Tgt Ion: 43 Resp: 12721
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 0.573 ug/l
 RT: 5.78 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion: 63 Resp: 1829
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.2#

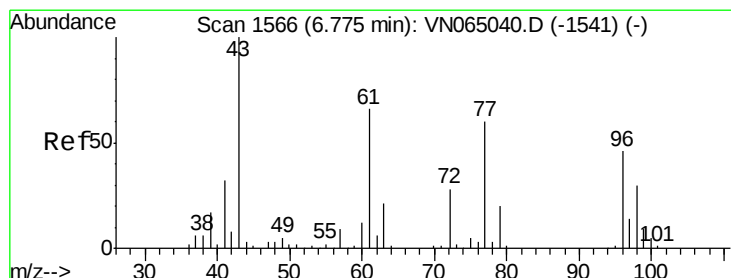
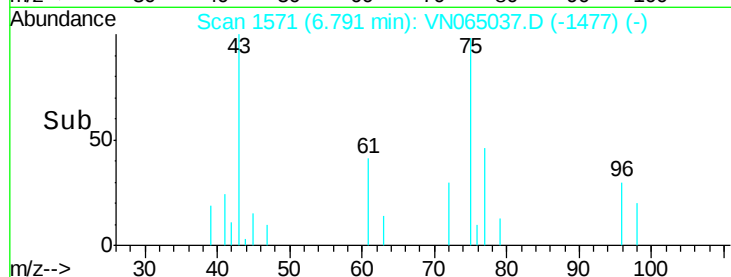
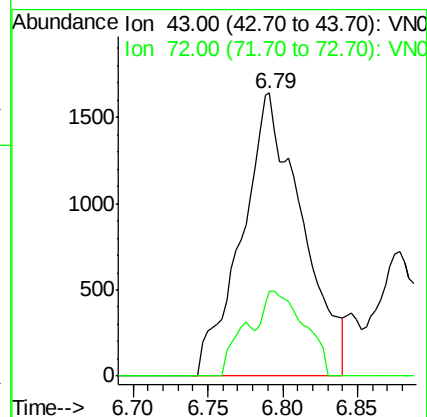
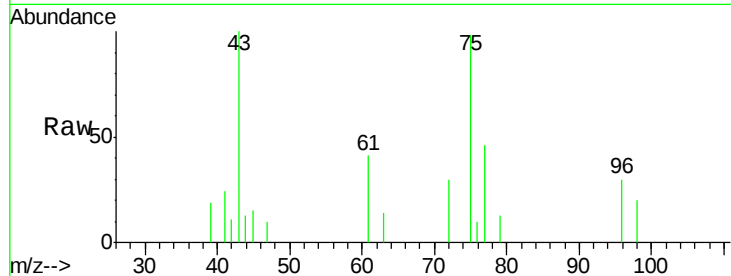




#25
2-Butanone
Concen: 4.466 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

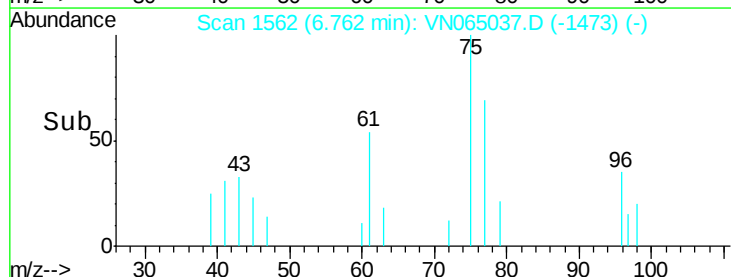
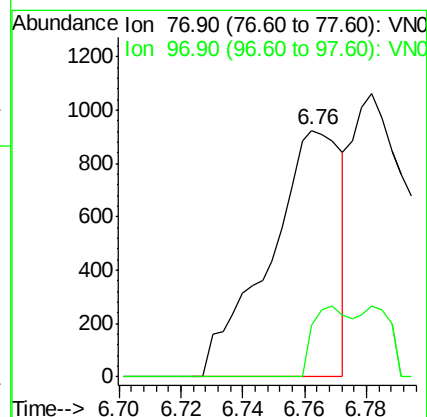
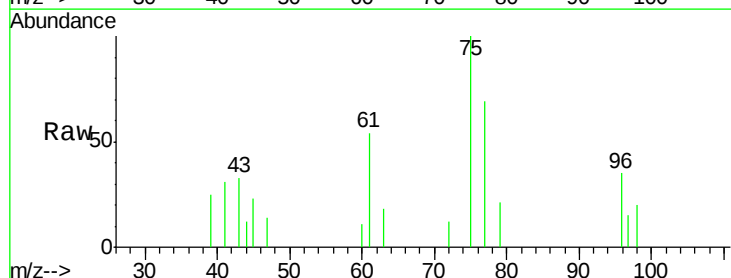
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

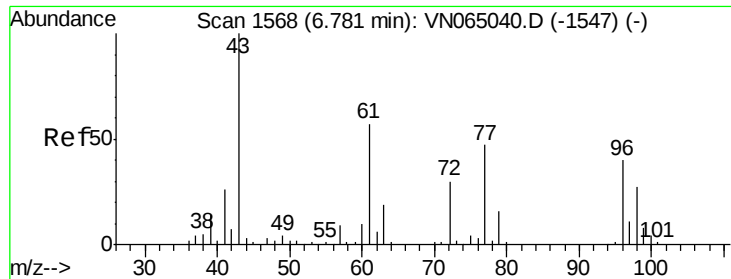
Tgt Ion: 43 Resp: 4588
Ion Ratio Lower Upper
43 100
72 30.1 22.9 34.3



#26
2,2-Dichloropropane
Concen: 0.538 ug/l
RT: 6.76 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 77 Resp: 1491
Ion Ratio Lower Upper
77 100
97 15.0 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 0.884 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

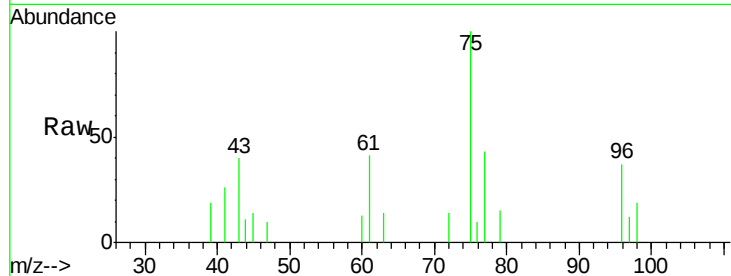
Tgt Ion: 96 Resp: 1786

Ion Ratio Lower Upper

96 100

61 145.4 0.0 283.6

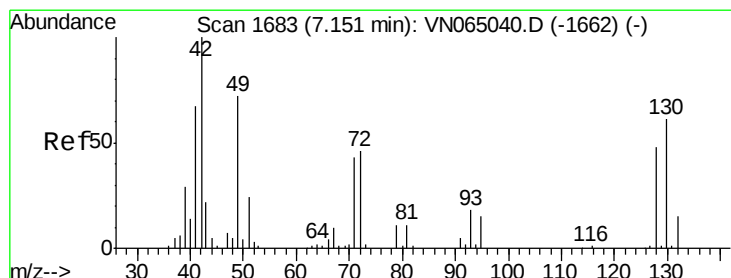
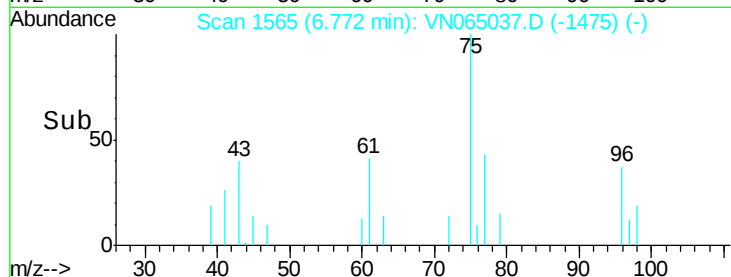
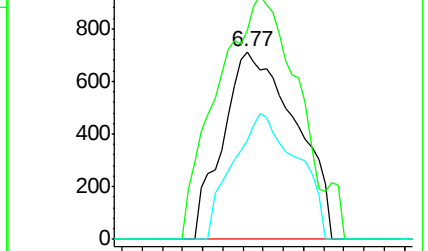
98 59.2 0.0 130.8



Abundance Ion 95.90 (95.60 to 96.60): VN065037.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN065037.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN065037.D (-1547) (-)



#28

Bromochloromethane

Concen: 0.790 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

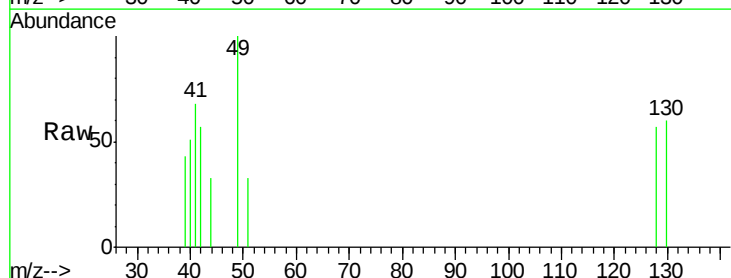
Tgt Ion: 49 Resp: 1155

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

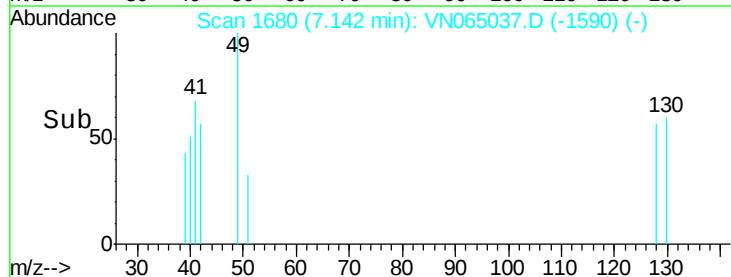
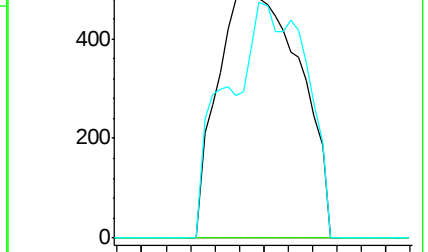
130 68.7 67.9 101.9

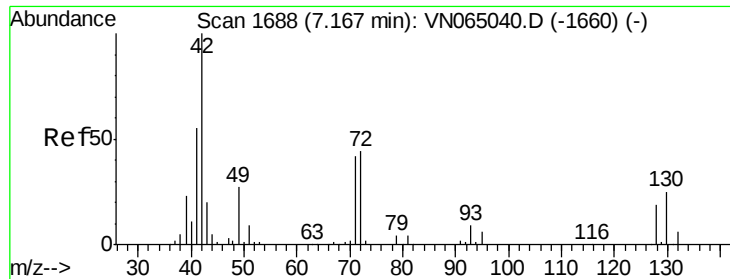


Abundance Ion 48.90 (48.60 to 49.60): VN065037.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN065037.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN065037.D (-1590) (-)

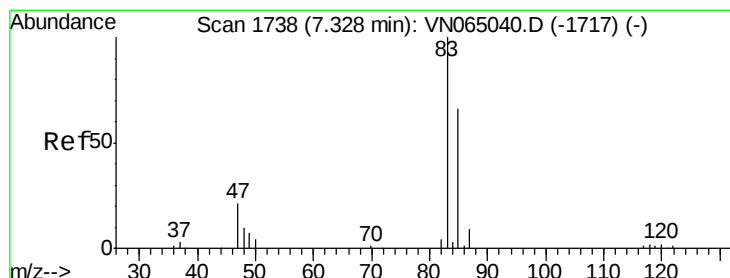
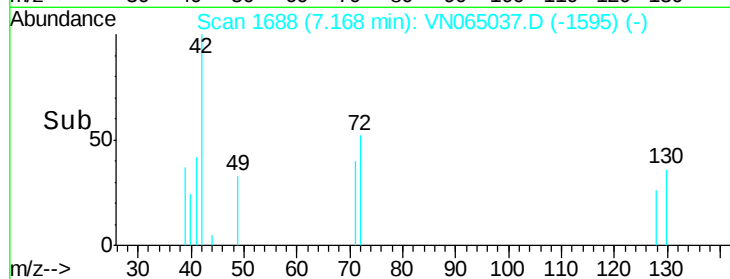
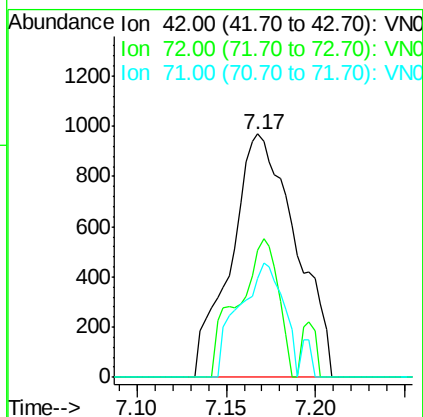
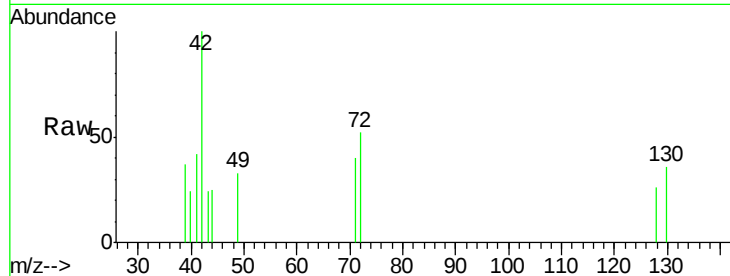




#29
Tetrahydrofuran
Concen: 3.482 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

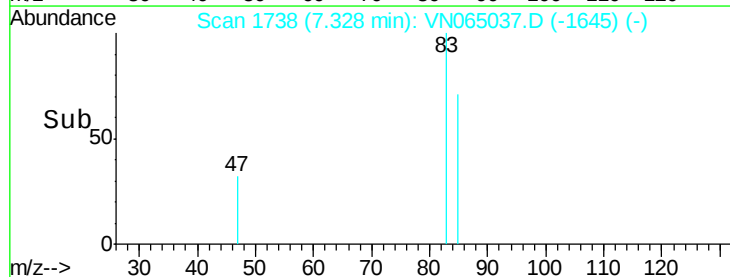
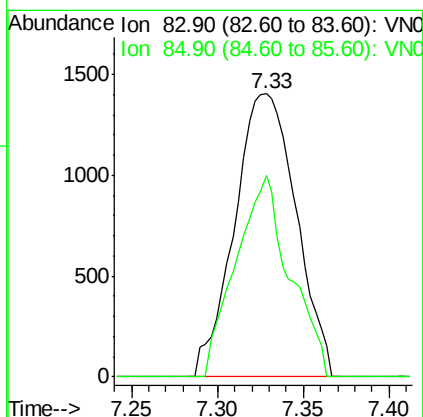
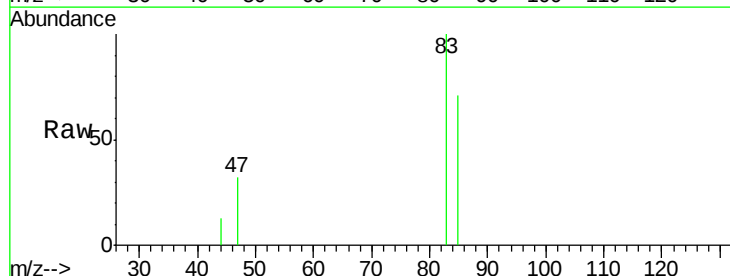
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

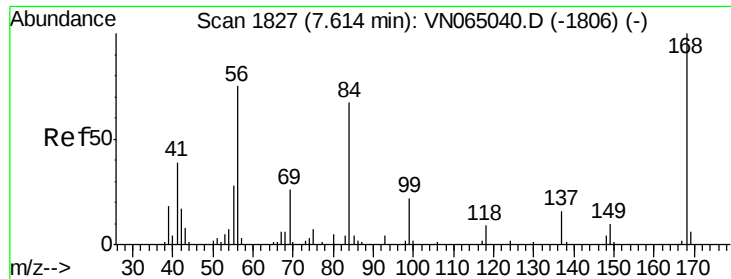
Tgt Ion: 42 Resp: 2447
Ion Ratio Lower Upper
42 100
72 36.0 35.8 53.6
71 32.3 33.5 50.3#



#30
Chloroform
Concen: 1.054 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 83 Resp: 3493
Ion Ratio Lower Upper
83 100
85 71.0 52.6 78.8

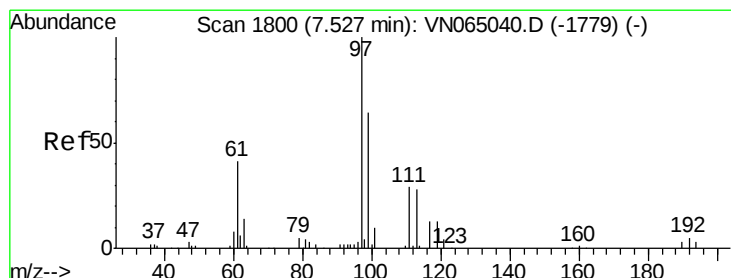
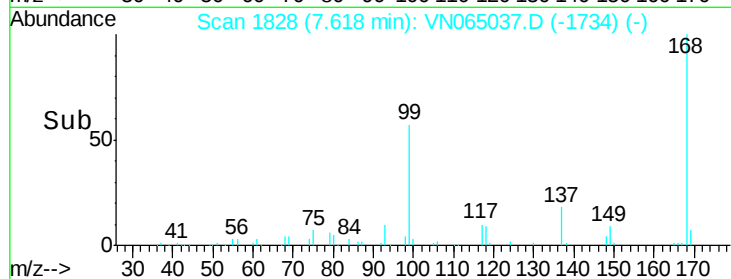
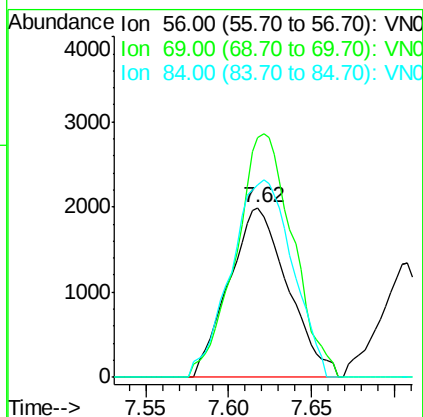
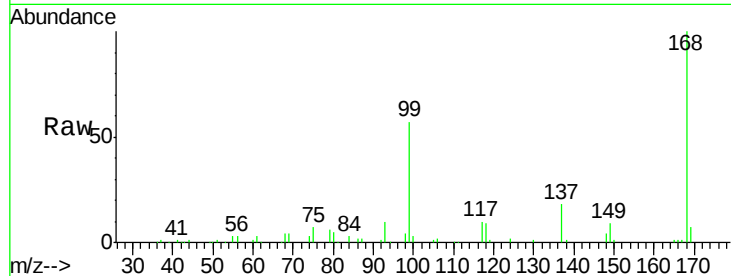




#31
Cyclohexane
Concen: 1.848 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

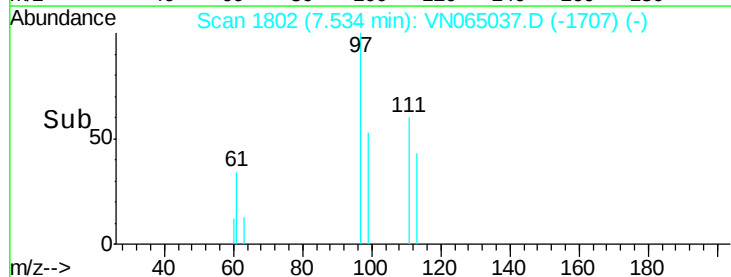
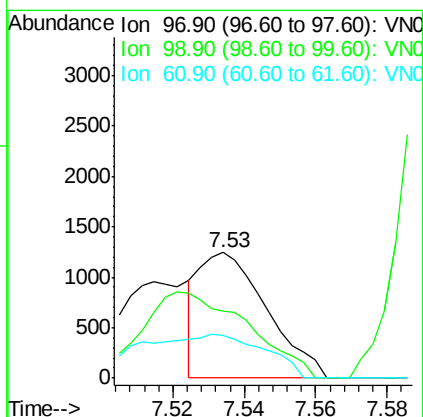
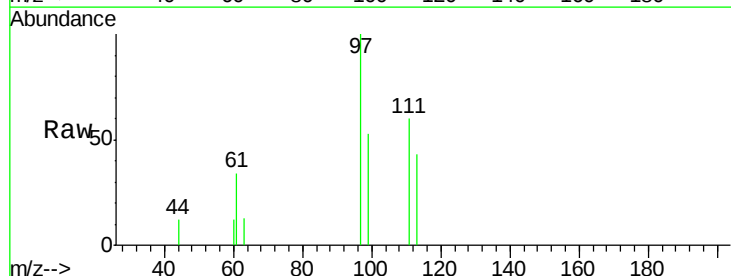
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

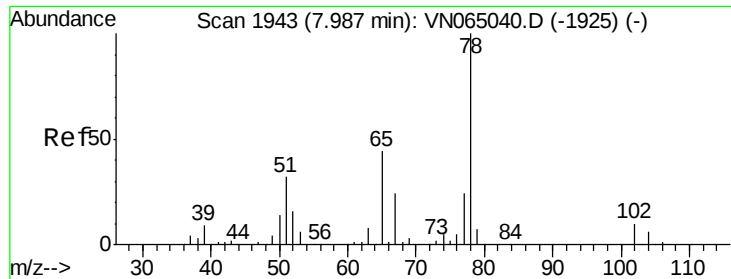
Tgt Ion: 56 Resp: 4919
Ion Ratio Lower Upper
56 100
69 141.5 27.5 41.3#
84 113.1 72.4 108.6#



#32
1,1,1-Trichloroethane
Concen: 0.575 ug/l
RT: 7.53 min Scan# 1802
Delta R.T. 0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 97 Resp: 1629
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 62.9 33.5 50.3#





#33

1,2-Dichloroethane-d4

Concen: 1.220 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

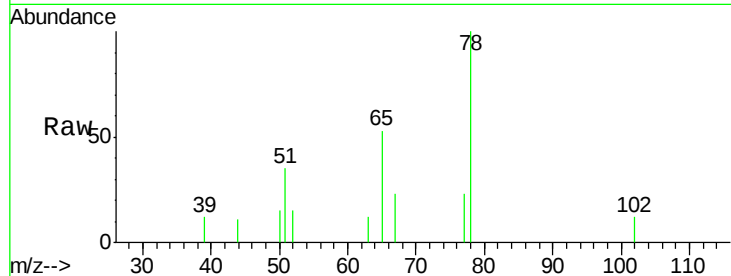
VSTDIC001

Tgt Ion: 65 Resp: 2388

Ion Ratio Lower Upper

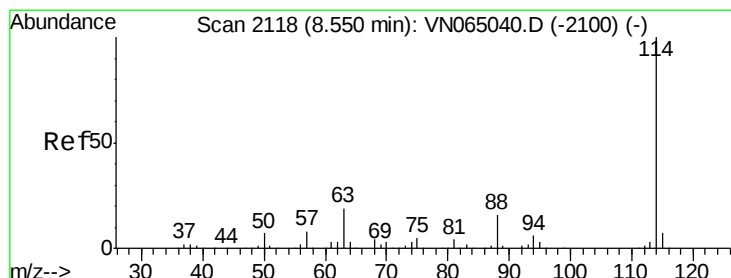
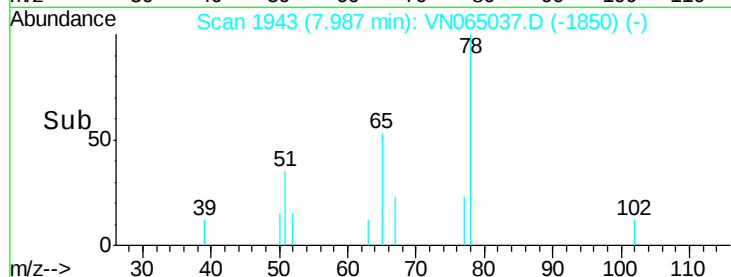
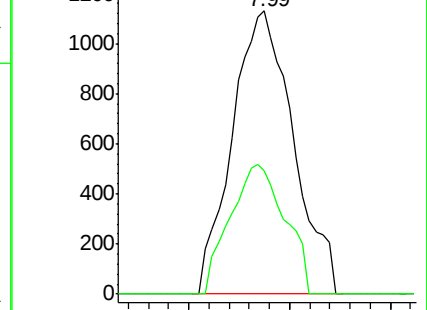
65 100

67 41.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN065037.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN065037.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

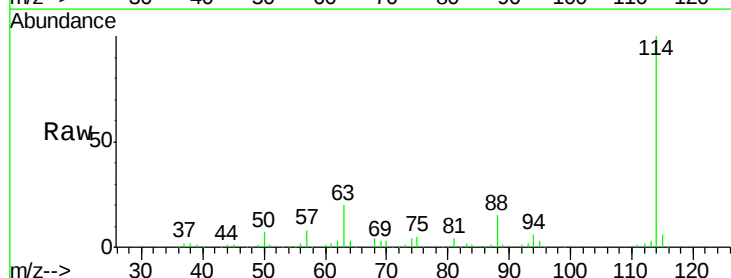
Tgt Ion: 114 Resp: 286438

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.2

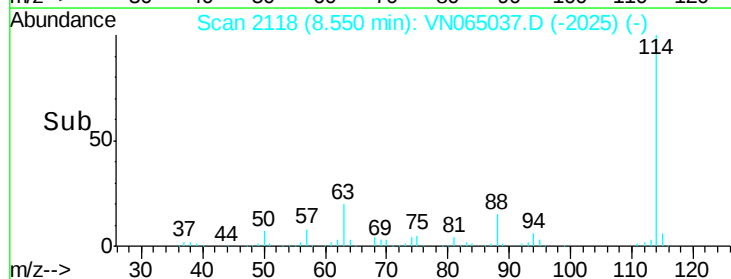
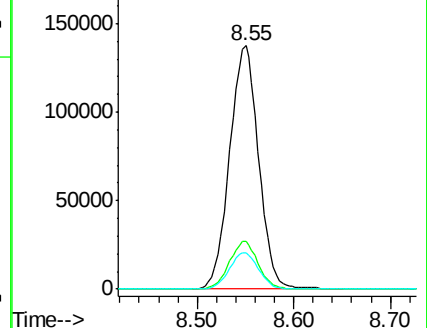
88 14.8 0.0 31.6

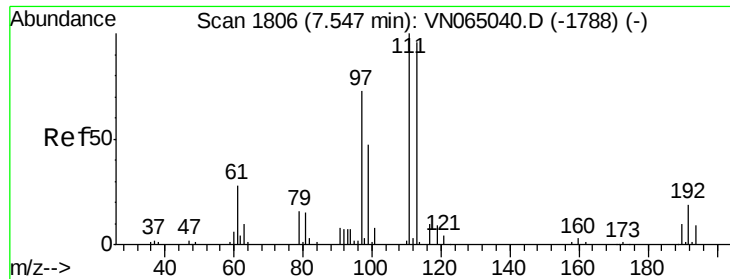


Abundance Ion 113.90 (113.60 to 114.60): VN065037.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN065037.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN065037.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 0.602 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

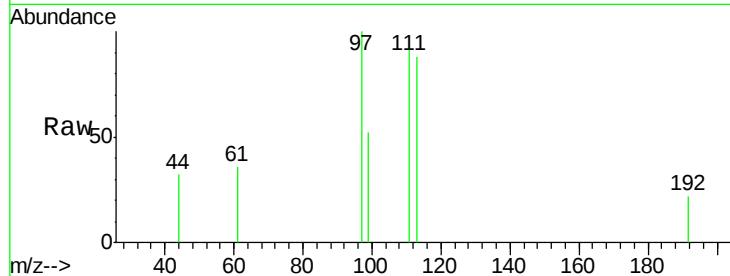
Tgt Ion: 113 Resp: 1048

Ion Ratio Lower Upper

113 100

111 186.0 83.4 125.0#

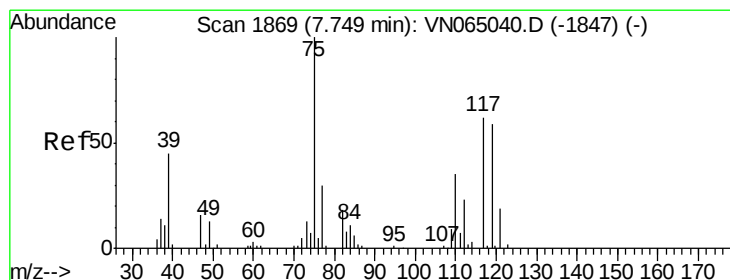
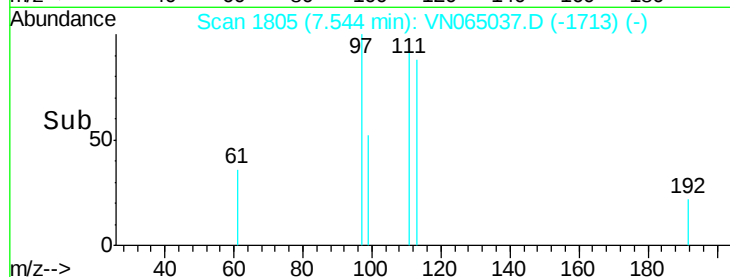
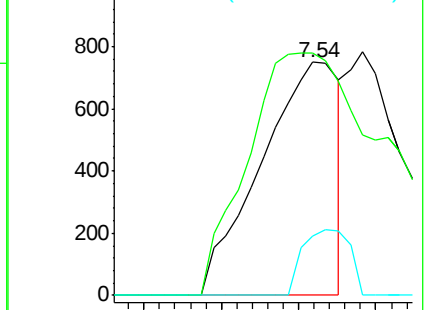
192 17.1 16.2 24.2



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: 0.913 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

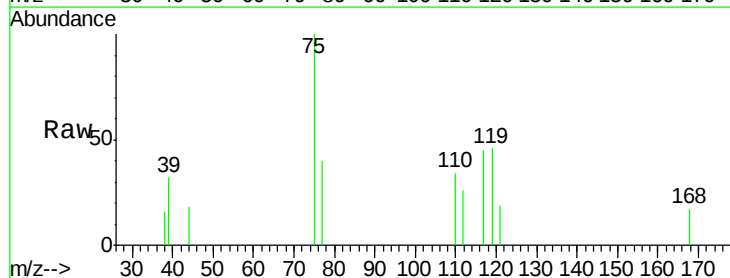
Tgt Ion: 75 Resp: 2402

Ion Ratio Lower Upper

75 100

110 27.1 18.1 54.1

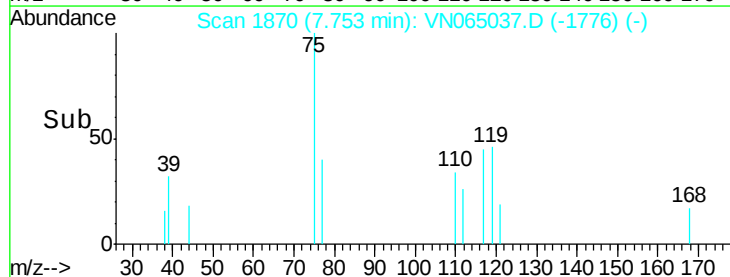
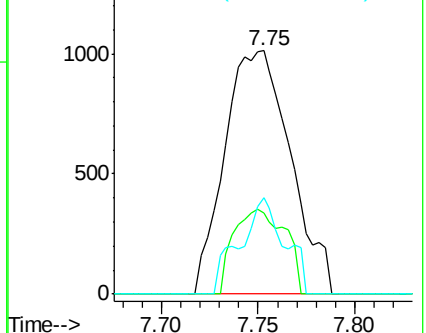
77 27.2 24.5 36.7

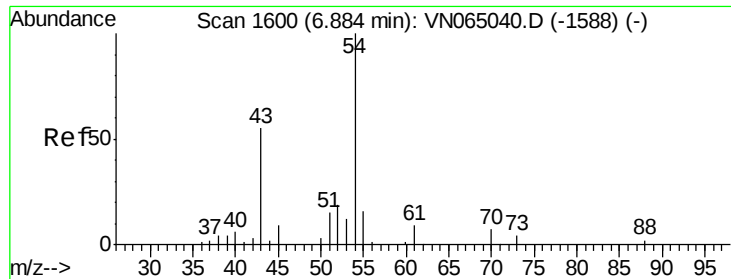


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

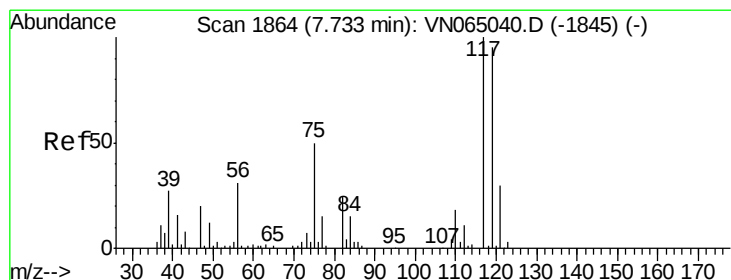
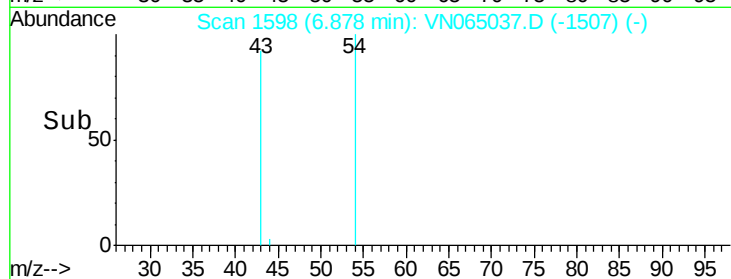
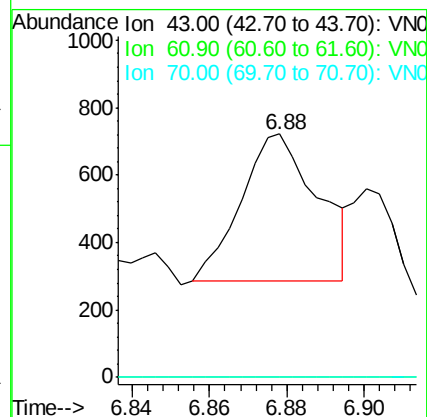
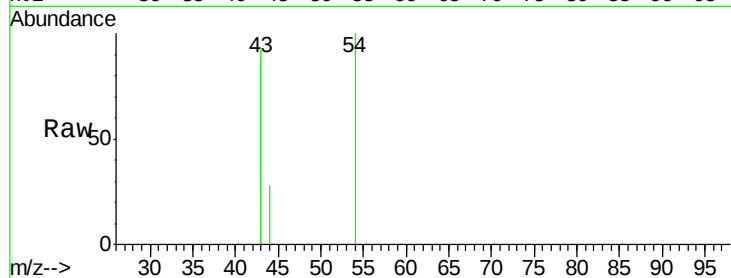




#37
Ethyl Acetate
Concen: 0.240 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

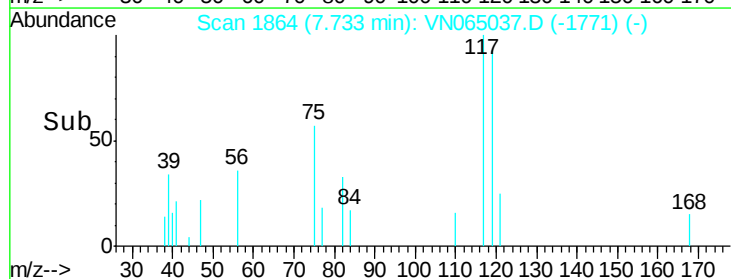
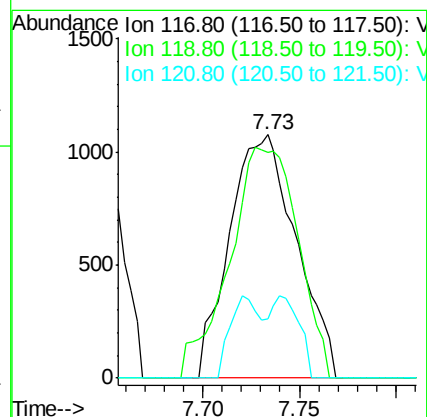
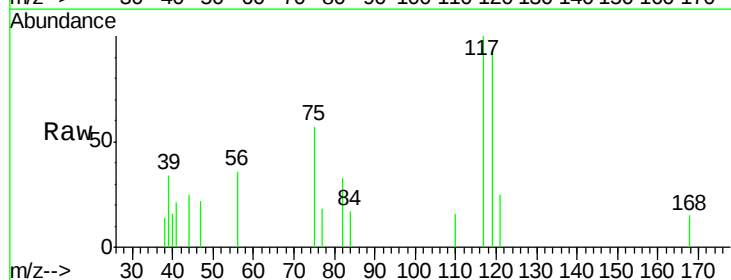
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

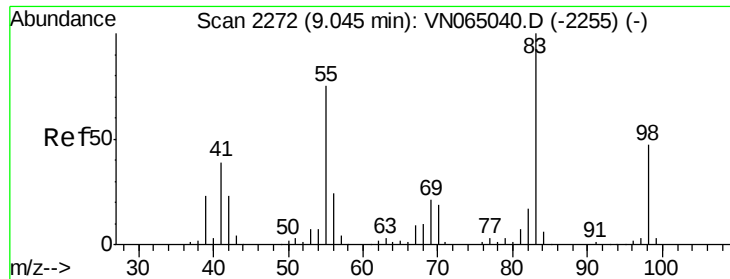
Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 0.938 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 117 Resp: 2572
Ion Ratio Lower Upper
117 100
119 92.9 75.9 113.9
121 24.5 24.1 36.1

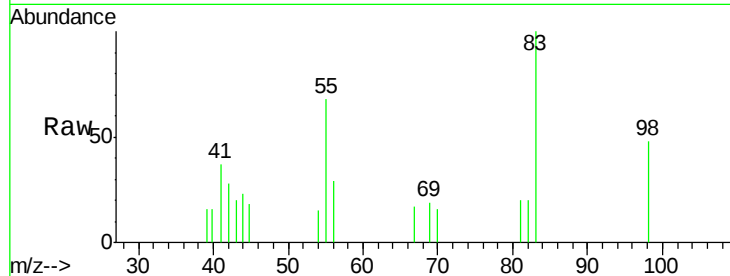




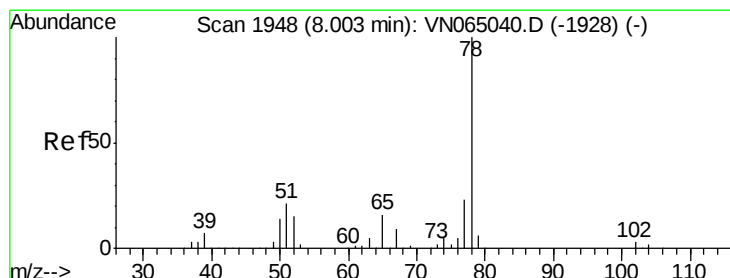
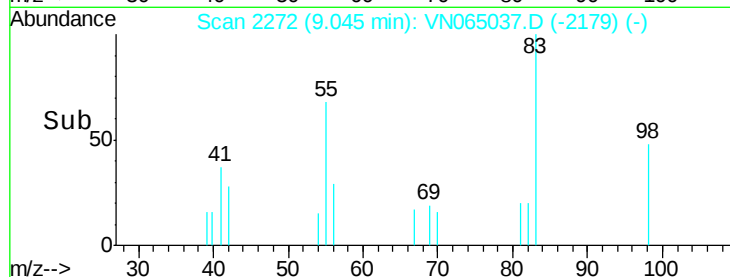
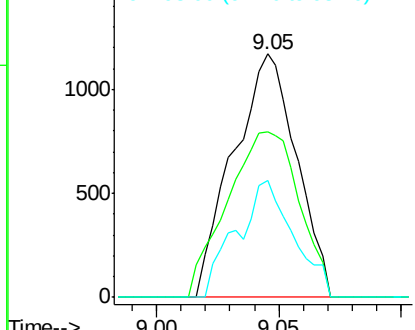
#39
Methylcyclohexane
Concen: 0.751 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 2094
Ion Ratio Lower Upper
83 100
55 68.2 60.3 90.5
98 47.8 37.4 56.0

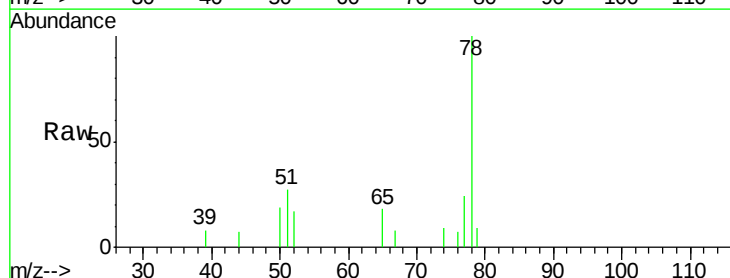


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

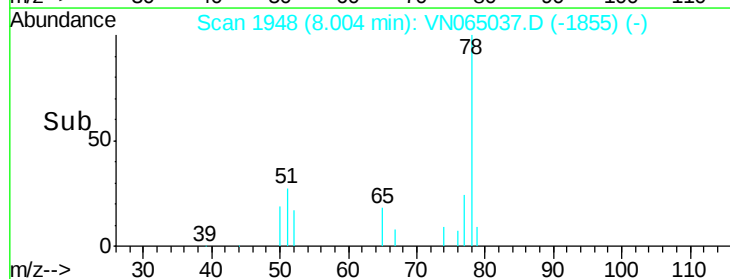
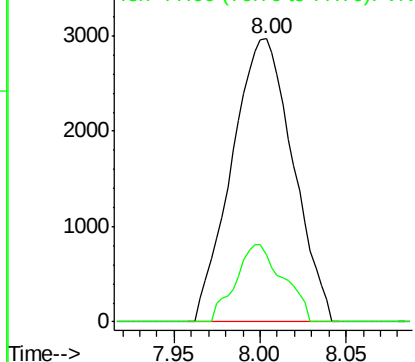


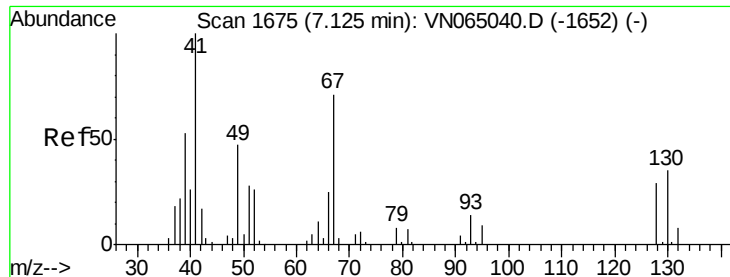
#40
Benzene
Concen: 0.910 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 78 Resp: 7340
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 0.521 ug/l

RT: 7.13 min Scan# 1677

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tgt Ion: 41 Resp: 627

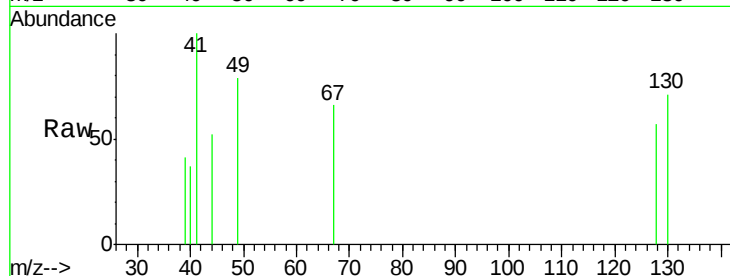
Ion Ratio Lower Upper

41 100

39 30.0 36.0 54.0#

67 31.9 64.8 97.2#

52 0.0 25.4 38.2#

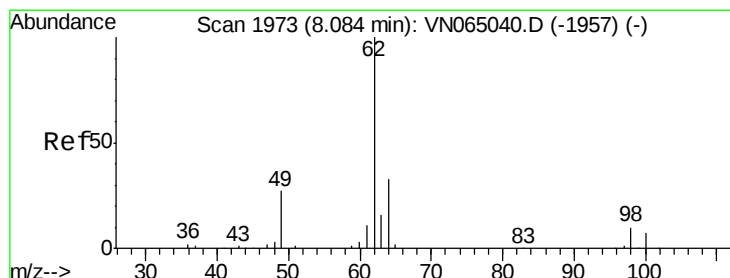
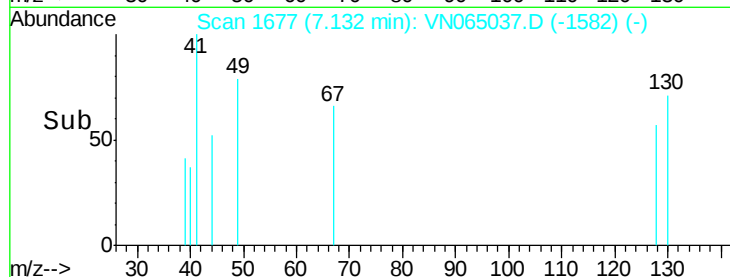
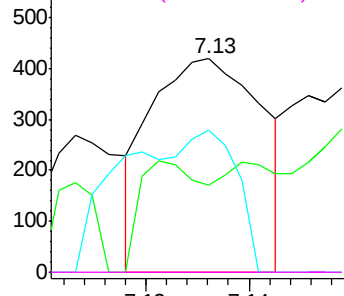


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 0.857 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN065037.D

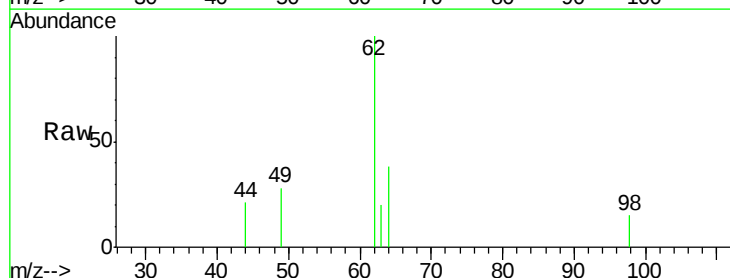
Acq: 10 Dec 2020 9:49

Tgt Ion: 62 Resp: 2336

Ion Ratio Lower Upper

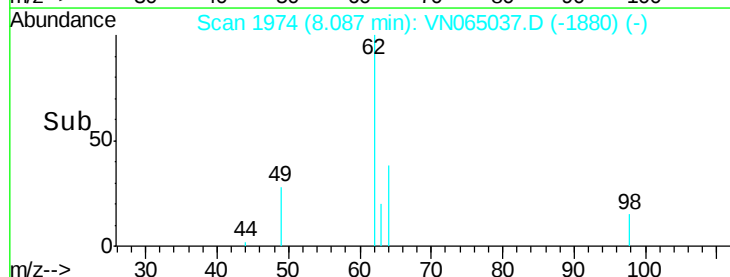
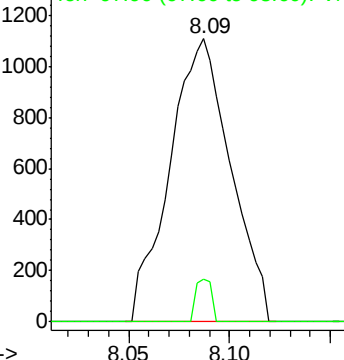
62 100

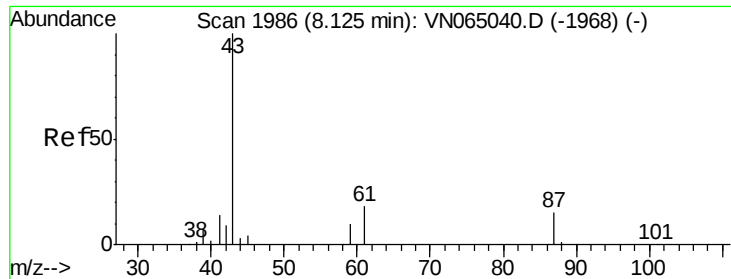
98 3.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 0.735 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

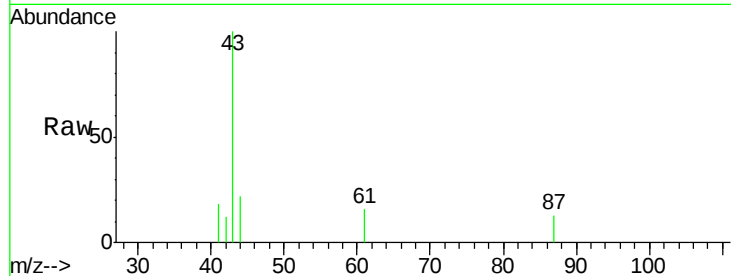
Tgt Ion: 43 Resp: 2969

Ion Ratio Lower Upper

43 100

61 17.7 16.9 25.3

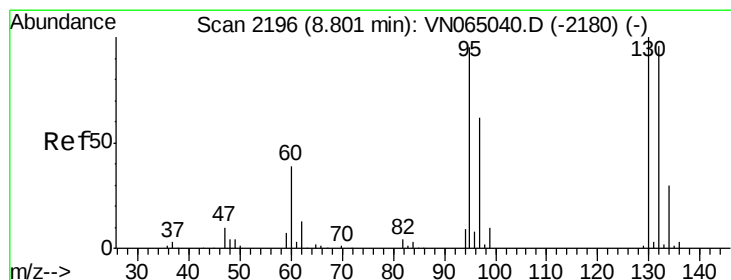
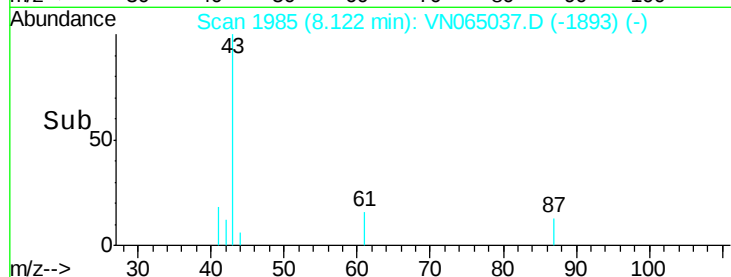
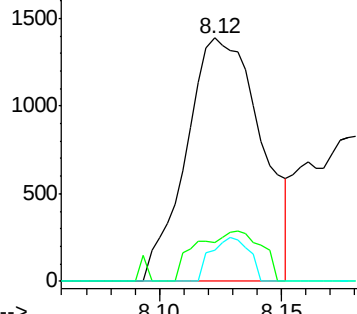
87 9.1 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN065040.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN065040.D (-1968) (-)



#44

Trichloroethene

Concen: 0.854 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN065037.D

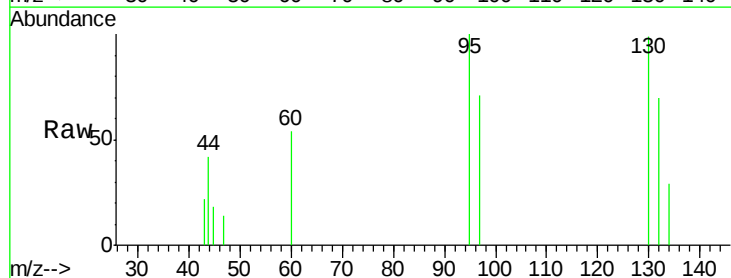
Acq: 10 Dec 2020 9:49

Tgt Ion: 130 Resp: 2024

Ion Ratio Lower Upper

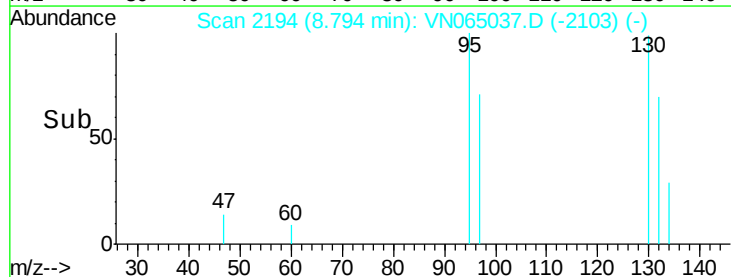
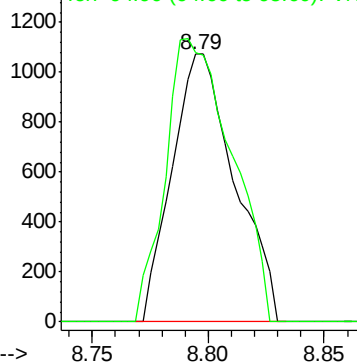
130 100

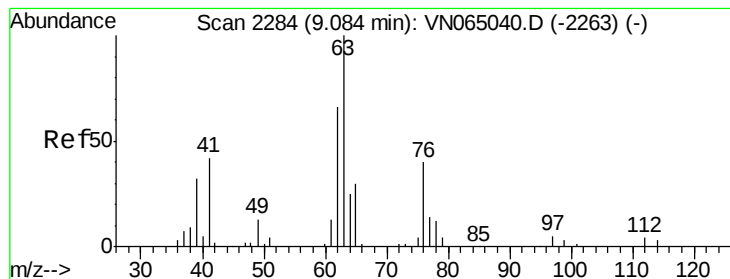
95 100.7 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): VN065040.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN065040.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 0.956 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

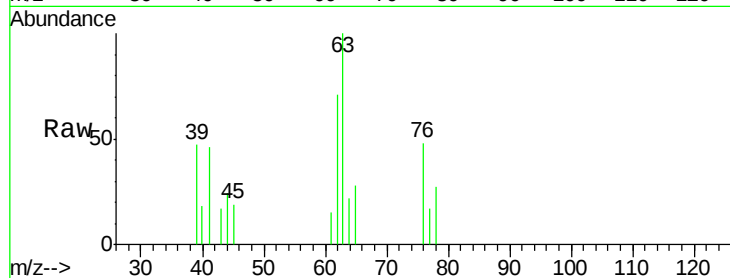
VSTDIC001

Tgt Ion: 63 Resp: 2014

Ion Ratio Lower Upper

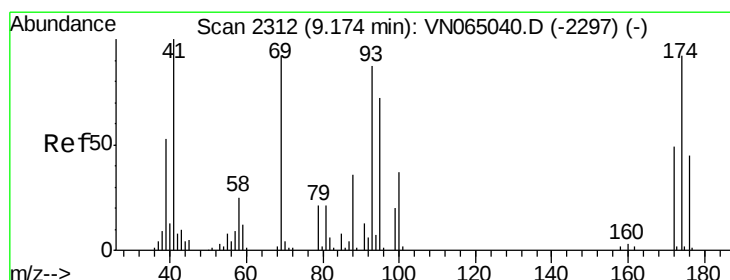
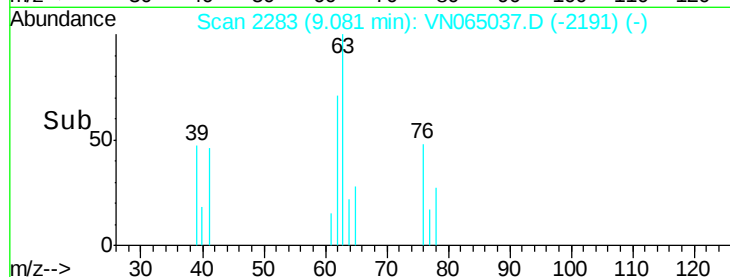
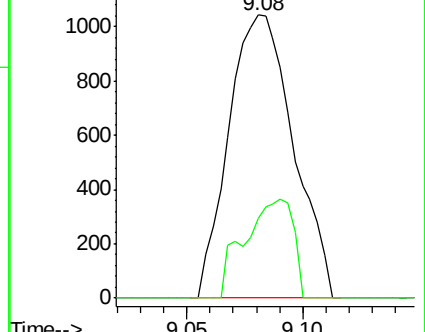
63 100

65 28.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN065040.D (-2263) (-)

Ion 64.90 (64.60 to 65.60): VN065040.D (-2263) (-)



#46

Dibromomethane

Concen: 0.973 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

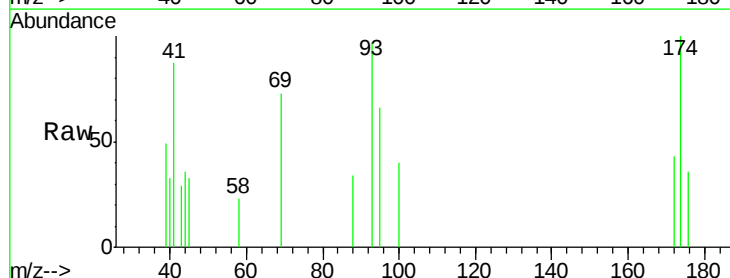
Tgt Ion: 93 Resp: 1364

Ion Ratio Lower Upper

93 100

95 80.0 65.7 98.5

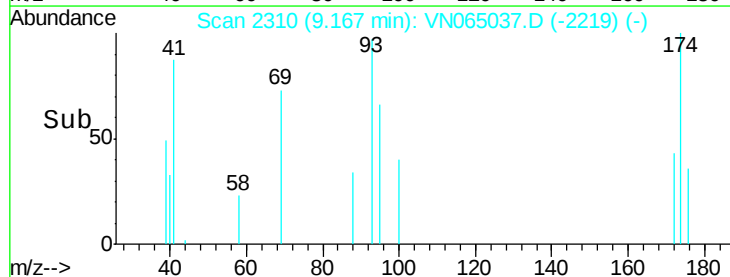
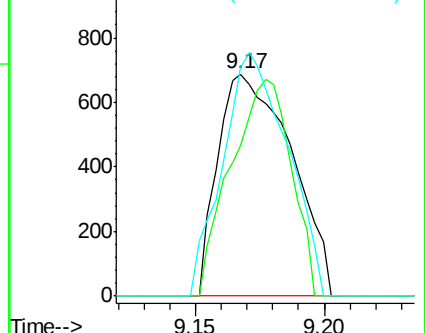
174 96.4 83.0 124.4

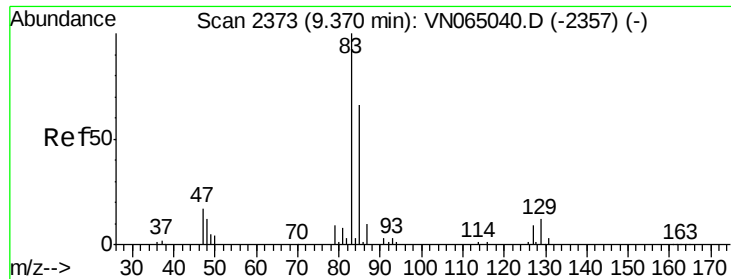


Abundance Ion 92.80 (92.50 to 93.50): VN065040.D (-2297) (-)

Ion 94.80 (94.50 to 95.50): VN065040.D (-2297) (-)

Ion 173.70 (173.40 to 174.40): VN065040.D (-2297) (-)





#47

Bromodichloromethane

Concen: 0.875 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

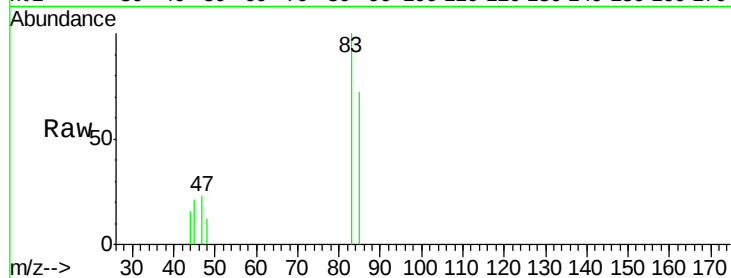
Tgt Ion: 83 Resp: 2467

Ion Ratio Lower Upper

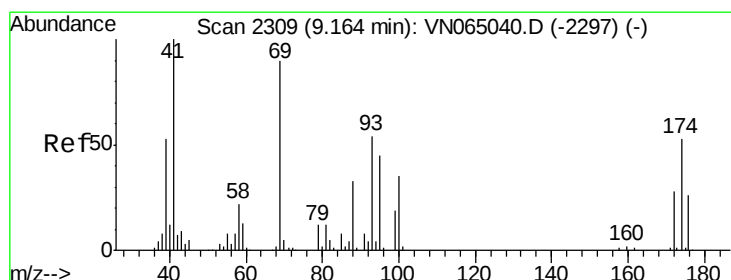
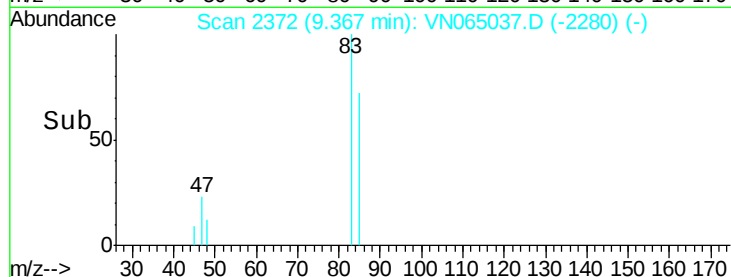
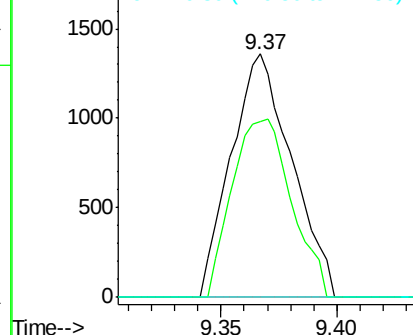
83 100

85 72.1 52.5 78.7

127 0.0 7.1 10.7#



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: 0.738 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

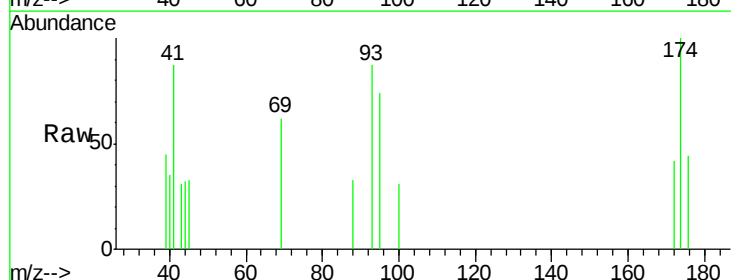
Tgt Ion: 41 Resp: 1424

Ion Ratio Lower Upper

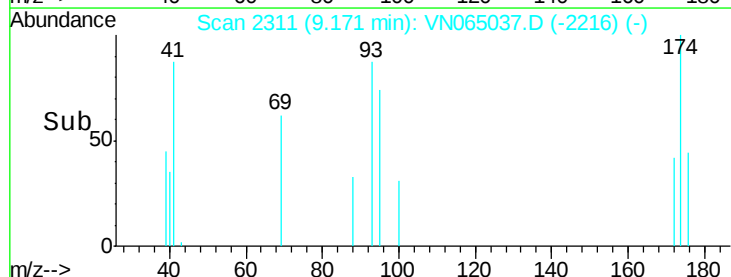
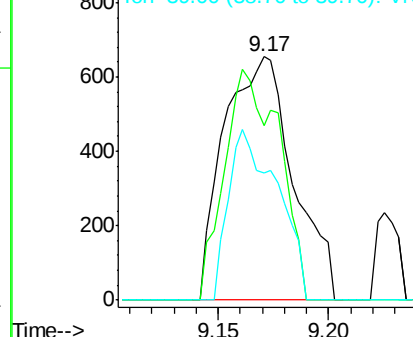
41 100

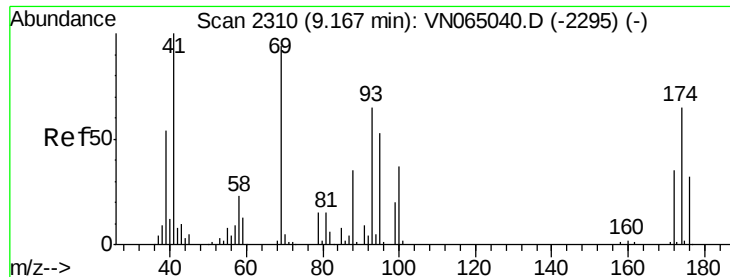
69 75.4 72.1 108.1

39 49.9 43.8 65.6



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

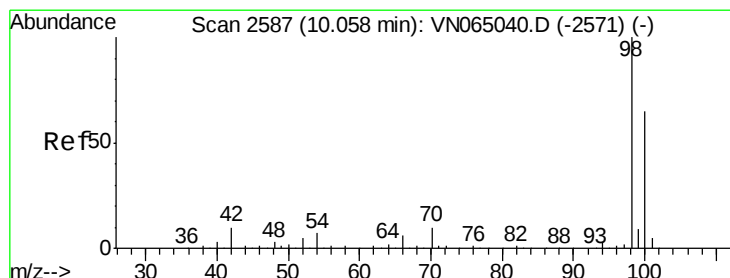
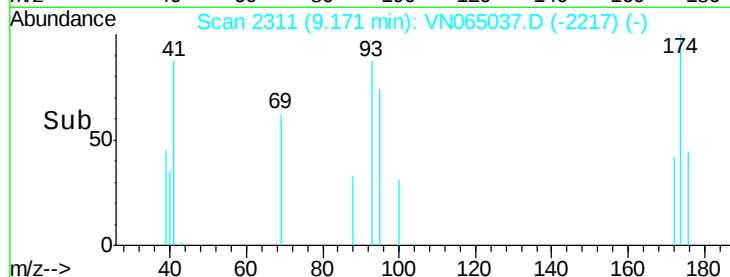
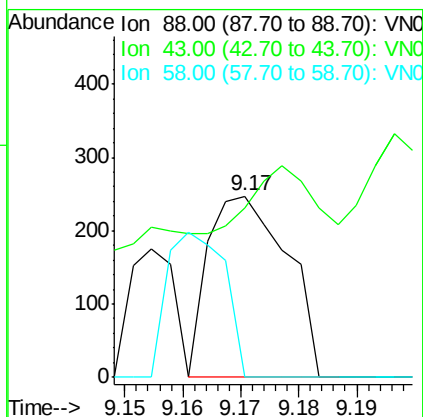
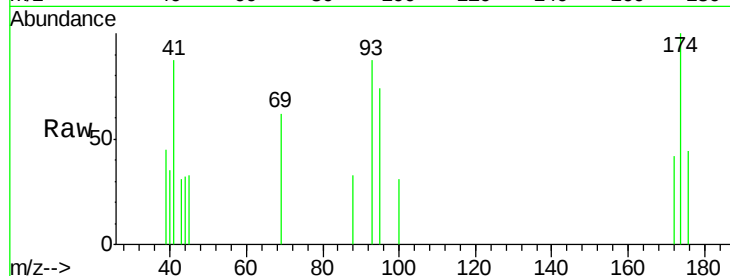




#49
1,4-Dioxane
Concen: 6.400 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

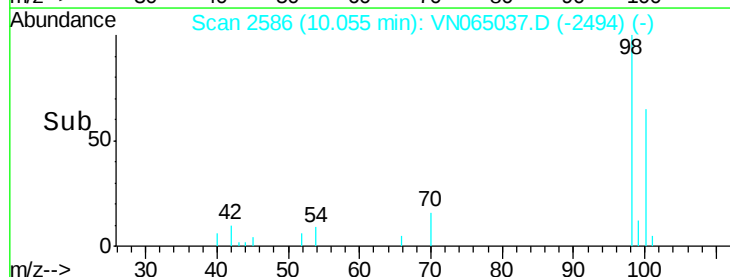
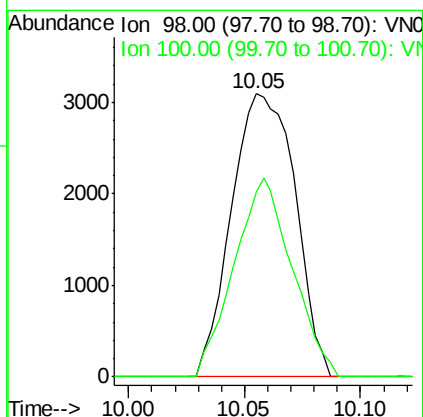
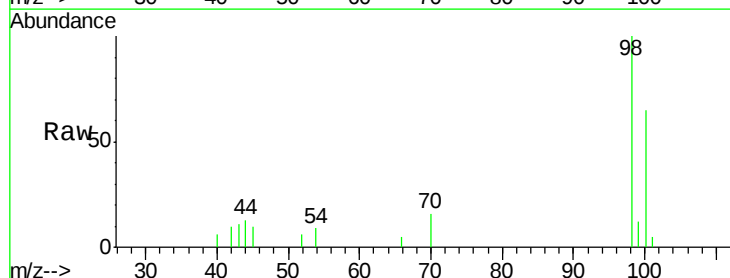
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

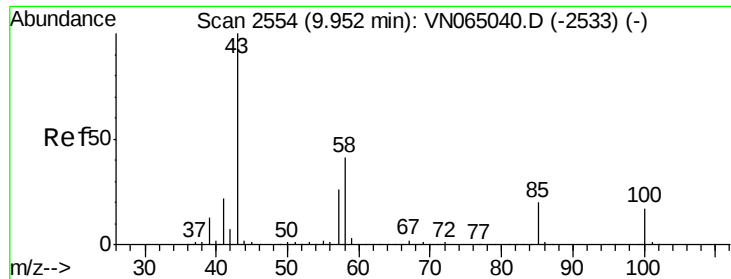
Tgt Ion: 88 Resp: 233
Ion Ratio Lower Upper
88 100
43 0.0 21.1 31.7#
58 0.0 53.8 80.8#



#50
Toluene-d8
Concen: 0.836 ug/l
RT: 10.05 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 98 Resp: 5885
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 3.710 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

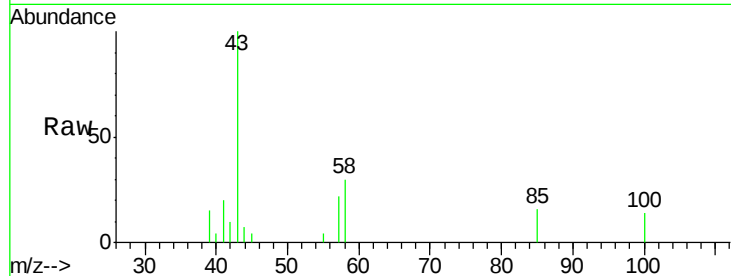
VSTDIC001

Tgt Ion: 43 Resp: 8989

Ion Ratio Lower Upper

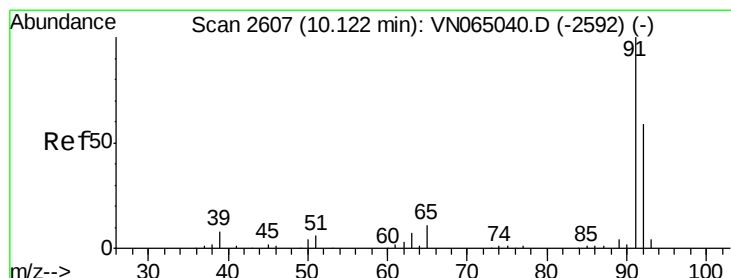
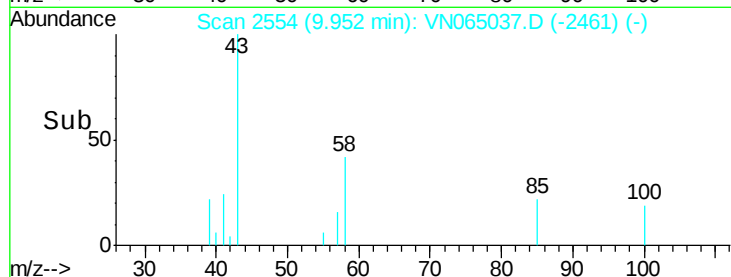
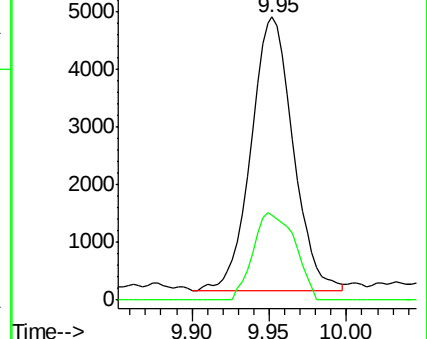
43 100

58 31.6 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-2533) (-)



#52

Toluene

Concen: 0.793 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN065037.D

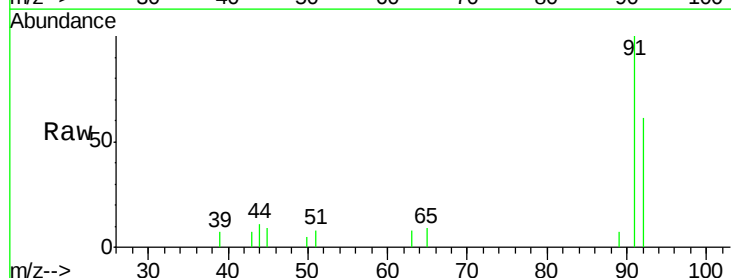
Acq: 10 Dec 2020 9:49

Tgt Ion: 92 Resp: 3948

Ion Ratio Lower Upper

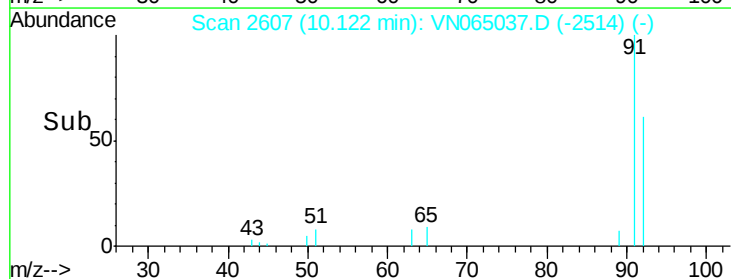
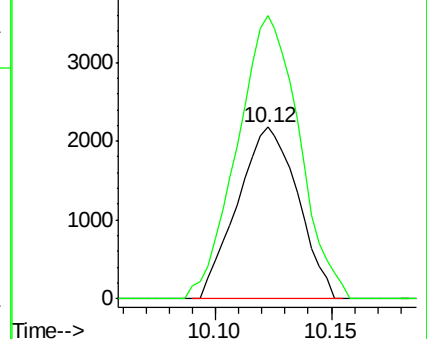
92 100

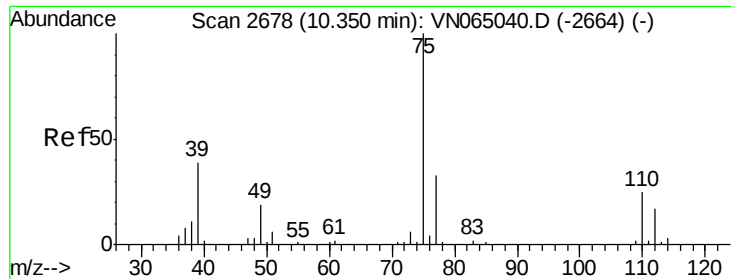
91 169.4 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN065040.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN065040.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 0.742 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

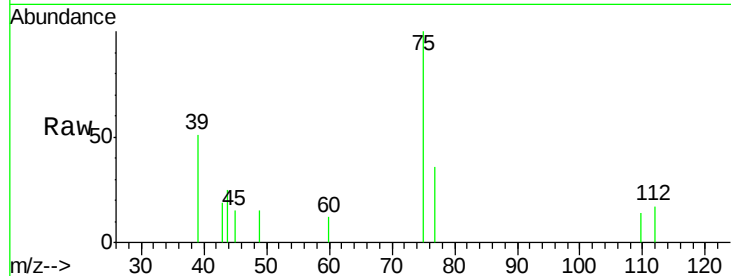
VSTDIC001

Tgt Ion: 75 Resp: 2318

Ion Ratio Lower Upper

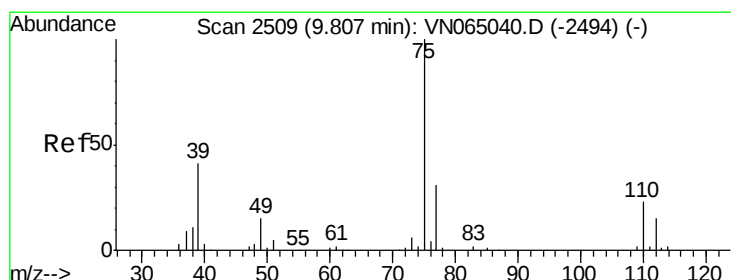
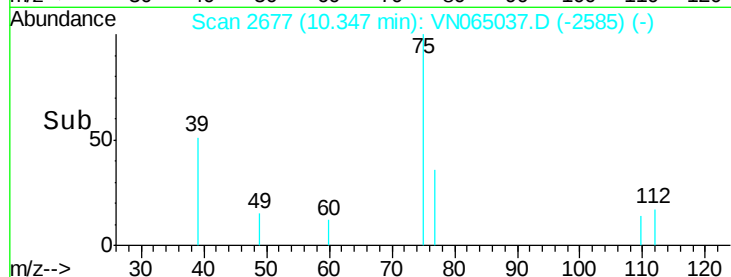
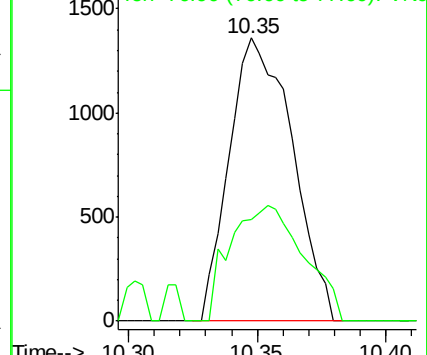
75 100

77 36.1 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.771 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

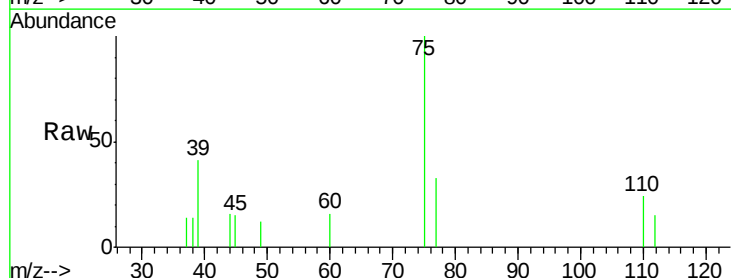
Tgt Ion: 75 Resp: 2591

Ion Ratio Lower Upper

75 100

77 33.0 24.8 37.2

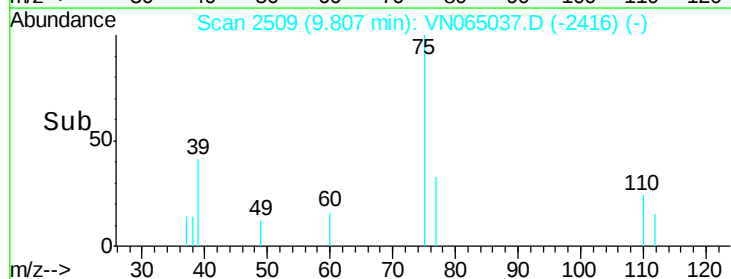
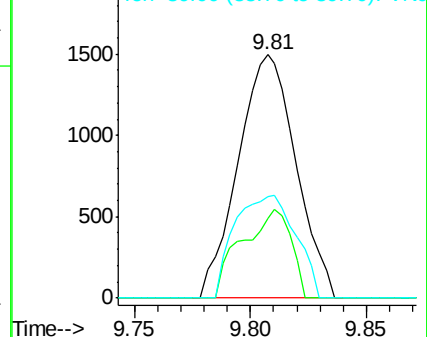
39 41.5 33.0 49.4

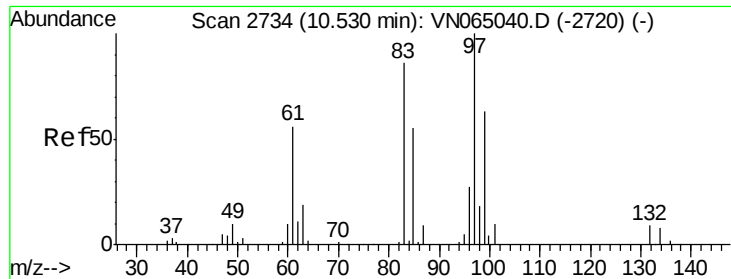


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

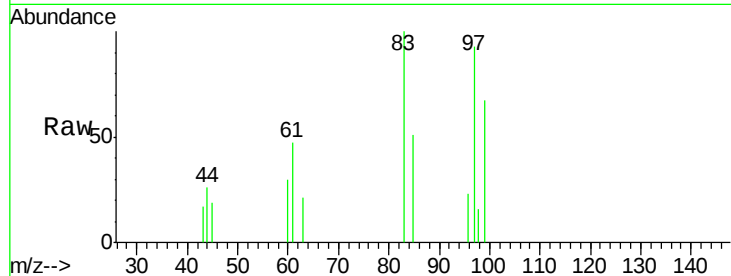




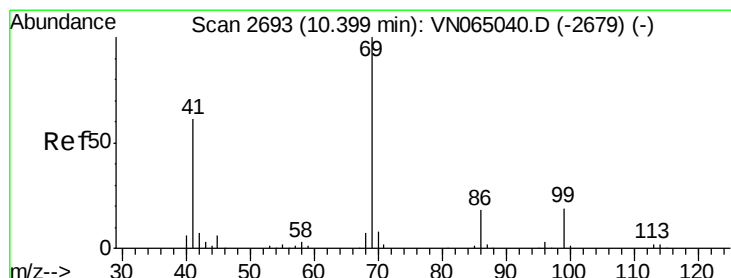
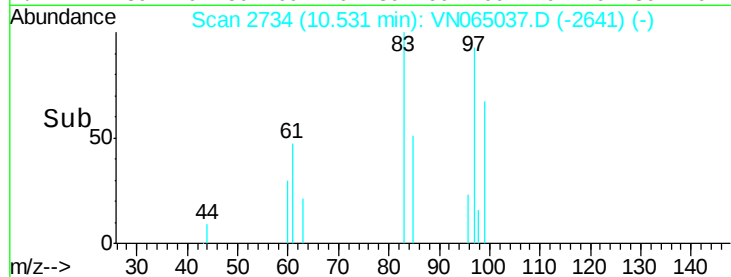
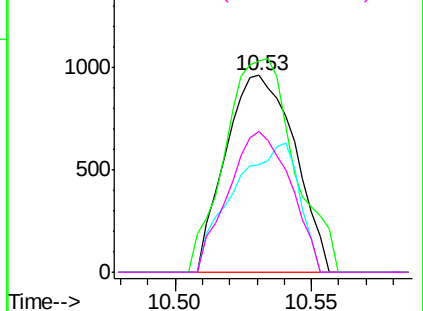
#55
 1,1,2-Trichloroethane
 Concen: 0.820 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 97 Resp: 1690
 Ion Ratio Lower Upper
 97 100
 83 107.3 69.0 103.6#
 85 54.6 43.6 65.4
 99 71.5 50.1 75.1

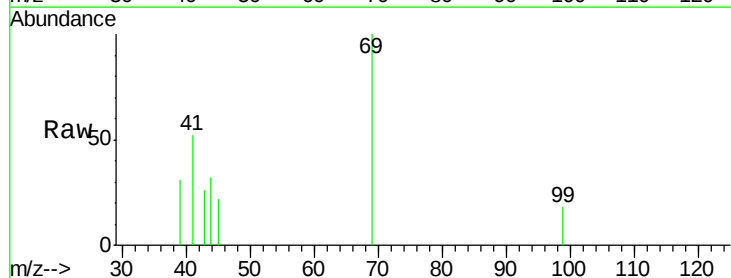


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

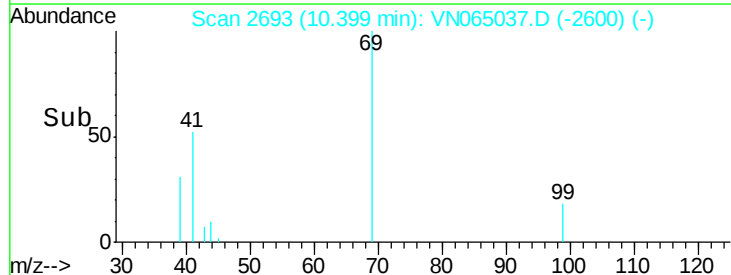
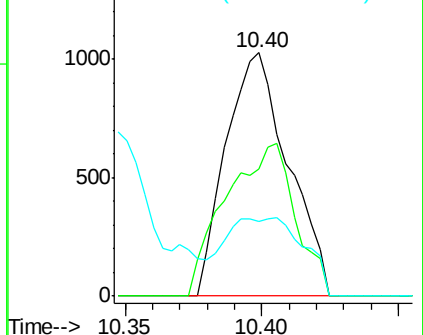


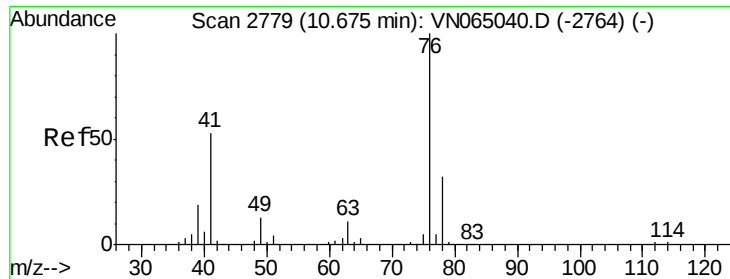
#56
 Ethyl methacrylate
 Concen: 0.584 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion: 69 Resp: 1632
 Ion Ratio Lower Upper
 69 100
 41 69.8 48.2 72.2
 39 8.9 24.7 37.1#



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

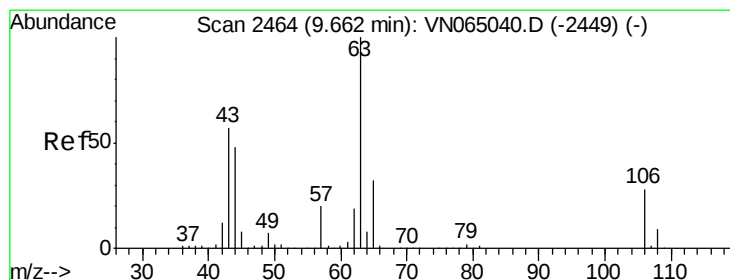
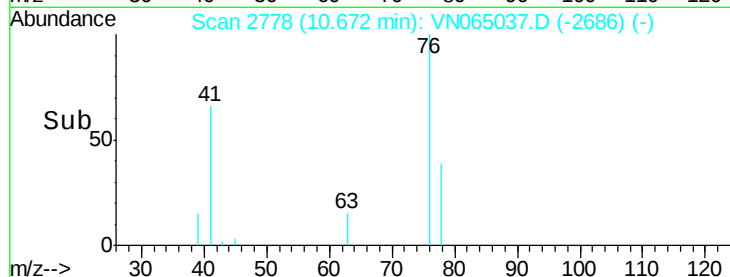
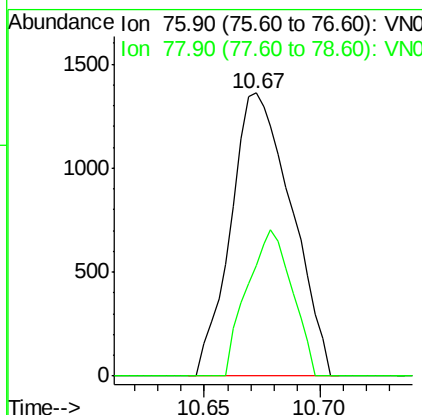
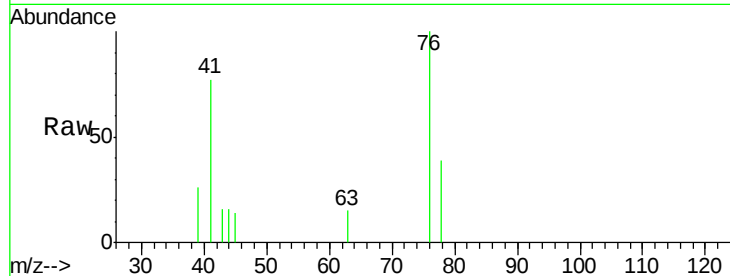




#57
 1,3-Dichloropropane
 Concen: 0.734 ug/l
 RT: 10.67 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

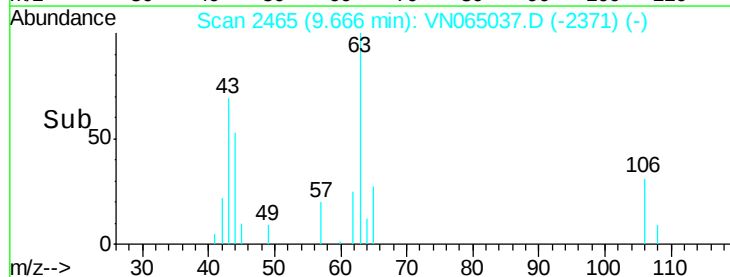
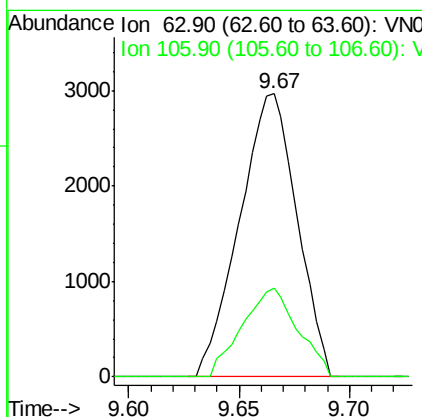
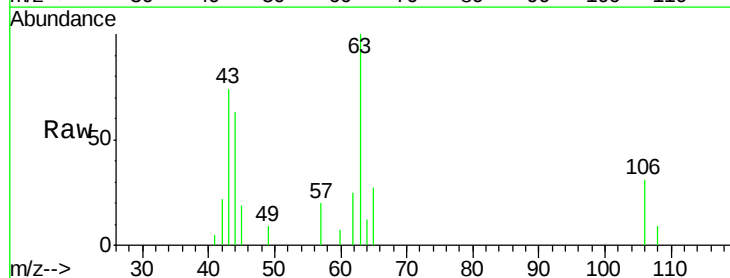
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

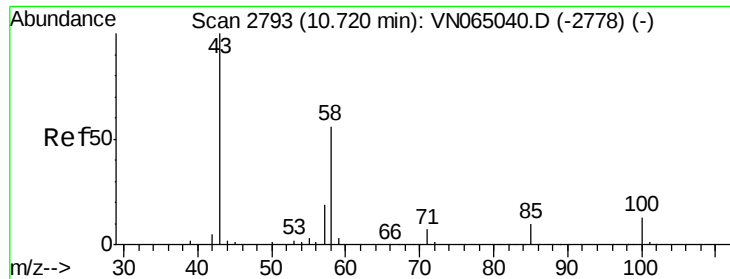
Tgt Ion: 76 Resp: 2480
 Ion Ratio Lower Upper
 76 100
 78 38.2 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.474 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion: 63 Resp: 5351
 Ion Ratio Lower Upper
 63 100
 106 30.2 22.6 33.8

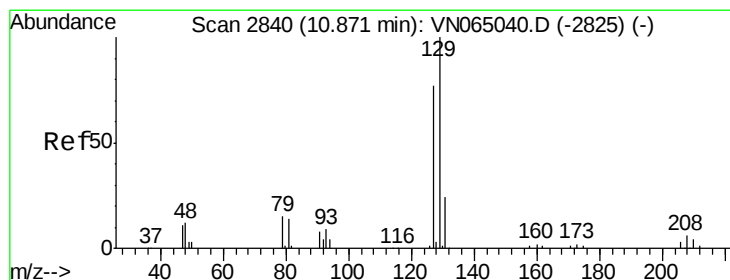
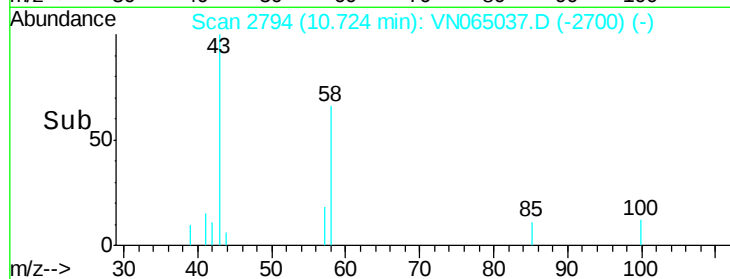
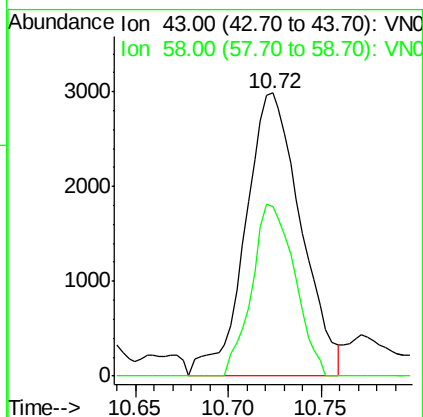
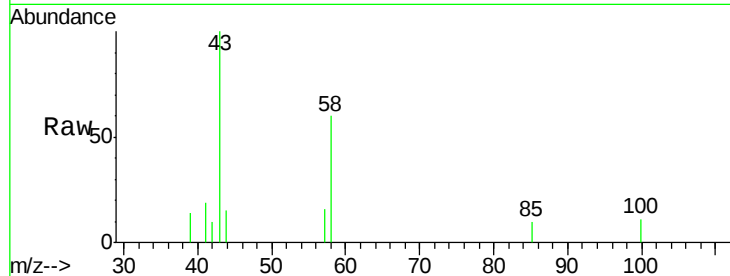




#59
2-Hexanone
Concen: 3.562 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

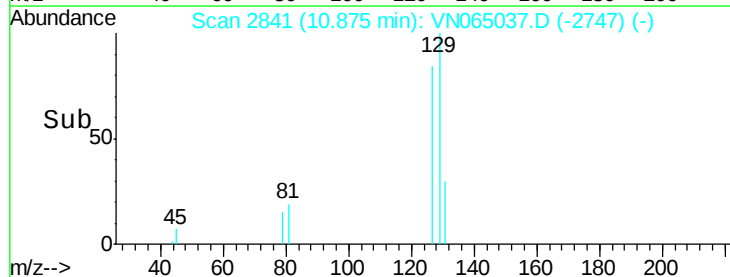
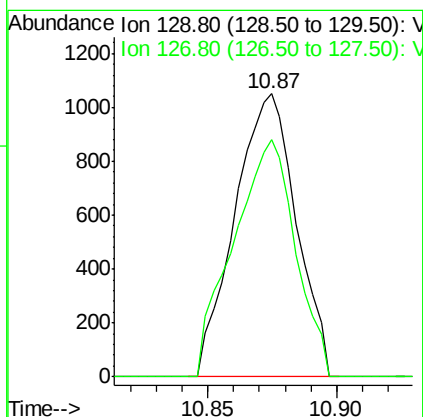
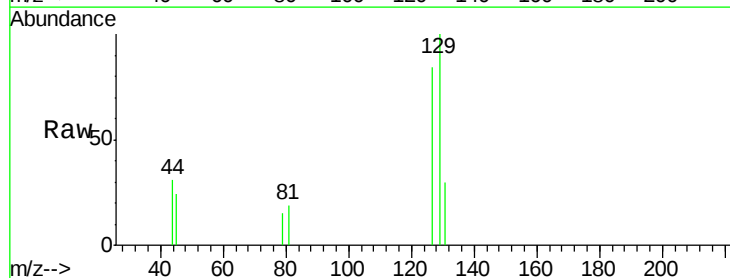
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

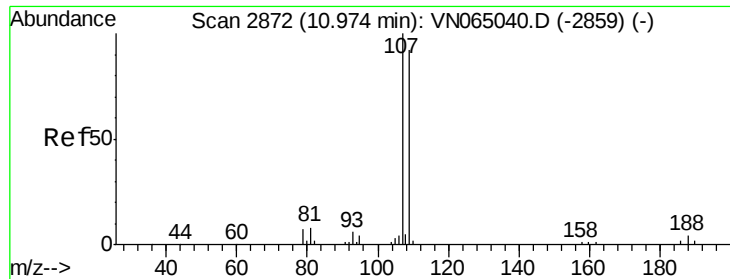
Tgt Ion: 43 Resp: 6207
Ion Ratio Lower Upper
43 100
58 46.8 28.3 84.9



#60
Dibromochloromethane
Concen: 0.764 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 129 Resp: 1742
Ion Ratio Lower Upper
129 100
127 84.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 0.864 ug/l

RT: 10.98 min Scan# 2874

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

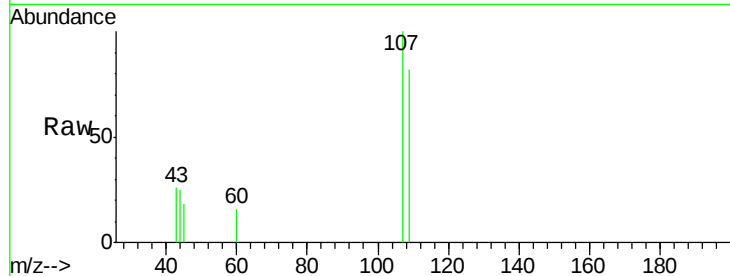
VSTDIC001

Tgt Ion: 107 Resp: 1798

Ion Ratio Lower Upper

107 100

109 80.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

800

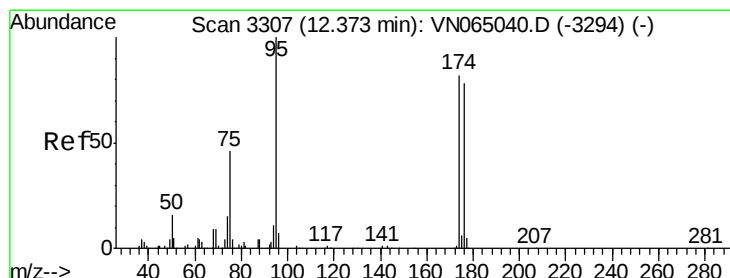
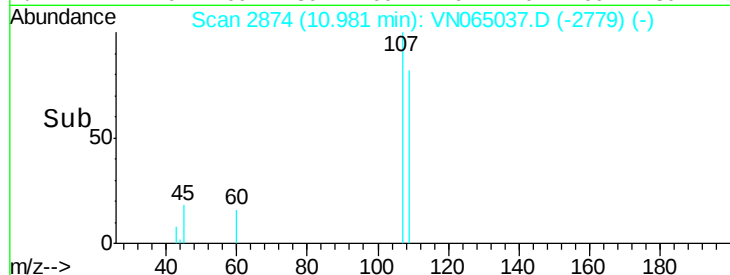
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 0.816 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

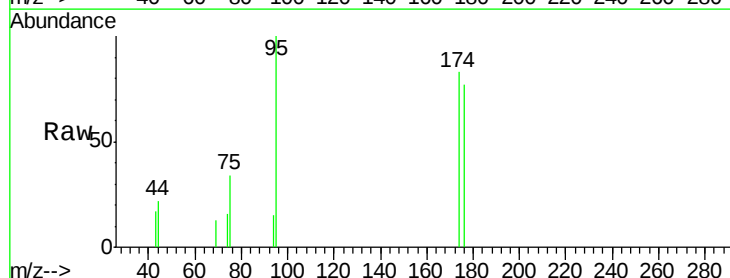
Tgt Ion: 95 Resp: 2044

Ion Ratio Lower Upper

95 100

174 90.3 0.0 164.8

176 79.8 0.0 158.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

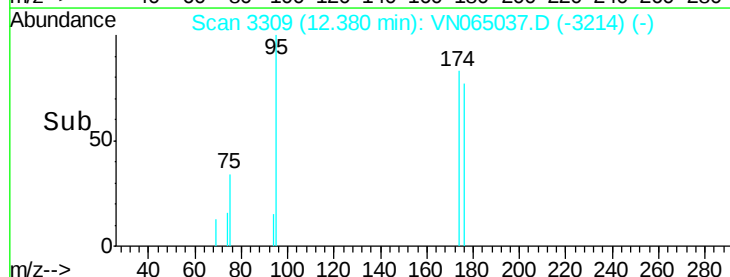
1500

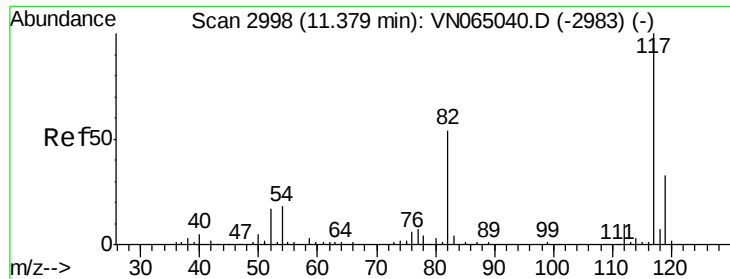
1000

500

0

Time-->

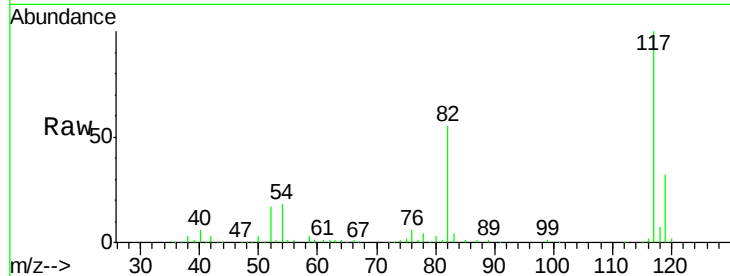




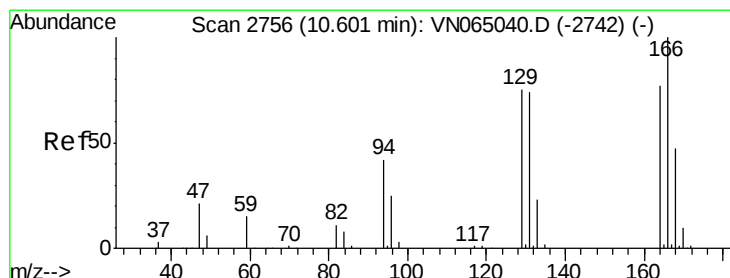
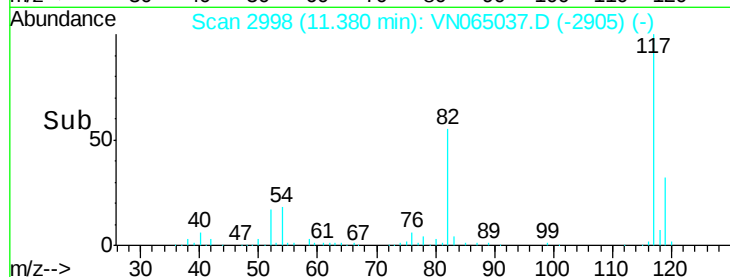
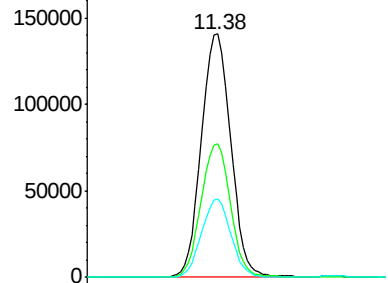
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 247780
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 32.4 26.4 39.6

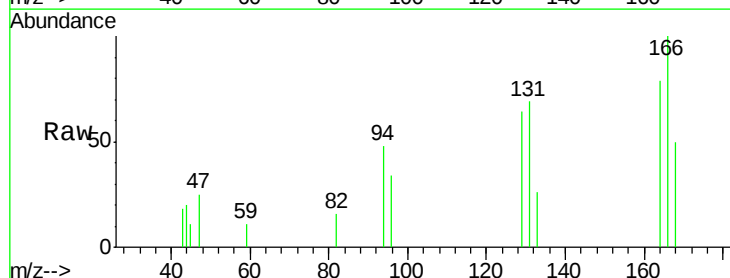


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

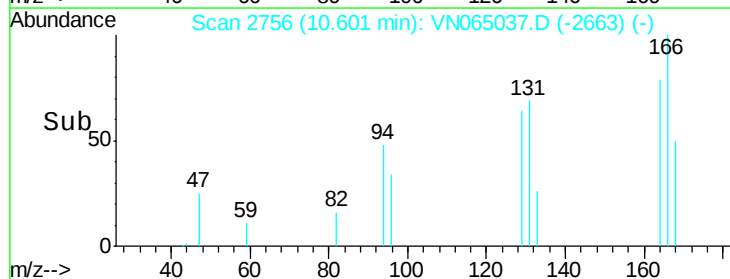
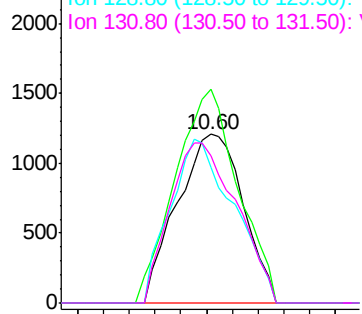


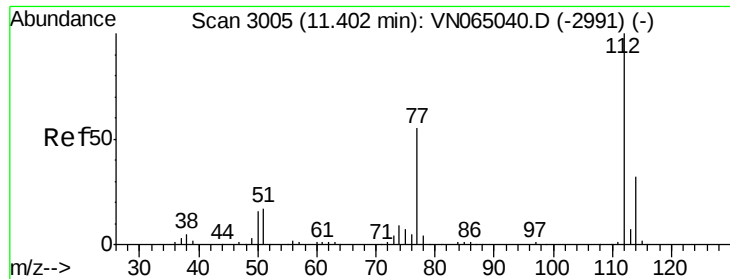
#64
Tetrachloroethene
Concen: 0.901 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion:164 Resp: 2146
Ion Ratio Lower Upper
164 100
166 126.7 103.3 154.9
129 80.7 77.0 115.4
131 87.3 76.1 114.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

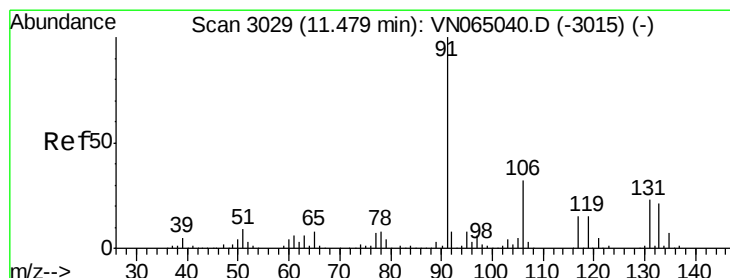
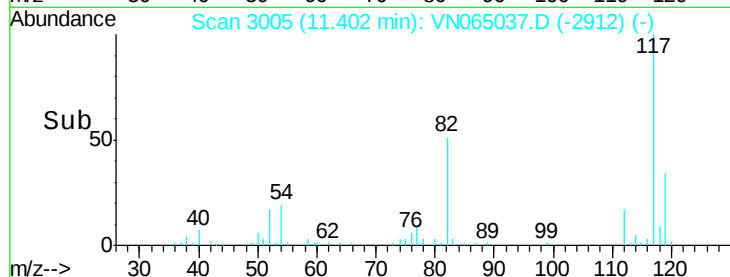
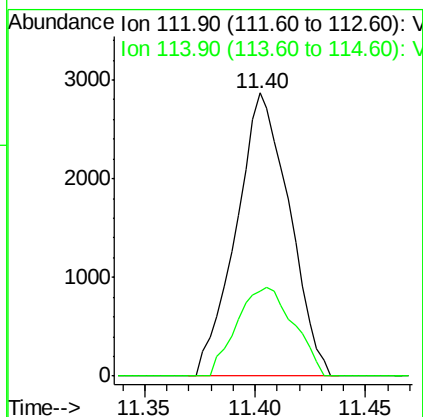
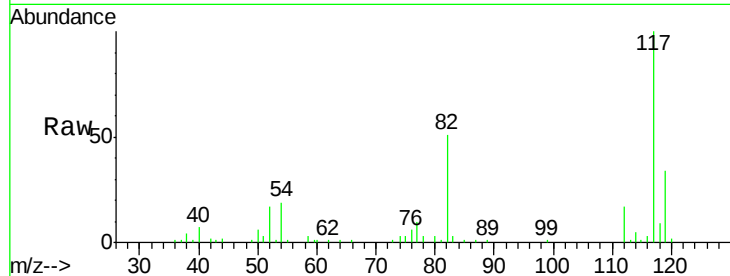




#65
Chlorobenzene
Concen: 0.899 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

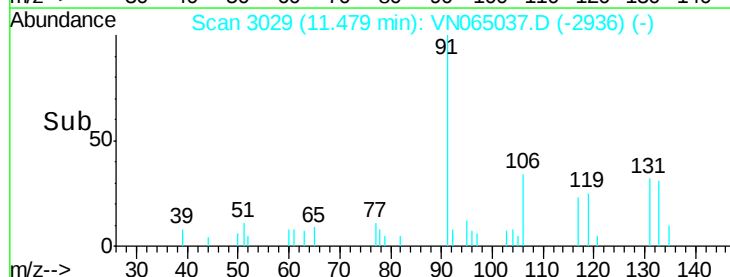
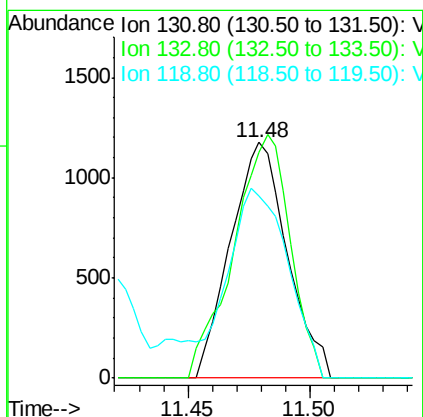
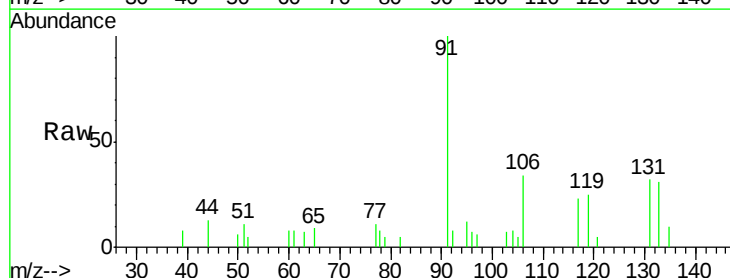
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

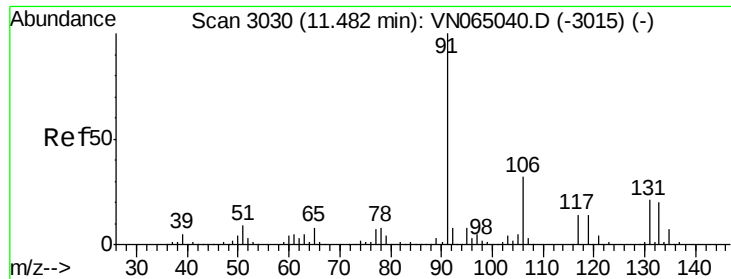
Tgt Ion:112 Resp: 4793
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.967 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion:131 Resp: 1896
Ion Ratio Lower Upper
131 100
133 102.9 48.7 146.1
119 0.0 33.2 99.6#

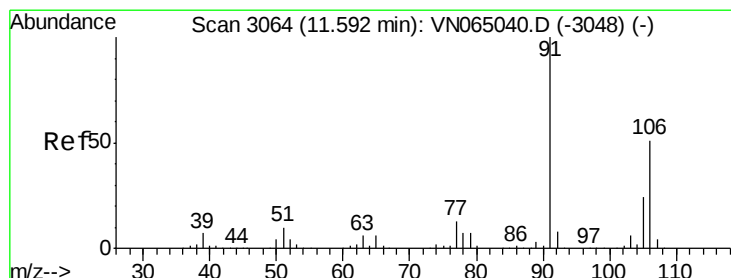
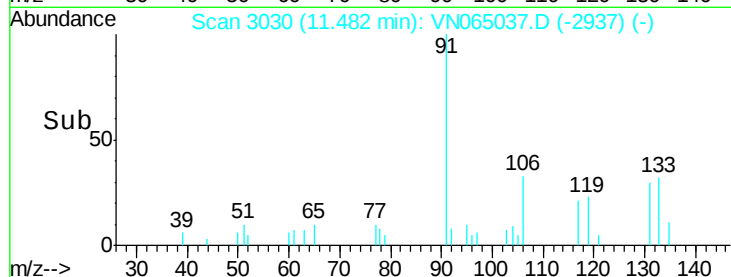
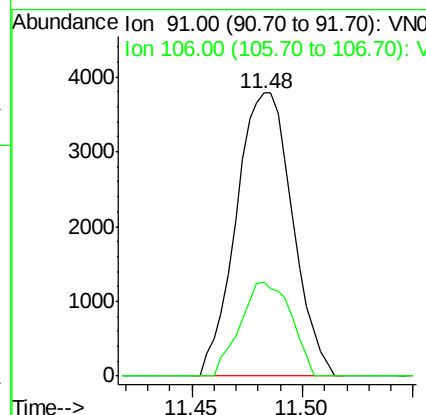
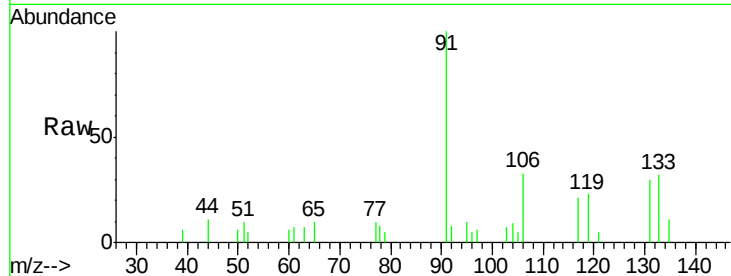




#67
Ethyl Benzene
Concen: 0.756 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

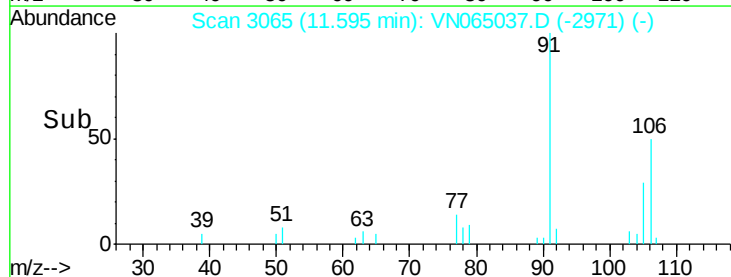
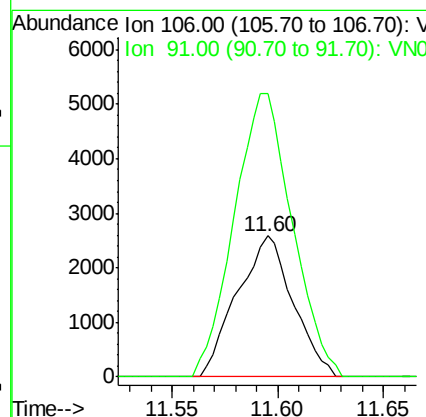
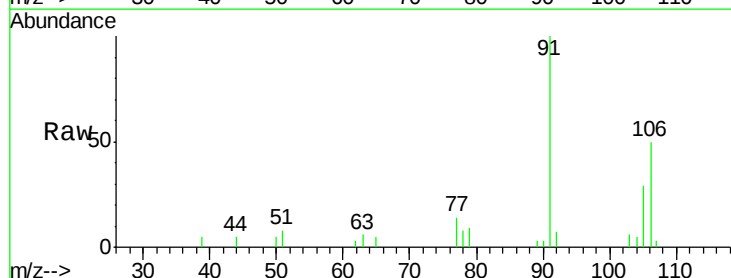
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

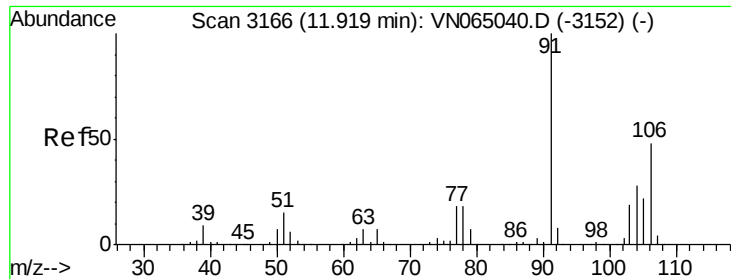
Tgt Ion: 91 Resp: 6691
Ion Ratio Lower Upper
91 100
106 33.1 25.7 38.5



#68
m/p-Xylenes
Concen: 1.410 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 106 Resp: 4752
Ion Ratio Lower Upper
106 100
91 208.7 157.0 235.6

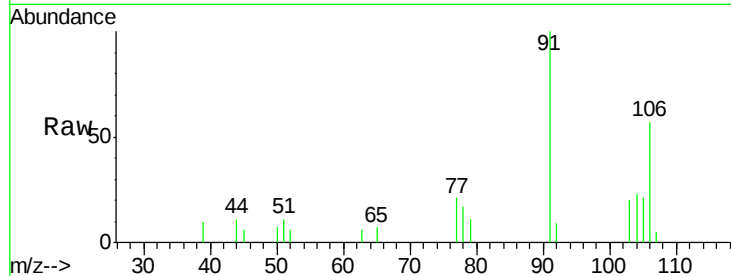




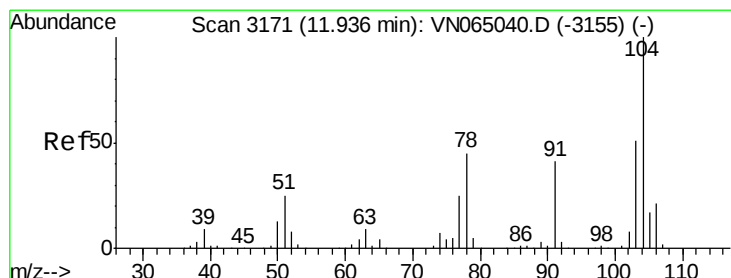
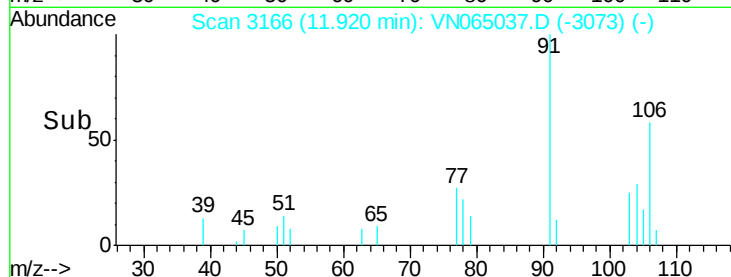
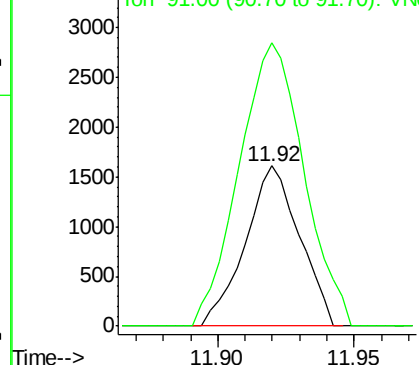
#69
o-Xylene
Concen: 0.693 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2213
Ion Ratio Lower Upper
106 100
91 211.9 104.1 312.3

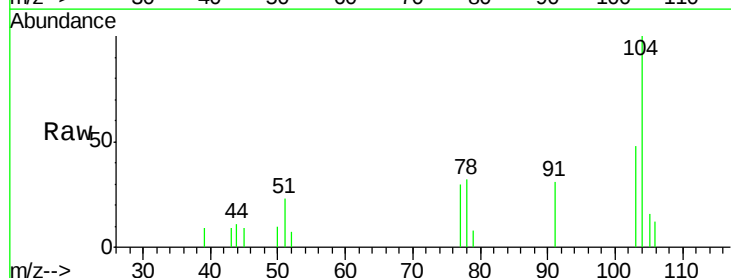


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

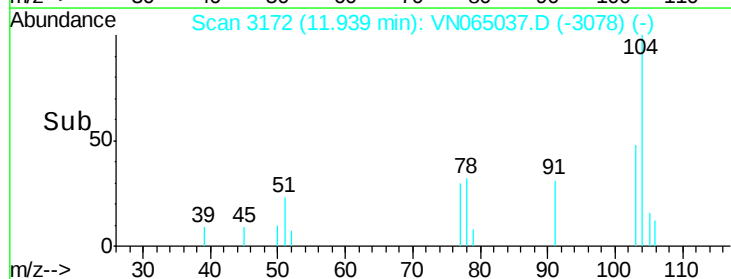
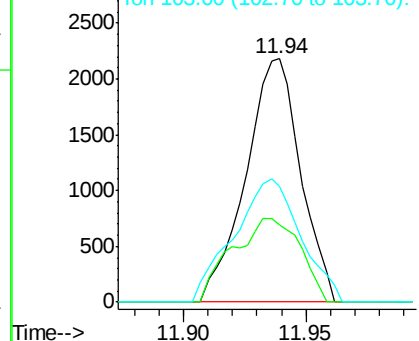


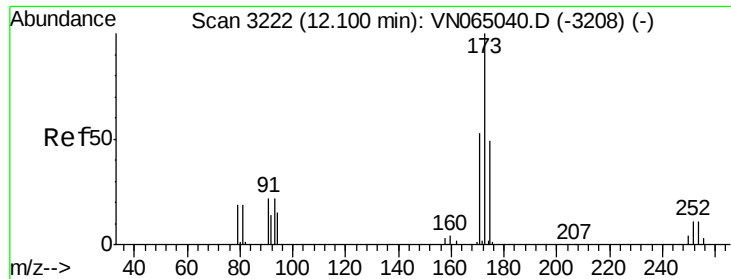
#70
Styrene
Concen: 0.630 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion:104 Resp: 3397
Ion Ratio Lower Upper
104 100
78 42.6 38.7 58.1
103 61.7 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

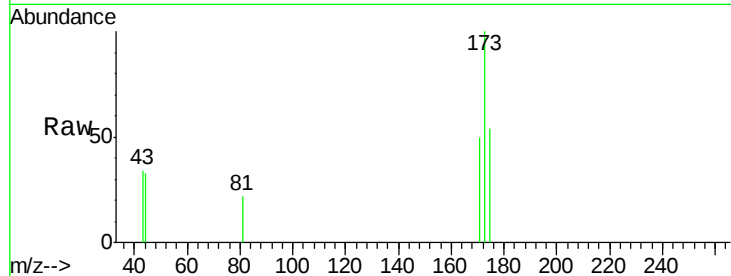




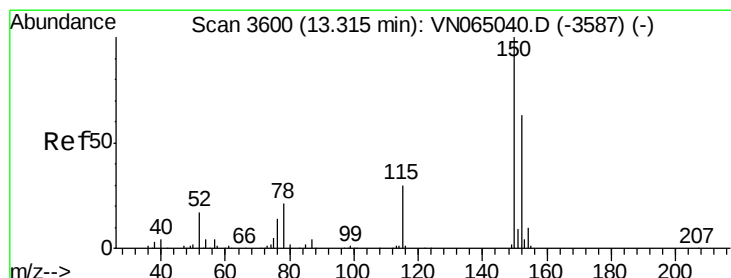
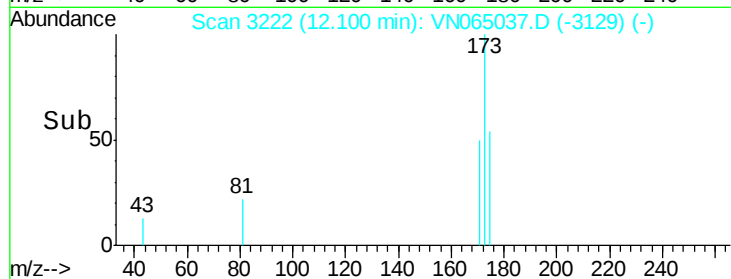
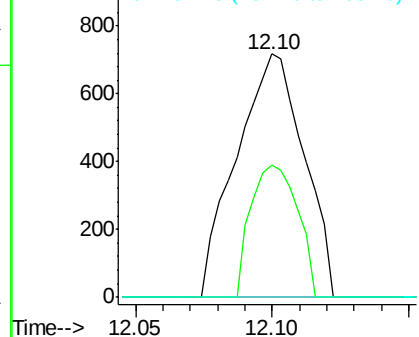
#71
Bromoform
Concen: 0.787 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 1226
Ion Ratio Lower Upper
173 100
175 37.8 24.5 73.5
254 0.0 0.0 0.0

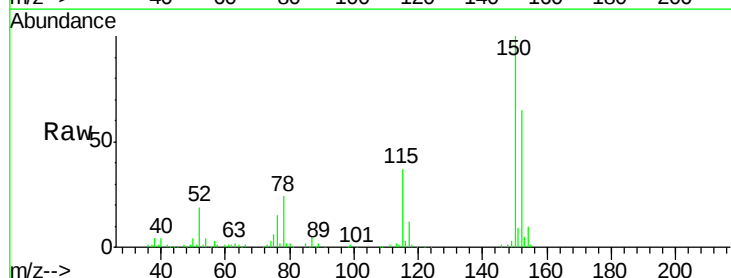


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

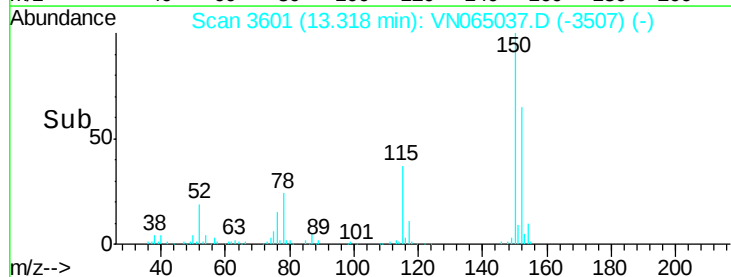
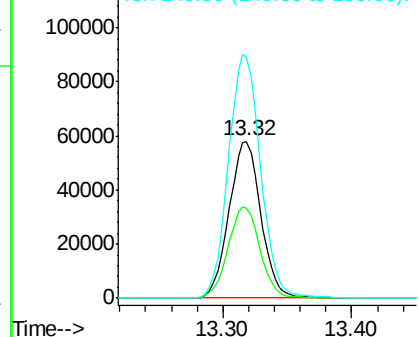


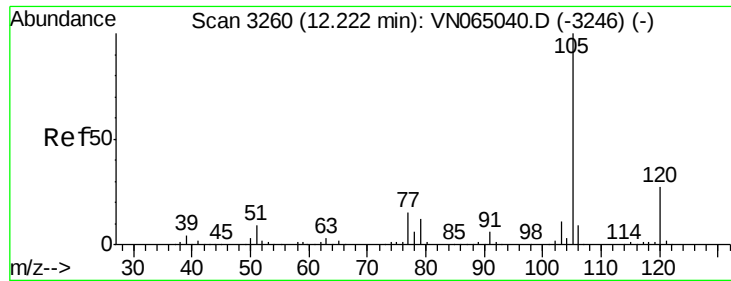
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion:152 Resp: 99161
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 157.3 0.0 345.8



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: 0.771 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

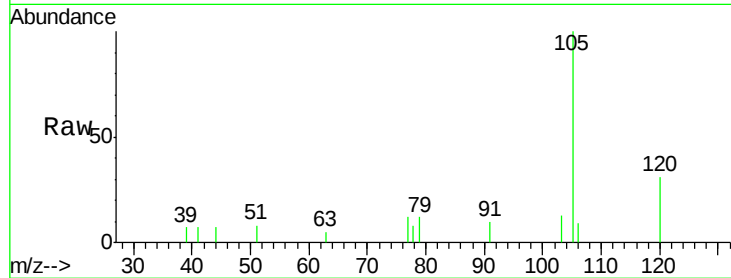
VSTDIC001

Tgt Ion: 105 Resp: 5298

Ion Ratio Lower Upper

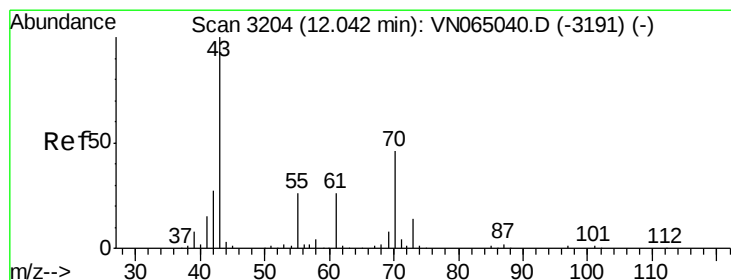
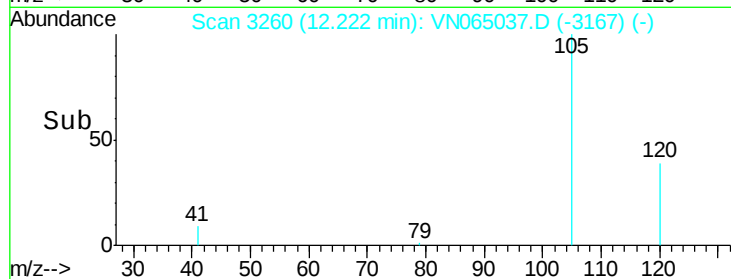
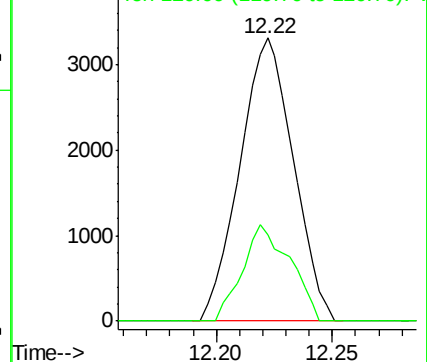
105 100

120 30.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.628 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.01 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Tgt Ion: 43 Resp: 1669

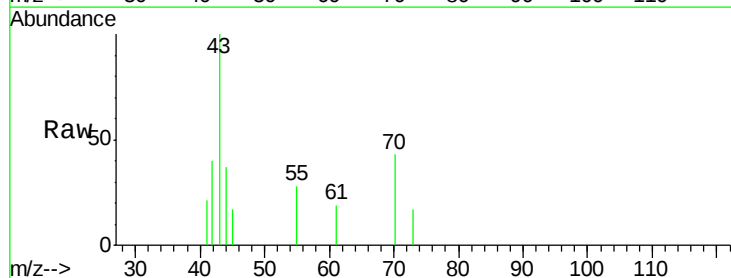
Ion Ratio Lower Upper

43 100

70 43.6 36.2 54.2

55 18.3 21.4 32.0#

61 11.5 19.8 29.8#

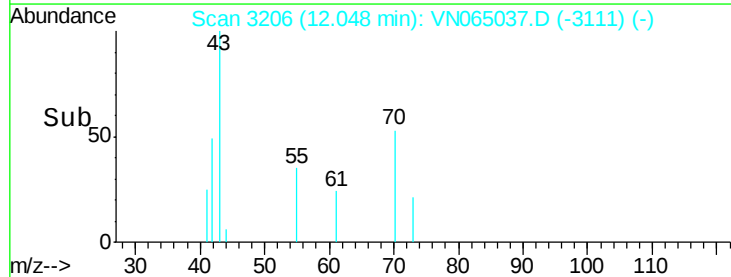
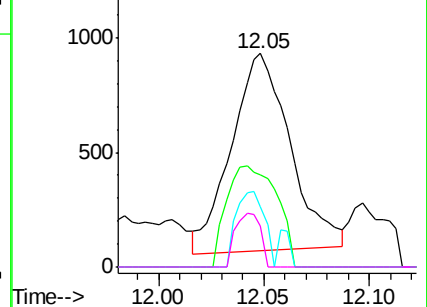


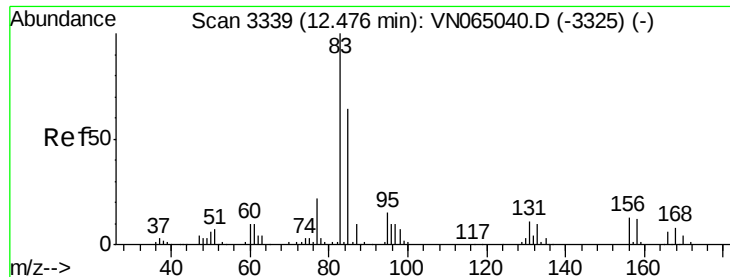
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.157 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

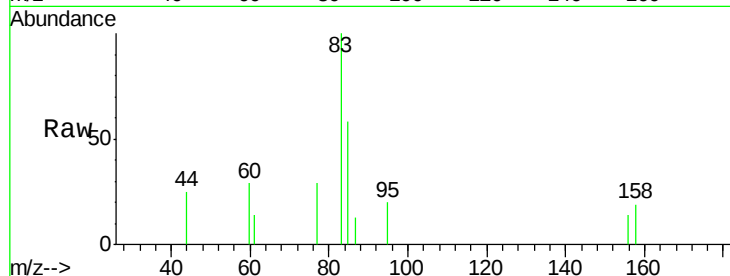
Tgt Ion: 83 Resp: 2338

Ion Ratio Lower Upper

83 100

131 1.2 5.5 16.4#

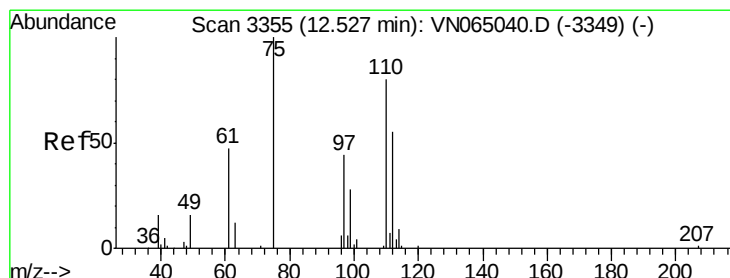
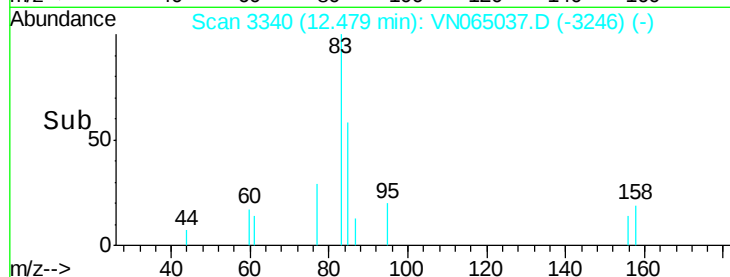
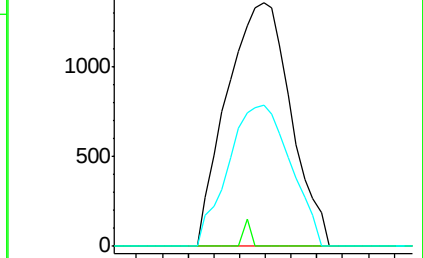
85 56.6 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN065037.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN065037.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN065037.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 1.262 ug/l

RT: 12.53 min Scan# 3357

Delta R.T. 0.01 min

Lab File: VN065037.D

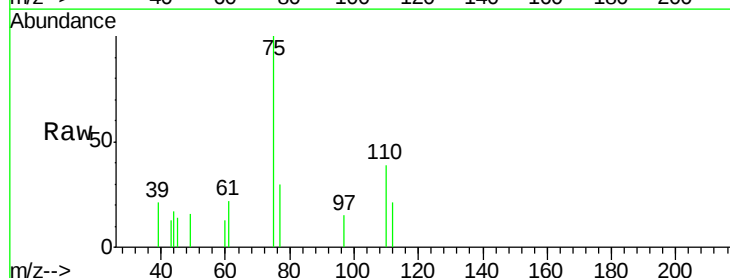
Acq: 10 Dec 2020 9:49

Tgt Ion: 75 Resp: 2653

Ion Ratio Lower Upper

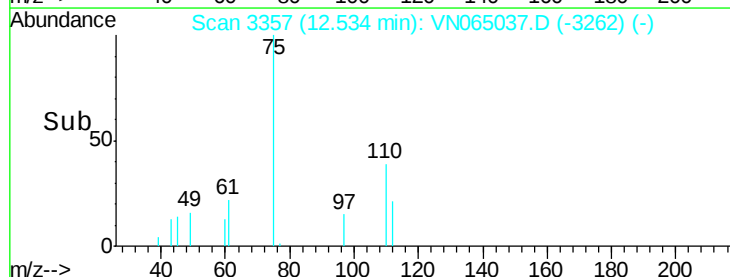
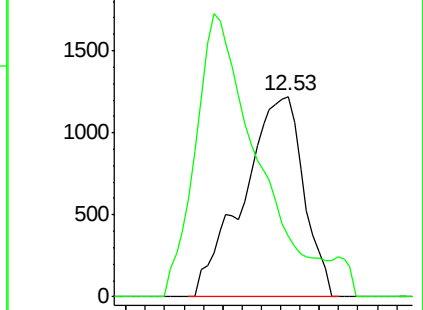
75 100

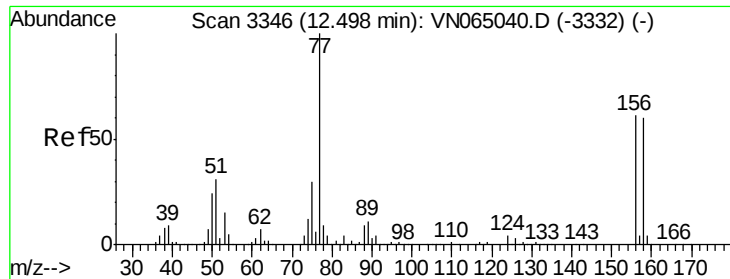
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN065037.D (-3357) (-)

Ion 77.00 (76.70 to 77.70): VN065037.D (-3357) (-)





#77

Bromobenzene

Concen: 0.773 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

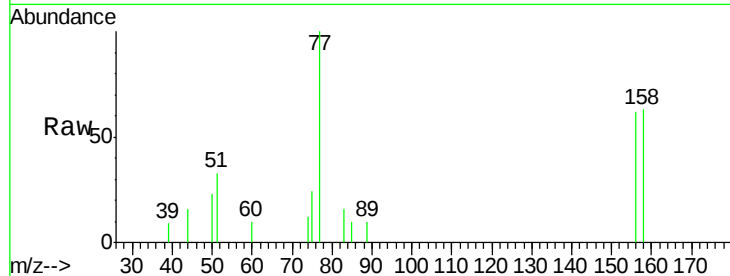
Tgt Ion: 156 Resp: 1435

Ion Ratio Lower Upper

156 100

77 267.0 99.3 297.8

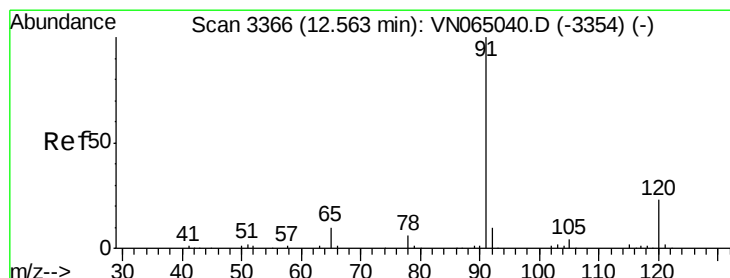
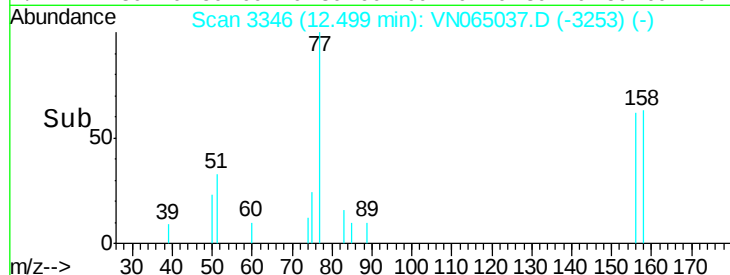
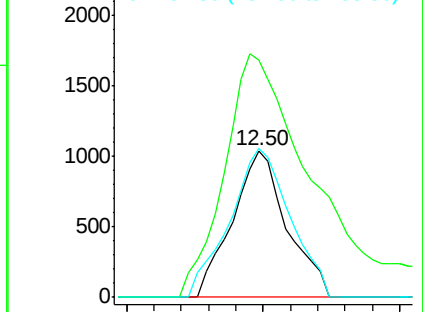
158 112.6 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.757 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN065037.D

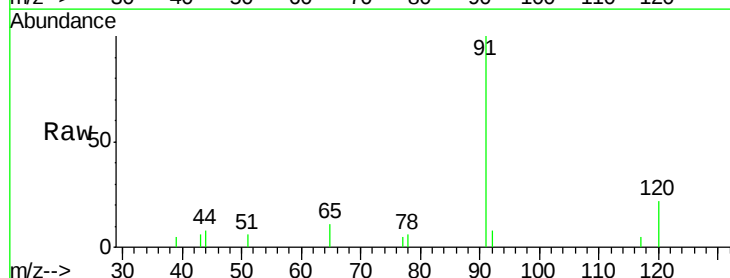
Acq: 10 Dec 2020 9:49

Tgt Ion: 91 Resp: 5903

Ion Ratio Lower Upper

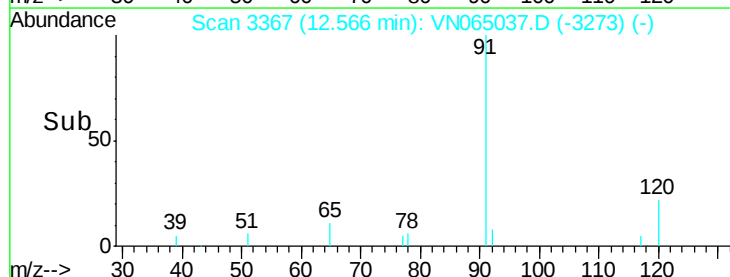
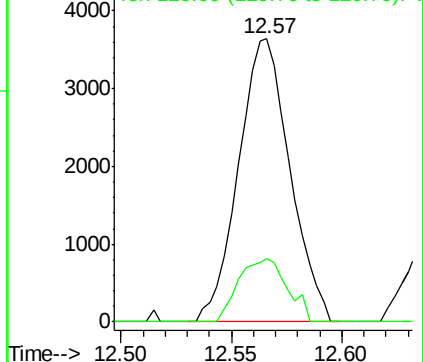
91 100

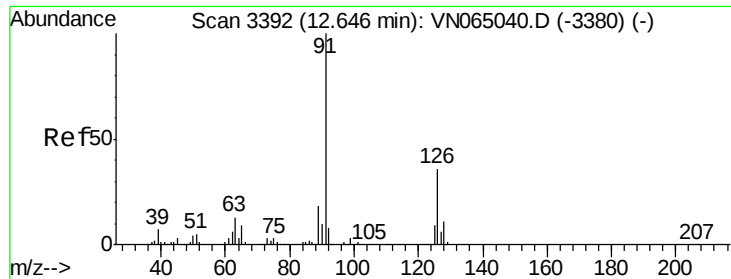
120 20.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

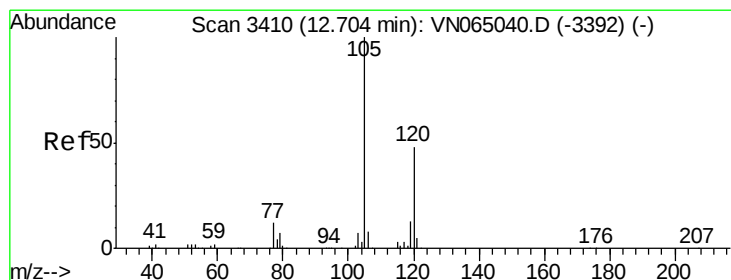
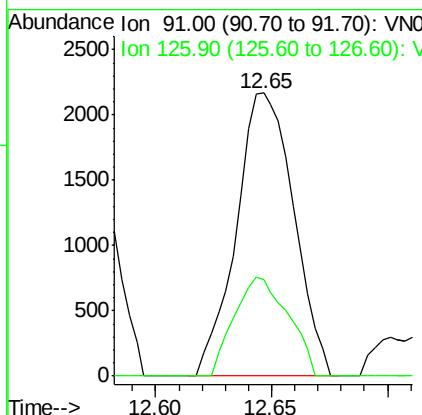
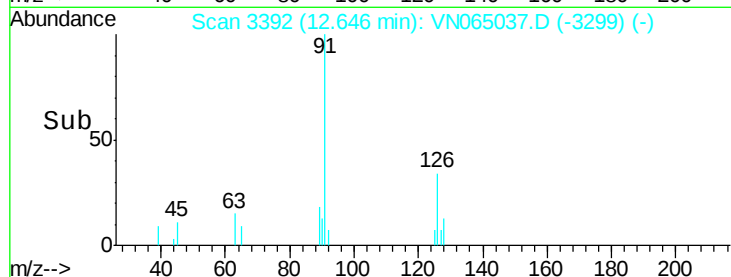
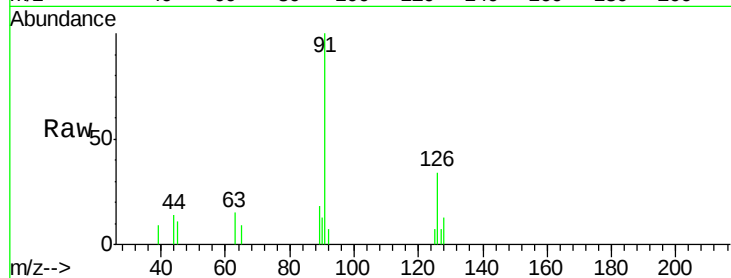




#79
 2-Chlorotoluene
 Concen: 0.774 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

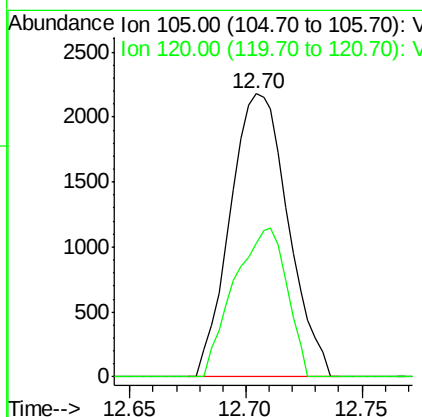
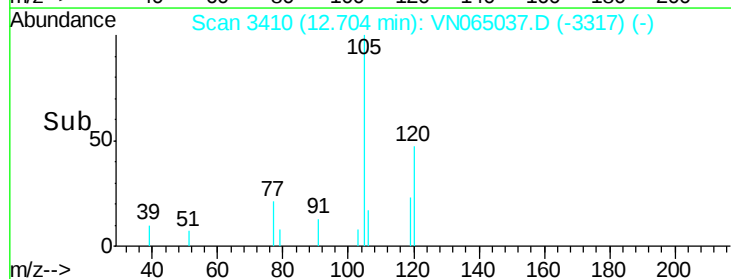
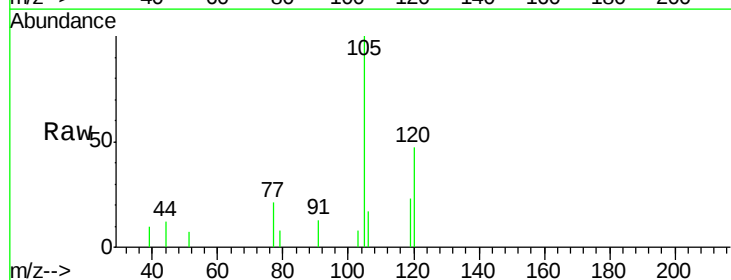
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

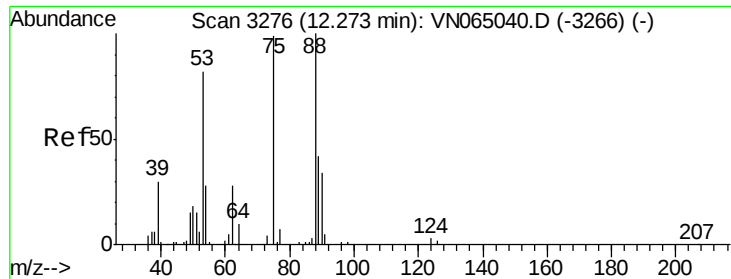
Tgt Ion: 91 Resp: 3734
 Ion Ratio Lower Upper
 91 100
 126 32.8 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 0.662 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion: 105 Resp: 3779
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.5 73.5

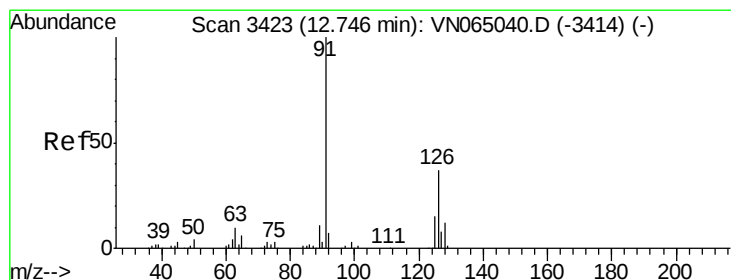
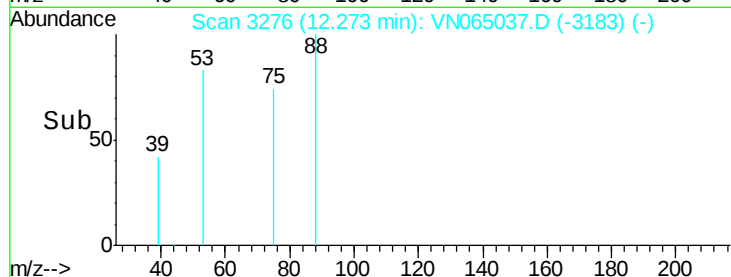
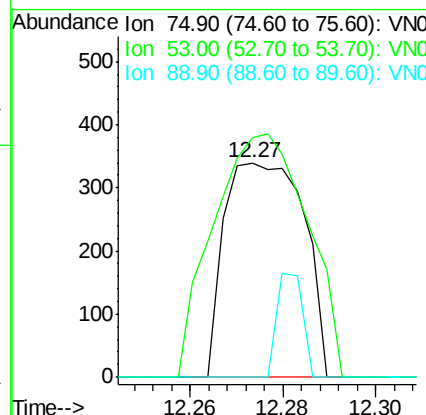
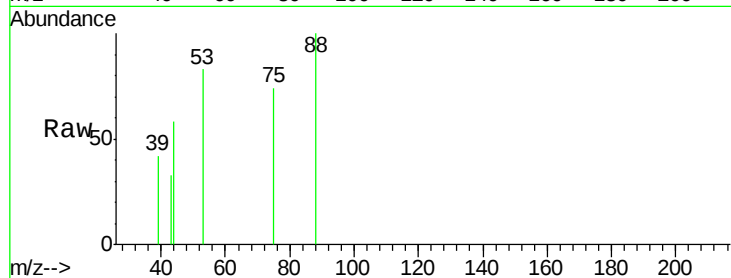




#81
trans-1,4-Dichloro-2-butene
Concen: 0.531 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

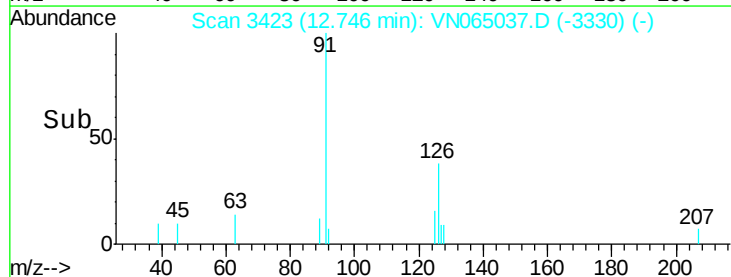
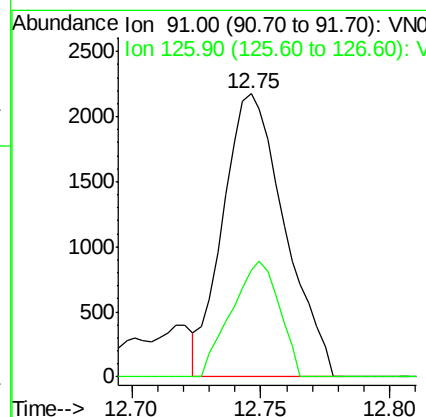
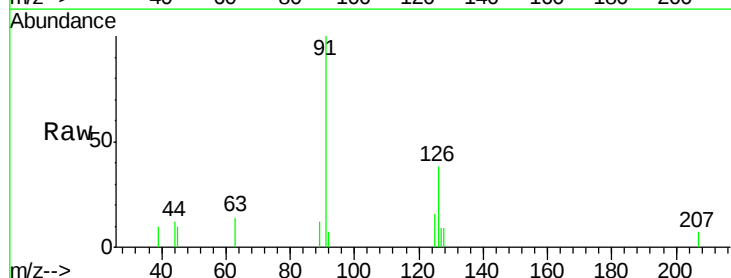
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

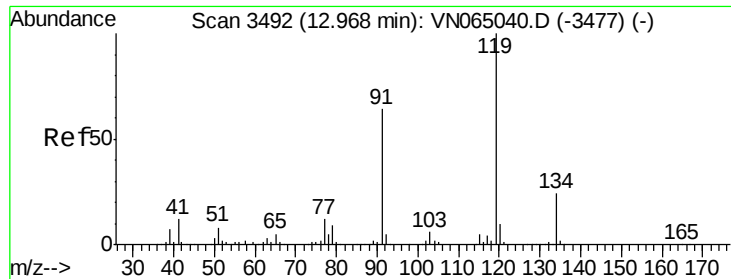
Tgt Ion: 75 Resp: 404
Ion Ratio Lower Upper
75 100
53 133.9 68.6 103.0#
89 15.6 36.2 54.4#



#82
4-Chlorotoluene
Concen: 0.715 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion: 91 Resp: 3617
Ion Ratio Lower Upper
91 100
126 31.7 17.3 52.0





#83

tert-Butylbenzene

Concen: 0.720 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

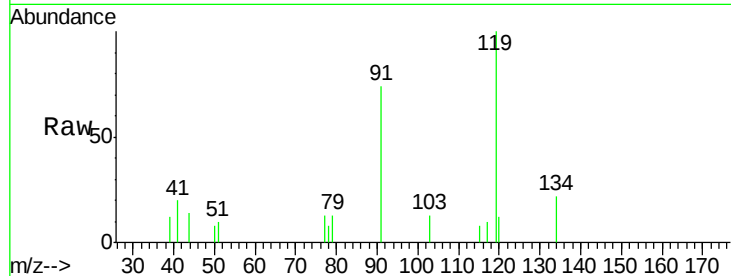
Tgt Ion:119 Resp: 3442

Ion Ratio Lower Upper

119 100

91 69.6 31.1 93.5

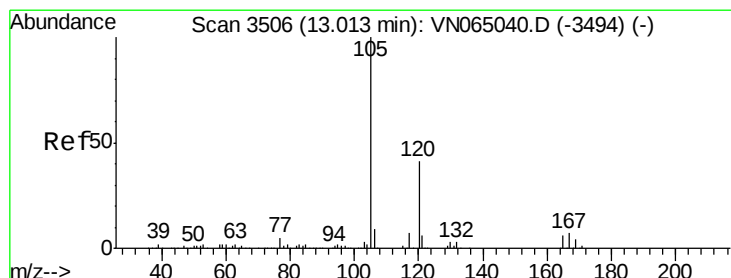
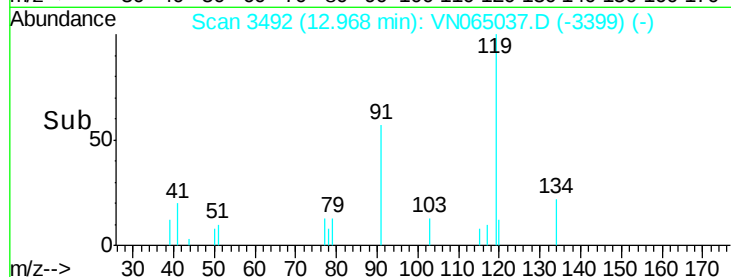
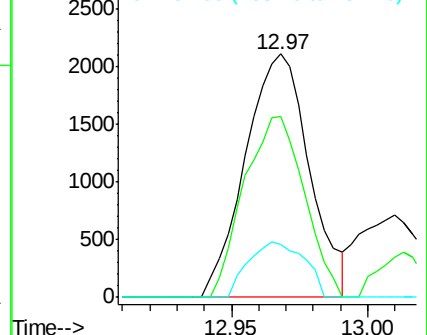
134 19.9 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.624 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN065037.D

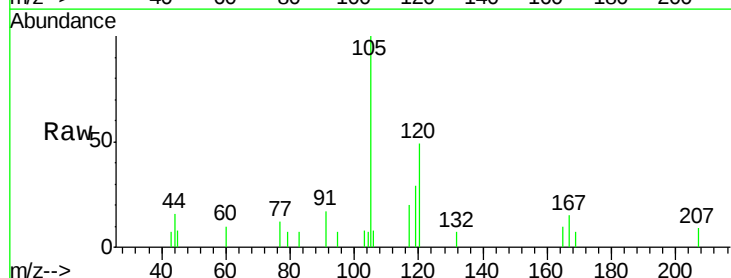
Acq: 10 Dec 2020 9:49

Tgt Ion:105 Resp: 3605

Ion Ratio Lower Upper

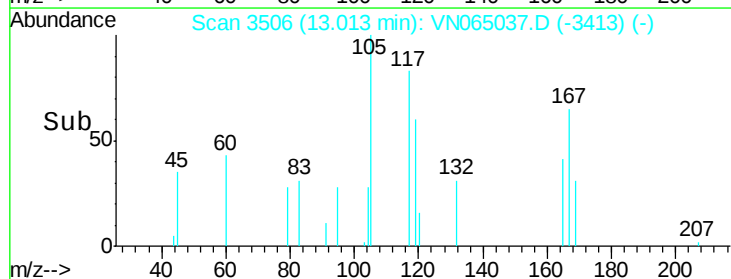
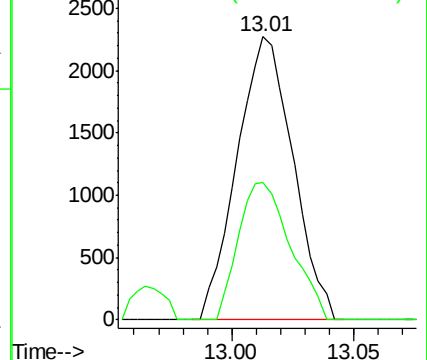
105 100

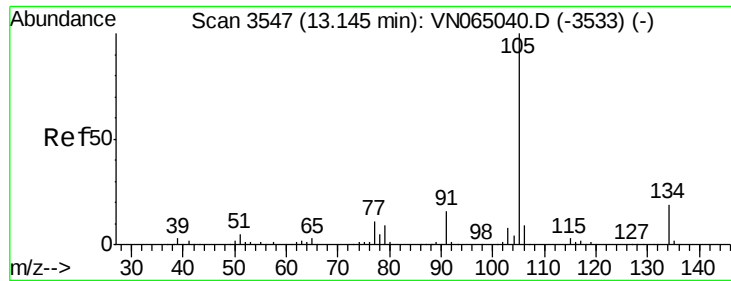
120 45.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

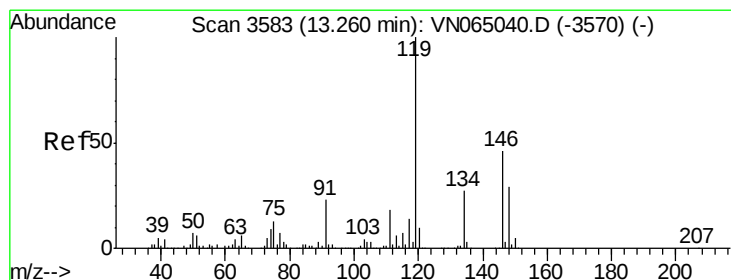
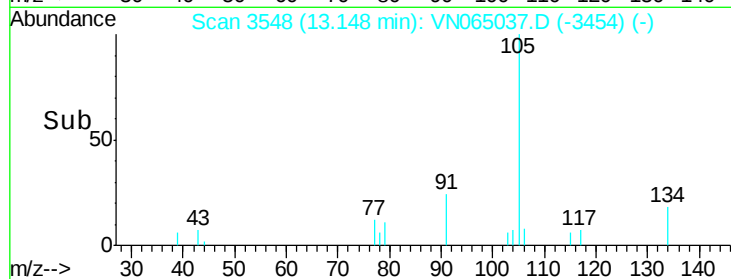
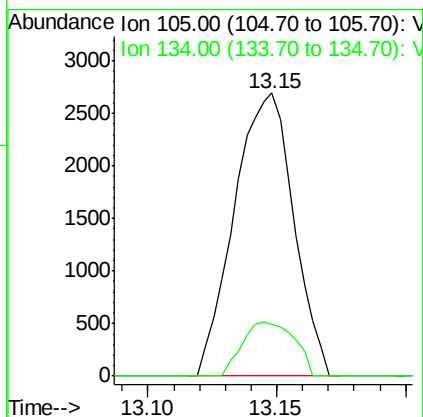
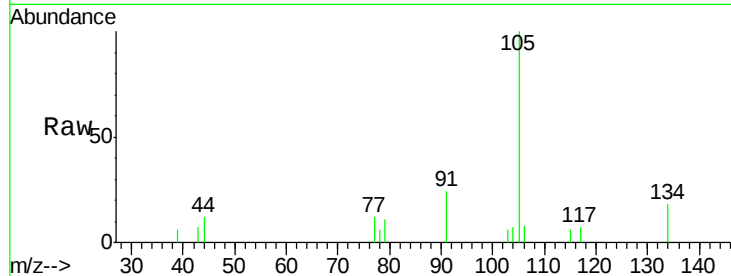




#85
 sec-Butylbenzene
 Concen: 0.683 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

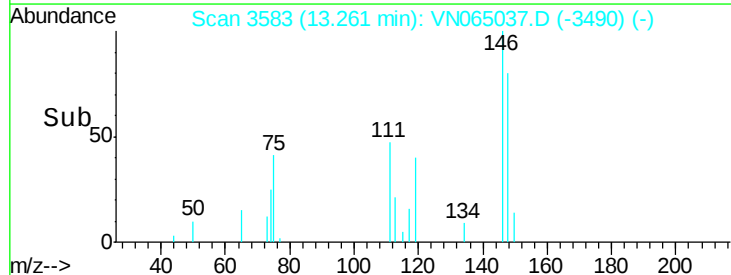
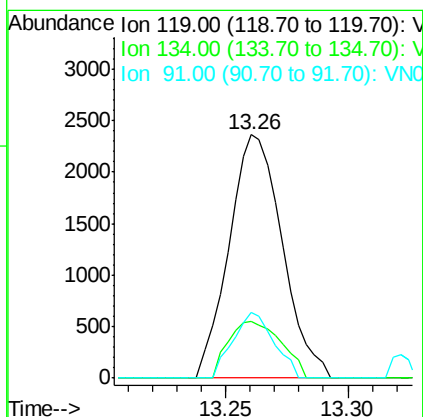
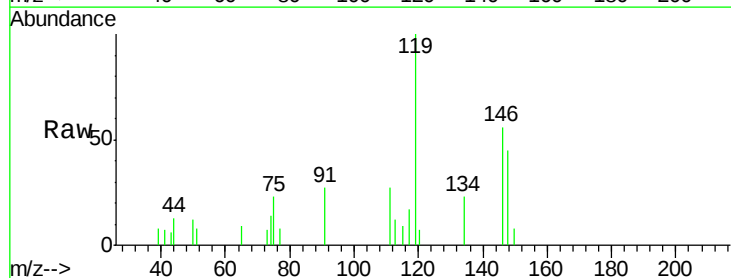
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

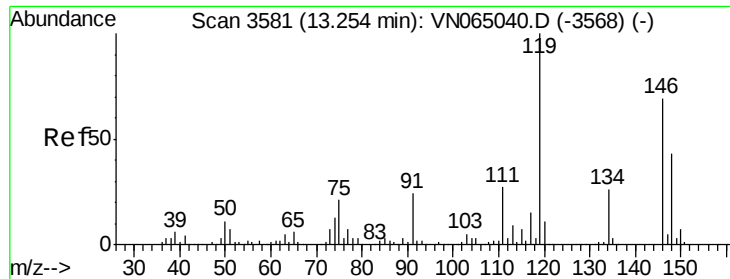
Tgt Ion:105 Resp: 4312
 Ion Ratio Lower Upper
 105 100
 134 16.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 0.620 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion:119 Resp: 3566
 Ion Ratio Lower Upper
 119 100
 134 23.3 13.0 38.9
 91 20.9 11.5 34.4

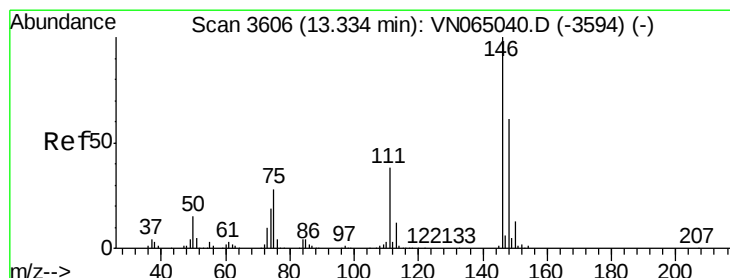
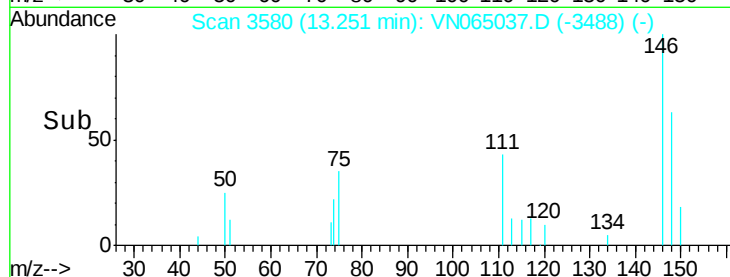
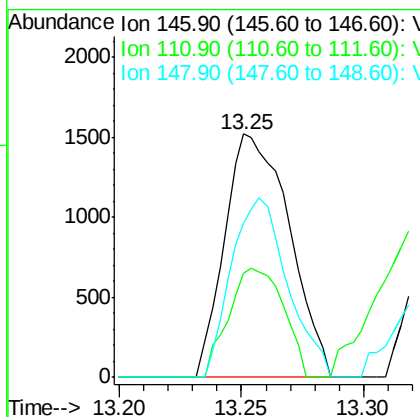
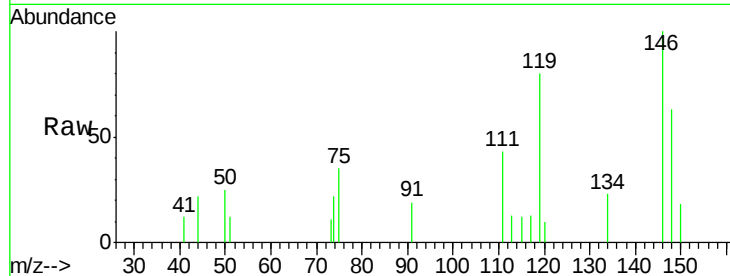




#87
 1,3-Dichlorobenzene
 Concen: 0.845 ug/l
 RT: 13.25 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

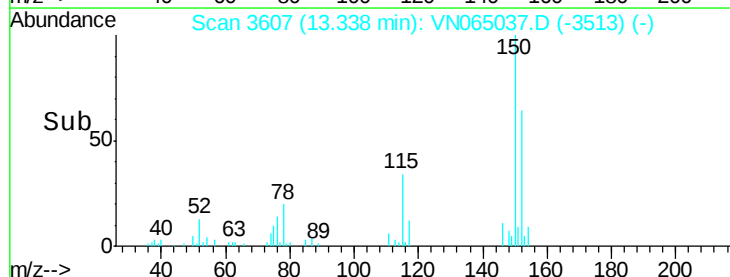
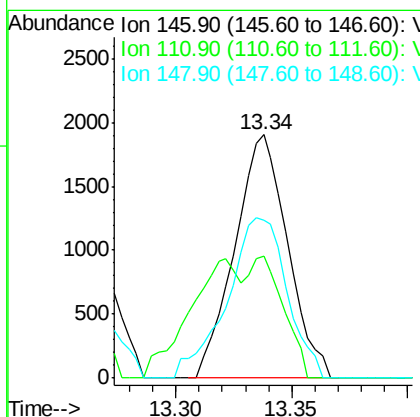
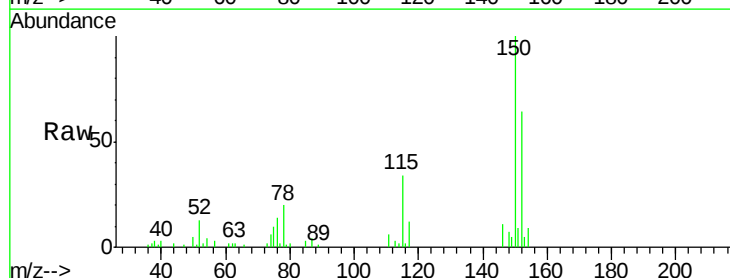
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

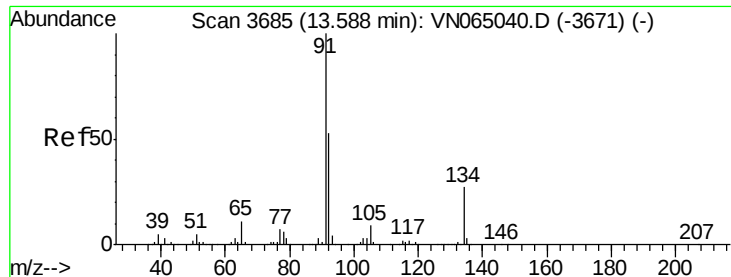
Tgt Ion:146 Resp: 2790
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.0 59.9
 148 64.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 0.864 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion:146 Resp: 3014
 Ion Ratio Lower Upper
 146 100
 111 47.2 19.2 57.6
 148 74.8 31.1 93.3





#89

n-Butylbenzene

Concen: 0.695 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

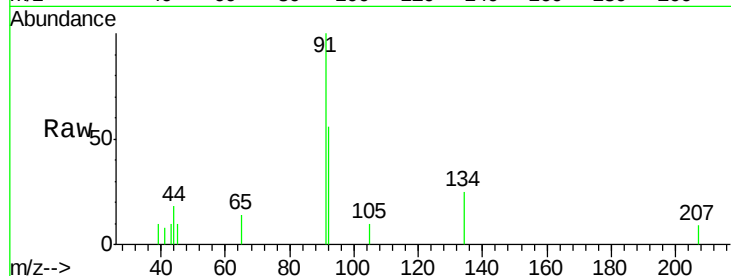
Tgt Ion: 91 Resp: 3490

Ion Ratio Lower Upper

91 100

92 46.7 25.9 77.8

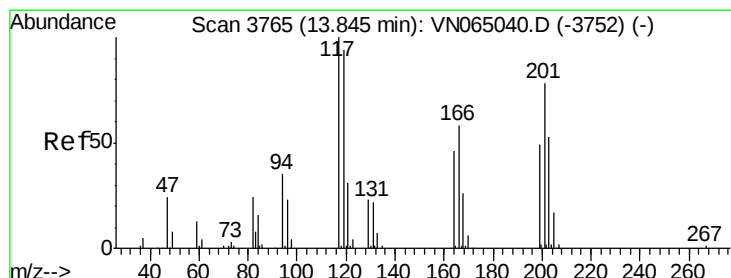
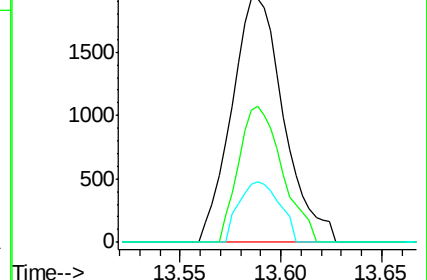
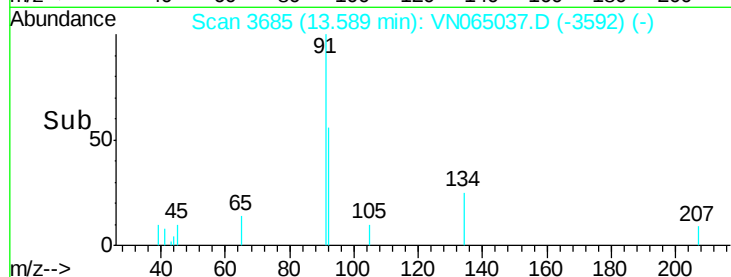
134 19.5 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VN065037.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN065037.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN065037.D (-3672) (-)



#90

Hexachloroethane

Concen: 1.007 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN065037.D

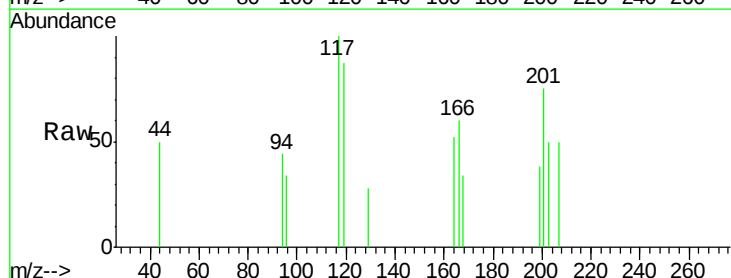
Acq: 10 Dec 2020 9:49

Tgt Ion: 117 Resp: 1012

Ion Ratio Lower Upper

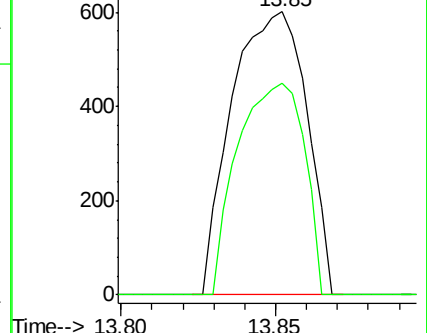
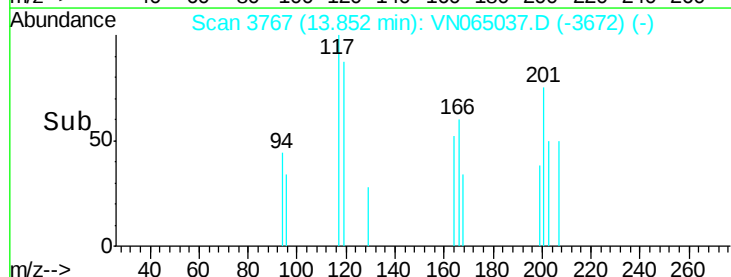
117 100

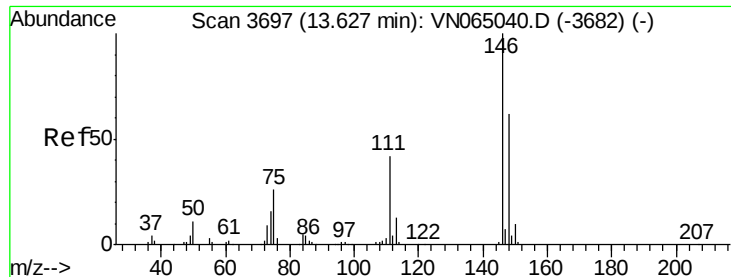
201 66.7 39.5 118.3



Abundance Ion 116.80 (116.50 to 117.50): VN065037.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN065037.D (-3672) (-)





#91

1,2-Dichlorobenzene

Concen: 0.966 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

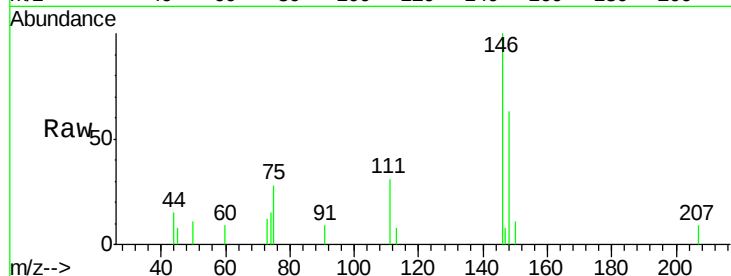
Tgt Ion:146 Resp: 3133

Ion Ratio Lower Upper

146 100

111 31.6 21.1 63.1

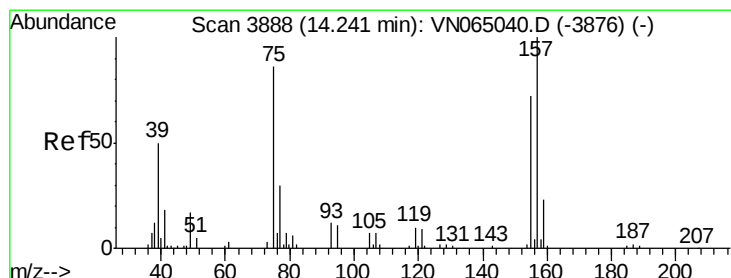
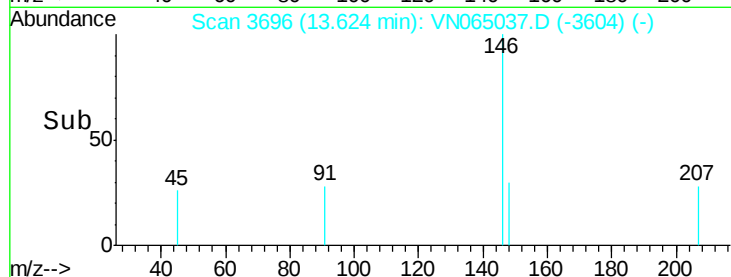
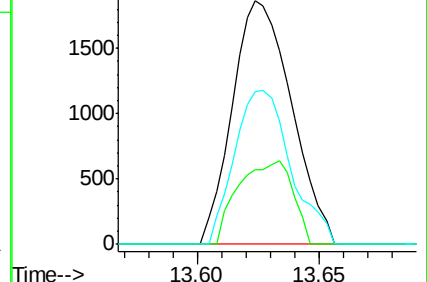
148 60.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.620 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN065037.D

Acq: 10 Dec 2020 9:49

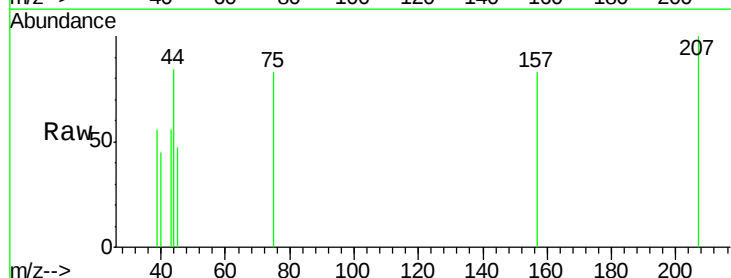
Tgt Ion: 75 Resp: 276

Ion Ratio Lower Upper

75 100

155 32.6 43.8 131.4#

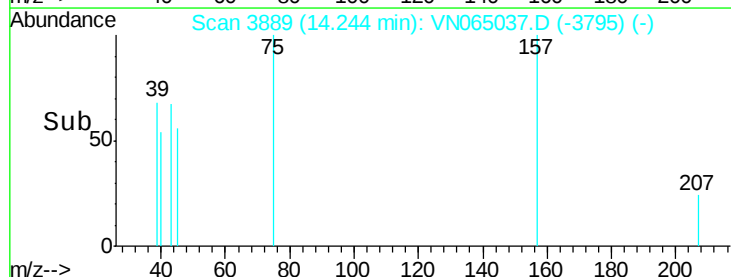
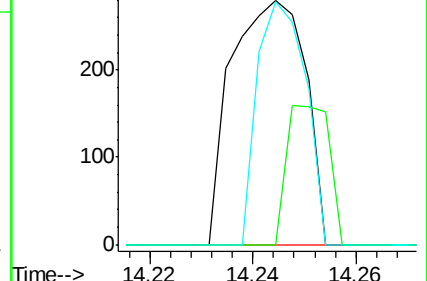
157 65.2 58.1 174.3

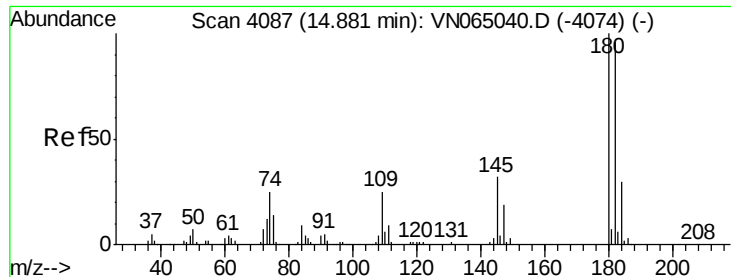


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

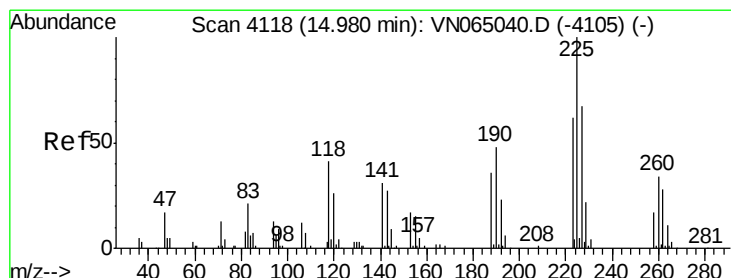
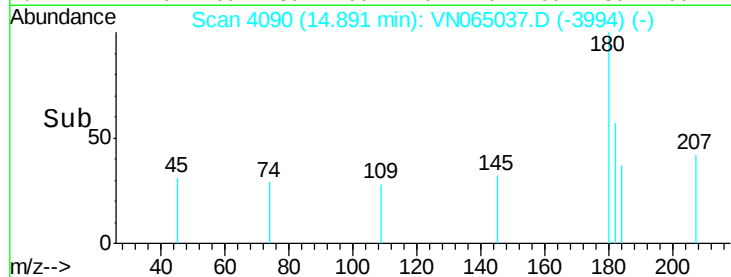
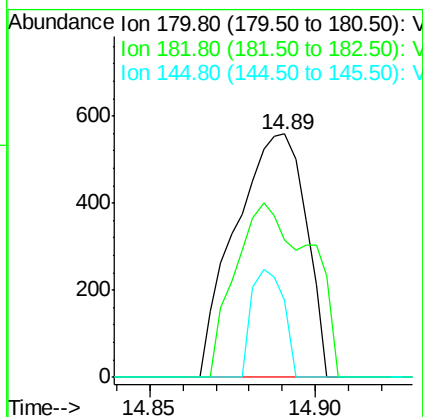
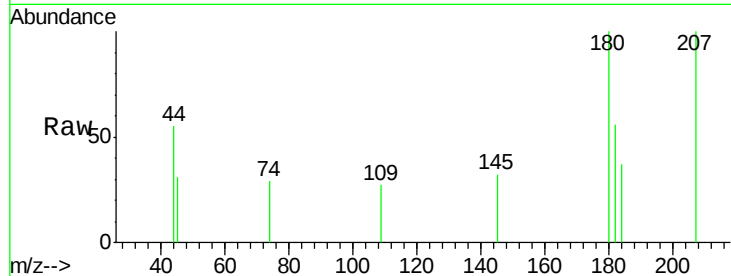




#93
 1,2,4-Trichlorobenzene
 Concen: 0.421 ug/l
 RT: 14.89 min Scan# 4090
 Delta R.T. 0.01 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

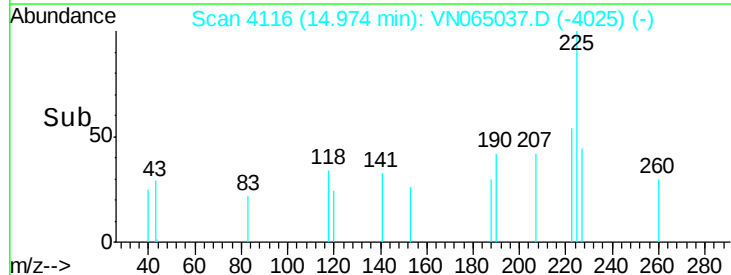
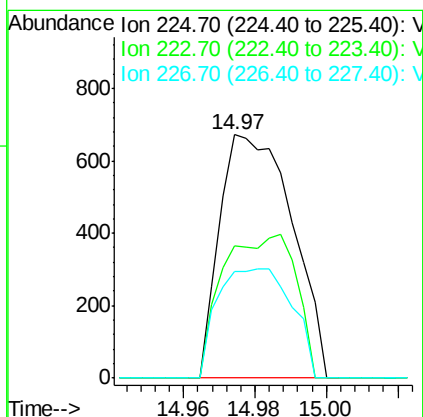
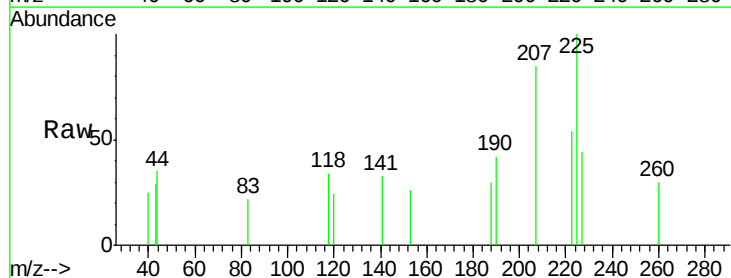
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

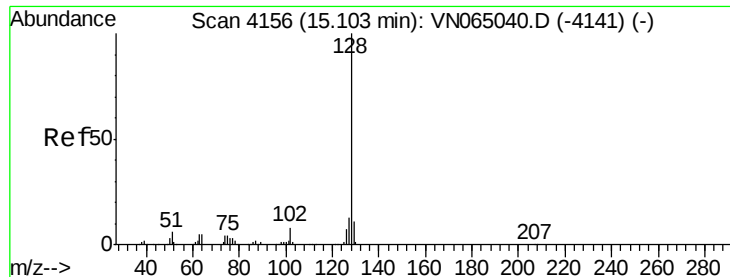
Tgt Ion:180 Resp: 826
 Ion Ratio Lower Upper
 180 100
 182 76.2 47.0 141.2
 145 20.2 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 0.940 ug/l
 RT: 14.97 min Scan# 4116
 Delta R.T. -0.01 min
 Lab File: VN065037.D
 Acq: 10 Dec 2020 9:49

Tgt Ion:225 Resp: 940
 Ion Ratio Lower Upper
 225 100
 223 59.4 31.4 94.0
 227 46.1 32.3 96.8

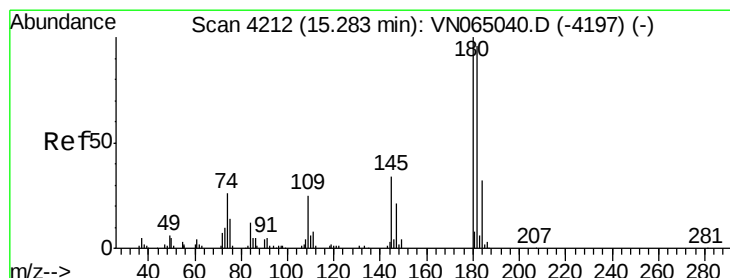
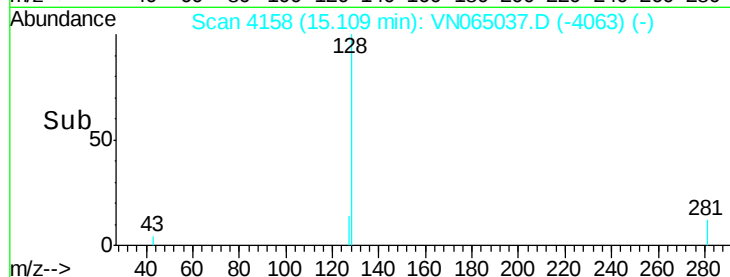
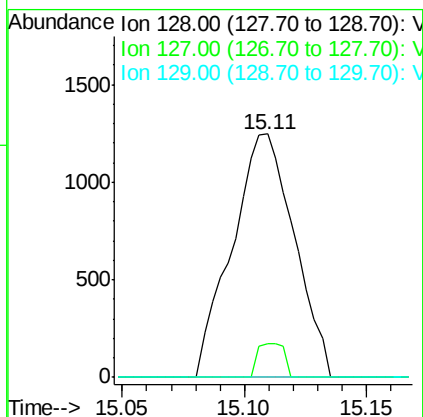
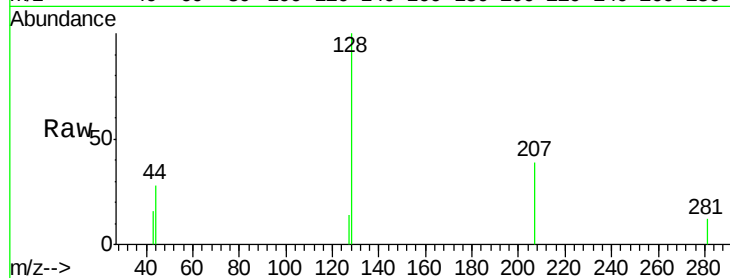




#95
Naphthalene
Concen: 0.377 ug/l
RT: 15.11 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 2207
Ion Ratio Lower Upper
128 100
127 5.8 10.2 15.2#
129 0.0 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.358 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN065037.D
Acq: 10 Dec 2020 9:49

Tgt Ion:180 Resp: 690
Ion Ratio Lower Upper
180 100
182 107.7 48.3 144.9
145 13.9 16.2 48.6#

