

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061120\
 Data File : VN061767.D
 Acq On : 12 Jun 2020 3:19
 Operator : JC/MD
 Sample : VN0611WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Quant Time: Jun 12 08:44:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	262541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	168462	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.54	113	135018	58.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.92%	
50) Toluene-d8	10.06	98	540388	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.38	95	192967	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46023	15.98	ug/l	98
3) Chloromethane	2.03	50	58485	18.26	ug/l	98
4) Vinyl Chloride	2.16	62	71636	16.32	ug/l	100
5) Bromomethane	2.53	94	53292	21.16	ug/l	98
6) Chloroethane	2.67	64	52778	18.69	ug/l	99
7) Trichlorofluoromethane	2.98	101	85778	15.16	ug/l	99
8) Diethyl Ether	3.37	74	36776	21.25	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45707	18.20	ug/l	99
10) Methyl Iodide	3.90	142	72292	20.74	ug/l	99
11) Tert butyl alcohol	4.73	59	50261	120.80	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	47119	17.56	ug/l	93
13) Acrolein	3.56	56	11795	76.61	ug/l	93
14) Allyl chloride	4.27	41	61662	17.58	ug/l	97
15) Acrylonitrile	4.93	53	121441	104.57	ug/l	99
16) Acetone	3.77	43	97489	109.60	ug/l	94
17) Carbon Disulfide	4.00	76	105891	17.94	ug/l	97
18) Methyl Acetate	4.27	43	59871	21.14	ug/l	97
19) Methyl tert-butyl Ether	4.98	73	189505	20.73	ug/l	99
20) Methylene Chloride	4.49	84	64491	21.70	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	58973	19.49	ug/l	95
22) Diisopropyl ether	5.90	45	161180	20.85	ug/l	95
23) Vinyl Acetate	5.84	43	578089	93.83	ug/l	97
24) 1,1-Dichloroethane	5.79	63	100422	20.49	ug/l	100
25) 2-Butanone	6.78	43	143280	96.65	ug/l	98
26) 2,2-Dichloropropane	6.77	77	62486	13.93	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	72869	21.27	ug/l	96
28) Bromochloromethane	7.15	49	44137	23.24	ug/l	96
29) Tetrahydrofuran	7.16	42	92789	94.92	ug/l	95
30) Chloroform	7.32	83	116681	21.52	ug/l	97
31) Cyclohexane	7.61	56	64706	14.68	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	90809	18.38	ug/l	99
36) 1,1-Dichloropropene	7.75	75	69361	17.36	ug/l	99
37) Ethyl Acetate	6.87	43	61574	19.13	ug/l #	92
38) Carbon Tetrachloride	7.73	117	70203	18.21	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	68440	13.89	ug/l	100
40) Benzene	8.00	78	247993	20.11	ug/l	99
41) Methacrylonitrile	7.12	41	26381	17.89	ug/l	95
42) 1,2-Dichloroethane	8.08	62	85109	20.62	ug/l	98
43) Isopropyl Acetate	8.12	43	106628	18.41	ug/l	97
44) Trichloroethene	8.80	130	72723	19.19	ug/l	96
45) 1,2-Dichloropropane	9.08	63	62198	21.24	ug/l	98
46) Dibromomethane	9.17	93	46383	20.65	ug/l	95
47) Bromodichloromethane	9.37	83	94616	21.27	ug/l	99
48) Methyl methacrylate	9.17	41	45604	17.50	ug/l	97
49) 1,4-Dioxane	9.16	88	24591	609.23	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	303874	93.11	ug/l	97
52) Toluene	10.12	92	161017	20.01	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	93091	19.42	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	102578	19.90	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	69604	21.71	ug/l	97
56) Ethyl methacrylate	10.40	69	85547	19.10	ug/l	97
57) 1,3-Dichloropropane	10.68	76	108693	21.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	146309	76.44	ug/l	98
59) 2-Hexanone	10.72	43	210990	90.02	ug/l	98
60) Dibromochloromethane	10.87	129	78897	21.64	ug/l	100
61) 1,2-Dibromoethane	10.98	107	71569	21.40	ug/l	99
64) Tetrachloroethene	10.60	164	75144	18.14	ug/l	97
65) Chlorobenzene	11.40	112	180183	19.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	71074	20.86	ug/l	99
67) Ethyl Benzene	11.48	91	286700	18.13	ug/l	100
68) m/p-Xylenes	11.59	106	227068	36.22	ug/l	98
69) o-Xylene	11.92	106	111752	18.77	ug/l	96
70) Styrene	11.94	104	189267	19.19	ug/l	98
71) Bromoform	12.10	173	53066	20.22	ug/l #	100
73) Isopropylbenzene	12.22	105	274910	17.61	ug/l	99
74) N-amyl acetate	12.05	43	81318	16.54	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	85980	19.65	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	104760	26.93	ug/l #	100
77) Bromobenzene	12.50	156	82369	20.67	ug/l	96
78) n-propylbenzene	12.56	91	300068	17.21	ug/l	100
79) 2-Chlorotoluene	12.65	91	190571	18.34	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	231894	17.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23708	15.59	ug/l	96
82) 4-Chlorotoluene	12.75	91	200305	18.32	ug/l	100
83) tert-Butylbenzene	12.97	119	194318	16.85	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	238014	18.36	ug/l	98
85) sec-Butylbenzene	13.15	105	244784	16.47	ug/l	100
86) p-Isopropyltoluene	13.26	119	230413	16.84	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	137608	19.50	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	138354	19.24	ug/l	99
89) n-Butylbenzene	13.59	91	179691	15.68	ug/l	98
90) Hexachloroethane	13.85	117	34310	22.67	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	137724	20.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15129	16.95	ug/l	96

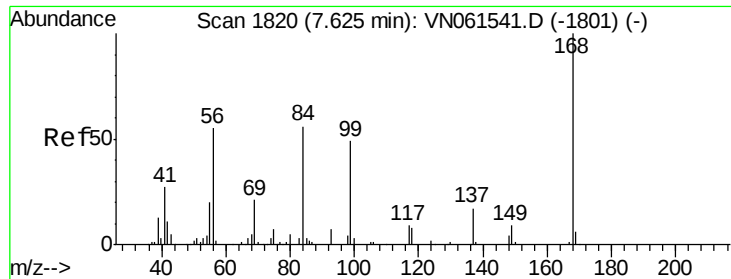
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061120\
Data File : VN061767.D
Acq On : 12 Jun 2020 3:19
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72674	18.42	ug/l	100
94) Hexachlorobutadiene	14.98	225	28344	16.85	ug/l	97
95) Naphthalene	15.11	128	205969	17.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	74829	19.29	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

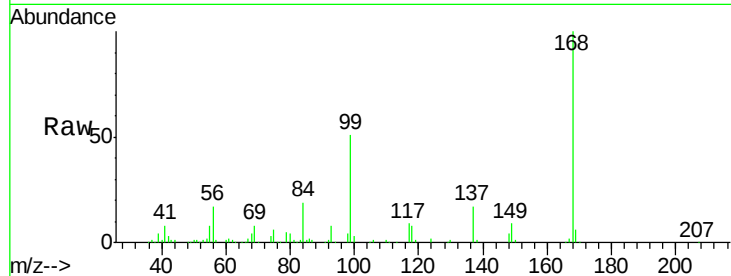
VN0611WBS02

Tgt Ion: 168 Resp: 262541

Ion Ratio Lower Upper

168 100

99 50.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

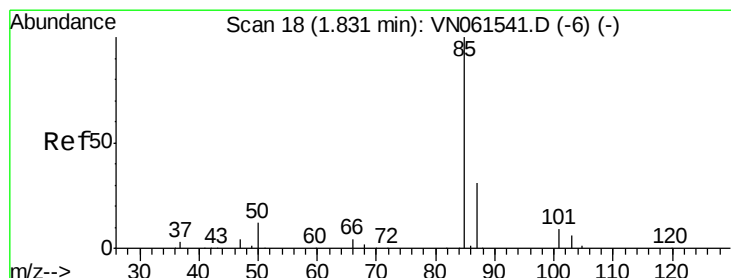
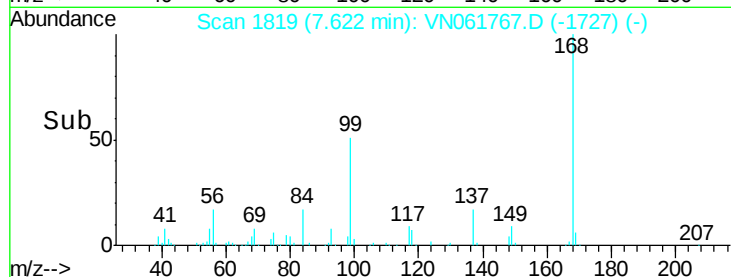
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 15.98 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061767.D

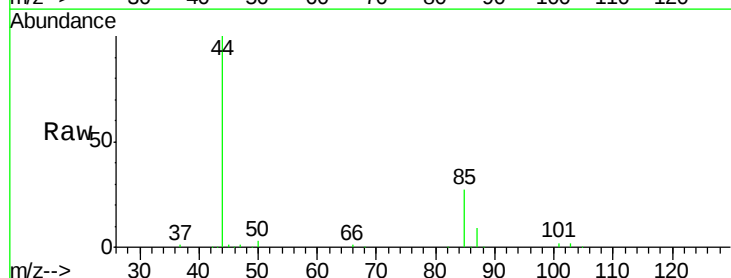
Acq: 12 Jun 2020 3:19

Tgt Ion: 85 Resp: 46023

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

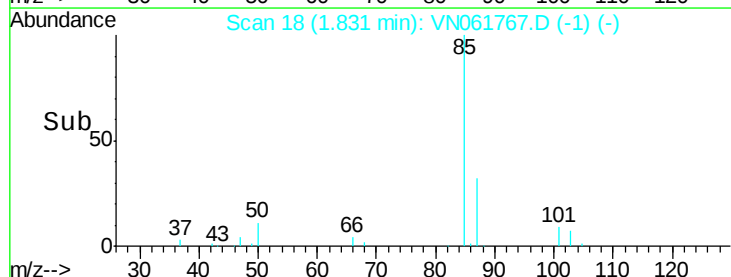
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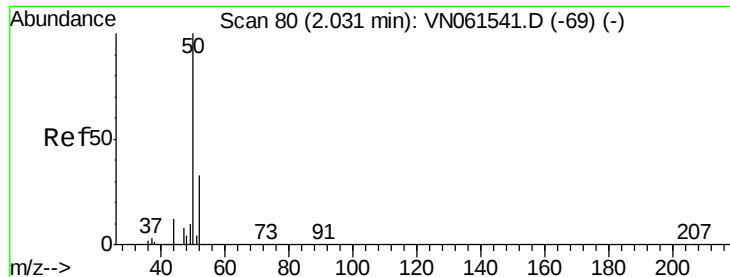
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.26 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampled :

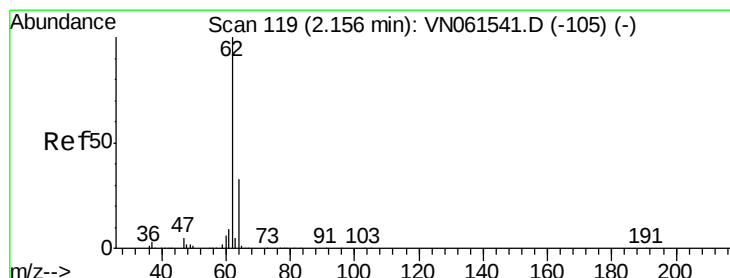
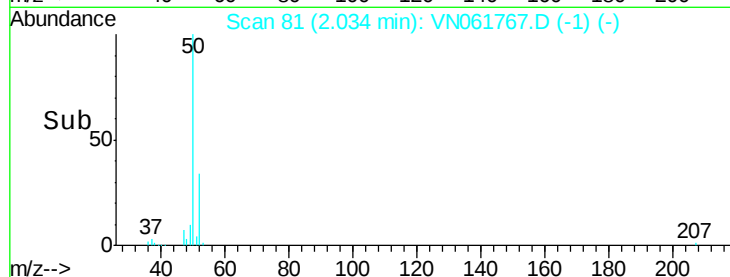
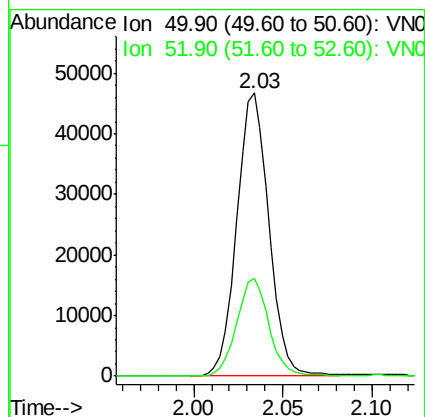
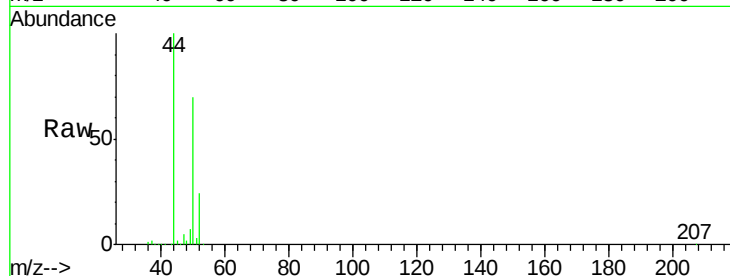
VN0611WBS02

Tgt Ion: 50 Resp: 58485

Ion Ratio Lower Upper

50 100

52 34.3 26.7 40.1



#4

Vinyl Chloride

Concen: 16.32 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061767.D

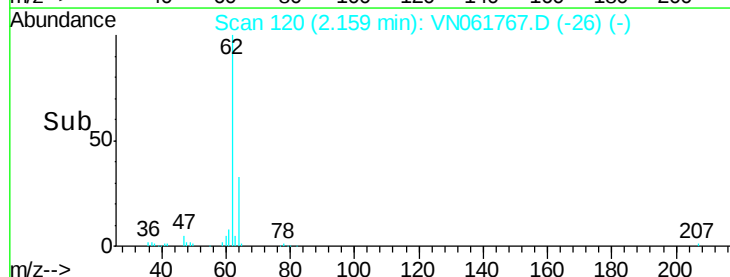
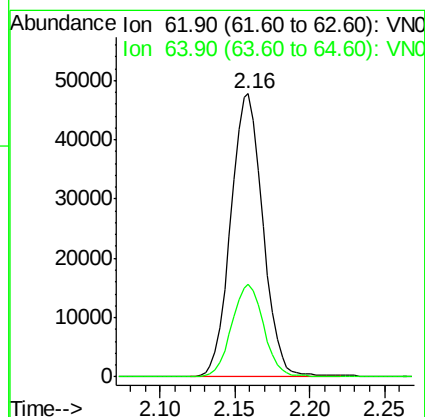
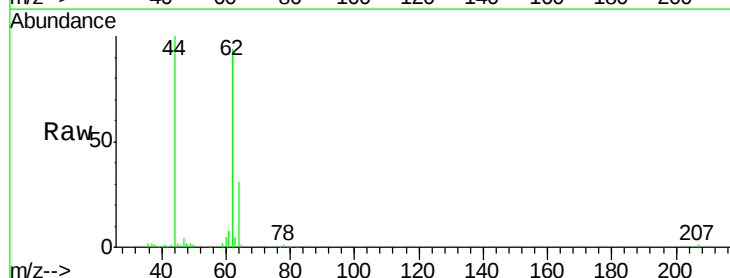
Acq: 12 Jun 2020 3:19

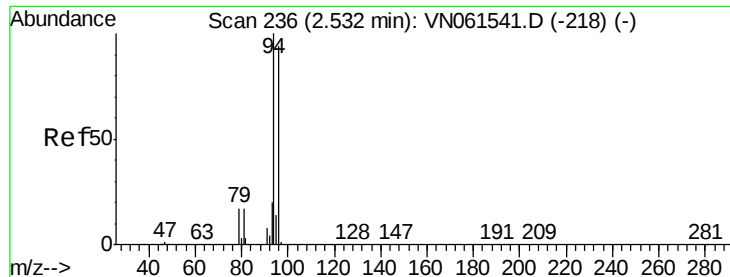
Tgt Ion: 62 Resp: 71636

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2





#5

Bromomethane

Concen: 21.16 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

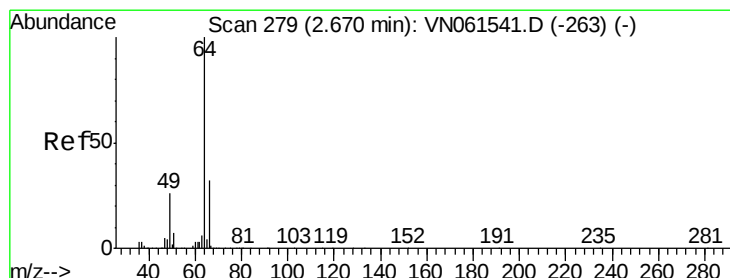
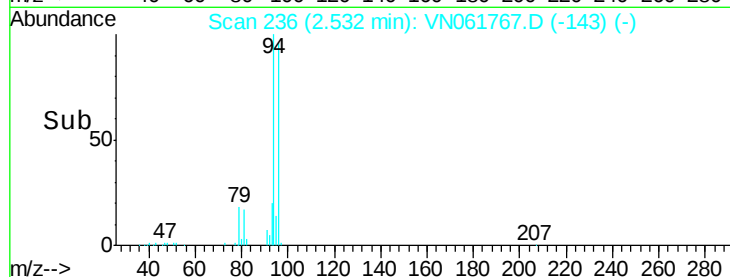
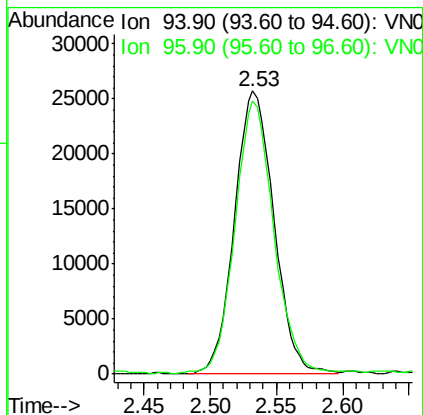
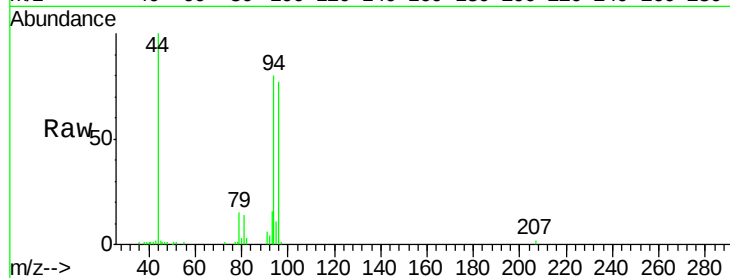
VN0611WBS02

Tgt Ion: 94 Resp: 53292

Ion Ratio Lower Upper

94 100

96 95.5 74.8 112.2



#6

Chloroethane

Concen: 18.69 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061767.D

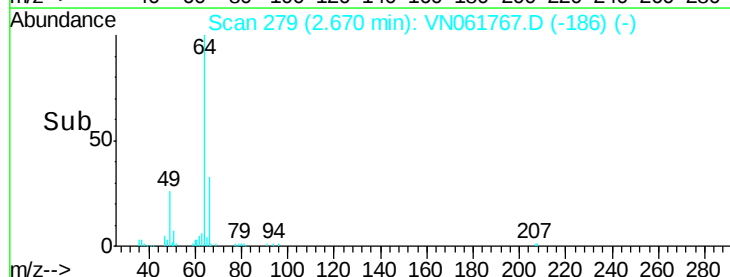
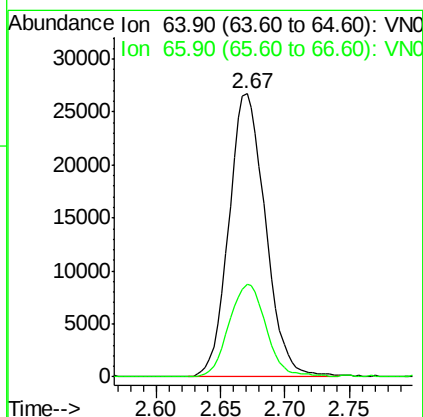
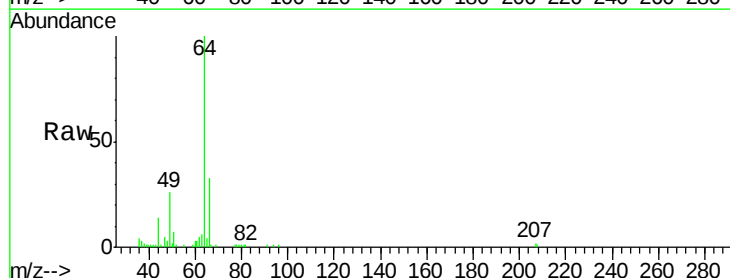
Acq: 12 Jun 2020 3:19

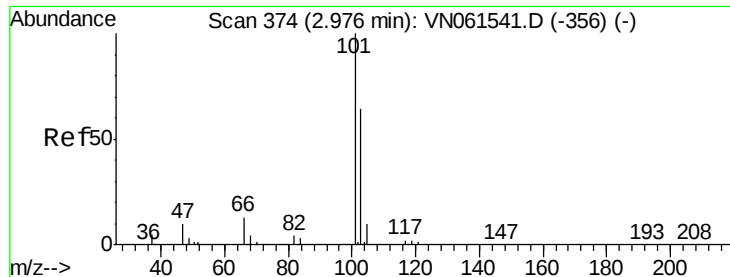
Tgt Ion: 64 Resp: 52778

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4



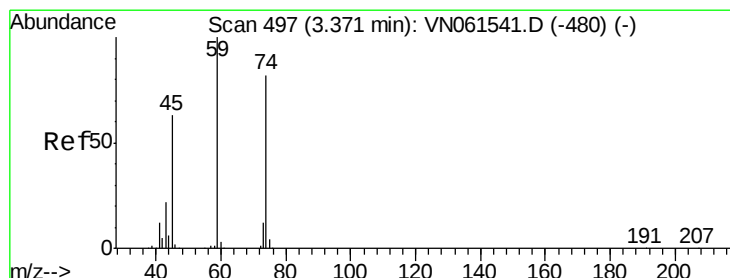
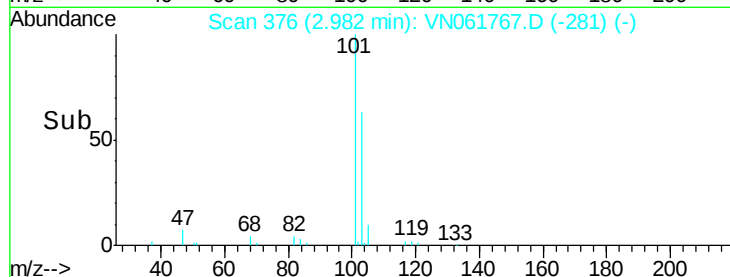
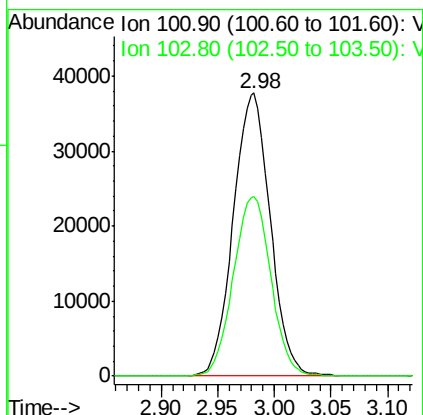
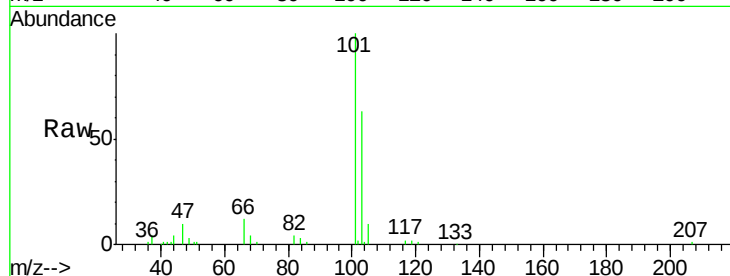


#7

Trichlorofluoromethane
Concen: 15.16 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

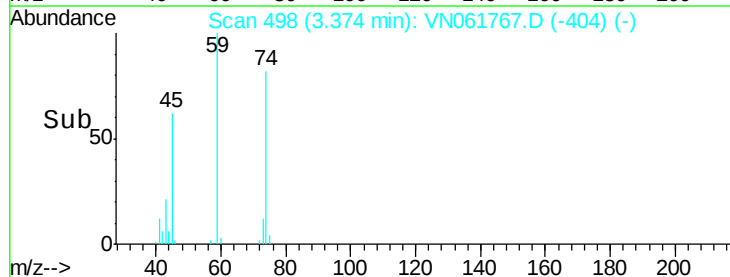
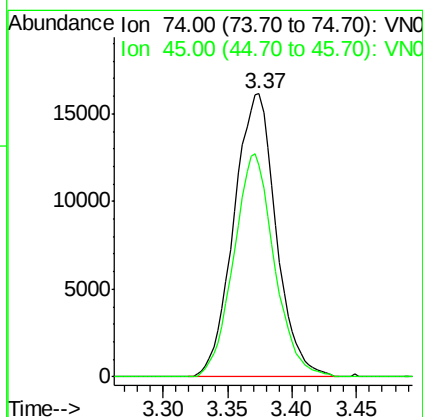
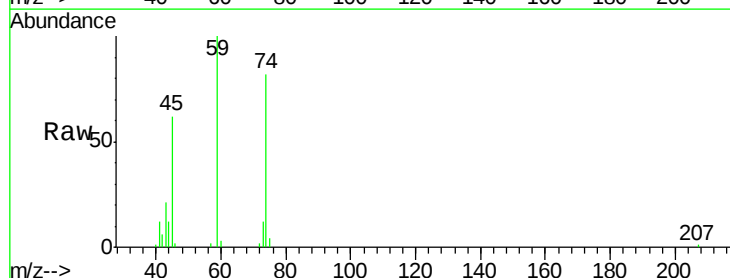
Tgt Ion:101 Resp: 85778
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

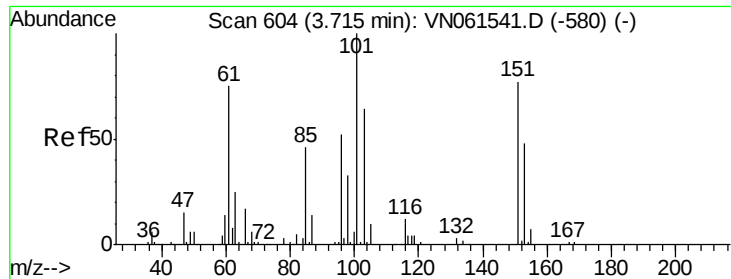


#8

Diethyl Ether
Concen: 21.25 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 74 Resp: 36776
Ion Ratio Lower Upper
74 100
45 75.6 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.20 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

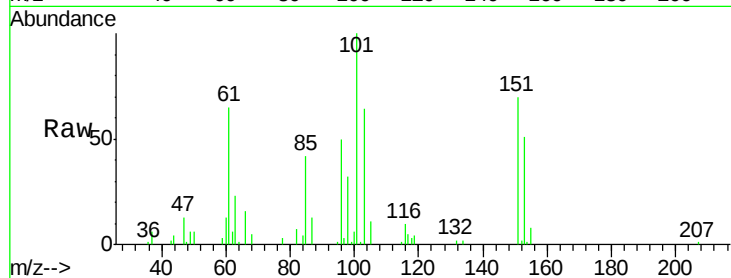
Tgt Ion:101 Resp: 45707

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

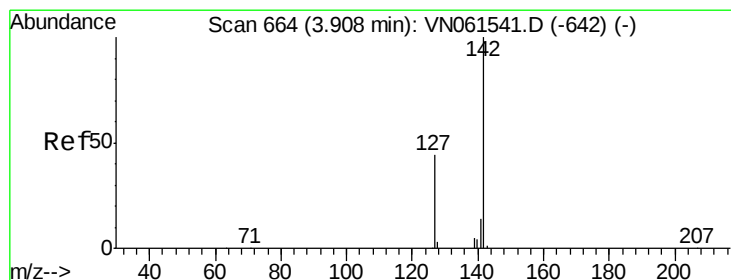
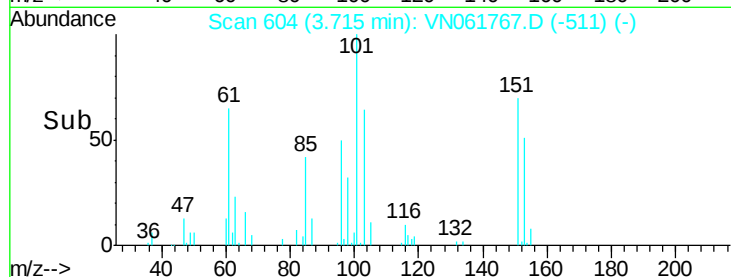
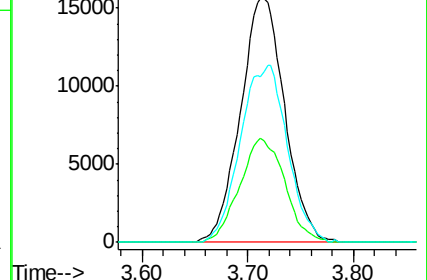
151 76.6 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.74 ug/l

RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

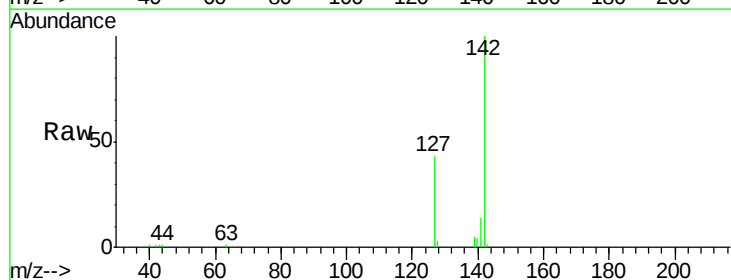
Tgt Ion:142 Resp: 72292

Ion Ratio Lower Upper

142 100

127 43.7 35.5 53.3

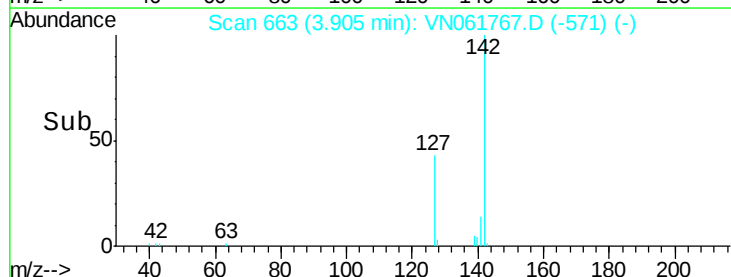
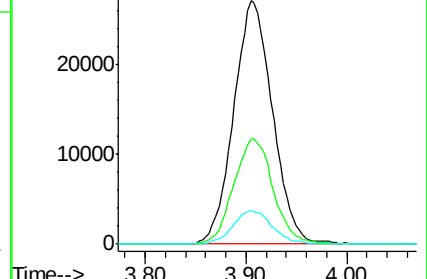
141 13.9 11.5 17.3

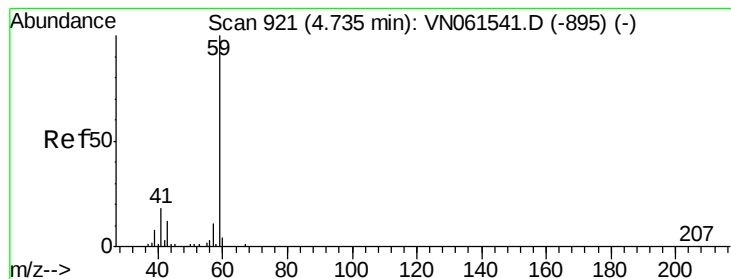


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 120.80 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

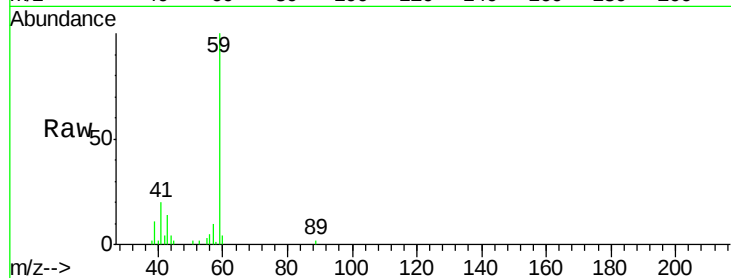
VN0611WBS02

Tgt Ion: 59 Resp: 50261

Ion Ratio Lower Upper

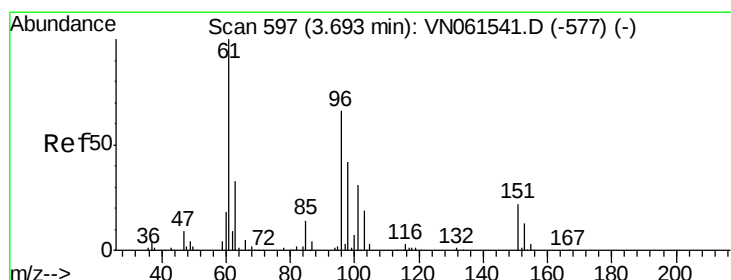
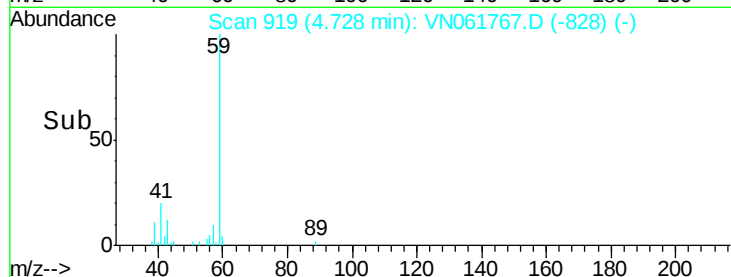
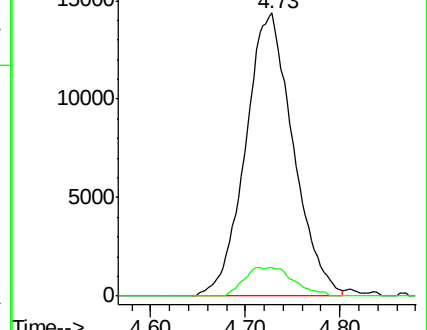
59 100

57 4.2 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.56 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

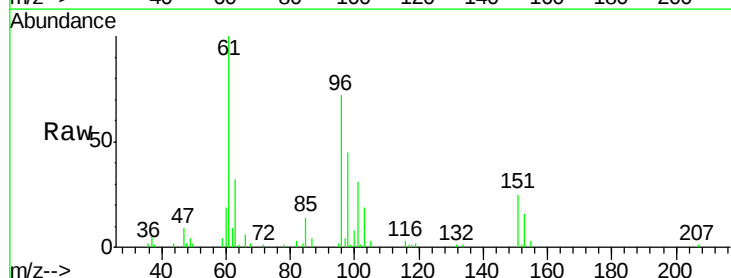
Tgt Ion: 96 Resp: 47119

Ion Ratio Lower Upper

96 100

61 138.1 120.5 180.7

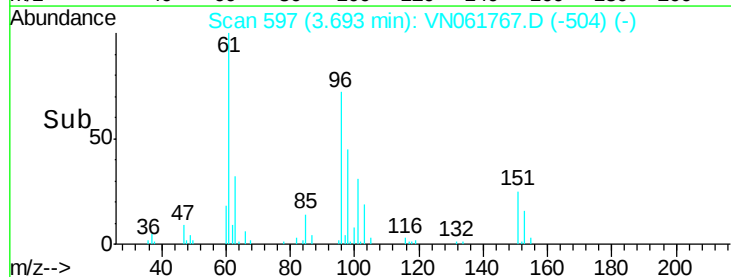
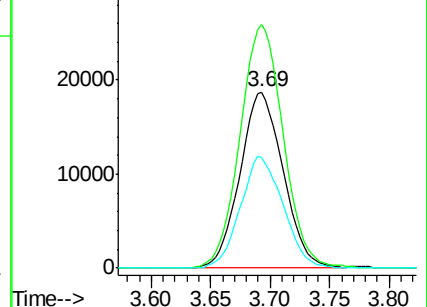
98 62.6 50.8 76.2

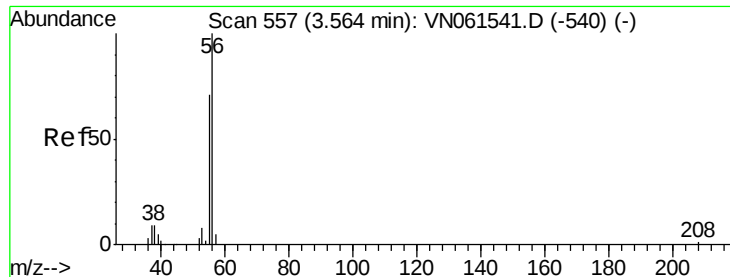


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 76.61 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

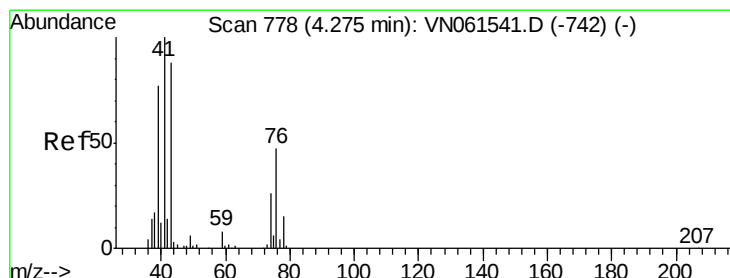
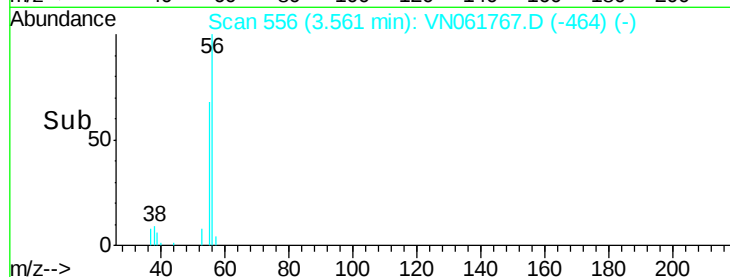
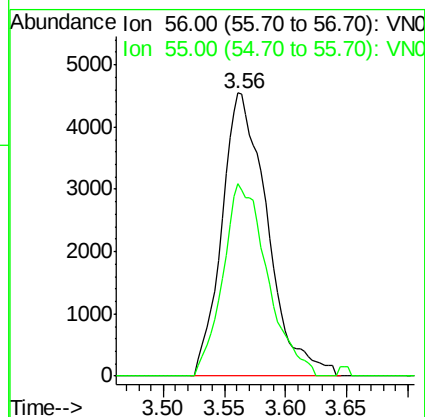
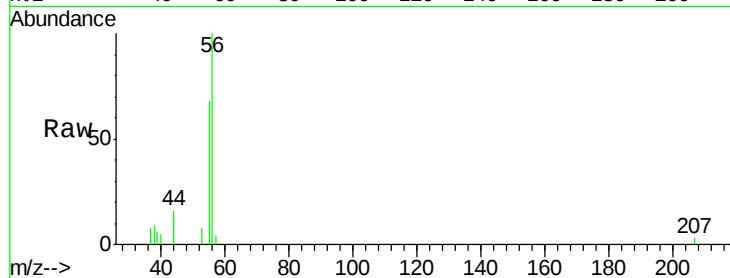
VN0611WBS02

Tgt Ion: 56 Resp: 11795

Ion Ratio Lower Upper

56 100

55 66.6 58.0 87.0



#14

Allyl chloride

Concen: 17.58 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

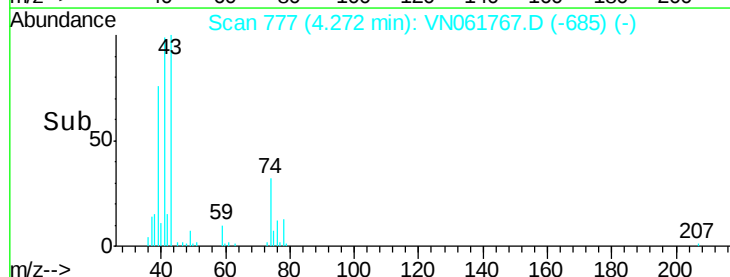
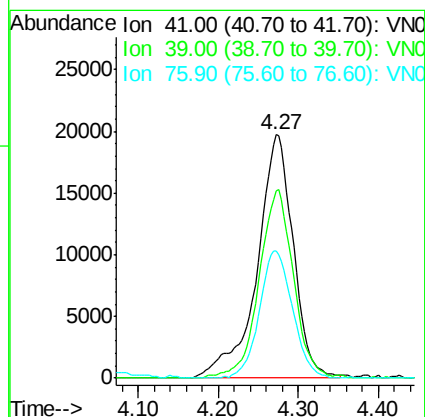
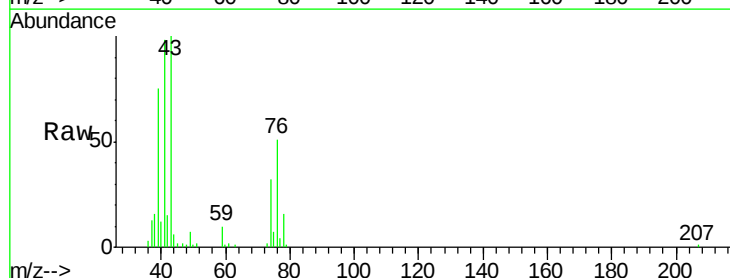
Tgt Ion: 41 Resp: 61662

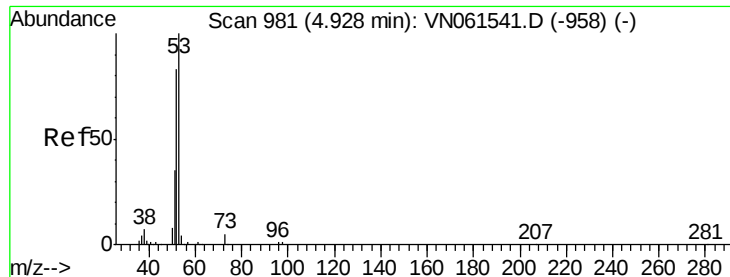
Ion Ratio Lower Upper

41 100

39 73.1 58.6 88.0

76 47.6 34.2 51.4





#15

Acrylonitrile

Concen: 104.57 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

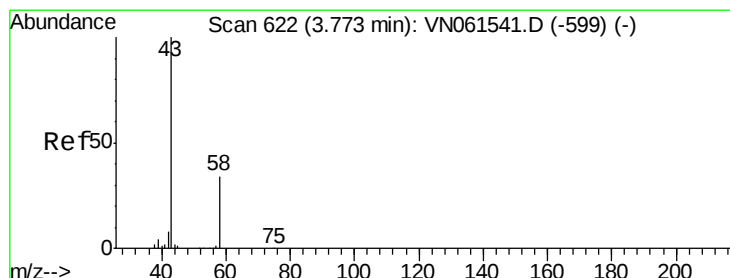
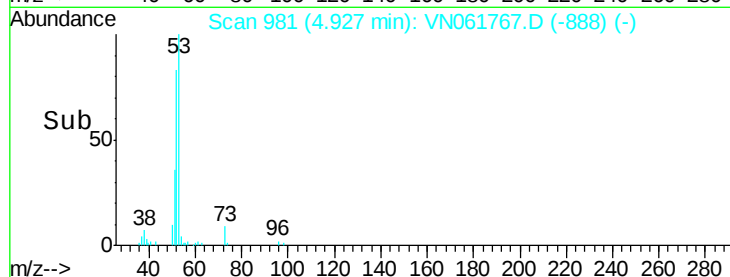
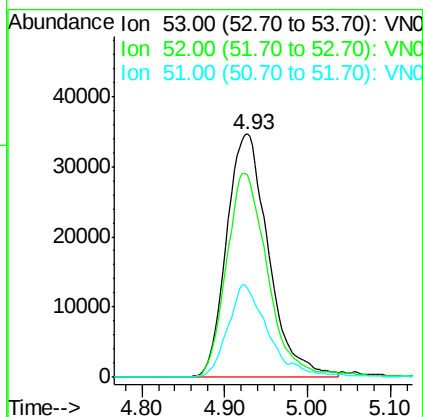
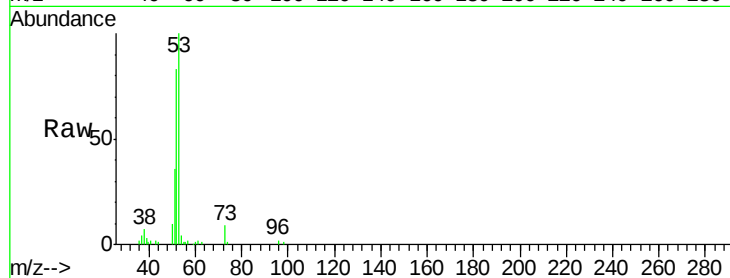
Tgt Ion: 53 Resp: 121441

Ion Ratio Lower Upper

53 100

52 81.4 65.4 98.2

51 34.2 29.0 43.6



#16

Acetone

Concen: 109.60 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061767.D

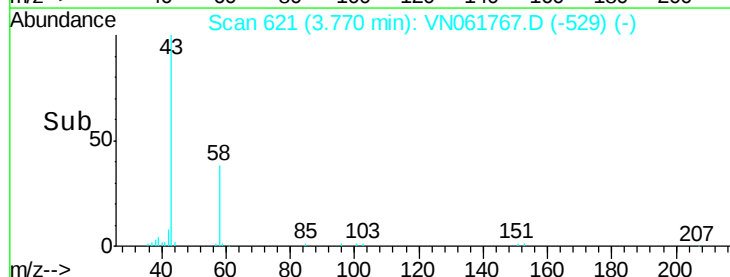
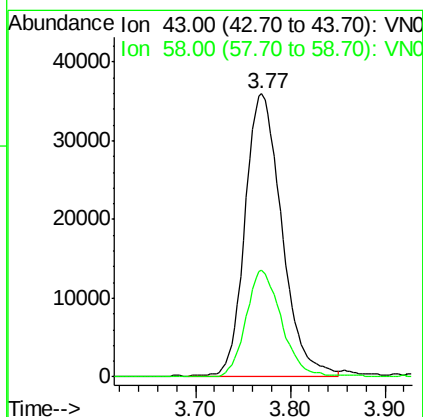
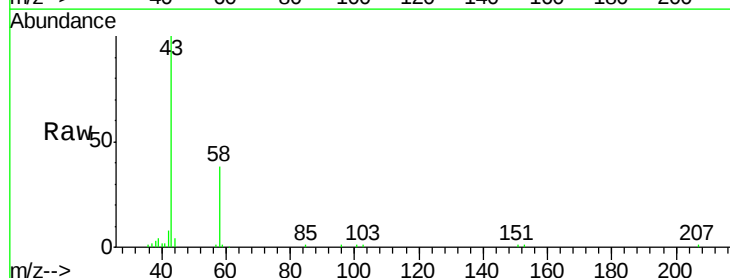
Acq: 12 Jun 2020 3:19

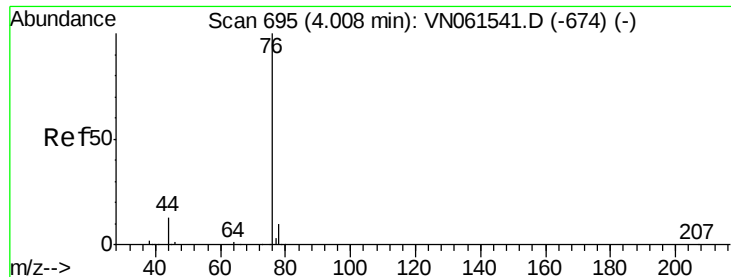
Tgt Ion: 43 Resp: 97489

Ion Ratio Lower Upper

43 100

58 37.6 27.2 40.8

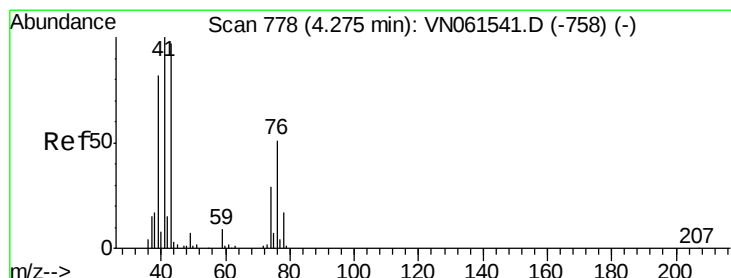
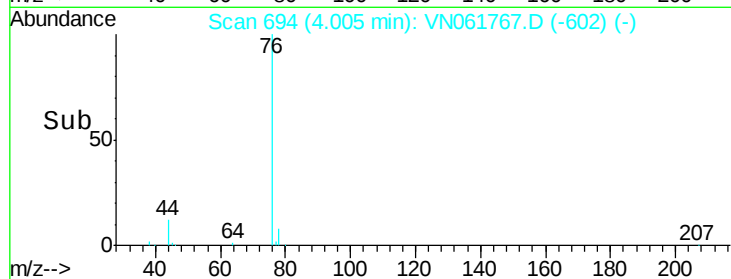
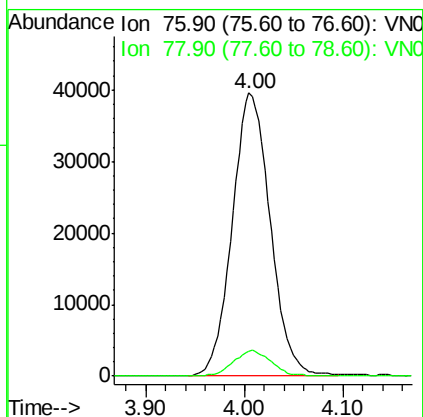
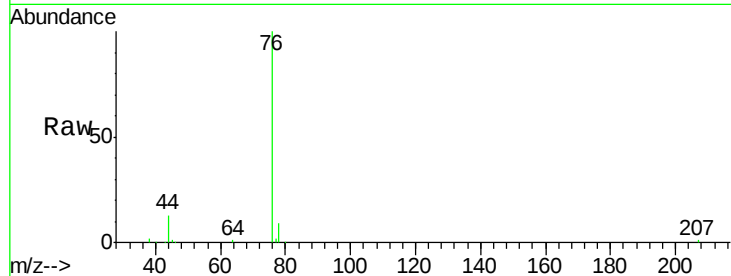




#17
Carbon Disulfide
Concen: 17.94 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

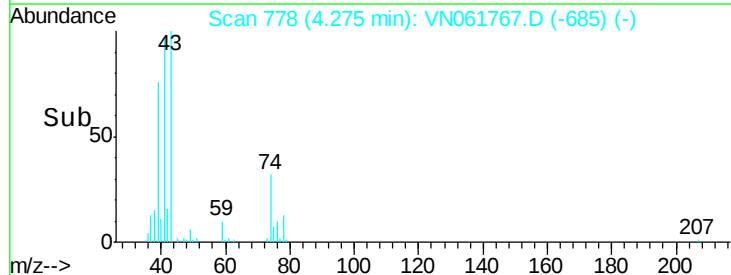
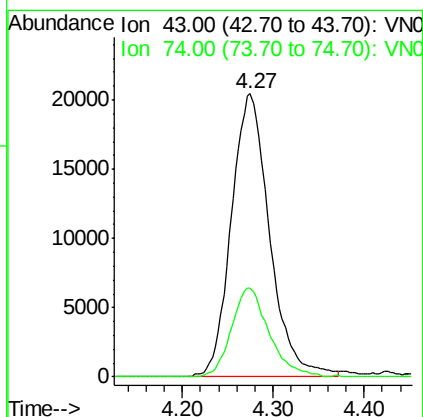
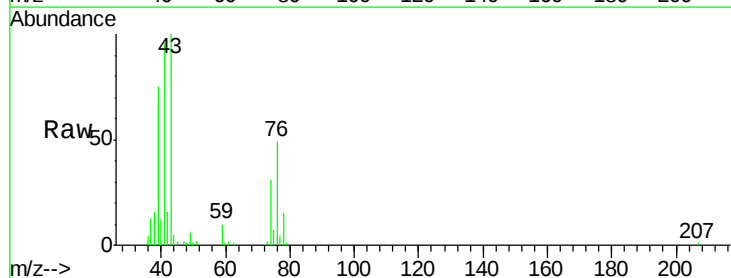
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

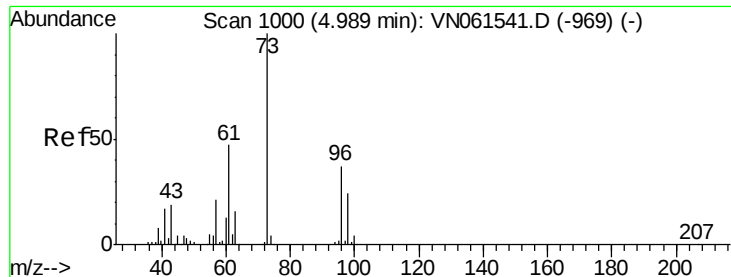
Tgt Ion: 76 Resp: 105891
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6



#18
Methyl Acetate
Concen: 21.14 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 43 Resp: 59871
Ion Ratio Lower Upper
43 100
74 30.7 23.2 34.8

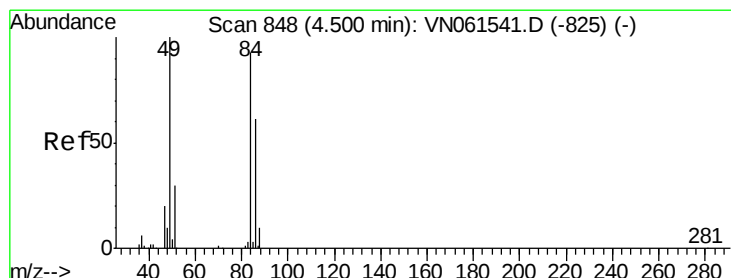
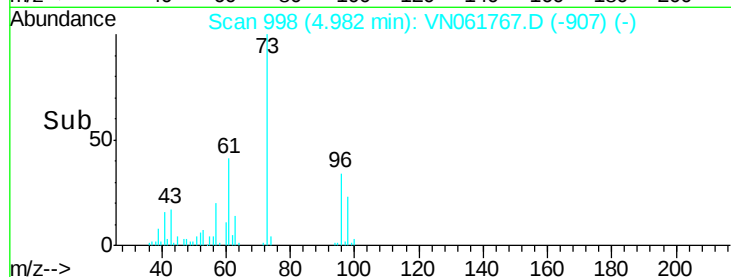
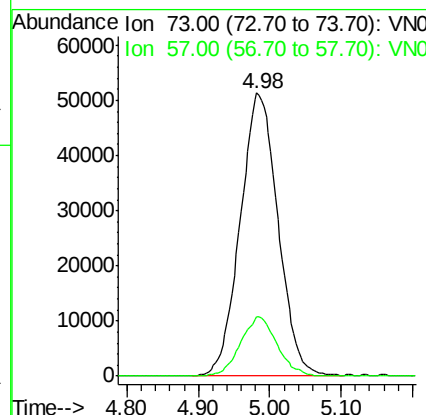
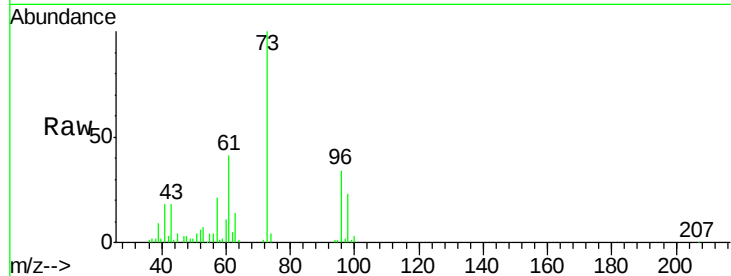




#19
Methyl tert-butyl Ether
Concen: 20.73 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

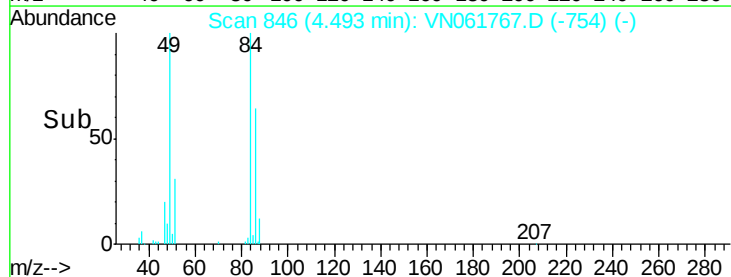
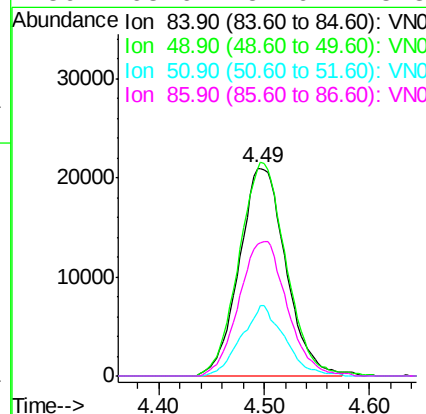
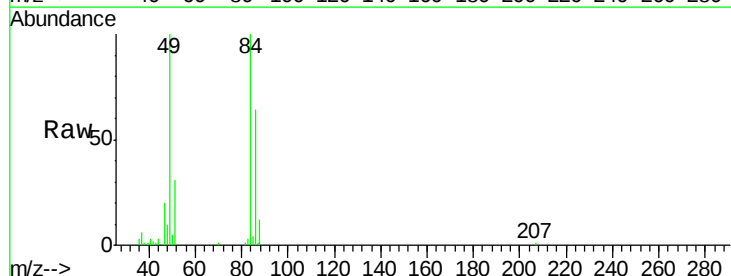
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

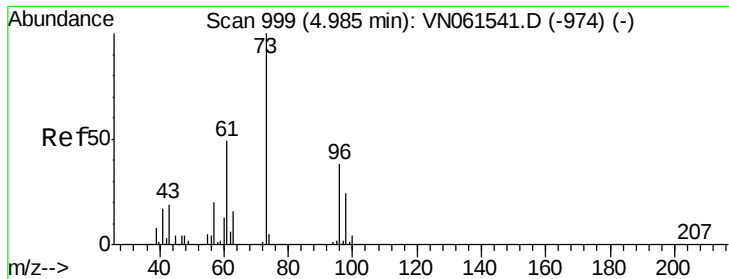
Tgt Ion: 73 Resp: 189505
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6



#20
Methylene Chloride
Concen: 21.70 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 84 Resp: 64491
Ion Ratio Lower Upper
84 100
49 99.8 85.8 128.8
51 30.9 26.2 39.2
86 63.6 52.6 78.8

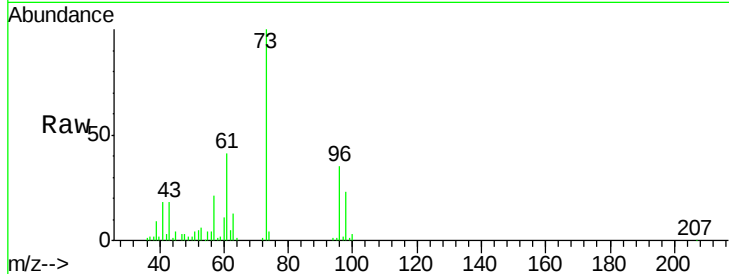




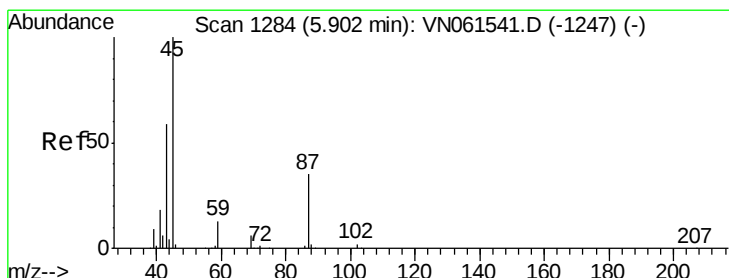
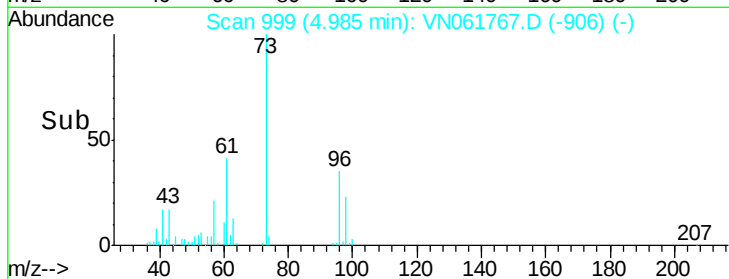
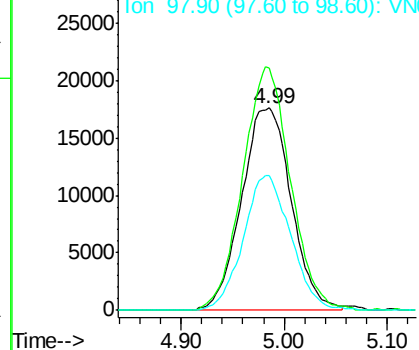
#21
trans-1,2-Dichloroethene
Concen: 19.49 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion: 96 Resp: 58973
Ion Ratio Lower Upper
96 100
61 119.8 101.4 152.0
98 66.7 50.6 76.0

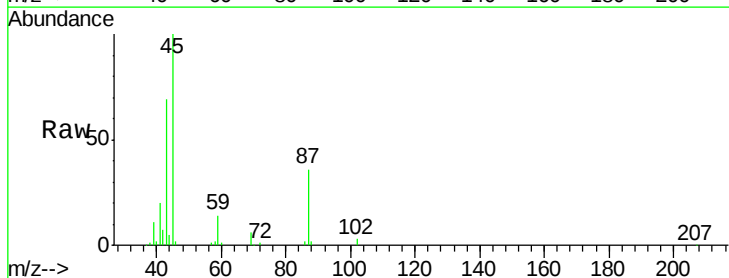


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

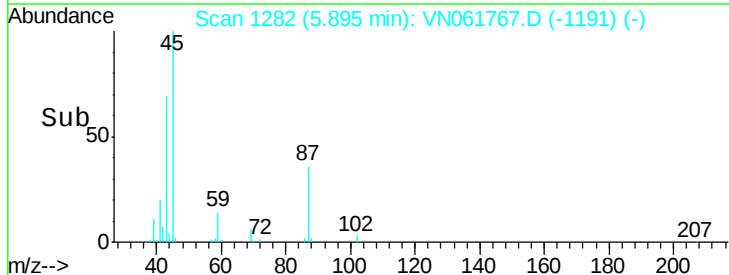
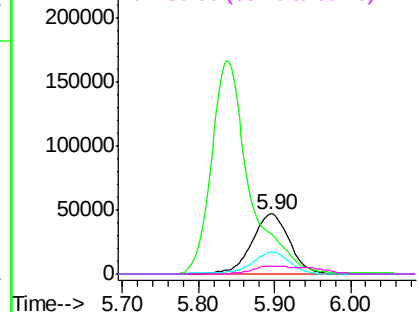


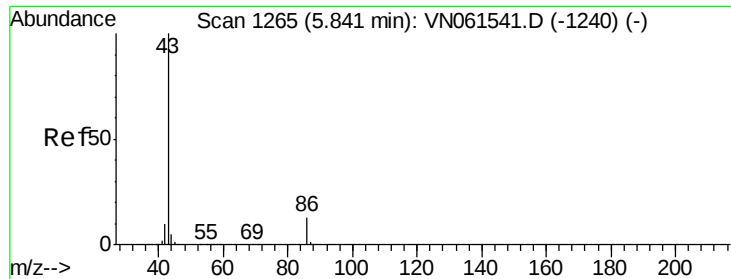
#22
Diisopropyl ether
Concen: 20.85 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 45 Resp: 161180
Ion Ratio Lower Upper
45 100
43 66.4 47.9 71.9
87 36.5 28.4 42.6
59 13.3 10.5 15.7



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

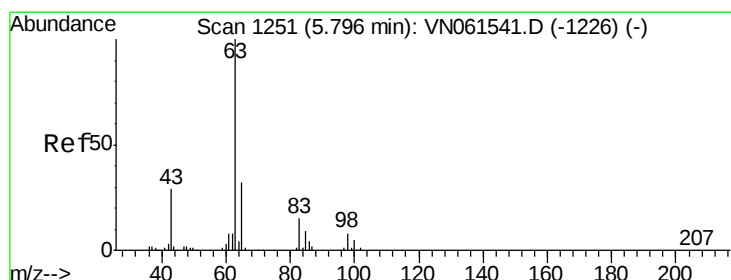
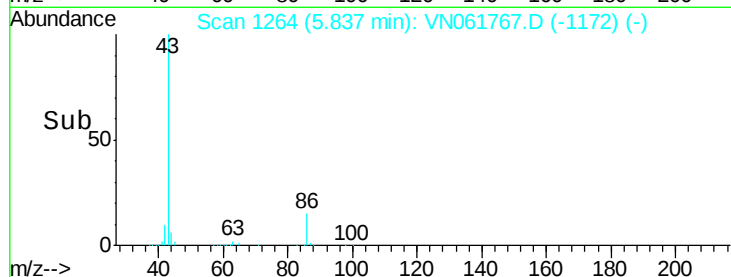
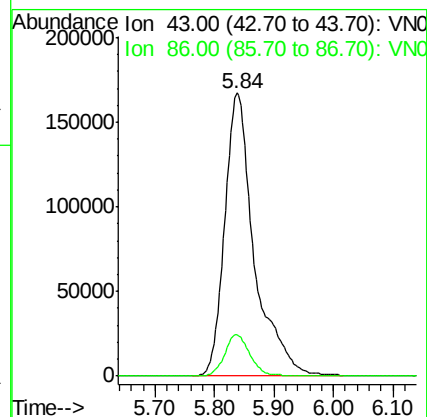
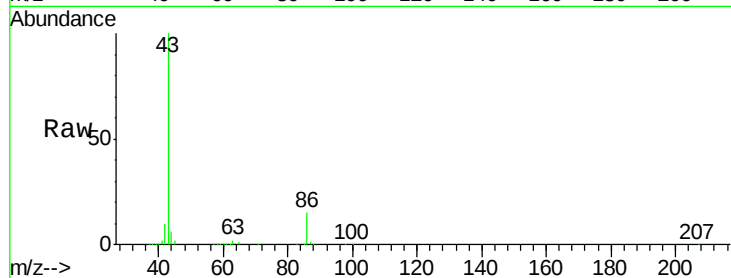




#23
 Vinyl Acetate
 Concen: 93.83 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

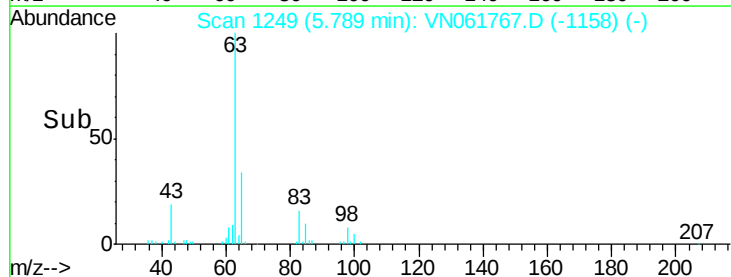
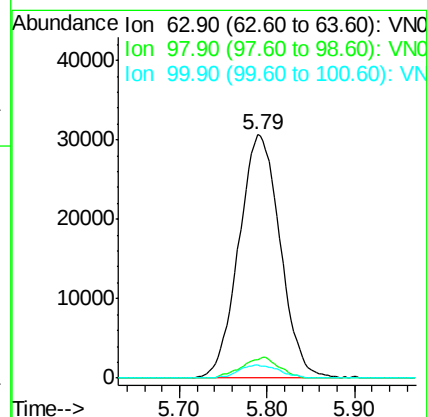
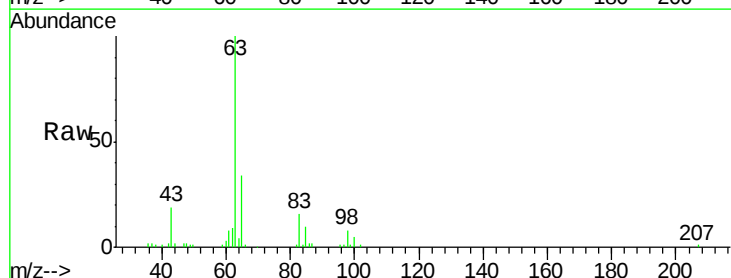
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

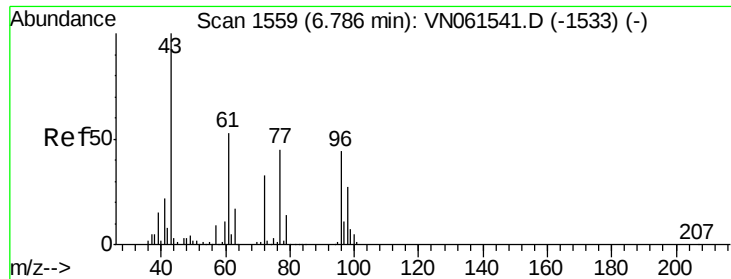
Tgt Ion: 43 Resp: 578089
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.49 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 63 Resp: 100422
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 5.2 2.5 7.6

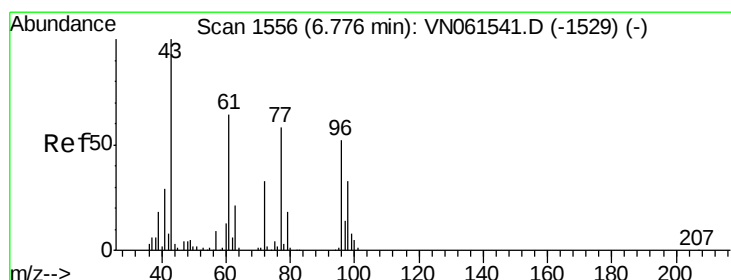
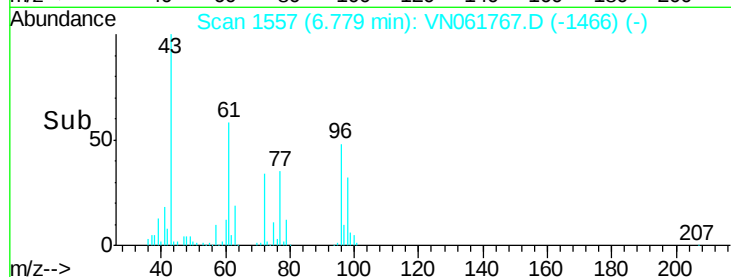
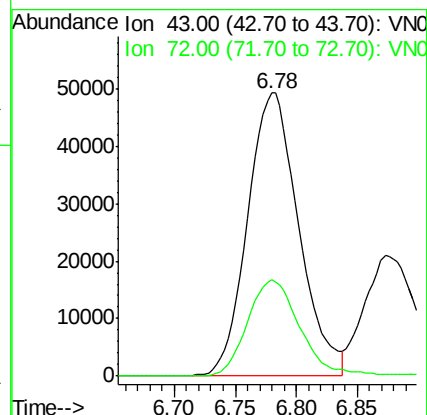
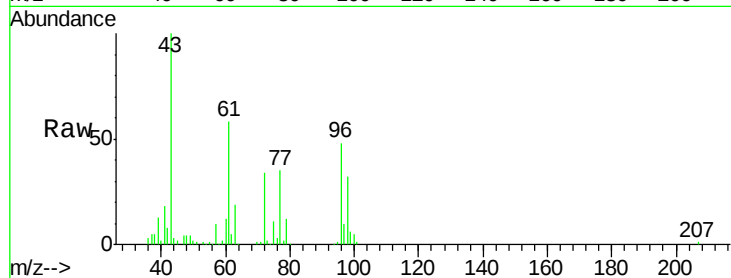




#25
2-Butanone
Concen: 96.65 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

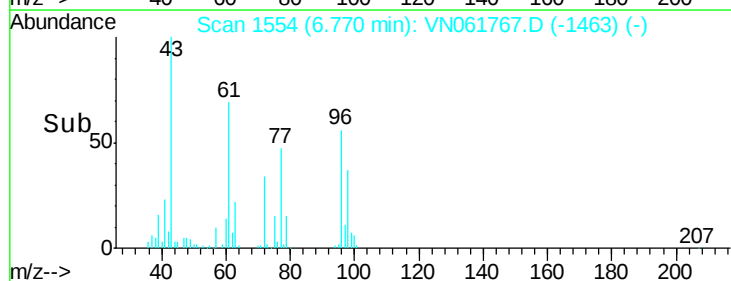
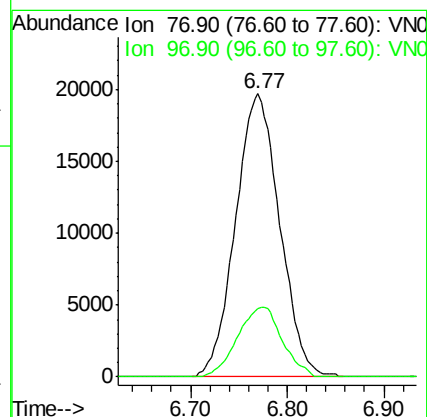
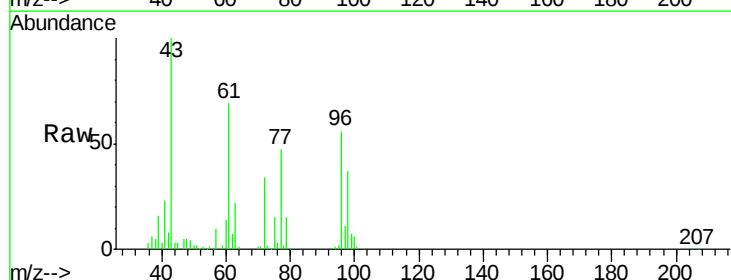
Instrument :
MSVOA_N
ClientSampled :
VN0611WBS02

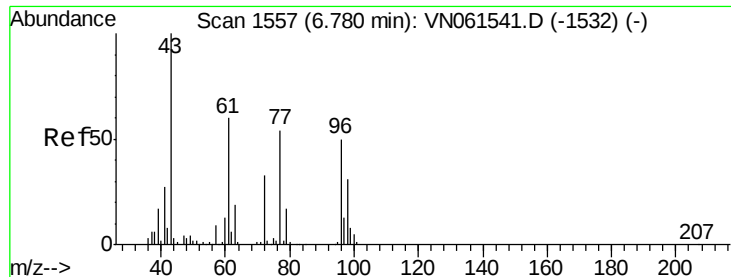
Tgt Ion: 43 Resp: 143280
Ion Ratio Lower Upper
43 100
72 33.9 26.0 39.0



#26
2,2-Dichloropropane
Concen: 13.93 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 77 Resp: 62486
Ion Ratio Lower Upper
77 100
97 24.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 21.27 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

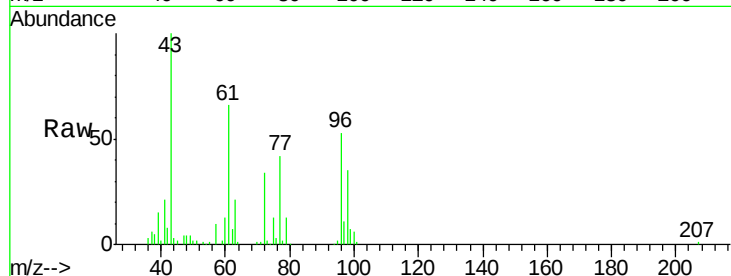
Tgt Ion: 96 Resp: 72869

Ion Ratio Lower Upper

96 100

61 118.8 0.0 252.2

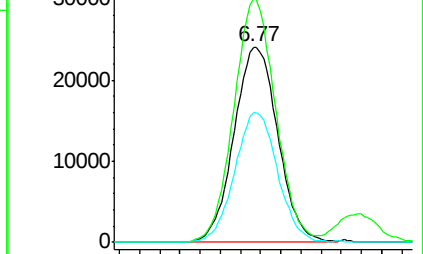
98 64.7 0.0 129.2



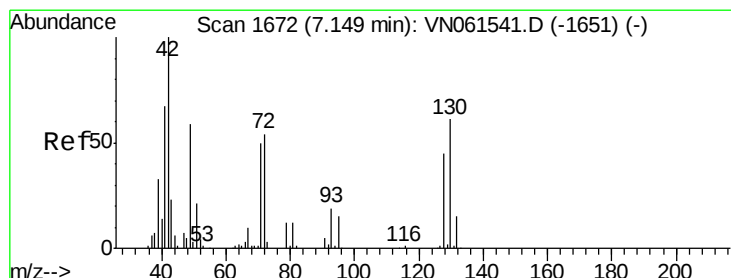
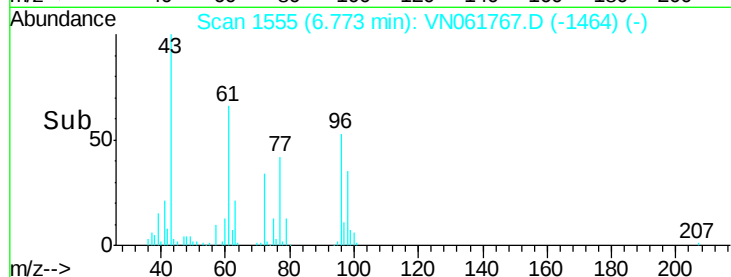
Abundance Ion 95.90 (95.60 to 96.60): VN061767.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061767.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061767.D (-1464) (-)



Time-->



#28

Bromochloromethane

Concen: 23.24 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

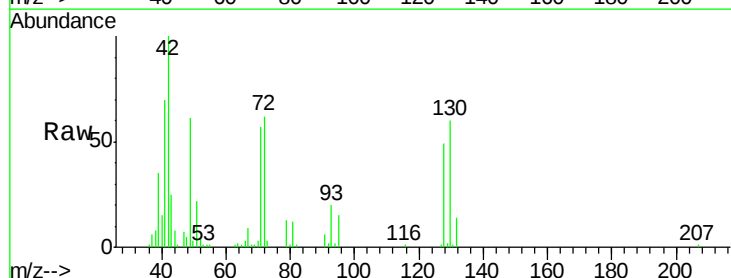
Tgt Ion: 49 Resp: 44137

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

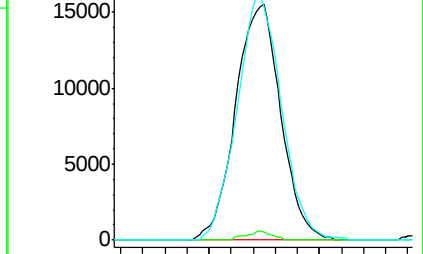
130 102.2 78.8 118.2



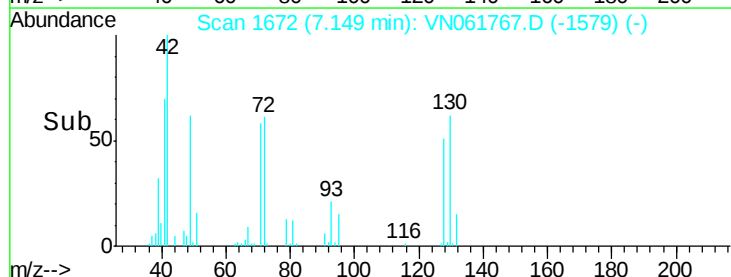
Abundance Ion 48.90 (48.60 to 49.60): VN061767.D (-1579) (-)

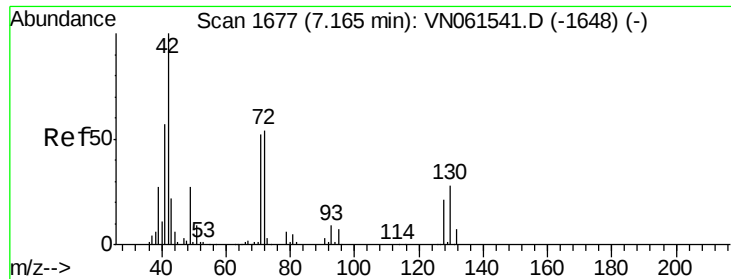
Ion 128.80 (128.50 to 129.50): VN061767.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061767.D (-1579) (-)



Time-->

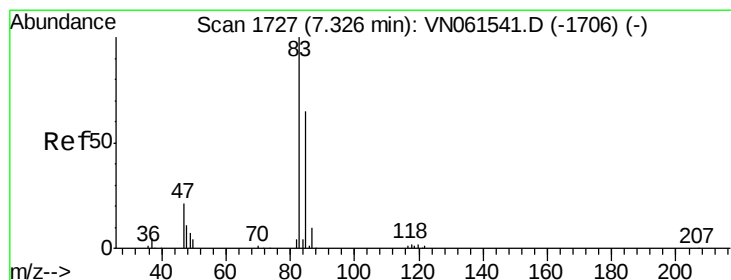
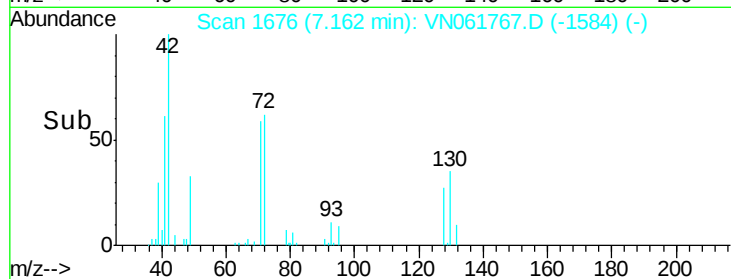
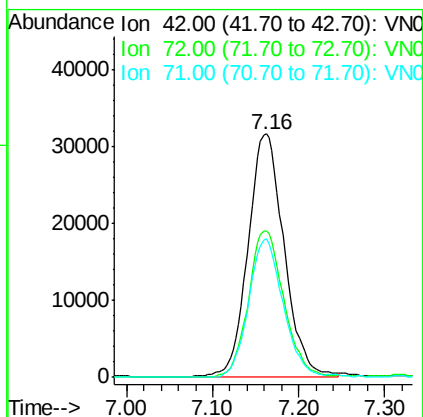
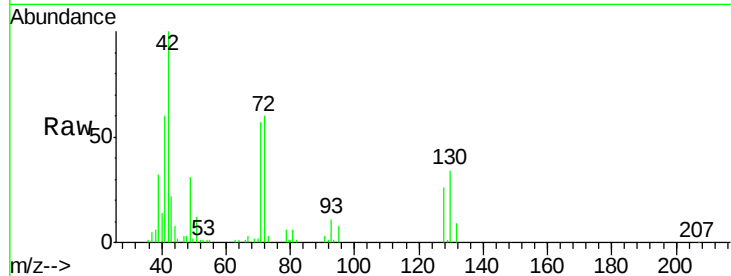




#29
Tetrahydrofuran
Concen: 94.92 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

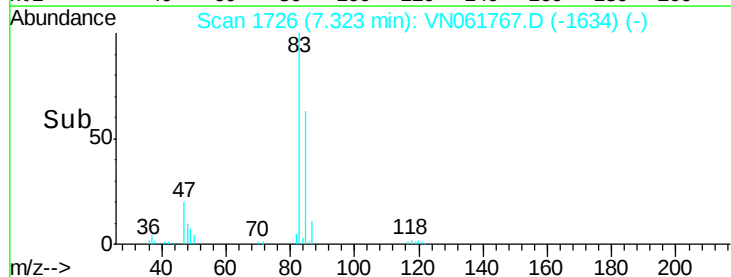
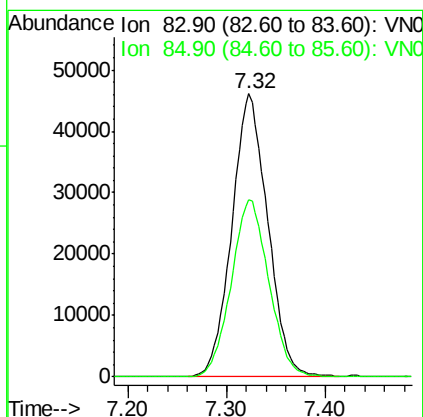
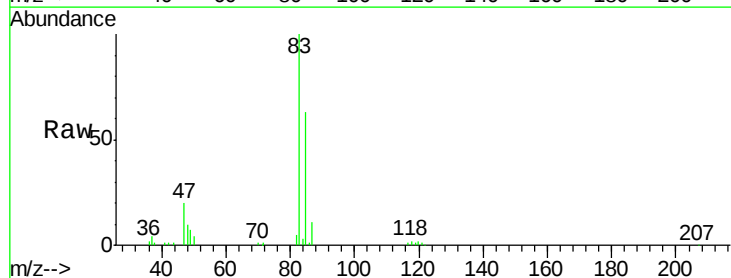
Instrument :
MSVOA_N
ClientSampled :
VN0611WBS02

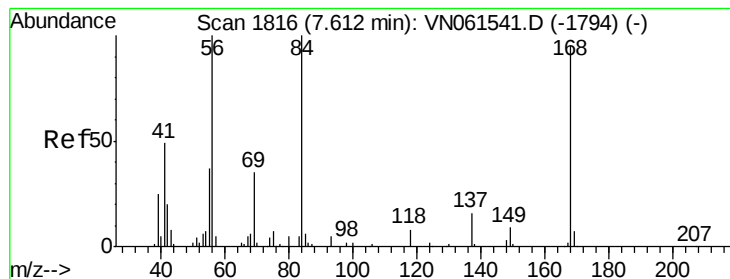
Tgt Ion: 42 Resp: 92789
Ion Ratio Lower Upper
42 100
72 59.0 43.6 65.4
71 54.1 41.2 61.8



#30
Chloroform
Concen: 21.52 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 83 Resp: 116681
Ion Ratio Lower Upper
83 100
85 62.6 51.7 77.5





#31

Cyclohexane

Concen: 14.68 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

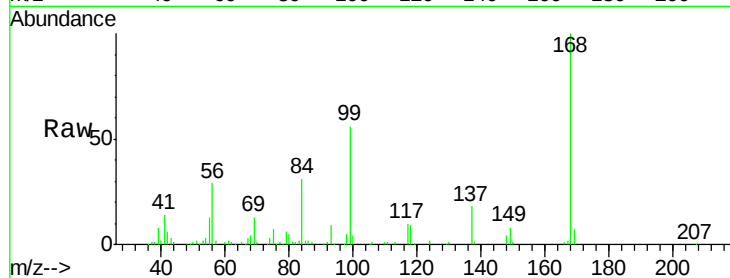
Tgt Ion: 56 Resp: 64706

Ion Ratio Lower Upper

56 100

69 43.4 27.8 41.8#

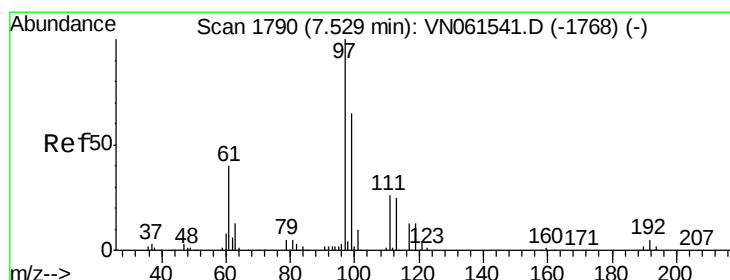
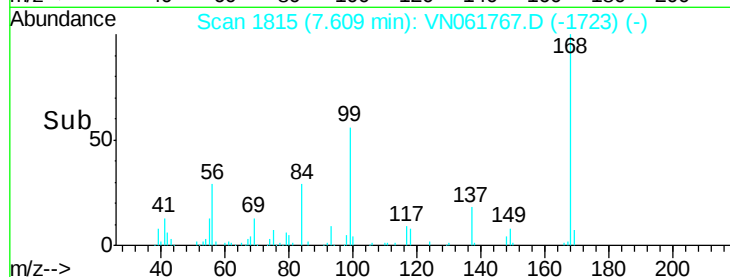
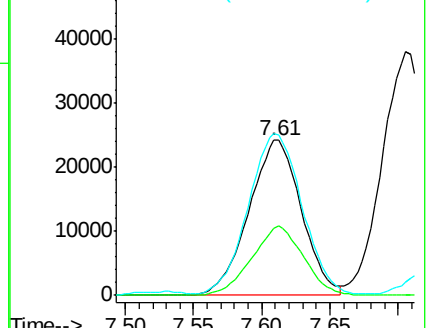
84 102.9 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.38 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

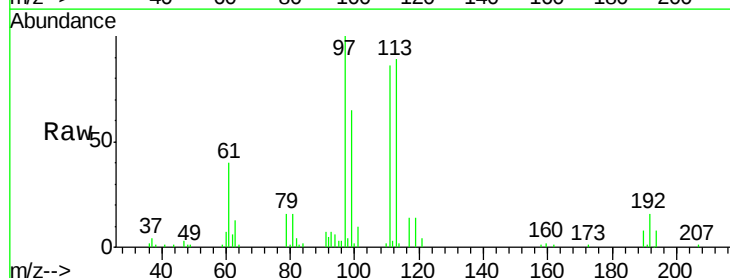
Tgt Ion: 97 Resp: 90809

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

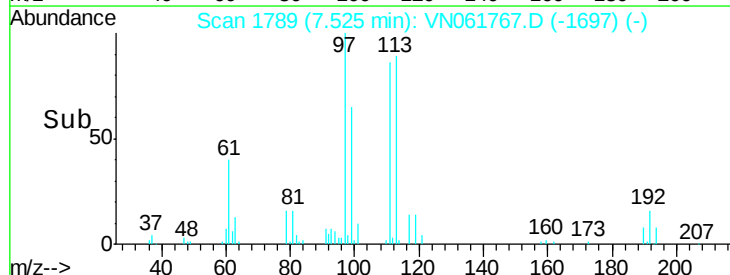
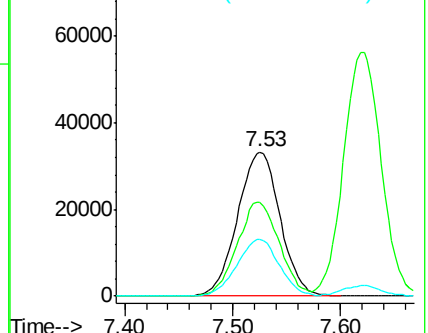
61 39.4 31.4 47.0

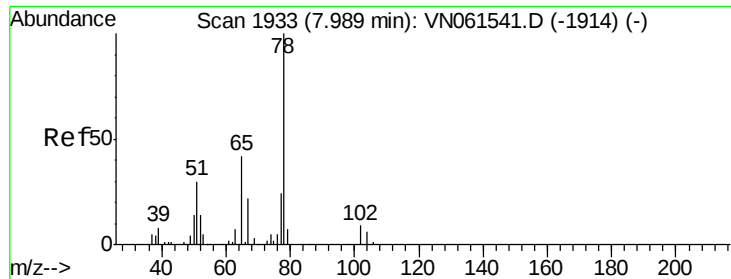


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

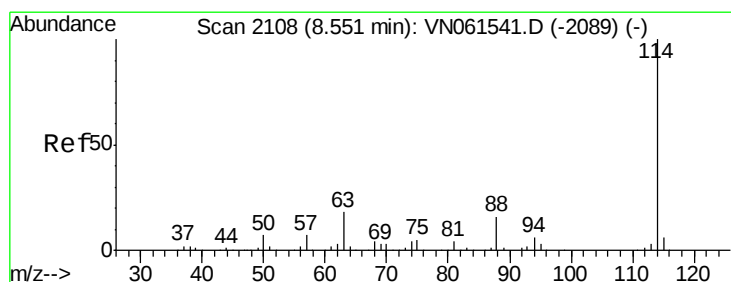
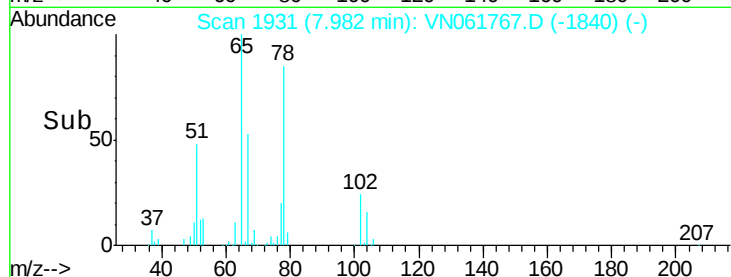
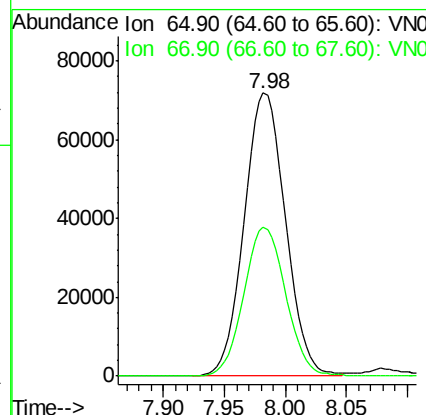
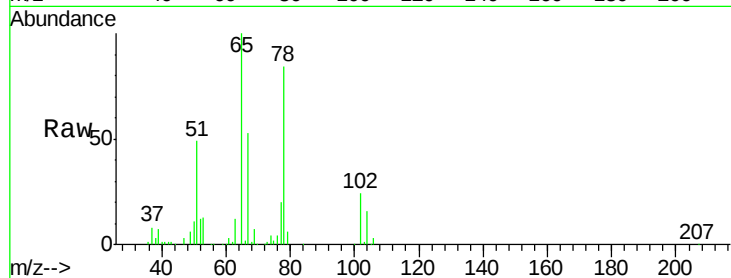




#33
 1,2-Dichloroethane-d4
 Concen: 53.86 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

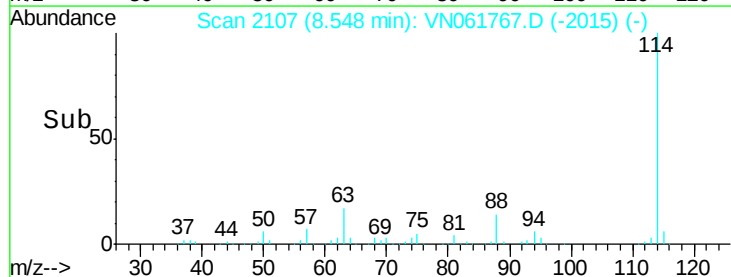
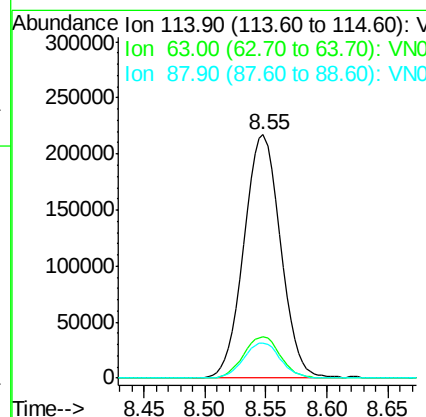
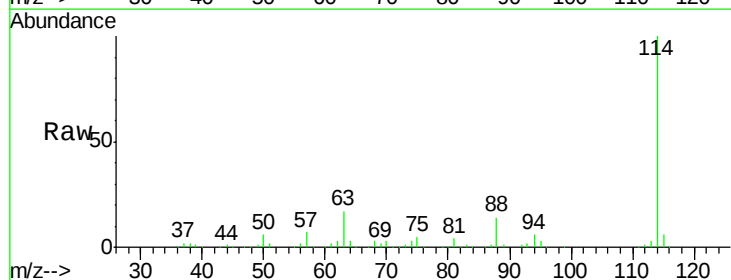
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

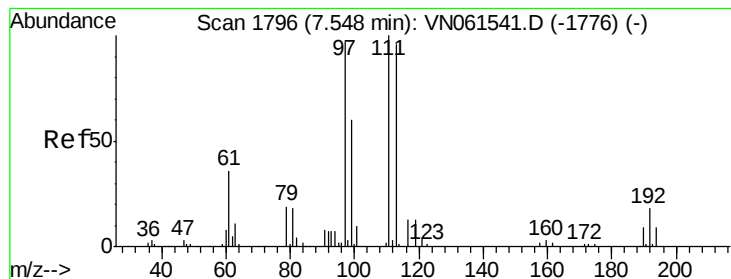
Tgt Ion: 65 Resp: 168462
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 114 Resp: 451447
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.8
 88 14.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 58.96 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampled :

VN0611WBS02

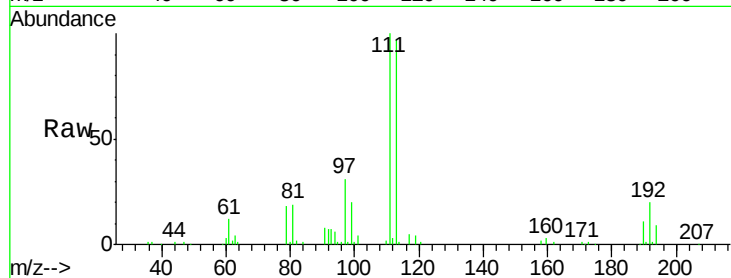
Tgt Ion:113 Resp: 135018

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.0

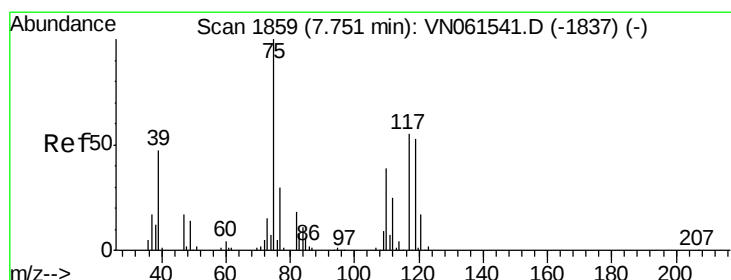
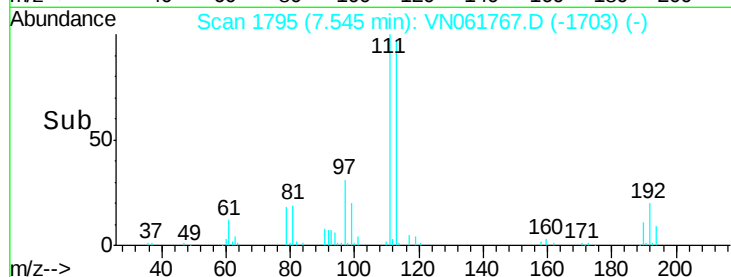
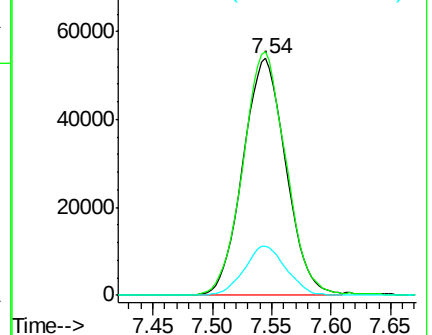
192 20.4 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.36 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

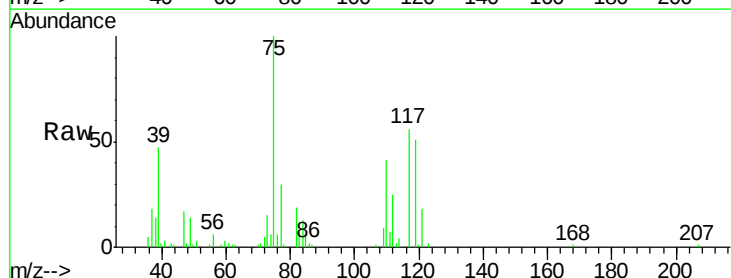
Tgt Ion: 75 Resp: 69361

Ion Ratio Lower Upper

75 100

110 38.5 19.5 58.5

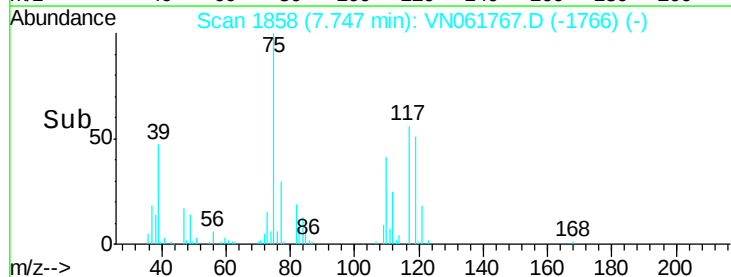
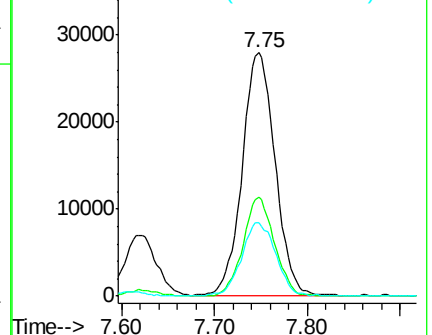
77 31.1 24.7 37.1

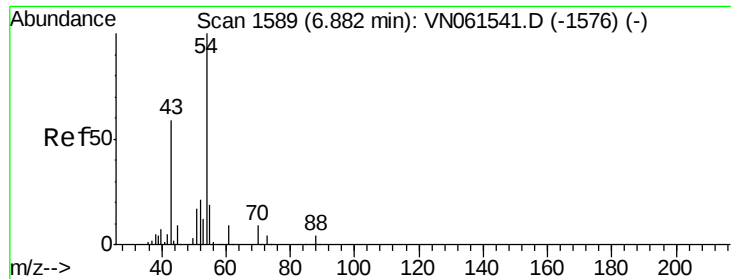


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

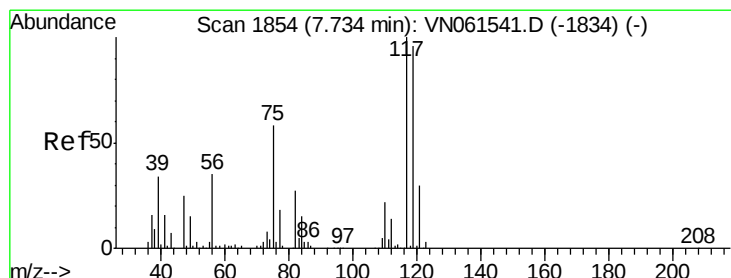
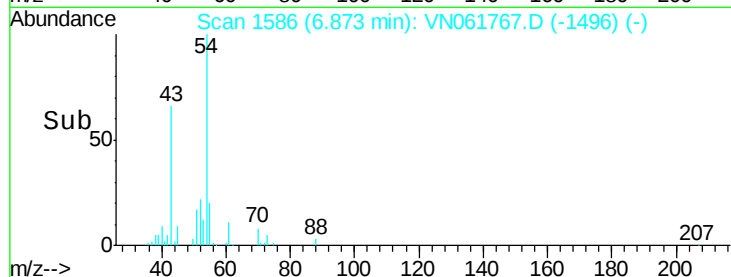
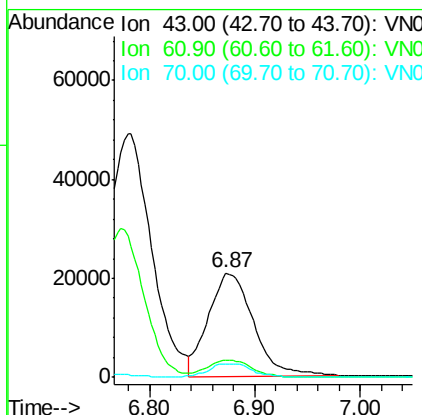
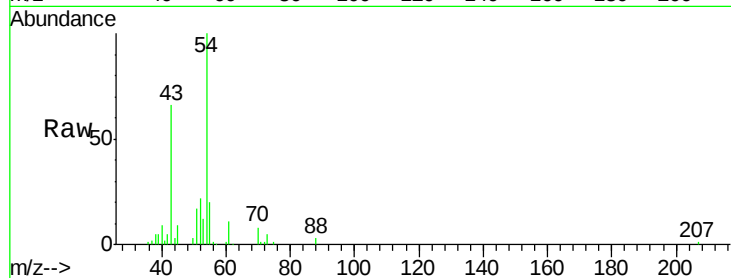




#37
Ethyl Acetate
Concen: 19.13 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

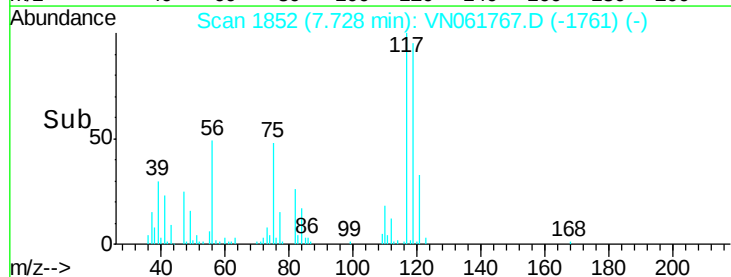
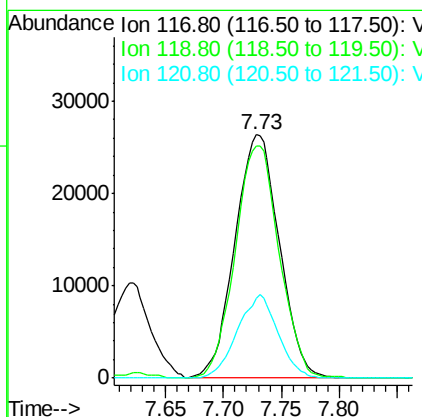
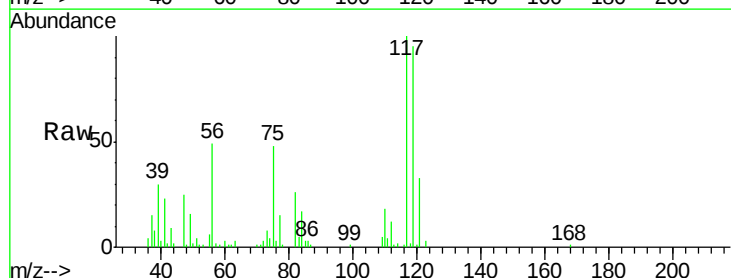
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

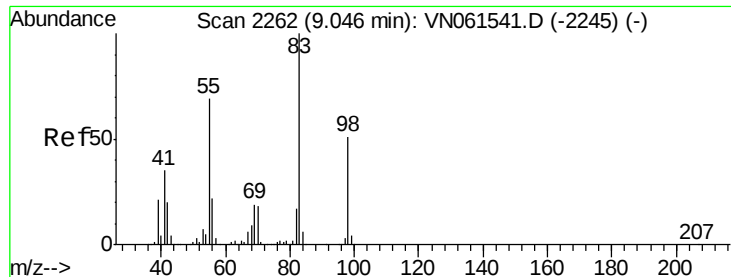
Tgt Ion: 43 Resp: 61574
Ion Ratio Lower Upper
43 100
61 16.8 12.2 18.4
70 6.6 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 18.21 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 117 Resp: 70203
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
121 32.6 24.1 36.1

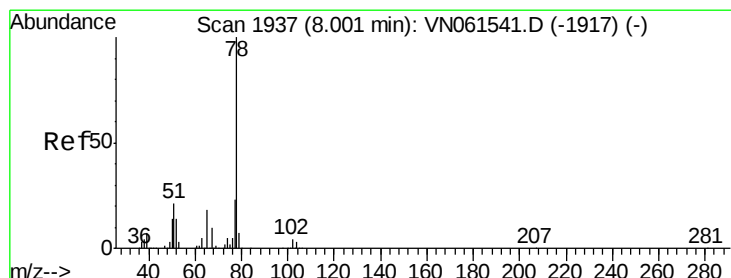
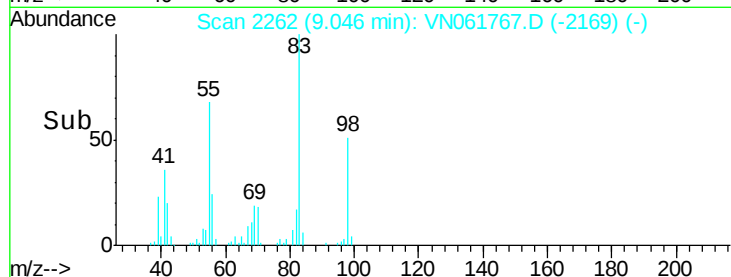
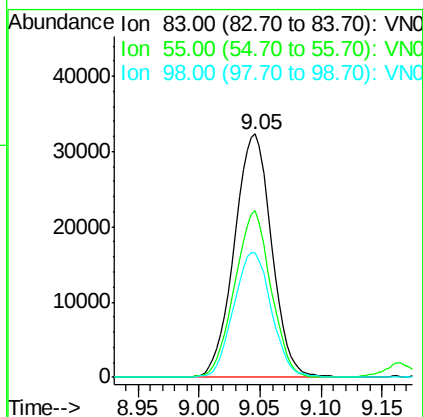
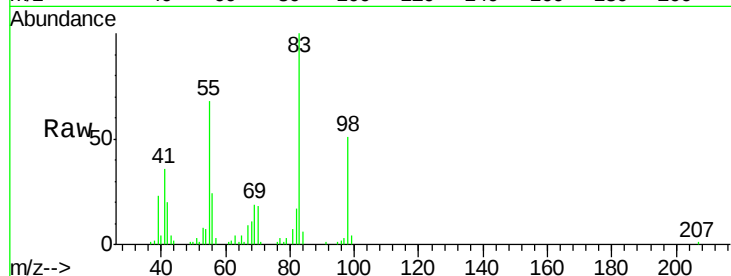




#39
Methylcyclohexane
Concen: 13.89 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

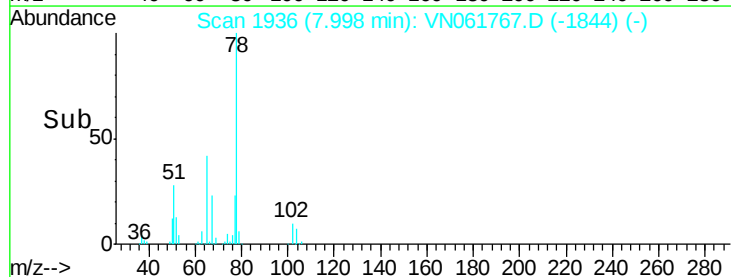
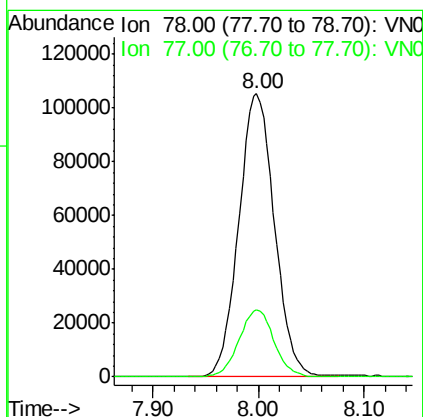
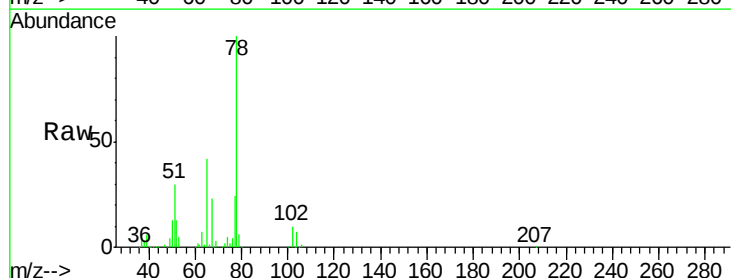
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

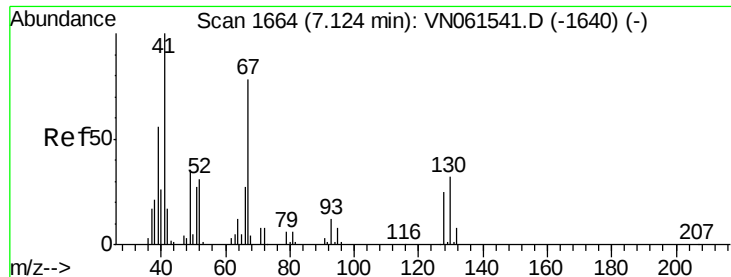
Tgt Ion: 83 Resp: 68440
Ion Ratio Lower Upper
83 100
55 68.4 54.9 82.3
98 51.1 41.0 61.4



#40
Benzene
Concen: 20.11 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 78 Resp: 247993
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

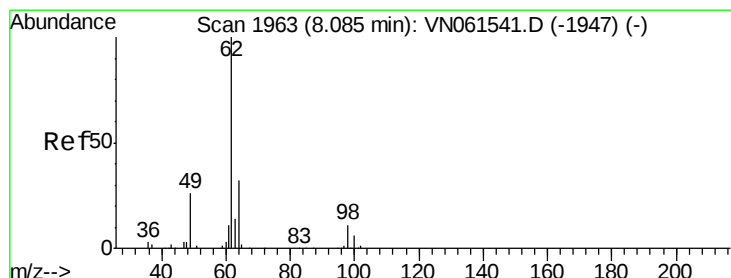
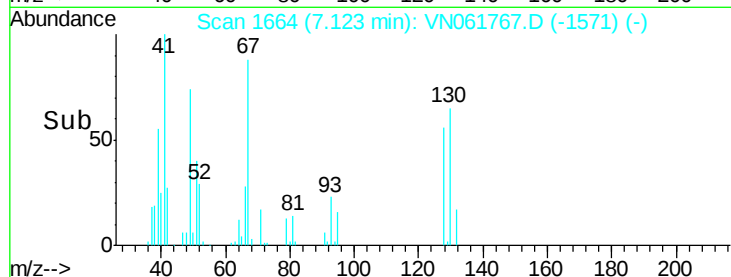
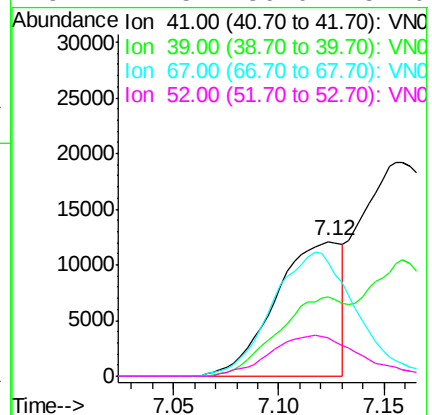
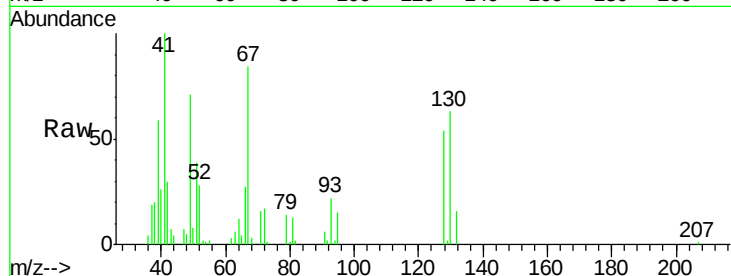




#41
Methacrylonitrile
Concen: 17.89 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

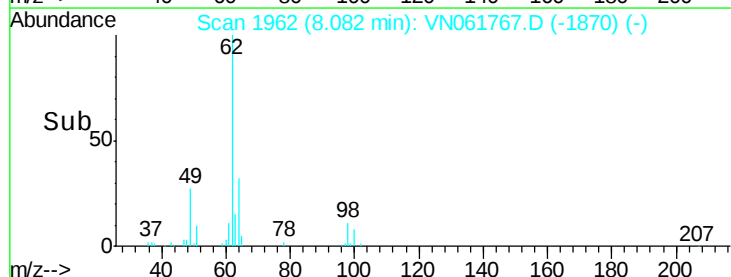
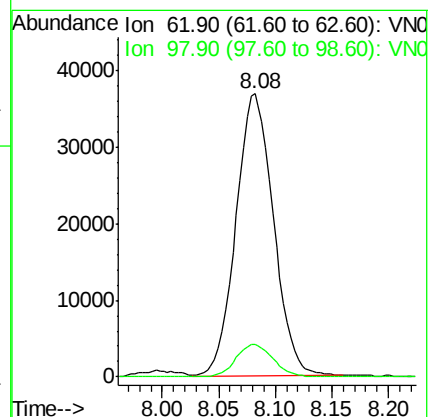
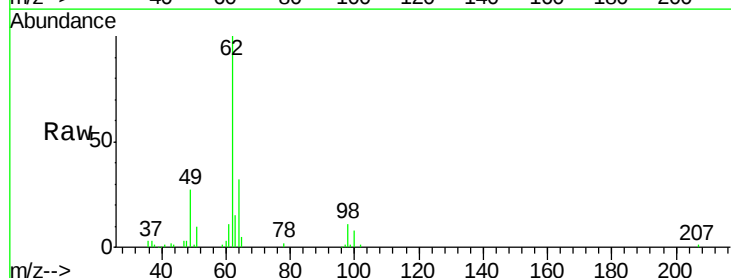
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

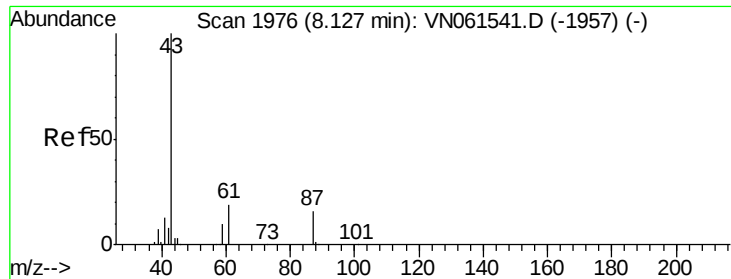
Tgt Ion: 41 Resp: 26381
Ion Ratio Lower Upper
41 100
39 60.9 53.8 80.6
67 118.0 91.1 136.7
52 41.5 36.0 54.0



#42
1,2-Dichloroethane
Concen: 20.62 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 62 Resp: 85109
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.4





#43

Isopropyl Acetate

Concen: 18.41 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

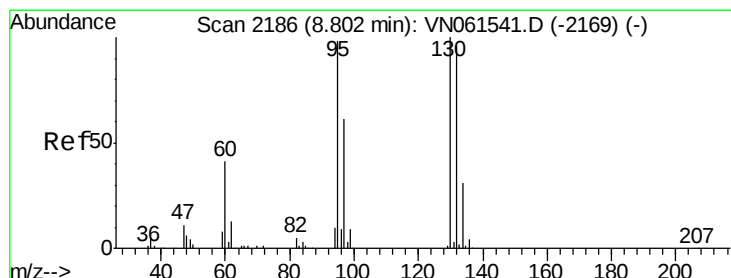
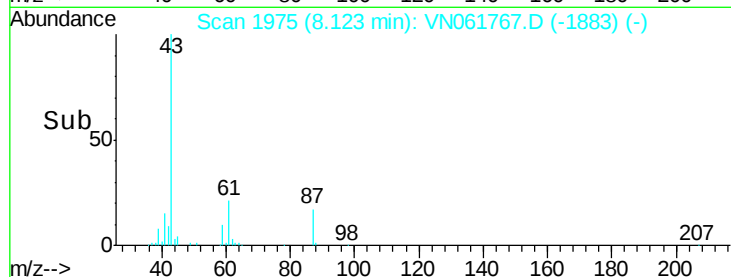
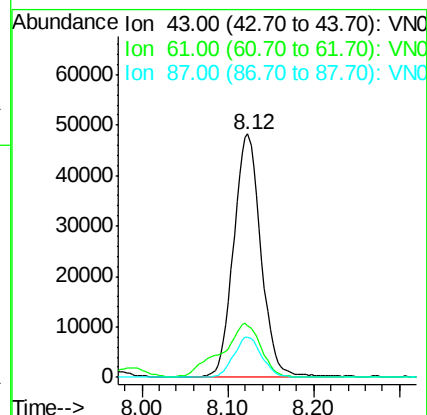
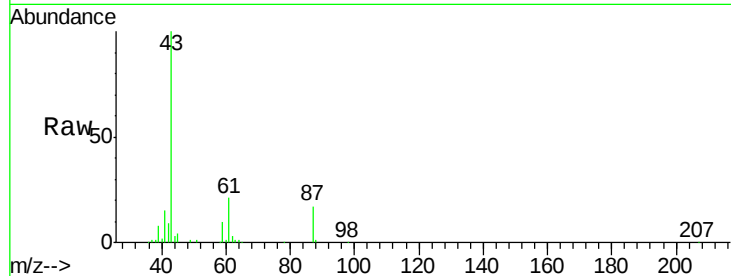
Tgt Ion: 43 Resp: 106628

Ion Ratio Lower Upper

43 100

61 31.5 23.6 35.4

87 16.9 13.0 19.6



#44

Trichloroethene

Concen: 19.19 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061767.D

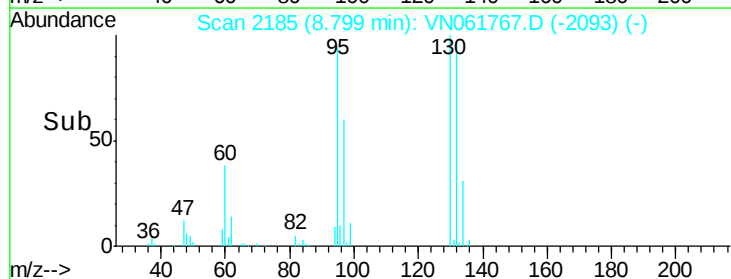
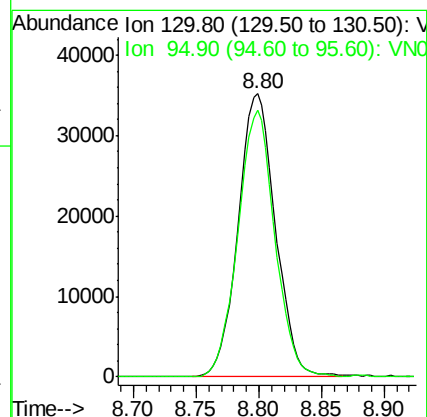
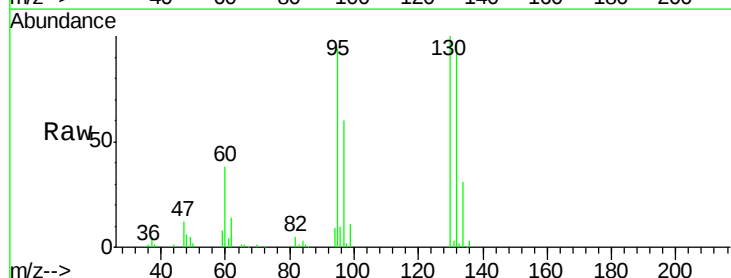
Acq: 12 Jun 2020 3:19

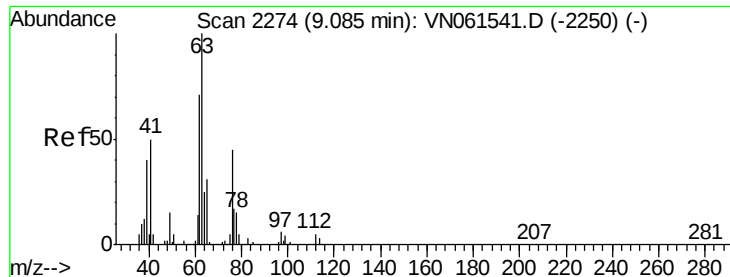
Tgt Ion: 130 Resp: 72723

Ion Ratio Lower Upper

130 100

95 94.2 0.0 196.6

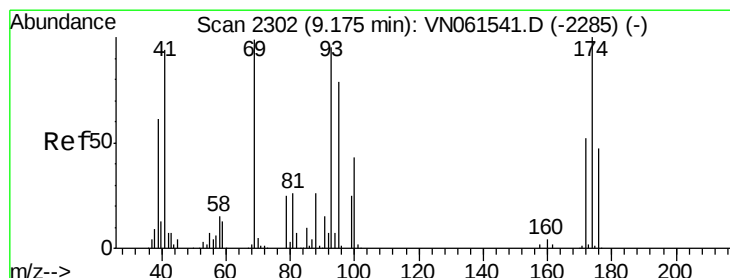
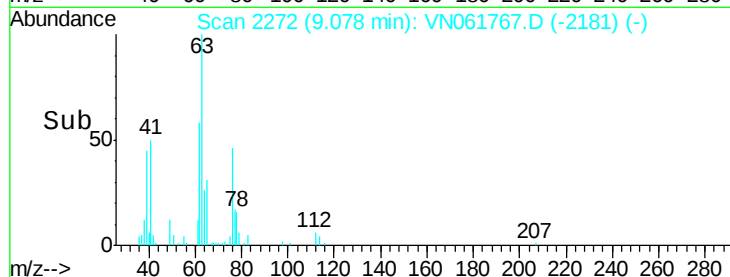
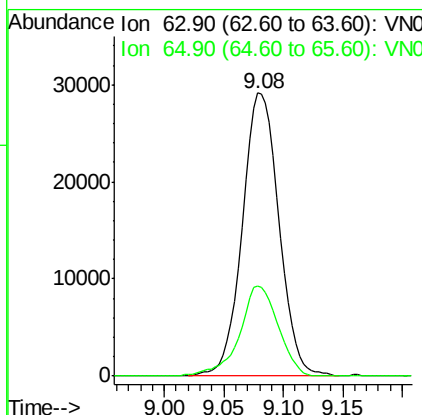
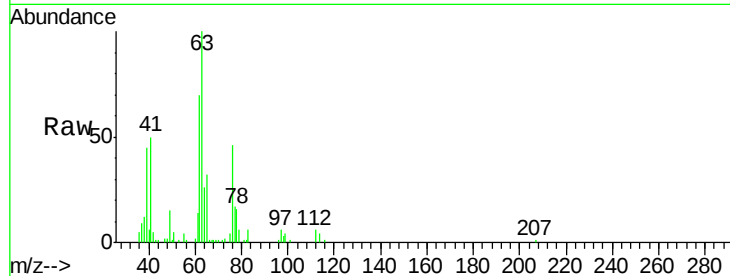




#45
 1,2-Dichloropropane
 Concen: 21.24 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

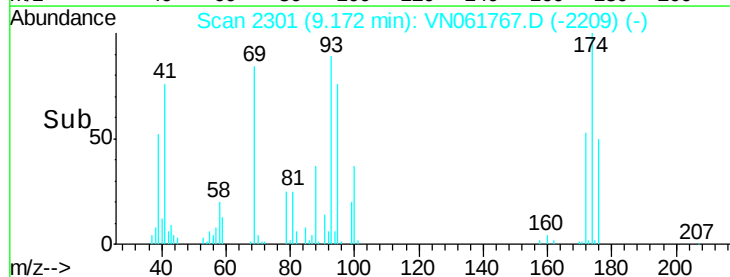
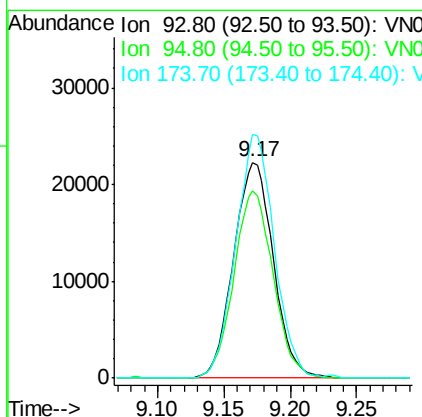
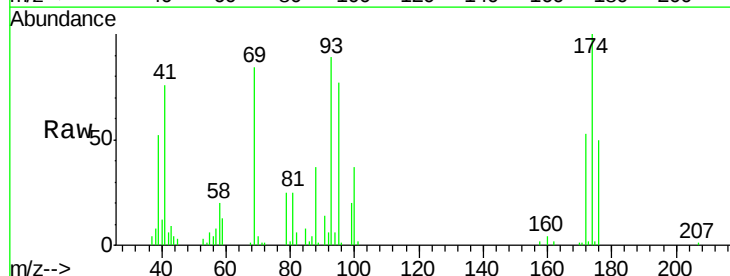
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

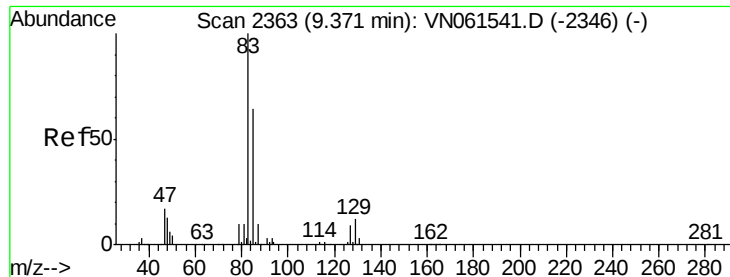
Tgt Ion: 63 Resp: 62198
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.7 37.1



#46
 Dibromomethane
 Concen: 20.65 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 93 Resp: 46383
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.0 99.0
 174 109.7 82.5 123.7





#47

Bromodichloromethane

Concen: 21.27 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

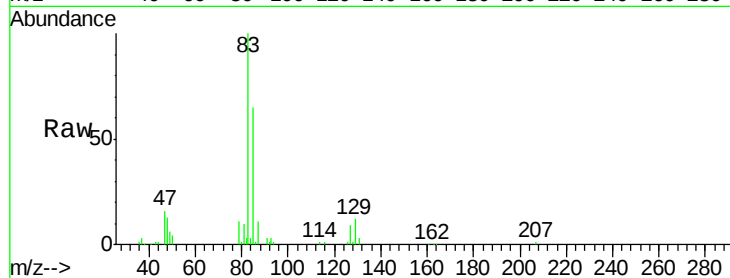
Tgt Ion: 83 Resp: 94616

Ion Ratio Lower Upper

83 100

85 65.1 51.1 76.7

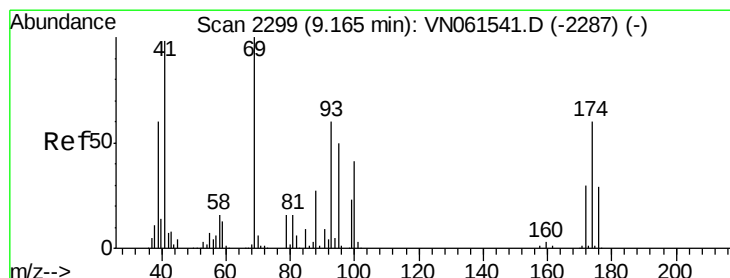
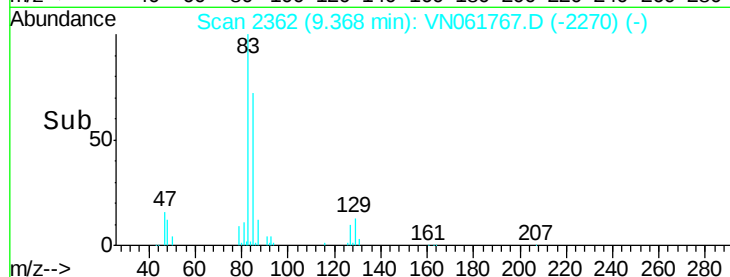
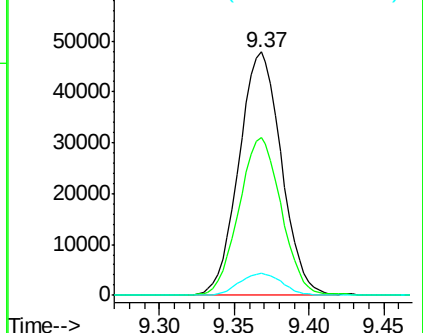
127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061767.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061767.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061767.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.50 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

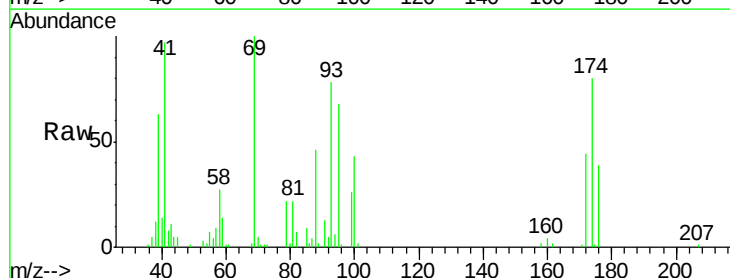
Tgt Ion: 41 Resp: 45604

Ion Ratio Lower Upper

41 100

69 107.0 83.9 125.9

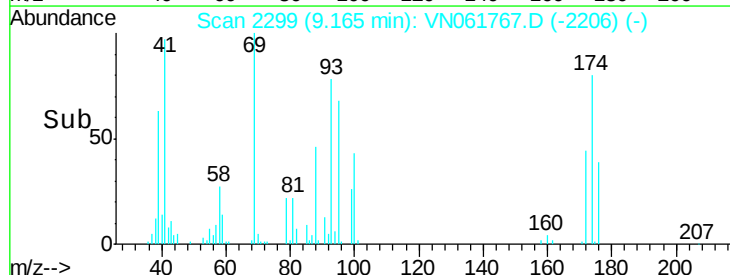
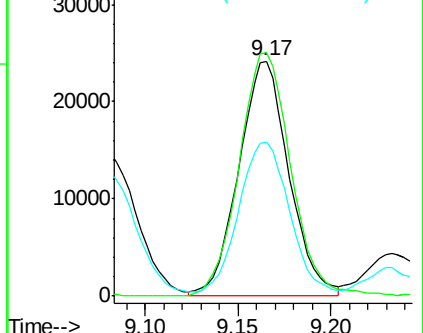
39 67.8 52.1 78.1

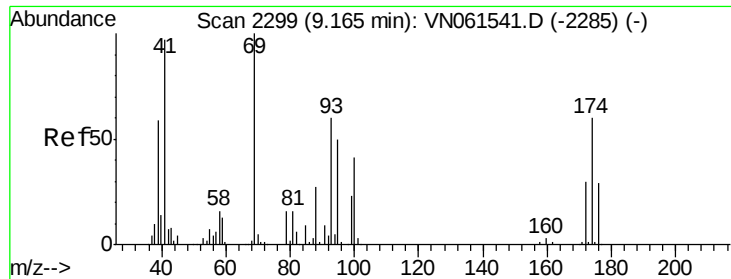


Abundance Ion 41.00 (40.70 to 41.70): VN061767.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061767.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061767.D (-2206) (-)

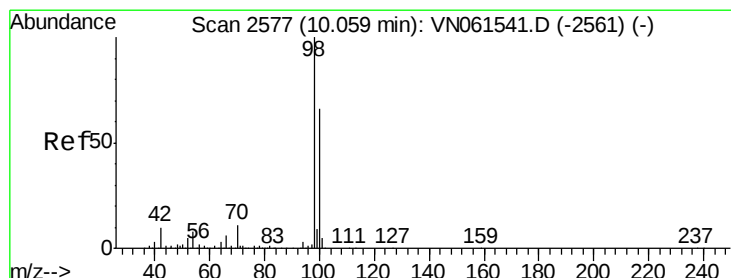
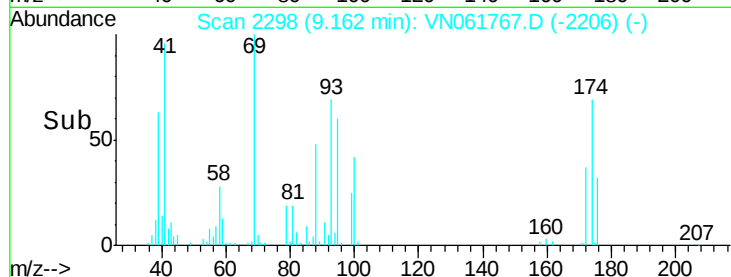
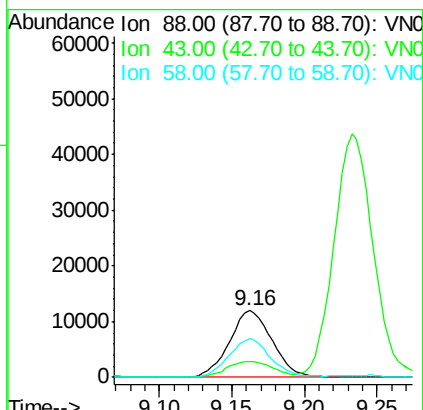
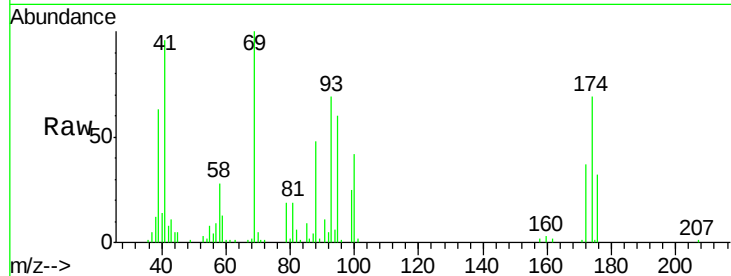




#49
 1,4-Dioxane
 Concen: 609.23 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

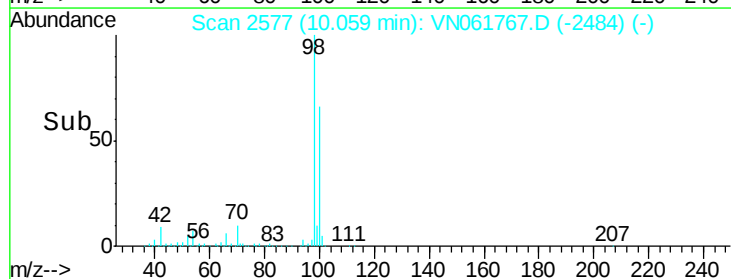
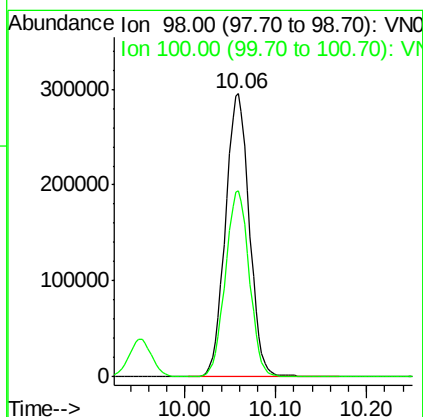
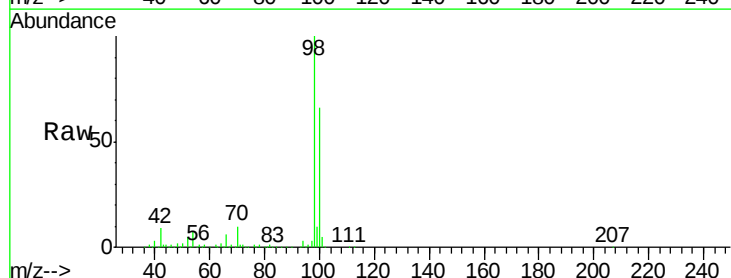
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

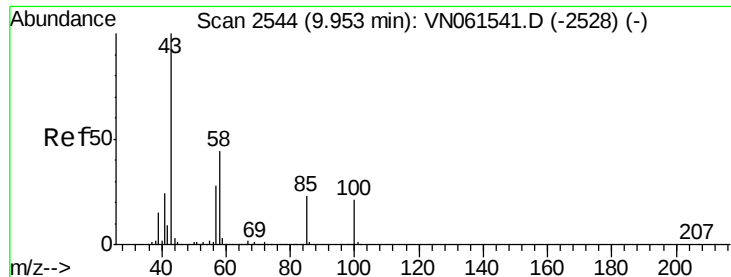
Tgt Ion: 88 Resp: 24591
 Ion Ratio Lower Upper
 88 100
 43 25.3 23.1 34.7
 58 56.5 48.3 72.5



#50
 Toluene-d8
 Concen: 50.92 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 98 Resp: 540388
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.8 79.2

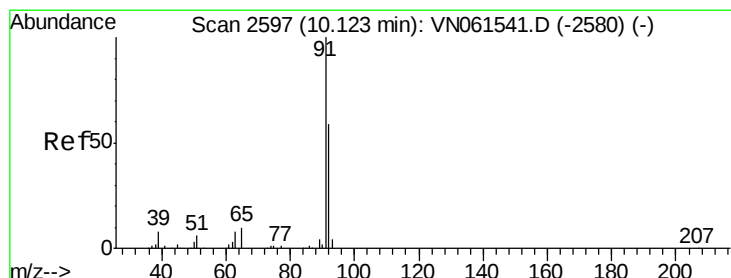
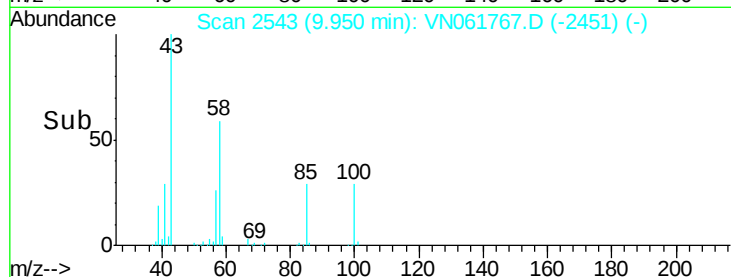
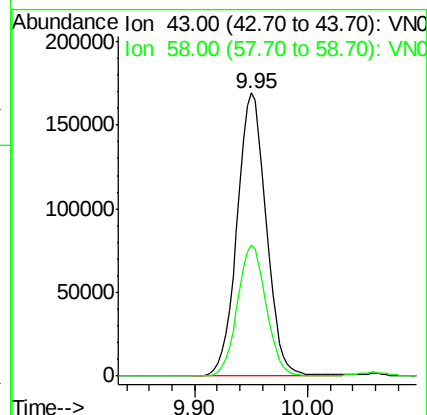
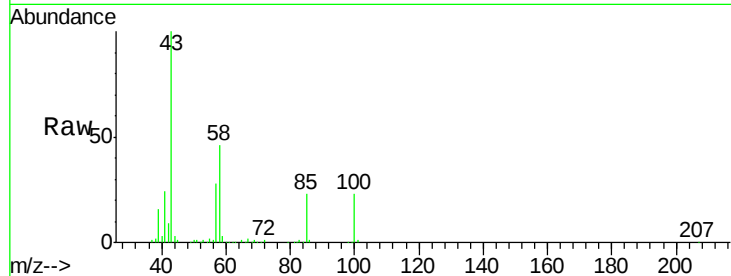




#51
 4-Methyl-2-Pentanone
 Concen: 93.11 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

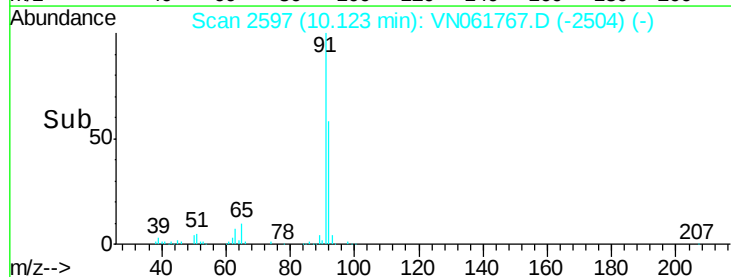
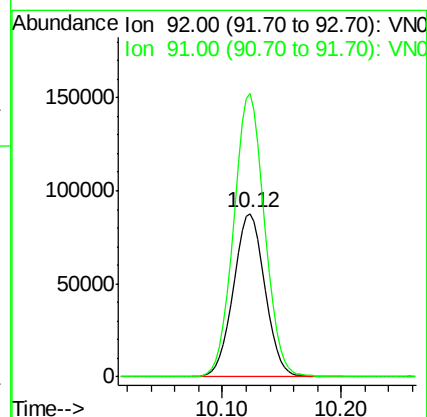
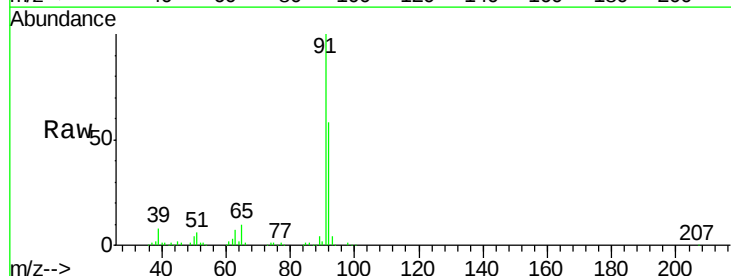
Instrument :
 MSVOA_N
 ClientSampled :
 VN0611WBS02

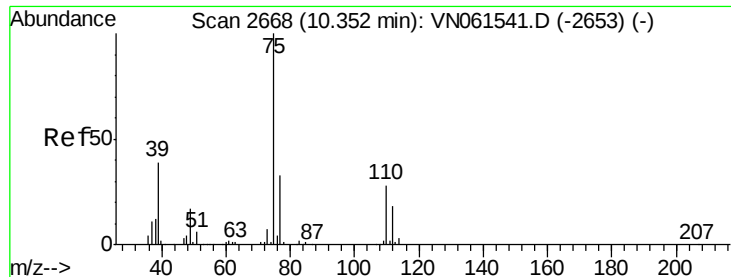
Tgt Ion: 43 Resp: 303874
 Ion Ratio Lower Upper
 43 100
 58 45.7 35.0 52.6



#52
 Toluene
 Concen: 20.01 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 92 Resp: 161017
 Ion Ratio Lower Upper
 92 100
 91 169.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.42 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

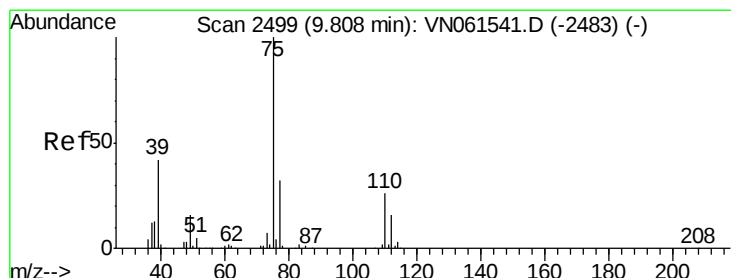
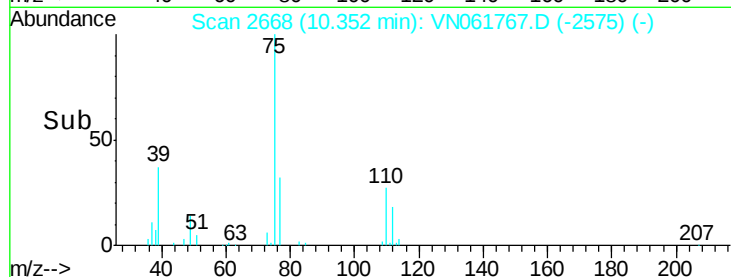
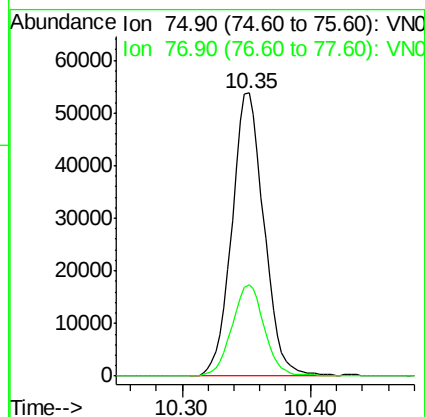
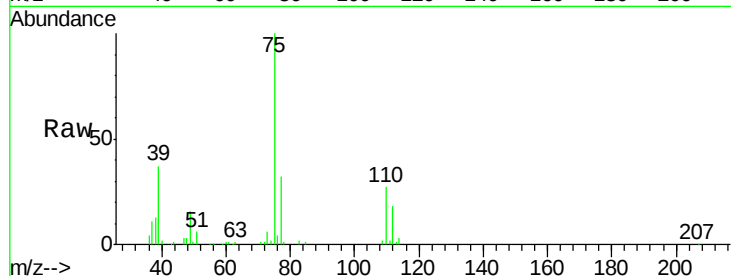
VN0611WBS02

Tgt Ion: 75 Resp: 93091

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.90 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

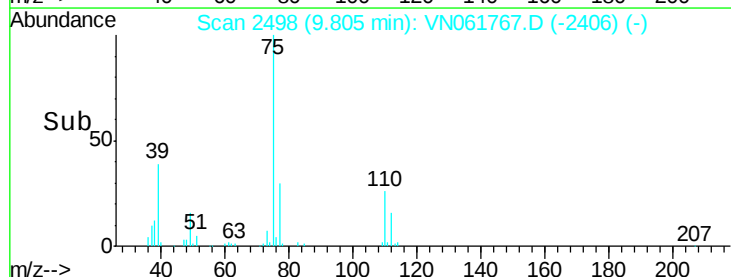
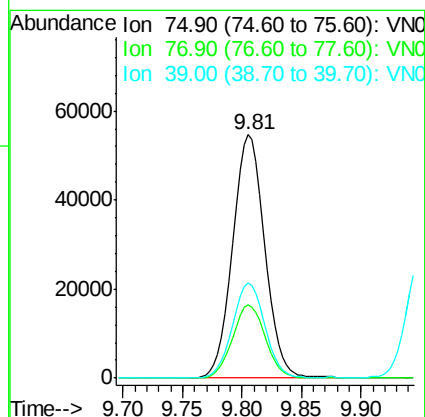
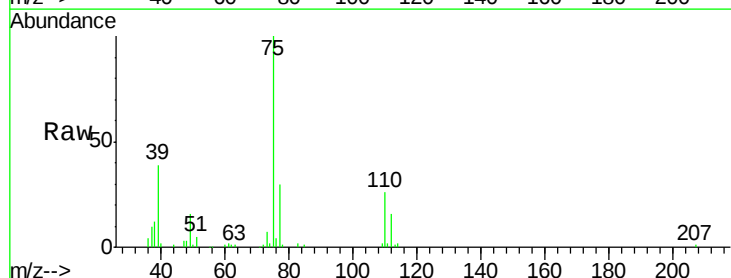
Tgt Ion: 75 Resp: 102578

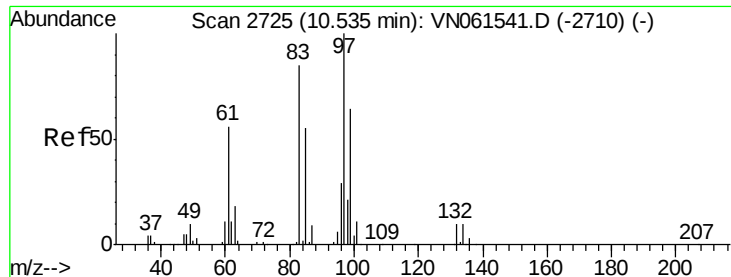
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.2

39 39.0 33.8 50.6

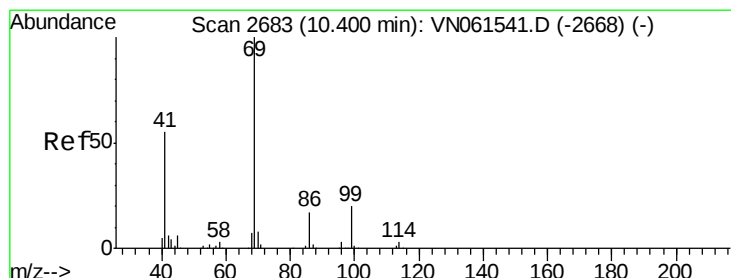
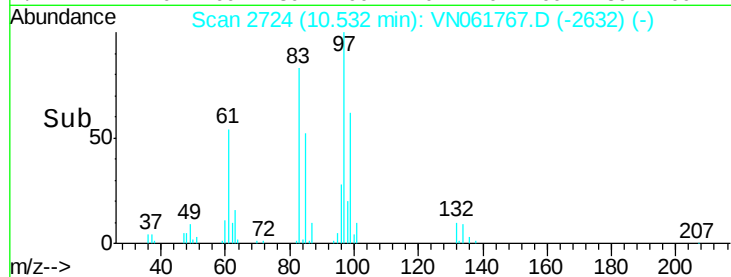
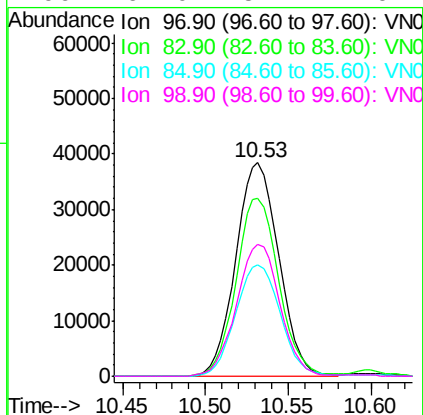
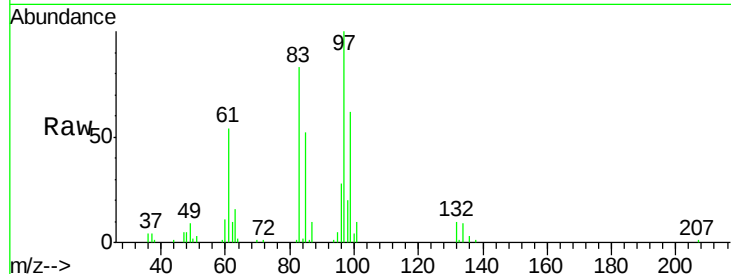




#55
 1,1,2-Trichloroethane
 Concen: 21.71 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

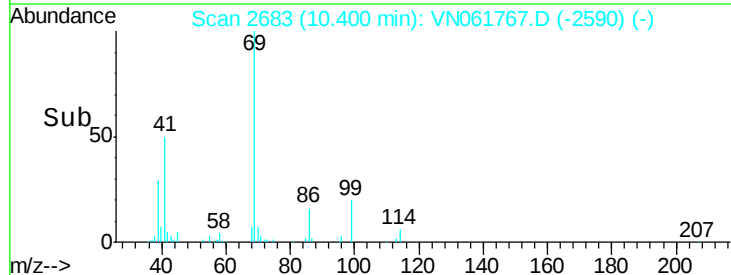
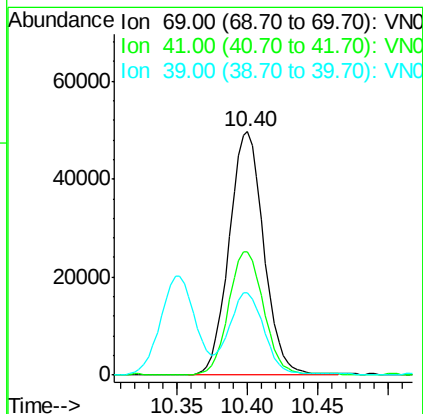
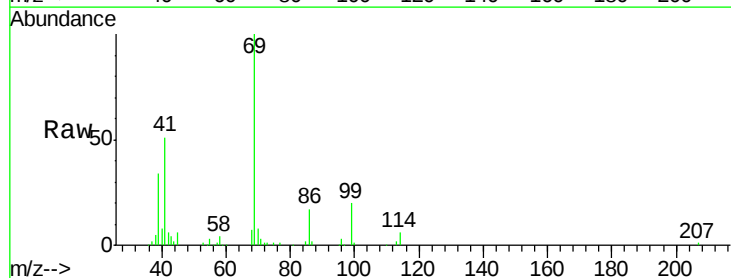
Instrument :
 MSVOA_N
 ClientSampled :
 VN0611WBS02

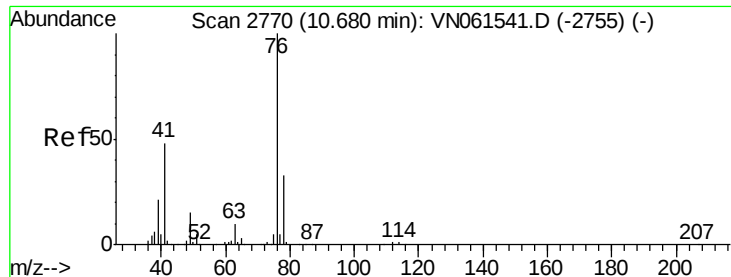
Tgt Ion: 97 Resp: 69604
 Ion Ratio Lower Upper
 97 100
 83 83.3 68.1 102.1
 85 52.2 44.1 66.1
 99 62.0 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 19.10 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 69 Resp: 85547
 Ion Ratio Lower Upper
 69 100
 41 51.6 43.5 65.3
 39 35.3 27.0 40.6

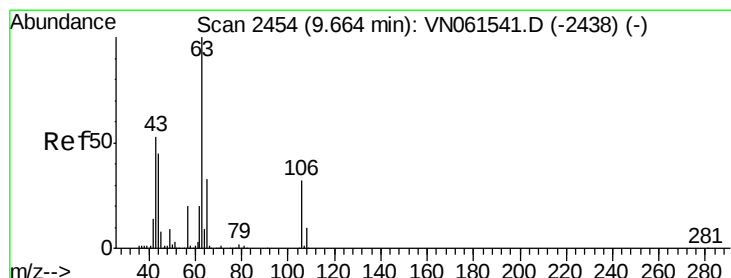
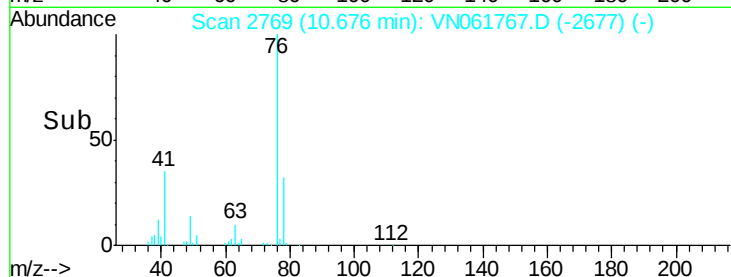
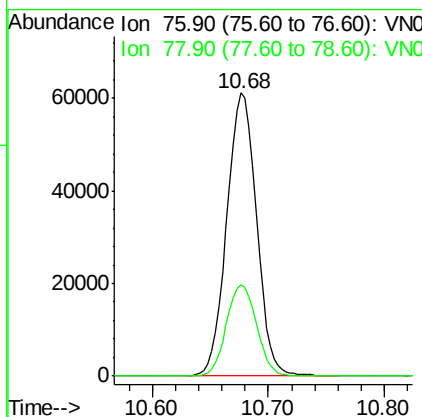
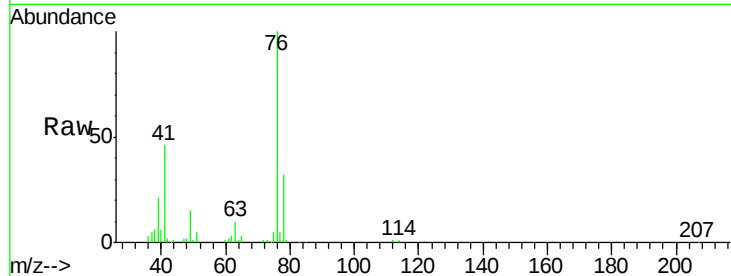




#57
 1,3-Dichloropropane
 Concen: 21.19 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

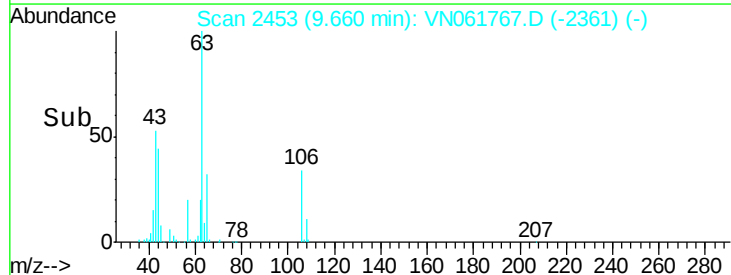
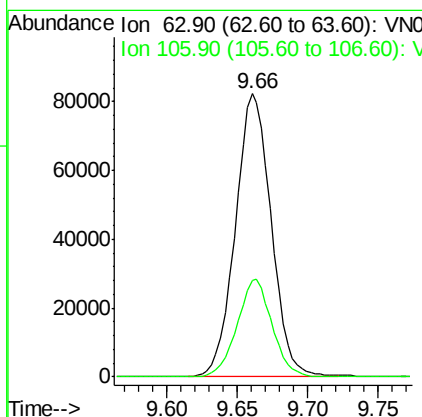
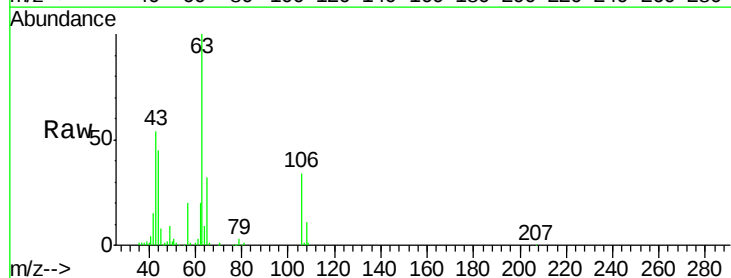
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

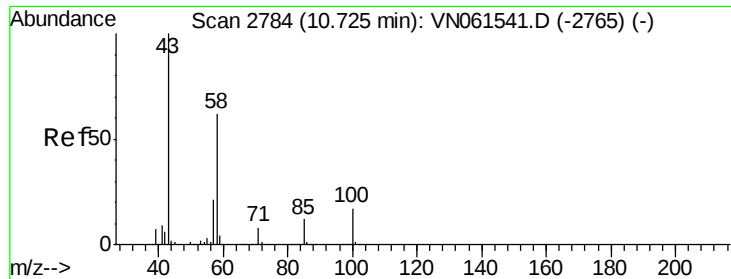
Tgt Ion: 76 Resp: 108693
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.44 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 63 Resp: 146309
 Ion Ratio Lower Upper
 63 100
 106 33.7 25.9 38.9

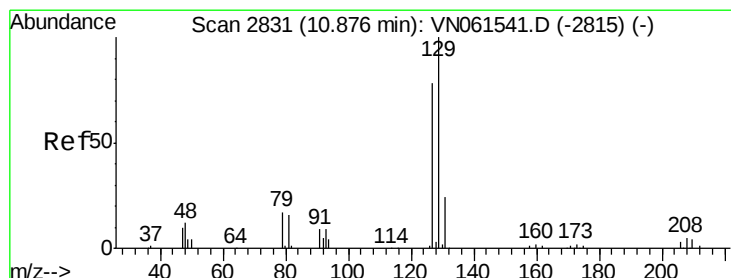
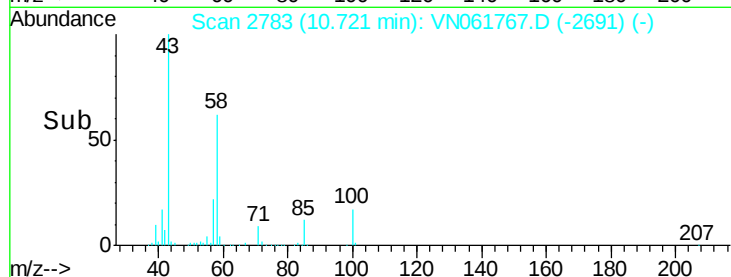
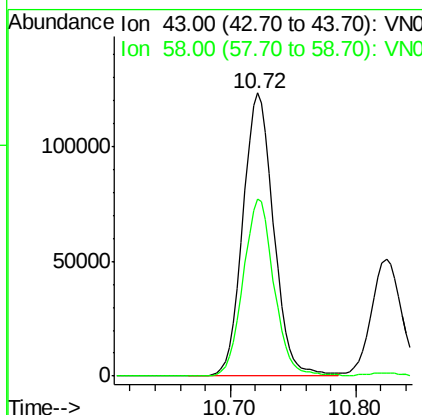
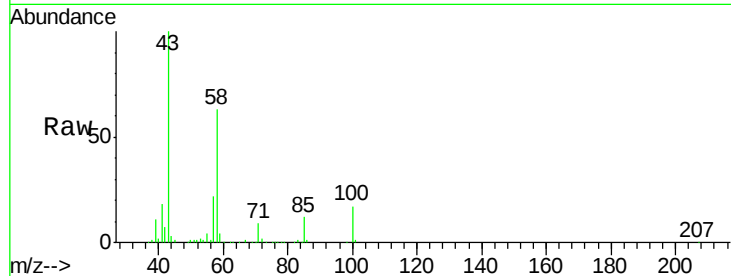




#59
2-Hexanone
Concen: 90.02 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

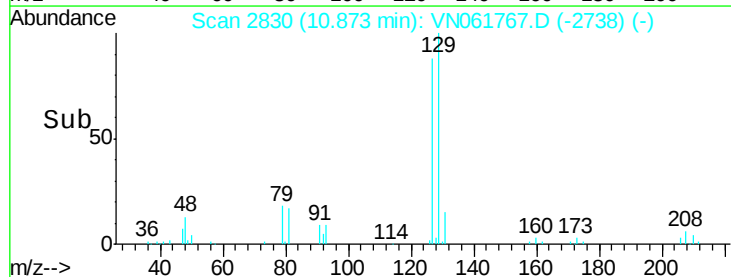
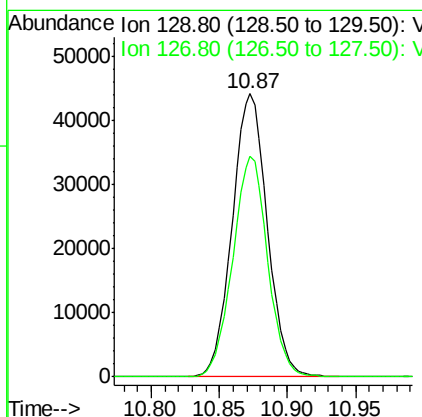
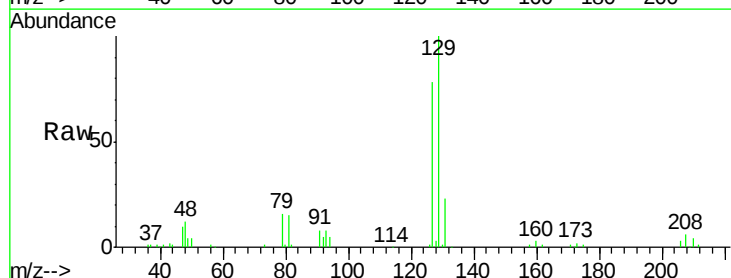
Instrument :
MSVOA_N
ClientSampled :
VN0611WBS02

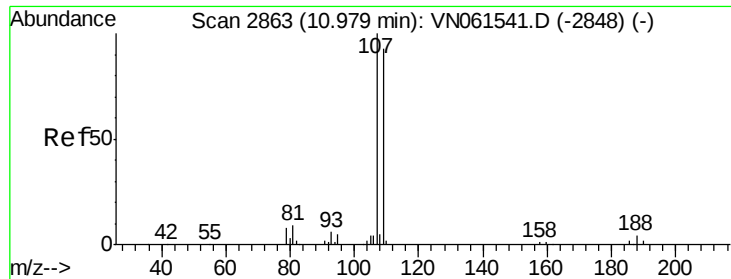
Tgt Ion: 43 Resp: 210990
Ion Ratio Lower Upper
43 100
58 62.7 30.7 92.1



#60
Dibromochloromethane
Concen: 21.64 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 129 Resp: 78897
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3

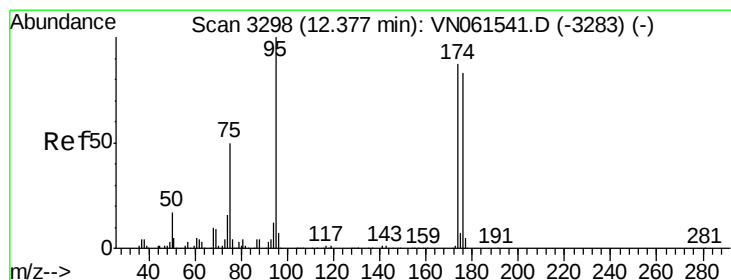
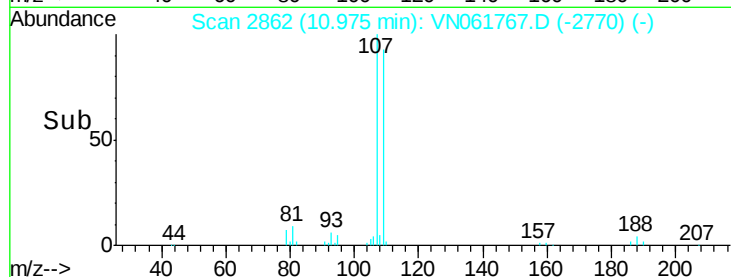
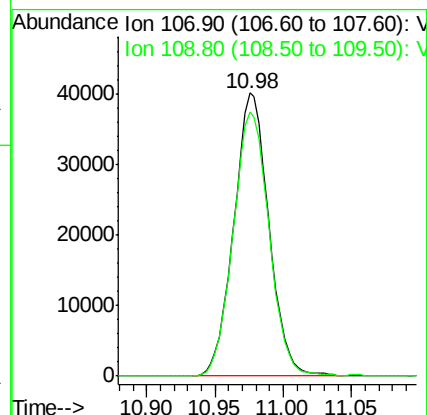
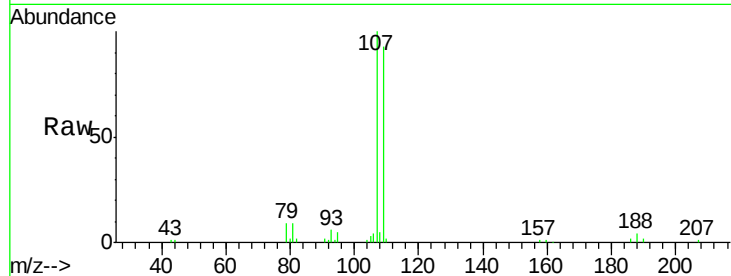




#61
 1,2-Dibromoethane
 Concen: 21.40 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

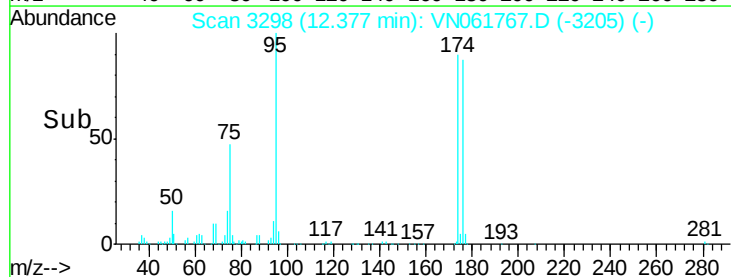
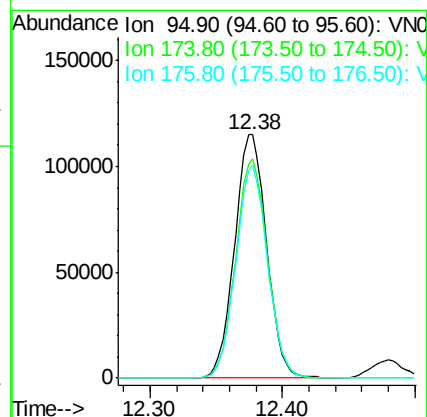
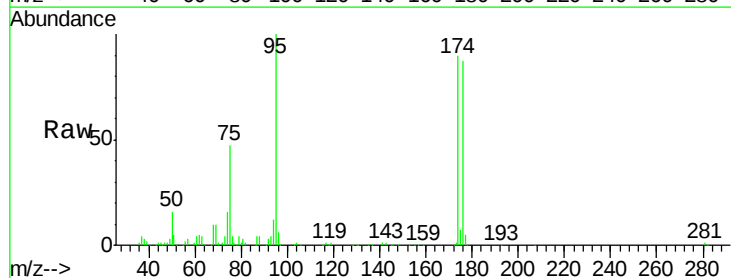
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

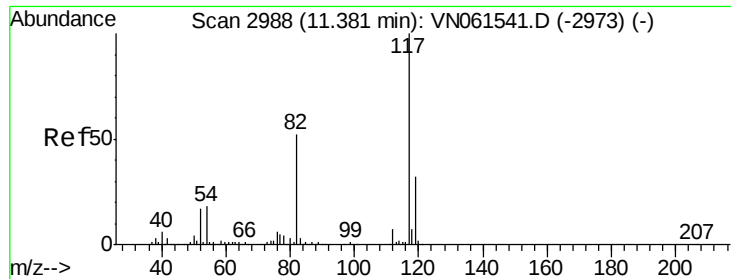
Tgt Ion: 107 Resp: 71569
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.84 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 95 Resp: 192967
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 172.8
 176 86.5 0.0 164.8

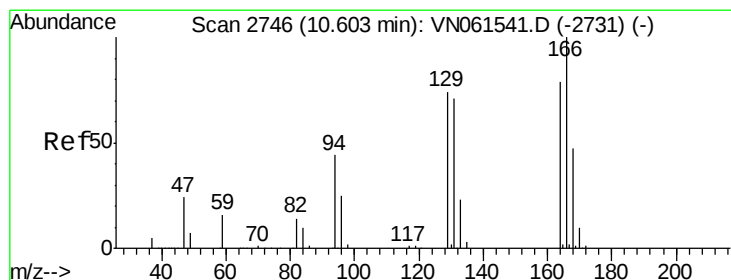
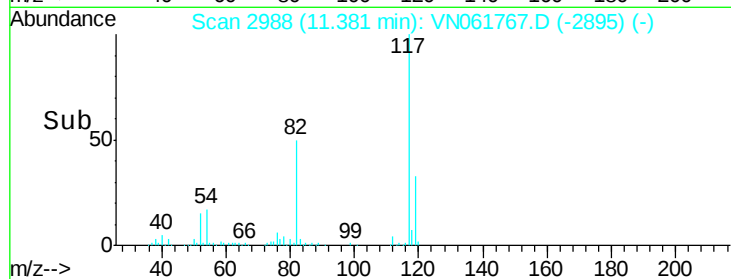
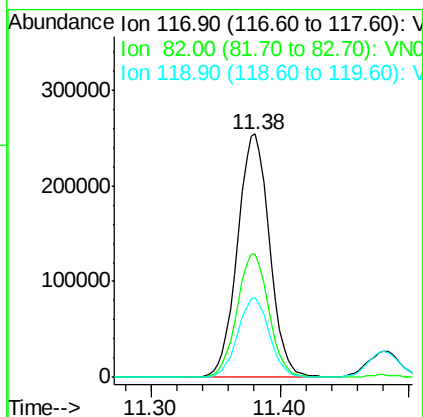
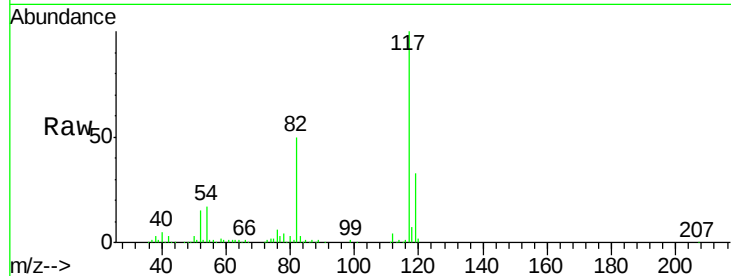




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

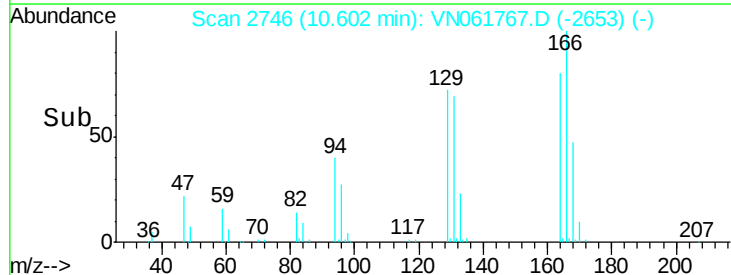
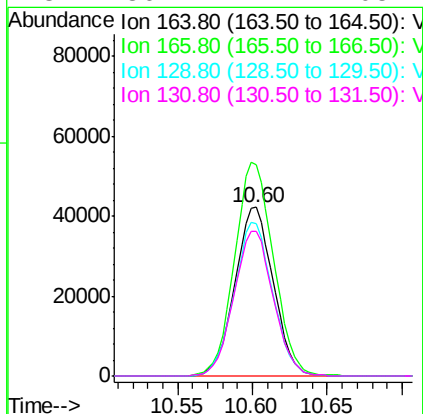
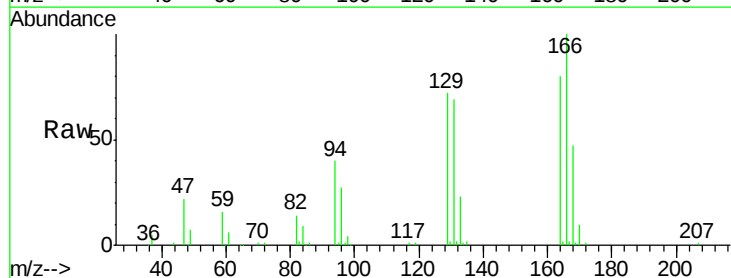
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

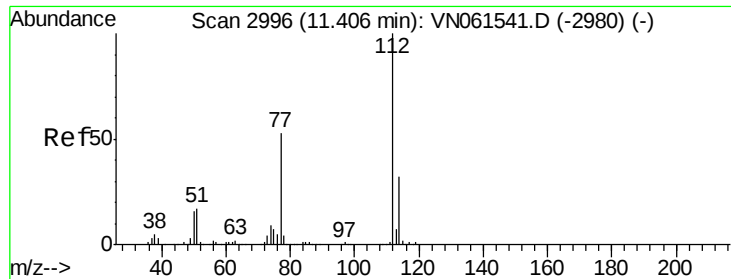
Tgt Ion:117 Resp: 440127
Ion Ratio Lower Upper
117 100
82 50.4 41.5 62.3
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 18.14 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion:164 Resp: 75144
Ion Ratio Lower Upper
164 100
166 125.1 101.5 152.3
129 90.1 74.9 112.3
131 86.2 72.2 108.2





#65

Chlorobenzene

Concen: 19.70 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampled :

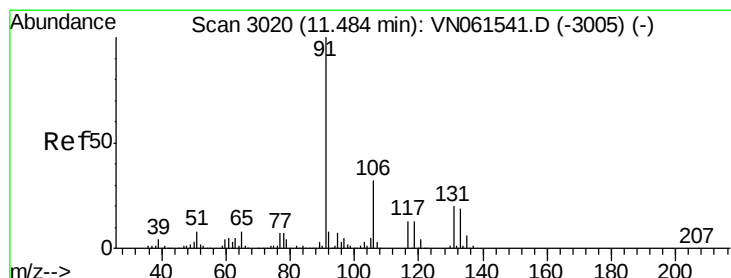
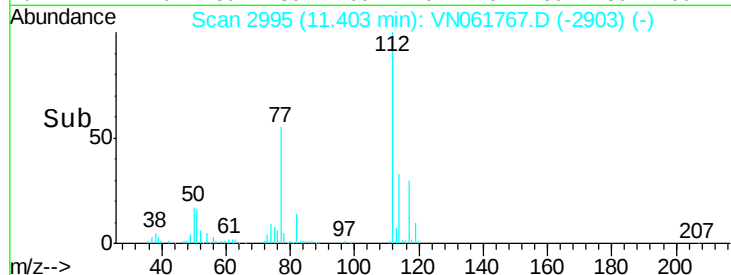
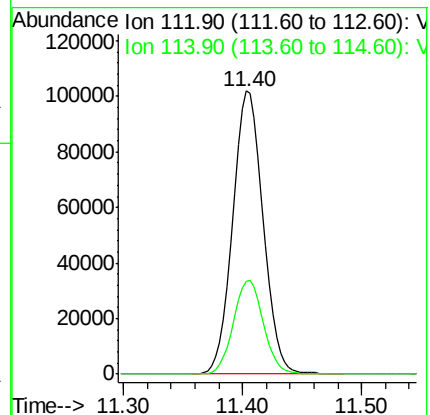
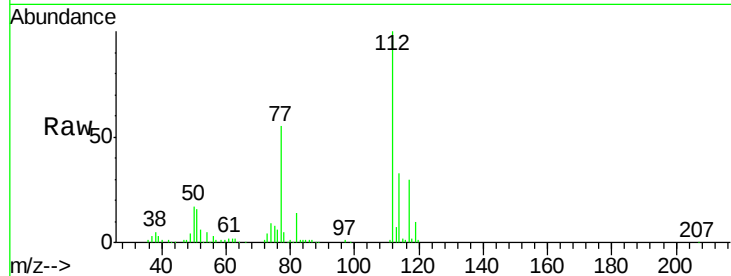
VN0611WBS02

Tgt Ion:112 Resp: 180183

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.86 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

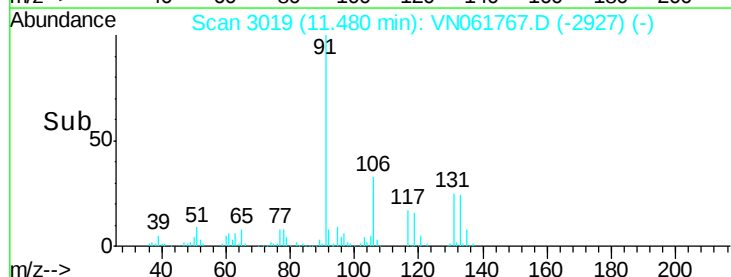
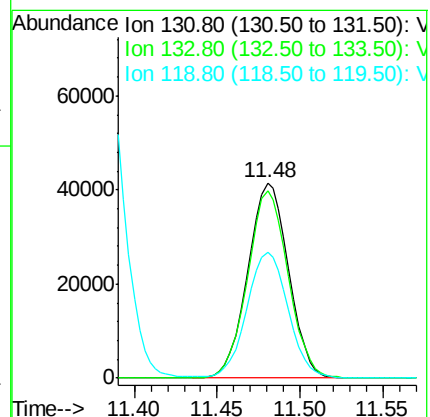
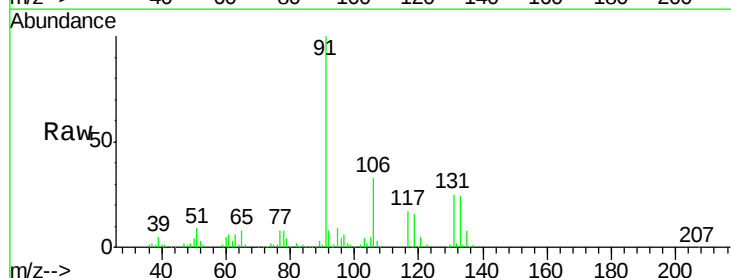
Tgt Ion:131 Resp: 71074

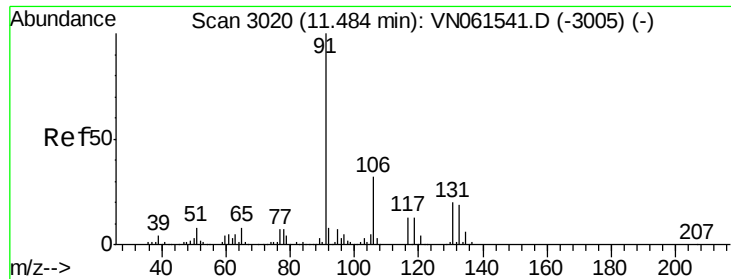
Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.2

119 65.6 32.6 97.8

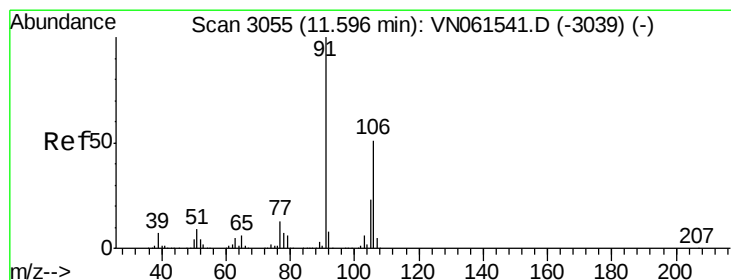
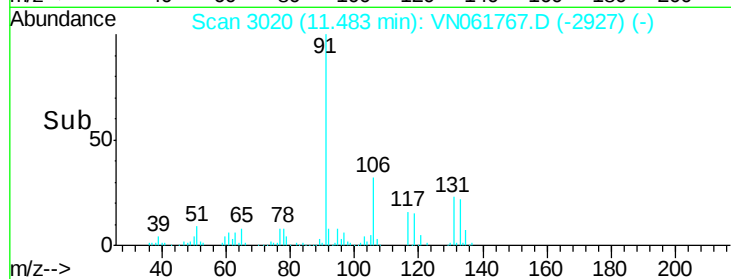
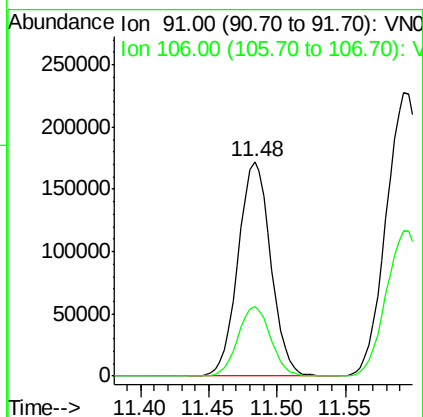
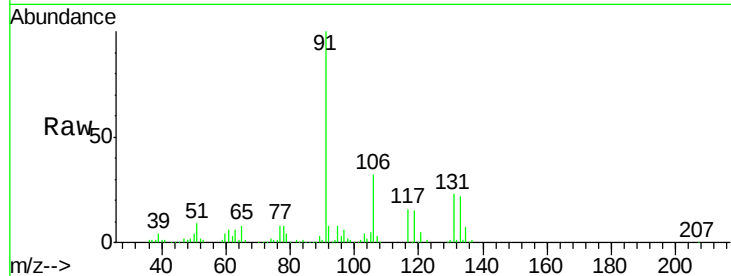




#67
Ethyl Benzene
Concen: 18.13 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

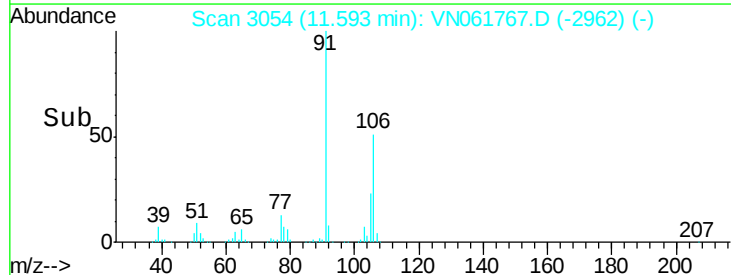
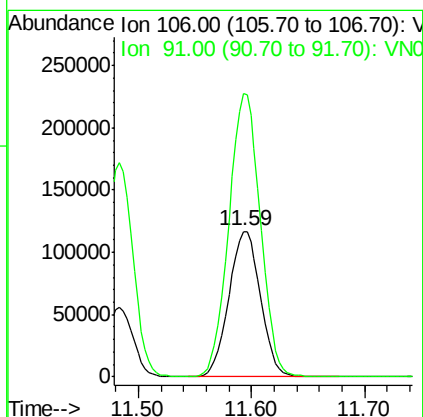
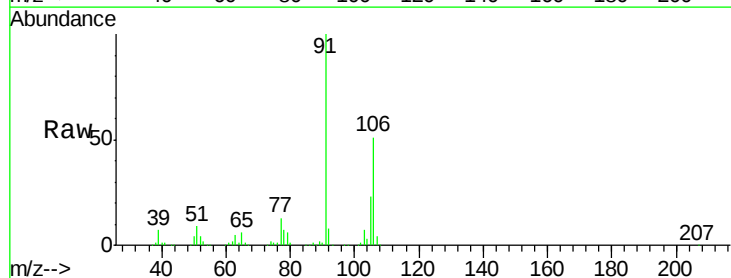
Instrument :
MSVOA_N
ClientSampled :
VN0611WBS02

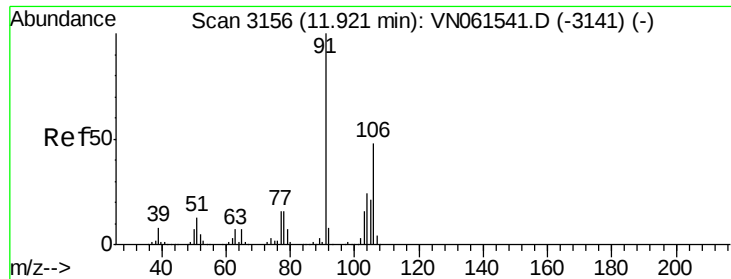
Tgt Ion: 91 Resp: 286700
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 36.22 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 106 Resp: 227068
Ion Ratio Lower Upper
106 100
91 192.9 156.2 234.4

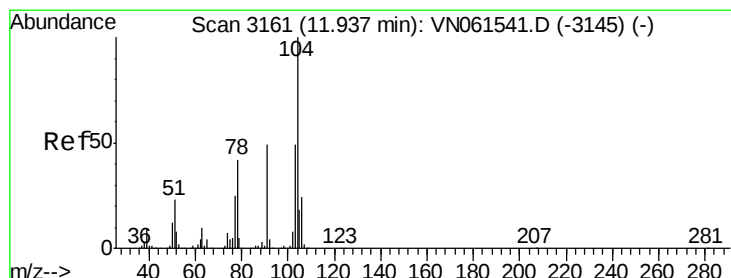
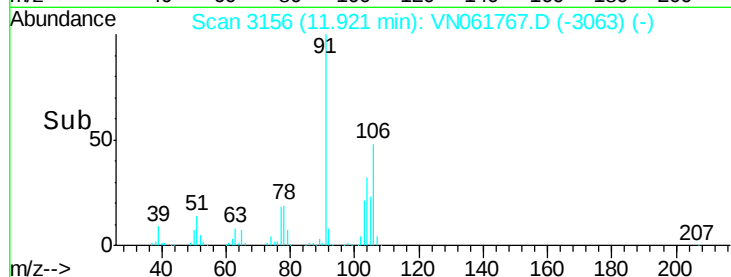
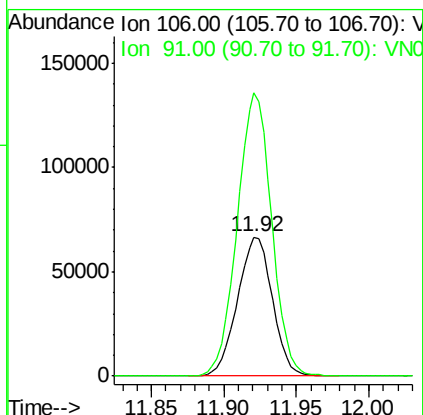
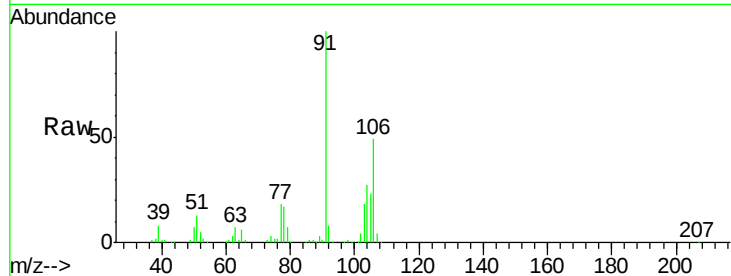




#69
o-Xylene
Concen: 18.77 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

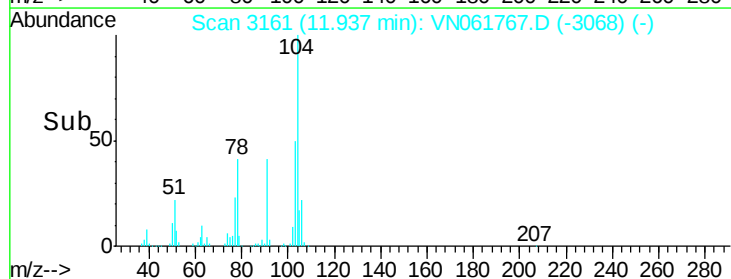
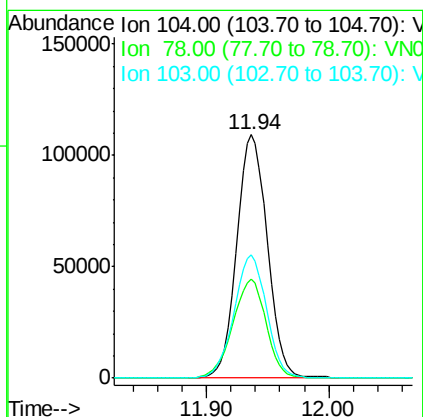
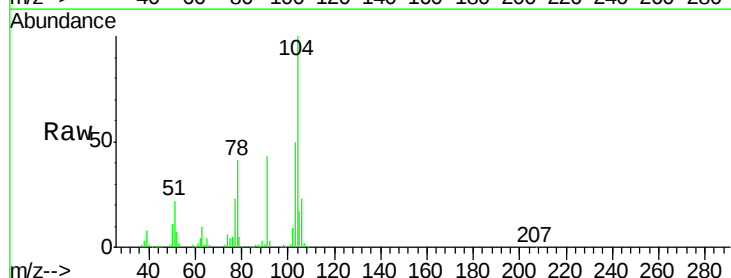
Instrument :
MSVOA_N
ClientSampled :
VN0611WBS02

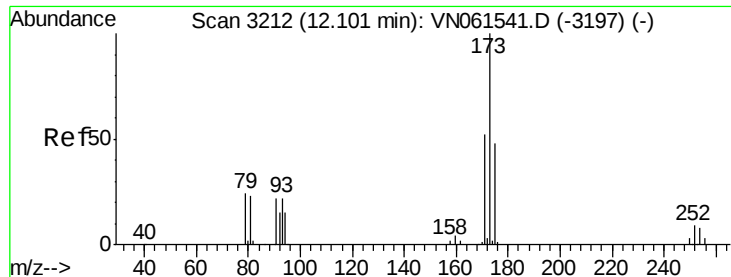
Tgt Ion:106 Resp: 111752
Ion Ratio Lower Upper
106 100
91 200.3 103.3 309.8



#70
Styrene
Concen: 19.19 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion:104 Resp: 189267
Ion Ratio Lower Upper
104 100
78 44.5 37.4 56.0
103 54.1 42.3 63.5





#71

Bromoform

Concen: 20.22 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampled :

VN0611WBS02

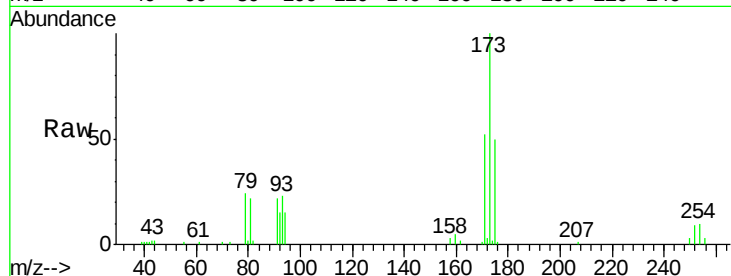
Tgt Ion:173 Resp: 53066

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.2

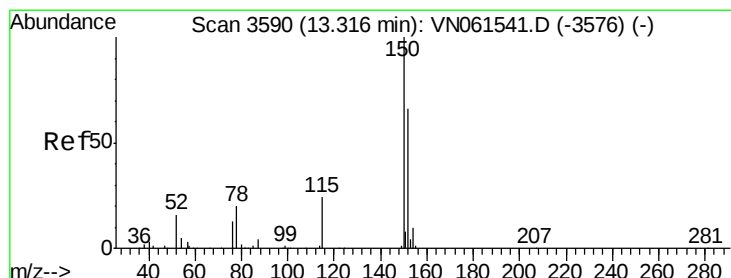
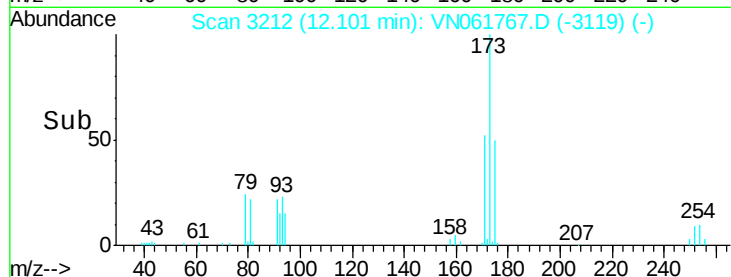
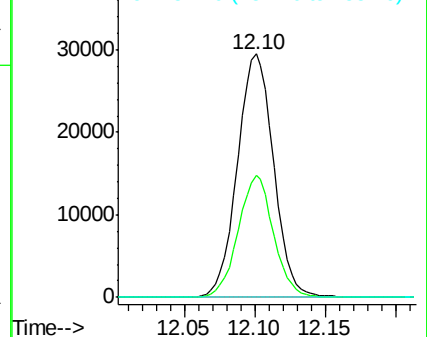
254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

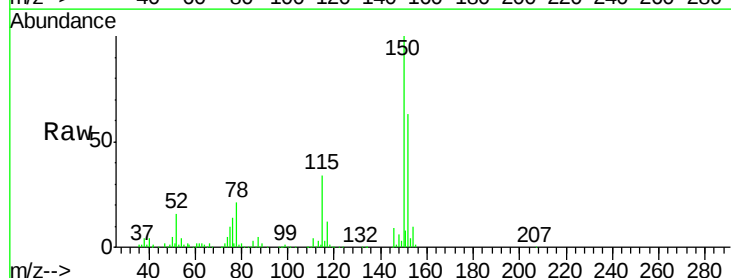
Tgt Ion:152 Resp: 213928

Ion Ratio Lower Upper

152 100

115 55.5 28.0 84.0

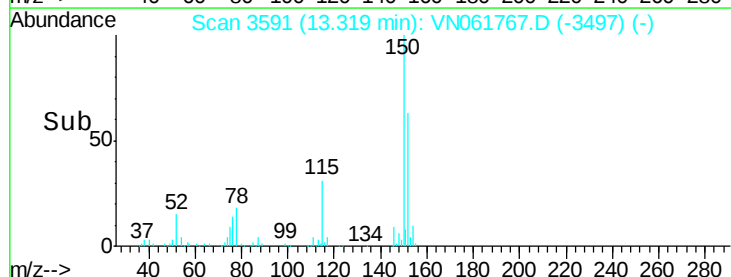
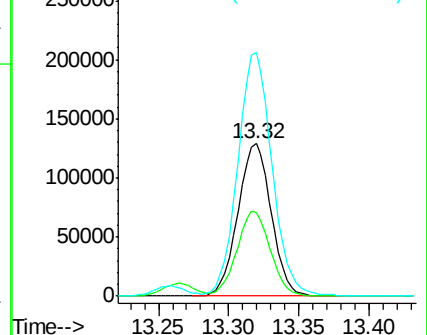
150 164.1 0.0 344.0

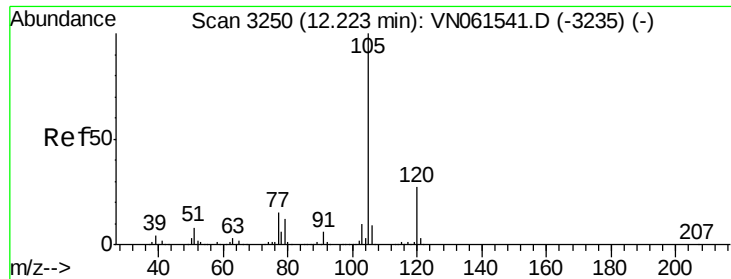


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.61 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

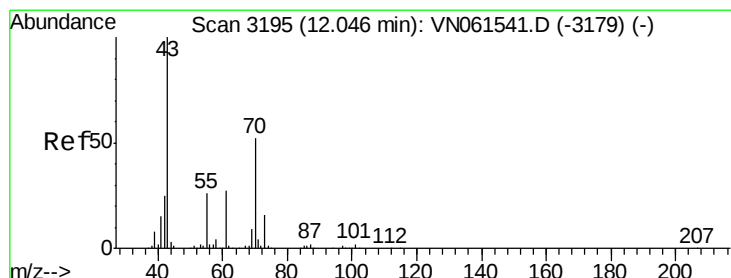
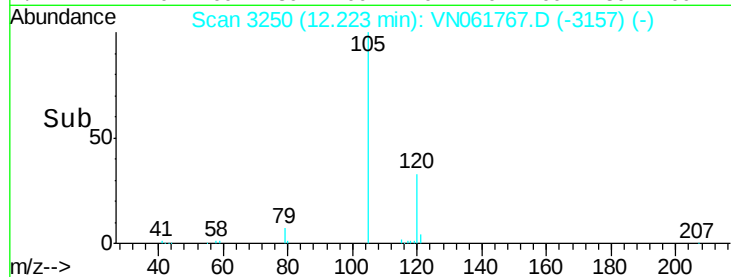
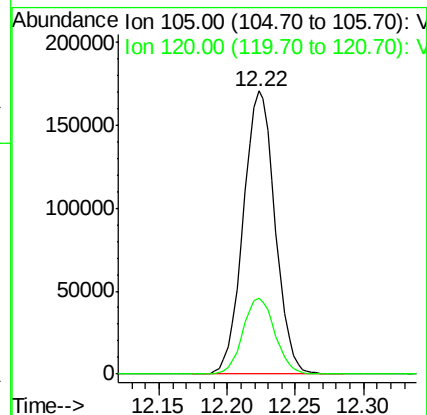
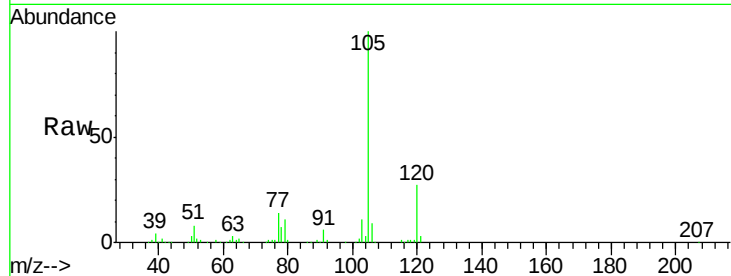
VN0611WBS02

Tgt Ion: 105 Resp: 274910

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



#74

N-ethyl acetate

Concen: 16.54 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Tgt Ion: 43 Resp: 81318

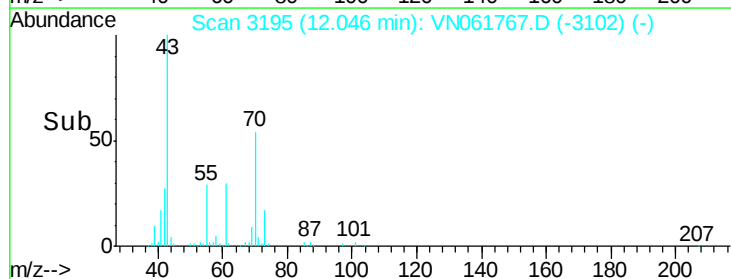
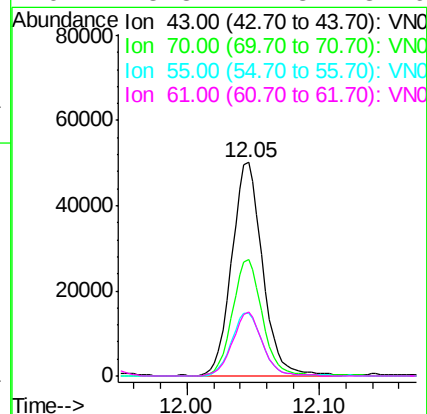
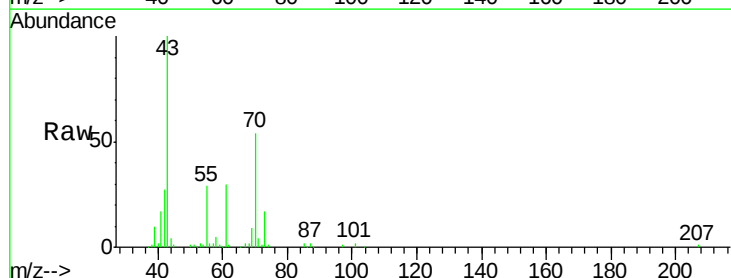
Ion Ratio Lower Upper

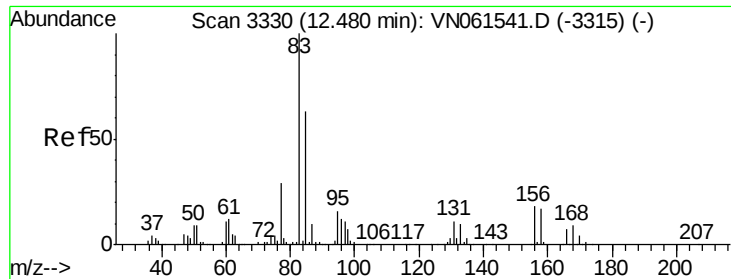
43 100

70 53.0 40.5 60.7

55 29.8 20.6 31.0

61 28.8 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.65 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

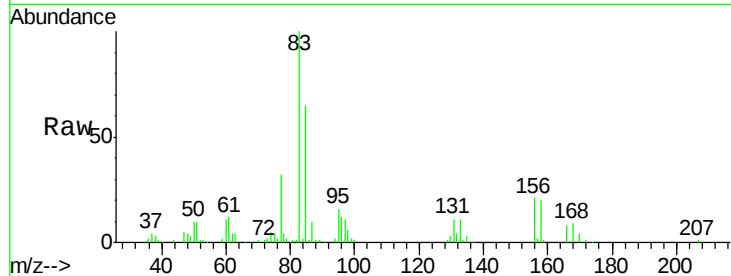
Tgt Ion: 83 Resp: 85980

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

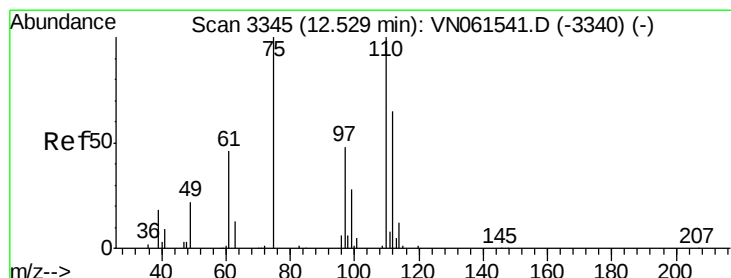
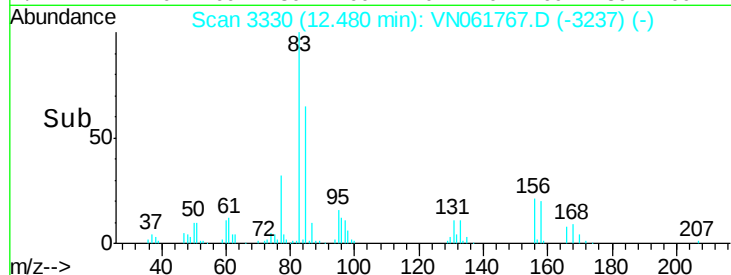
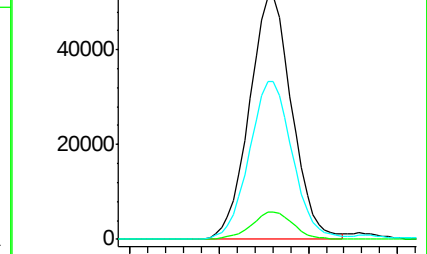
85 65.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 26.93 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061767.D

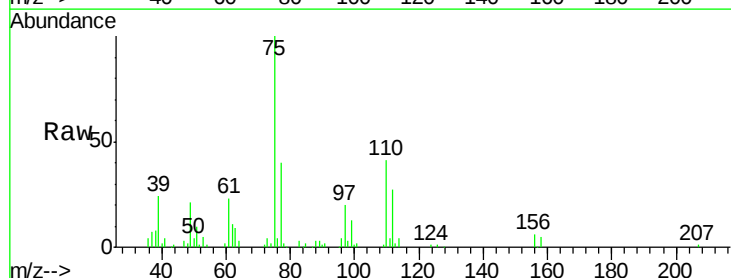
Acq: 12 Jun 2020 3:19

Tgt Ion: 75 Resp: 104760

Ion Ratio Lower Upper

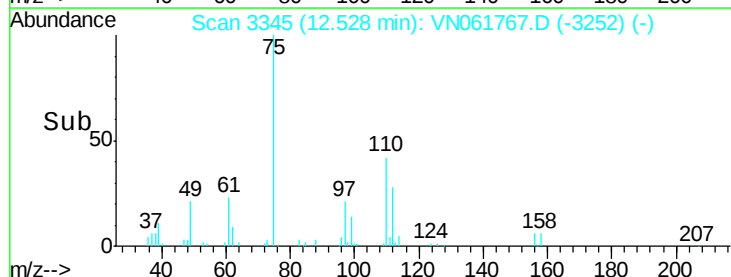
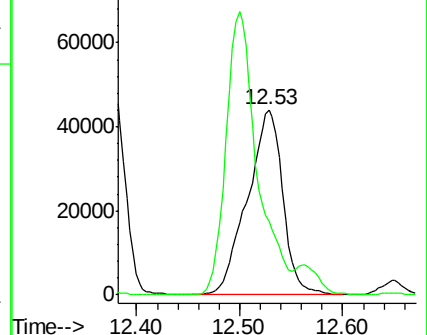
75 100

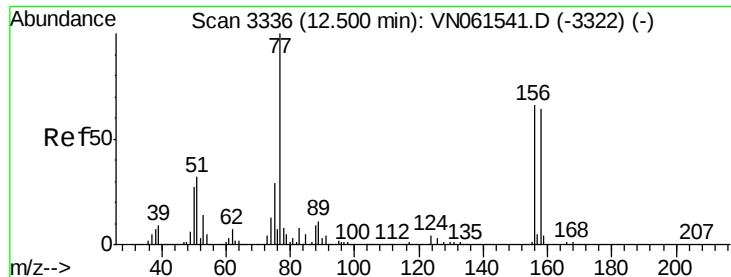
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)





#77

Bromobenzene

Concen: 20.67 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampled :

VN0611WBS02

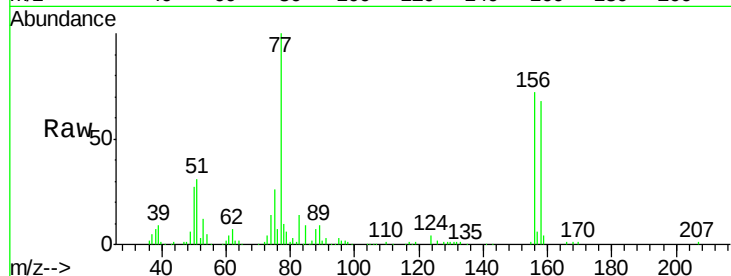
Tgt Ion:156 Resp: 82369

Ion Ratio Lower Upper

156 100

77 172.4 90.9 272.7

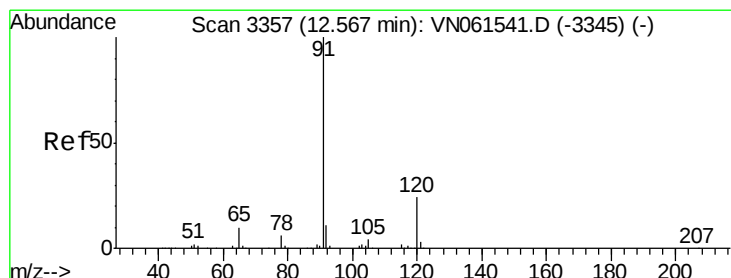
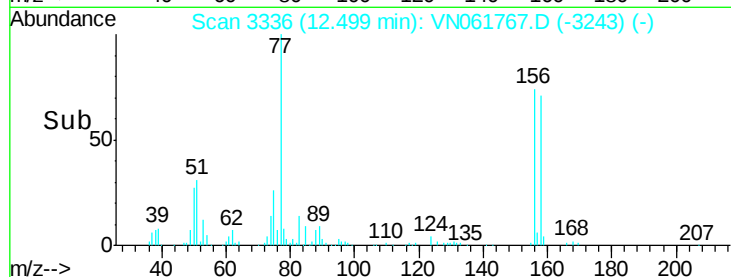
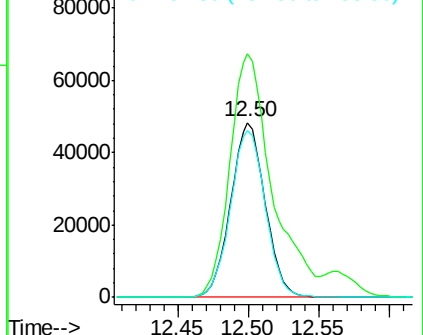
158 97.0 48.4 145.3



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: 17.21 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061767.D

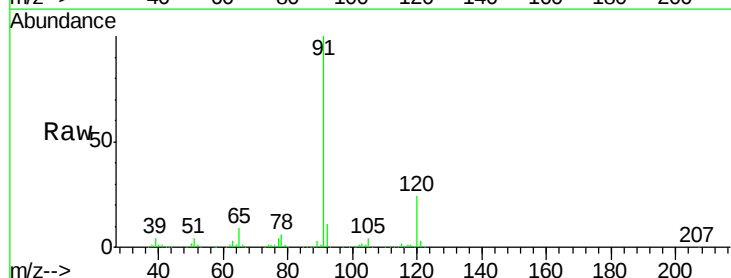
Acq: 12 Jun 2020 3:19

Tgt Ion: 91 Resp: 300068

Ion Ratio Lower Upper

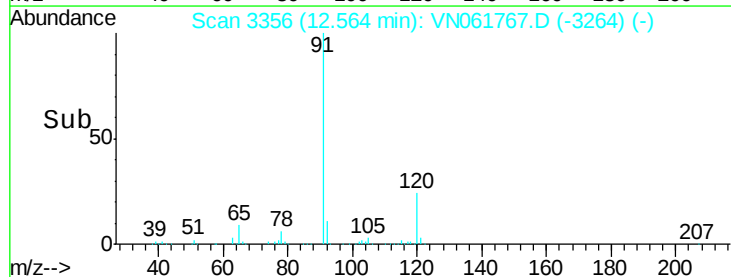
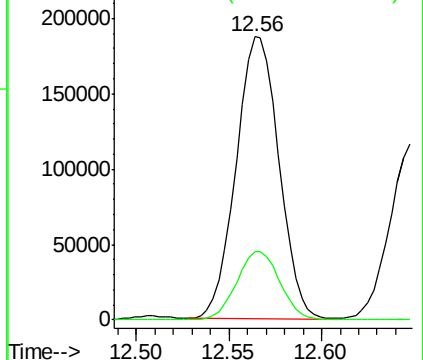
91 100

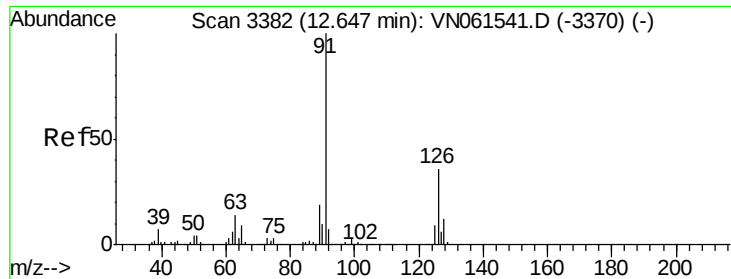
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.34 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

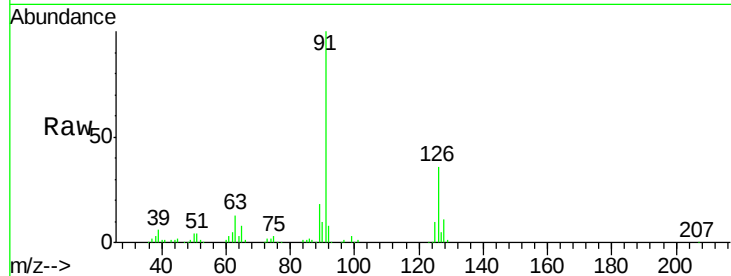
VN0611WBS02

Tgt Ion: 91 Resp: 190571

Ion Ratio Lower Upper

91 100

126 36.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

200000

150000

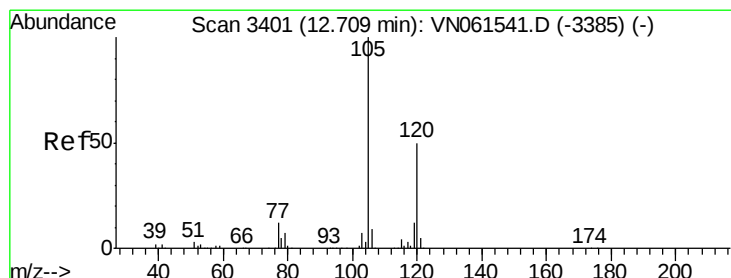
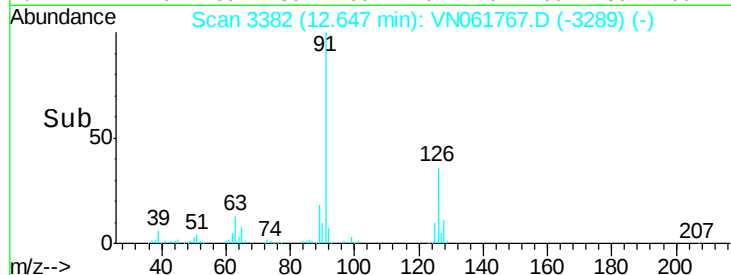
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.77 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061767.D

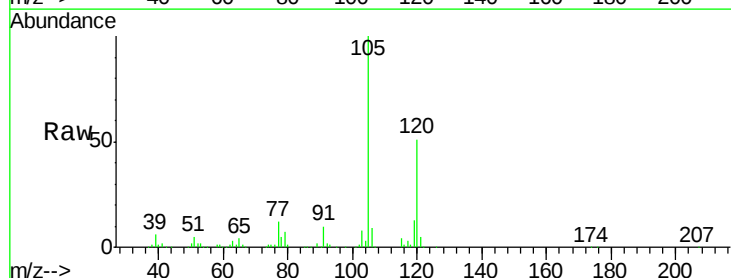
Acq: 12 Jun 2020 3:19

Tgt Ion: 105 Resp: 231894

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

150000

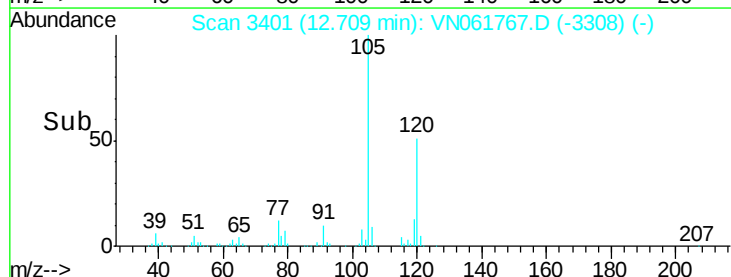
100000

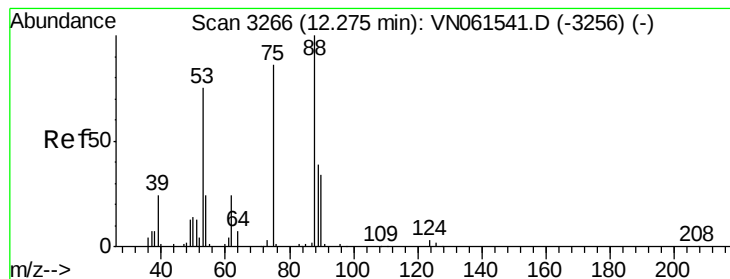
50000

0

12.70 12.71 12.72

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.59 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

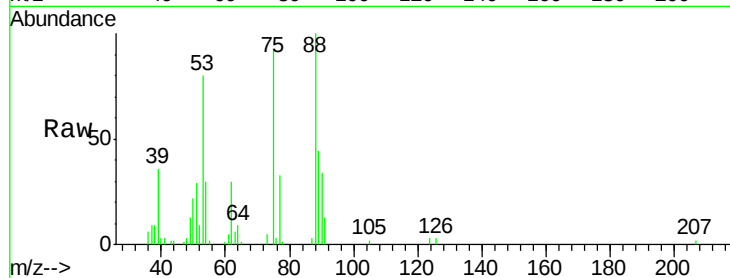
Tgt Ion: 75 Resp: 23708

Ion Ratio Lower Upper

75 100

53 89.4 67.8 101.8

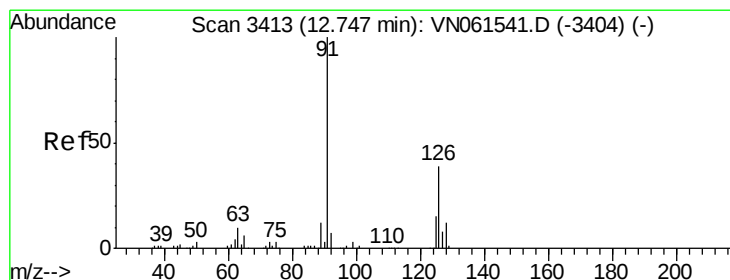
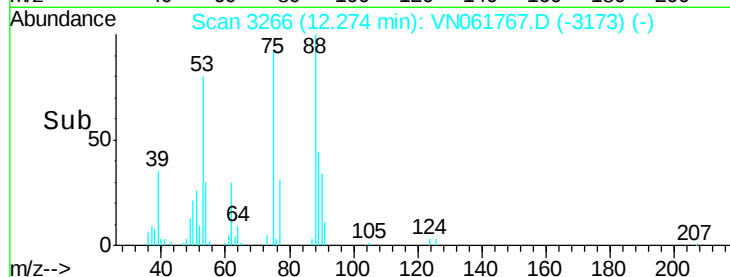
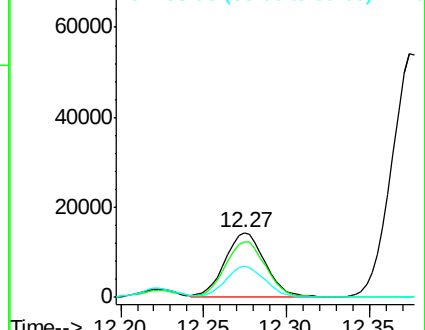
89 47.6 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.32 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061767.D

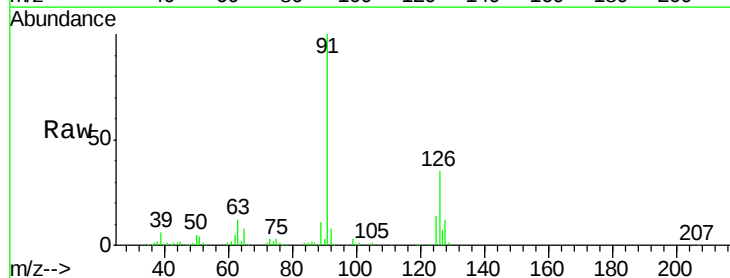
Acq: 12 Jun 2020 3:19

Tgt Ion: 91 Resp: 200305

Ion Ratio Lower Upper

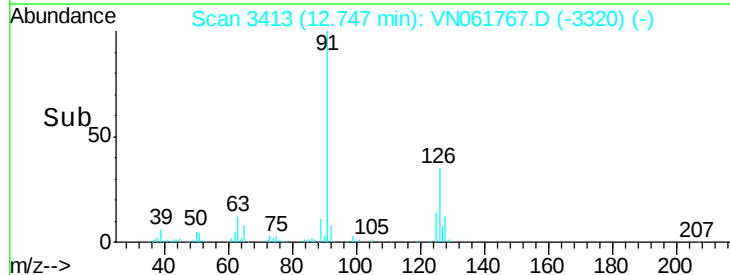
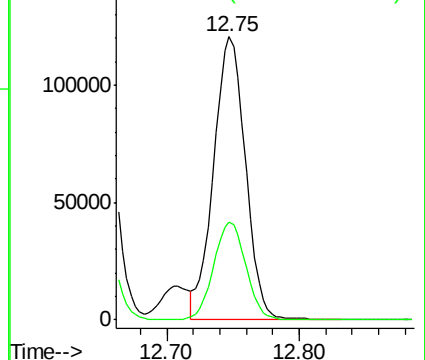
91 100

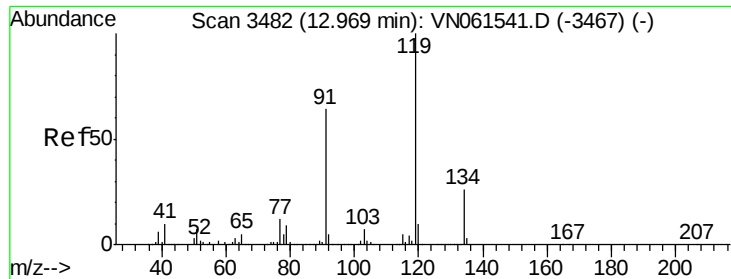
126 35.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

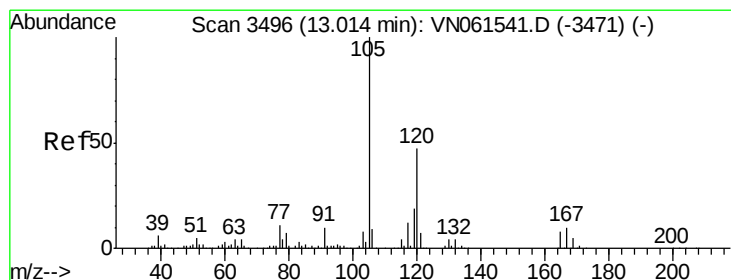
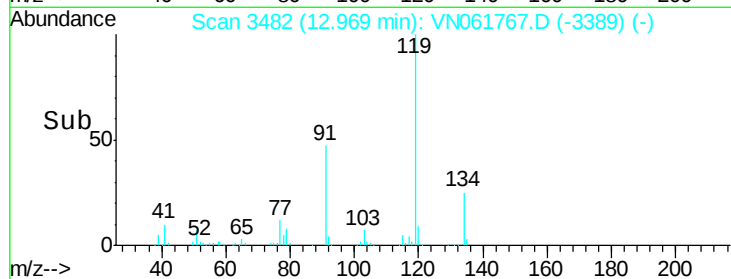
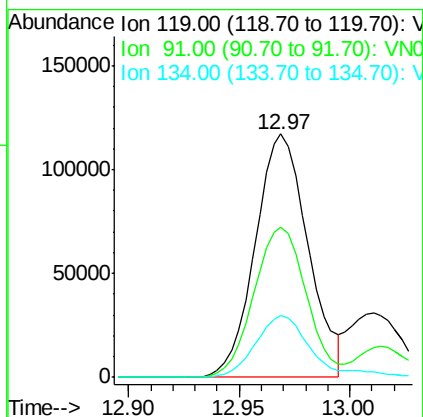
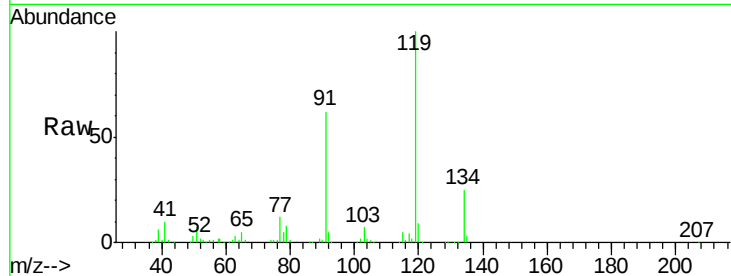




#83
 tert-Butylbenzene
 Concen: 16.85 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

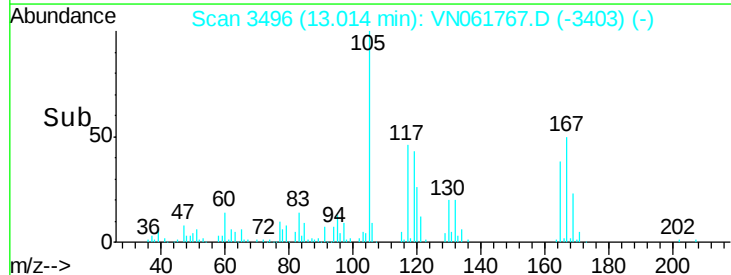
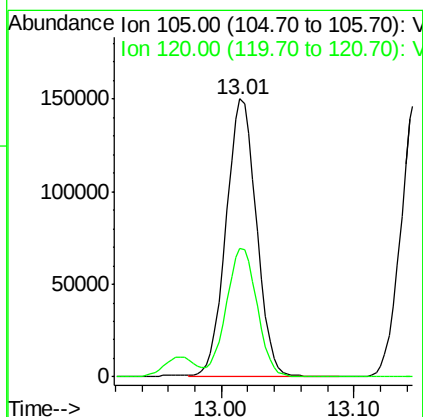
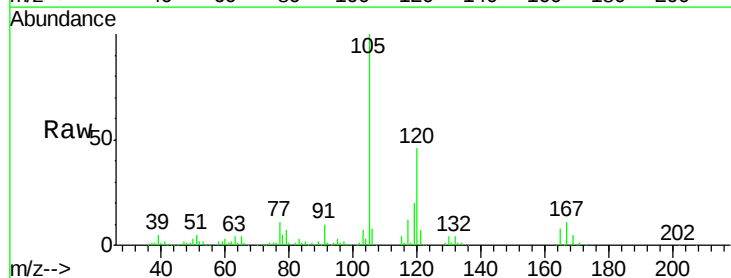
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

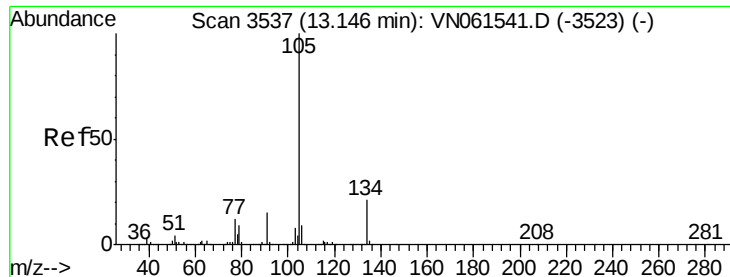
Tgt Ion:119 Resp: 194318
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.3 93.8
 134 26.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.36 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion:105 Resp: 238014
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.2 69.5

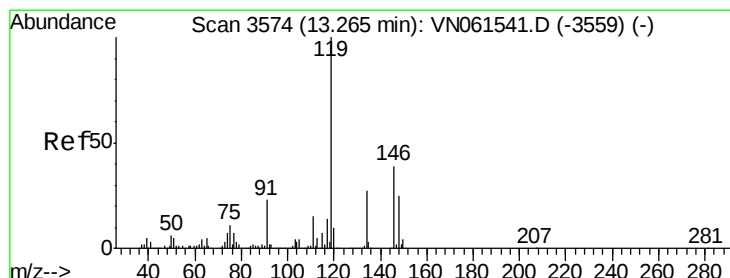
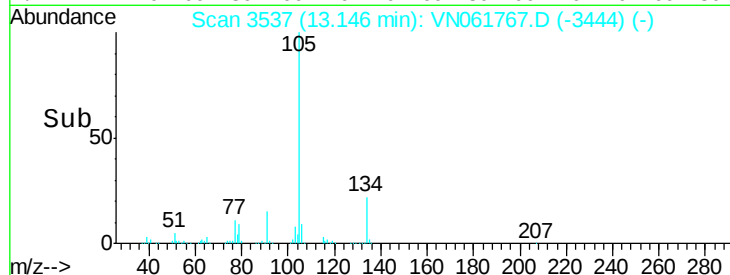
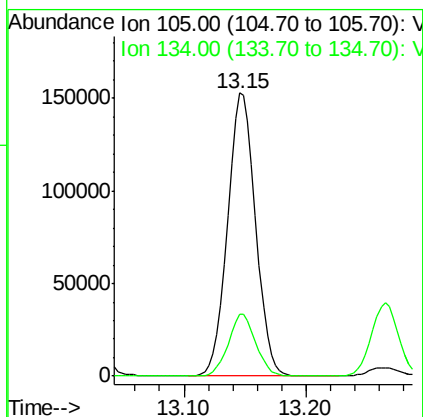
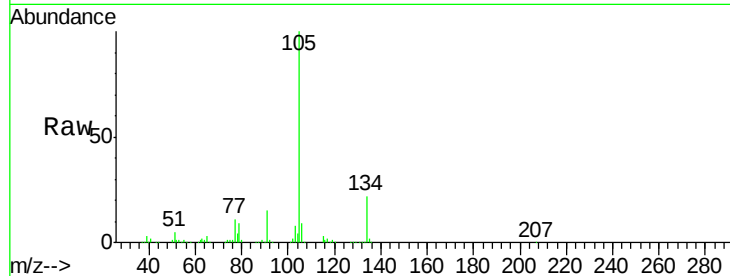




#85
 sec-Butylbenzene
 Concen: 16.47 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

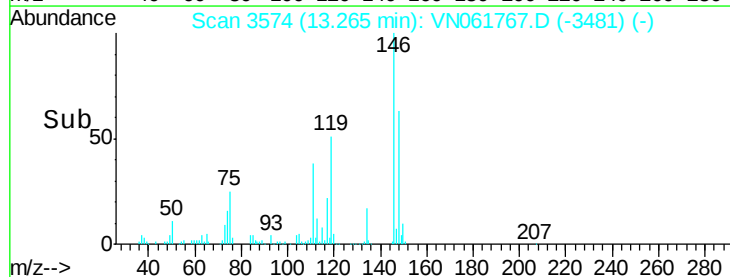
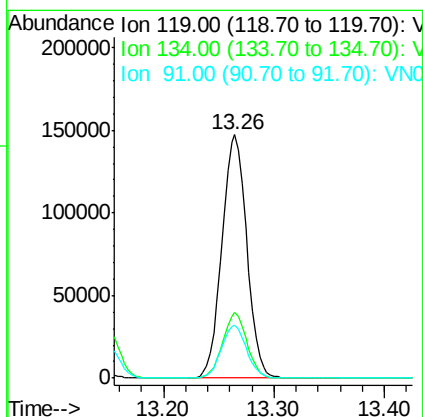
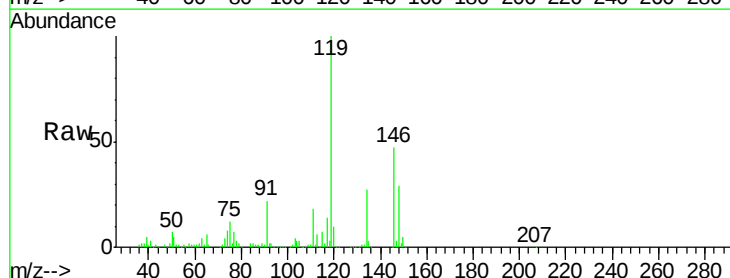
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

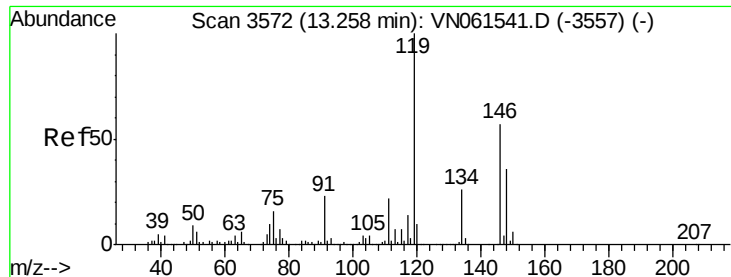
Tgt Ion:105 Resp: 244784
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 16.84 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion:119 Resp: 230413
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.5
 91 21.8 11.4 34.1

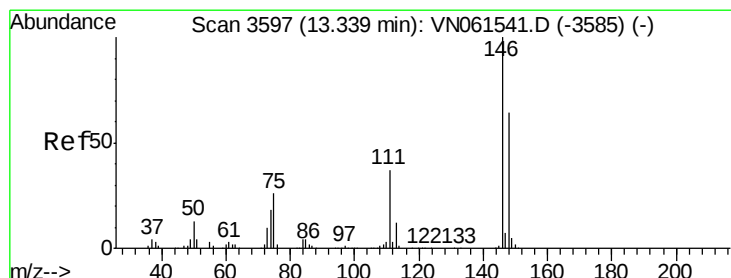
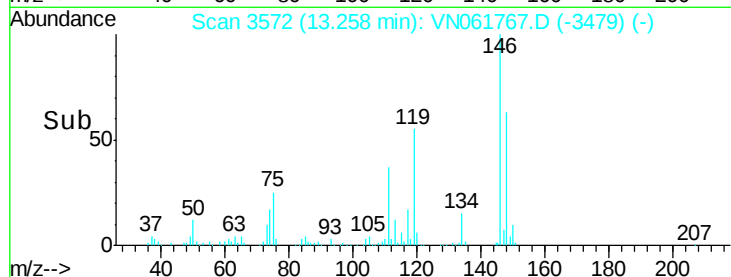
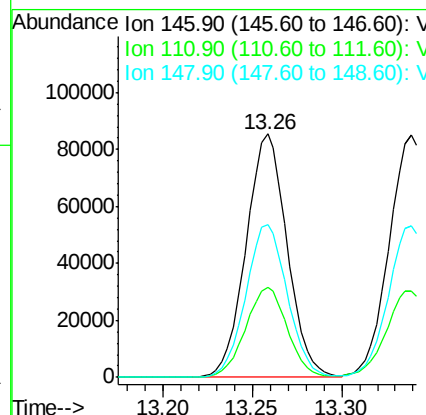
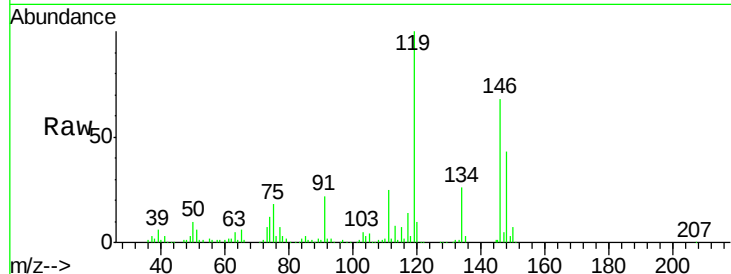




#87
 1,3-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

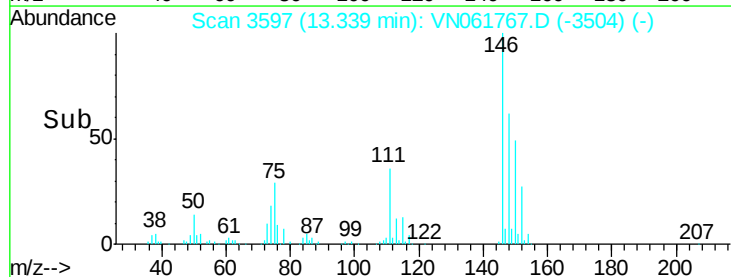
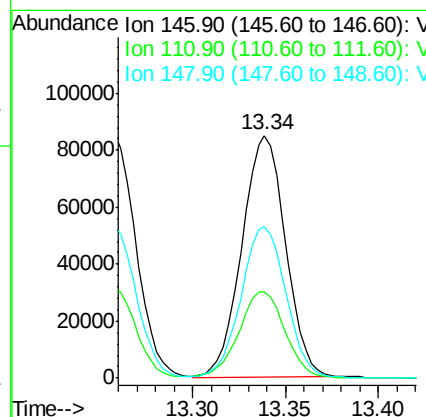
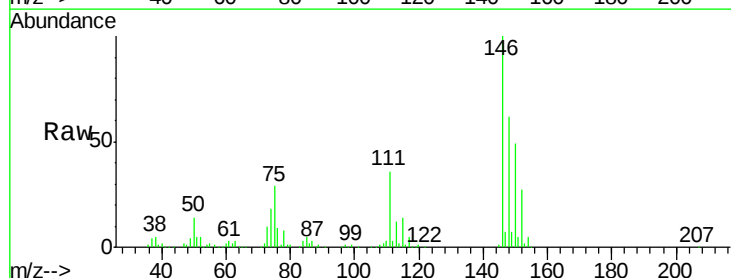
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

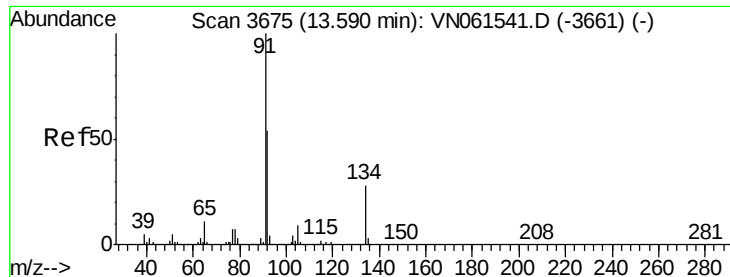
Tgt Ion:146 Resp: 137608
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.2 57.6
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.24 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion:146 Resp: 138354
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 65.0 31.8 95.3





#89

n-Butylbenzene

Concen: 15.68 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

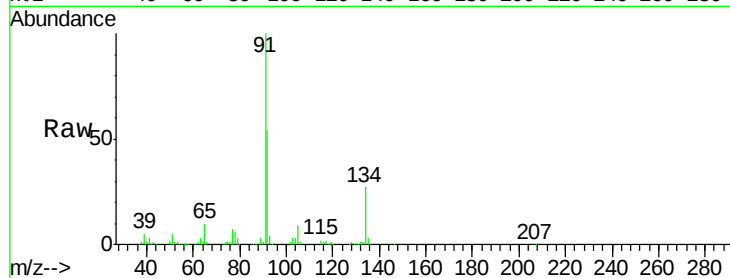
Tgt Ion: 91 Resp: 179691

Ion Ratio Lower Upper

91 100

92 52.6 27.2 81.6

134 26.8 14.0 42.0

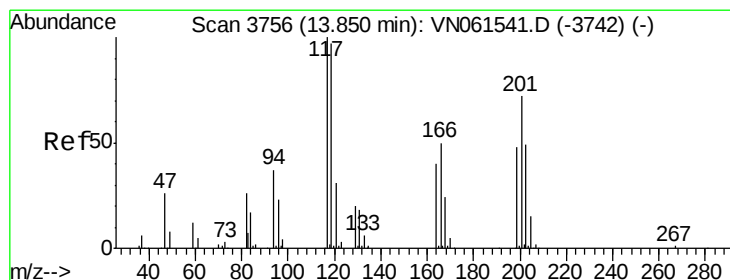
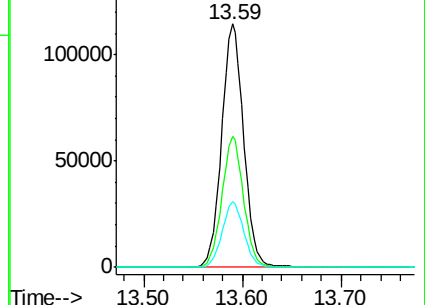
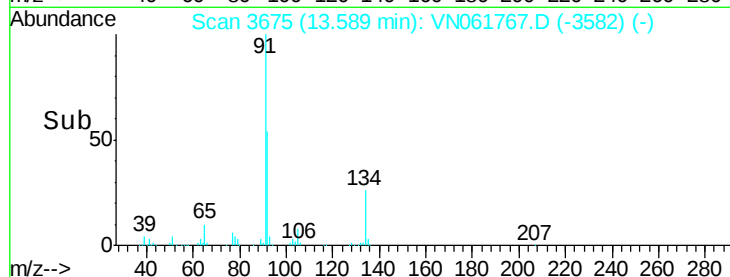


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 22.67 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061767.D

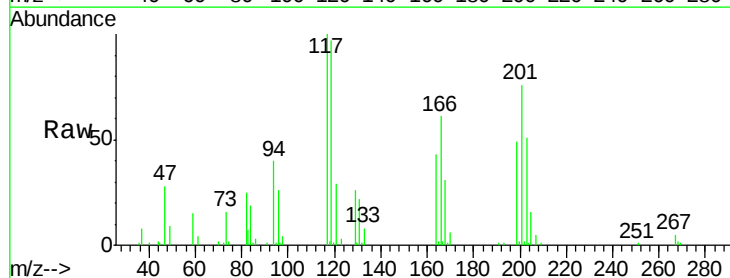
Acq: 12 Jun 2020 3:19

Tgt Ion: 117 Resp: 34310

Ion Ratio Lower Upper

117 100

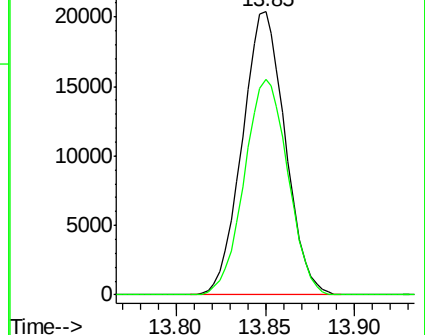
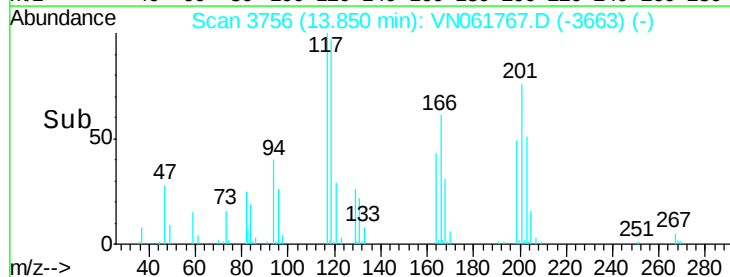
201 77.1 36.7 110.1

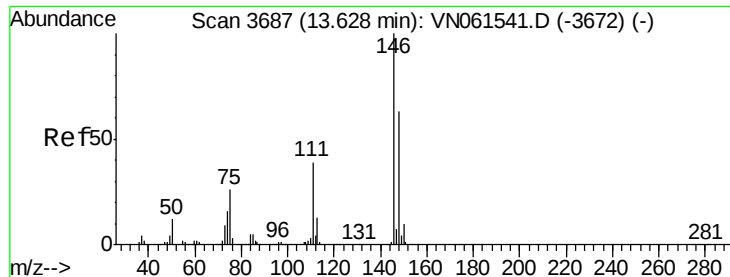


Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.42 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampled :

VN0611WBS02

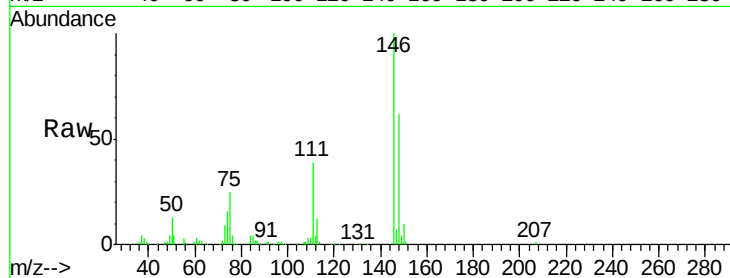
Tgt Ion:146 Resp: 137724

Ion Ratio Lower Upper

146 100

111 39.3 20.1 60.2

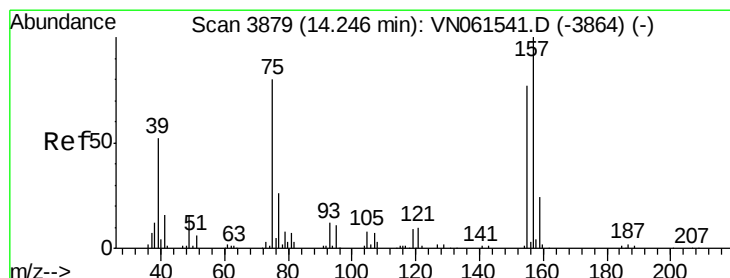
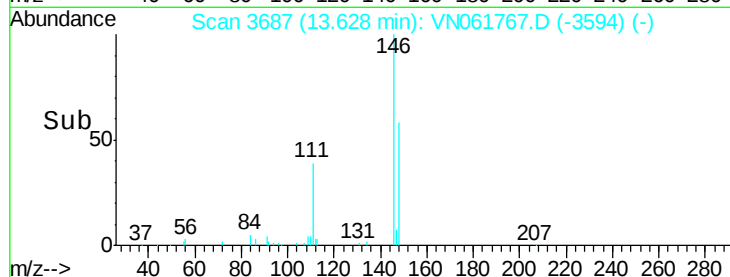
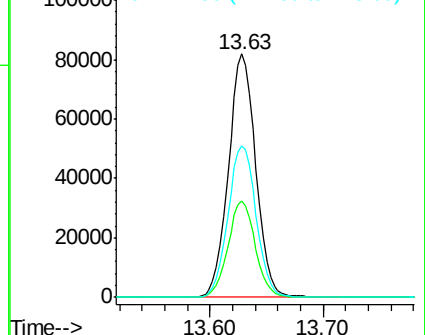
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.95 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

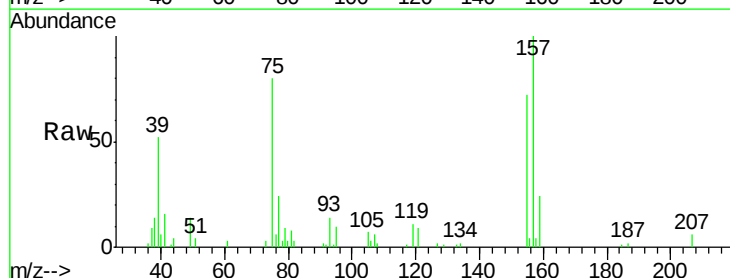
Tgt Ion: 75 Resp: 15129

Ion Ratio Lower Upper

75 100

155 92.7 47.1 141.4

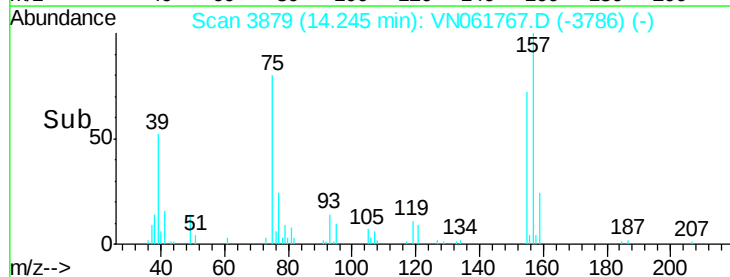
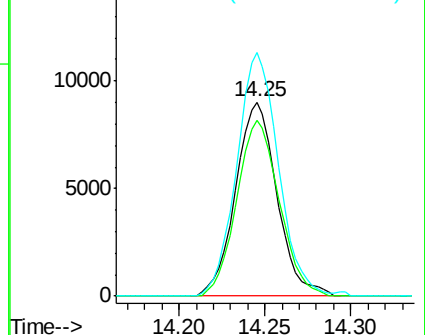
157 126.9 60.3 180.8

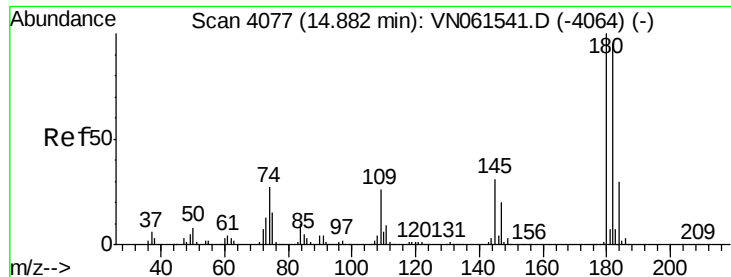


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

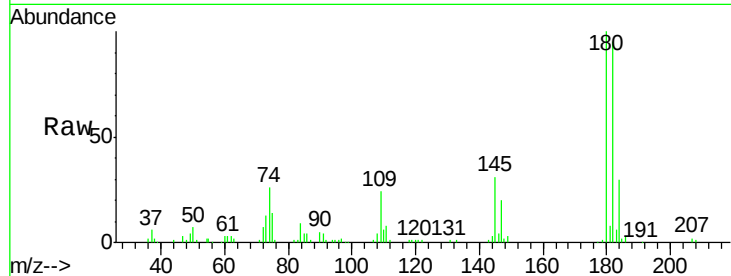




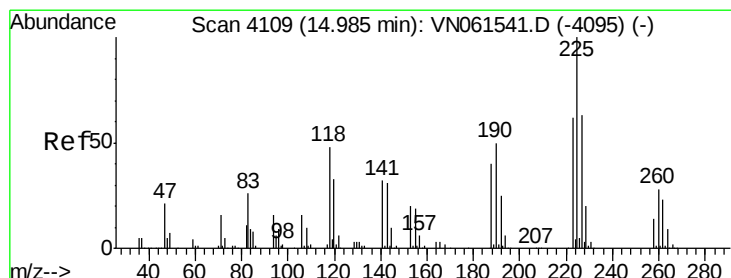
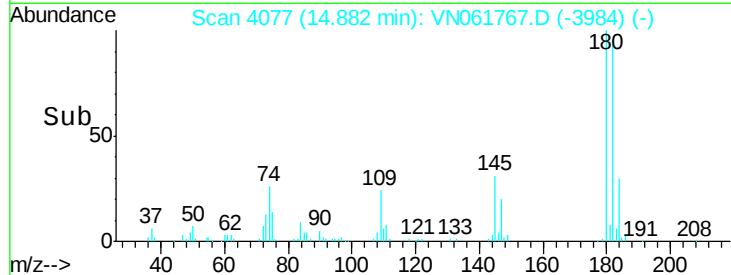
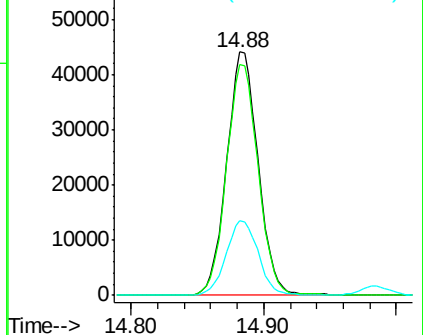
#93
 1,2,4-Trichlorobenzene
 Concen: 18.42 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tgt Ion:180 Resp: 72674
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.8 143.3
 145 31.1 15.5 46.5

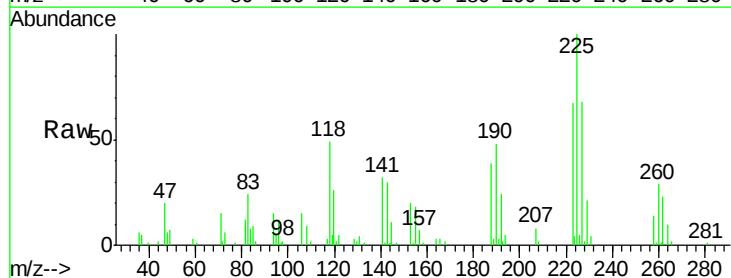


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

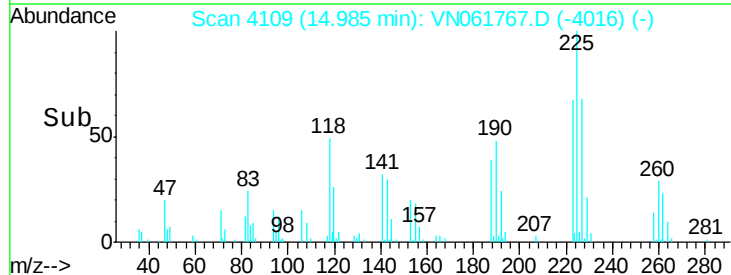
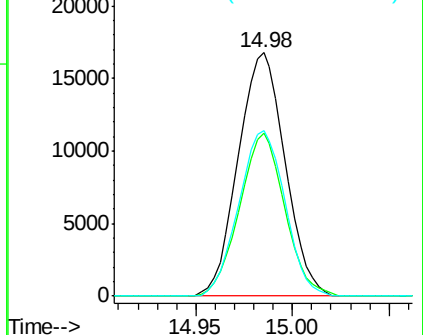


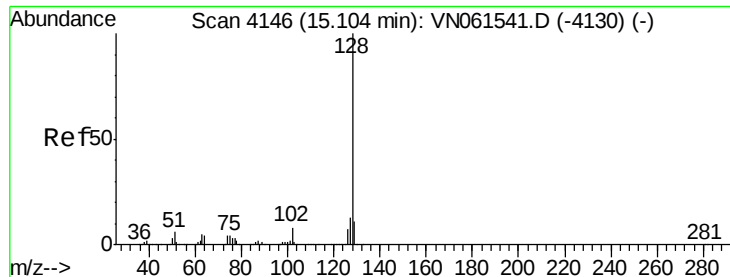
#94
 Hexachlorobutadiene
 Concen: 16.85 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion:225 Resp: 28344
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.9 95.5
 227 66.9 31.9 95.9



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

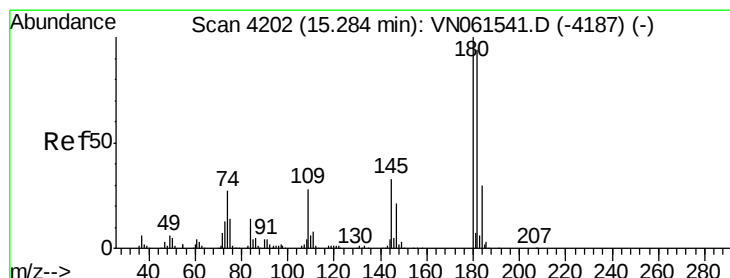
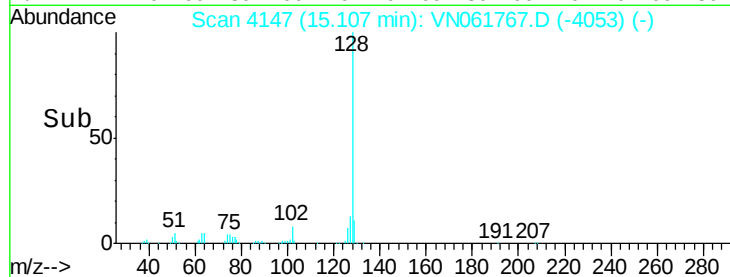
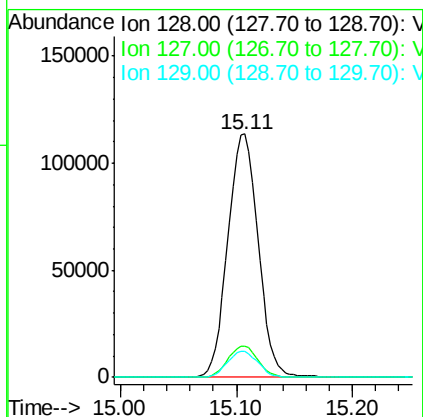
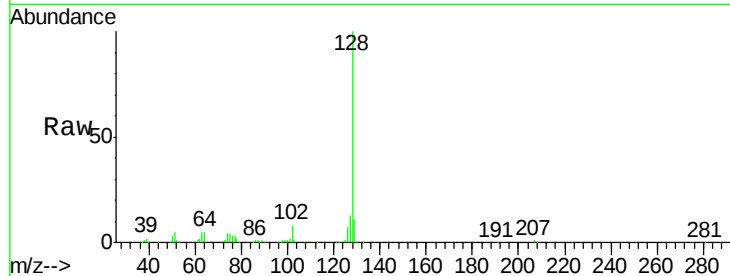




#95
Naphthalene
Concen: 17.16 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tgt Ion:128 Resp: 205969
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.29 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion:180 Resp: 74829
Ion Ratio Lower Upper
180 100
182 93.5 47.1 141.3
145 31.9 16.3 48.9

