

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
 Data File : VN062062.D
 Acq On : 24 Jun 2020 13:46
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 24 15:07:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:04:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	290449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	515649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	4960	1.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.44%	
35) Dibromofluoromethane	7.54	113	3572	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	
50) Toluene-d8	10.06	98	13054	0.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.98%	
62) 4-Bromofluorobenzene	12.38	95	4331	0.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.94%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	3620	1.103 ug/l	88
3) Chloromethane	2.04	50	5206	1.205 ug/l	99
4) Vinyl Chloride	2.16	62	5876	1.137 ug/l	95
5) Bromomethane	2.53	94	5482	1.641 ug/l	85
6) Chloroethane	2.67	64	3797	1.075 ug/l	97
7) Trichlorofluoromethane	2.98	101	7564	1.187 ug/l	93
8) Diethyl Ether	3.37	74	2311	1.039 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	3675	1.102 ug/l #	69
10) Methyl Iodide	3.91	142	2947	0.784 ug/l #	85
11) Tert butyl alcohol	4.73	59	2998	5.123 ug/l #	87
12) 1,1-Dichloroethene	3.69	96	3534	1.060 ug/l	97
13) Acrolein	3.57	56	2911	5.081 ug/l	89
14) Allyl chloride	4.27	41	4885	1.076 ug/l #	85
15) Acrylonitrile	4.93	53	8100	5.079 ug/l #	89
16) Acetone	3.78	43	9770	6.689 ug/l	98
17) Carbon Disulfide	4.01	76	14485	1.361 ug/l	96
18) Methyl Acetate	4.28	43	4021	1.241 ug/l #	65
19) Methyl tert-butyl Ether	4.99	73	11003	1.032 ug/l	100
20) Methylene Chloride	4.50	84	5037	1.224 ug/l #	89
21) trans-1,2-Dichloroethene	4.97	96	1863	0.550 ug/l #	79
22) Diisopropyl ether	5.91	45	10711	1.036 ug/l #	96
23) Vinyl Acetate	5.84	43	40505	4.799 ug/l	97
24) 1,1-Dichloroethane	5.80	63	7471	1.122 ug/l #	82
25) 2-Butanone	6.79	43	10132	5.086 ug/l	99
26) 2,2-Dichloropropane	6.77	77	5827	1.050 ug/l	93
27) cis-1,2-Dichloroethene	6.77	96	3197	0.800 ug/l	40
28) Bromochloromethane	7.13	49	1271	0.493 ug/l #	1
29) Tetrahydrofuran	7.17	42	6216	4.763 ug/l	94
30) Chloroform	7.32	83	7700	1.137 ug/l	98
31) Cyclohexane	7.61	56	11797	2.095 ug/l #	43
32) 1,1,1-Trichloroethane	7.52	97	6015	1.053 ug/l #	49
36) 1,1-Dichloropropene	7.75	75	5799	1.119 ug/l	92
37) Ethyl Acetate	6.88	43	5027	1.171 ug/l #	74
38) Carbon Tetrachloride	7.73	117	5283	1.081 ug/l	92

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 VSTDIC001

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:04:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	6301	1.110	ug/l	96
40) Benzene	8.00	78	17242	1.091	ug/l	96
41) Methacrylonitrile	7.12	41	2251	1.131	ug/l #	21
42) 1,2-Dichloroethane	8.08	62	5573	1.044	ug/l	85
43) Isopropyl Acetate	8.12	43	6866	0.981	ug/l	94
44) Trichloroethene	8.80	130	4406	1.106	ug/l	94
45) 1,2-Dichloropropane	9.08	63	4212	1.081	ug/l	94
46) Dibromomethane	9.17	93	2773	1.049	ug/l	96
47) Bromodichloromethane	9.36	83	5493	1.030	ug/l	89
48) Methyl methacrylate	9.17	41	3033	0.967	ug/l	91
49) 1,4-Dioxane	9.16	88	1160	16.675	ug/l #	78
51) 4-Methyl-2-Pentanone	9.95	43	17752	4.343	ug/l	99
52) Toluene	10.12	92	9183	0.953	ug/l	88
53) t-1,3-Dichloropropene	10.35	75	5531	0.942	ug/l #	87
54) cis-1,3-Dichloropropene	9.81	75	5746	0.919	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	3649	0.963	ug/l	93
56) Ethyl methacrylate	10.40	69	4064	0.804	ug/l	93
57) 1,3-Dichloropropane	10.68	76	6459	0.990	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.66	63	6278	3.306	ug/l	98
59) 2-Hexanone	10.72	43	11860	4.018	ug/l	96
60) Dibromochloromethane	10.87	129	3911	0.975	ug/l	97
61) 1,2-Dibromoethane	10.98	107	3915	1.006	ug/l	96
64) Tetrachloroethene	10.60	164	3625	1.149	ug/l	88
65) Chlorobenzene	11.40	112	11363	1.121	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.48	131	3524	1.005	ug/l #	56
67) Ethyl Benzene	11.48	91	16785	0.980	ug/l	99
68) m/p-Xylenes	11.59	106	12434	1.877	ug/l	95
69) o-Xylene	11.92	106	5914	0.946	ug/l	96
70) Styrene	11.94	104	8938	0.858	ug/l	99
71) Bromoform	12.10	173	2226	0.893	ug/l #	95
73) Isopropylbenzene	12.22	105	14507	1.035	ug/l	97
74) N-amyl acetate	12.05	43	3666	0.800	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	5549	1.190	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	6235	1.378	ug/l #	100
77) Bromobenzene	12.50	156	3953	1.136	ug/l	89
78) n-propylbenzene	12.56	91	16883	1.053	ug/l	97
79) 2-Chlorotoluene	12.65	91	10356	1.068	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	10758	0.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	1171	0.802	ug/l #	67
82) 4-Chlorotoluene	12.75	91	10200	1.018	ug/l	91
83) tert-Butylbenzene	12.97	119	10006	1.029	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	10541	0.929	ug/l	99
85) sec-Butylbenzene	13.15	105	12515	0.974	ug/l	98
86) p-Isopropyltoluene	13.26	119	10077	0.895	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	6672	1.092	ug/l	97
88) 1,4-Dichlorobenzene	13.26	146	6672	1.084	ug/l	97
89) n-Butylbenzene	13.59	91	8943	0.955	ug/l	97
90) Hexachloroethane	13.85	117	2381	1.078	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	6399	1.080	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	695	0.930	ug/l	88

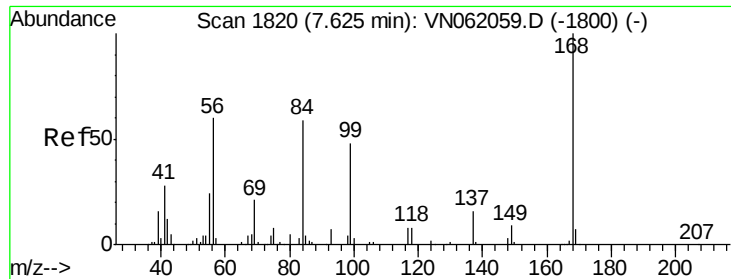
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062420\
Data File : VN062062.D
Acq On : 24 Jun 2020 13:46
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Sample : VSTDICC001
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MSVOA_N
ClientSampleId :
VSTDICC001

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	2511	0.970	ug/l	89
94) Hexachlorobutadiene	14.99	225	1265	1.125	ug/l	91
95) Naphthalene	15.11	128	7193	0.953	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	2741	1.036	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

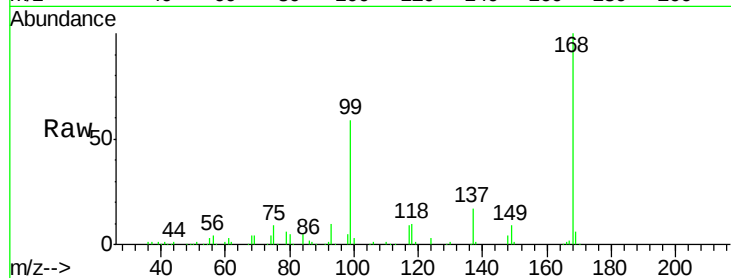
VSTDIC001

Tgt Ion:168 Resp: 290449

Ion Ratio Lower Upper

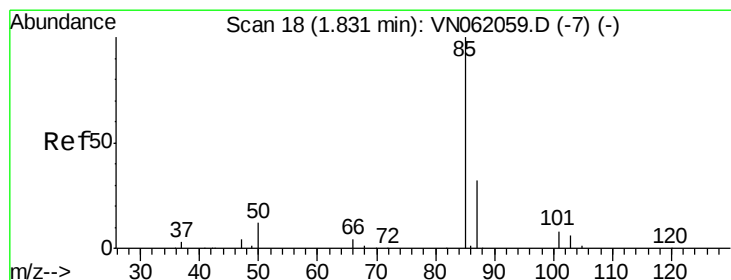
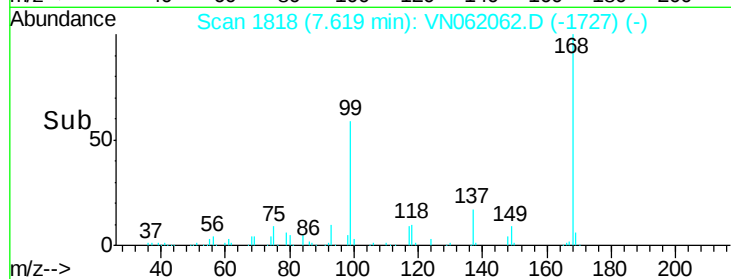
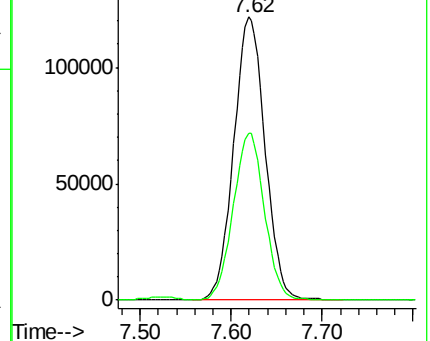
168 100

99 58.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.103 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062062.D

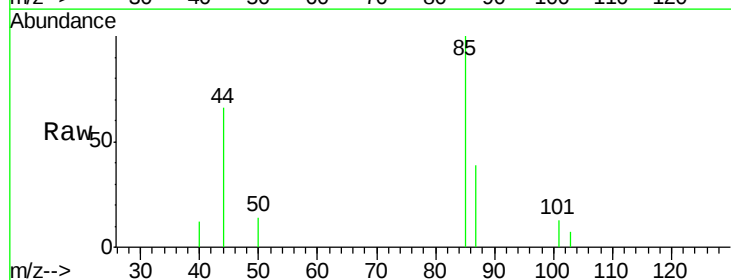
Acq: 24 Jun 2020 13:46

Tgt Ion: 85 Resp: 3620

Ion Ratio Lower Upper

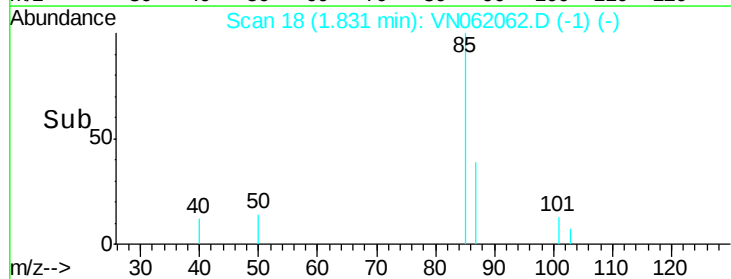
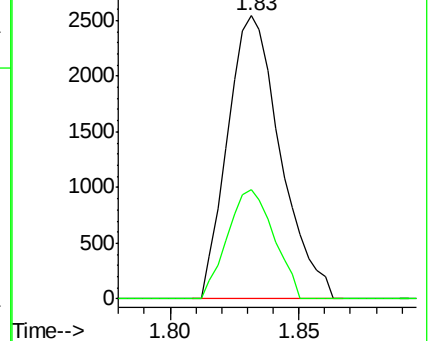
85 100

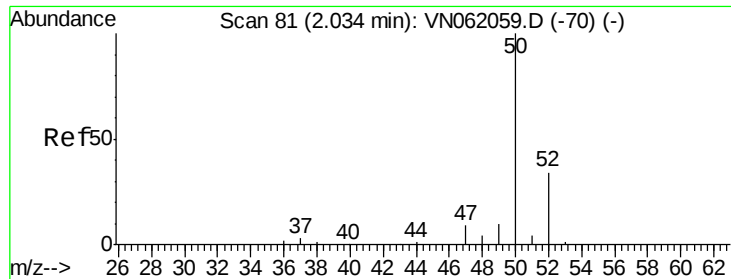
87 38.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

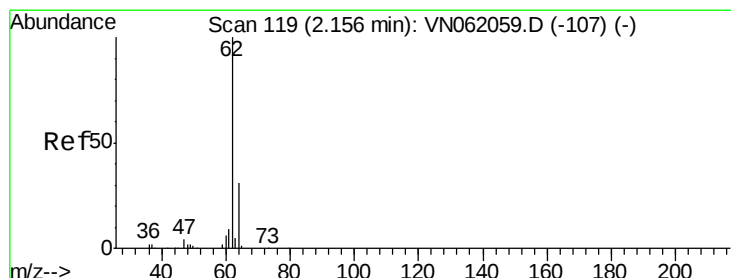
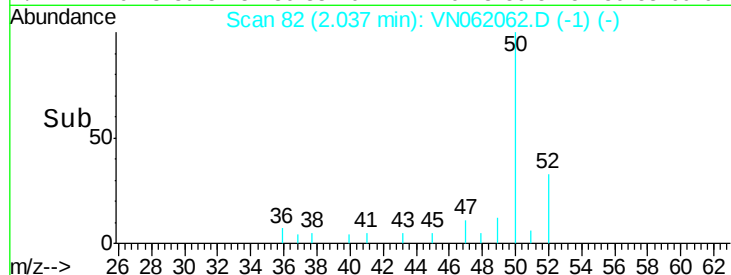
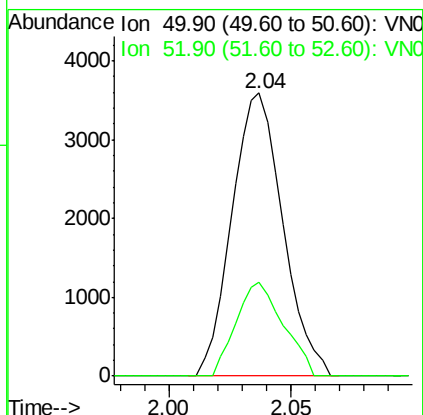
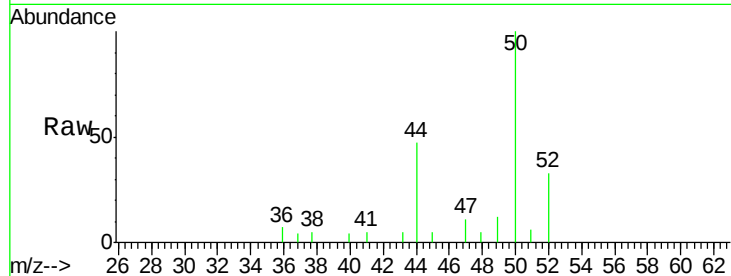




#3
 Chloromethane
 Concen: 1.205 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

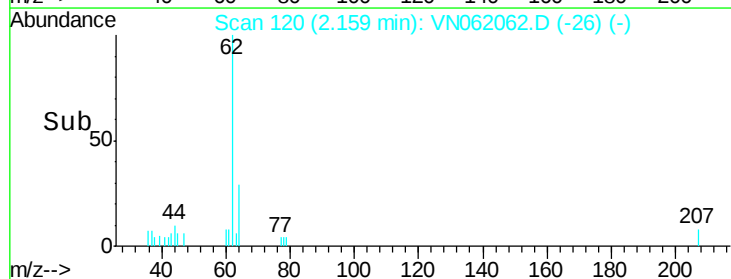
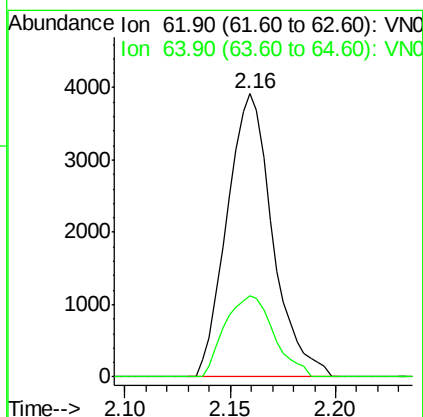
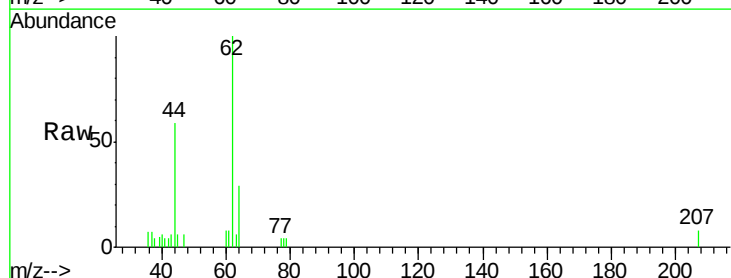
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

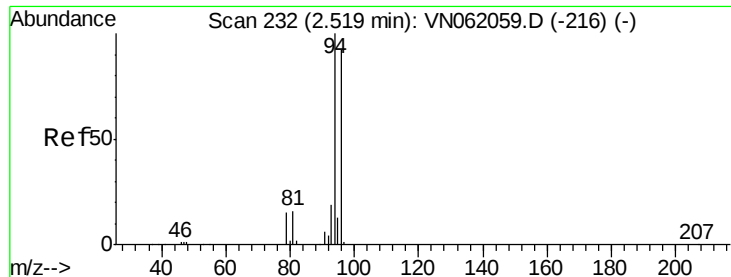
Tgt Ion: 50 Resp: 5206
 Ion Ratio Lower Upper
 50 100
 52 33.0 27.0 40.6



#4
 Vinyl Chloride
 Concen: 1.137 ug/l
 RT: 2.16 min Scan# 120
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 62 Resp: 5876
 Ion Ratio Lower Upper
 62 100
 64 28.6 25.1 37.7





#5

Bromomethane

Concen: 1.641 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

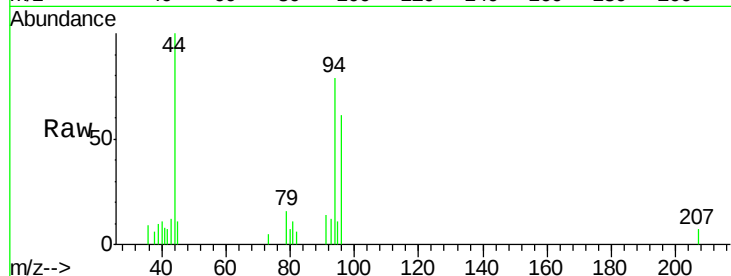
VSTDIC001

Tgt Ion: 94 Resp: 5482

Ion Ratio Lower Upper

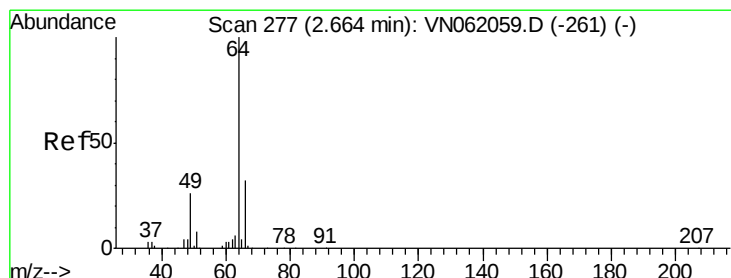
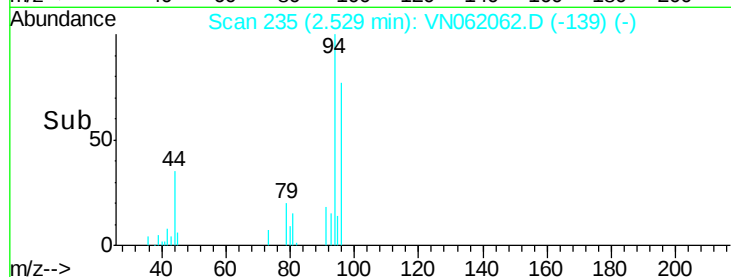
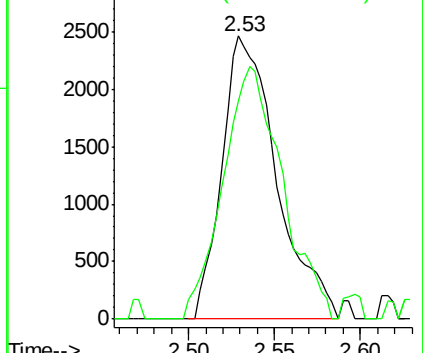
94 100

96 77.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D

Ion 95.90 (95.60 to 96.60): VN062059.D



#6

Chloroethane

Concen: 1.075 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062062.D

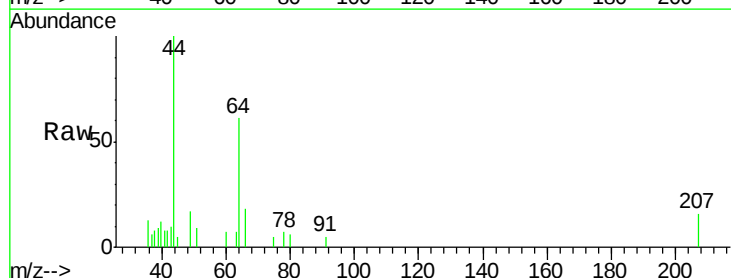
Acq: 24 Jun 2020 13:46

Tgt Ion: 64 Resp: 3797

Ion Ratio Lower Upper

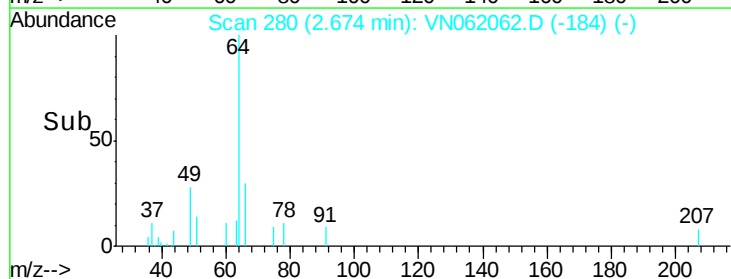
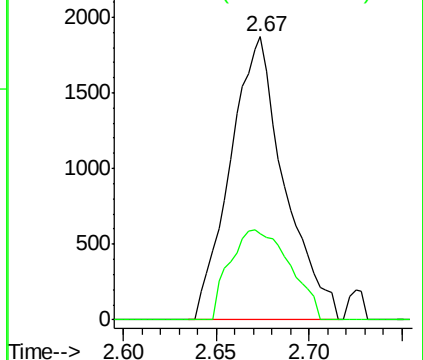
64 100

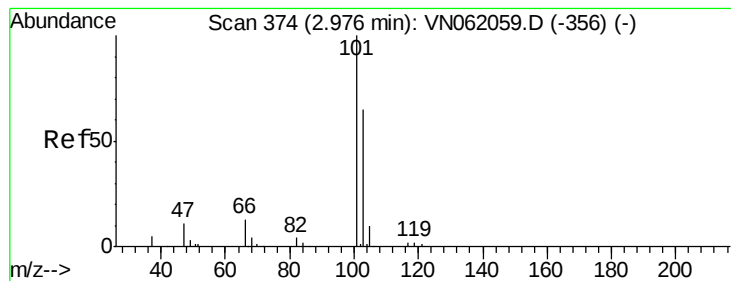
66 30.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D

Ion 65.90 (65.60 to 66.60): VN062059.D



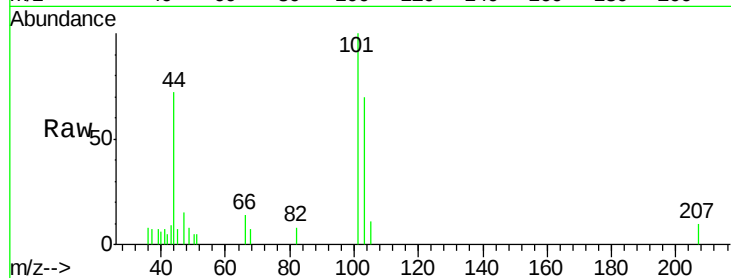


#7

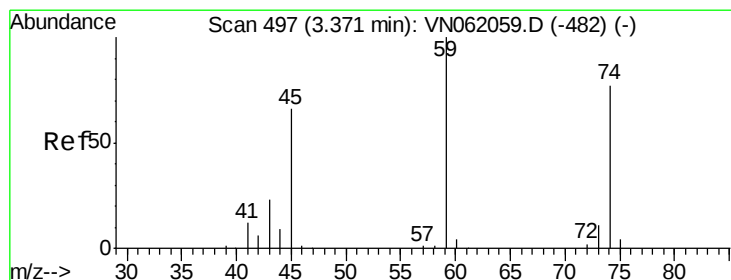
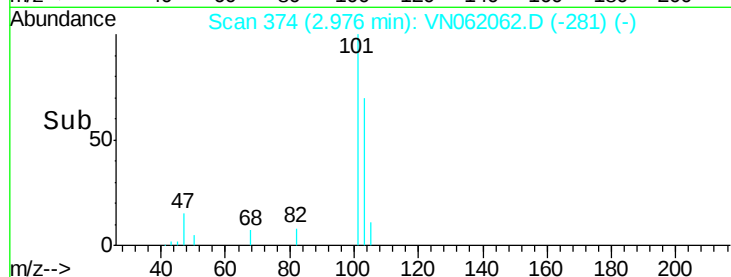
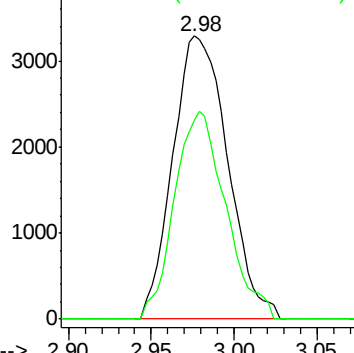
Trichlorofluoromethane
Concen: 1.187 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 7564
Ion Ratio Lower Upper
101 100
103 70.3 51.8 77.6



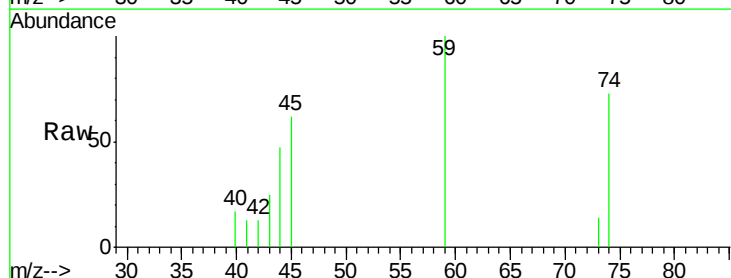
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



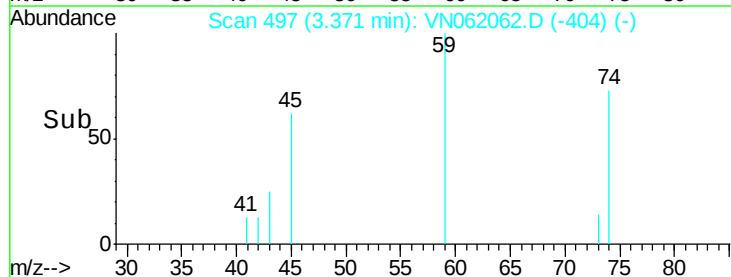
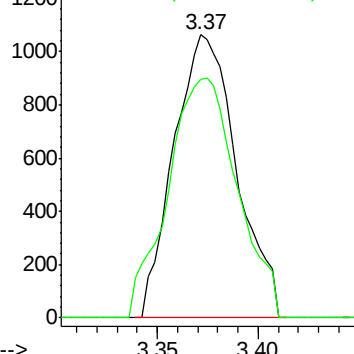
#8

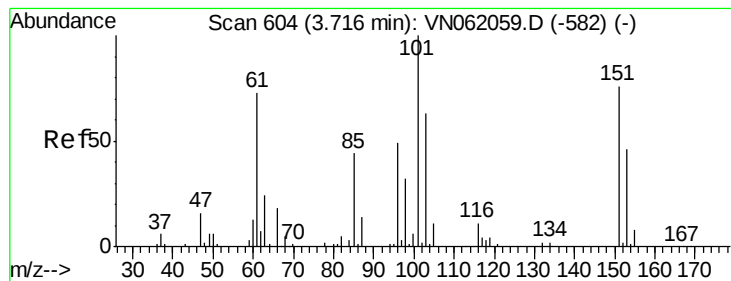
Diethyl Ether
Concen: 1.039 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 74 Resp: 2311
Ion Ratio Lower Upper
74 100
45 93.5 42.5 127.5



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.102 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

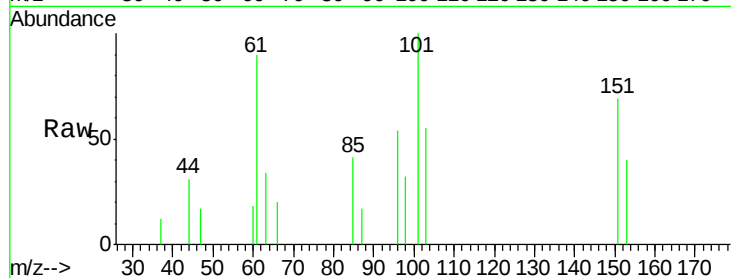
Tgt Ion:101 Resp: 3675

Ion Ratio Lower Upper

101 100

85 30.5 34.5 51.7#

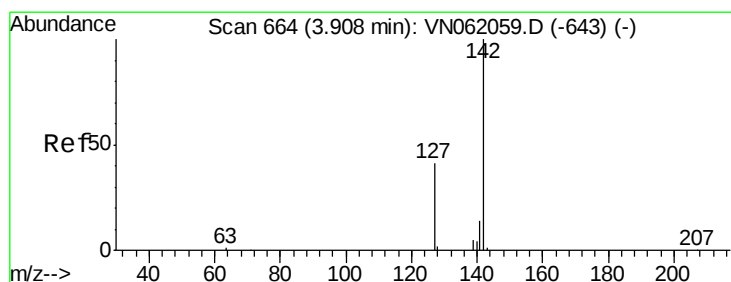
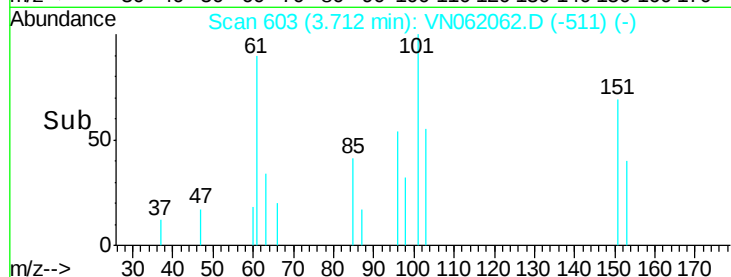
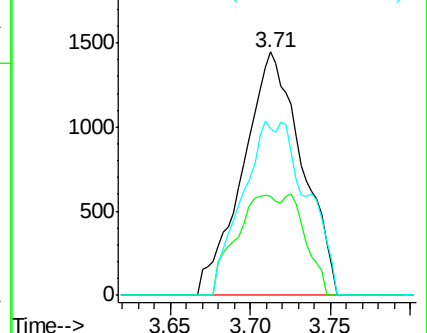
151 41.2 57.8 86.8#



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



#10

Methyl Iodide

Concen: 0.784 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

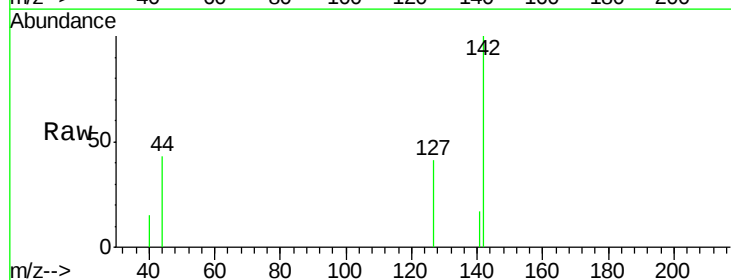
Tgt Ion:142 Resp: 2947

Ion Ratio Lower Upper

142 100

127 33.5 33.6 50.4#

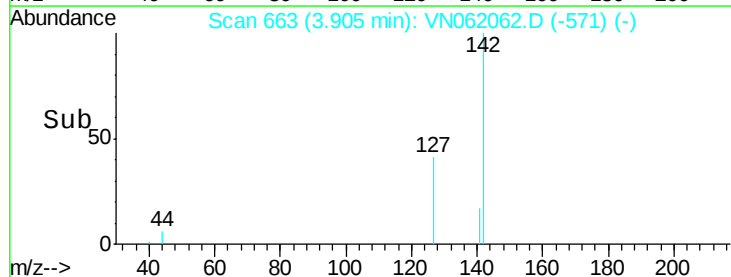
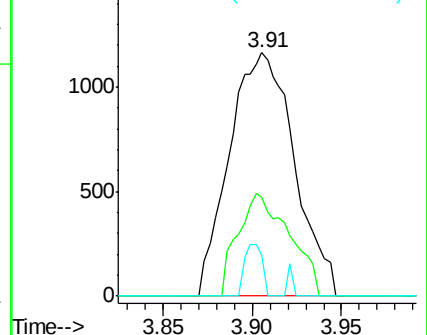
141 5.7 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 5.123 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

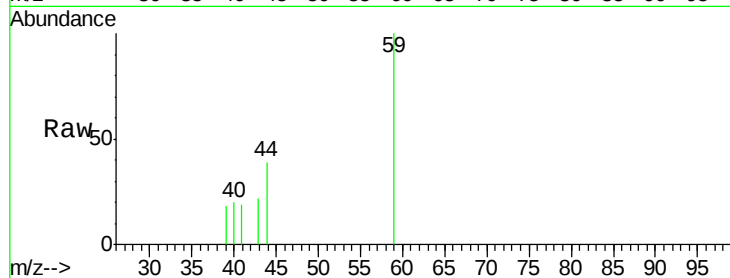
VSTDIC001

Tgt Ion: 59 Resp: 2998

Ion Ratio Lower Upper

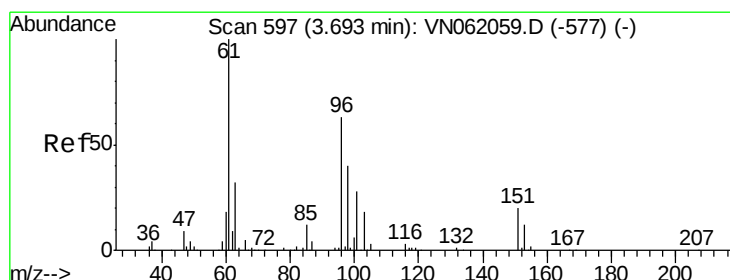
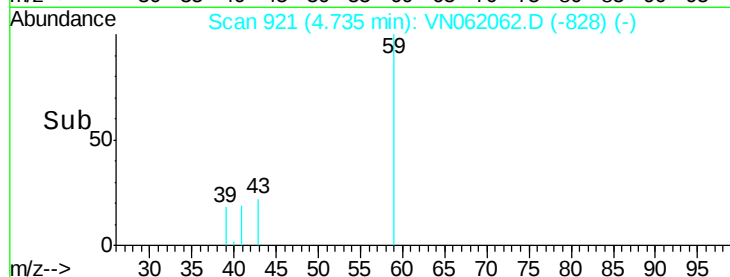
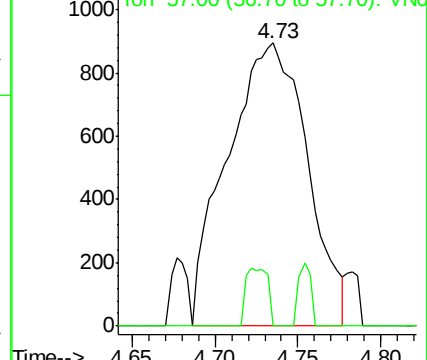
59 100

57 5.6 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN062059.D (-895) (-)

Ion 57.00 (56.70 to 57.70): VN062059.D (-895) (-)



#12

1,1-Dichloroethene

Concen: 1.060 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

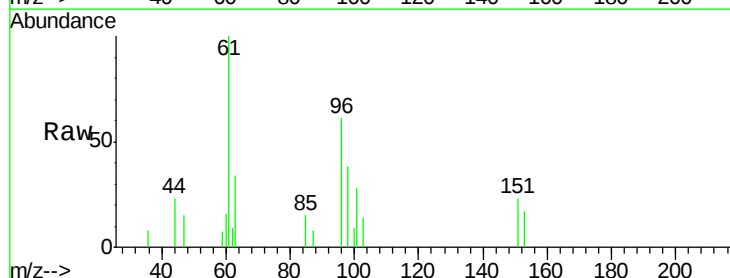
Tgt Ion: 96 Resp: 3534

Ion Ratio Lower Upper

96 100

61 163.4 126.7 190.1

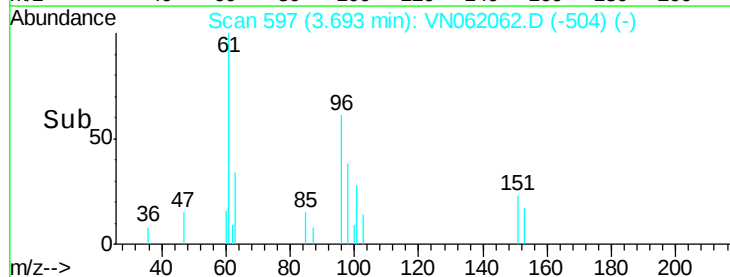
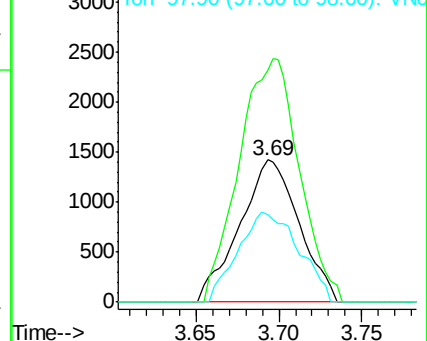
98 61.7 51.0 76.4

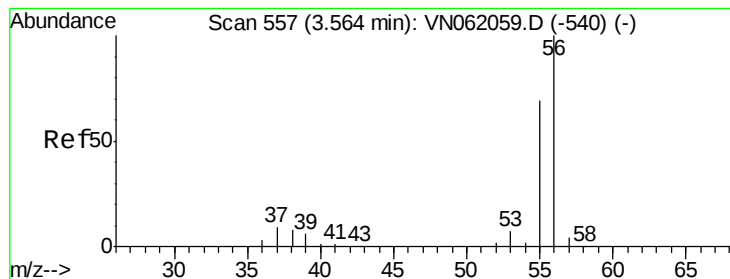


Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-577) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-577) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-577) (-)





#13

Acrolein

Concen: 5.081 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

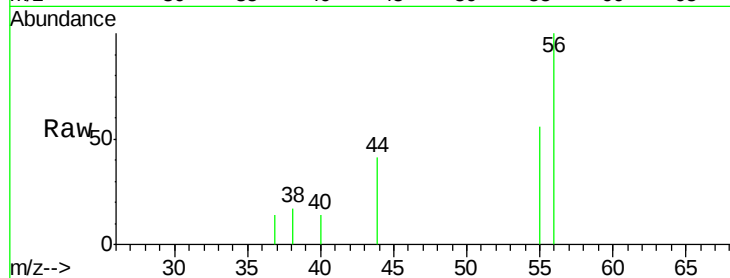
VSTDIC001

Tgt Ion: 56 Resp: 2911

Ion Ratio Lower Upper

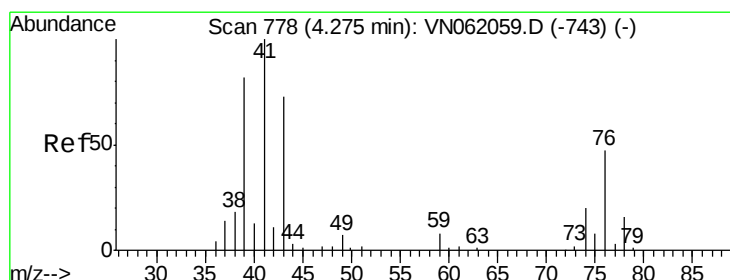
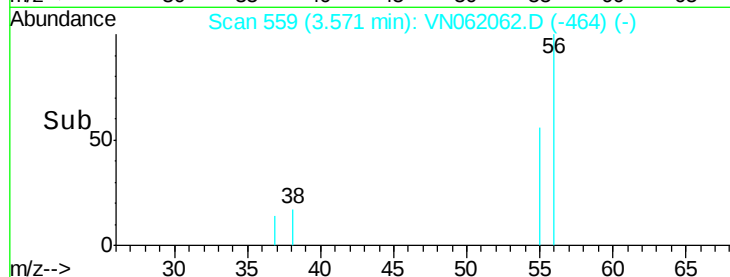
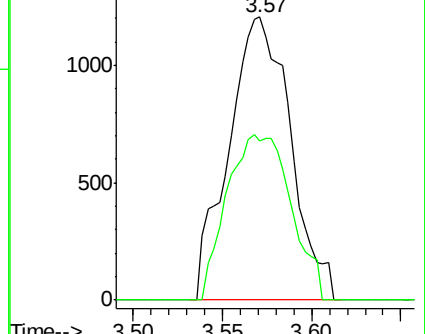
56 100

55 60.4 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)



#14

Allyl chloride

Concen: 1.076 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

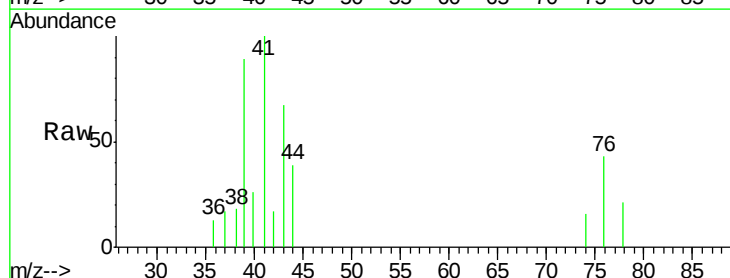
Tgt Ion: 41 Resp: 4885

Ion Ratio Lower Upper

41 100

39 85.1 60.0 90.0

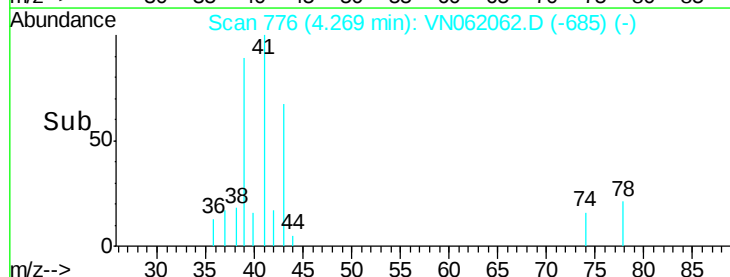
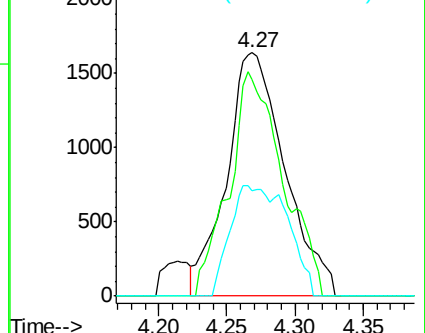
76 29.2 34.1 51.1#



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)





#15

Acrylonitrile

Concen: 5.079 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

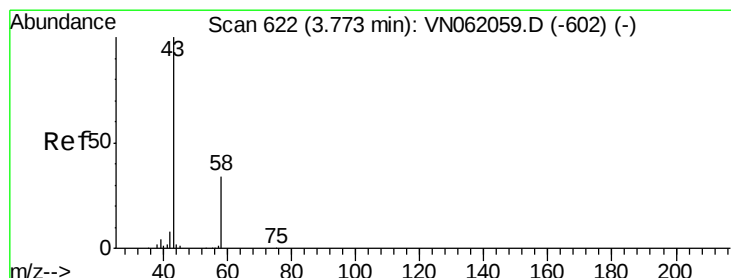
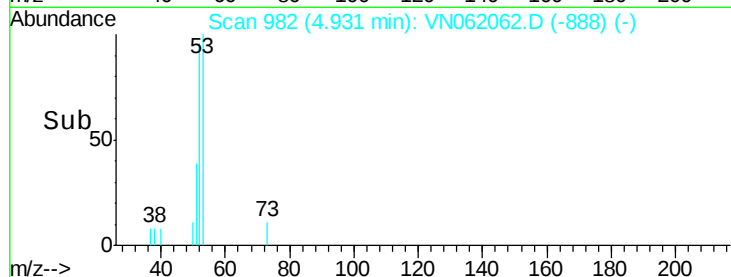
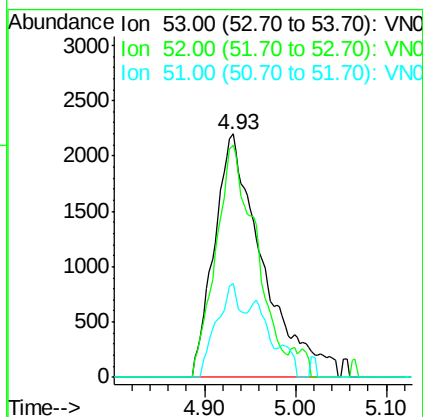
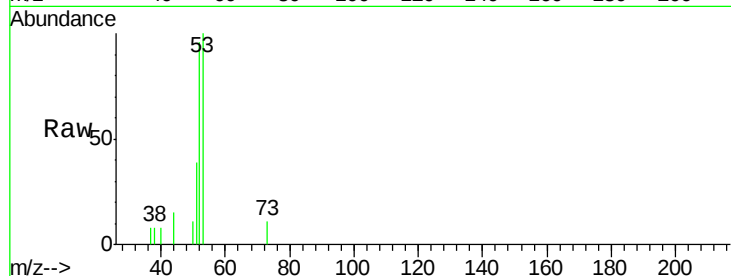
Tgt Ion: 53 Resp: 8100

Ion Ratio Lower Upper

53 100

52 80.0 66.2 99.4

51 19.6 28.9 43.3#



#16

Acetone

Concen: 6.689 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062062.D

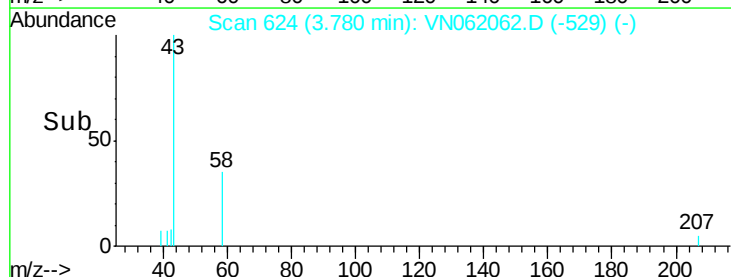
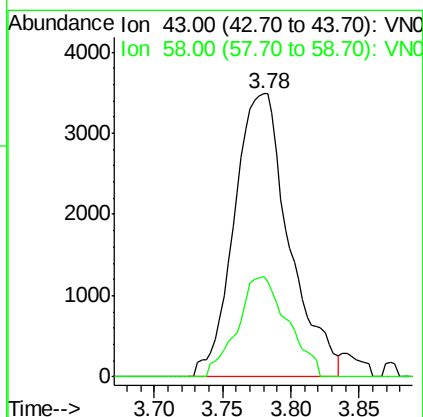
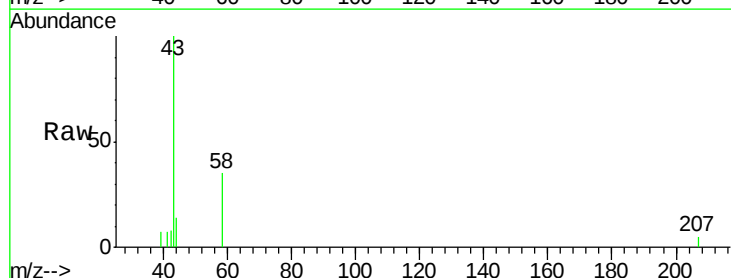
Acq: 24 Jun 2020 13:46

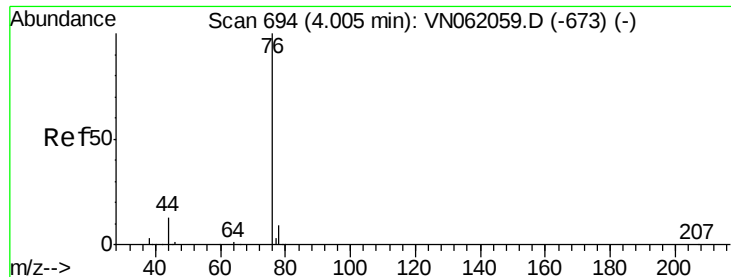
Tgt Ion: 43 Resp: 9770

Ion Ratio Lower Upper

43 100

58 35.4 27.5 41.3





#17

Carbon Disulfide

Concen: 1.361 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

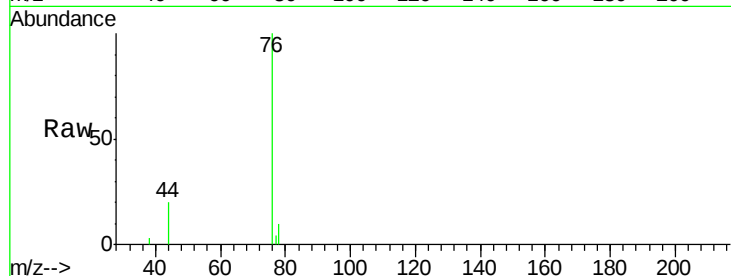
VSTDIC001

Tgt Ion: 76 Resp: 14485

Ion Ratio Lower Upper

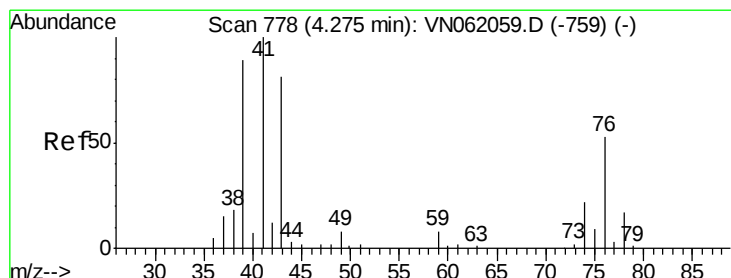
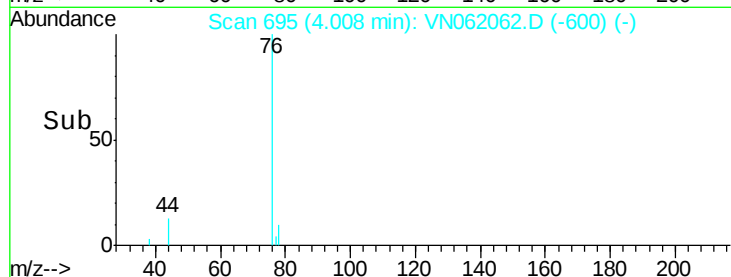
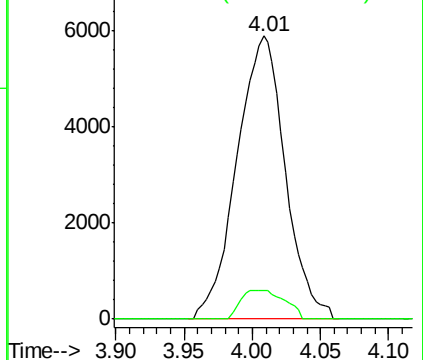
76 100

78 10.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)



#18

Methyl Acetate

Concen: 1.241 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062062.D

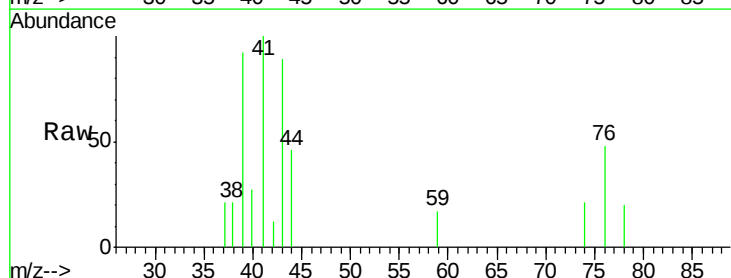
Acq: 24 Jun 2020 13:46

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

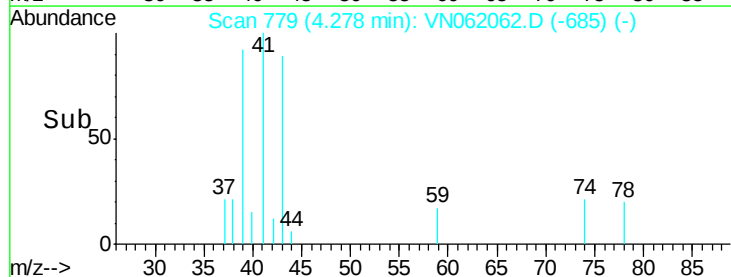
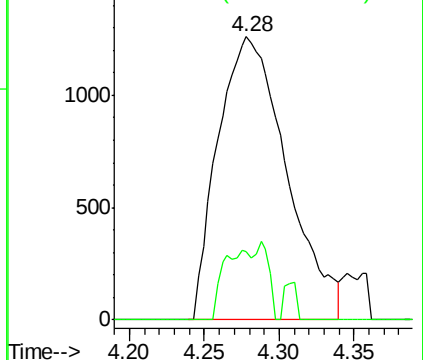
43 100

74 10.3 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)



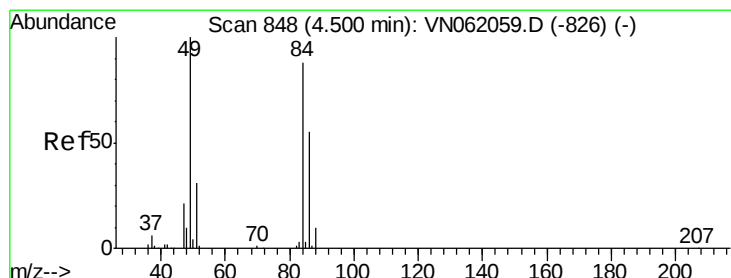
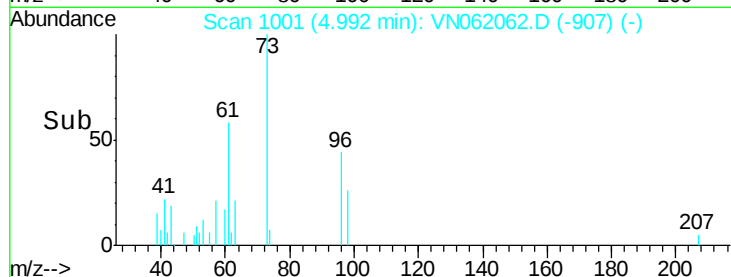
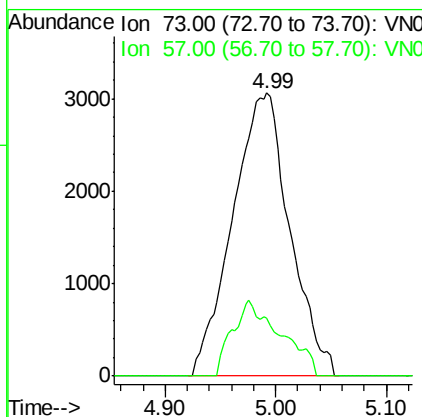
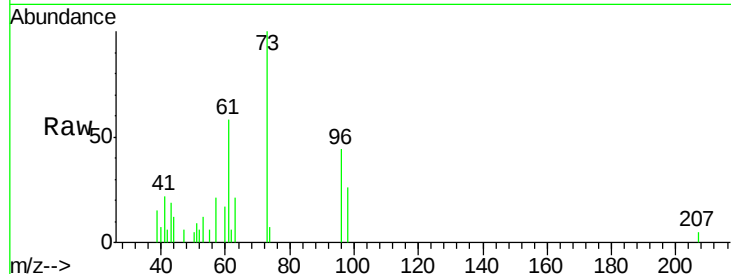


#19

Methyl tert-butyl Ether
 Concen: 1.032 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

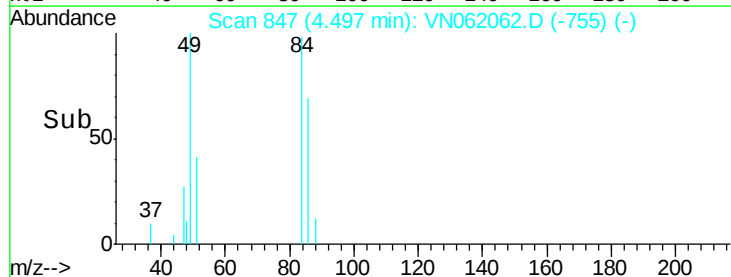
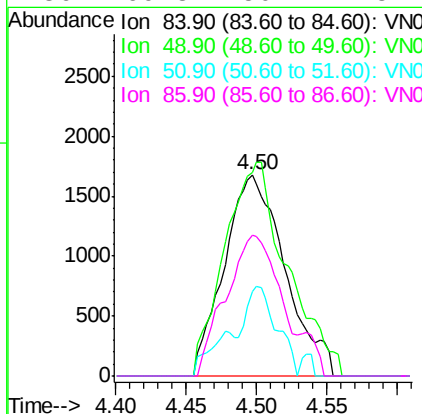
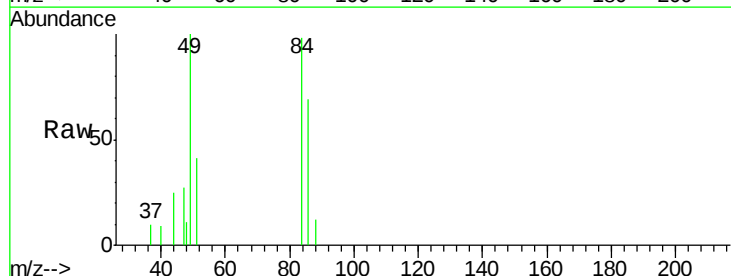
Tgt Ion: 73 Resp: 11003
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.6 24.8



#20

Methylene Chloride
 Concen: 1.224 ug/l
 RT: 4.50 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 84 Resp: 5037
 Ion Ratio Lower Upper
 84 100
 49 101.6 90.6 136.0
 51 42.0 27.8 41.8#
 86 69.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 0.550 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

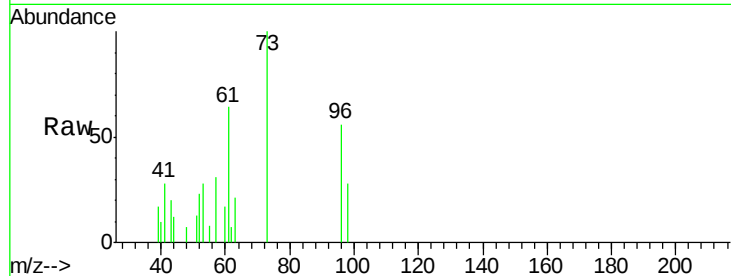
Tgt Ion: 96 Resp: 1863

Ion Ratio Lower Upper

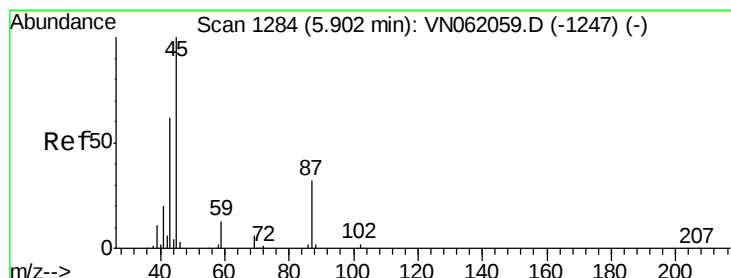
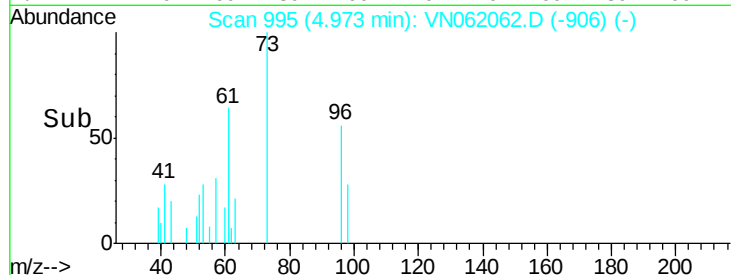
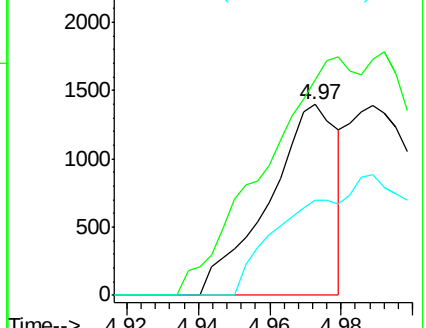
96 100

61 100.1 101.4 152.2#

98 49.9 49.3 73.9



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



#22

Diisopropyl ether

Concen: 1.036 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion: 45 Resp: 10711

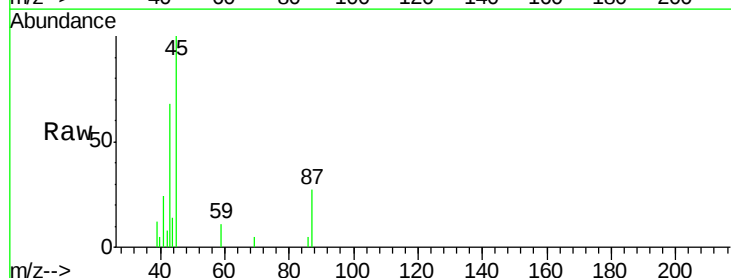
Ion Ratio Lower Upper

45 100

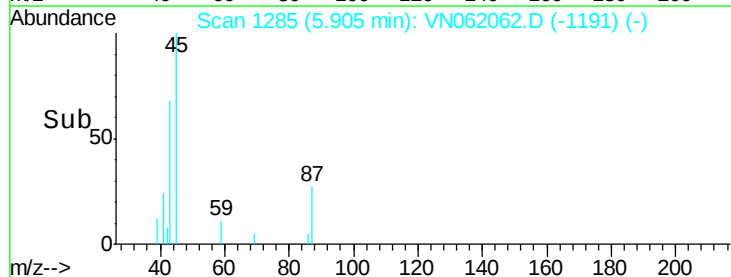
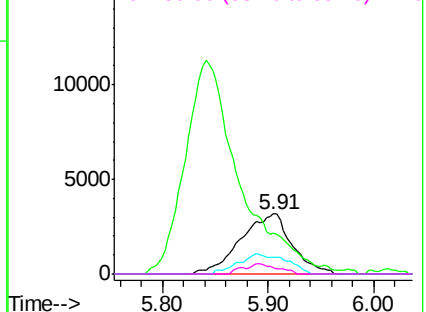
43 61.6 49.7 74.5

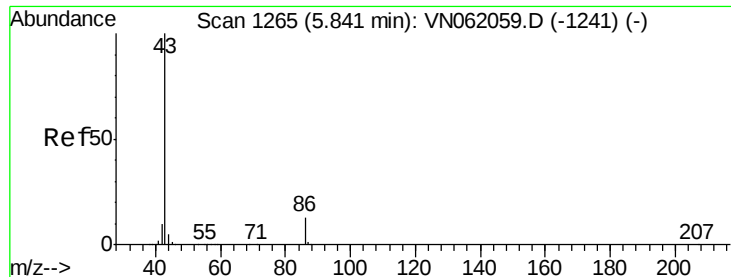
87 27.2 25.9 38.9

59 10.6 10.6 16.0#



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

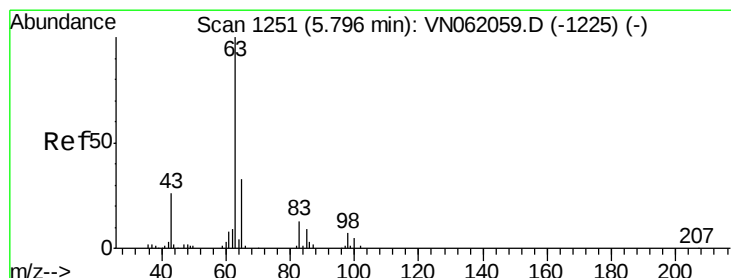
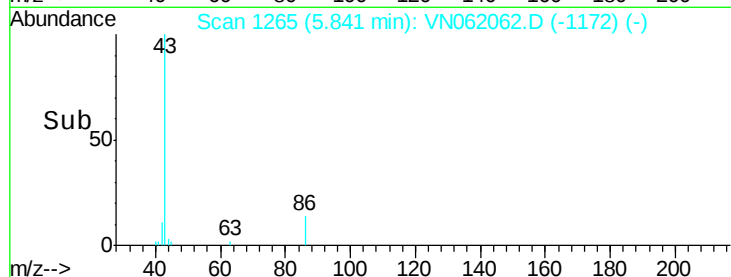
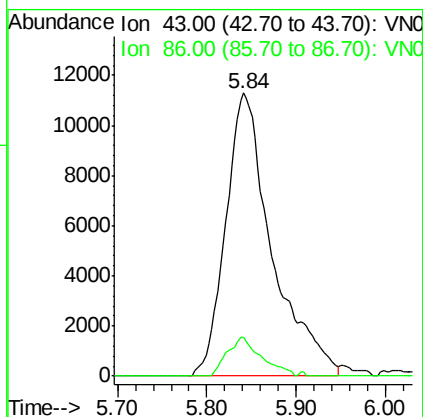
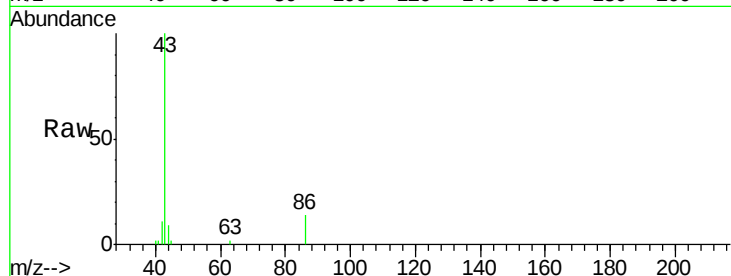




#23
 Vinyl Acetate
 Concen: 4.799 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

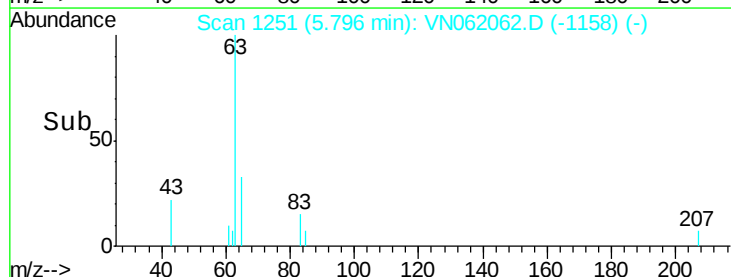
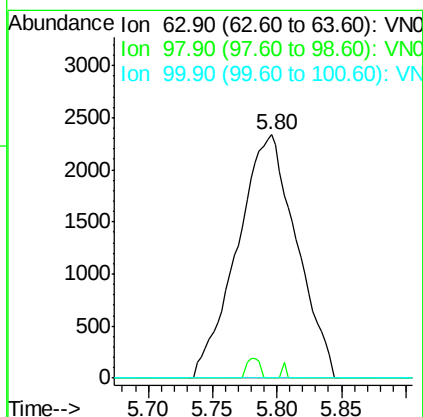
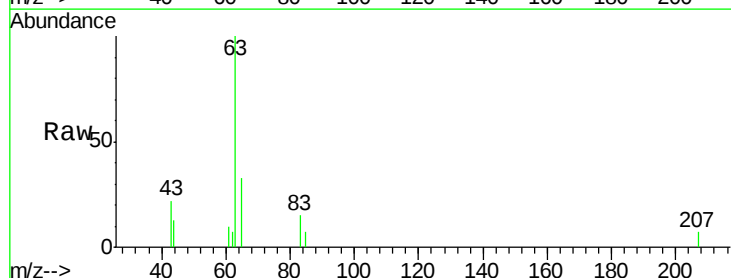
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

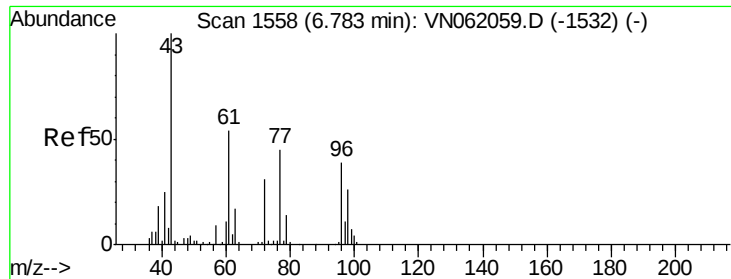
Tgt Ion: 43 Resp: 40505
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 1.122 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 63 Resp: 7471
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.4 7.1#

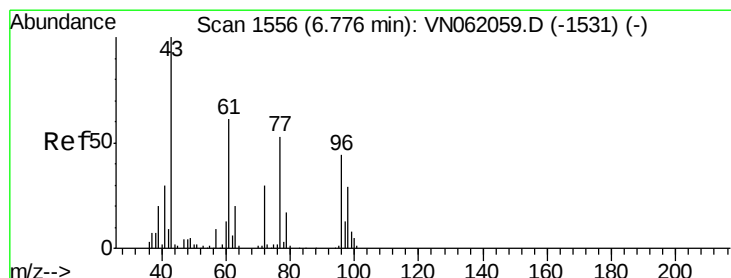
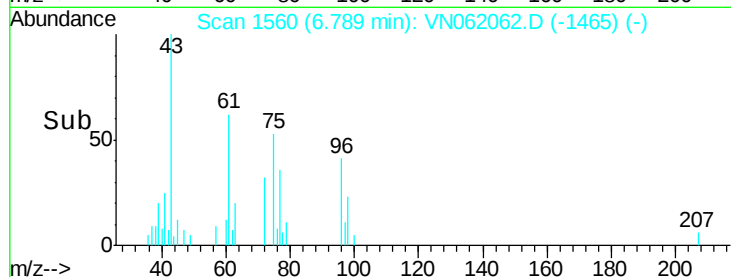
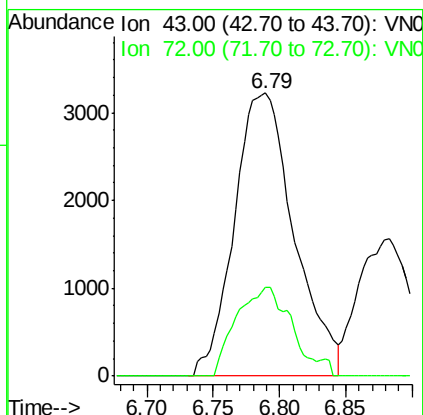
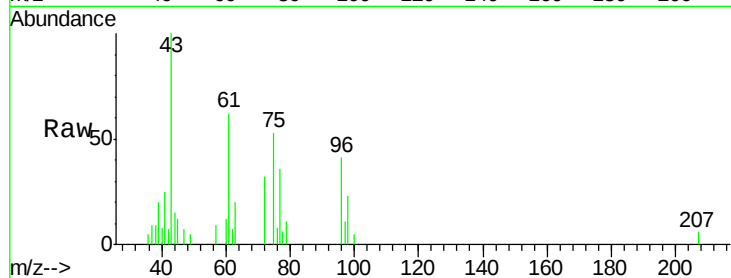




#25
 2-Butanone
 Concen: 5.086 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

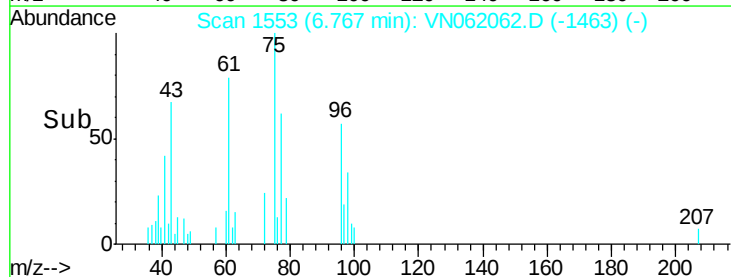
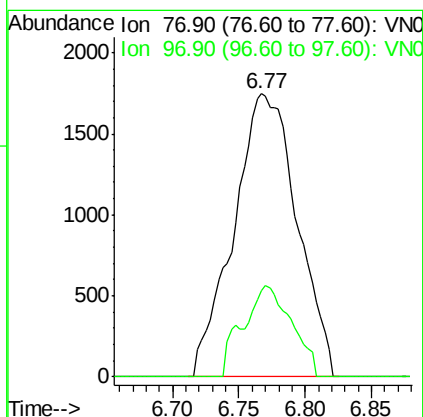
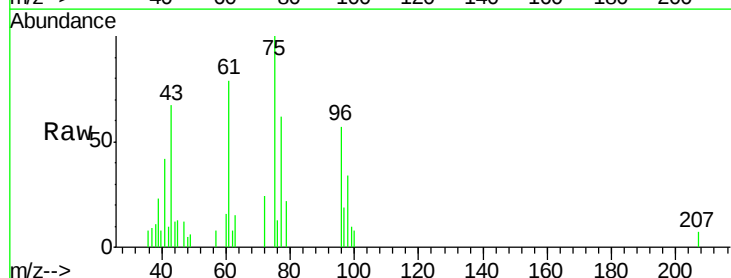
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

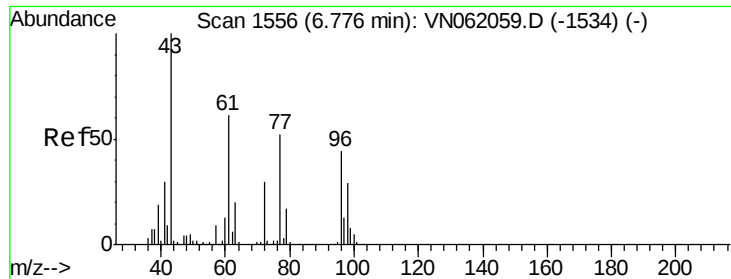
Tgt Ion: 43 Resp: 10132
 Ion Ratio Lower Upper
 43 100
 72 31.6 24.8 37.2



#26
 2,2-Dichloropropane
 Concen: 1.050 ug/l
 RT: 6.77 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 77 Resp: 5827
 Ion Ratio Lower Upper
 77 100
 97 20.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 0.800 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

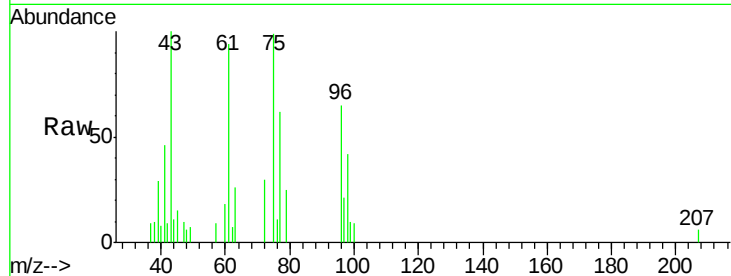
Tgt Ion: 96 Resp: 3197

Ion Ratio Lower Upper

96 100

61 228.5 0.0 280.4

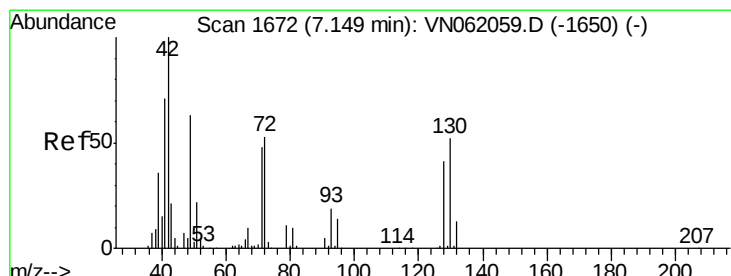
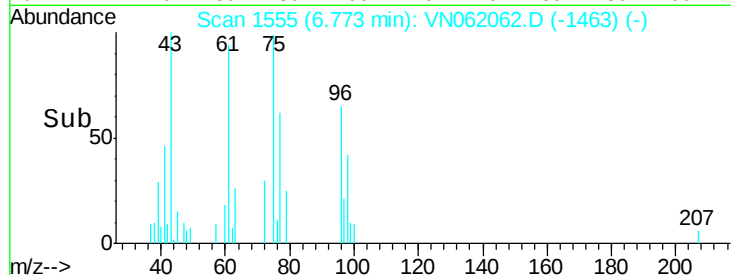
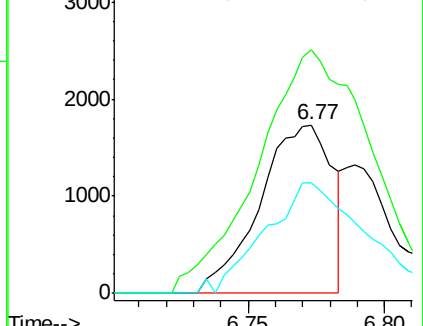
98 91.5 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 0.493 ug/l

RT: 7.13 min Scan# 1667

Delta R.T. -0.02 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

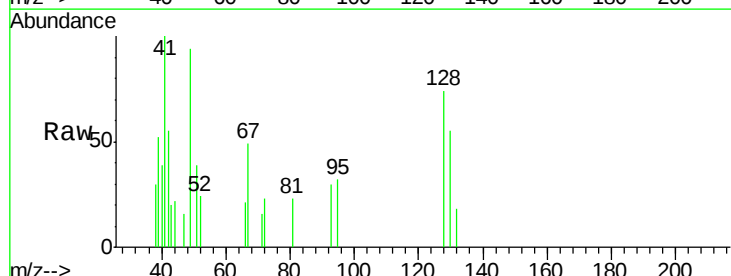
Tgt Ion: 49 Resp: 1271

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

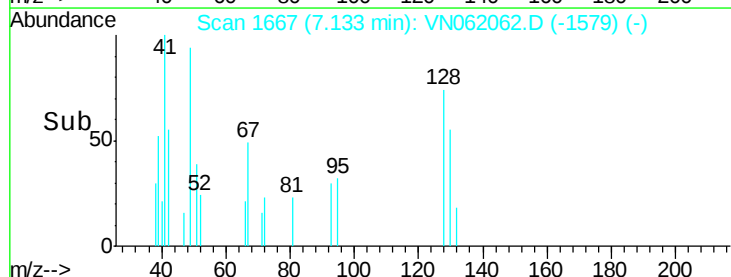
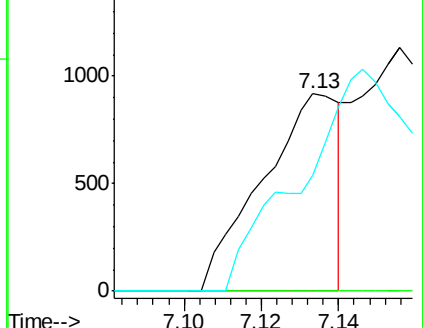
130 177.3 65.5 98.3#



Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

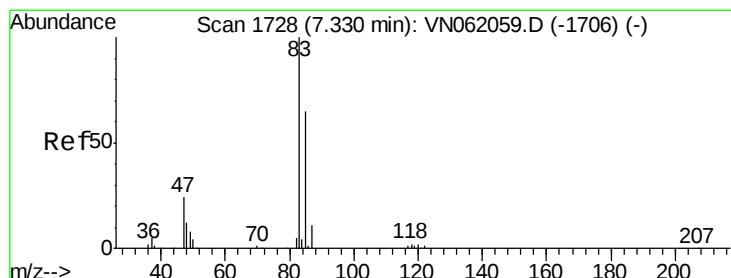
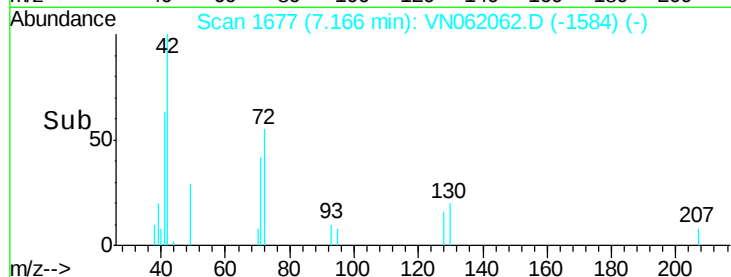
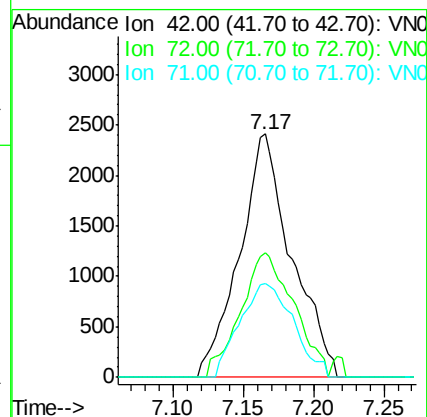
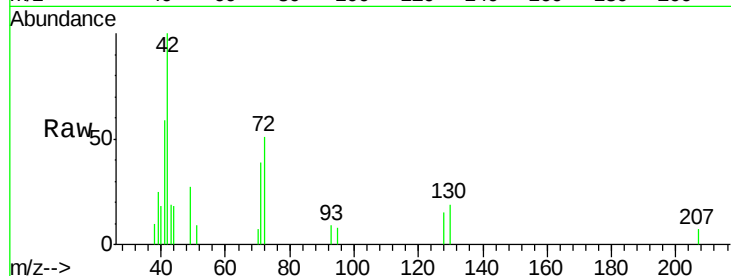




#29
Tetrahydrofuran
Concen: 4.763 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

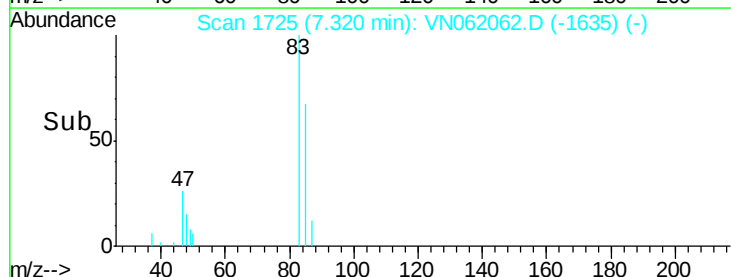
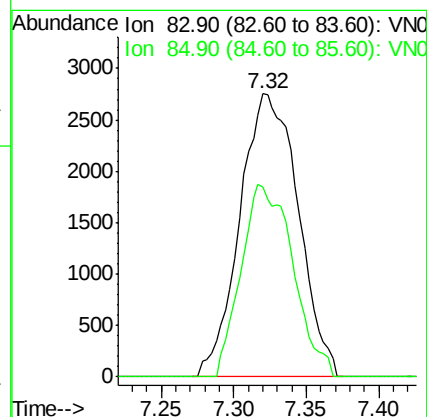
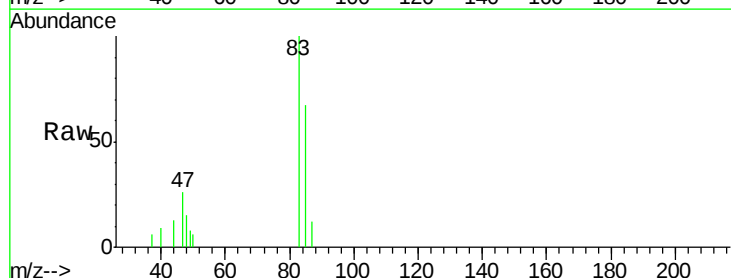
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

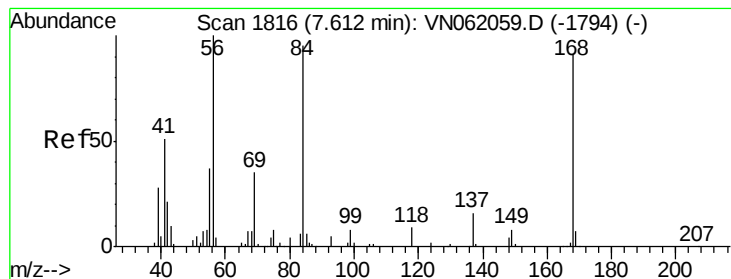
Tgt Ion: 42 Resp: 6216
Ion Ratio Lower Upper
42 100
72 52.3 41.1 61.7
71 39.6 38.2 57.4



#30
Chloroform
Concen: 1.137 ug/l
RT: 7.32 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 83 Resp: 7700
Ion Ratio Lower Upper
83 100
85 67.1 52.3 78.5





#31

Cyclohexane

Concen: 2.095 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

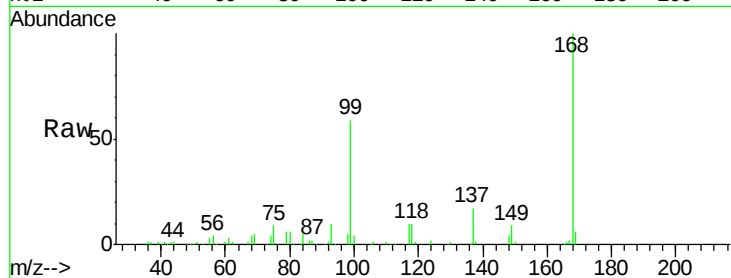
Tgt Ion: 56 Resp: 11797

Ion Ratio Lower Upper

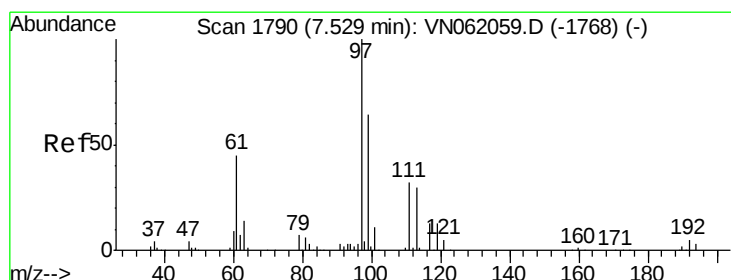
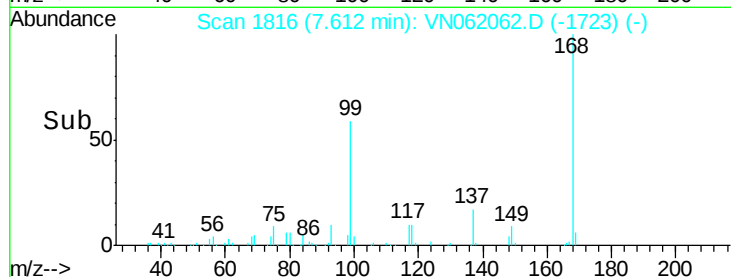
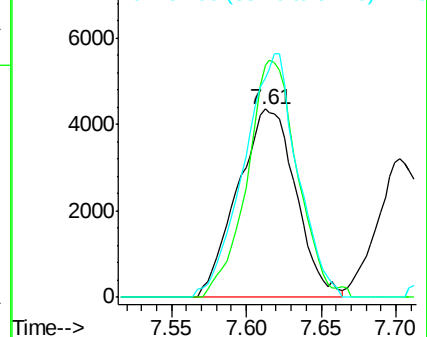
56 100

69 123.2 28.0 42.0#

84 116.8 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#32

1,1,1-Trichloroethane

Concen: 1.053 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

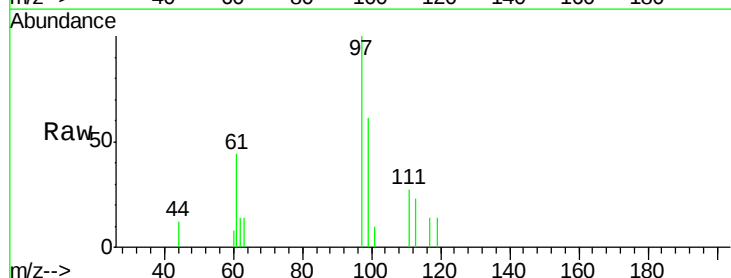
Tgt Ion: 97 Resp: 6015

Ion Ratio Lower Upper

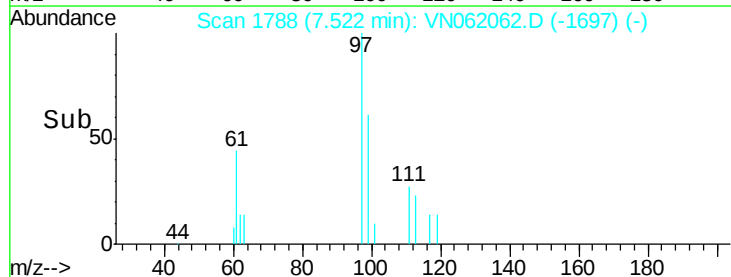
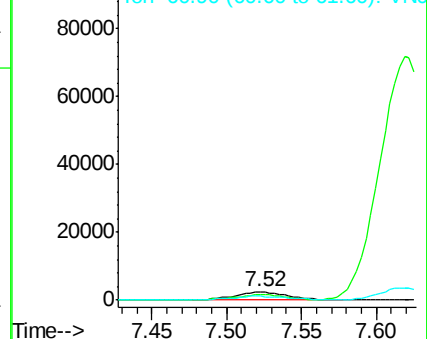
97 100

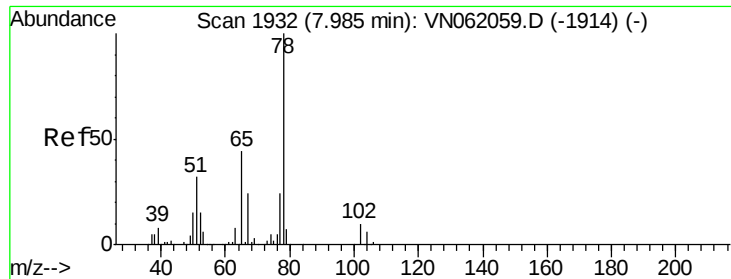
99 0.0 51.0 76.4#

61 51.1 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

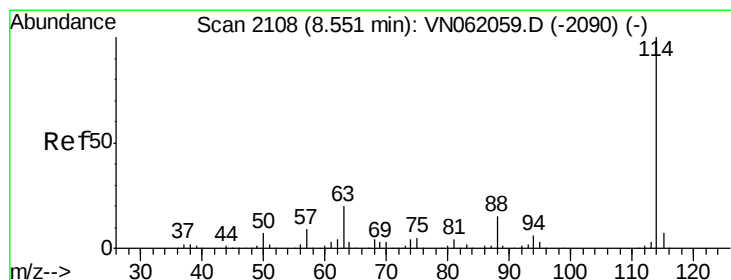
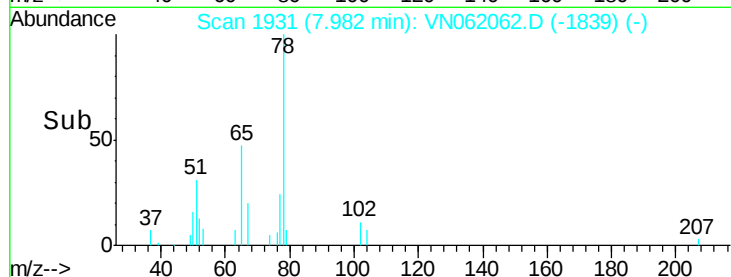
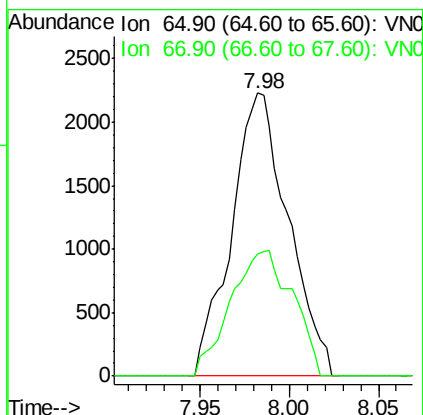
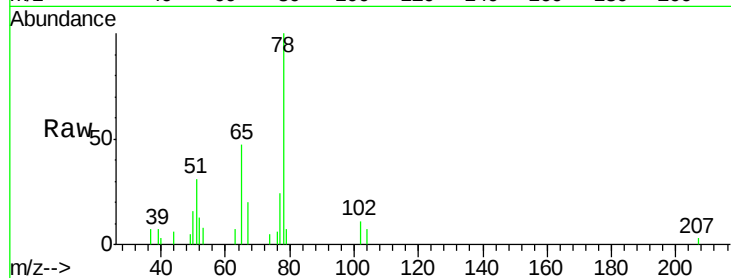




#33
 1,2-Dichloroethane-d4
 Concen: 1.217 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

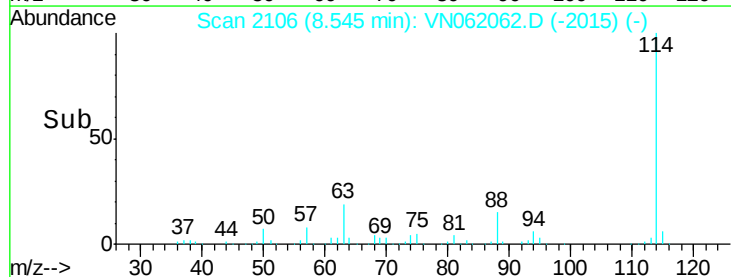
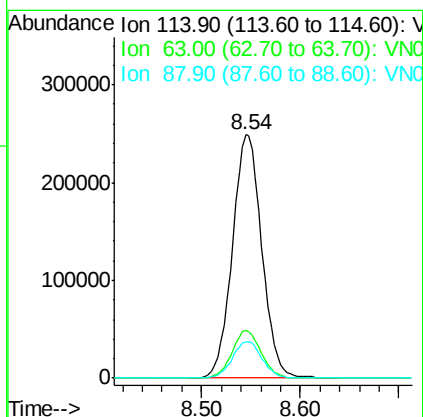
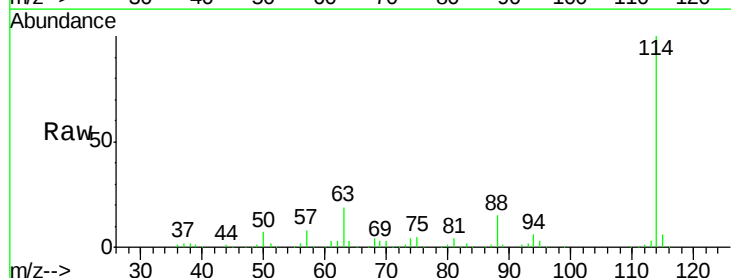
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

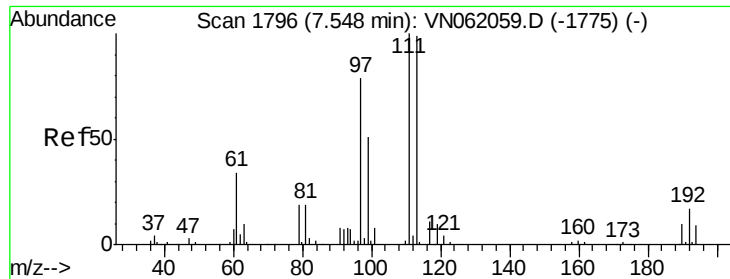
Tgt Ion: 65 Resp: 4960
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 114 Resp: 515649
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.1 0.0 30.8

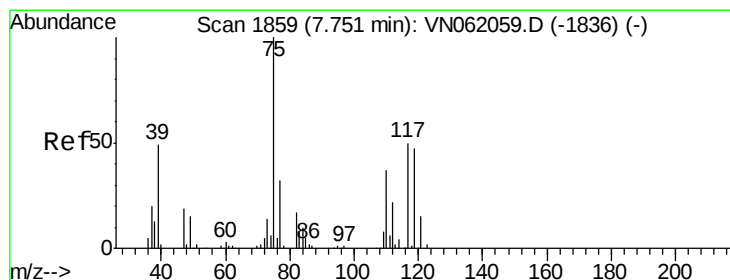
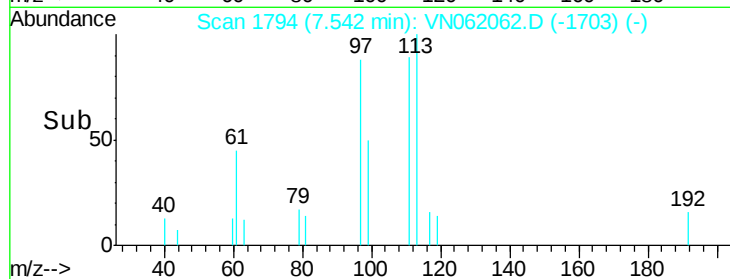
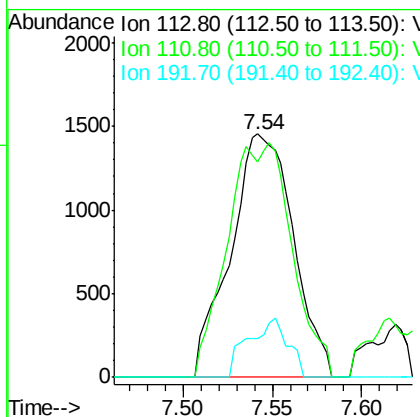
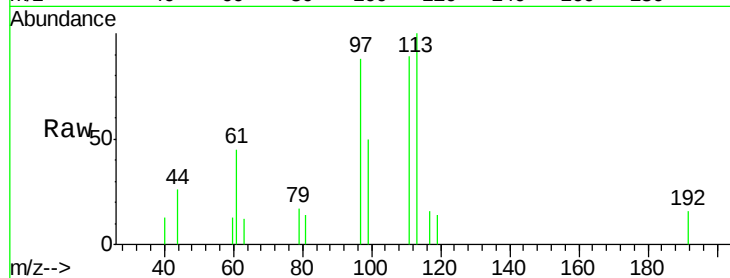




#35
 Dibromofluoromethane
 Concen: 1.080 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

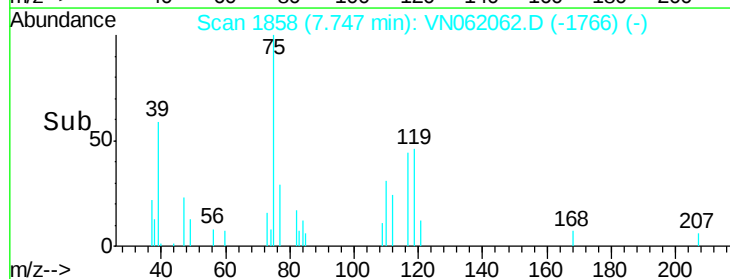
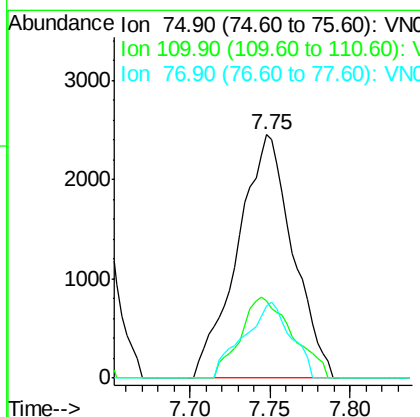
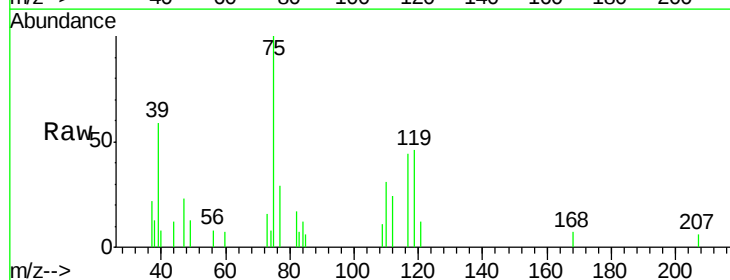
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 113 Resp: 3572
 Ion Ratio Lower Upper
 113 100
 111 50.1 82.2 123.4#
 192 15.3 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 1.119 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 75 Resp: 5799
 Ion Ratio Lower Upper
 75 100
 110 31.3 17.9 53.8
 77 26.6 24.9 37.3

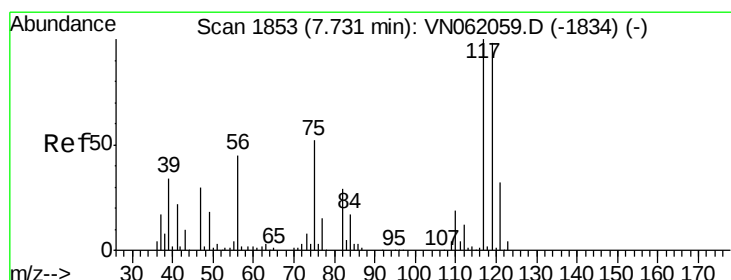
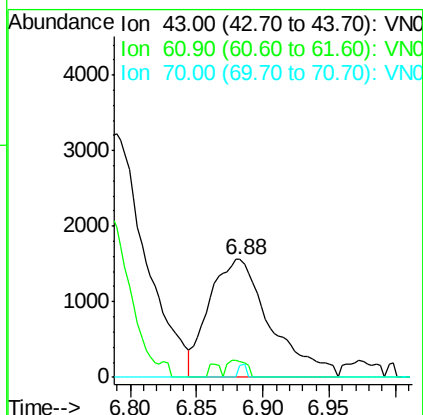
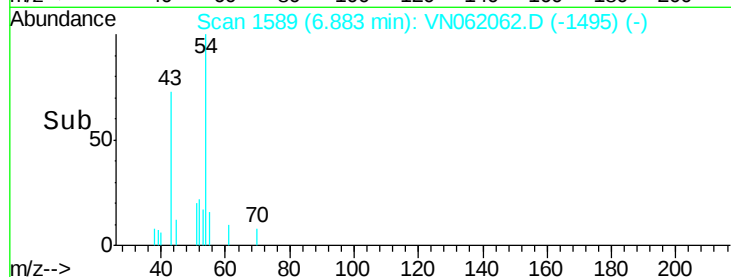
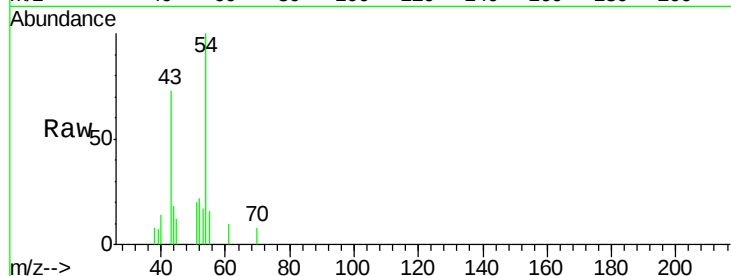




#37
Ethyl Acetate
 Concen: 1.171 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

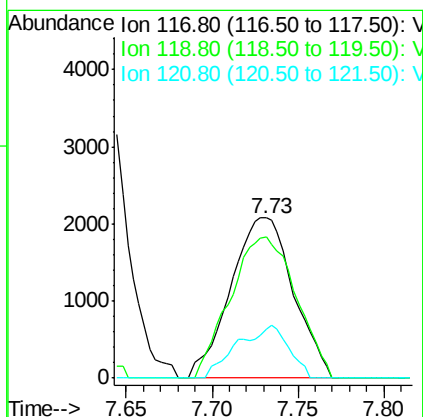
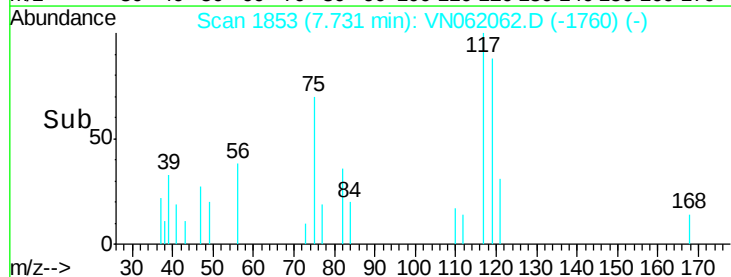
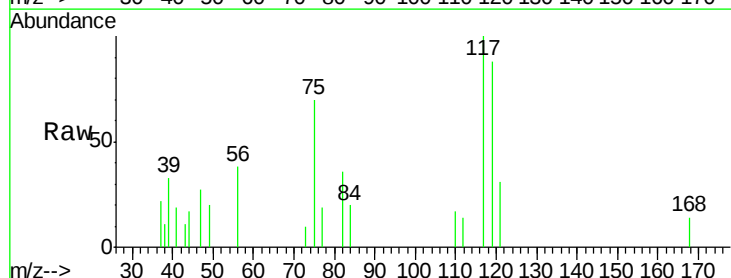
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 5027
 Ion Ratio Lower Upper
 43 100
 61 4.5 12.0 18.0#
 70 1.3 9.6 14.4#



#38
Carbon Tetrachloride
 Concen: 1.081 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 117 Resp: 5283
 Ion Ratio Lower Upper
 117 100
 119 87.7 78.2 117.2
 121 30.6 25.8 38.6

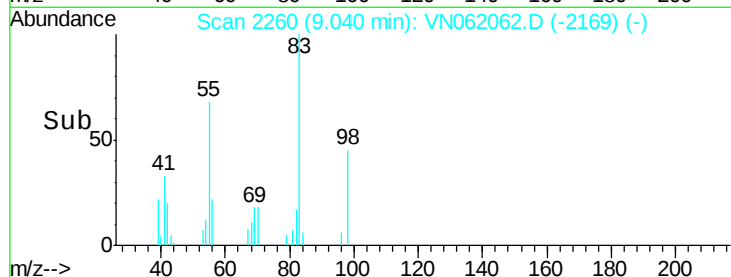
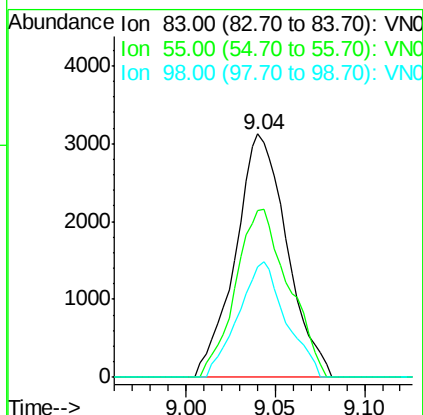
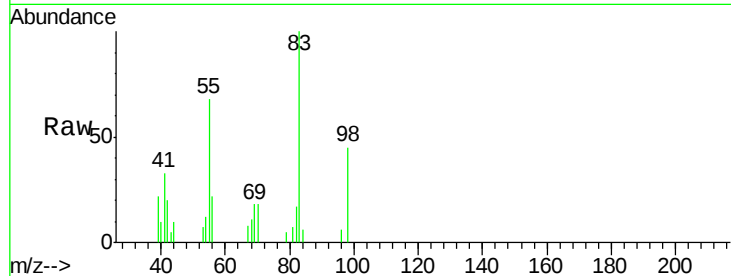




#39
Methylcyclohexane
Concen: 1.110 ug/l
RT: 9.04 min Scan# 2260
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

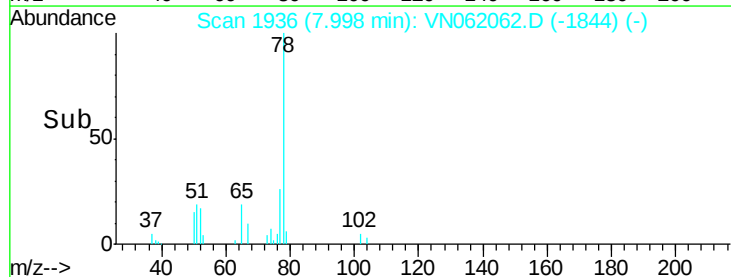
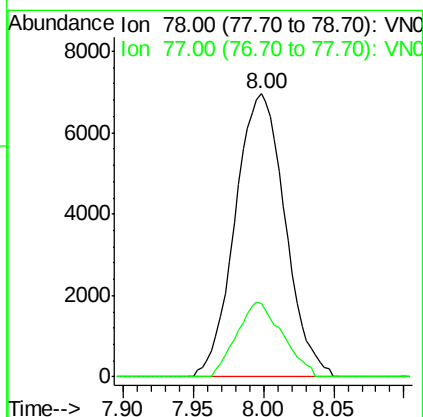
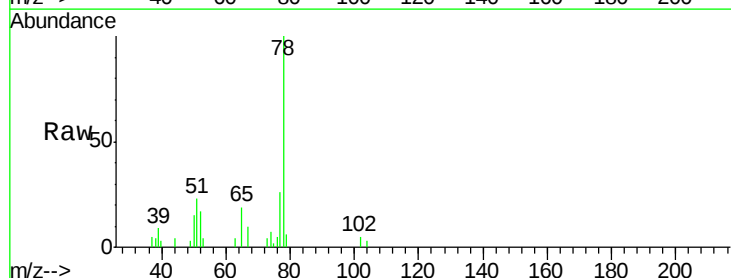
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

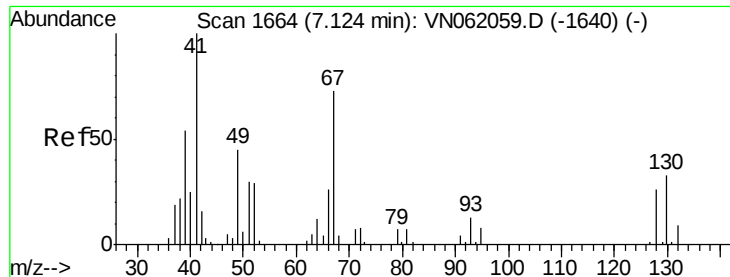
Tgt Ion: 83 Resp: 6301
Ion Ratio Lower Upper
83 100
55 68.4 57.0 85.6
98 45.4 39.0 58.6



#40
Benzene
Concen: 1.091 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 78 Resp: 17242
Ion Ratio Lower Upper
78 100
77 26.2 19.5 29.3





#41

Methacrylonitrile

Concen: 1.131 ug/l

RT: 7.12 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 2251

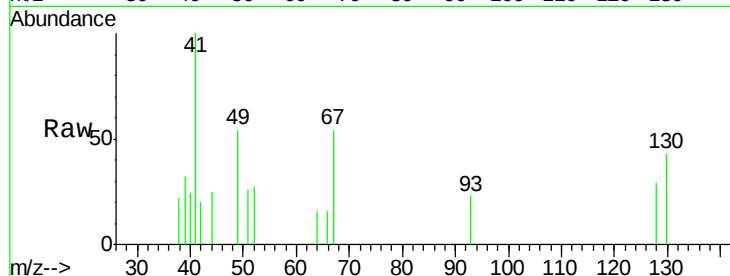
Ion Ratio Lower Upper

41 100

39 16.6 44.2 66.2#

67 0.0 79.5 119.3#

52 0.0 32.3 48.5#

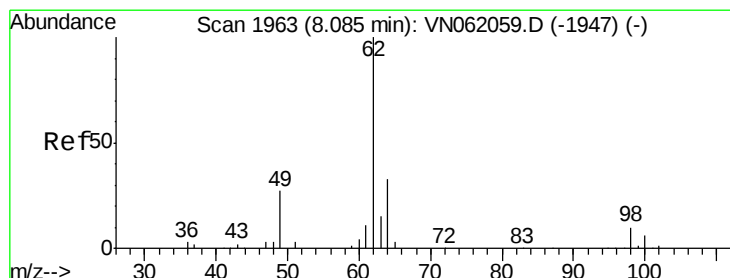
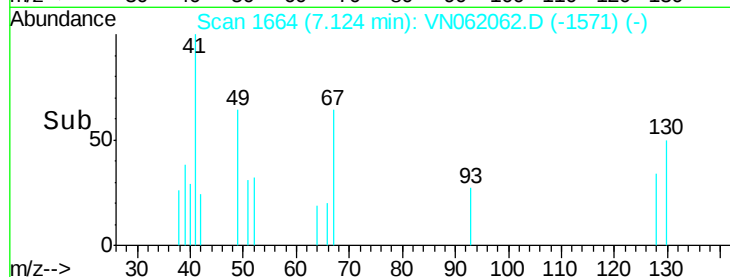
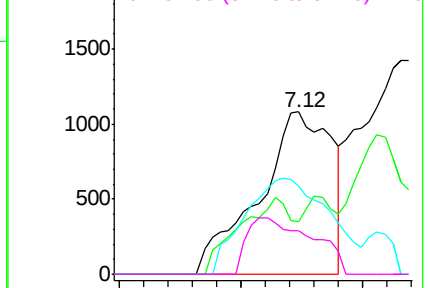


Abundance Ion 41.00 (40.70 to 41.70): VN062062.D (-1571) (-)

Ion 39.00 (38.70 to 39.70): VN062062.D (-1571) (-)

Ion 67.00 (66.70 to 67.70): VN062062.D (-1571) (-)

Ion 52.00 (51.70 to 52.70): VN062062.D (-1571) (-)



#42

1,2-Dichloroethane

Concen: 1.044 ug/l

RT: 8.08 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VN062062.D

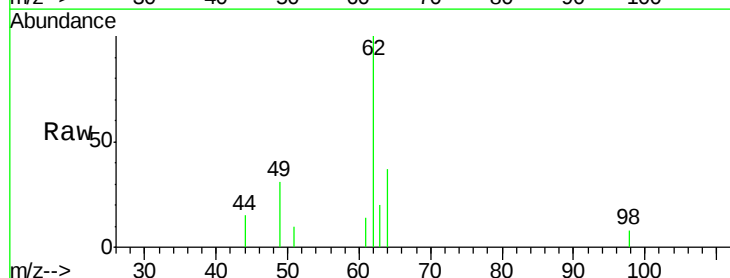
Acq: 24 Jun 2020 13:46

Tgt Ion: 62 Resp: 5573

Ion Ratio Lower Upper

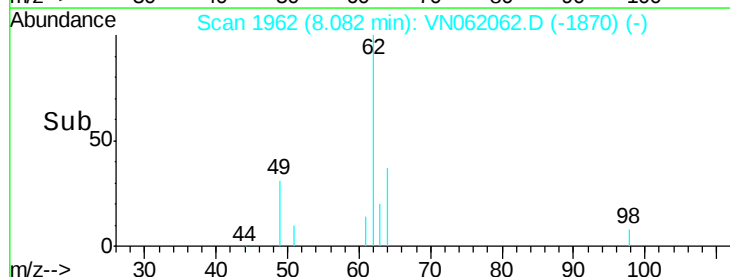
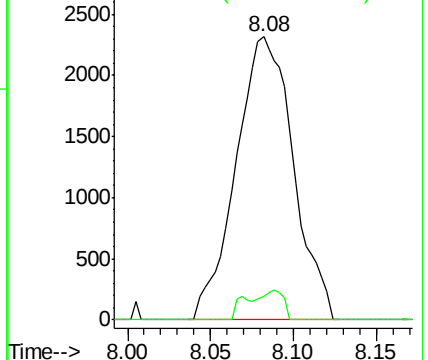
62 100

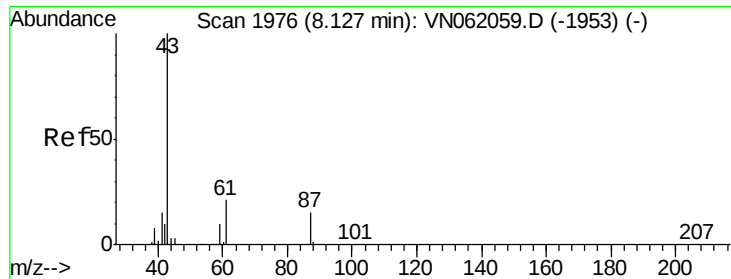
98 4.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN062062.D (-1870) (-)

Ion 97.90 (97.60 to 98.60): VN062062.D (-1870) (-)





#43

Isopropyl Acetate

Concen: 0.981 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

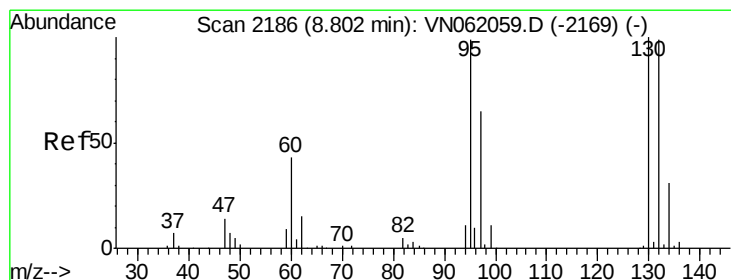
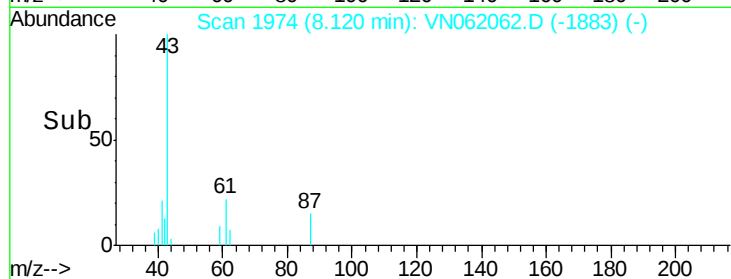
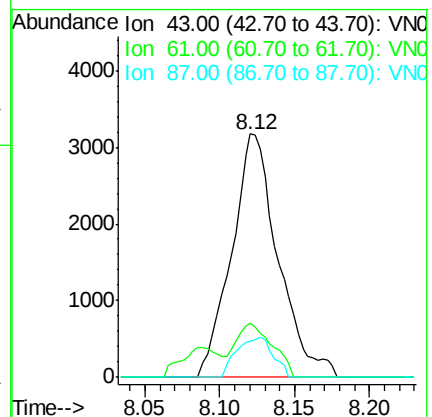
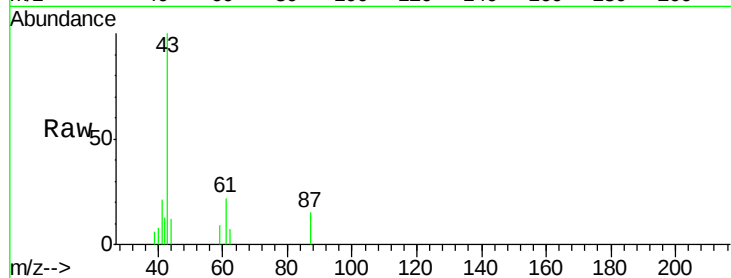
Tgt Ion: 43 Resp: 6866

Ion Ratio Lower Upper

43 100

61 18.3 17.2 25.8

87 12.9 12.1 18.1



#44

Trichloroethene

Concen: 1.106 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062062.D

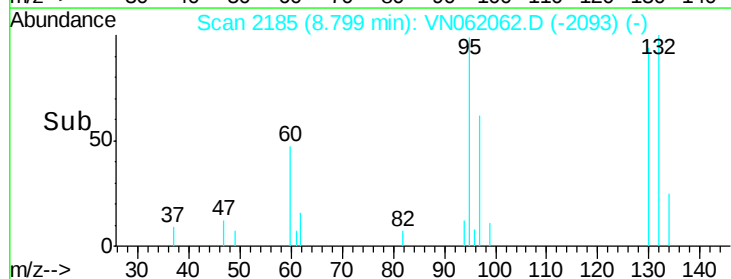
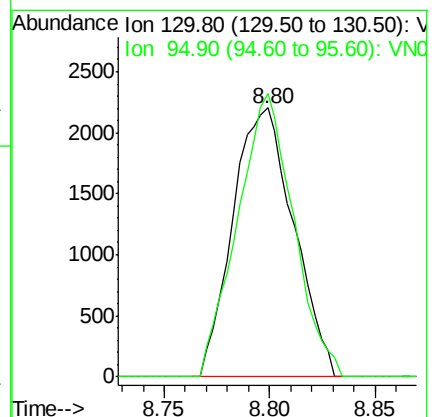
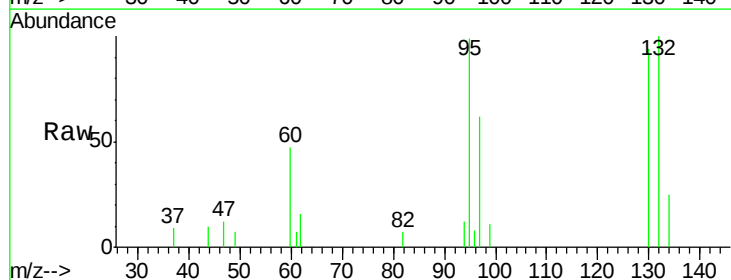
Acq: 24 Jun 2020 13:46

Tgt Ion: 130 Resp: 4406

Ion Ratio Lower Upper

130 100

95 105.3 0.0 197.8

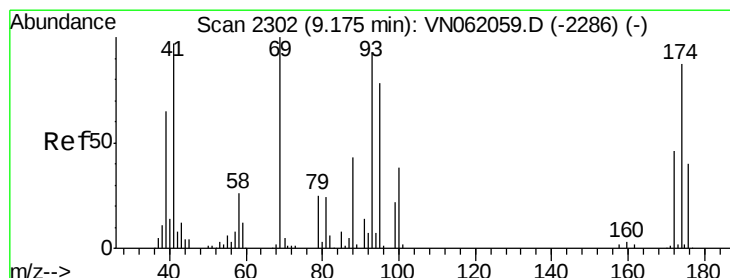
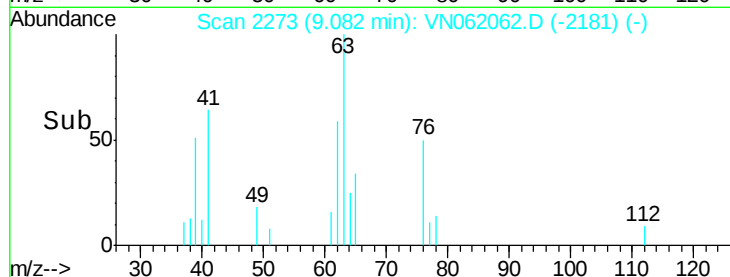
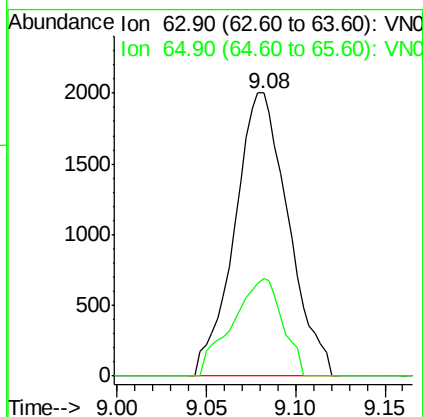
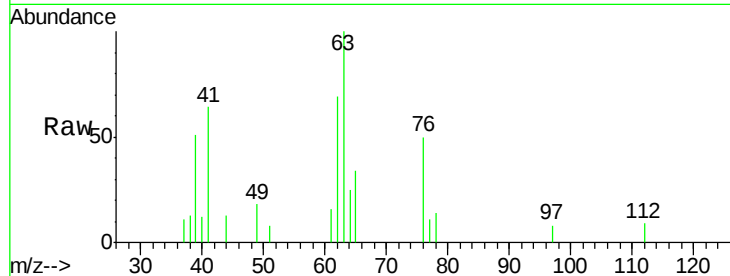




#45
 1,2-Dichloropropane
 Concen: 1.081 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

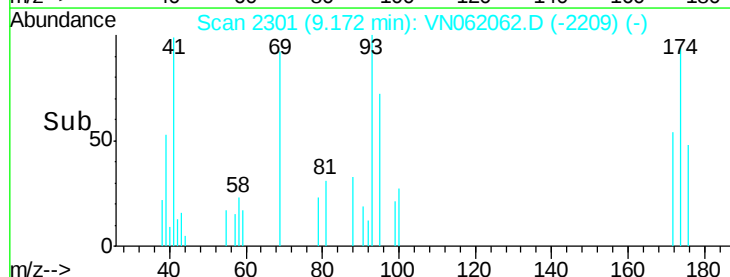
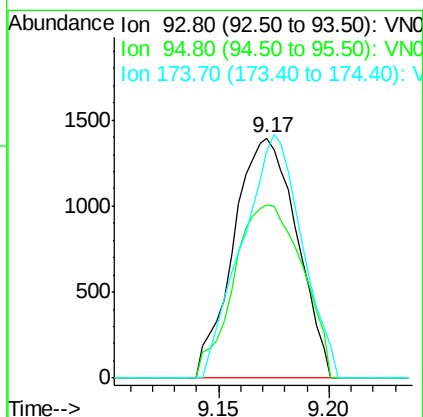
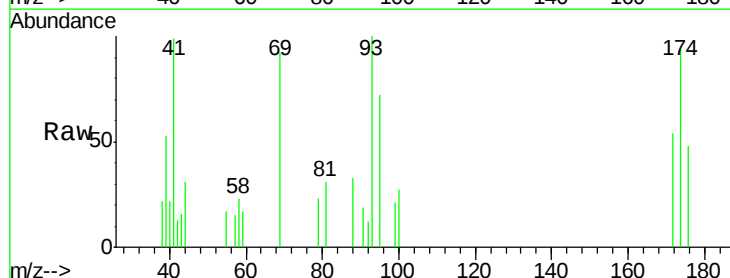
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

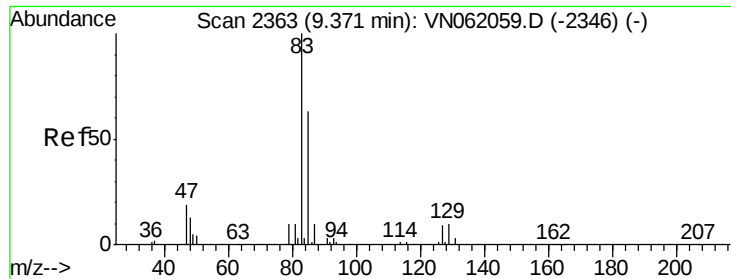
Tgt Ion: 63 Resp: 4212
 Ion Ratio Lower Upper
 63 100
 65 34.4 25.0 37.4



#46
 Dibromomethane
 Concen: 1.049 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 93 Resp: 2773
 Ion Ratio Lower Upper
 93 100
 95 78.5 67.0 100.6
 174 95.8 74.4 111.6

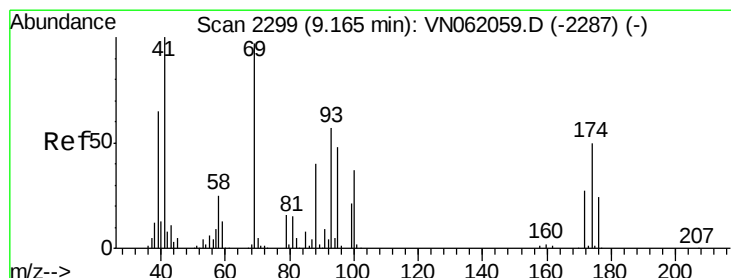
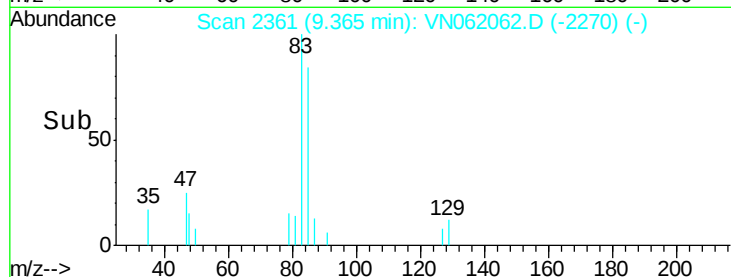
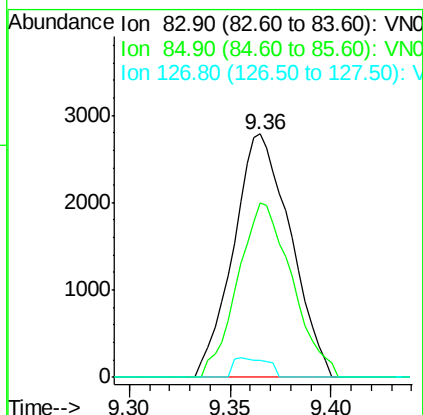
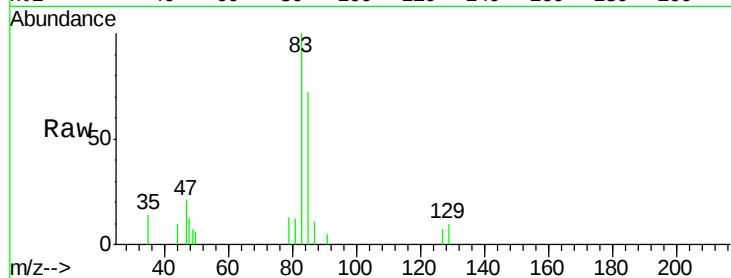




#47
Bromodichloromethane
Concen: 1.030 ug/l
RT: 9.36 min Scan# 2361
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

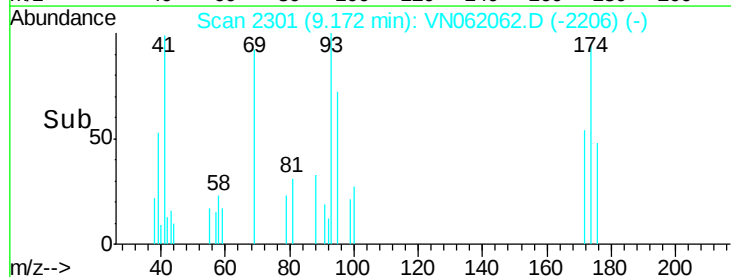
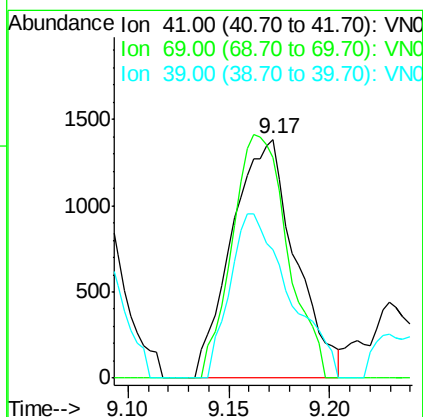
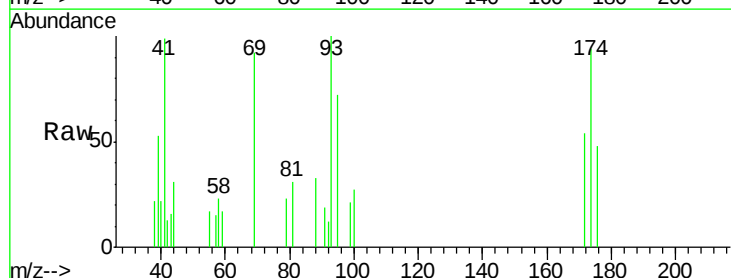
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

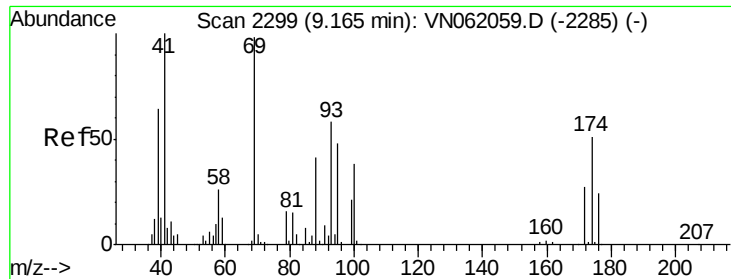
Tgt Ion: 83 Resp: 5493
Ion Ratio Lower Upper
83 100
85 71.7 50.3 75.5
127 7.0 6.9 10.3



#48
Methyl methacrylate
Concen: 0.967 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 41 Resp: 3033
Ion Ratio Lower Upper
41 100
69 89.4 80.7 121.1
39 64.6 54.5 81.7

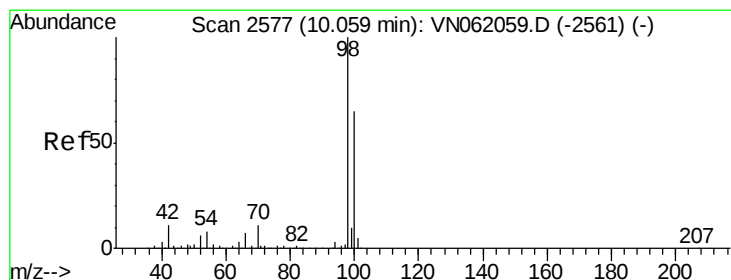
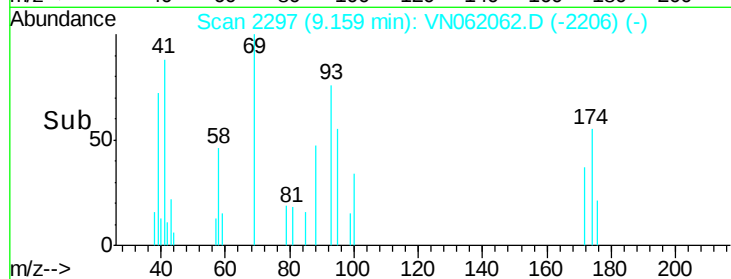
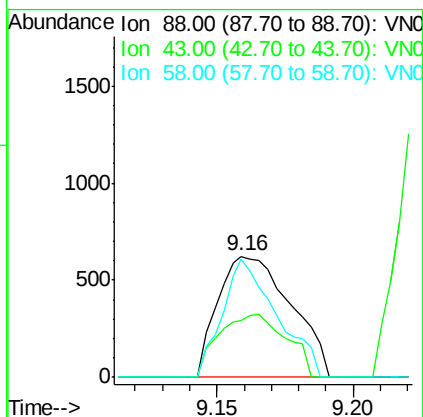
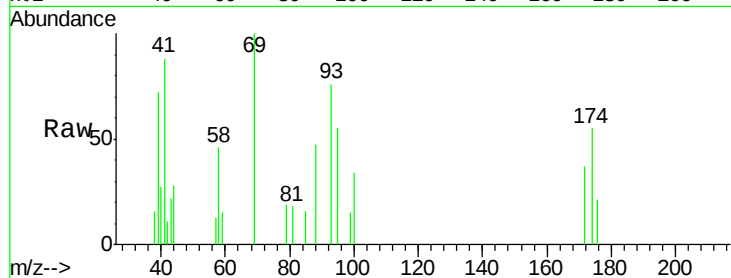




#49
1,4-Dioxane
Concen: 16.675 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

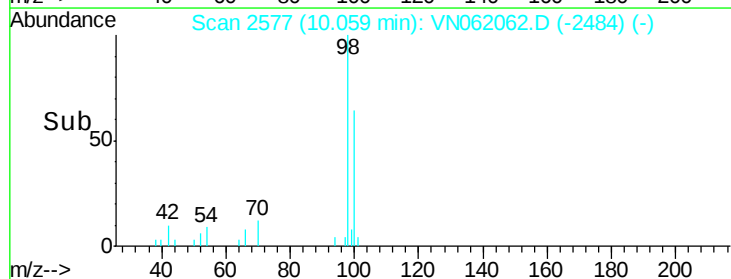
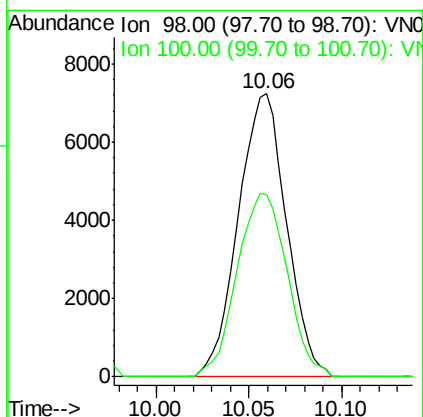
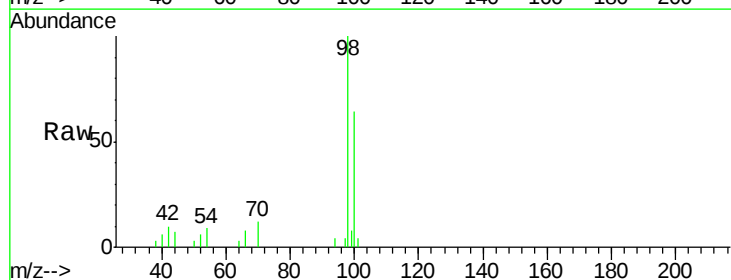
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 1160
Ion Ratio Lower Upper
88 100
43 48.0 22.0 33.0#
58 72.9 49.2 73.8



#50
Toluene-d8
Concen: 0.987 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 98 Resp: 13054
Ion Ratio Lower Upper
98 100
100 67.4 51.2 76.8

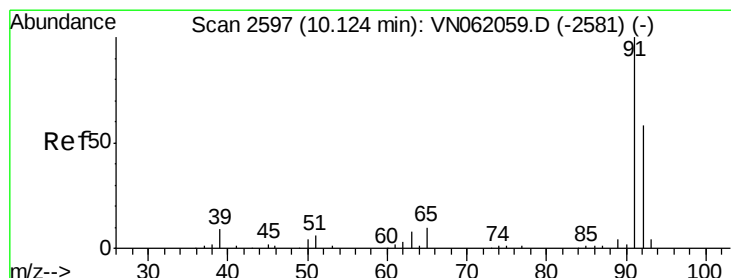
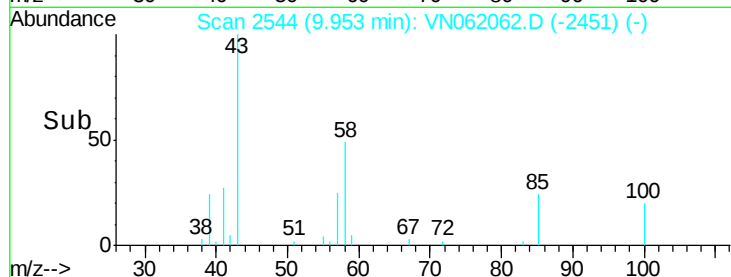
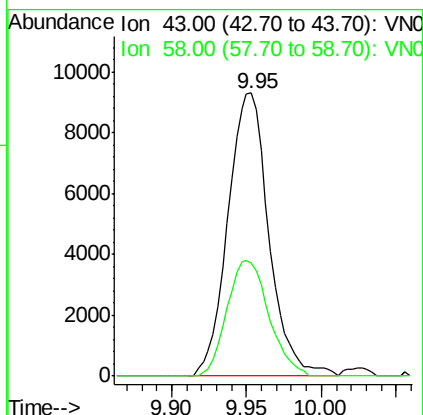
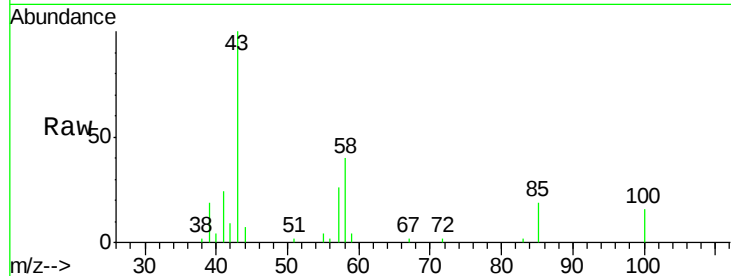




#51
 4-Methyl-2-Pentanone
 Concen: 4.343 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

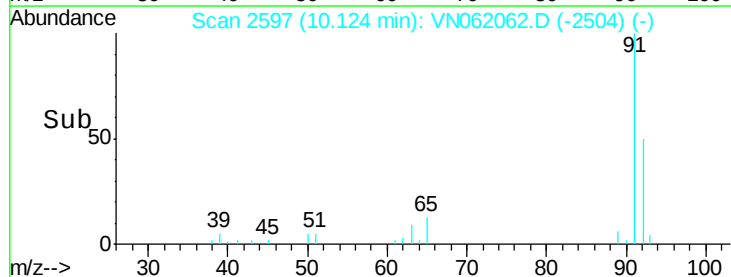
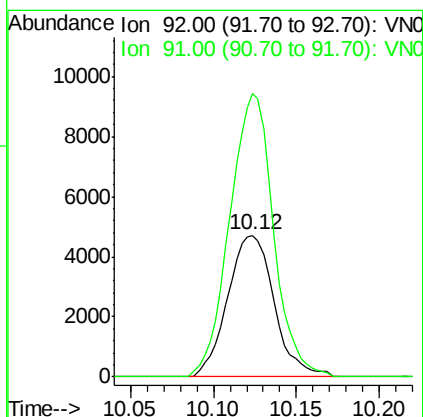
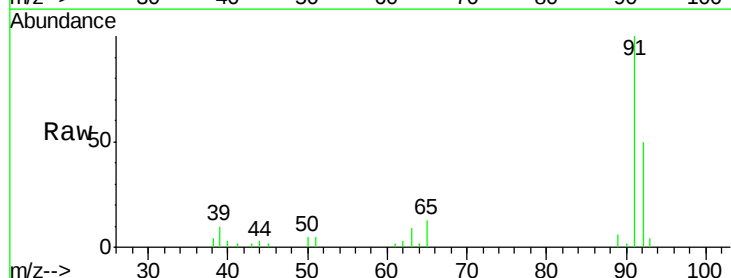
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion: 43 Resp: 17752
 Ion Ratio Lower Upper
 43 100
 58 41.8 34.2 51.2



#52
 Toluene
 Concen: 0.953 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 92 Resp: 9183
 Ion Ratio Lower Upper
 92 100
 91 187.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 0.942 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

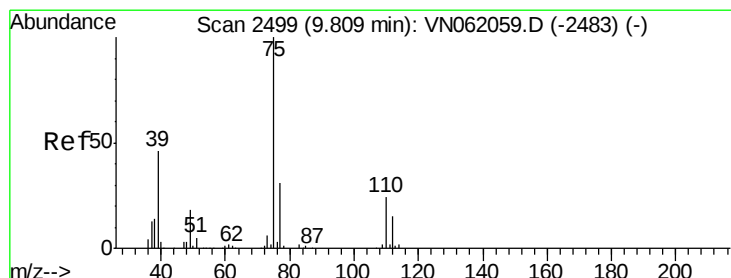
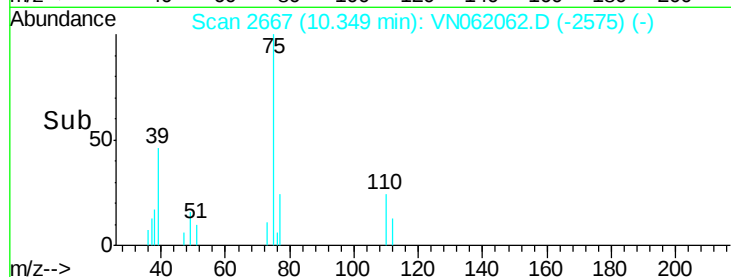
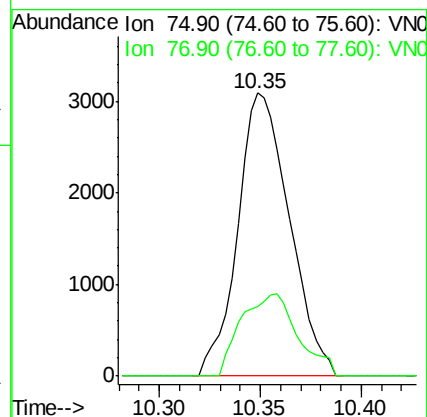
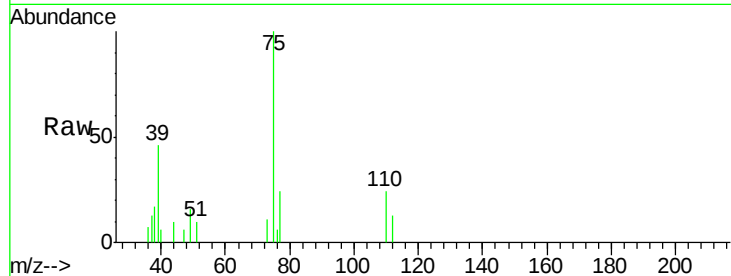
VSTDIC001

Tgt Ion: 75 Resp: 5531

Ion Ratio Lower Upper

75 100

77 24.4 25.5 38.3#



#54

cis-1,3-Dichloropropene

Concen: 0.919 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

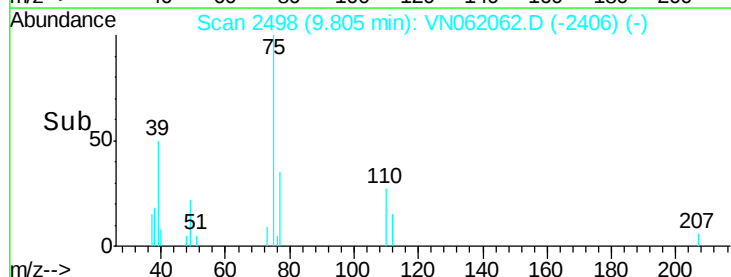
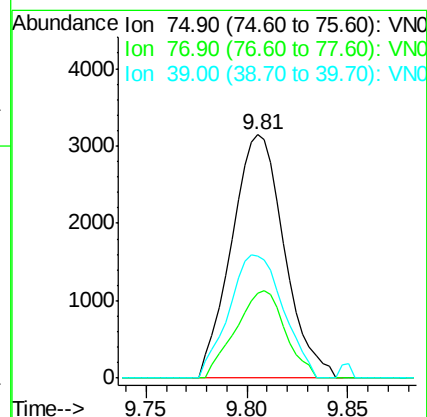
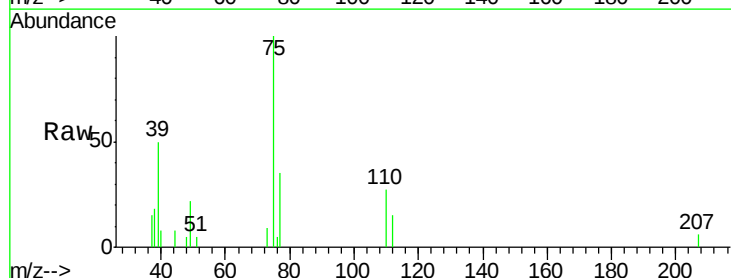
Tgt Ion: 75 Resp: 5746

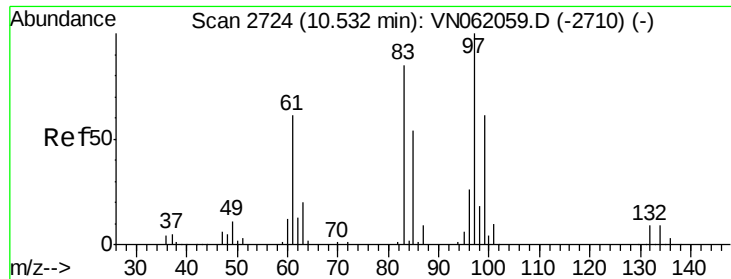
Ion Ratio Lower Upper

75 100

77 35.0 25.0 37.6

39 50.0 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 0.963 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 3649

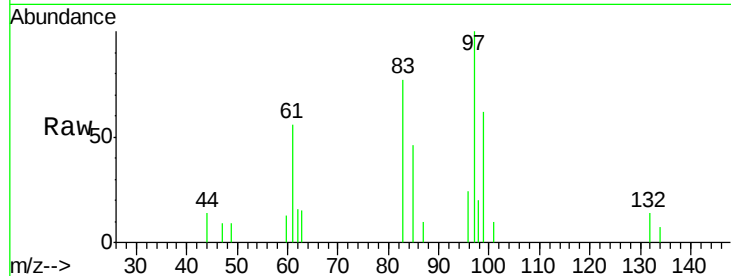
Ion Ratio Lower Upper

97 100

83 76.7 68.2 102.2

85 46.3 43.2 64.8

99 61.9 48.5 72.7

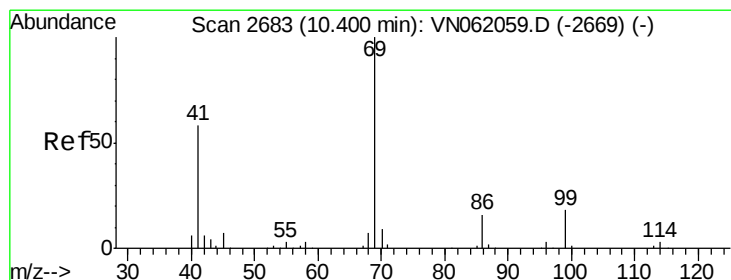
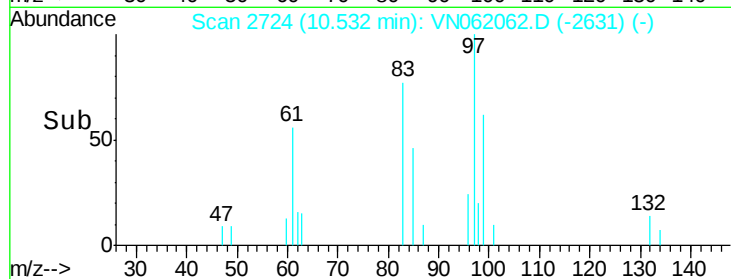
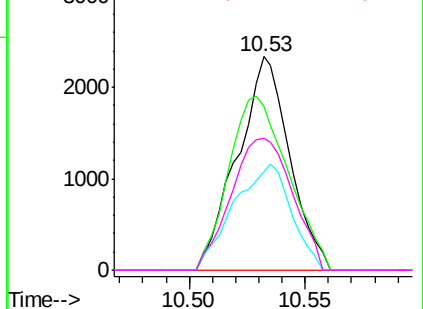


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.804 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

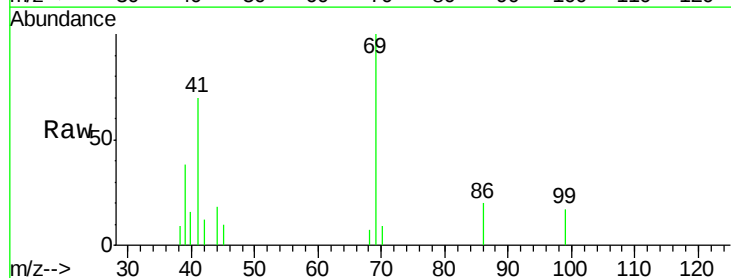
Tgt Ion: 69 Resp: 4064

Ion Ratio Lower Upper

69 100

41 62.6 46.6 70.0

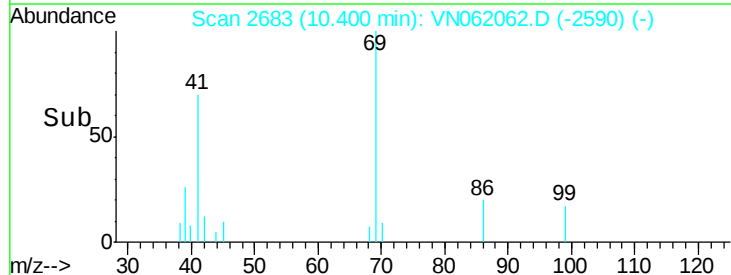
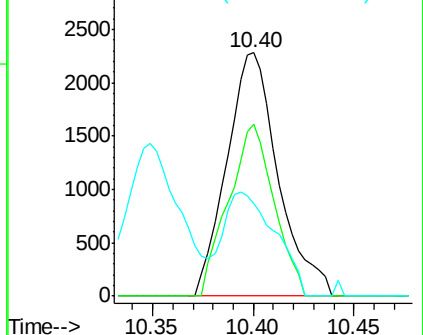
39 43.7 31.0 46.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

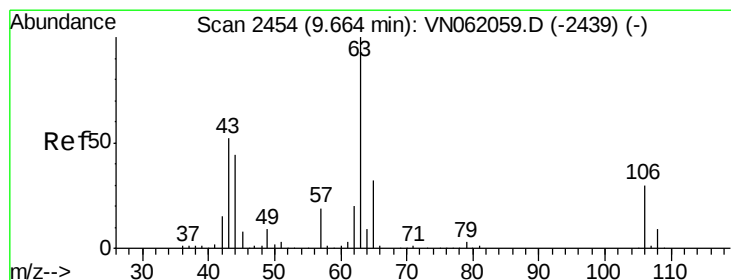
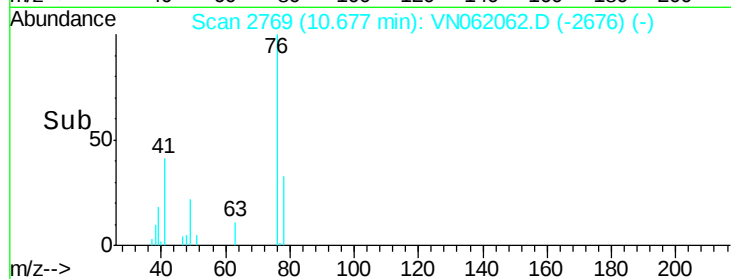
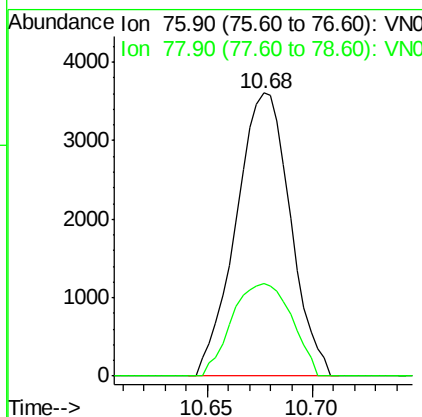
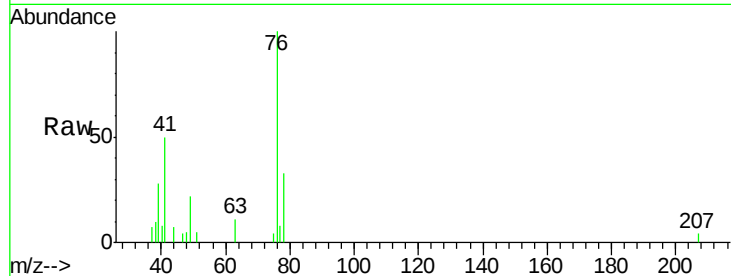




#57
 1,3-Dichloropropane
 Concen: 0.990 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

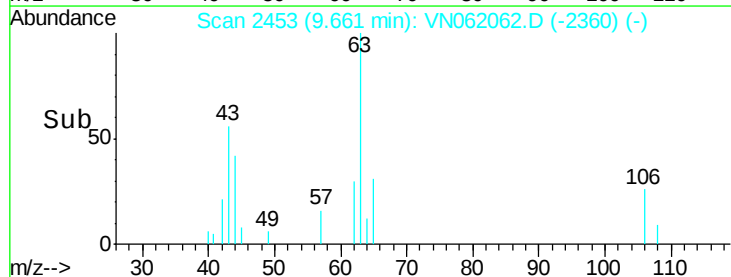
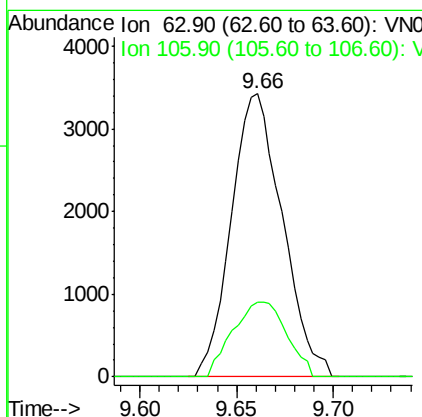
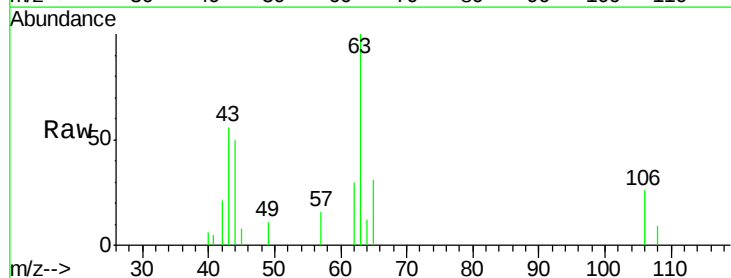
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

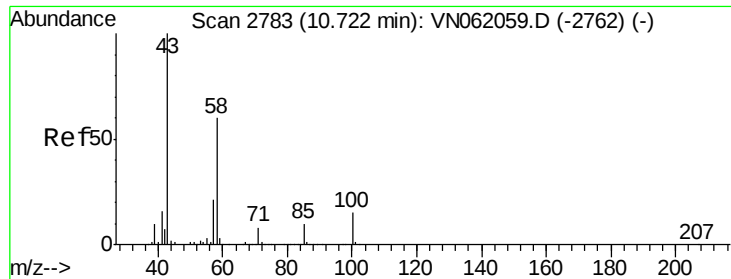
Tgt Ion: 76 Resp: 6459
 Ion Ratio Lower Upper
 76 100
 78 35.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.306 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 63 Resp: 6278
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.2 34.8

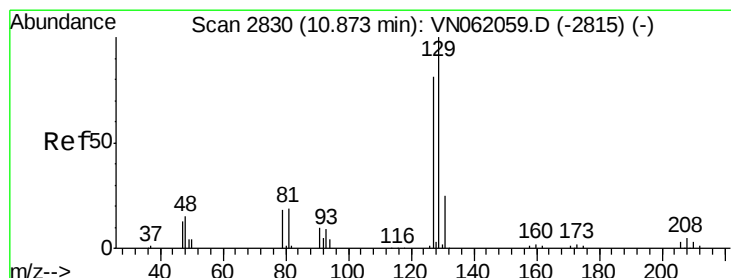
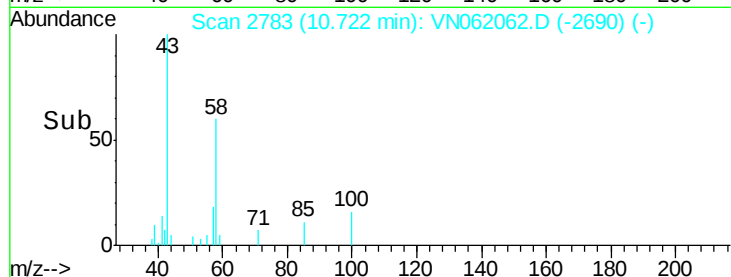
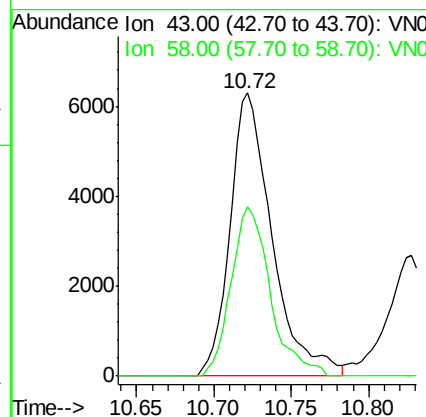
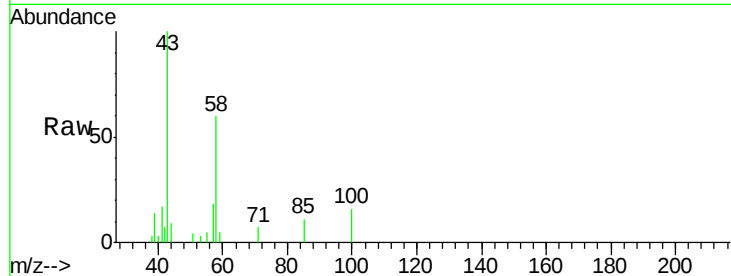




#59
2-Hexanone
Concen: 4.018 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

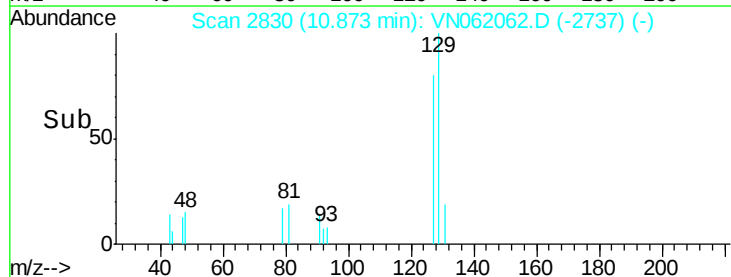
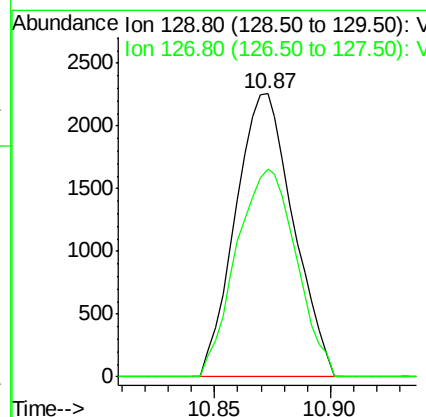
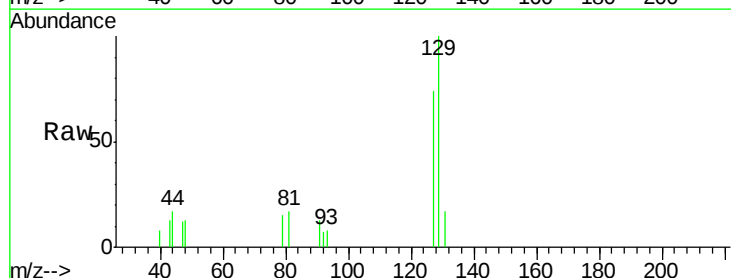
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

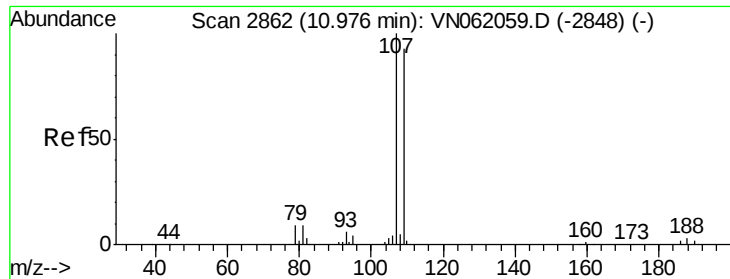
Tgt Ion: 43 Resp: 11860
Ion Ratio Lower Upper
43 100
58 56.0 29.5 88.5



#60
Dibromochloromethane
Concen: 0.975 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 129 Resp: 3911
Ion Ratio Lower Upper
129 100
127 76.0 39.5 118.5





#61

1,2-Dibromoethane

Concen: 1.006 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

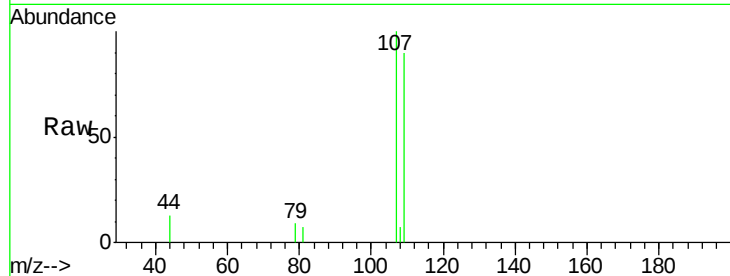
VSTDIC001

Tgt Ion: 107 Resp: 3915

Ion Ratio Lower Upper

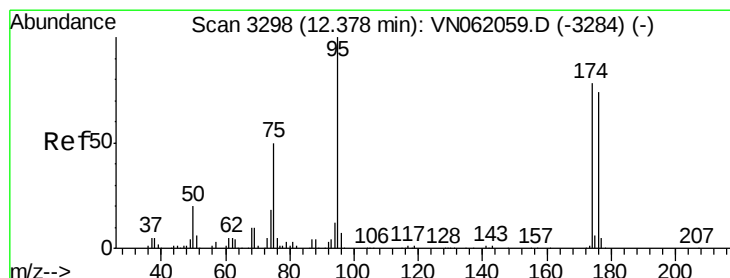
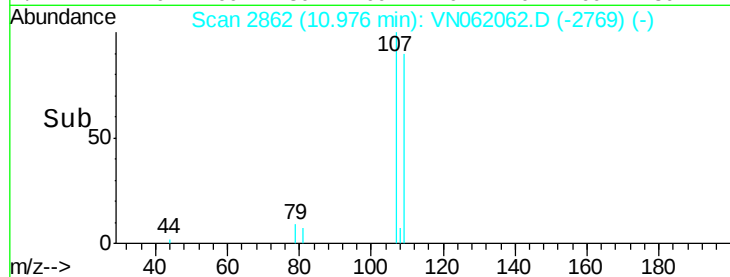
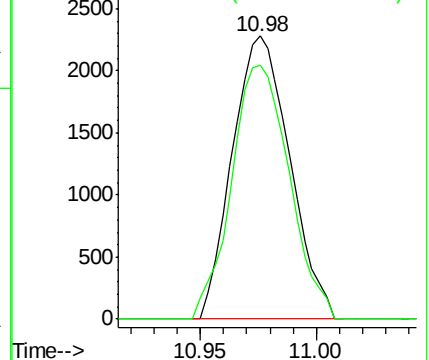
107 100

109 90.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.969 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

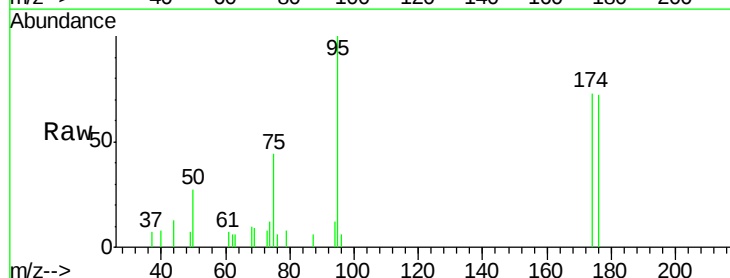
Tgt Ion: 95 Resp: 4331

Ion Ratio Lower Upper

95 100

174 73.2 0.0 154.8

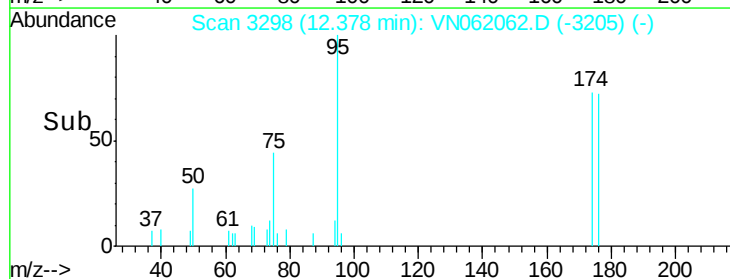
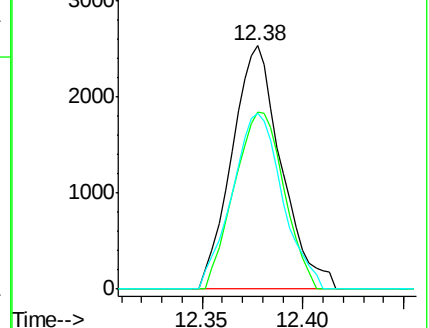
176 73.6 0.0 147.4

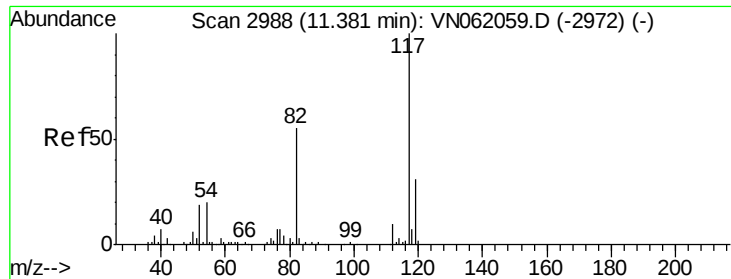


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

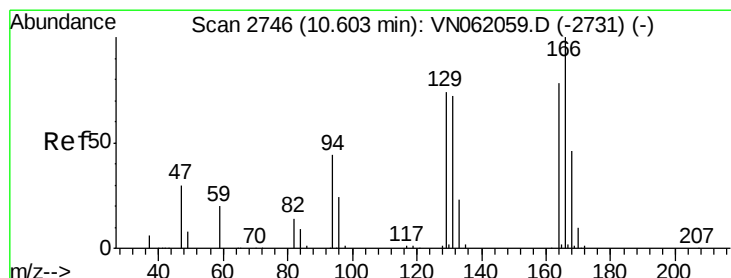
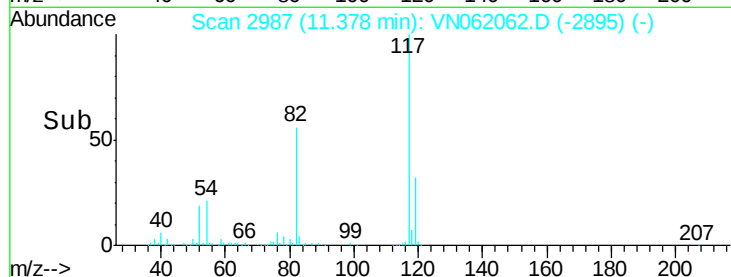
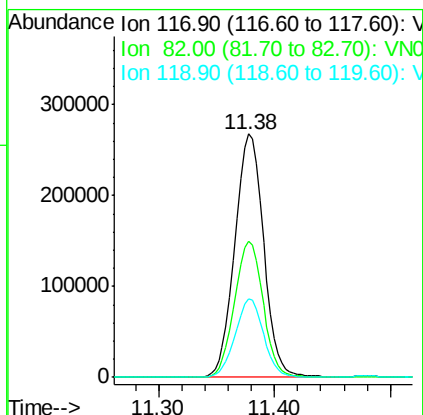
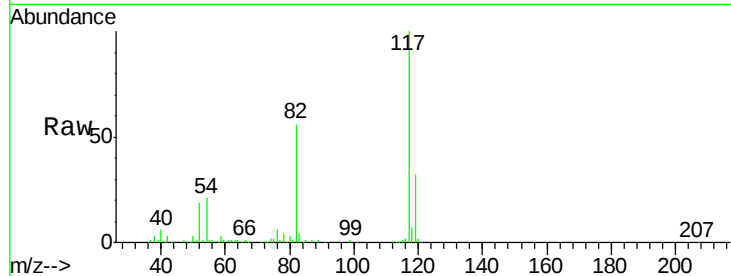




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

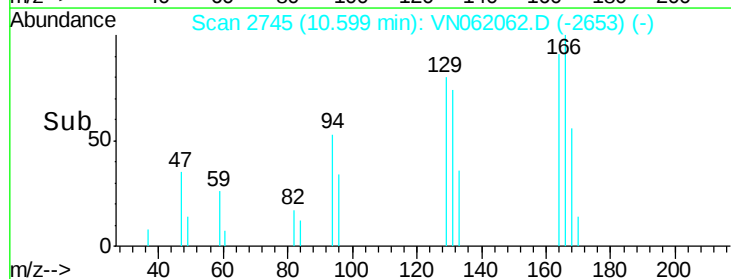
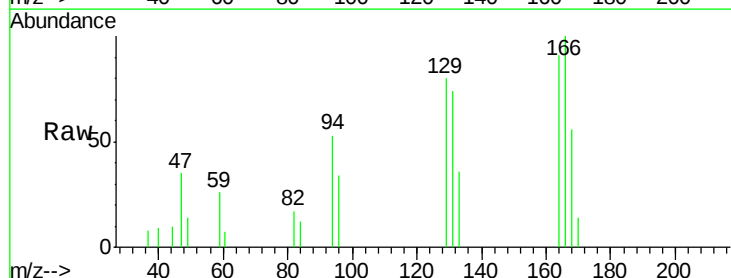
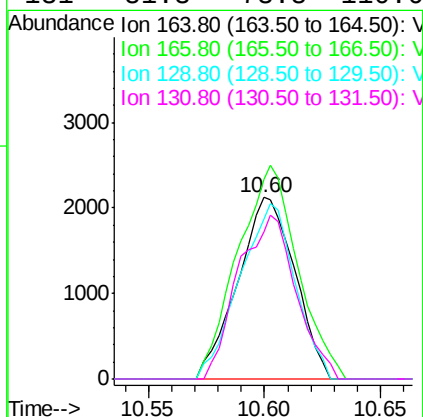
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

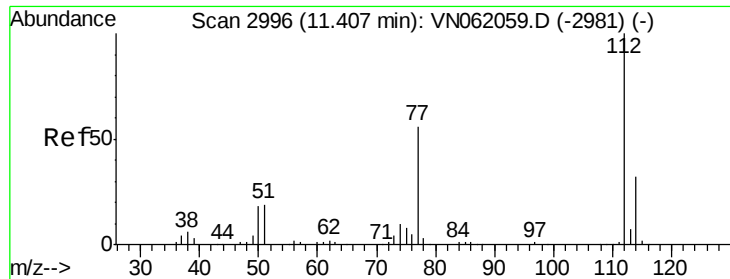
Tgt Ion:117 Resp: 461695
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 32.3 25.2 37.8



#64
Tetrachloroethene
Concen: 1.149 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion:164 Resp: 3625
Ion Ratio Lower Upper
164 100
166 110.3 102.9 154.3
129 88.4 75.8 113.8
131 81.3 73.8 110.6

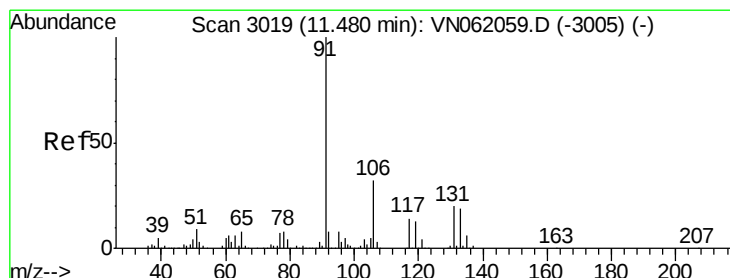
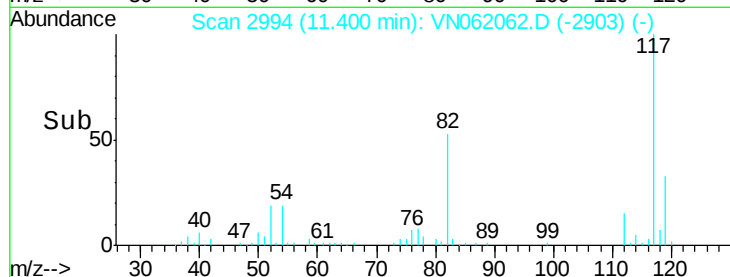
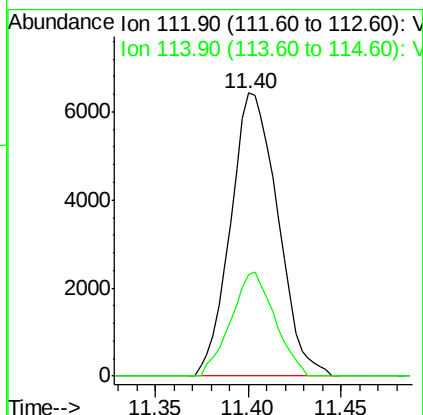
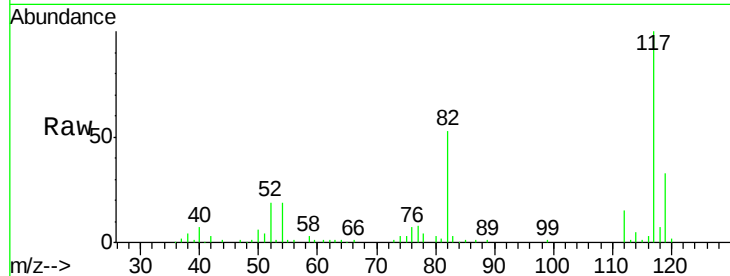




#65
Chlorobenzene
Concen: 1.121 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.01 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

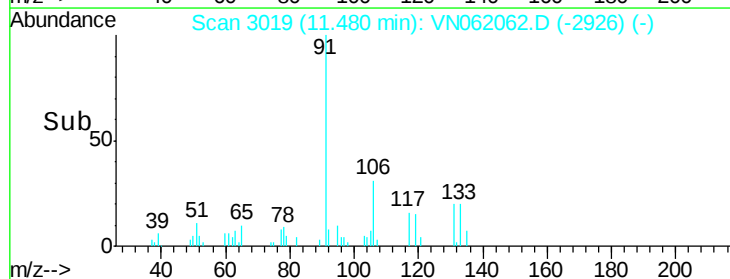
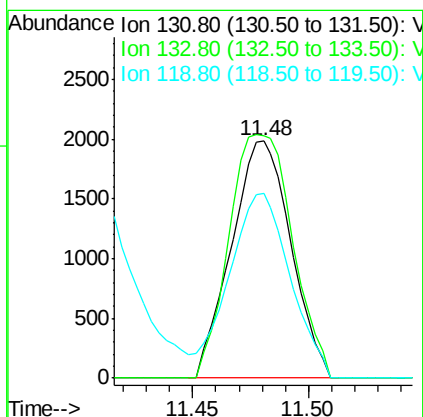
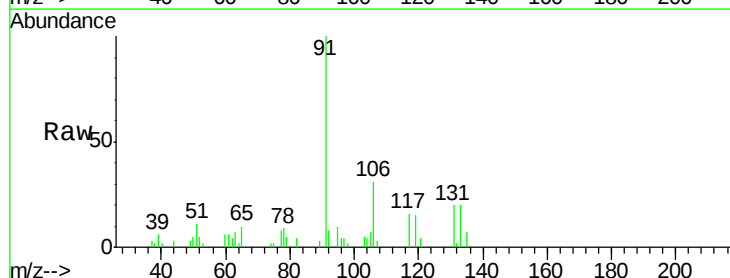
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:112 Resp: 11363
Ion Ratio Lower Upper
112 100
114 36.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.005 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion:131 Resp: 3524
Ion Ratio Lower Upper
131 100
133 109.4 47.6 142.9
119 0.0 34.4 103.3#

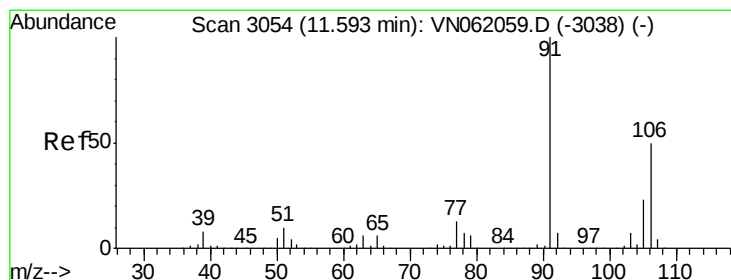
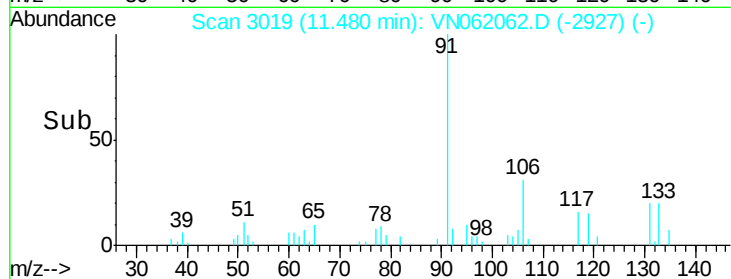
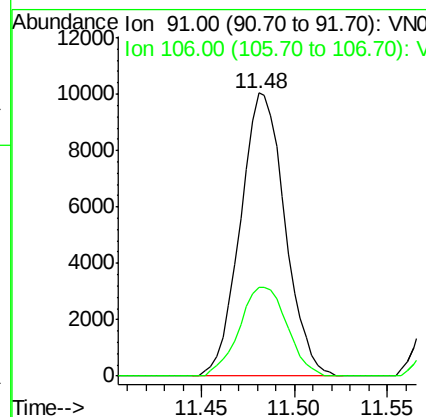
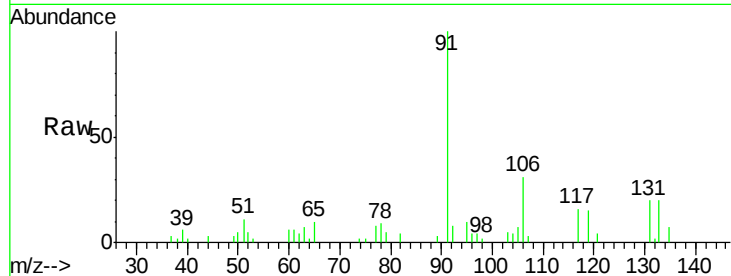




#67
Ethyl Benzene
Concen: 0.980 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

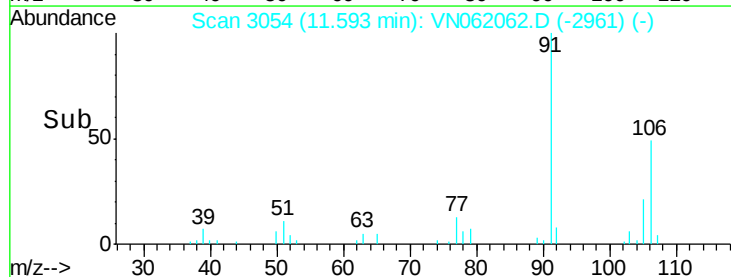
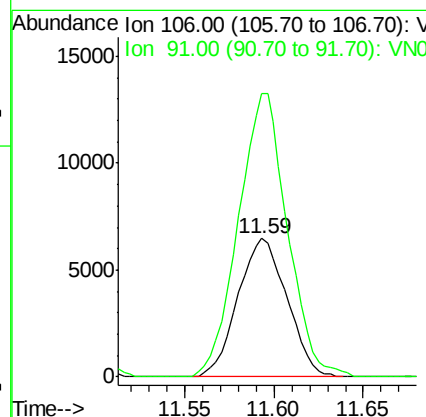
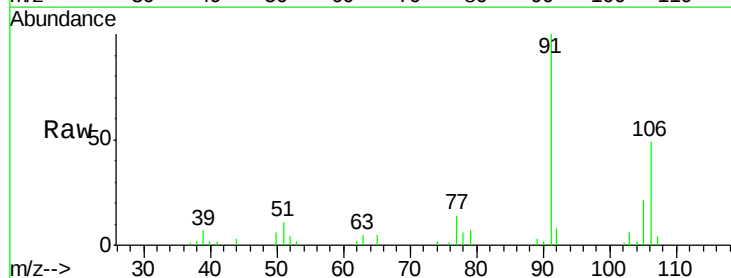
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

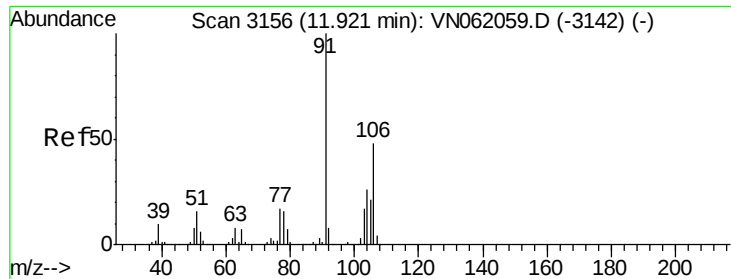
Tgt Ion: 91 Resp: 16785
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 1.877 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 106 Resp: 12434
Ion Ratio Lower Upper
106 100
91 204.1 157.8 236.8

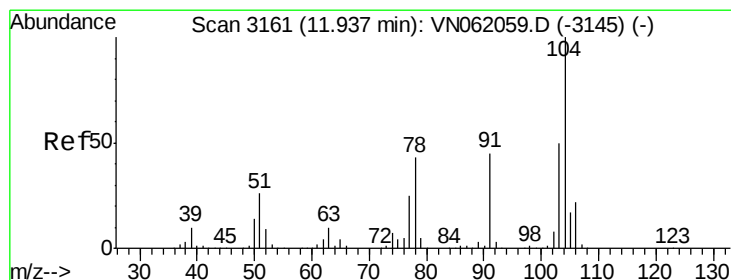
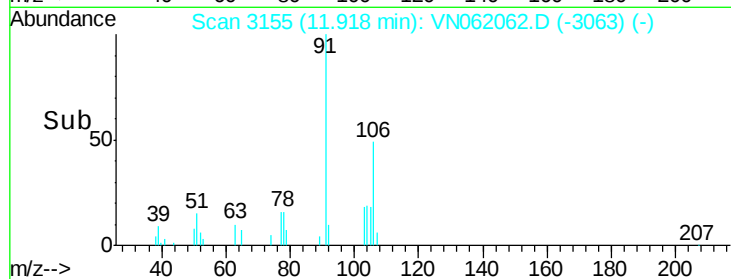
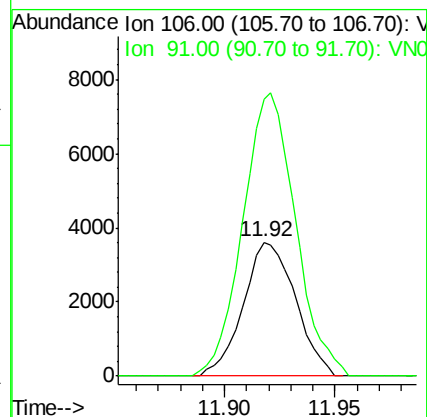
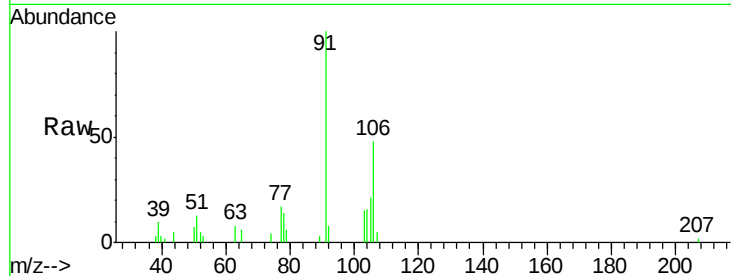




#69
o-Xylene
Concen: 0.946 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

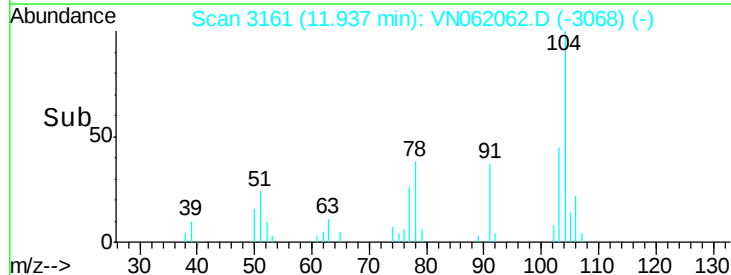
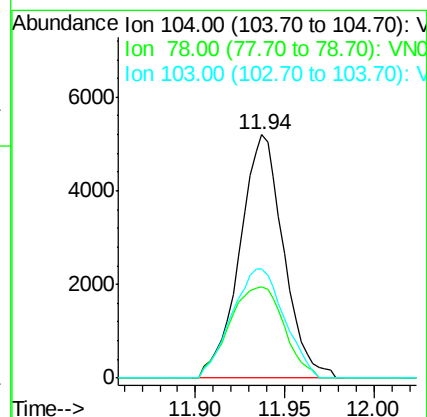
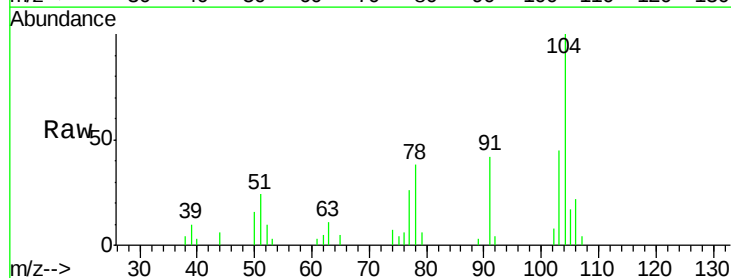
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 5914
Ion Ratio Lower Upper
106 100
91 213.9 104.0 311.9



#70
Styrene
Concen: 0.858 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion:104 Resp: 8938
Ion Ratio Lower Upper
104 100
78 46.5 37.7 56.5
103 53.3 43.0 64.6

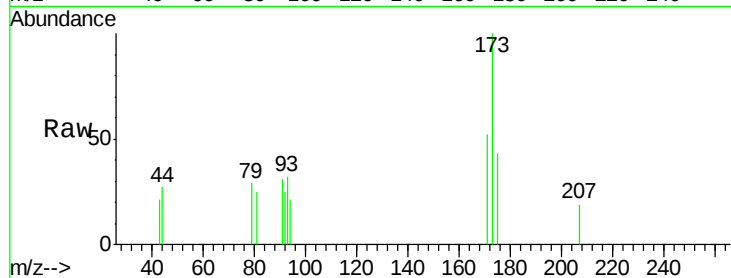




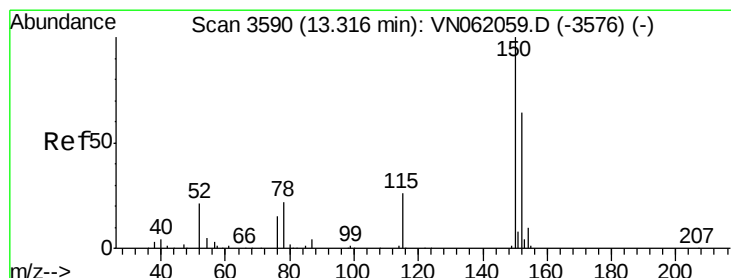
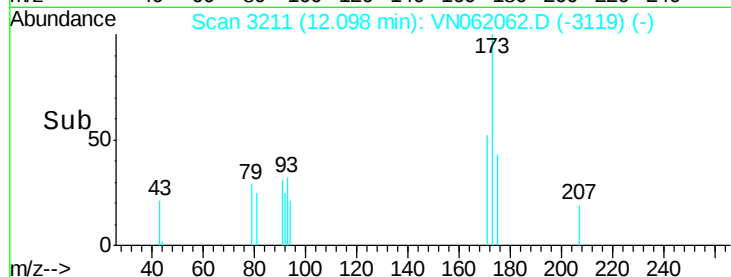
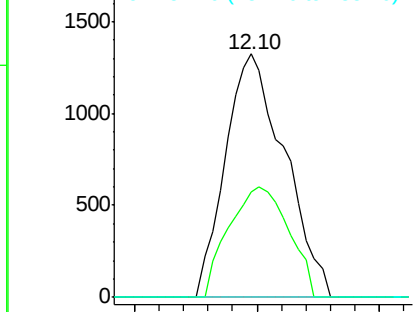
#71
Bromoform
Concen: 0.893 ug/l
RT: 12.10 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 2226
Ion Ratio Lower Upper
173 100
175 46.0 24.7 74.1
254 0.0 0.0 0.0

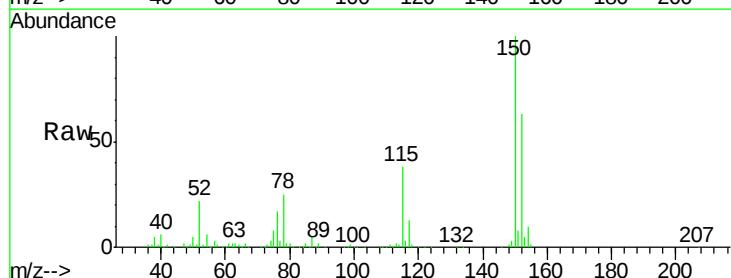


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

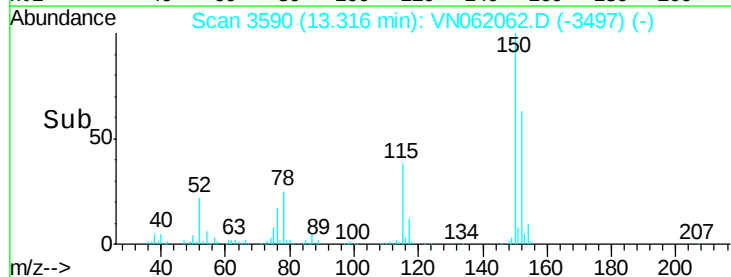
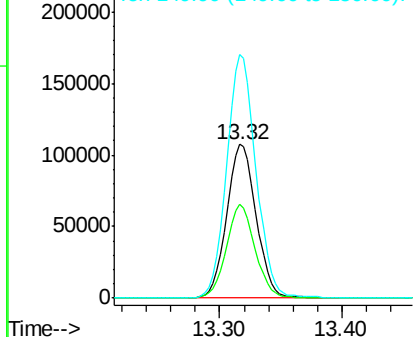


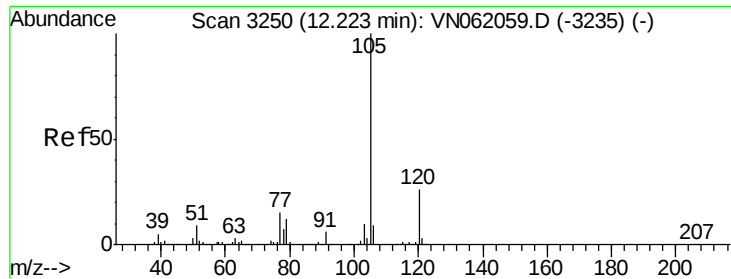
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion:152 Resp: 181083
Ion Ratio Lower Upper
152 100
115 58.8 29.5 88.5
150 158.0 0.0 351.4



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: 1.035 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

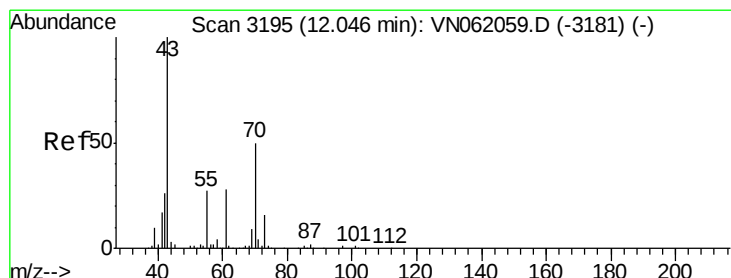
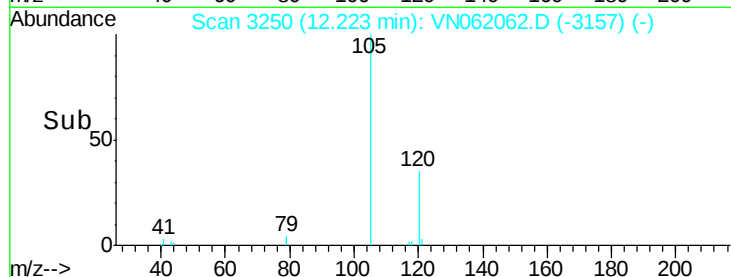
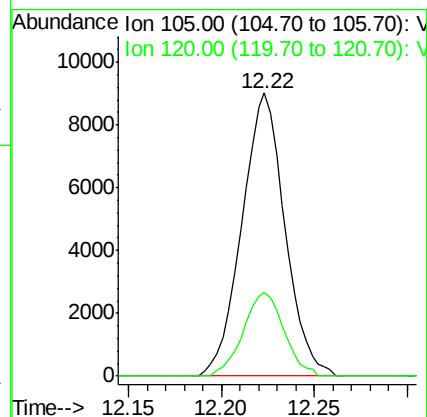
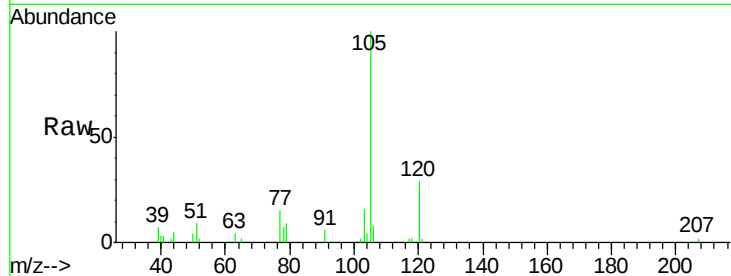
VSTDIC001

Tgt Ion:105 Resp: 14507

Ion Ratio Lower Upper

105 100

120 27.8 13.2 39.6



#74

N-ethyl acetate

Concen: 0.800 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Tgt Ion: 43 Resp: 3666

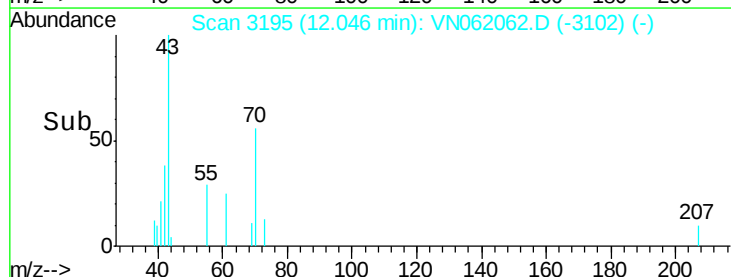
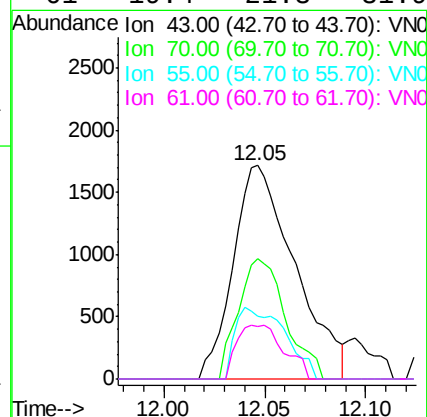
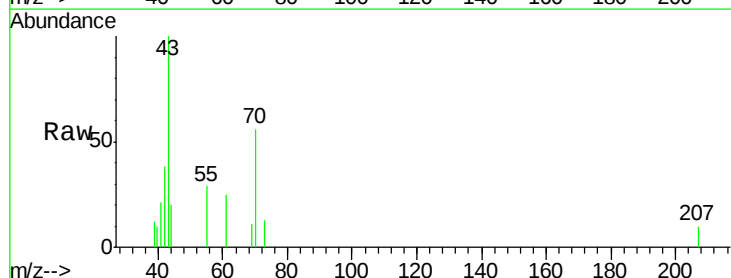
Ion Ratio Lower Upper

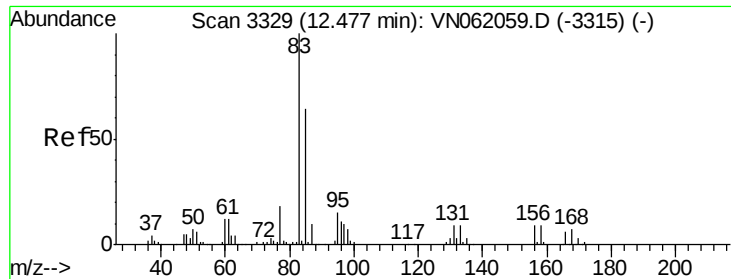
43 100

70 43.3 39.4 59.2

55 27.2 21.7 32.5

61 19.4 21.3 31.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.190 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

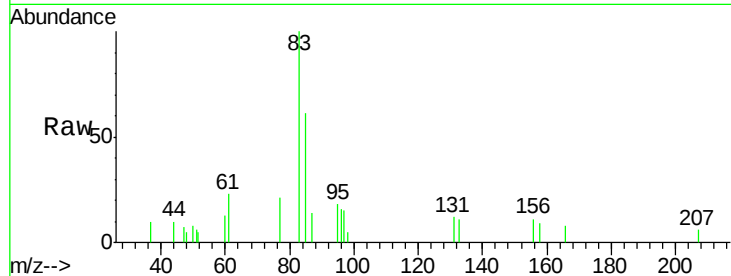
Tgt Ion: 83 Resp: 5549

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

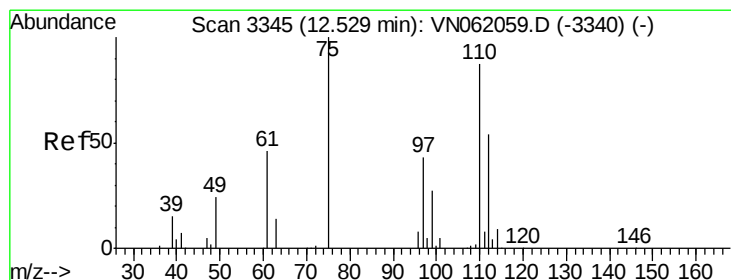
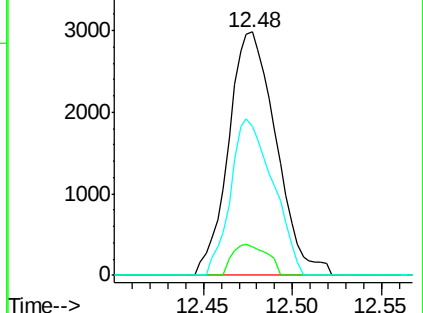
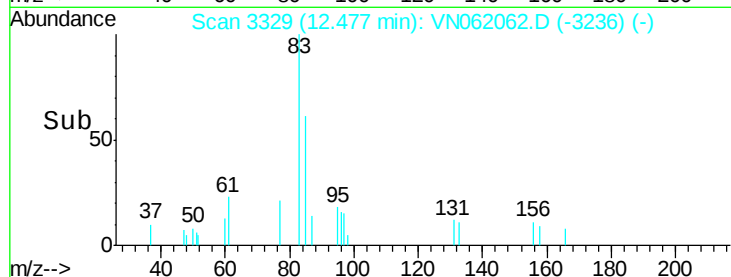
85 57.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062062.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062062.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062062.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 1.378 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062062.D

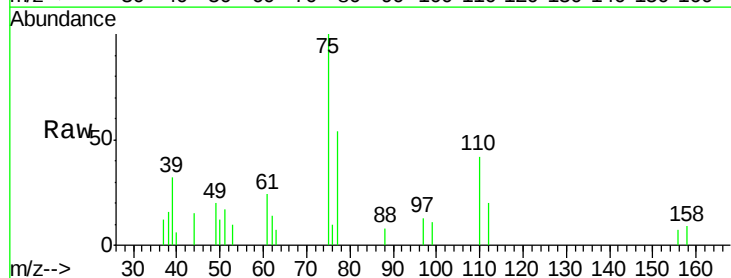
Acq: 24 Jun 2020 13:46

Tgt Ion: 75 Resp: 6235

Ion Ratio Lower Upper

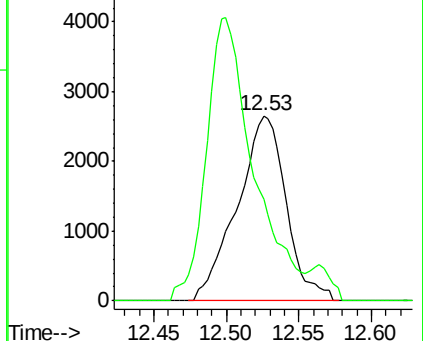
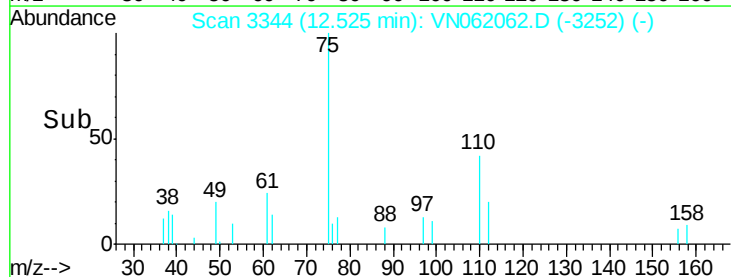
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062062.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062062.D (-3252) (-)





#77

Bromobenzene

Concen: 1.136 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

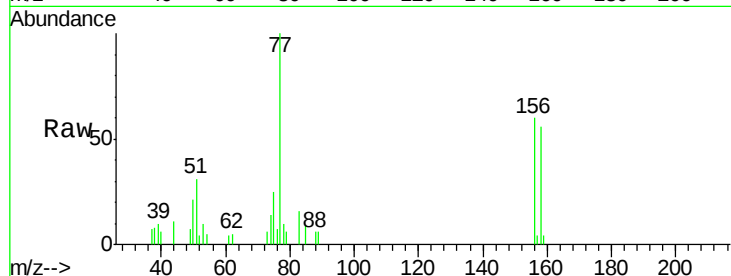
Tgt Ion:156 Resp: 3953

Ion Ratio Lower Upper

156 100

77 232.4 104.6 313.8

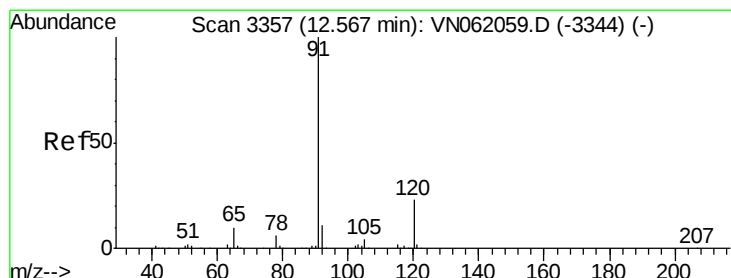
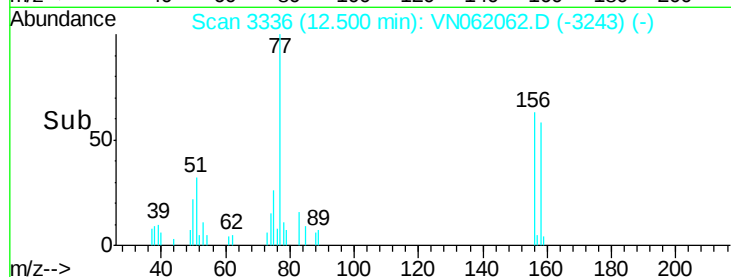
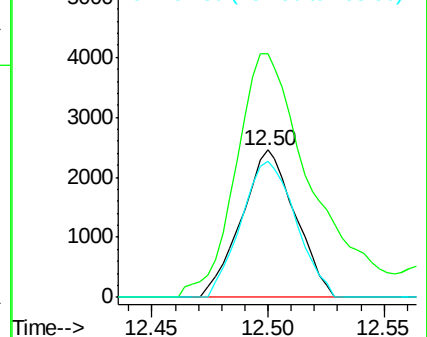
158 94.2 48.0 144.0



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: 1.053 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062062.D

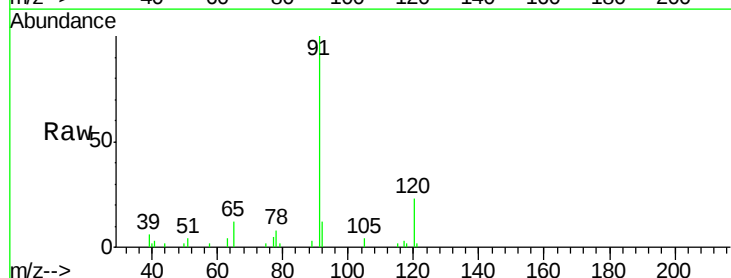
Acq: 24 Jun 2020 13:46

Tgt Ion: 91 Resp: 16883

Ion Ratio Lower Upper

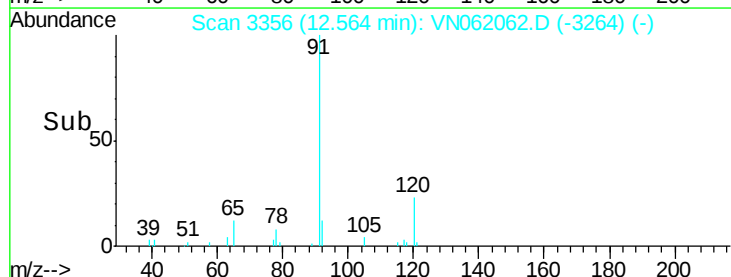
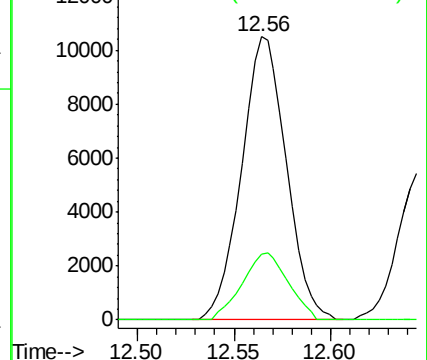
91 100

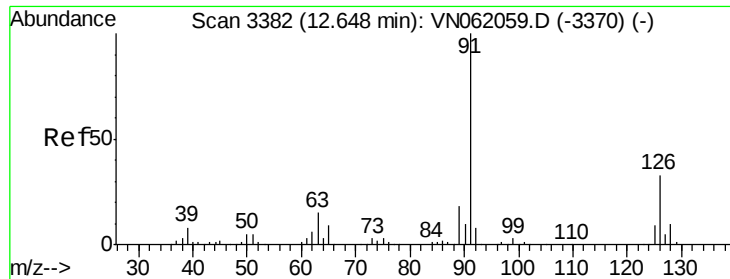
120 24.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.068 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

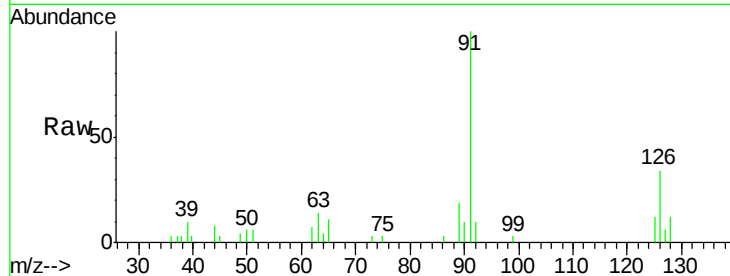
VSTDIC001

Tgt Ion: 91 Resp: 10356

Ion Ratio Lower Upper

91 100

126 31.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

10000

8000

6000

4000

2000

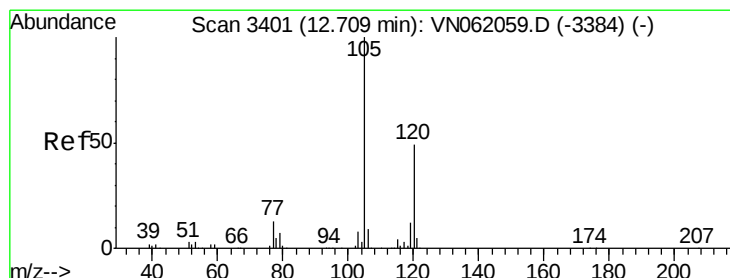
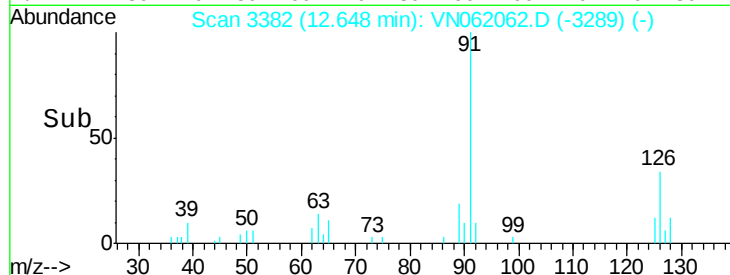
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.947 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062062.D

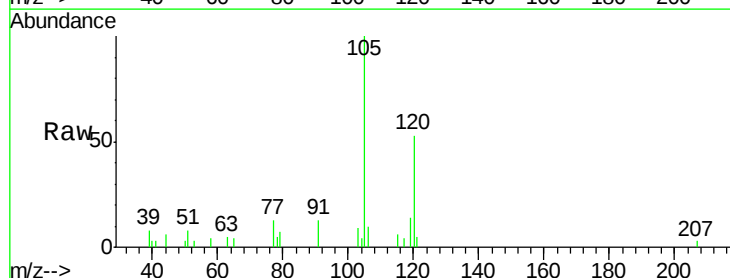
Acq: 24 Jun 2020 13:46

Tgt Ion: 105 Resp: 10758

Ion Ratio Lower Upper

105 100

120 50.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

6000

4000

2000

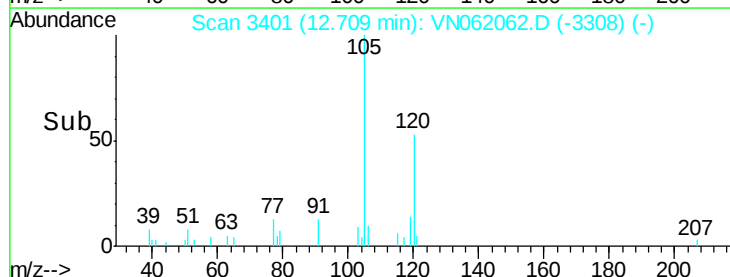
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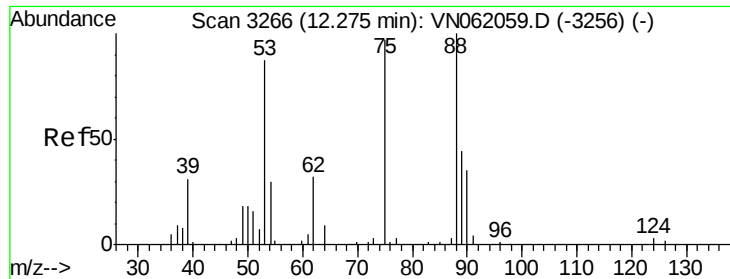
12.65

12.70

12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 0.802 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062062.D

Acq: 24 Jun 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

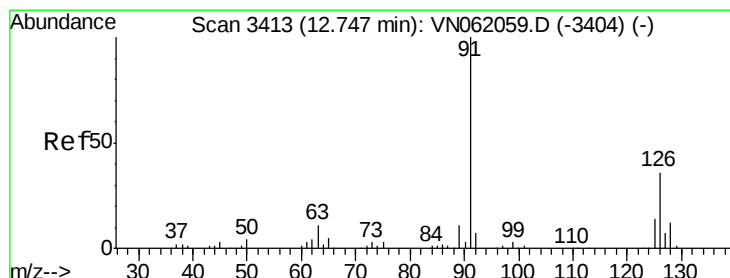
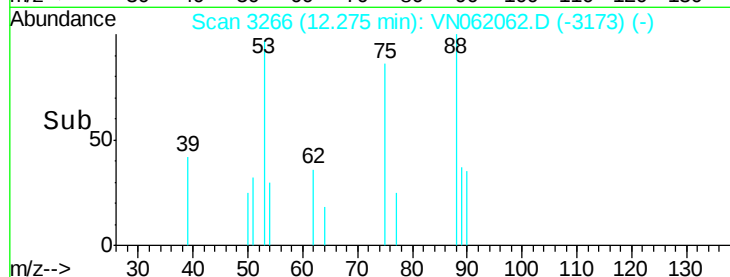
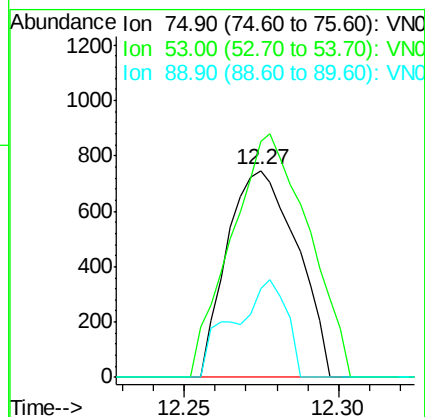
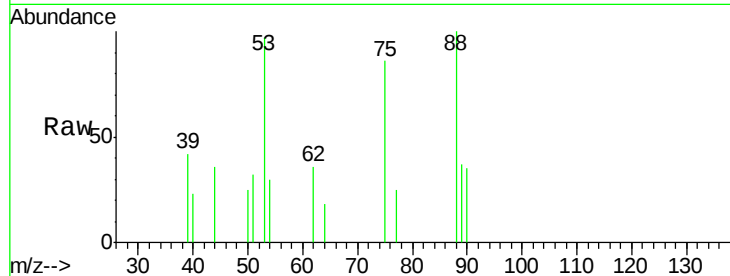
Tgt Ion: 75 Resp: 1171

Ion Ratio Lower Upper

75 100

53 129.5 72.0 108.0#

89 36.0 36.9 55.3#



#82

4-Chlorotoluene

Concen: 1.018 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062062.D

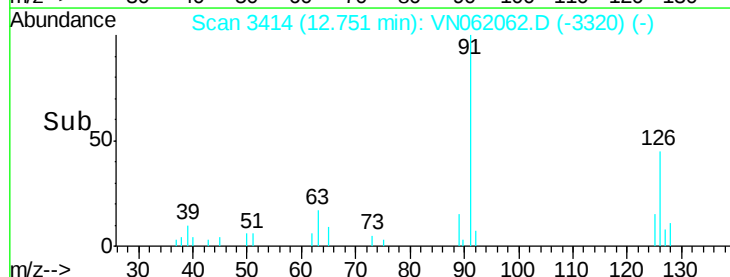
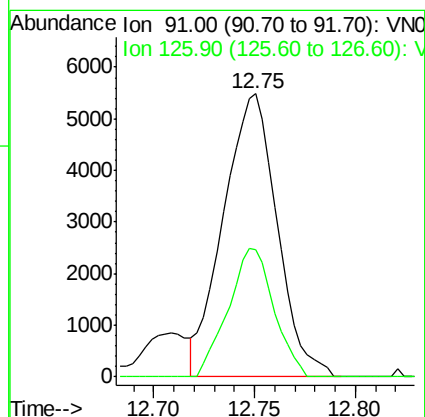
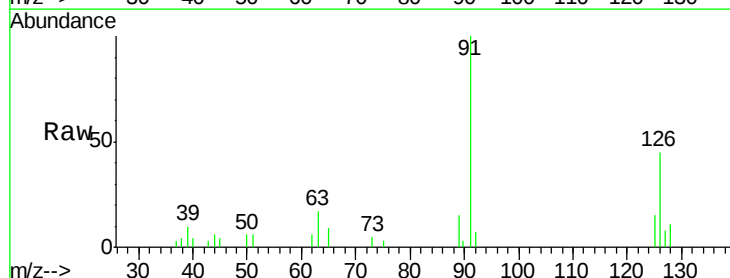
Acq: 24 Jun 2020 13:46

Tgt Ion: 91 Resp: 10200

Ion Ratio Lower Upper

91 100

126 38.6 16.7 50.1

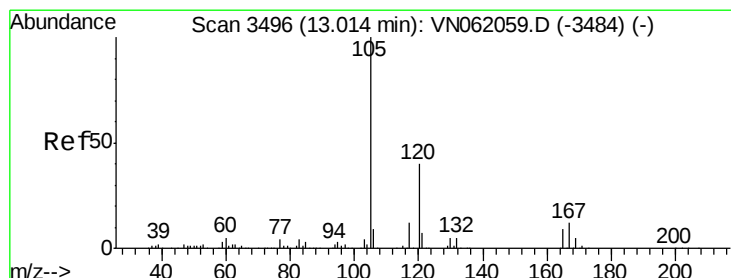
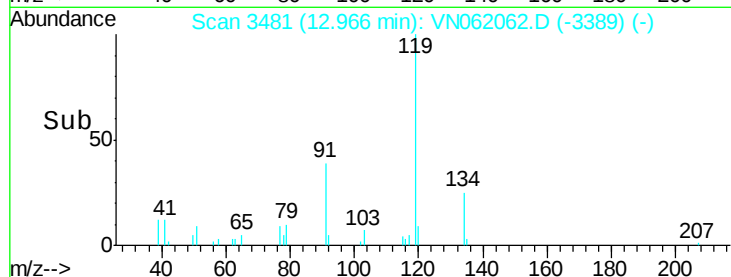
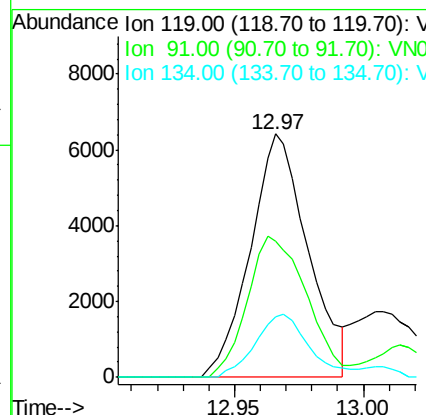
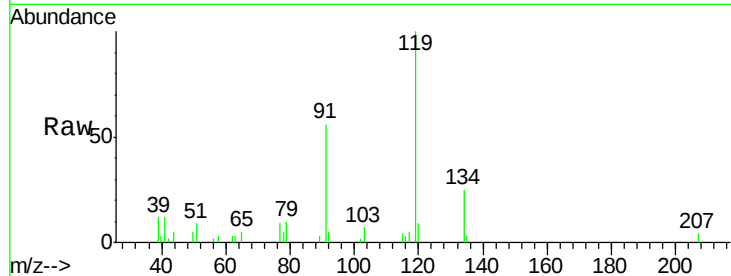




#83
 tert-Butylbenzene
 Concen: 1.029 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

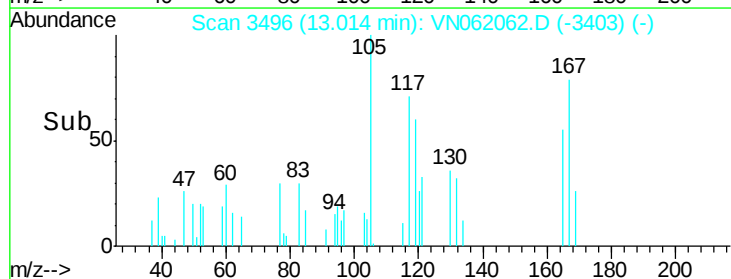
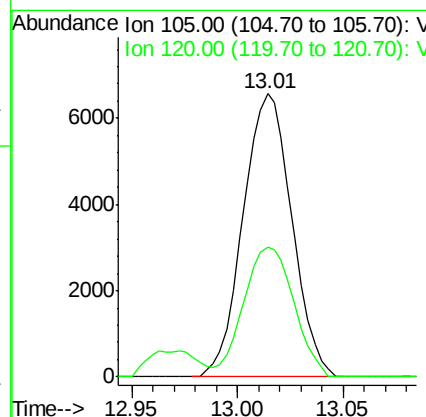
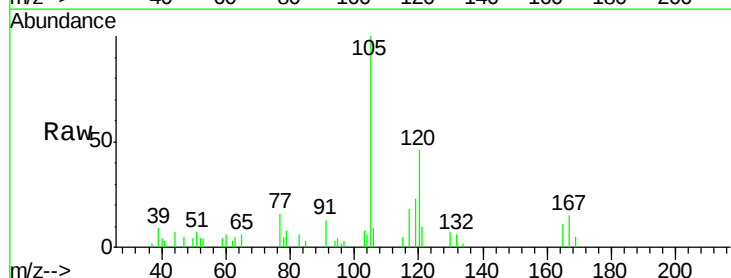
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

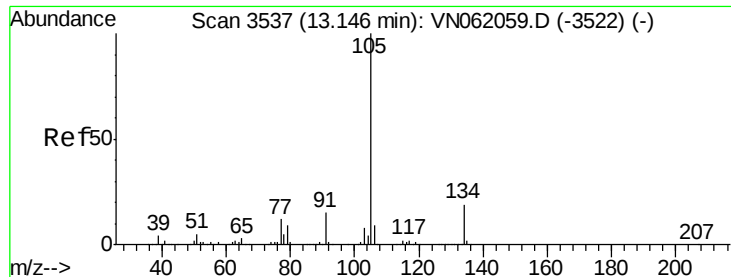
Tgt Ion:119 Resp: 10006
 Ion Ratio Lower Upper
 119 100
 91 59.8 31.7 95.1
 134 24.5 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.929 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion:105 Resp: 10541
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.5

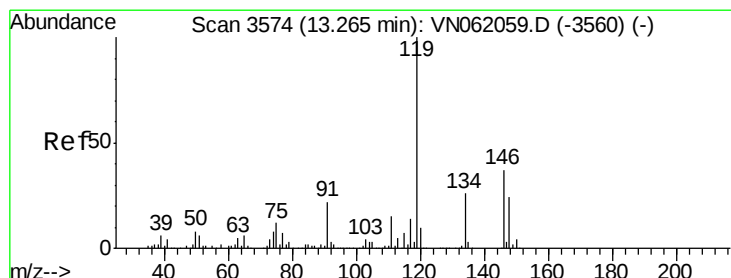
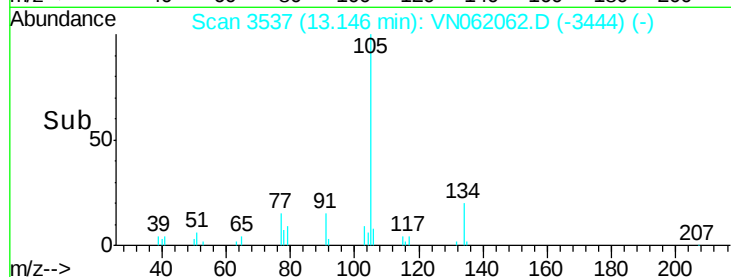
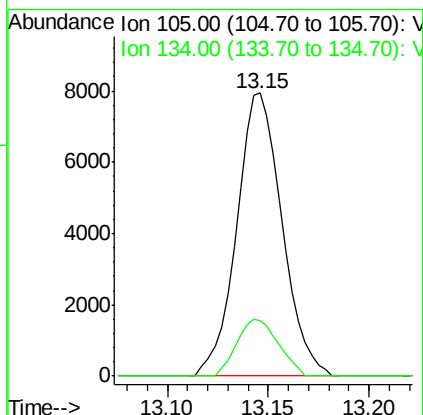
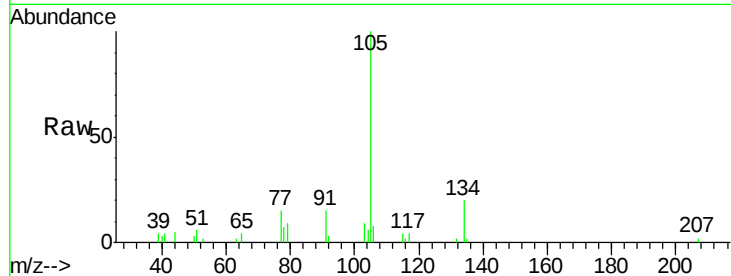




#85
 sec-Butylbenzene
 Concen: 0.974 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

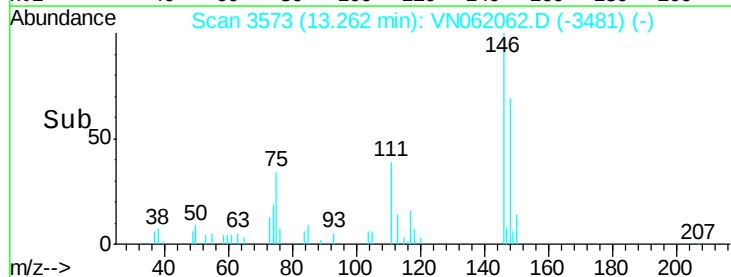
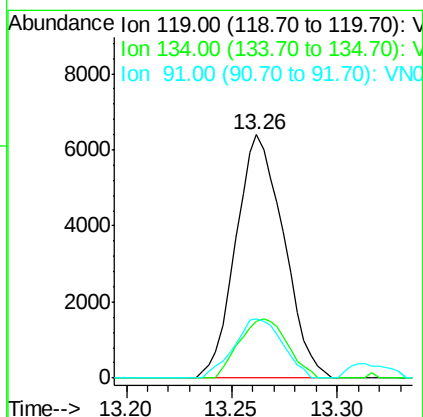
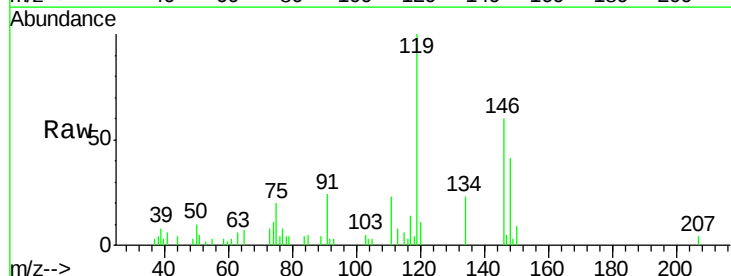
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 12515
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.895 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion:119 Resp: 10077
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.0 39.0
 91 24.6 11.3 33.8

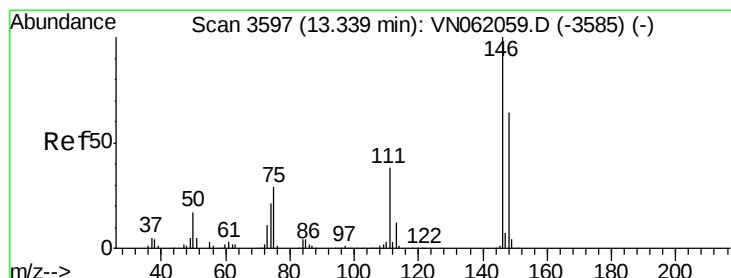
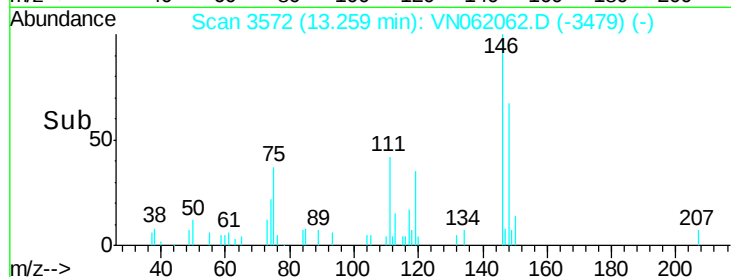
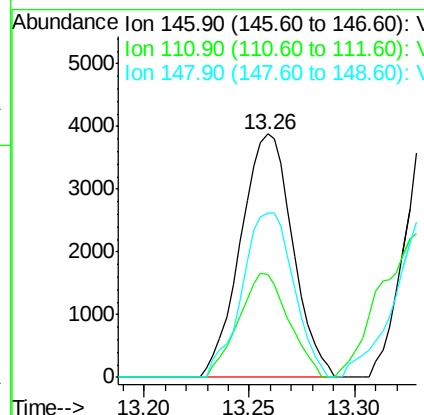
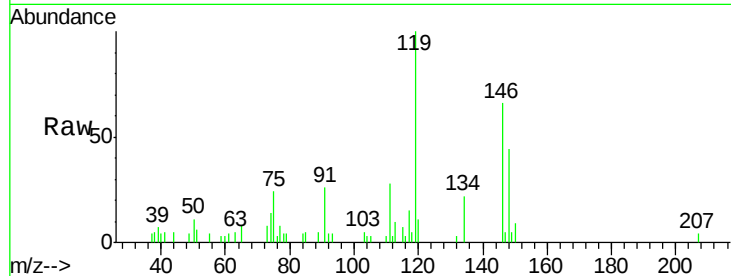




#87
 1,3-Dichlorobenzene
 Concen: 1.092 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

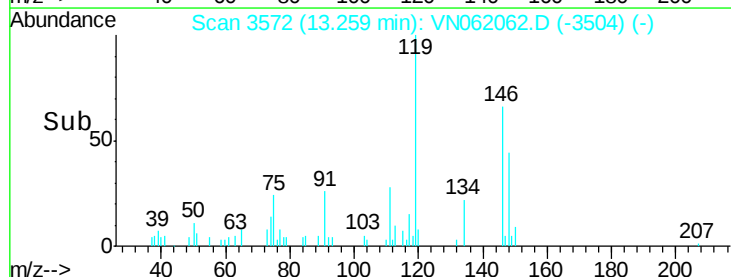
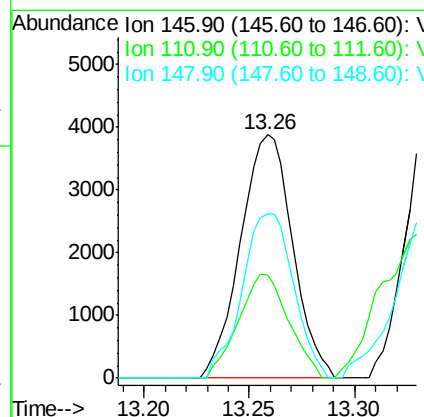
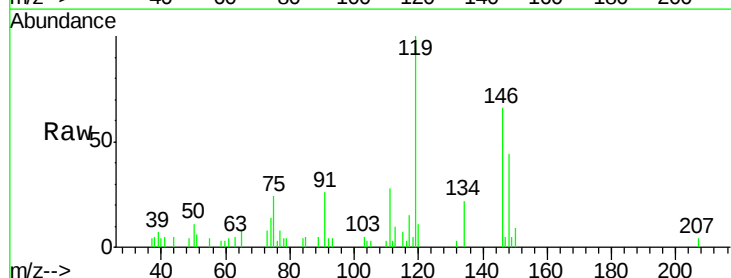
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

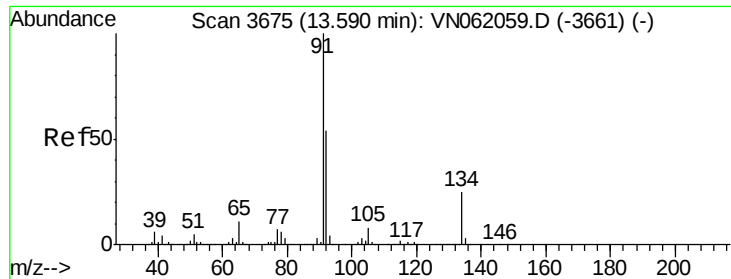
Tgt Ion:146 Resp: 6672
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 66.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 1.084 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.08 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion:146 Resp: 6672
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.9 59.6
 148 66.7 31.9 95.9

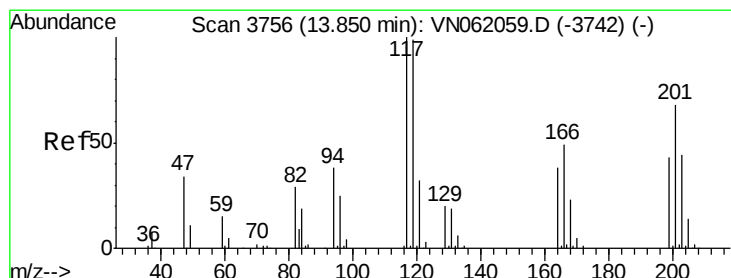
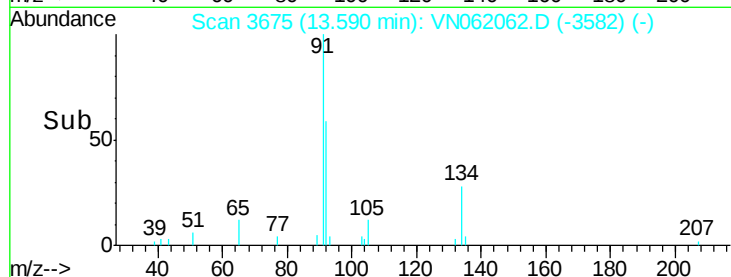
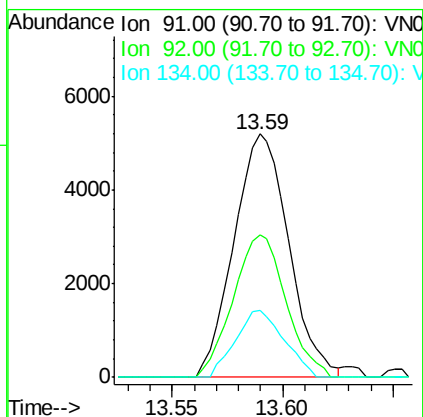
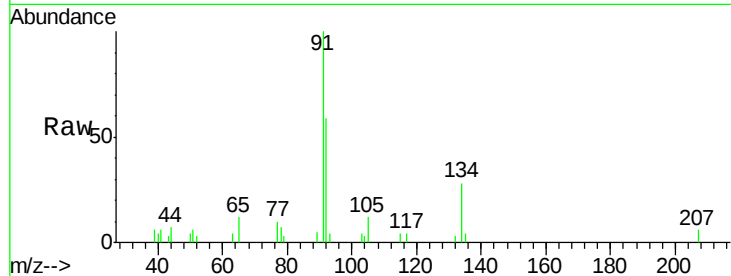




#89
n-Butylbenzene
Concen: 0.955 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

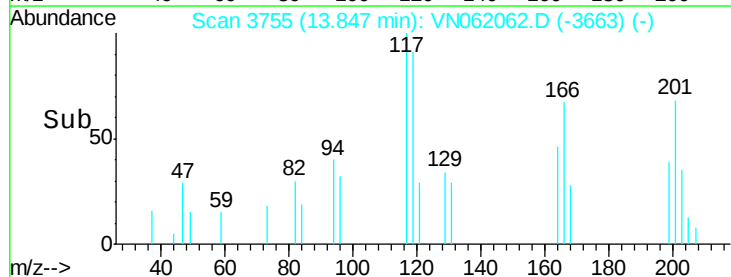
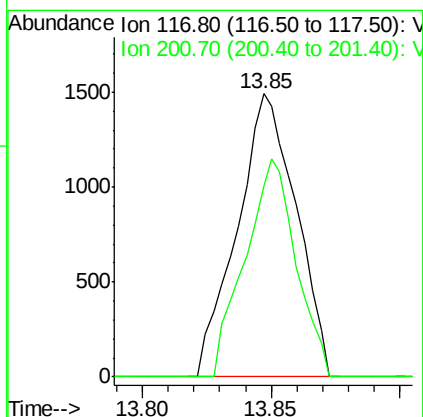
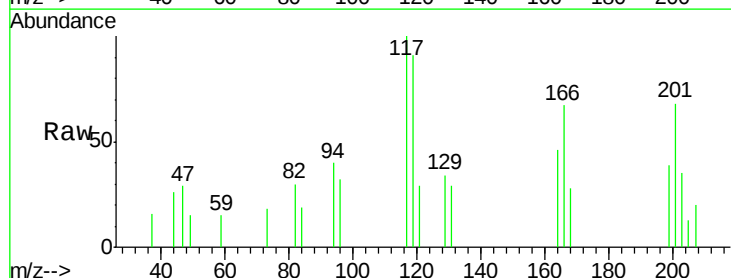
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 91 Resp: 8943
Ion Ratio Lower Upper
91 100
92 56.3 26.6 79.7
134 24.3 12.3 36.9



#90
Hexachloroethane
Concen: 1.078 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion: 117 Resp: 2381
Ion Ratio Lower Upper
117 100
201 66.5 32.7 98.1

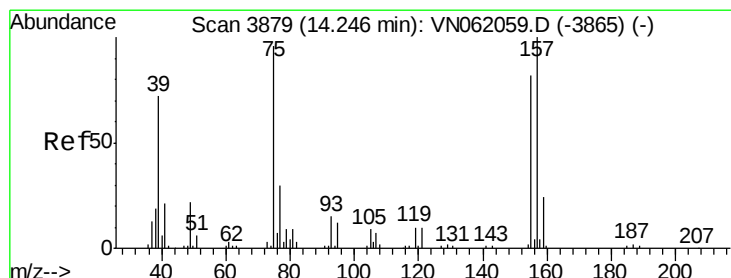
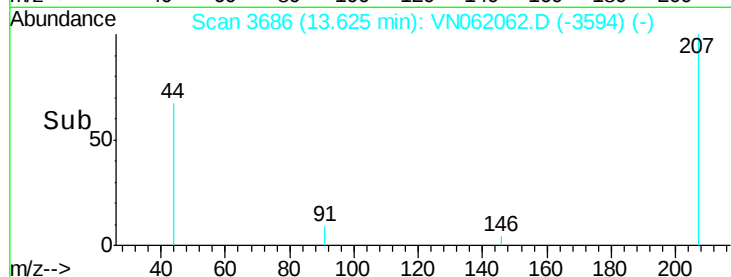
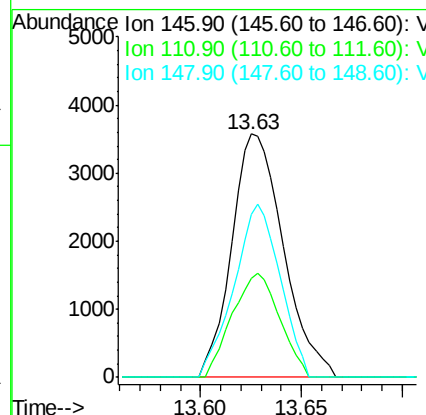
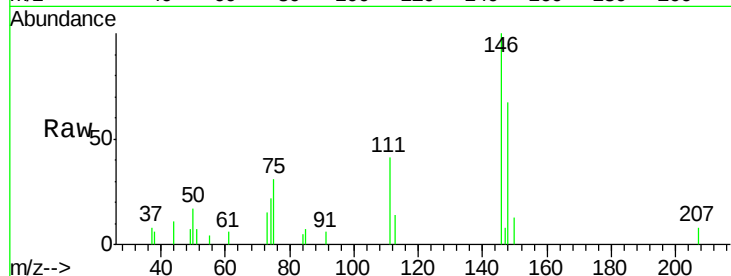




#91
 1,2-Dichlorobenzene
 Concen: 1.080 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

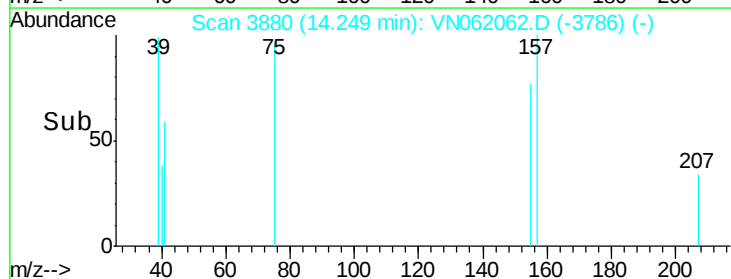
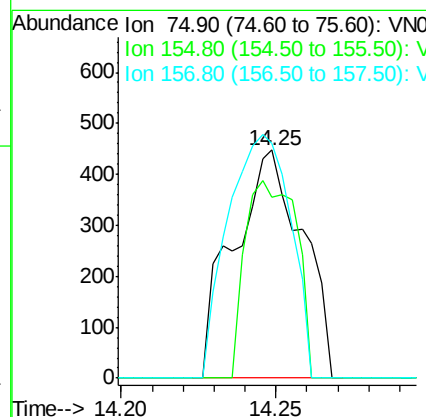
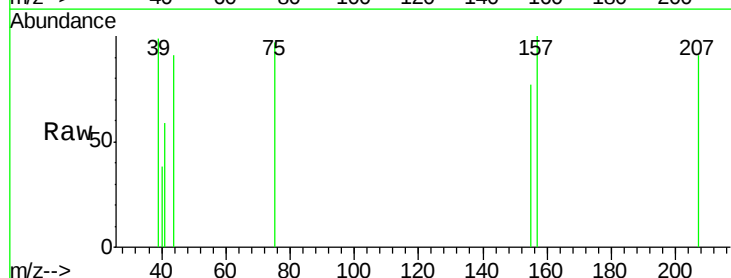
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

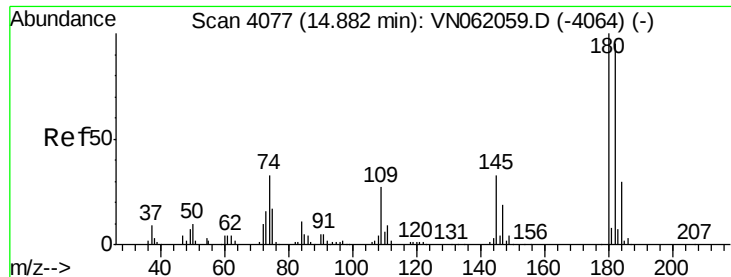
Tgt Ion: 146 Resp: 6399
 Ion Ratio Lower Upper
 146 100
 111 39.4 21.2 63.6
 148 63.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.930 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion: 75 Resp: 695
 Ion Ratio Lower Upper
 75 100
 155 63.7 40.8 122.4
 157 96.8 51.4 154.3

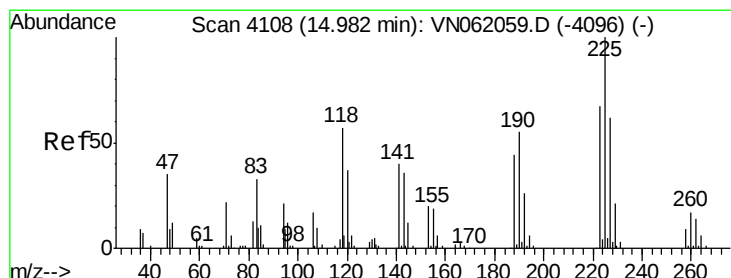
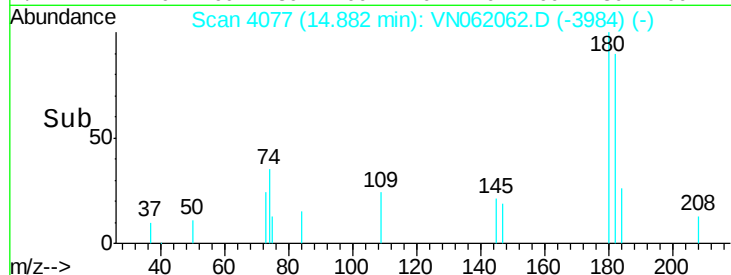
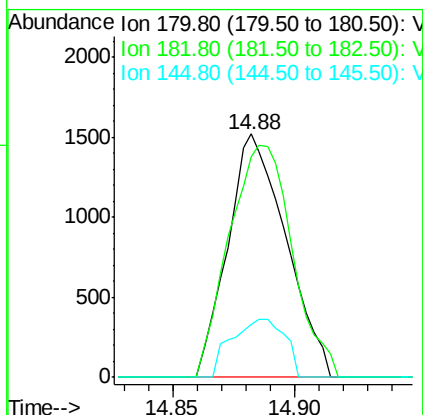
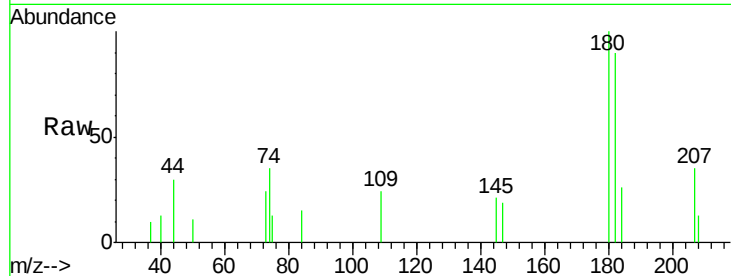




#93
 1,2,4-Trichlorobenzene
 Concen: 0.970 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

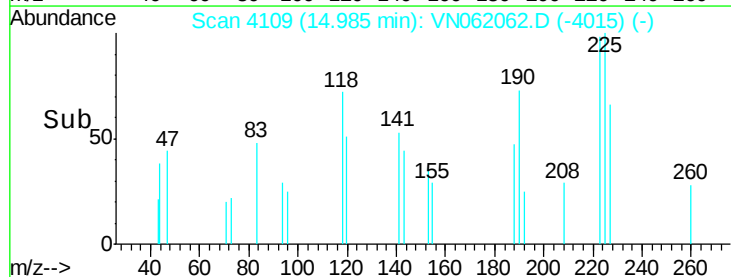
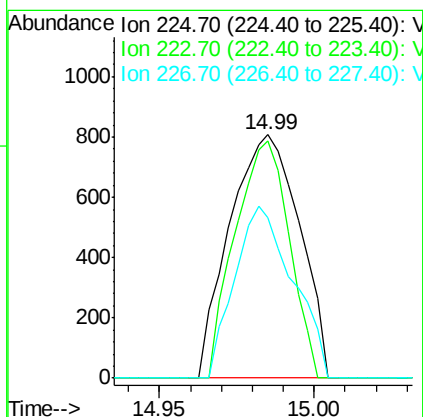
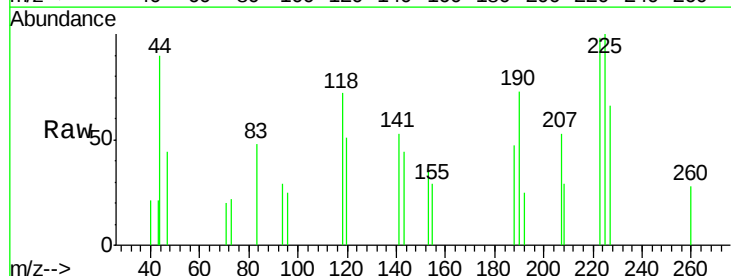
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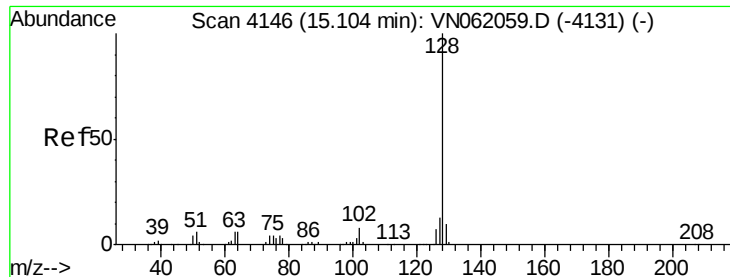
Tgt Ion:180 Resp: 2511
 Ion Ratio Lower Upper
 180 100
 182 103.9 48.0 144.2
 145 21.8 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 1.125 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062062.D
 Acq: 24 Jun 2020 13:46

Tgt Ion:225 Resp: 1265
 Ion Ratio Lower Upper
 225 100
 223 76.0 32.9 98.7
 227 59.2 31.3 93.8

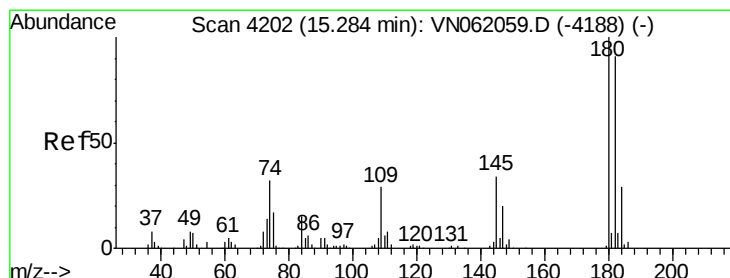
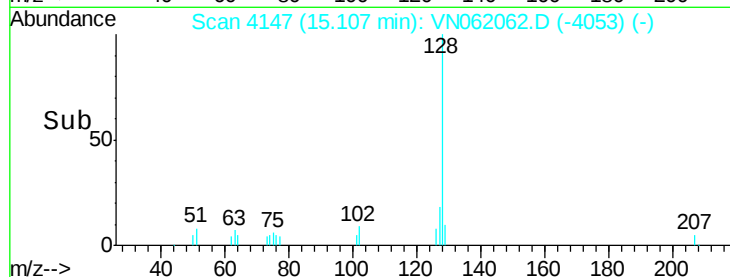
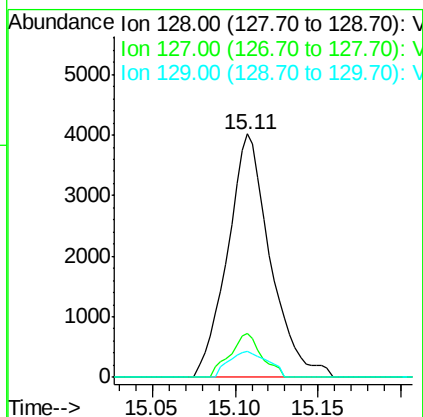
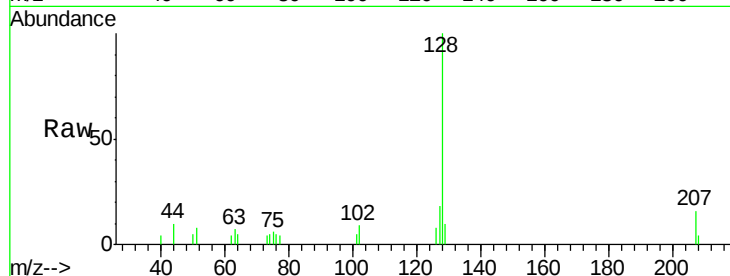




#95
Naphthalene
Concen: 0.953 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:128 Resp: 7193
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 9.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.036 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062062.D
Acq: 24 Jun 2020 13:46

Tgt Ion:180 Resp: 2741
Ion Ratio Lower Upper
180 100
182 100.7 46.8 140.4
145 24.6 16.4 49.2

