

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061539.D
 Acq On : 28 May 2020 18:09
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 29 01:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	386176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	653780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	605850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	271941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	23604	4.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.46%	
35) Dibromofluoromethane	7.55	113	18593	5.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.80%	
50) Toluene-d8	10.06	98	69564	4.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.74%	
62) 4-Bromofluorobenzene	12.38	95	26401	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	17287	5.101	ug/l	98
3) Chloromethane	2.03	50	24157	4.649	ug/l	98
4) Vinyl Chloride	2.16	62	33139	4.520	ug/l	95
5) Bromomethane	2.53	94	19724	4.847	ug/l	98
6) Chloroethane	2.67	64	22625	4.609	ug/l	97
7) Trichlorofluoromethane	2.98	101	46508	5.171	ug/l	96
8) Diethyl Ether	3.37	74	14859	5.662	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	20694	5.525	ug/l	98
10) Methyl Iodide	3.91	142	26577	5.615	ug/l	97
11) Tert butyl alcohol	4.73	59	17230	26.667	ug/l	98
12) 1,1-Dichloroethene	3.69	96	22215	5.625	ug/l	94
13) Acrolein	3.56	56	12282	26.681	ug/l	97
14) Allyl chloride	4.28	41	29822	4.835	ug/l	98
15) Acrylonitrile	4.93	53	45573	23.770	ug/l	98
16) Acetone	3.78	43	44942	26.262	ug/l	97
17) Carbon Disulfide	4.01	76	47723	4.923	ug/l	98
18) Methyl Acetate	4.28	43	21773	4.940	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	75435	5.133	ug/l	98
20) Methylene Chloride	4.50	84	31342	6.710	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	24639	5.472	ug/l	97
22) Diisopropyl ether	5.90	45	63124	4.540	ug/l	95
23) Vinyl Acetate	5.84	43	252630	22.853	ug/l	99
24) 1,1-Dichloroethane	5.80	63	40807	4.986	ug/l	98
25) 2-Butanone	6.78	43	62233	24.510	ug/l	97
26) 2,2-Dichloropropane	6.78	77	39050	5.034	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	28614	5.387	ug/l	97
28) Bromochloromethane	7.15	49	17533	5.180	ug/l	98
29) Tetrahydrofuran	7.17	42	39075	23.238	ug/l	99
30) Chloroform	7.33	83	43858	5.103	ug/l	97
31) Cyclohexane	7.61	56	39770	5.112	ug/l #	83
32) 1,1,1-Trichloroethane	7.53	97	40206	5.113	ug/l	98
36) 1,1-Dichloropropene	7.75	75	30908	5.131	ug/l	99
37) Ethyl Acetate	6.88	43	25828	4.738	ug/l #	93
38) Carbon Tetrachloride	7.73	117	29275	5.253	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061539.D
 Acq On : 28 May 2020 18:09
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 29 01:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	36803	4.991	ug/l	95
40) Benzene	8.00	78	96813	5.324	ug/l	100
41) Methacrylonitrile	7.12	41	11025	4.919	ug/l #	93
42) 1,2-Dichloroethane	8.09	62	32648	5.036	ug/l	89
43) Isopropyl Acetate	8.13	43	46108	4.887	ug/l #	91
44) Trichloroethene	8.80	130	28229	5.739	ug/l	95
45) 1,2-Dichloropropane	9.08	63	24028	5.318	ug/l	100
46) Dibromomethane	9.18	93	16772	5.220	ug/l	98
47) Bromodichloromethane	9.37	83	35587	5.313	ug/l	99
48) Methyl methacrylate	9.17	41	19741	4.557	ug/l	95
49) 1,4-Dioxane	9.17	88	6156	113.479	ug/l #	94
51) 4-Methyl-2-Pentanone	9.95	43	129053	25.068	ug/l	98
52) Toluene	10.12	92	61338	5.236	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	36269	4.963	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	40786	5.222	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	25602	5.759	ug/l	98
56) Ethyl methacrylate	10.40	69	33400	4.865	ug/l	94
57) 1,3-Dichloropropane	10.68	76	39894	5.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	76120	25.279	ug/l	98
59) 2-Hexanone	10.72	43	91127	24.480	ug/l	98
60) Dibromochloromethane	10.87	129	27270	5.502	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25967	5.541	ug/l	99
64) Tetrachloroethene	10.60	164	29171	6.034	ug/l	97
65) Chlorobenzene	11.41	112	68126	5.530	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.49	131	24885	5.599	ug/l	97
67) Ethyl Benzene	11.48	91	119138	5.363	ug/l	97
68) m/p-Xylenes	11.60	106	93762	11.043	ug/l	96
69) o-Xylene	11.92	106	43768	5.326	ug/l	96
70) Styrene	11.94	104	68825	5.067	ug/l	97
71) Bromoform	12.10	173	18746	5.898	ug/l #	99
73) Isopropylbenzene	12.22	105	115448	5.402	ug/l	100
74) N-amyl acetate	12.05	43	36146	4.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	32755	5.567	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	43295	7.648	ug/l #	100
77) Bromobenzene	12.50	156	27772	5.830	ug/l	91
78) n-propylbenzene	12.57	91	125750	5.195	ug/l	100
79) 2-Chlorotoluene	12.65	91	74928	5.218	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	94720	5.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	10511	4.886	ug/l	88
82) 4-Chlorotoluene	12.75	91	77961	5.245	ug/l	98
83) tert-Butylbenzene	12.97	119	82967	5.515	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	94194	5.376	ug/l	99
85) sec-Butylbenzene	13.15	105	108669	5.378	ug/l	97
86) p-Isopropyltoluene	13.27	119	98885	5.478	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	50133	5.797	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	49490	5.716	ug/l	92
89) n-Butylbenzene	13.59	91	80777	4.991	ug/l	97
90) Hexachloroethane	13.85	117	11386	4.838	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	48263	5.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	6516	5.481	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
Data File : VN061539.D
Acq On : 28 May 2020 18:09
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 29 01:45:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 01:43:07 2020
Response via : Initial Calibration

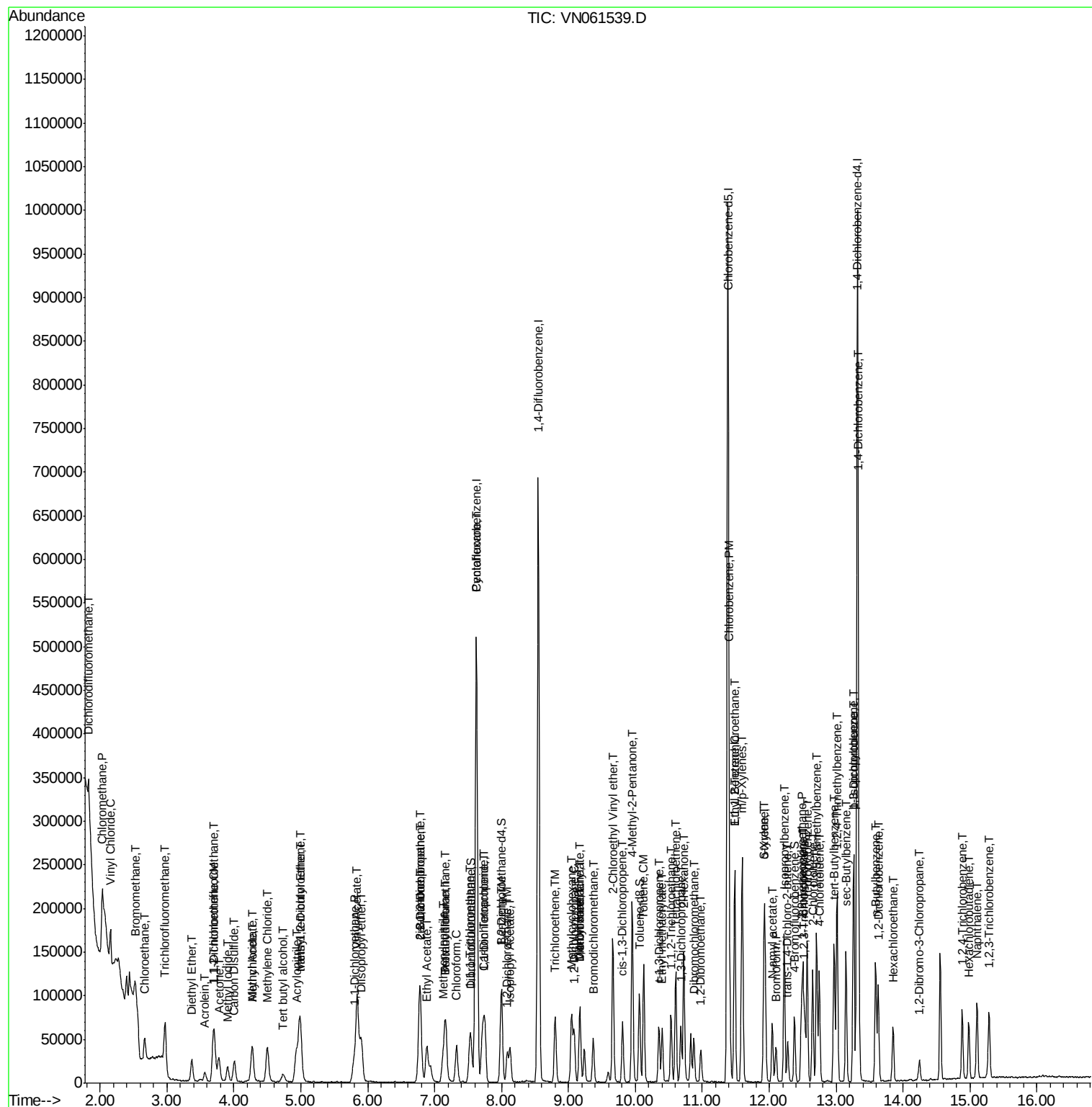
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	24281	5.347	ug/l	98
94) Hexachlorobutadiene	14.99	225	12000	6.006	ug/l	98
95) Naphthalene	15.10	128	75240	5.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	24173	5.330	ug/l	96

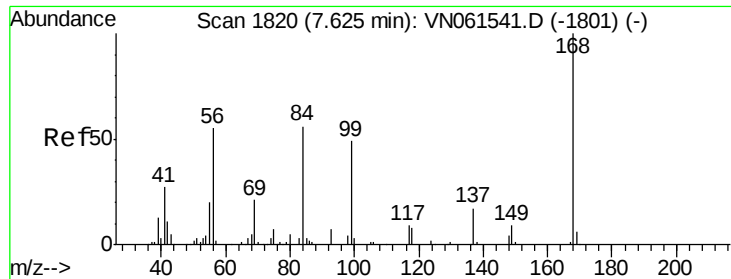
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
Data File : VN061539.D
Acq On : 28 May 2020 18:09
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: May 29 01:45:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 01:43:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

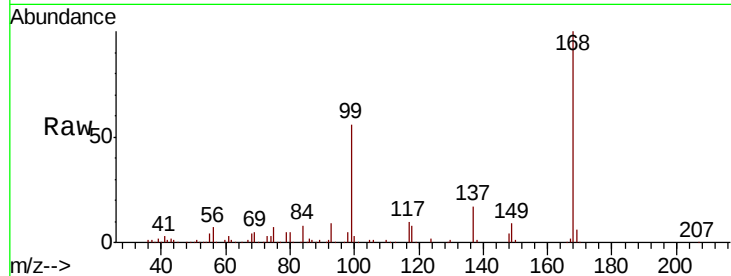
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 386176

Ion Ratio Lower Upper

168 100

99 55.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

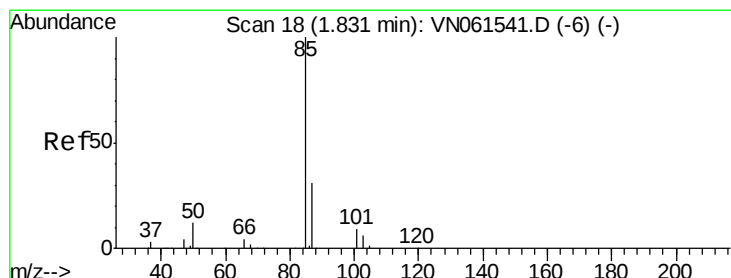
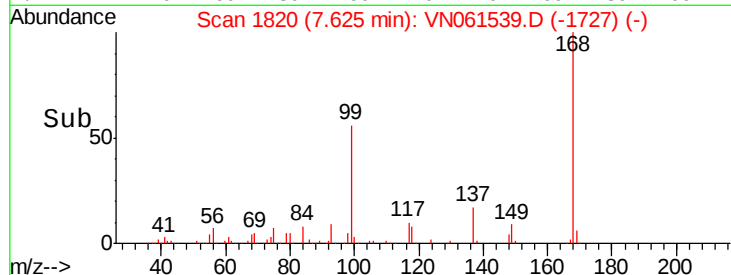
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 5.101 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061539.D

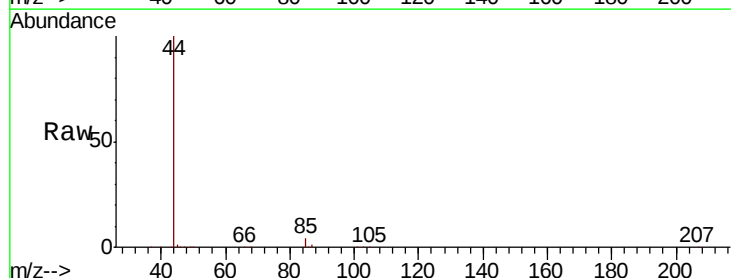
Acq: 28 May 2020 18:09

Tgt Ion: 85 Resp: 17287

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

15000

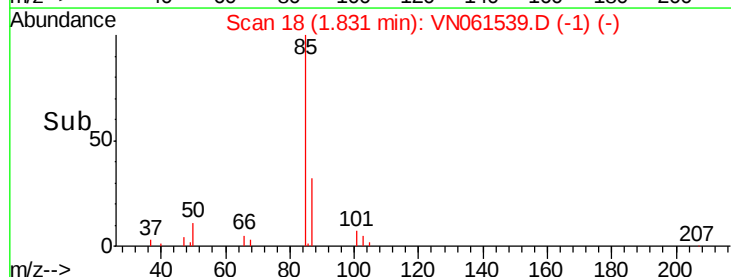
10000

5000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 4.649 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

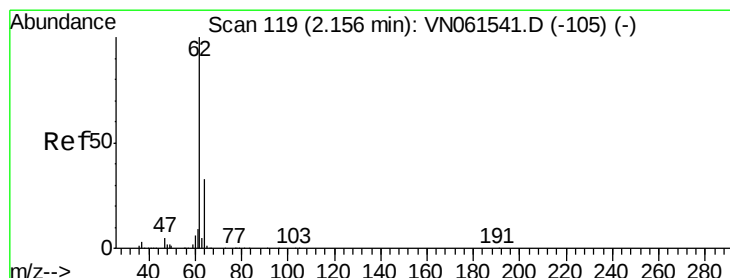
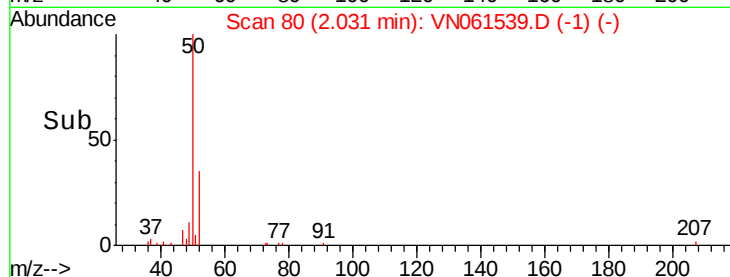
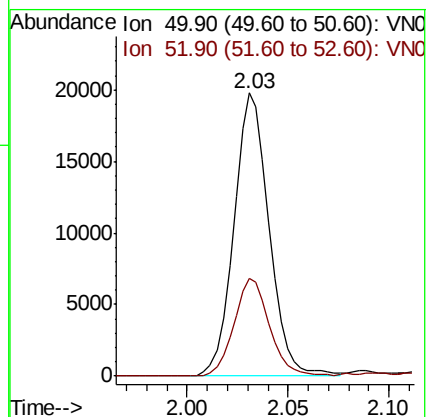
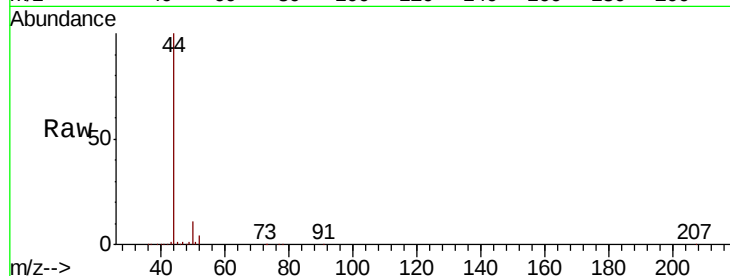
ClientSampleId :

Tot Ion: 50 Resp: 24157

Ion Ratio Lower Upper

50 100

52 34.6 26.7 40.1



#4

Vinyl Chloride

Concen: 4.520 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061539.D

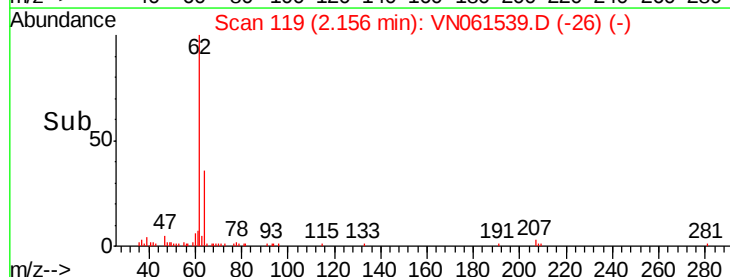
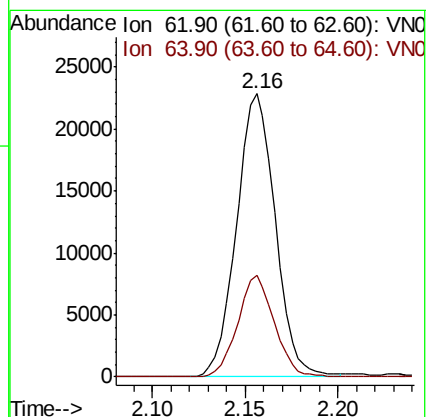
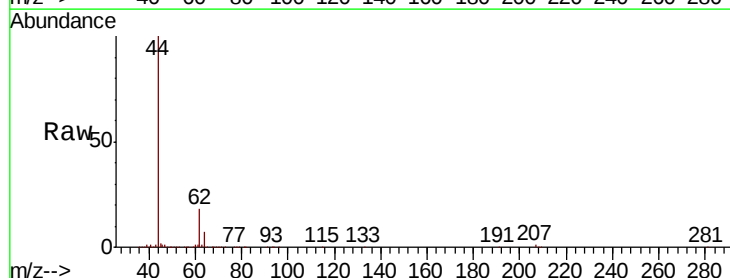
Acq: 28 May 2020 18:09

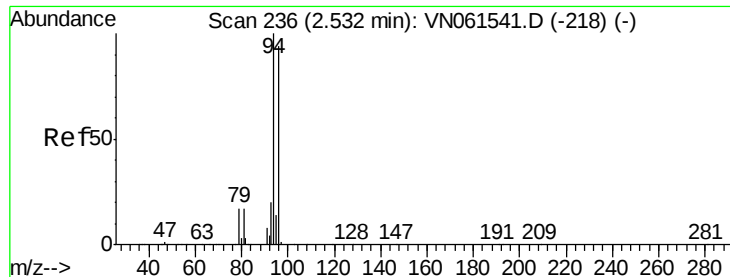
Tgt Ion: 62 Resp: 33139

Ion Ratio Lower Upper

62 100

64 35.7 26.2 39.2





#5

Bromomethane

Concen: 4.847 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

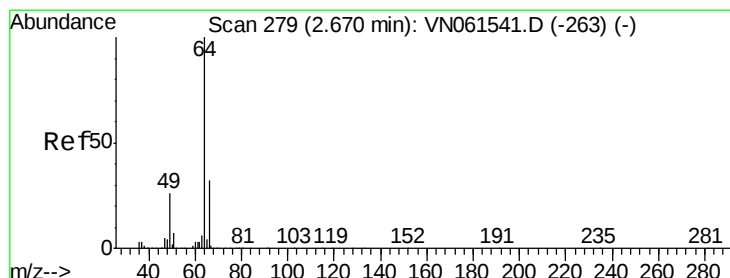
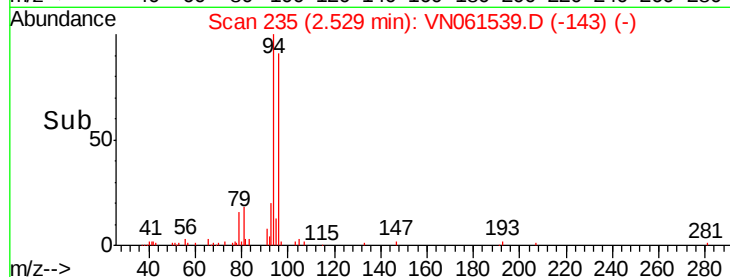
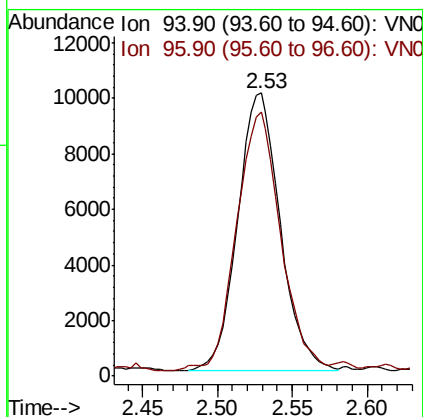
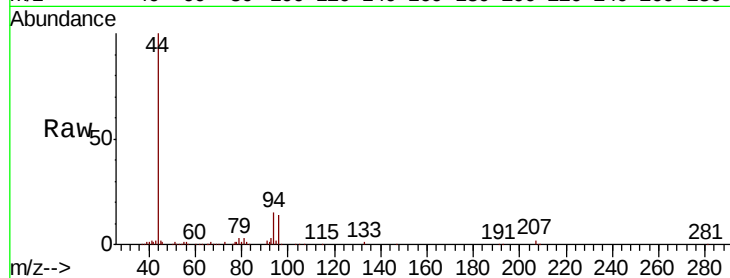
ClientSampled :

Tot Ion: 94 Resp: 19724

Ion Ratio Lower Upper

94 100

96 91.3 74.8 112.2



#6

Chloroethane

Concen: 4.609 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061539.D

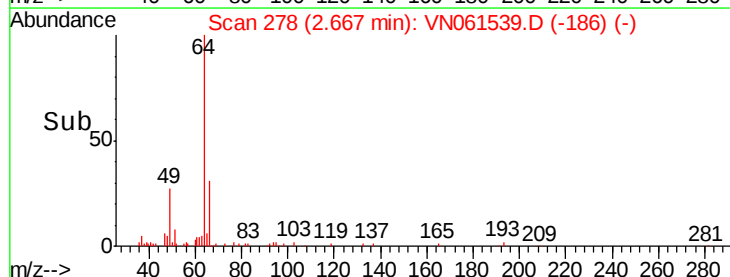
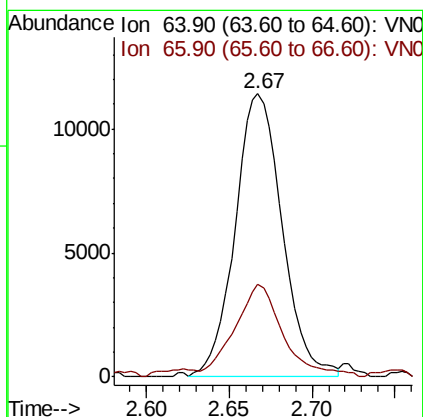
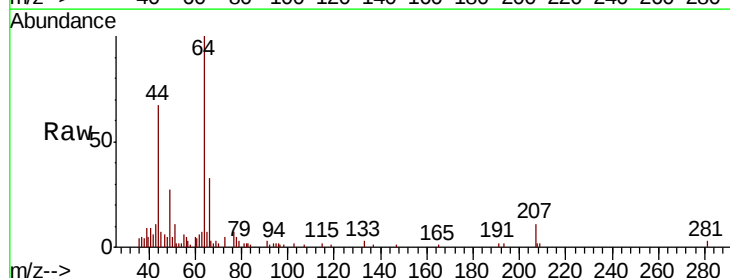
Acq: 28 May 2020 18:09

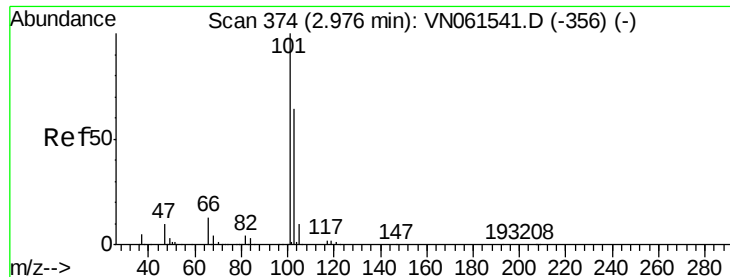
Tgt Ion: 64 Resp: 22625

Ion Ratio Lower Upper

64 100

66 30.5 25.6 38.4



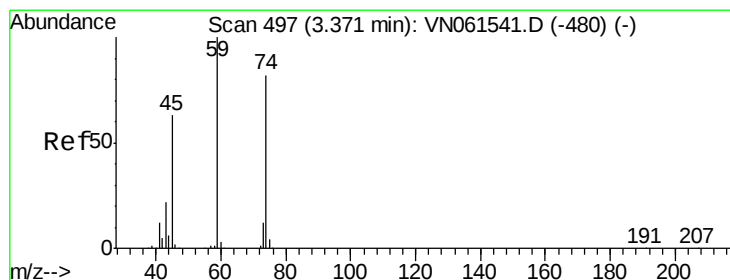
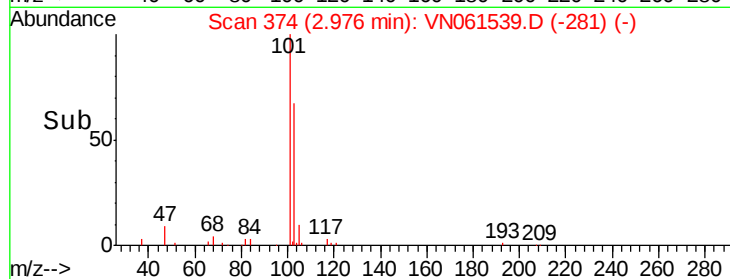
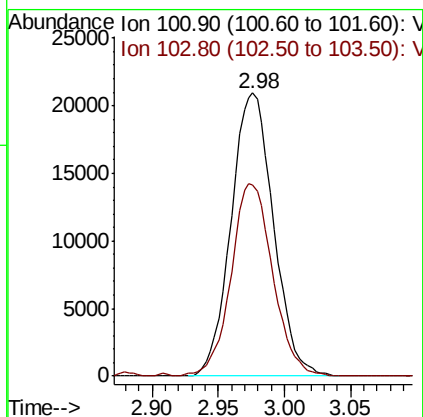
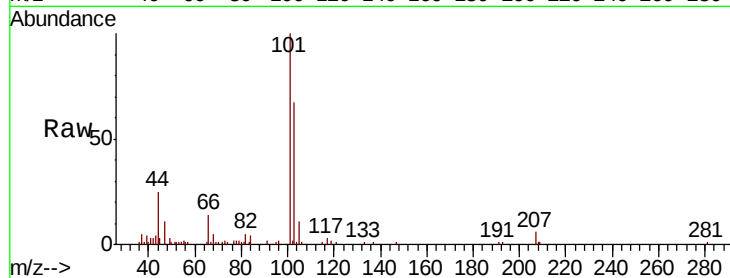


#7

Trichlorofluoromethane
 Concen: 5.171 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Instrument :
 MSVOA_N
 ClientSampleId :

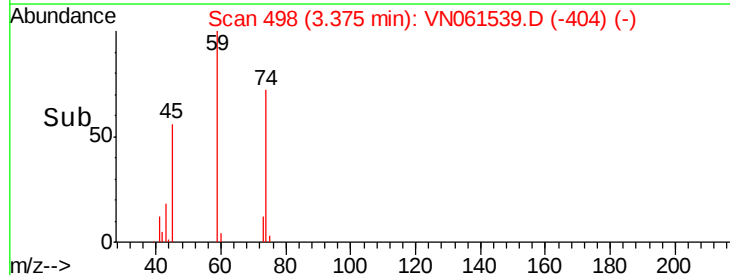
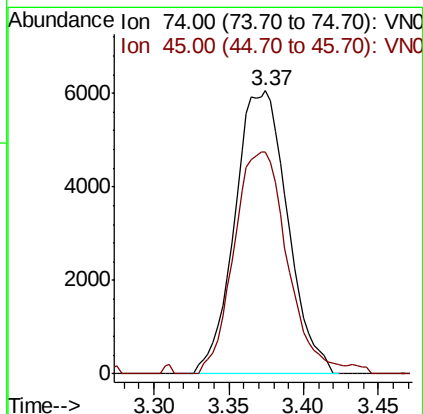
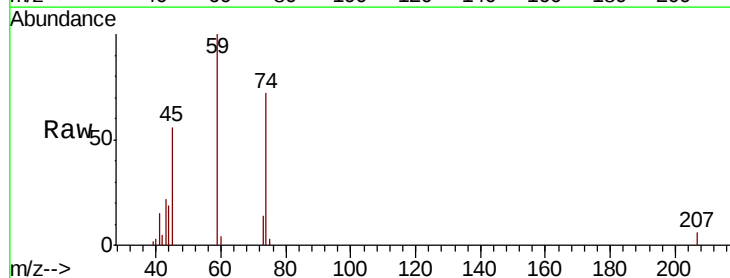
Tot Ion:101 Resp: 46508
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.4 77.2



#8

Diethyl Ether
 Concen: 5.662 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 74 Resp: 14859
 Ion Ratio Lower Upper
 74 100
 45 79.3 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.525 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampled :

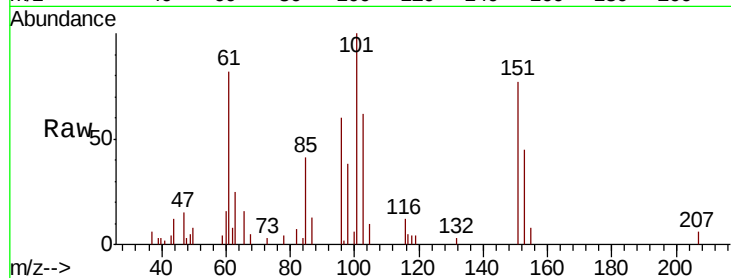
Tot Ion:101 Resp: 20694

Ion Ratio Lower Upper

101 100

85 43.1 35.2 52.8

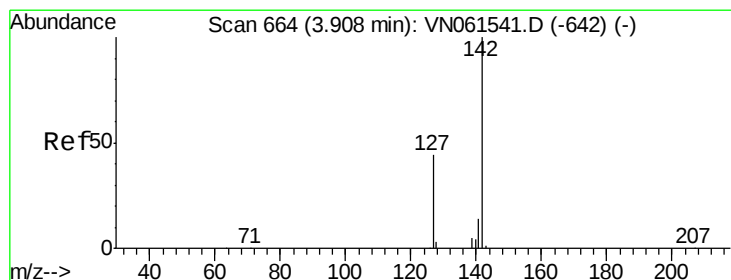
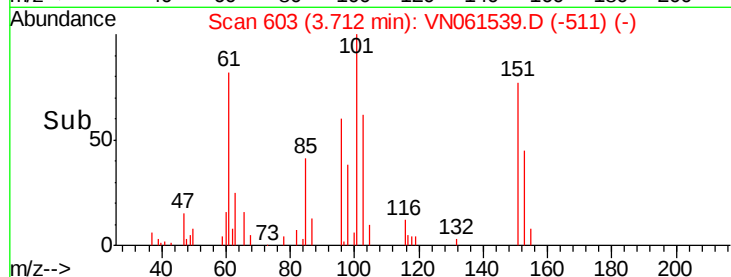
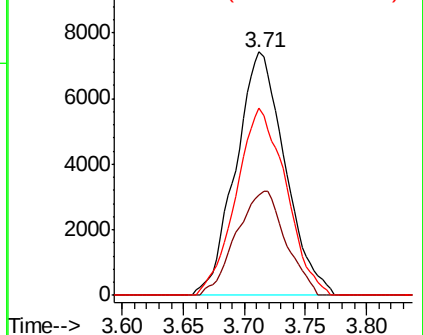
151 78.1 61.0 91.6



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: 5.615 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

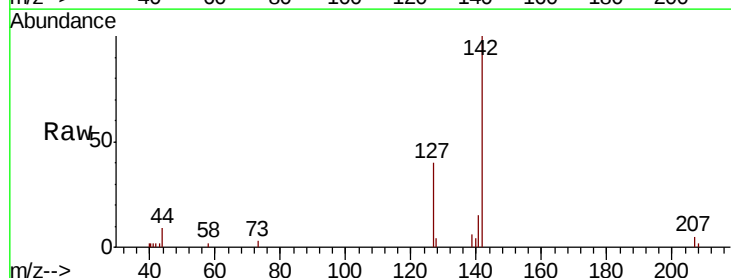
Tgt Ion:142 Resp: 26577

Ion Ratio Lower Upper

142 100

127 42.2 35.5 53.3

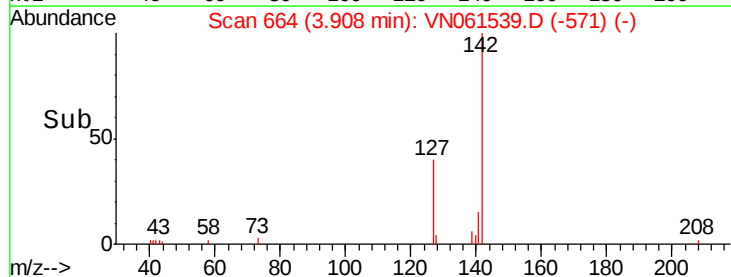
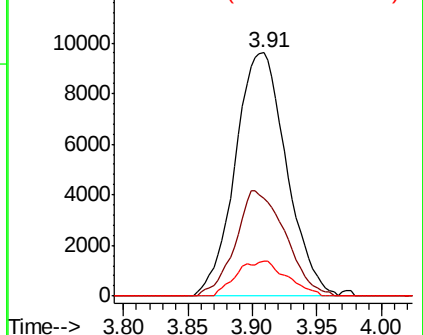
141 14.1 11.5 17.3

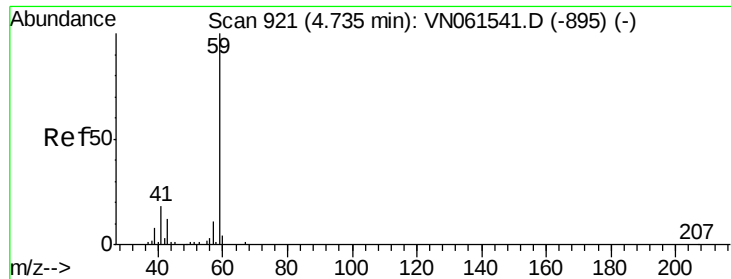


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

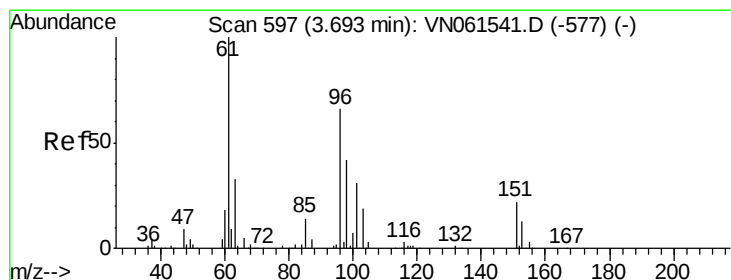
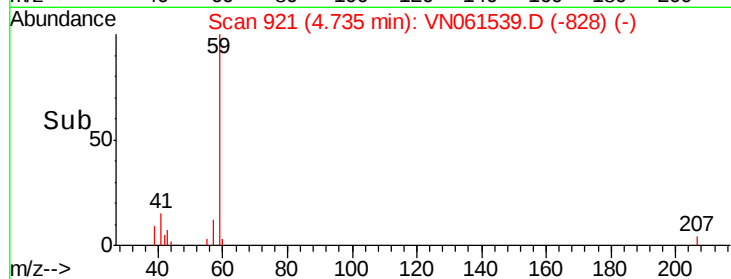
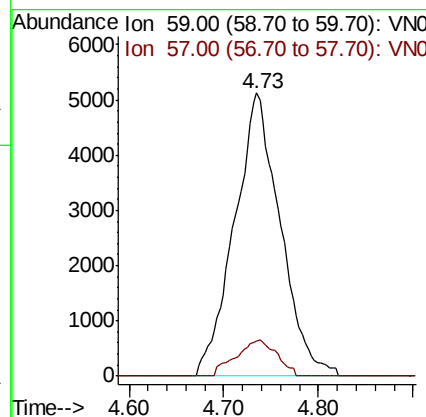
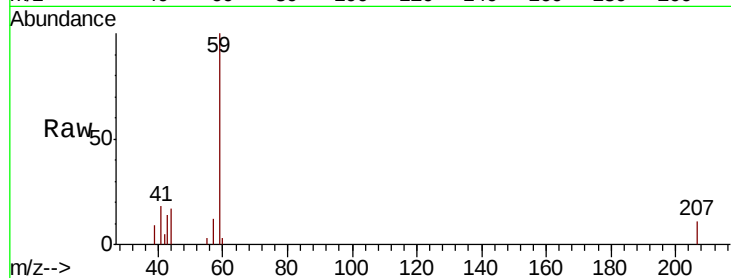




#11
Tert butyl alcohol
Concen: 26.667 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

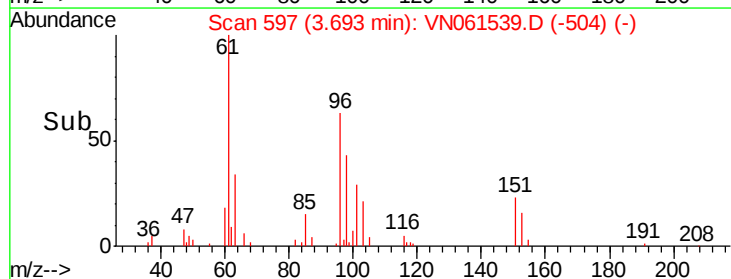
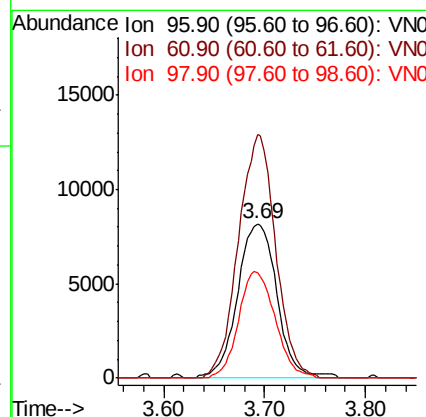
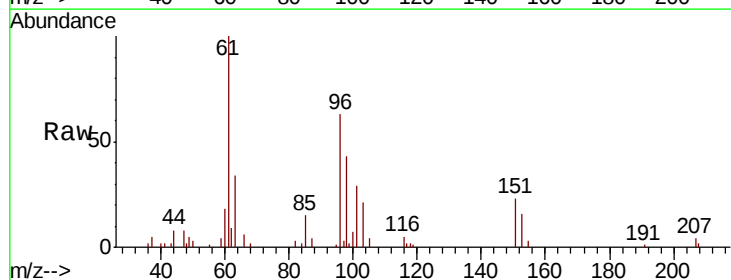
Instrument :
MSVOA_N
ClientSampleId :

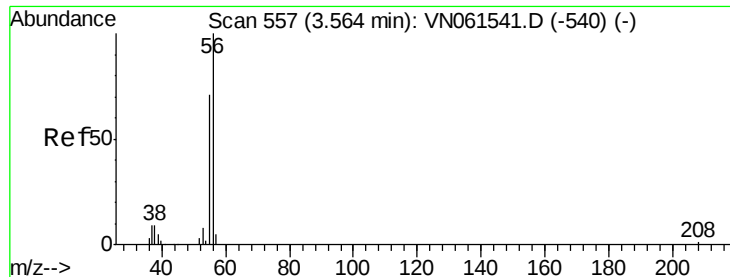
Tot Ion: 59 Resp: 17230
Ion Ratio Lower Upper
59 100
57 11.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 5.625 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 96 Resp: 22215
Ion Ratio Lower Upper
96 100
61 157.9 120.5 180.7
98 68.3 50.8 76.2





#13

Acrolein

Concen: 26.681 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

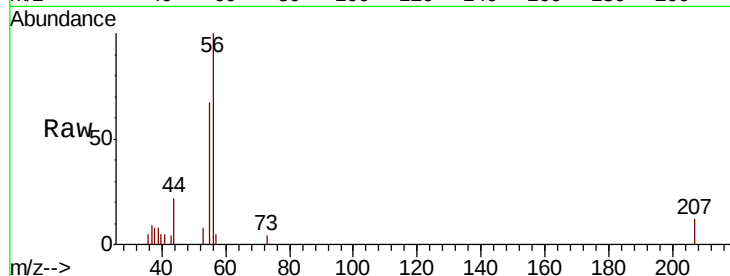
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12282

Ion Ratio Lower Upper

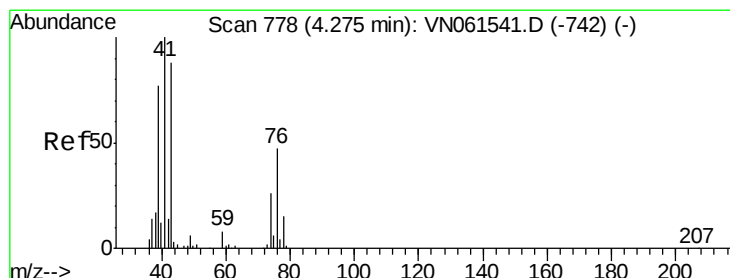
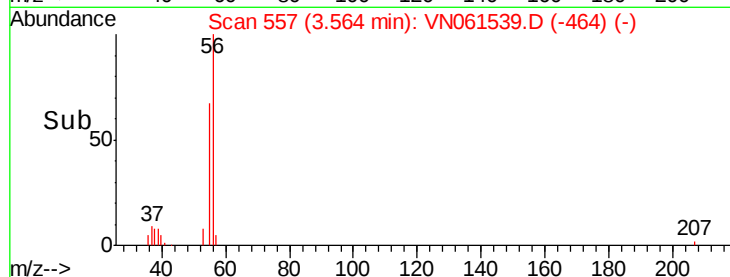
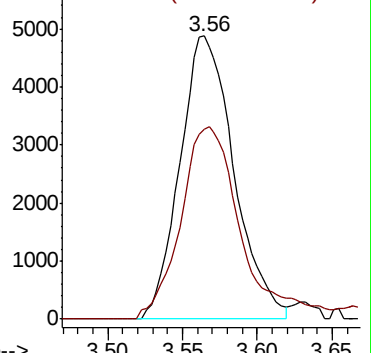
56 100

55 75.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061539.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061539.D (-540) (-)



#14

Allyl chloride

Concen: 4.835 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

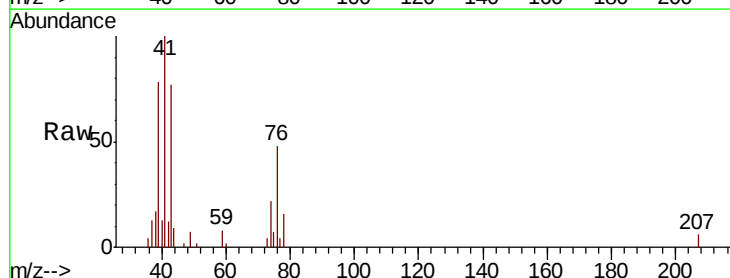
Tgt Ion: 41 Resp: 29822

Ion Ratio Lower Upper

41 100

39 75.2 58.6 88.0

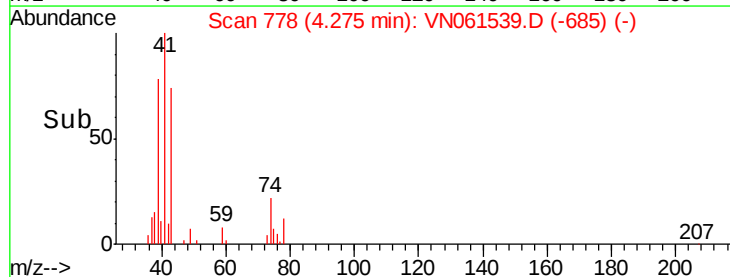
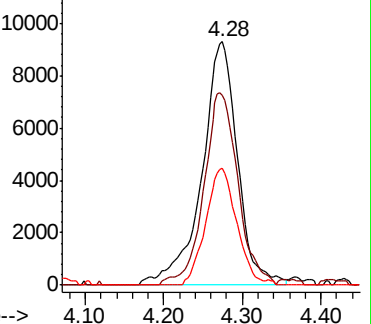
76 41.5 34.2 51.4

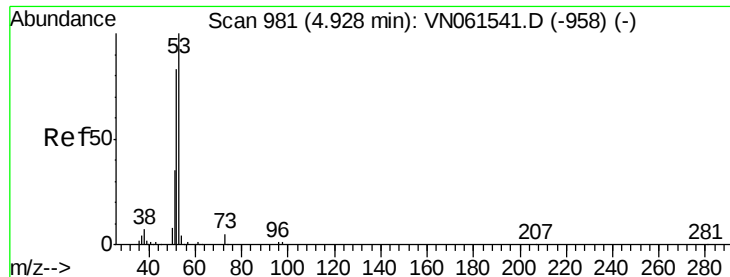


Abundance Ion 41.00 (40.70 to 41.70): VN061539.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061539.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061539.D (-685) (-)





#15

Acrylonitrile

Concen: 23.770 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampled :

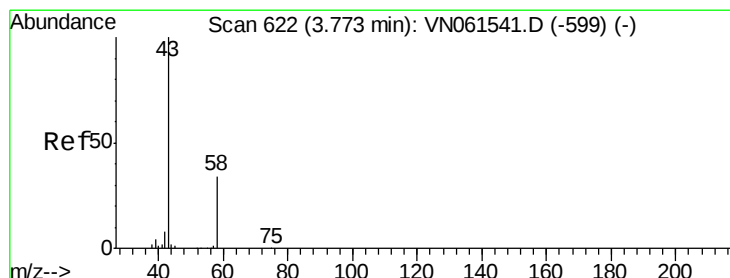
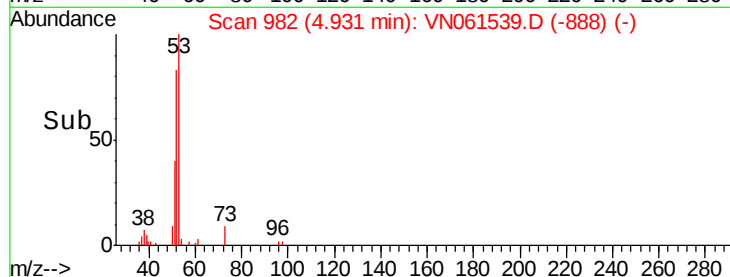
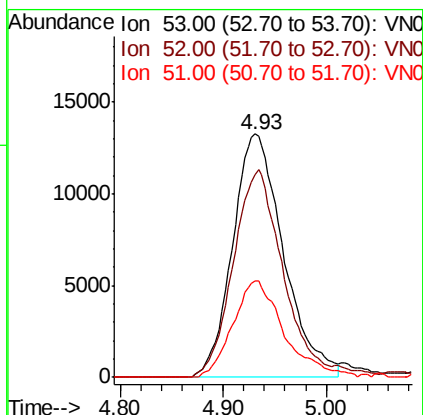
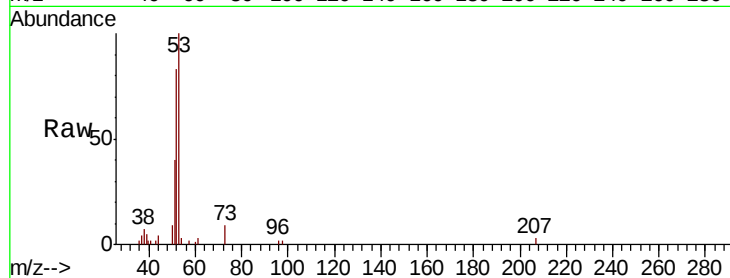
Tot Ion: 53 Resp: 45573

Ion Ratio Lower Upper

53 100

52 82.4 65.4 98.2

51 40.0 29.0 43.6



#16

Acetone

Concen: 26.262 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061539.D

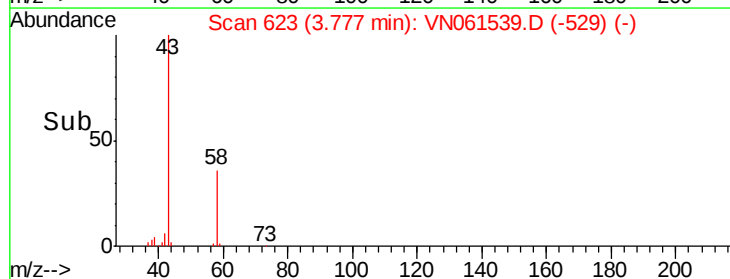
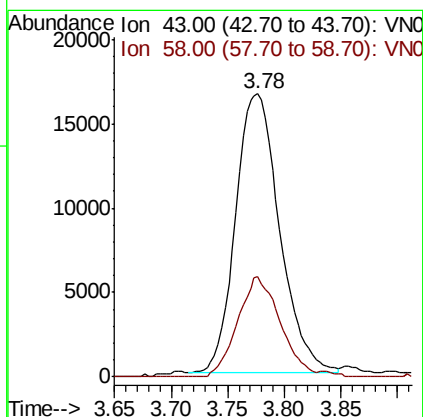
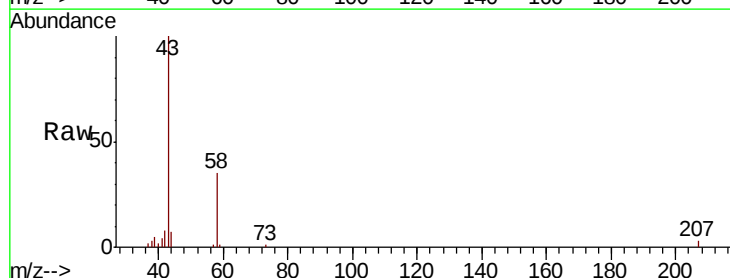
Acq: 28 May 2020 18:09

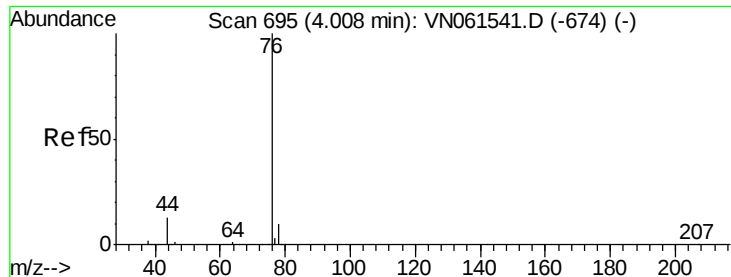
Tgt Ion: 43 Resp: 44942

Ion Ratio Lower Upper

43 100

58 35.7 27.2 40.8

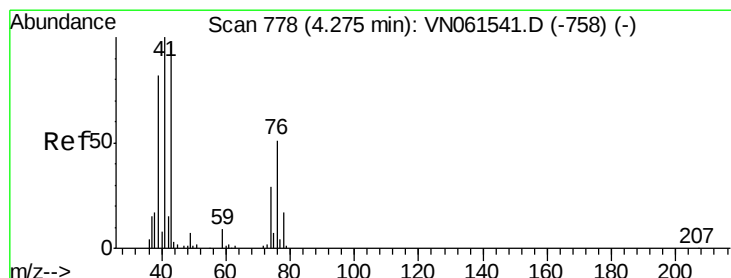
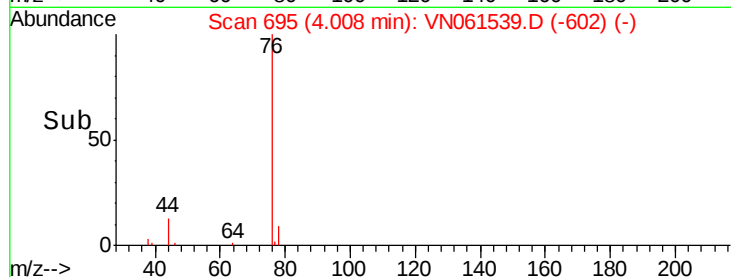
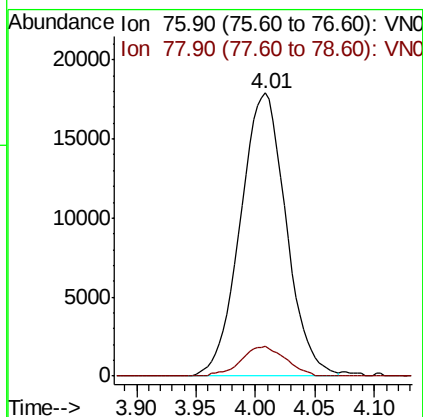
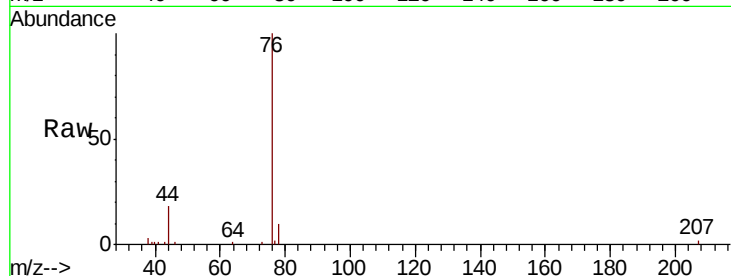




#17
Carbon Disulfide
Concen: 4.923 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

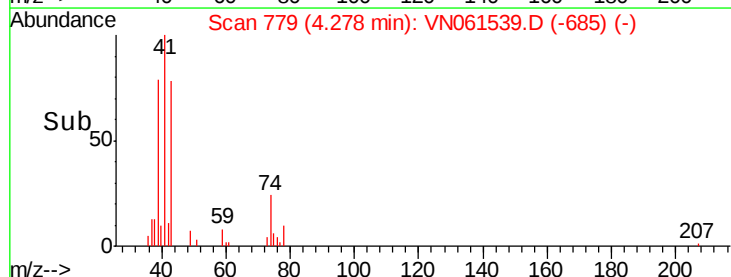
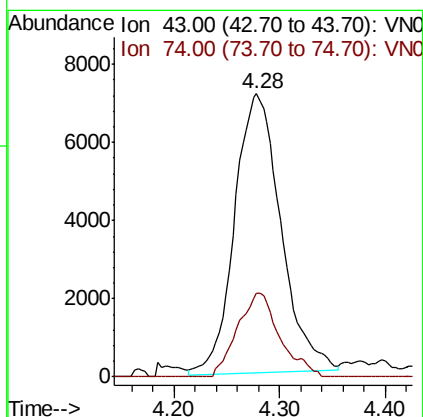
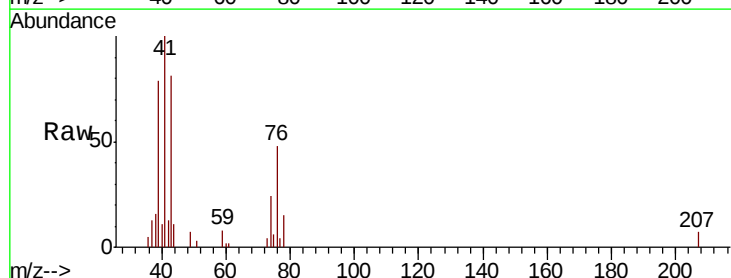
Instrument :
MSVOA_N
ClientSampled :

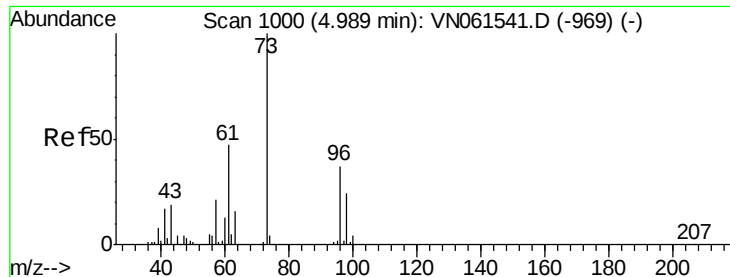
Tot Ion: 76 Resp: 47723
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.6



#18
Methyl Acetate
Concen: 4.940 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 43 Resp: 21773
Ion Ratio Lower Upper
43 100
74 27.5 23.2 34.8

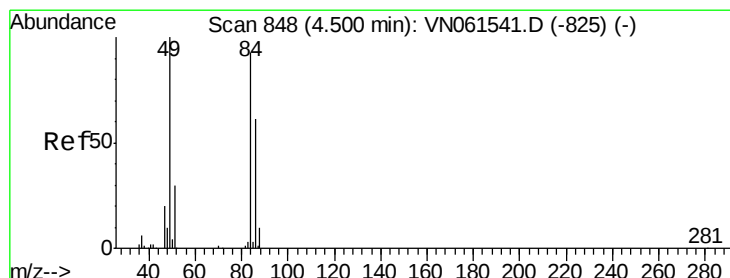
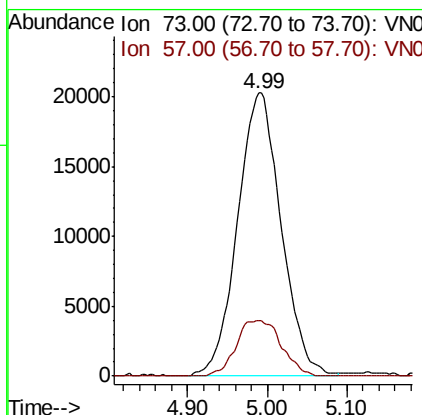
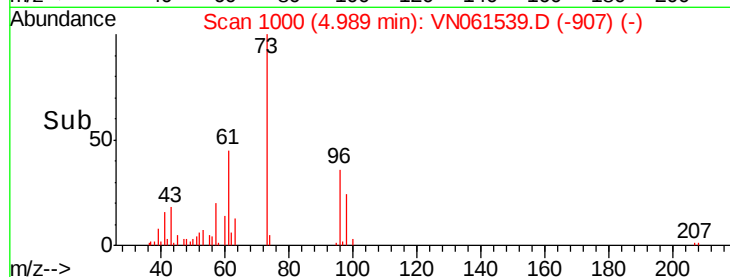
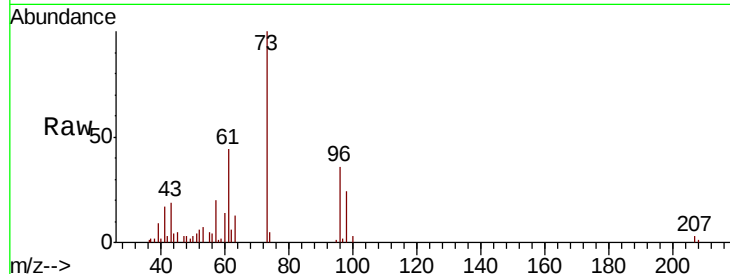




#19
Methvl tert-butvl Ether
Concen: 5.133 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

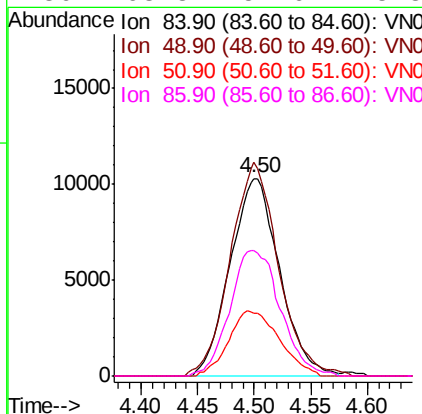
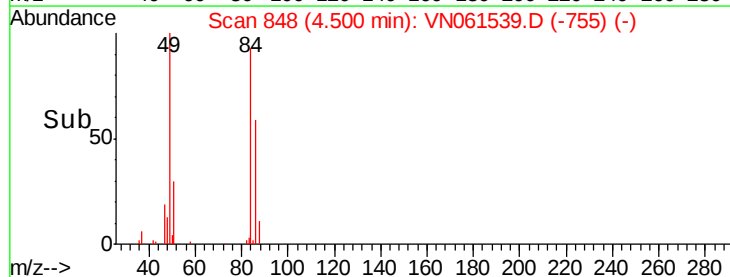
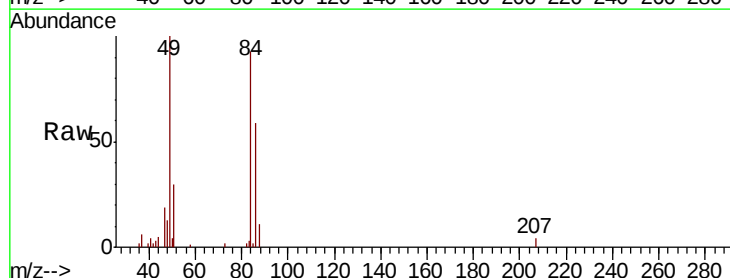
Instrument :
MSVOA_N
ClientSampleId :

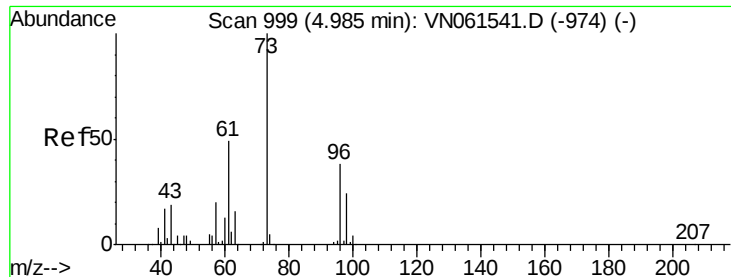
Tot Ion: 73 Resp: 75435
Ion Ratio Lower Upper
73 100
57 19.6 16.4 24.6



#20
Methylene Chloride
Concen: 6.710 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 84 Resp: 31342
Ion Ratio Lower Upper
84 100
49 105.8 85.8 128.8
51 32.1 26.2 39.2
86 63.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 5.472 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

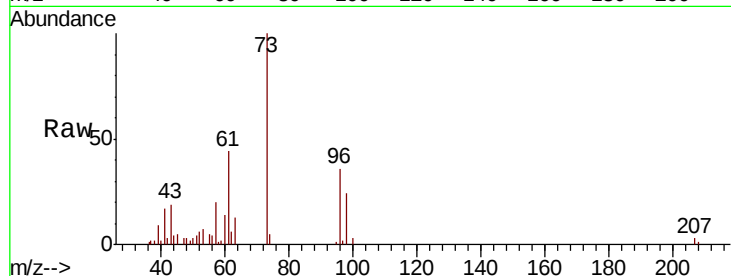
Tot Ion: 96 Resp: 24639

Ion Ratio Lower Upper

96 100

61 123.0 101.4 152.0

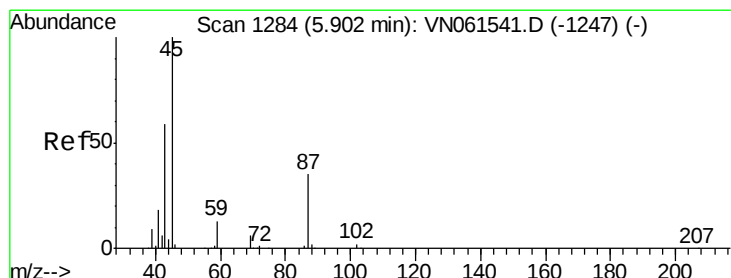
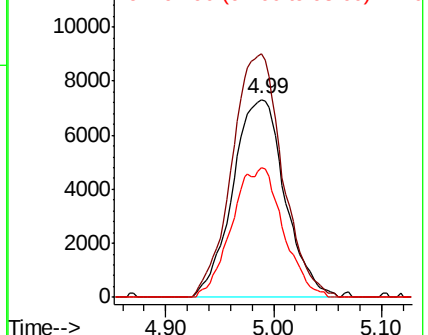
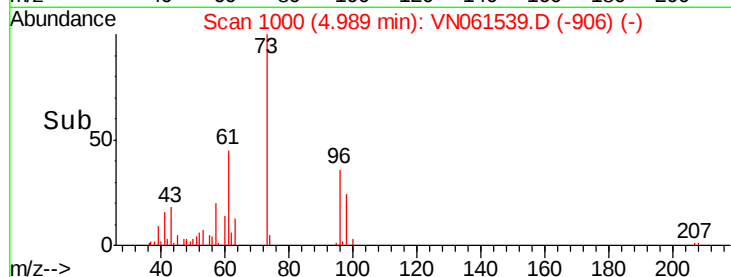
98 65.8 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061539.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061539.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061539.D (-906) (-)



#22

Diisopropyl ether

Concen: 4.540 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Tgt Ion: 45 Resp: 63124

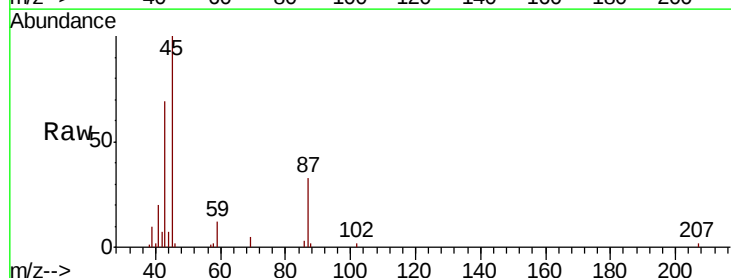
Ion Ratio Lower Upper

45 100

43 65.1 47.9 71.9

87 33.4 28.4 42.6

59 12.3 10.5 15.7

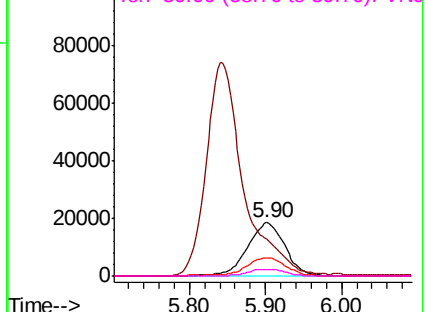
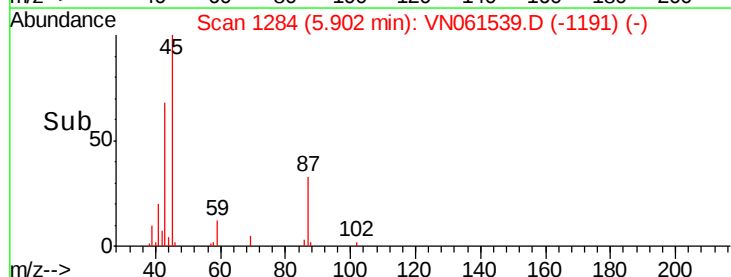


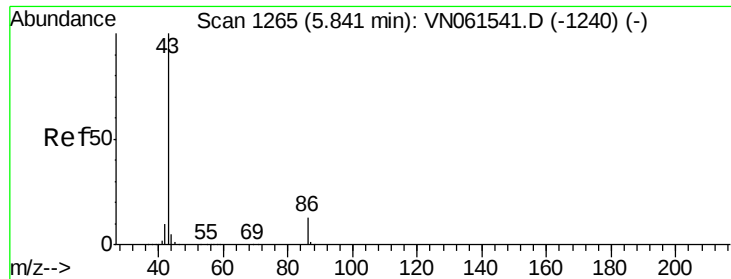
Abundance Ion 45.00 (44.70 to 45.70): VN061539.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061539.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061539.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061539.D (-1191) (-)

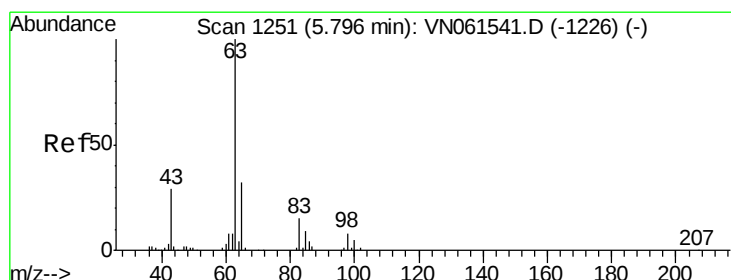
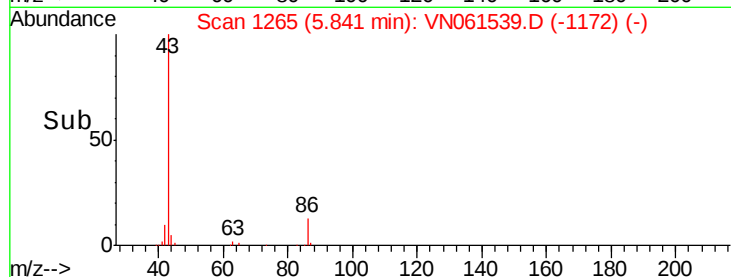
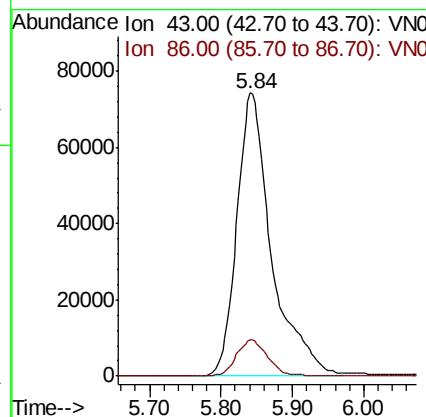
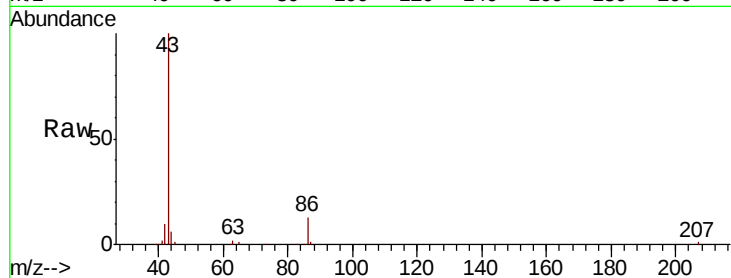




#23
 Vinyl Acetate
 Concen: 22.853 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

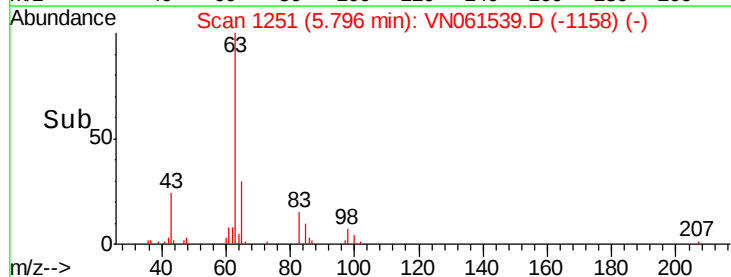
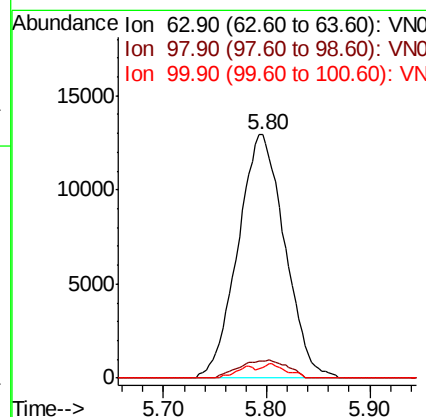
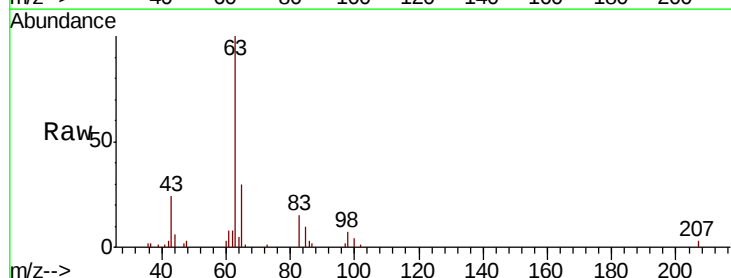
Instrument :
 MSVOA_N
 ClientSampleId :

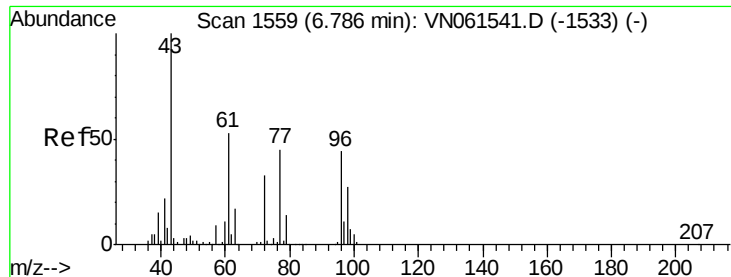
Tot Ion: 43 Resp: 252630
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 4.986 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 63 Resp: 40807
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.3 2.5 7.6

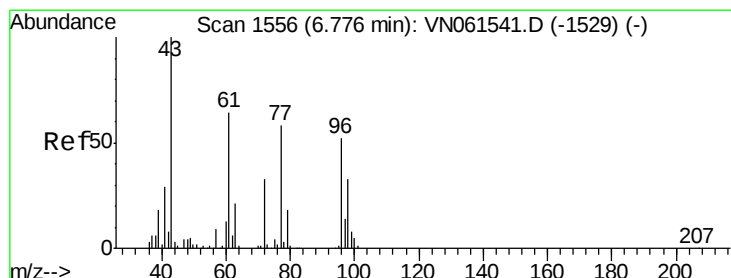
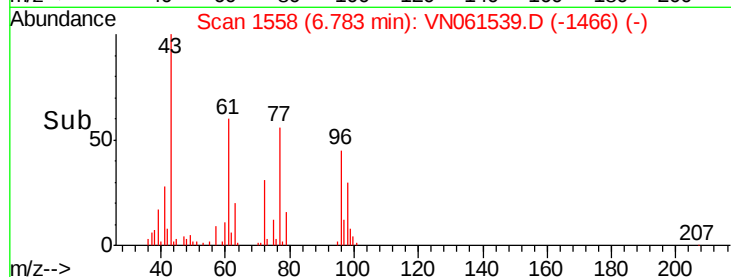
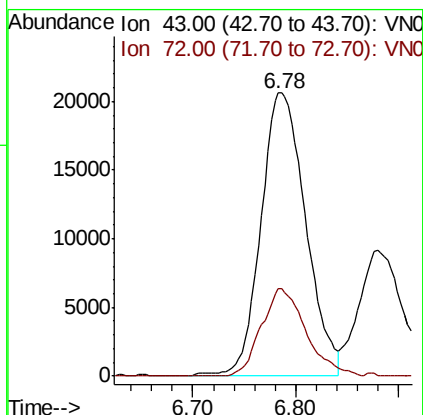
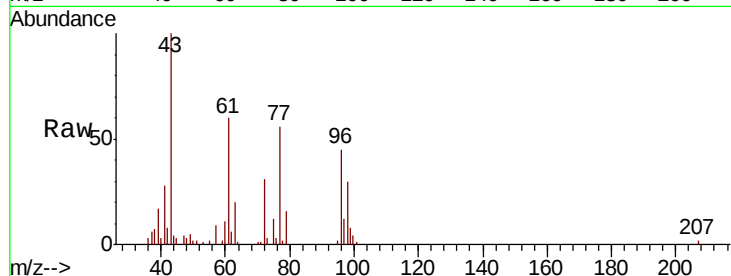




#25
2-Butanone
Concen: 24.510 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

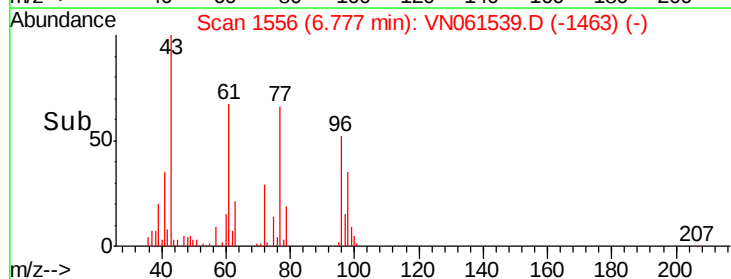
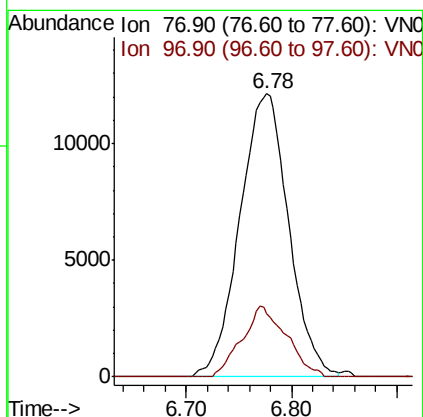
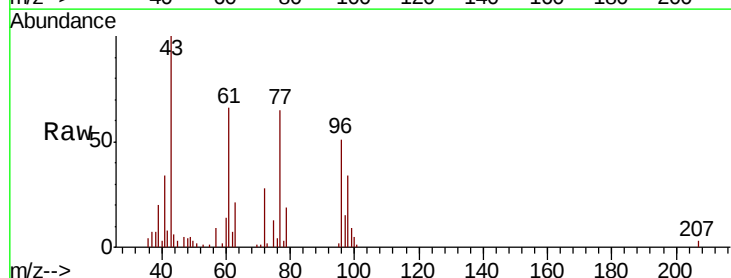
Instrument :
MSVOA_N
ClientSampled :

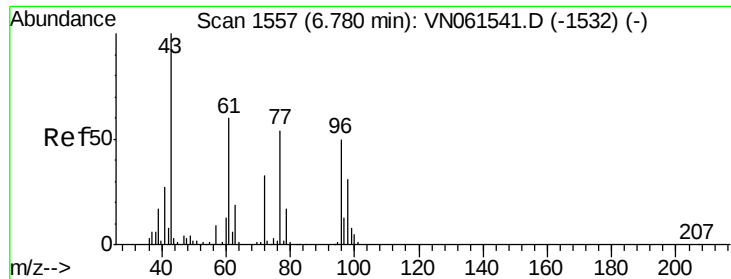
Tot Ion: 43 Resp: 62233
Ion Ratio Lower Upper
43 100
72 31.0 26.0 39.0



#26
2,2-Dichloropropane
Concen: 5.034 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 77 Resp: 39050
Ion Ratio Lower Upper
77 100
97 22.7 12.0 36.0

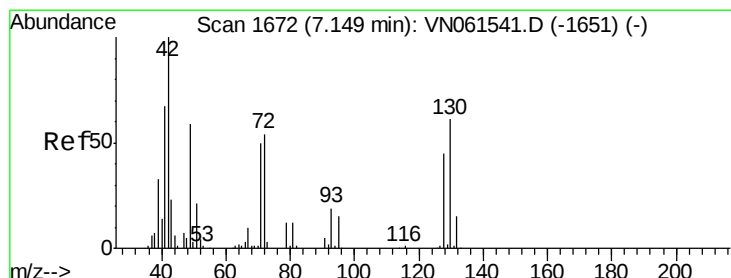
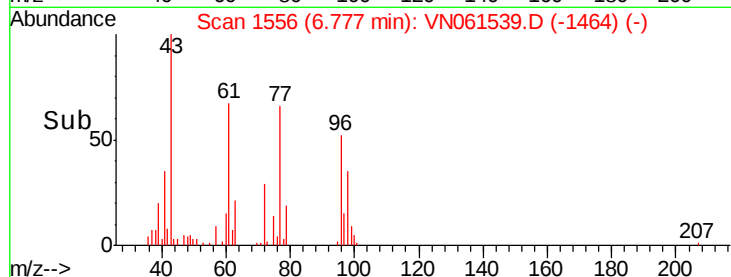
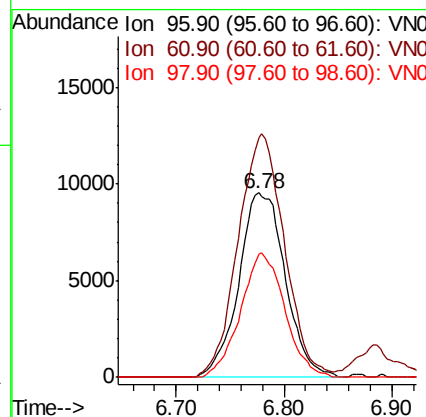
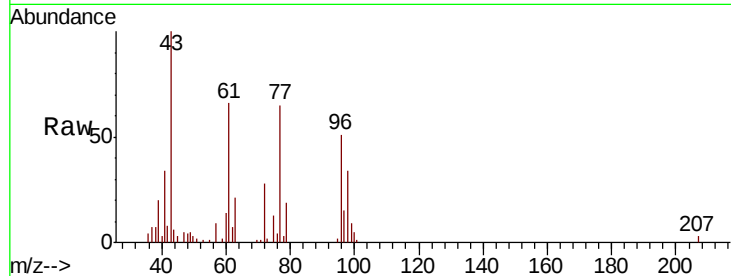




#27
 cis-1,2-Dichloroethene
 Concen: 5.387 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

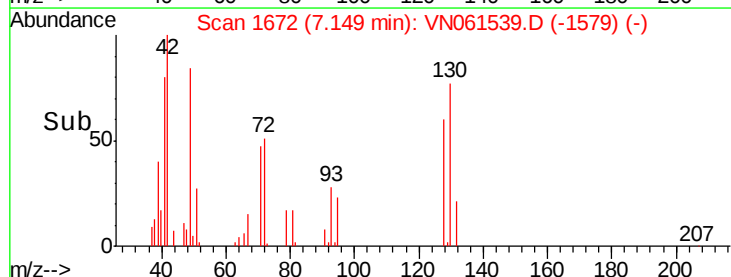
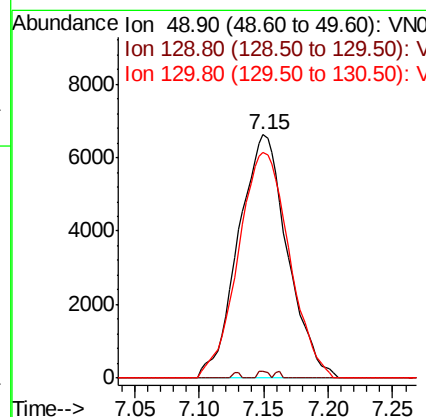
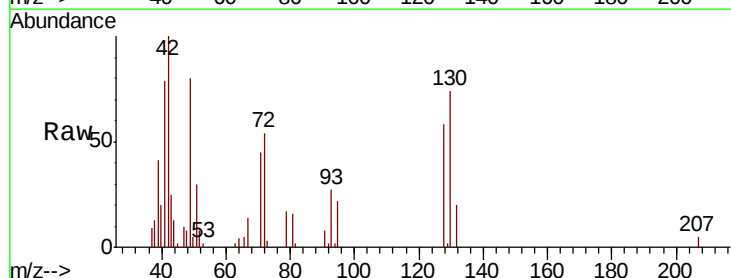
Instrument :
 MSVOA_N
 ClientSampled :

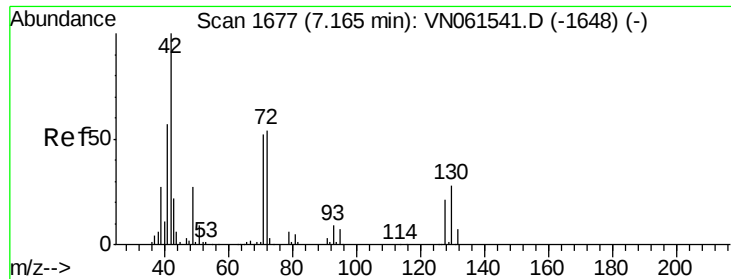
Tot Ion: 96 Resp: 28614
 Ion Ratio Lower Upper
 96 100
 61 131.0 0.0 252.2
 98 64.2 0.0 129.2



#28
 Bromochloromethane
 Concen: 5.180 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 49 Resp: 17533
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.8
 130 96.5 78.8 118.2

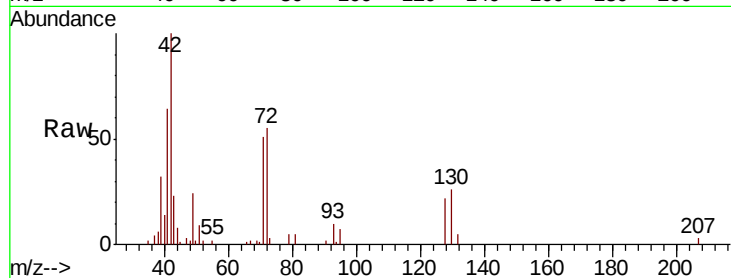




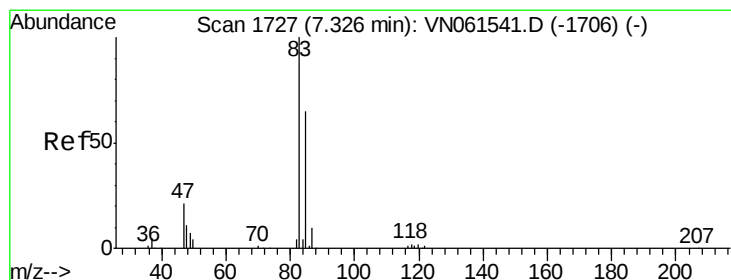
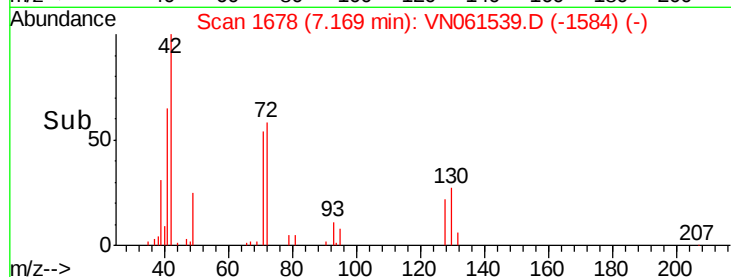
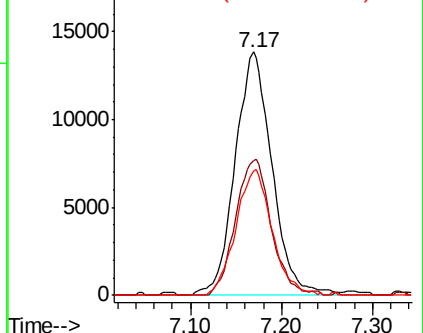
#29
Tetrahydrofuran
Concen: 23.238 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 39075
Ion Ratio Lower Upper
42 100
72 53.8 43.6 65.4
71 50.5 41.2 61.8

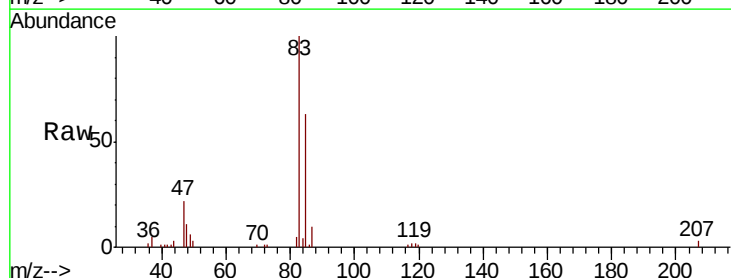


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

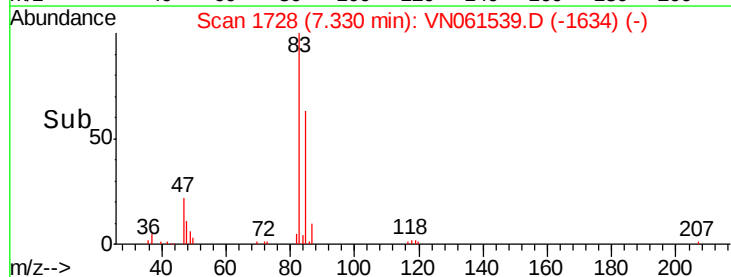
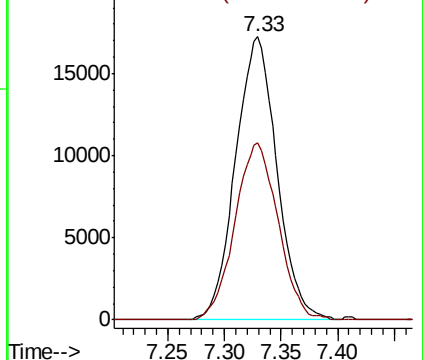


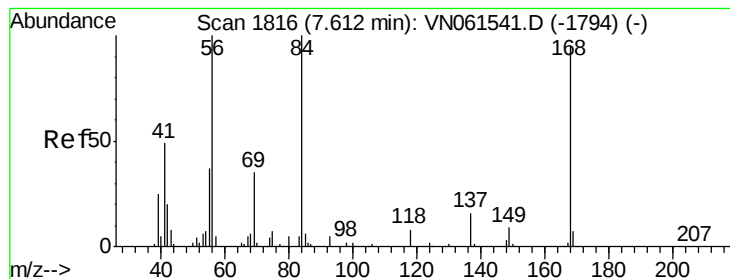
#30
Chloroform
Concen: 5.103 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 83 Resp: 43858
Ion Ratio Lower Upper
83 100
85 62.5 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
20000 Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 5.112 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

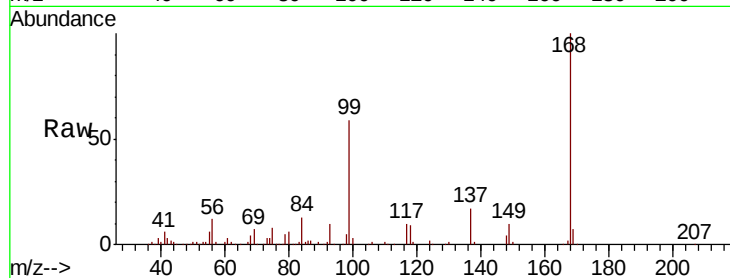
Tot Ion: 56 Resp: 39770

Ion Ratio Lower Upper

56 100

69 58.4 27.8 41.8#

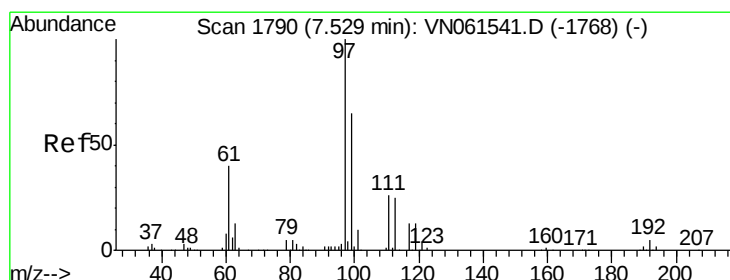
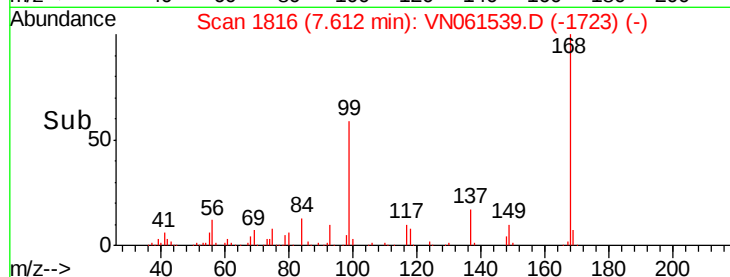
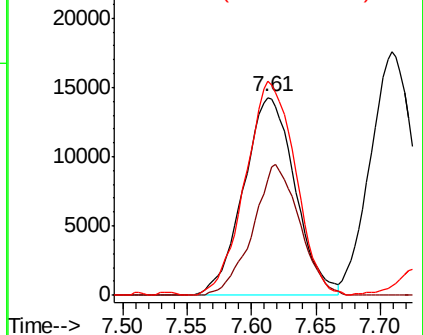
84 108.3 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061539.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061539.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061539.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 5.113 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

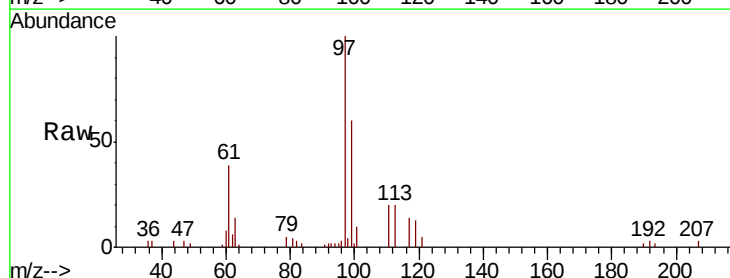
Tgt Ion: 97 Resp: 40206

Ion Ratio Lower Upper

97 100

99 62.5 51.4 77.0

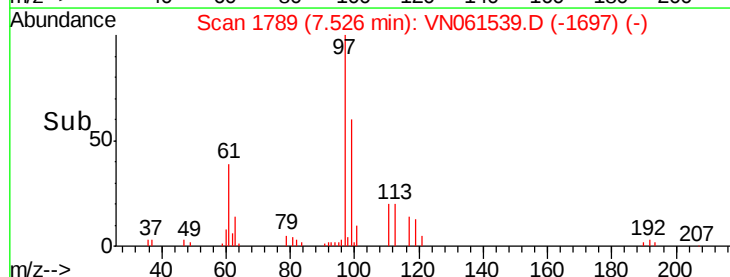
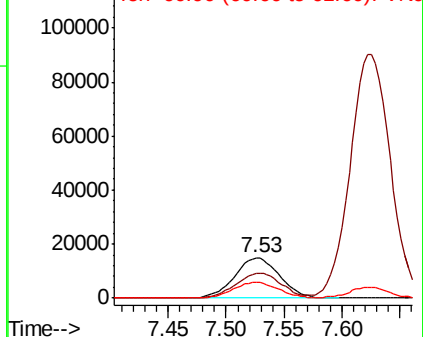
61 39.4 31.4 47.0

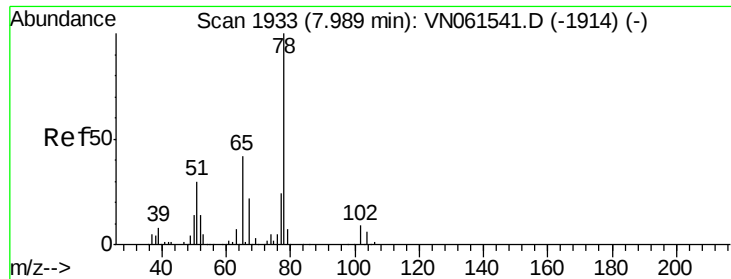


Abundance Ion 96.90 (96.60 to 97.60): VN061539.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061539.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061539.D (-1697) (-)

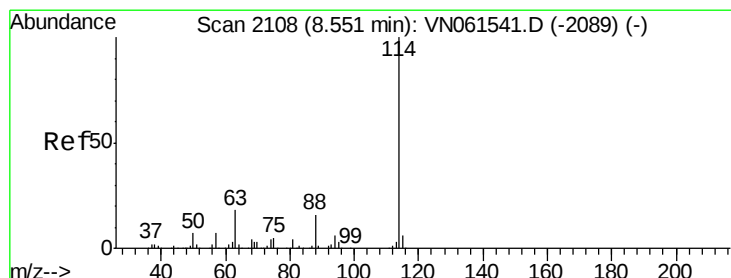
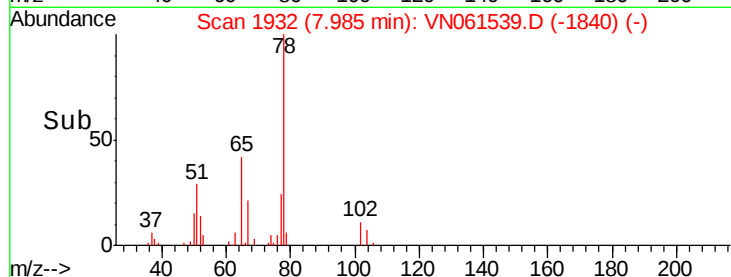
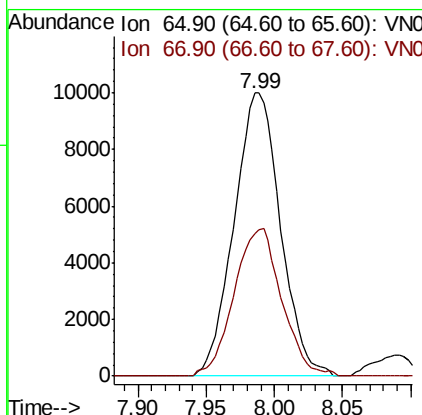
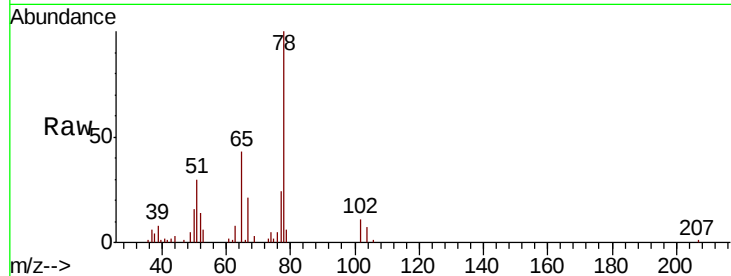




#33
 1,2-Dichloroethane-d4
 Concen: 4.229 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

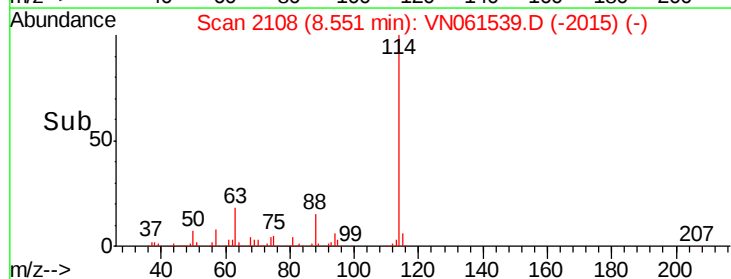
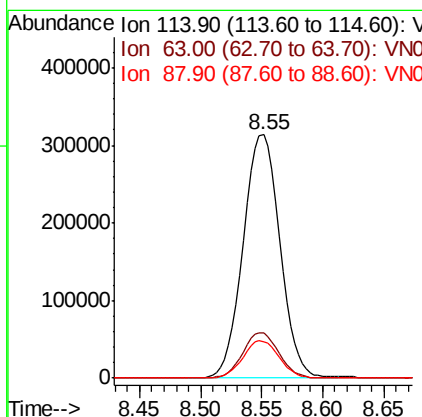
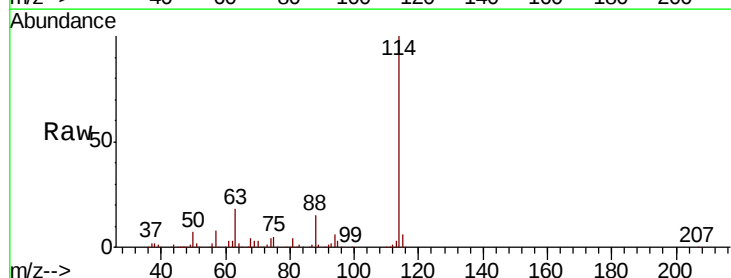
Instrument :
 MSVOA_N
 ClientSampled :

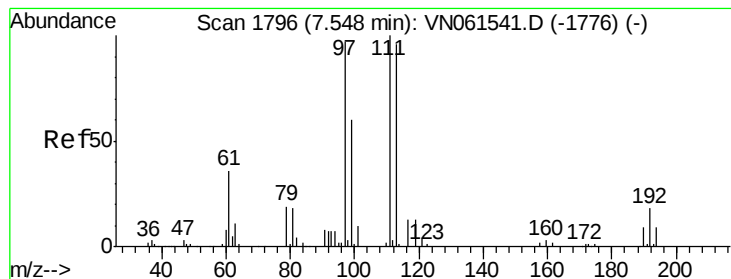
Tot Ion: 65 Resp: 23604
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 114 Resp: 653780
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.8
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 5.400 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

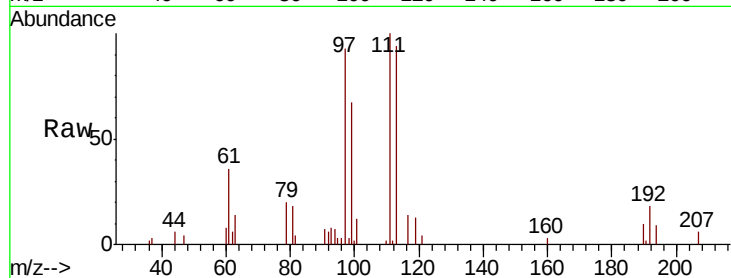
Tot Ion:113 Resp: 18593

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.0

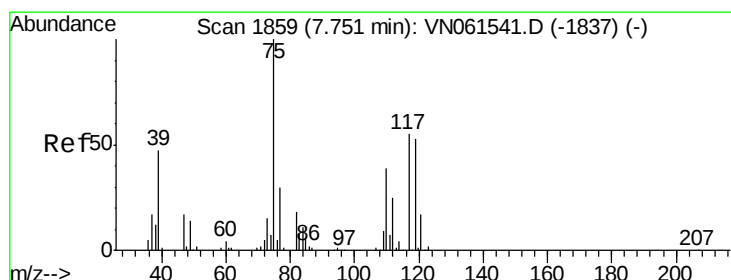
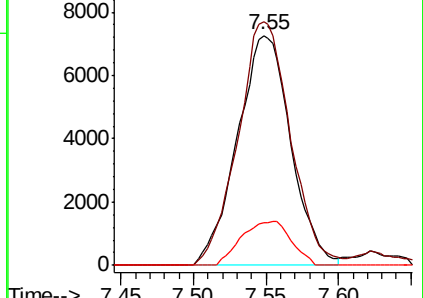
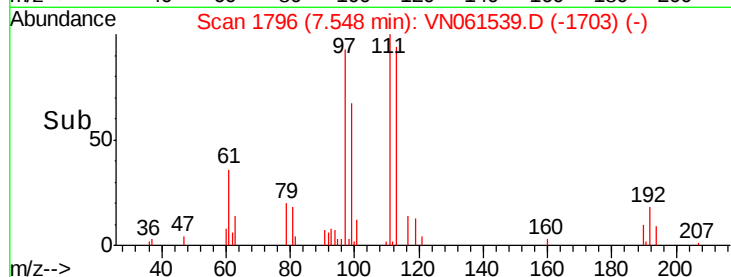
192 17.7 15.4 23.2



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: 5.131 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

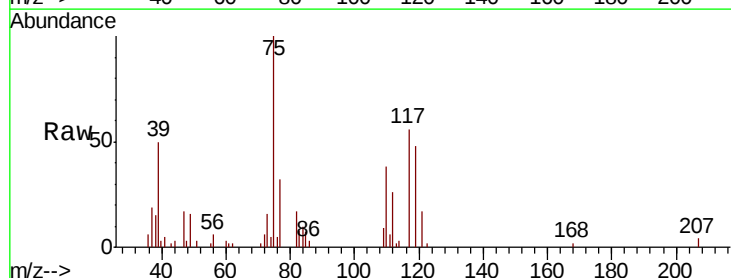
Tgt Ion: 75 Resp: 30908

Ion Ratio Lower Upper

75 100

110 38.8 19.5 58.5

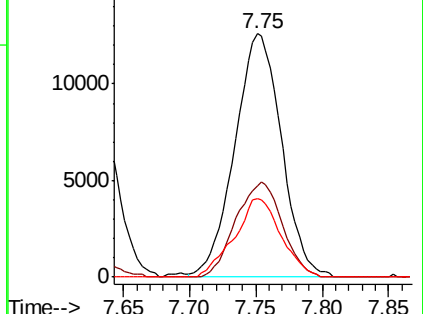
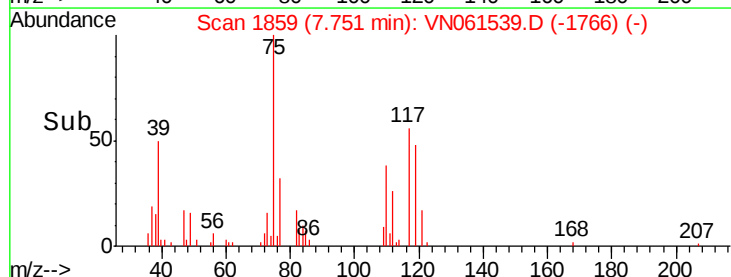
77 32.1 24.7 37.1

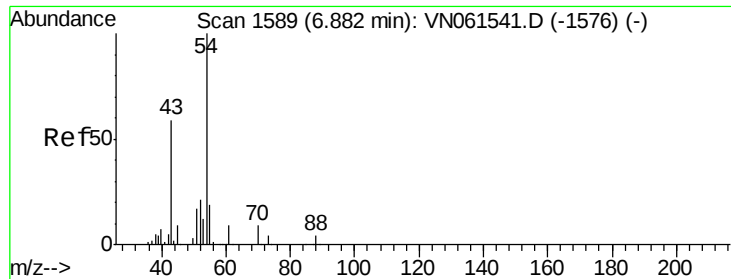


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

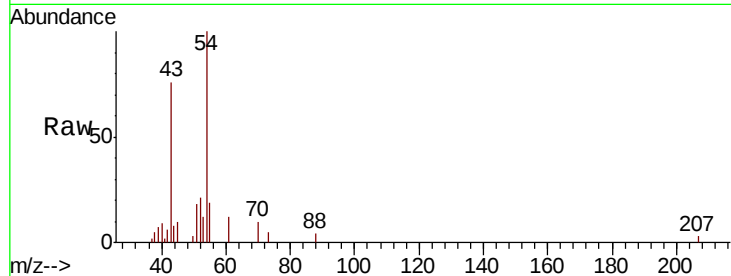




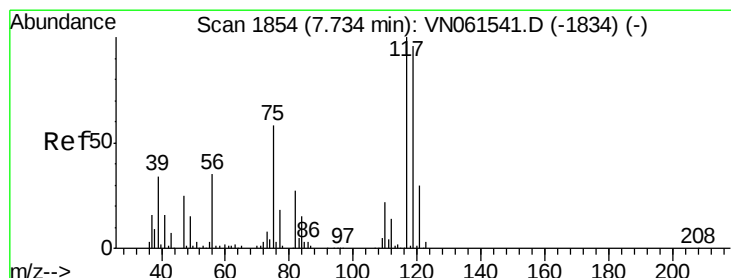
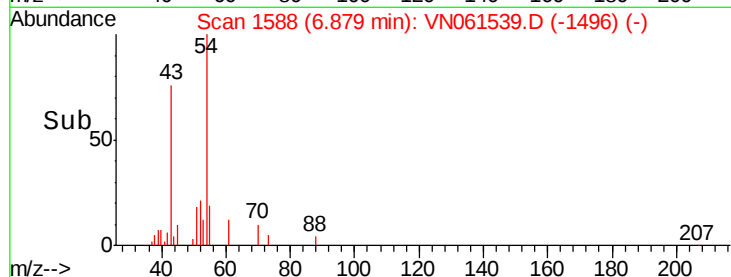
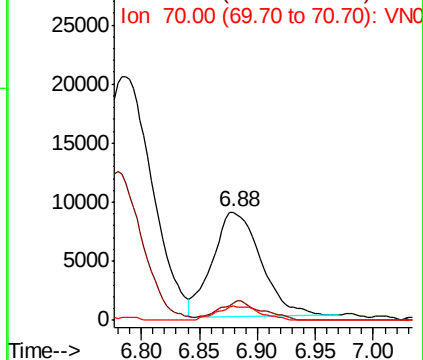
#37
Ethyl Acetate
Concen: 4.738 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 25828
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 6.8 9.4 14.2#

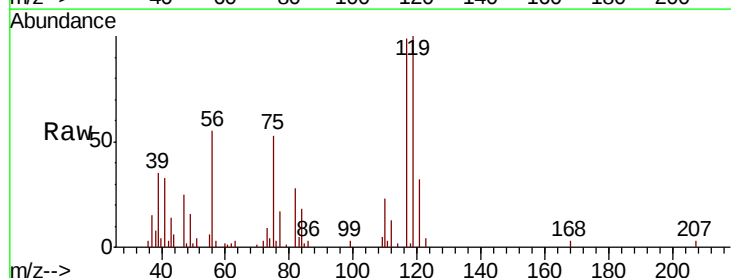


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

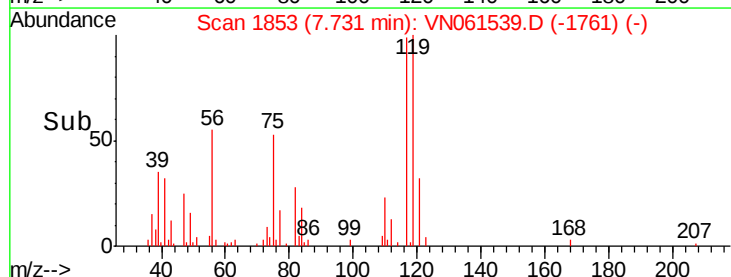
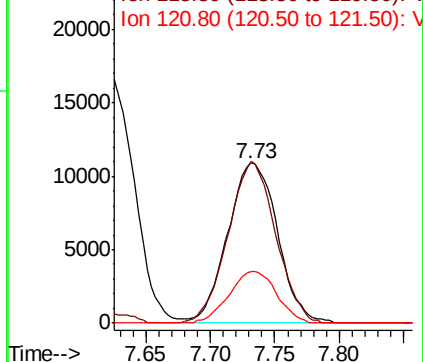


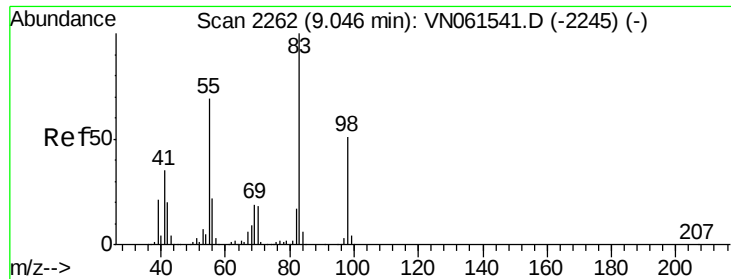
#38
Carbon Tetrachloride
Concen: 5.253 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 117 Resp: 29275
Ion Ratio Lower Upper
117 100
119 100.8 76.5 114.7
121 32.5 24.1 36.1



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

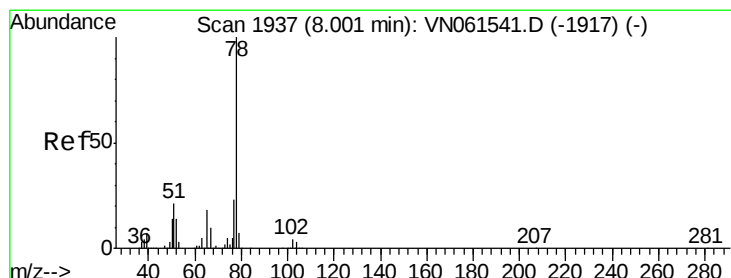
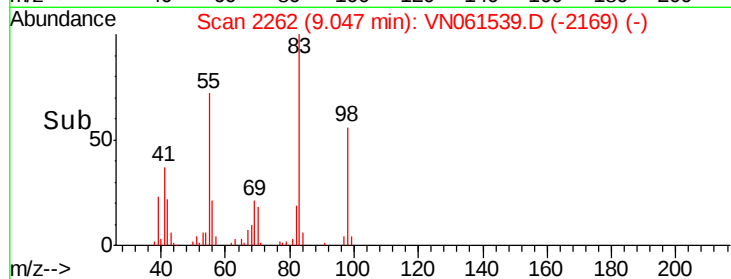
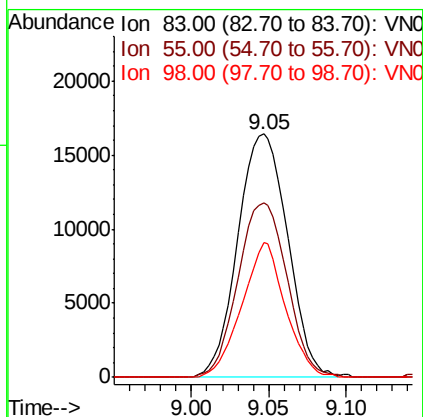
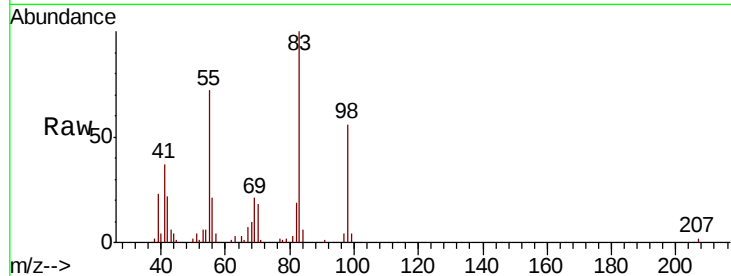




#39
Methvlcvclohexane
Concen: 4.991 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

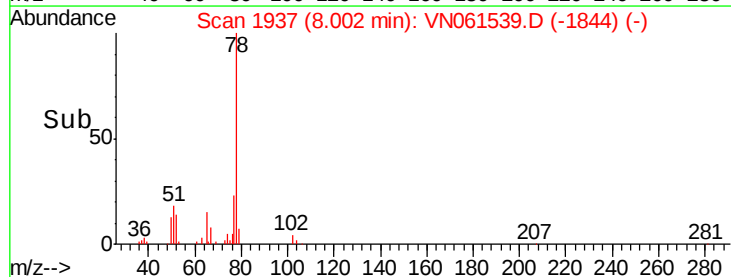
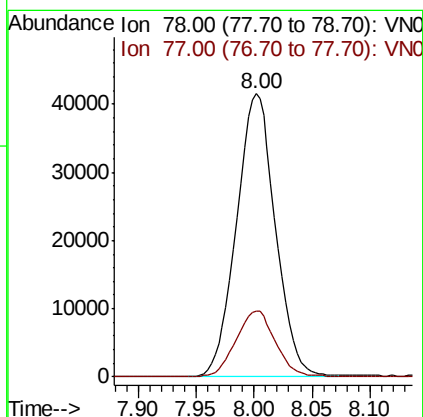
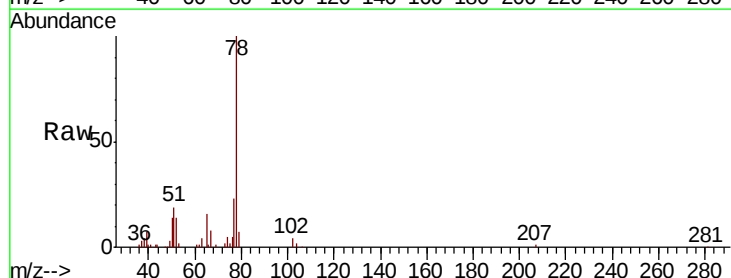
Instrument :
MSVOA_N
ClientSampled :

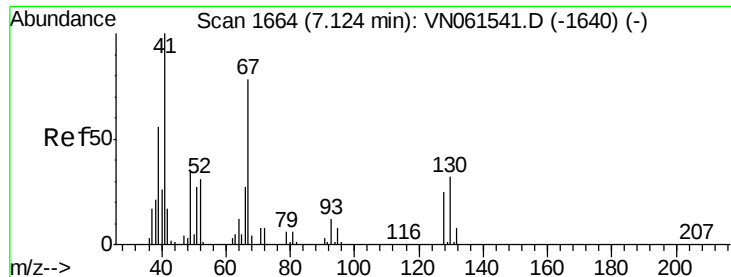
Tot Ion	83	Resp	36803
Ion	Ratio	Lower	Upper
83	100		
55	71.8	54.9	82.3
98	55.5	41.0	61.4



#40
Benzene
Concen: 5.324 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion	78	Resp	96813
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0

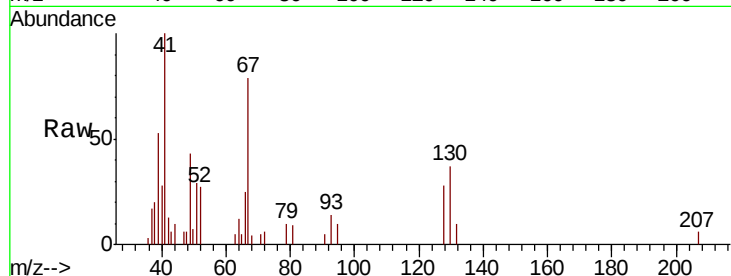




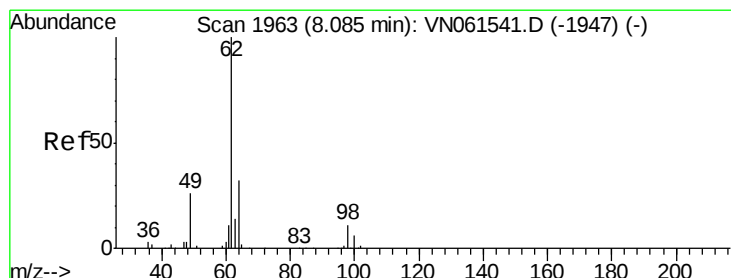
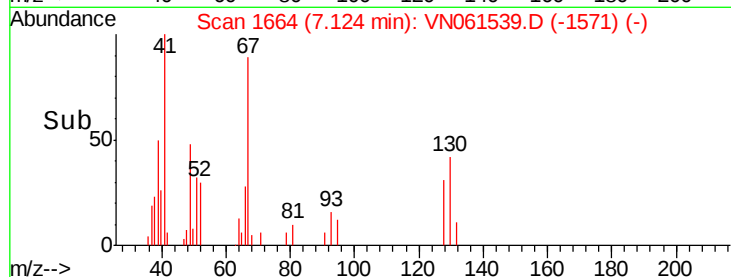
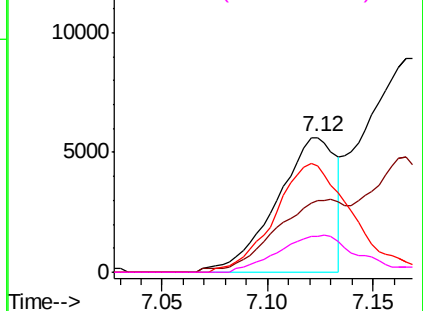
#41
Methacrylonitrile
Concen: 4.919 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 11025
Ion Ratio Lower Upper
41 100
39 66.6 53.8 80.6
67 104.8 91.1 136.7
52 35.7 36.0 54.0#

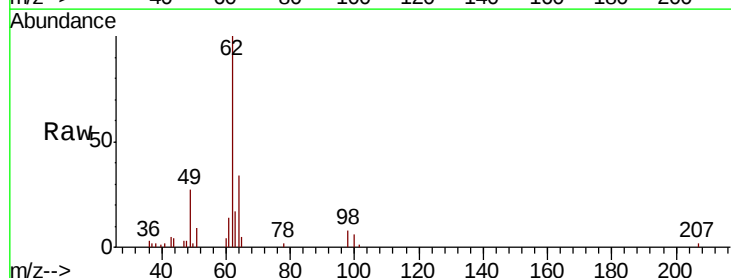


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

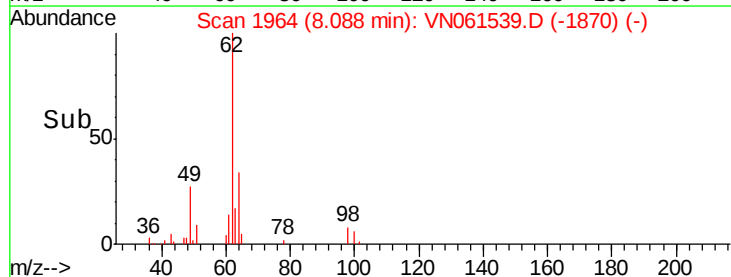
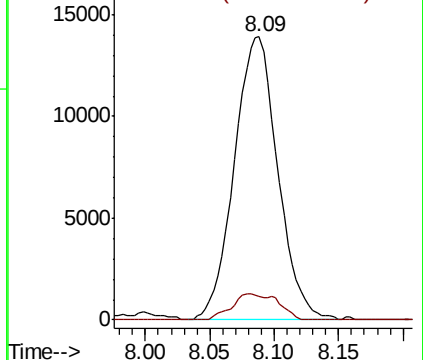


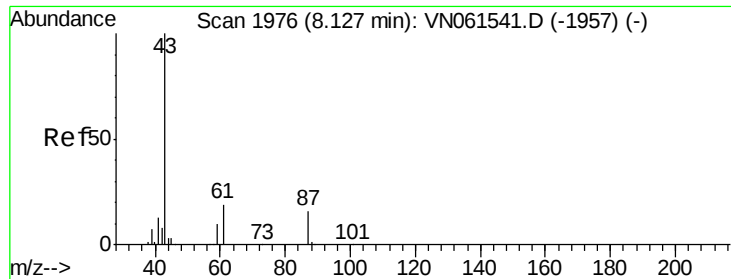
#42
1,2-Dichloroethane
Concen: 5.036 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 62 Resp: 32648
Ion Ratio Lower Upper
62 100
98 6.4 0.0 21.4



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

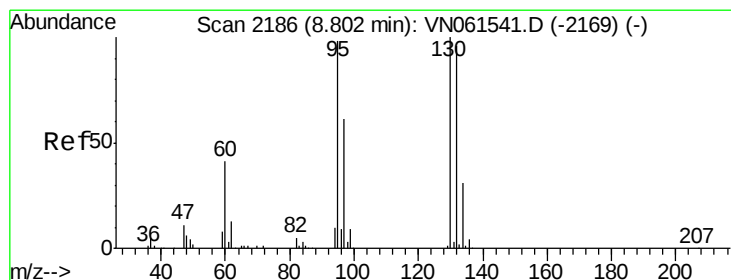
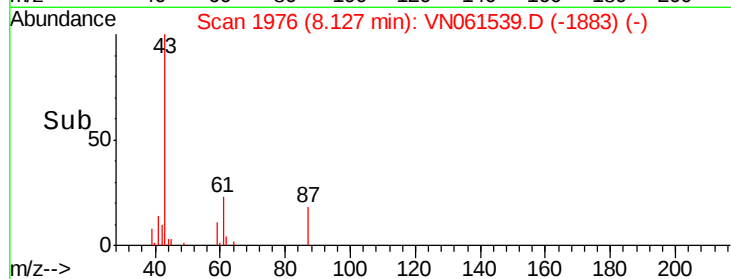
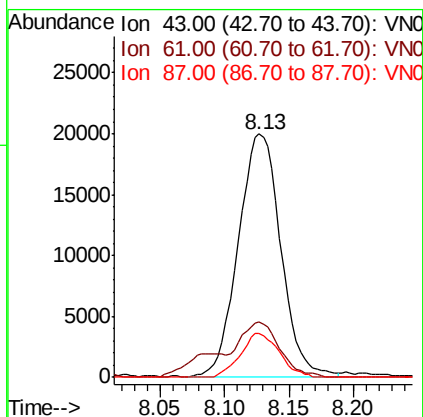
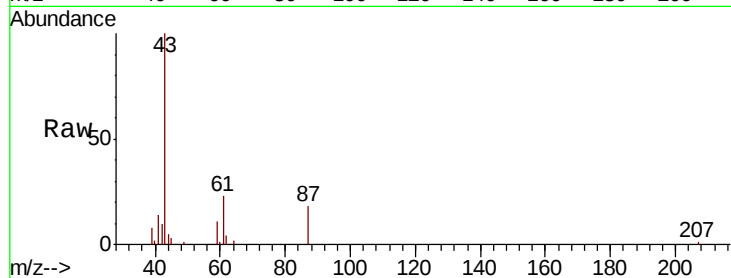




#43
Isopropyl Acetate
Concen: 4.887 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

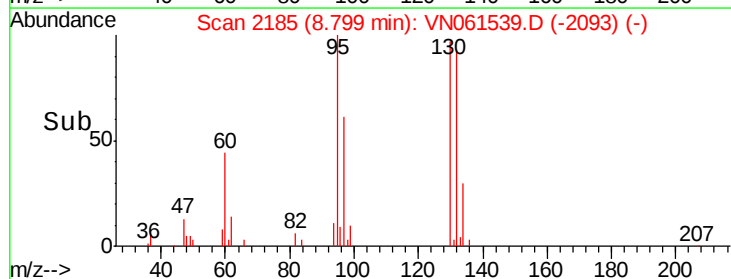
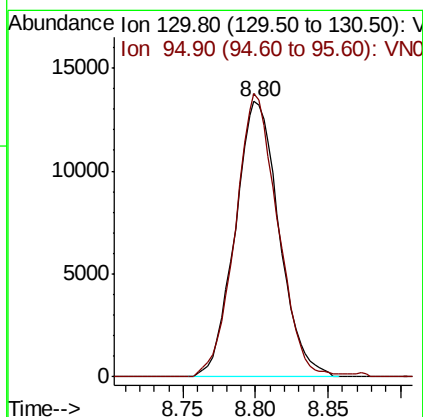
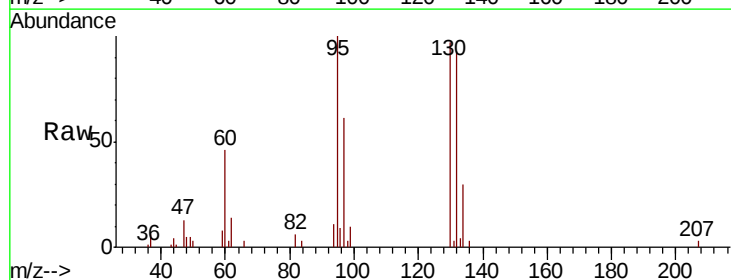
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 46108
Ion Ratio Lower Upper
43 100
61 21.7 23.6 35.4#
87 16.4 13.0 19.6



#44
Trichloroethene
Concen: 5.739 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:130 Resp: 28229
Ion Ratio Lower Upper
130 100
95 102.8 0.0 196.6

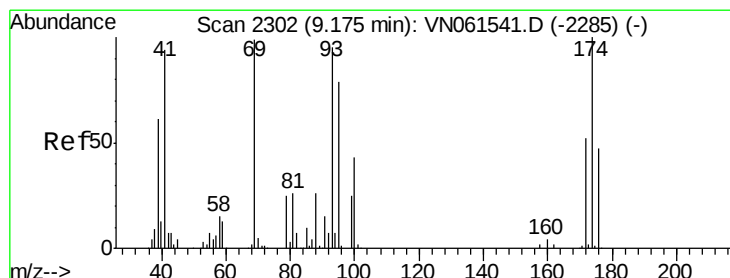
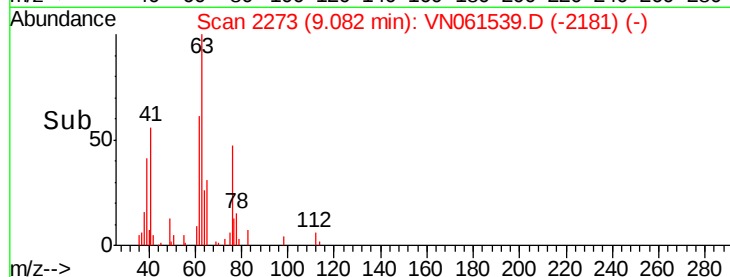
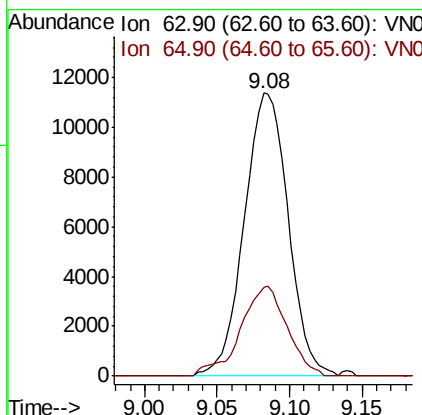
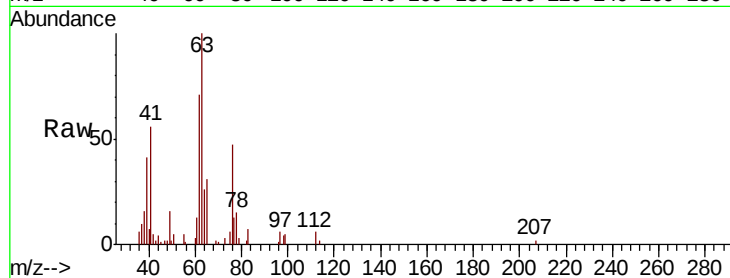




#45
 1,2-Dichloropropane
 Concen: 5.318 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

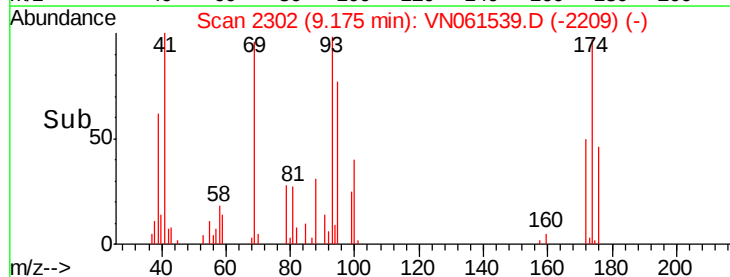
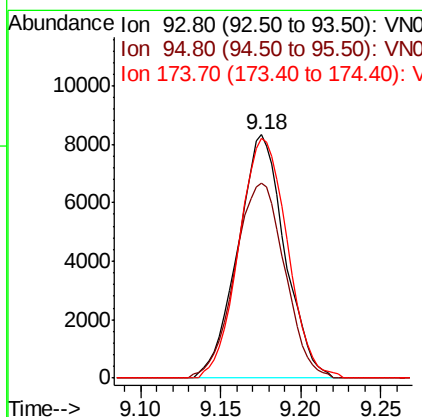
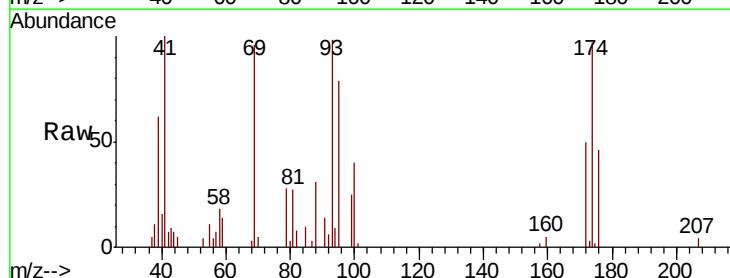
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 24028
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 5.220 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 93 Resp: 16772
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.0 99.0
 174 101.0 82.5 123.7





#47

Bromodichloromethane

Concen: 5.313 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampled :

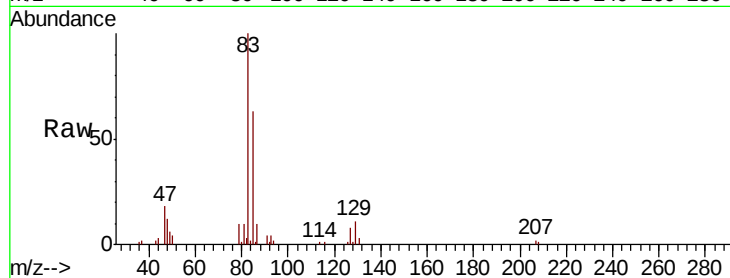
Tot Ion: 83 Resp: 35587

Ion Ratio Lower Upper

83 100

85 63.5 51.1 76.7

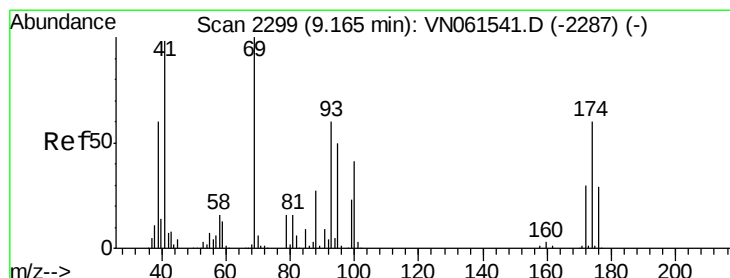
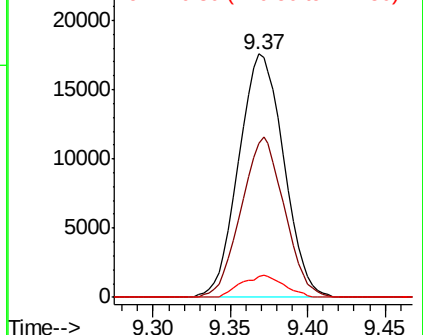
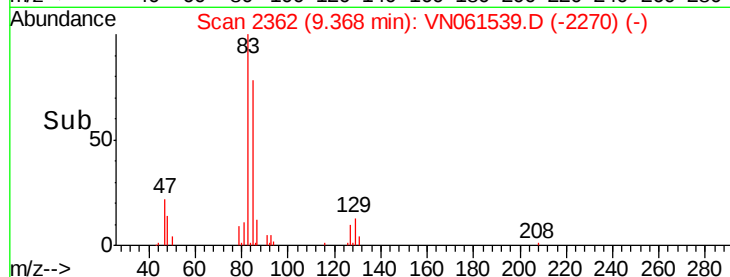
127 8.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061539.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061539.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061539.D (-2270) (-)



#48

Methyl methacrylate

Concen: 4.557 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

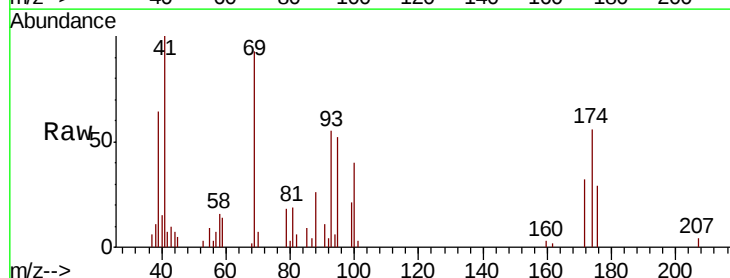
Tgt Ion: 41 Resp: 19741

Ion Ratio Lower Upper

41 100

69 98.1 83.9 125.9

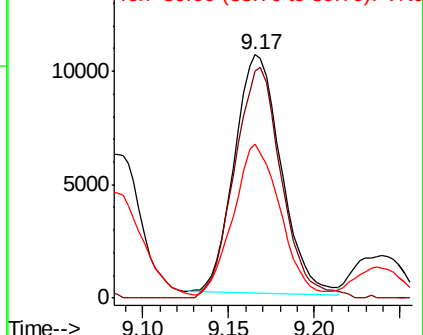
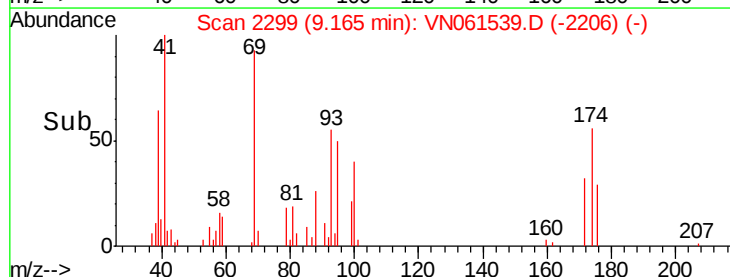
39 66.2 52.1 78.1

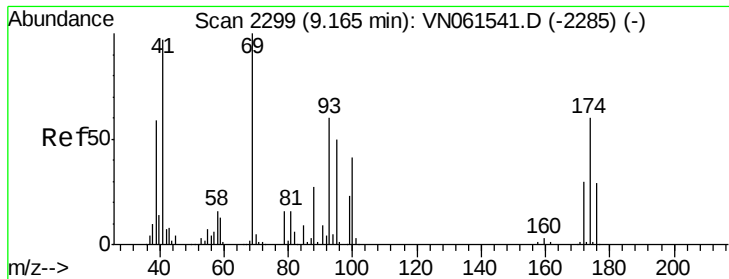


Abundance Ion 41.00 (40.70 to 41.70): VN061539.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061539.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061539.D (-2206) (-)

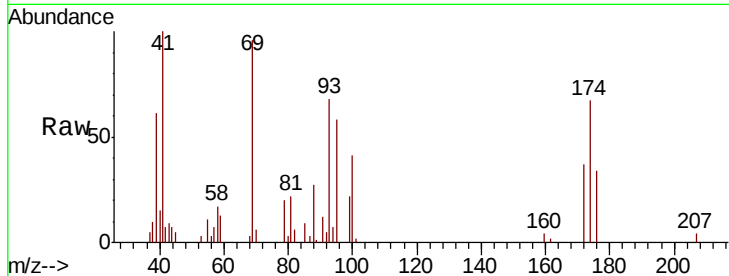




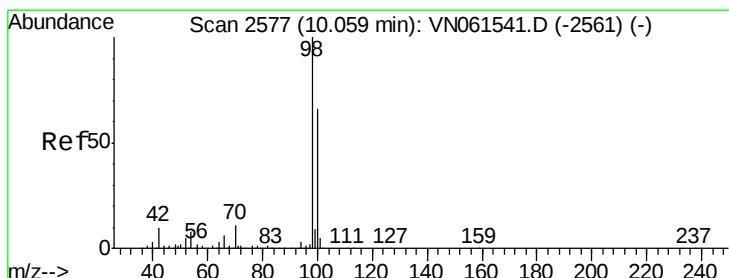
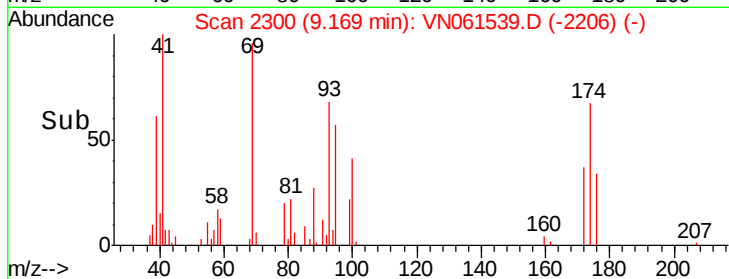
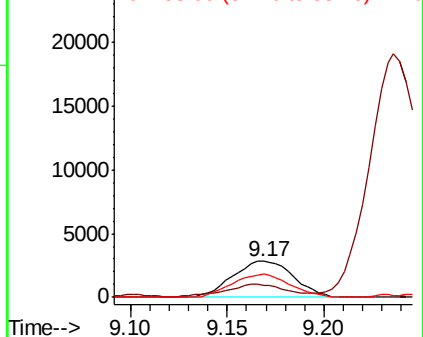
#49
1,4-Dioxane
Concen: 113.479 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 6156
Ion Ratio Lower Upper
88 100
43 37.9 23.1 34.7#
58 61.2 48.3 72.5

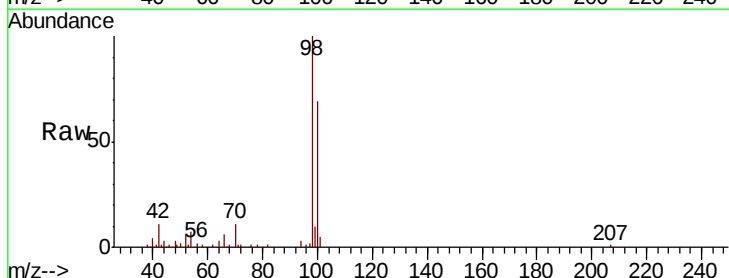


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

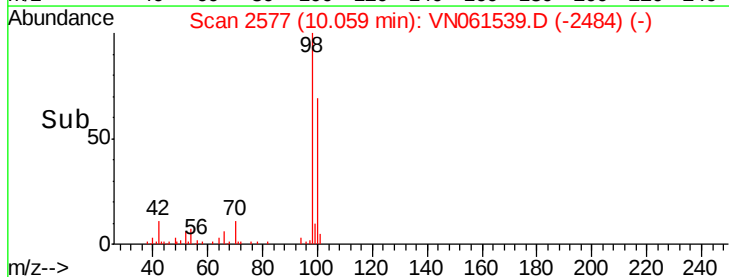
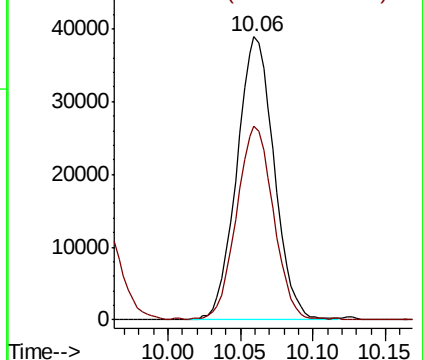


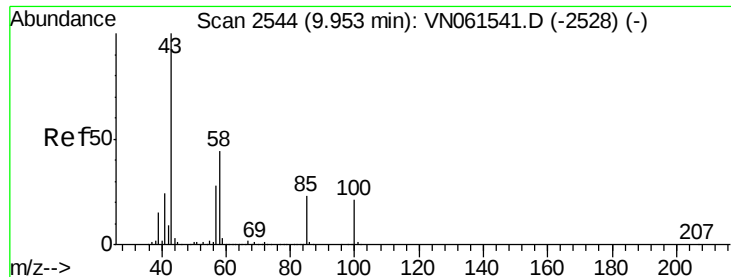
#50
Toluene-d8
Concen: 4.368 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 98 Resp: 69564
Ion Ratio Lower Upper
98 100
100 67.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

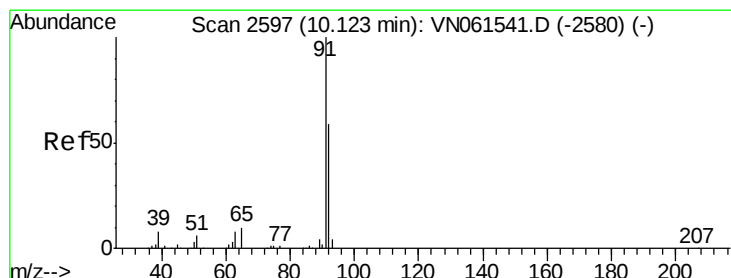
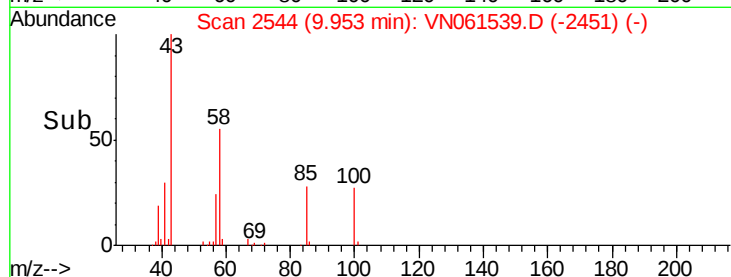
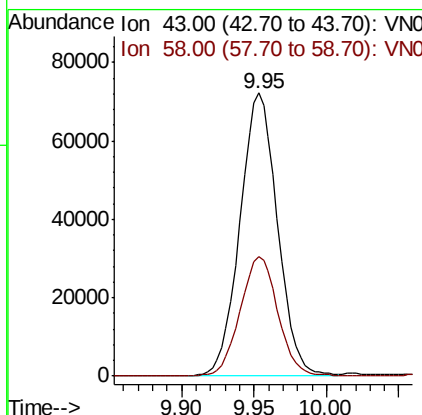
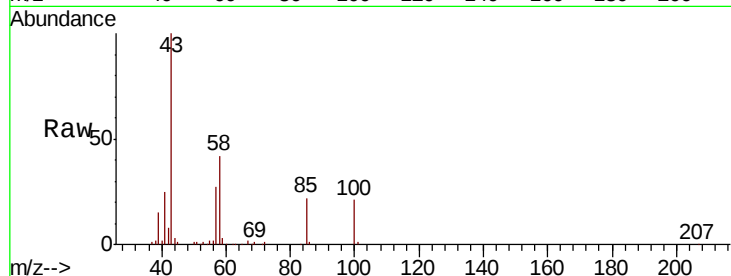




#51
 4-Methyl-2-Pentanone
 Concen: 25.068 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

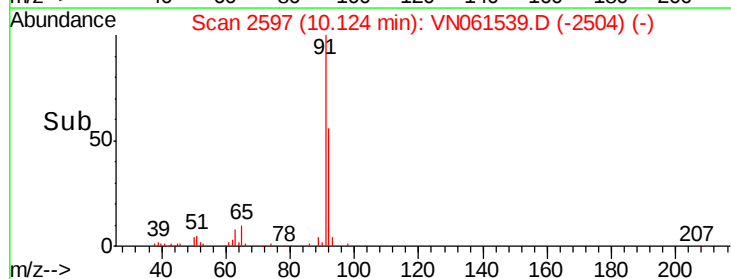
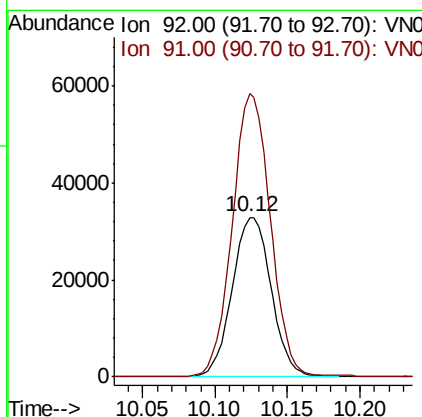
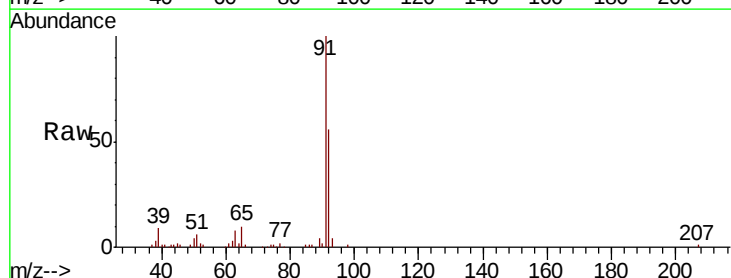
Instrument :
 MSVOA_N
 ClientSampled :

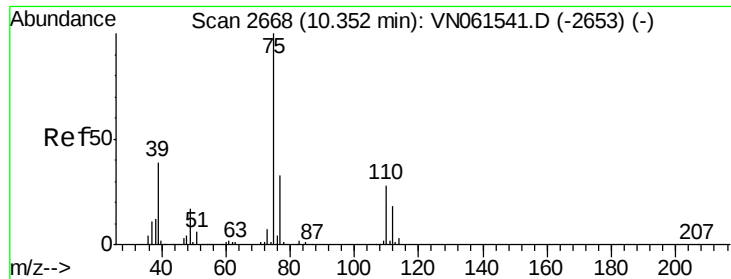
Tot Ion: 43 Resp: 129053
 Ion Ratio Lower Upper
 43 100
 58 42.8 35.0 52.6



#52
 Toluene
 Concen: 5.236 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 92 Resp: 61338
 Ion Ratio Lower Upper
 92 100
 91 173.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 4.963 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

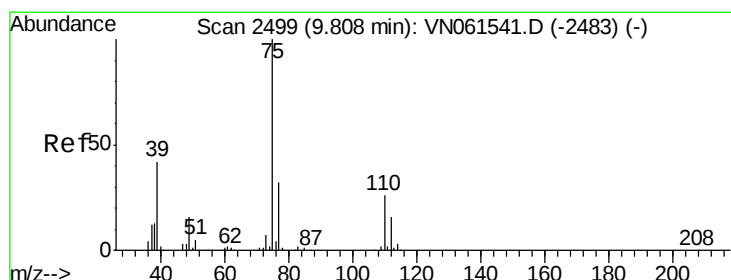
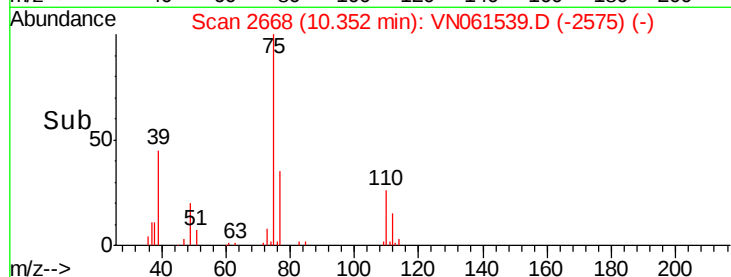
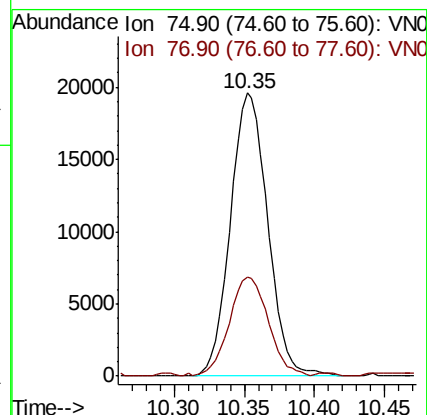
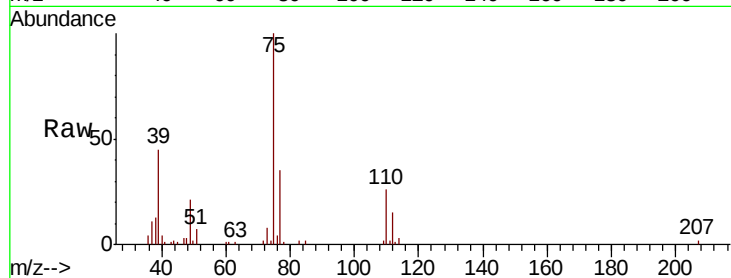
ClientSampled :

Tot Ion: 75 Resp: 36269

Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 5.222 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

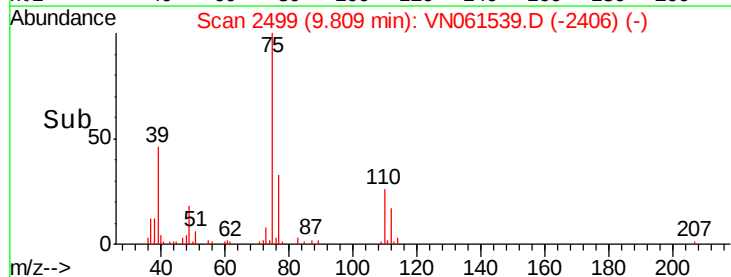
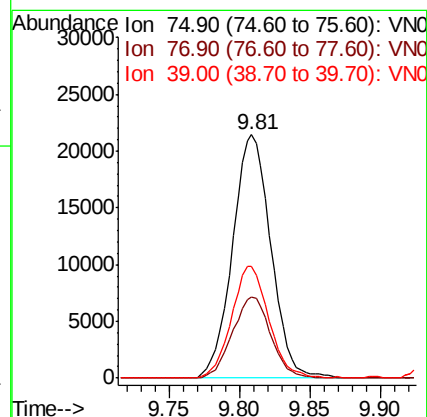
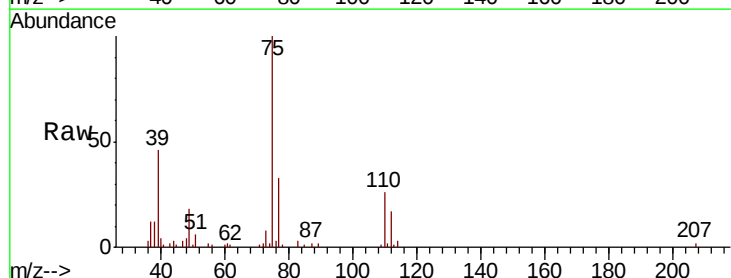
Tgt Ion: 75 Resp: 40786

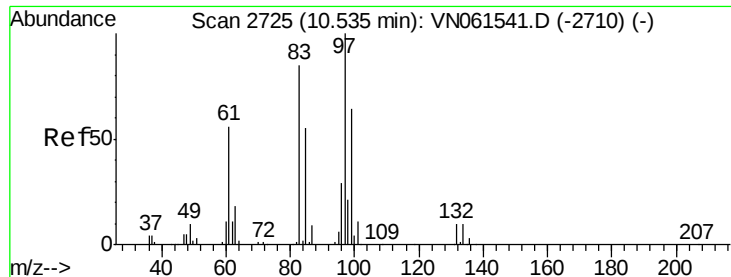
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.2

39 45.7 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 5.759 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 25602

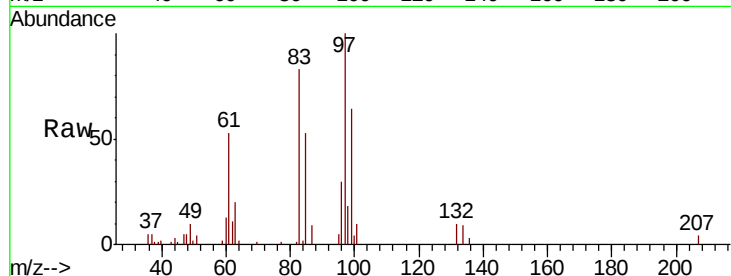
Ion Ratio Lower Upper

97 100

83 82.7 68.1 102.1

85 53.4 44.1 66.1

99 63.6 51.1 76.7



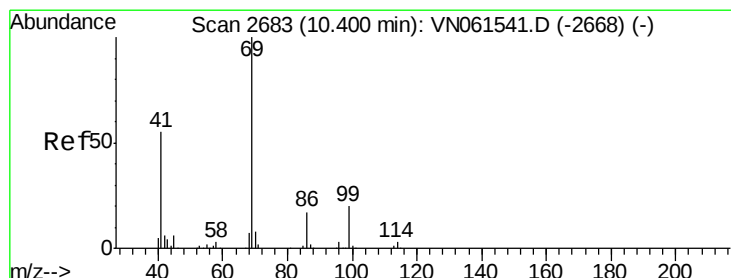
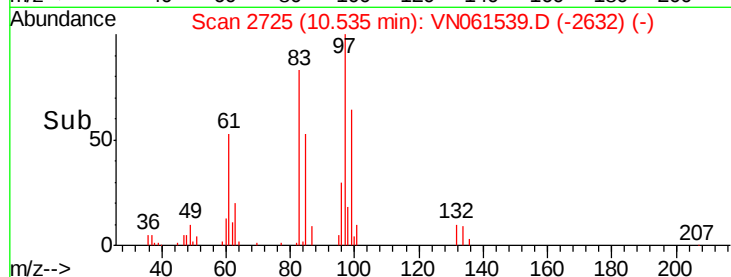
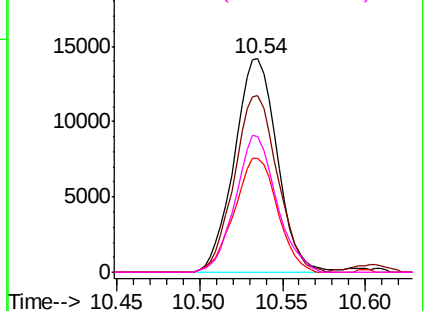
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.865 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

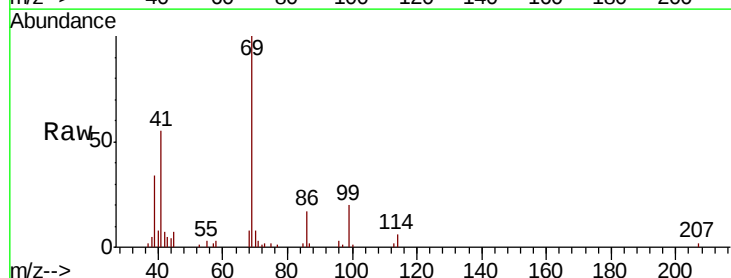
Tgt Ion: 69 Resp: 33400

Ion Ratio Lower Upper

69 100

41 58.2 43.5 65.3

39 37.4 27.0 40.6

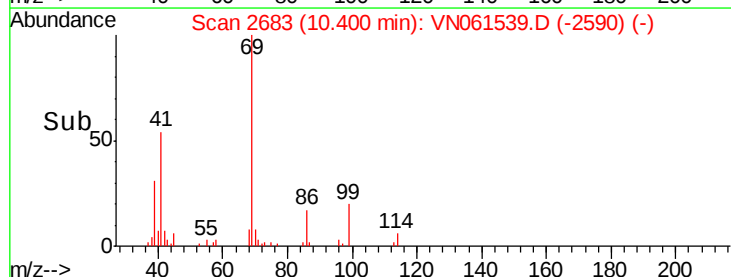
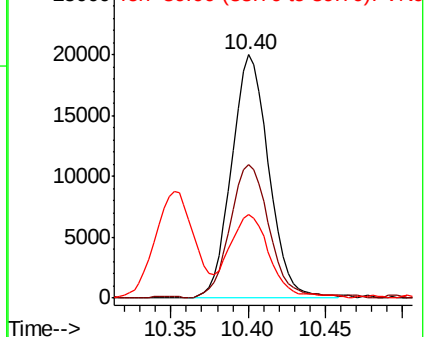


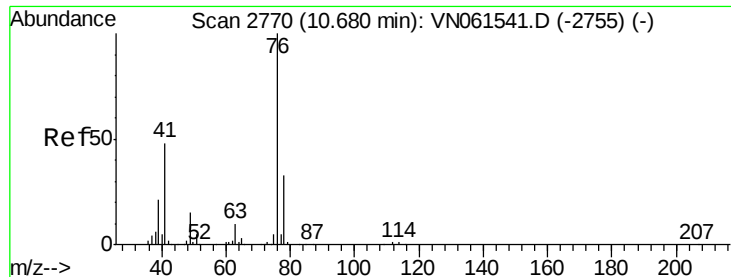
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 5.244 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

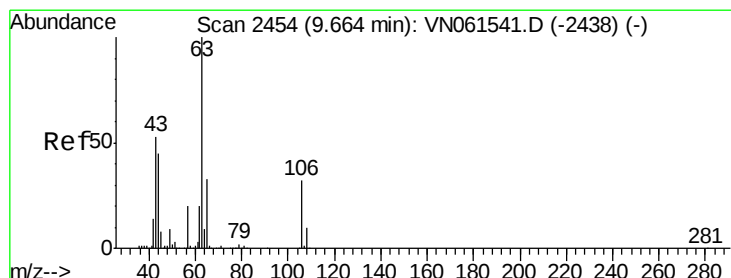
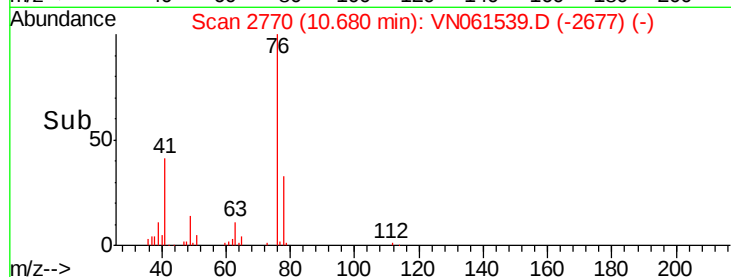
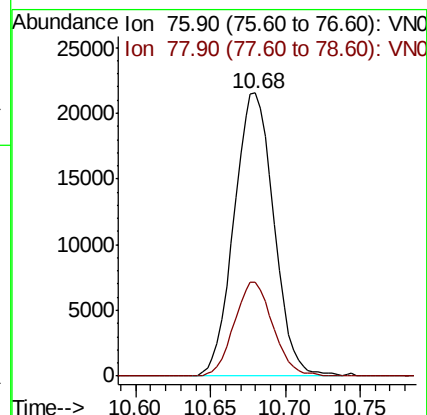
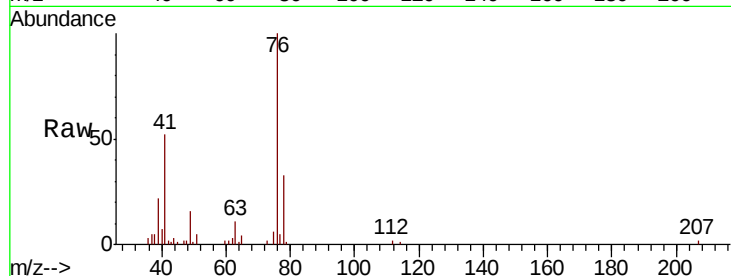
ClientSampled :

Tot Ion: 76 Resp: 39894

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 25.279 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061539.D

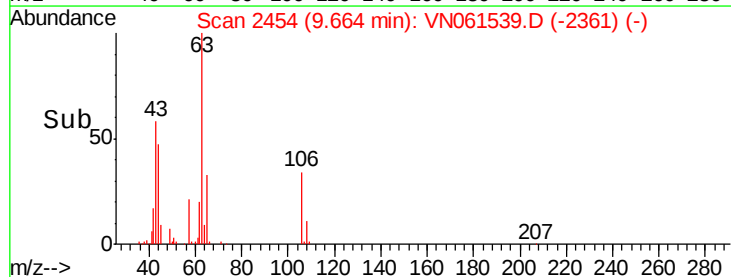
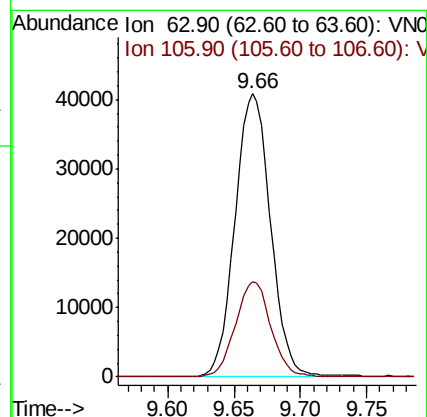
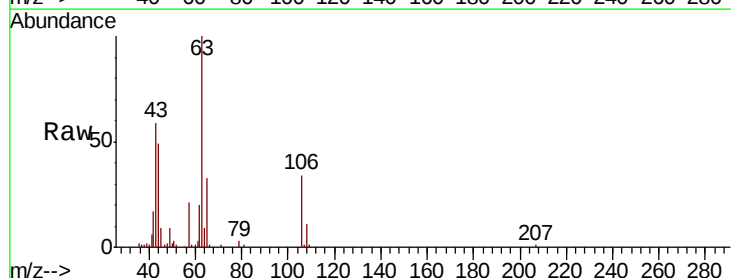
Acq: 28 May 2020 18:09

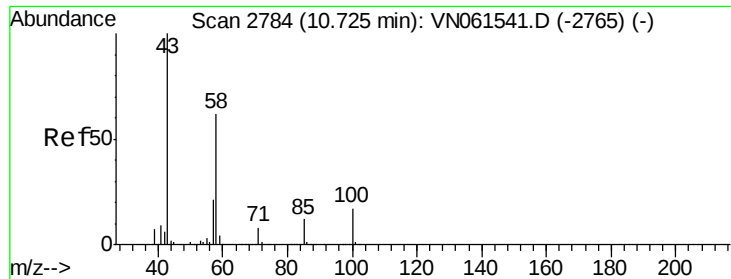
Tgt Ion: 63 Resp: 76120

Ion Ratio Lower Upper

63 100

106 33.3 25.9 38.9

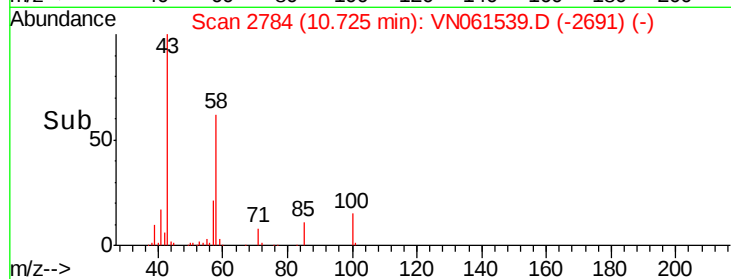
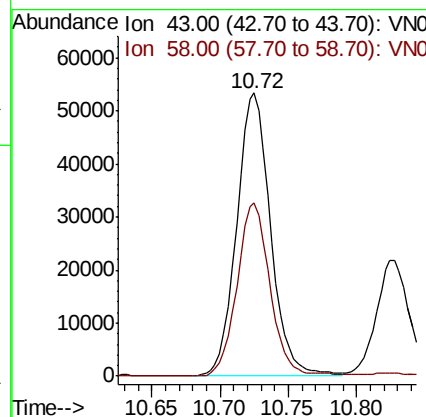
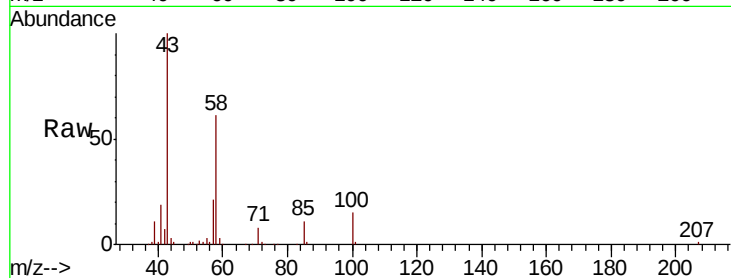




#59
2-Hexanone
Concen: 24.480 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

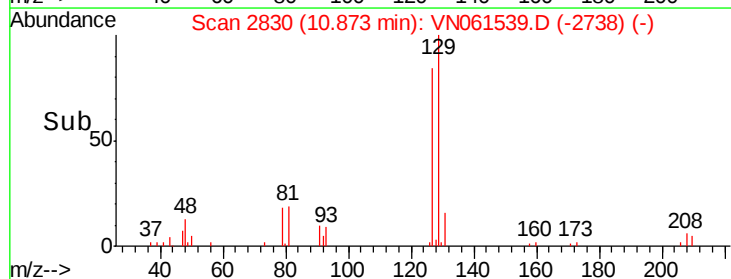
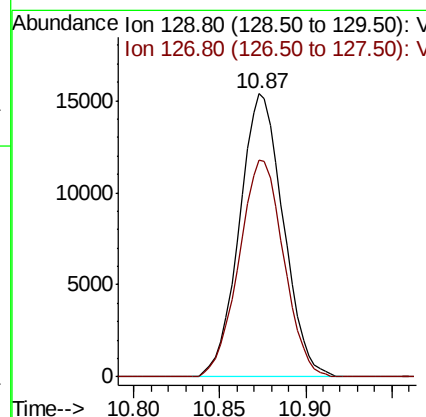
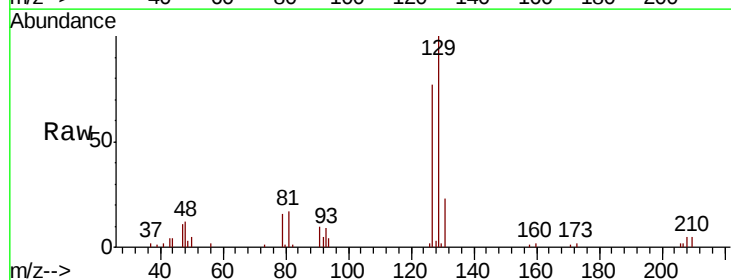
Instrument :
MSVOA_N
ClientSampleId :

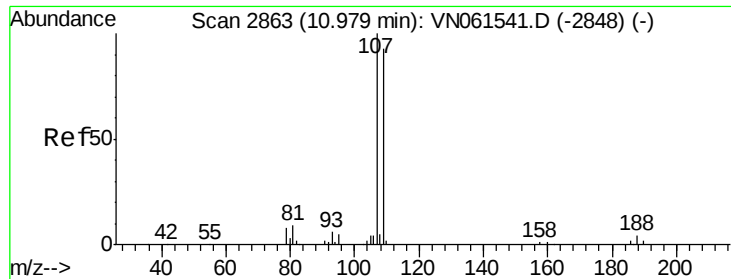
Tot Ion: 43 Resp: 91127
Ion Ratio Lower Upper
43 100
58 59.7 30.7 92.1



#60
Dibromochloromethane
Concen: 5.502 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 129 Resp: 27270
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 5.541 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

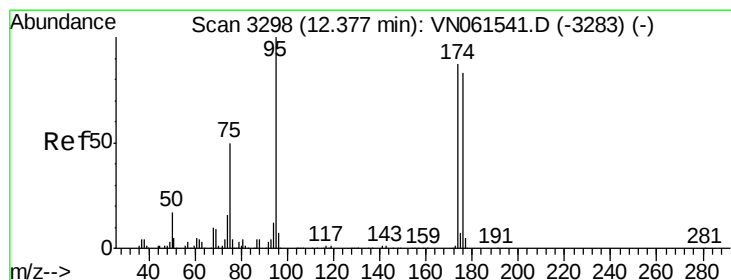
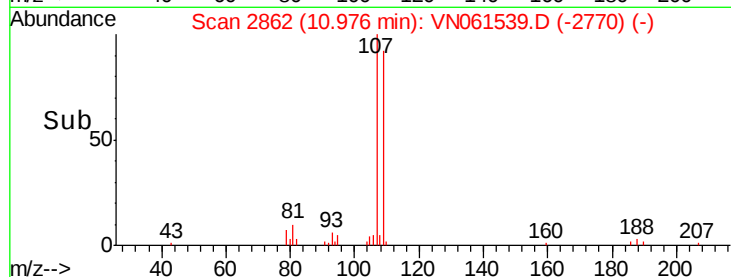
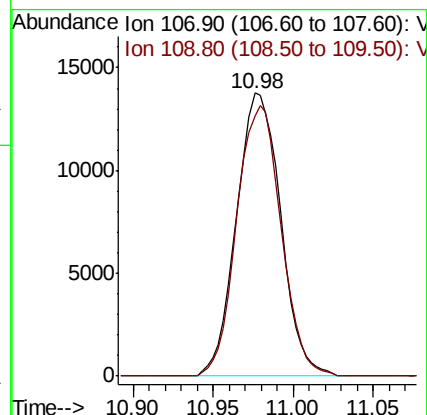
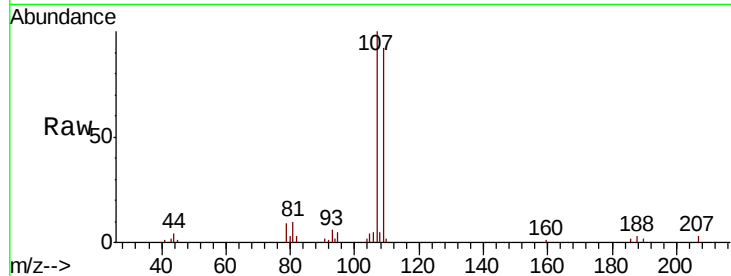
ClientSampleId :

Tot Ion:107 Resp: 25967

Ion Ratio Lower Upper

107 100

109 95.9 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 4.486 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

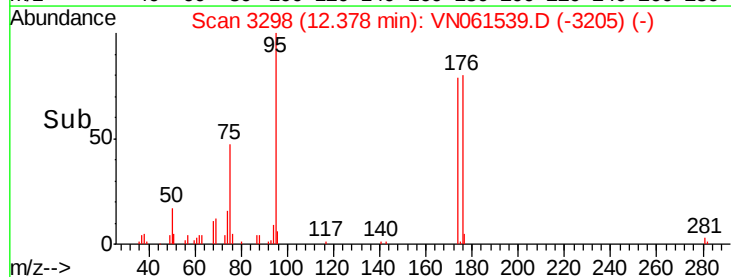
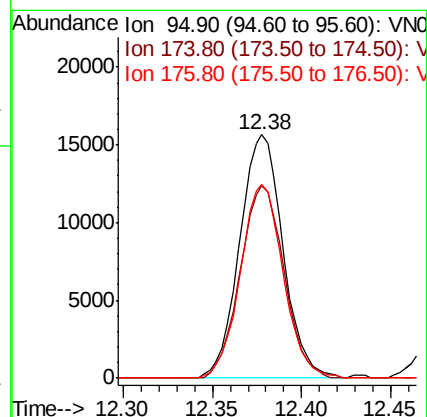
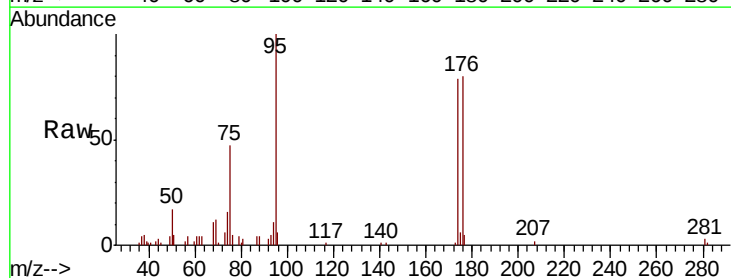
Tgt Ion: 95 Resp: 26401

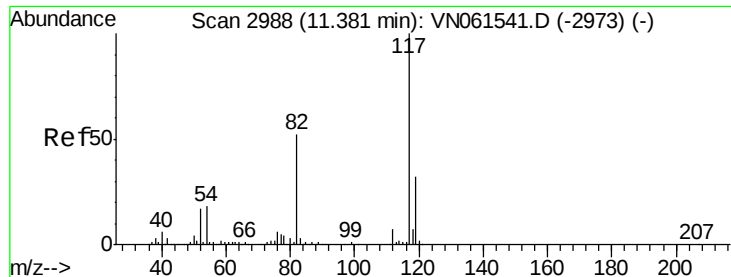
Ion Ratio Lower Upper

95 100

174 79.9 0.0 172.8

176 79.1 0.0 164.8

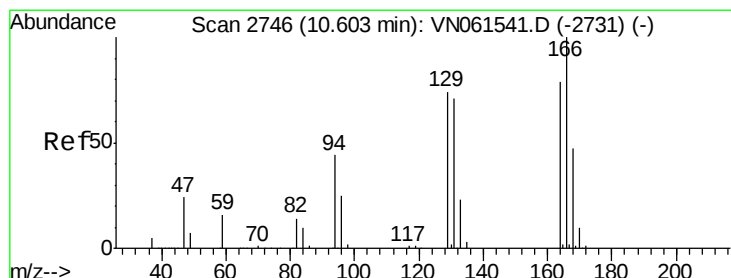
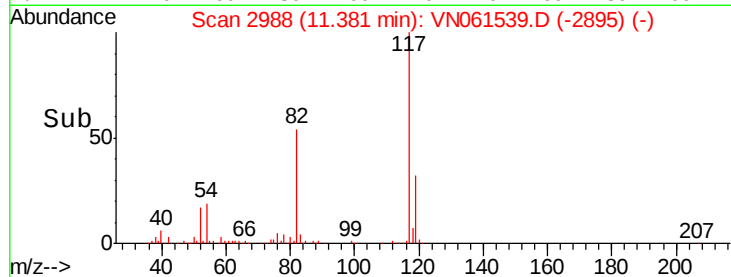
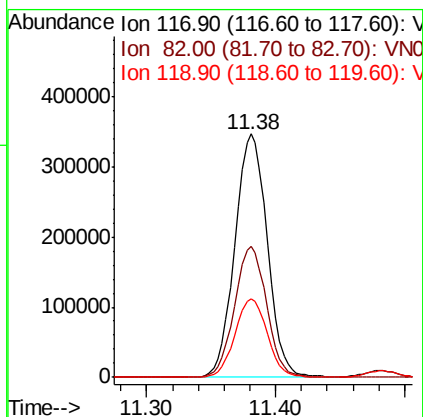
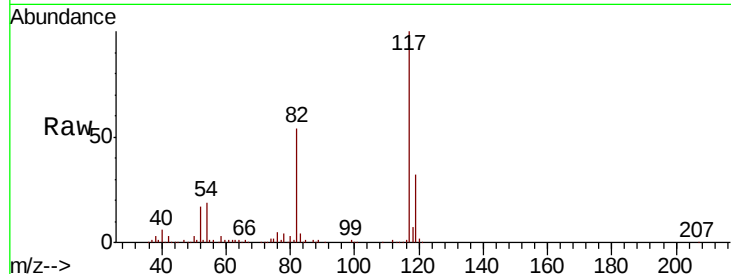




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

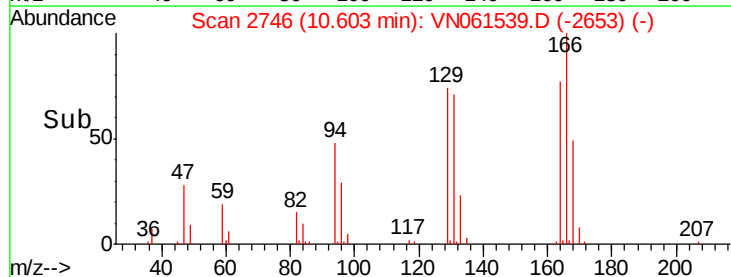
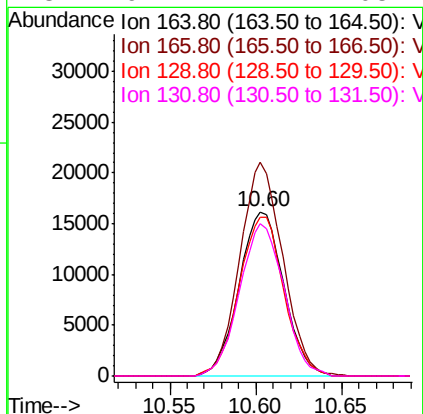
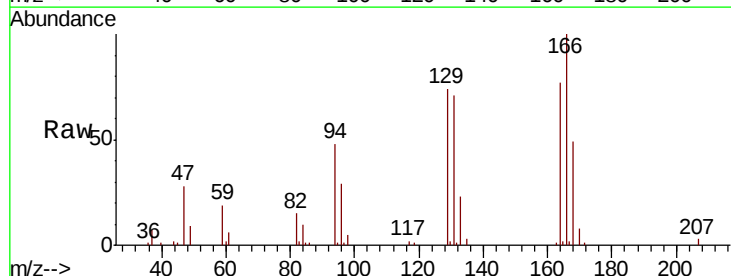
Instrument :
MSVOA_N
ClientSampled :

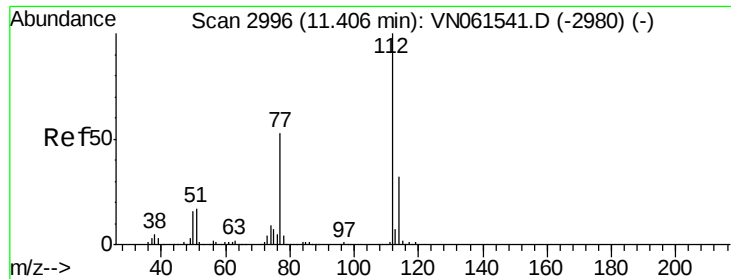
Tot Ion:117 Resp: 605850
Ion Ratio Lower Upper
117 100
82 53.6 41.5 62.3
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 6.034 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:164 Resp: 29171
Ion Ratio Lower Upper
164 100
166 130.0 101.5 152.3
129 96.7 74.9 112.3
131 92.7 72.2 108.2

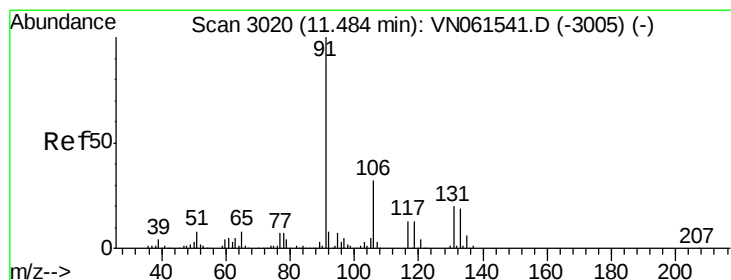
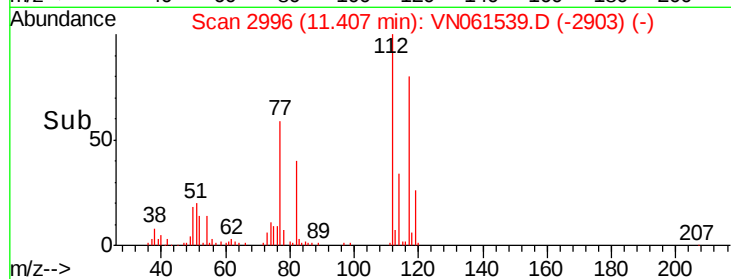
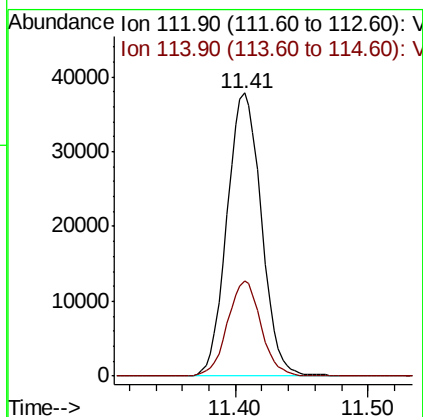
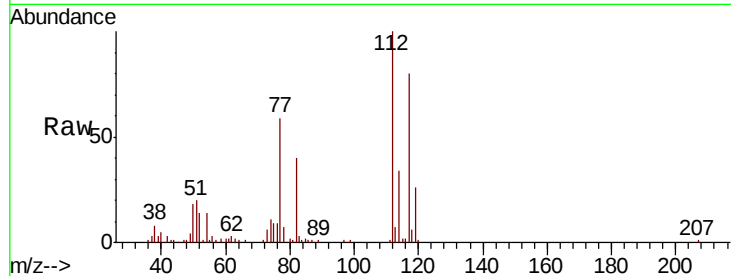




#65
Chlorobenzene
Concen: 5.530 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

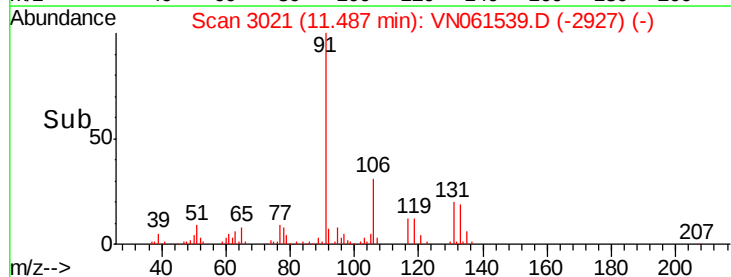
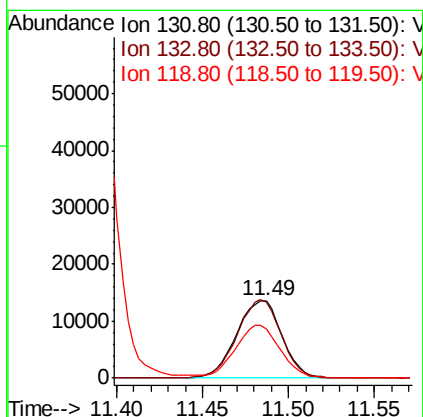
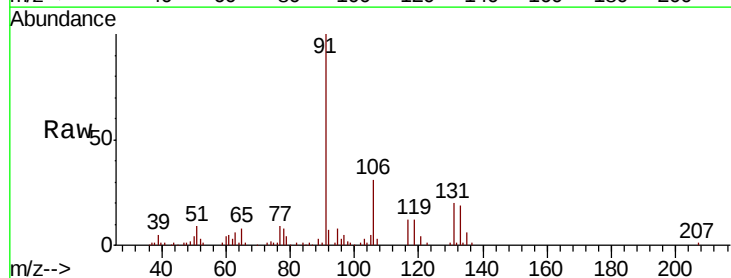
Instrument :
MSVOA_N
ClientSampleId :

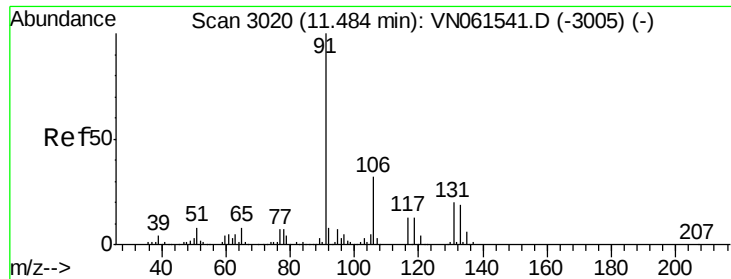
Tot Ion:112 Resp: 68126
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.599 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:131 Resp: 24885
Ion Ratio Lower Upper
131 100
133 98.1 47.4 142.2
119 67.9 32.6 97.8

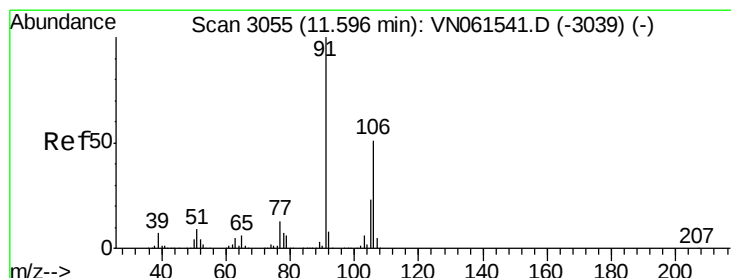
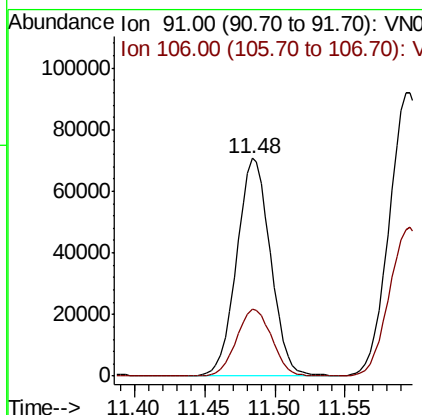
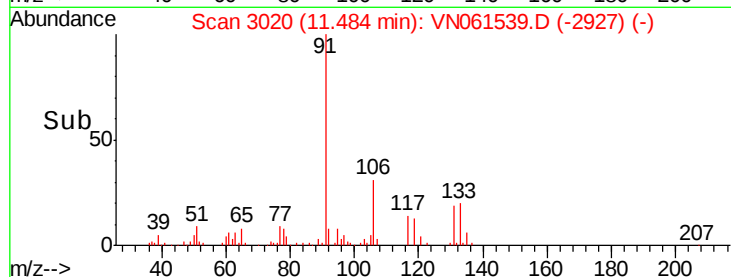
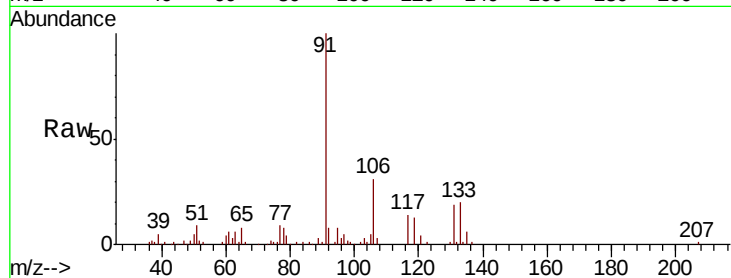




#67
Ethyl Benzene
Concen: 5.363 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

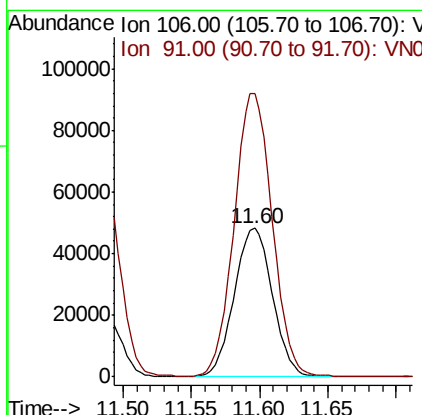
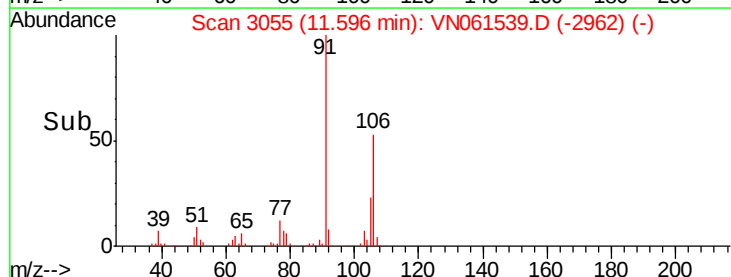
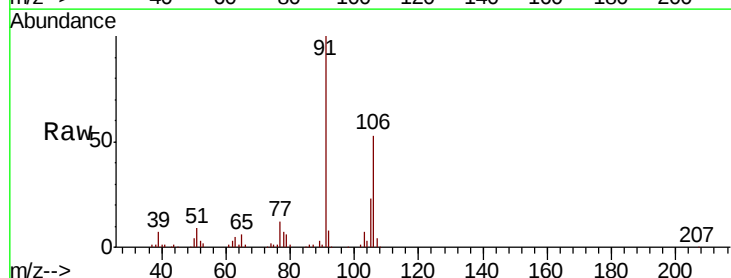
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 119138
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 11.043 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 106 Resp: 93762
Ion Ratio Lower Upper
106 100
91 189.2 156.2 234.4

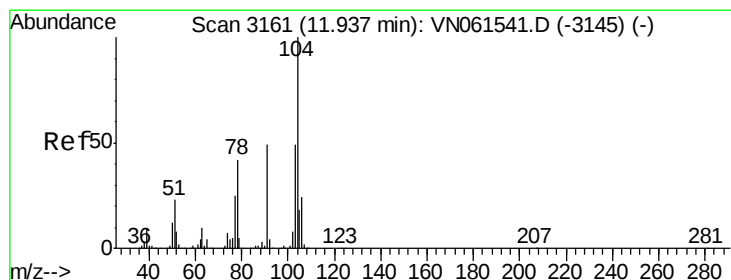
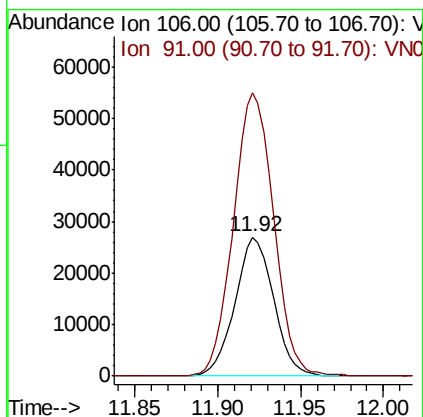
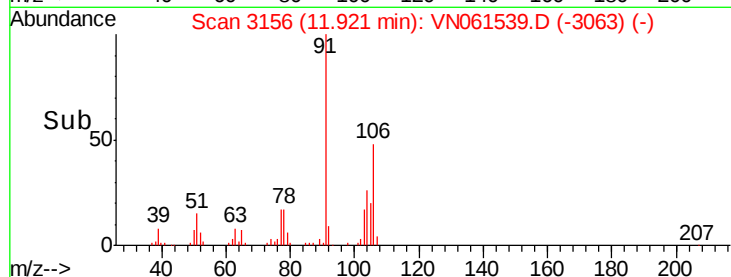
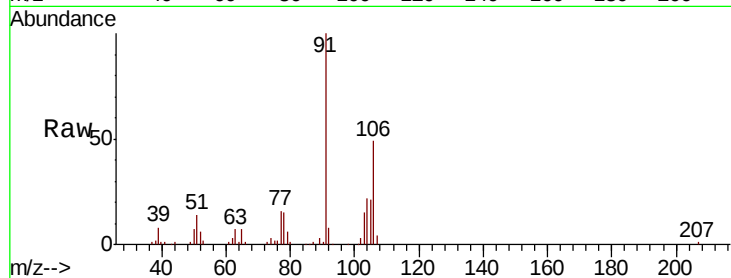




#69
o-Xylene
Concen: 5.326 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

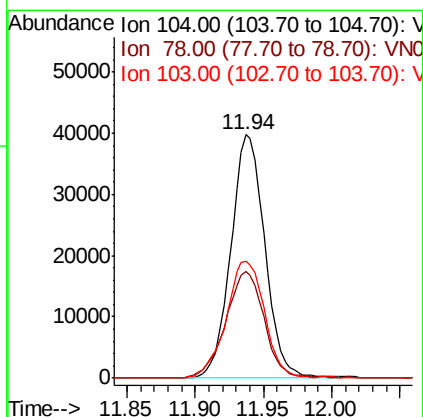
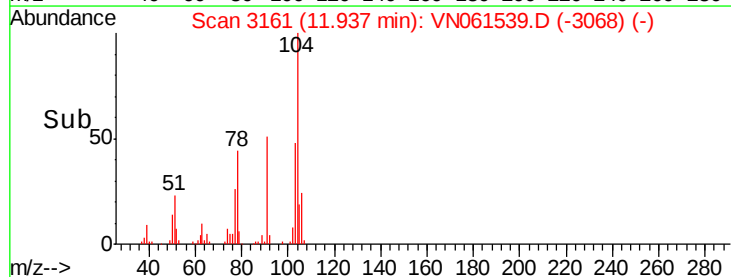
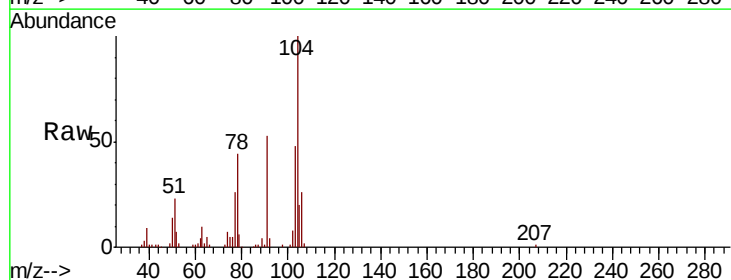
Instrument :
MSVOA_N
ClientSampled :

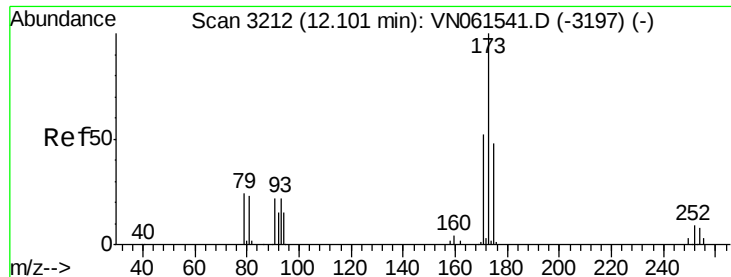
Tot Ion:106 Resp: 43768
Ion Ratio Lower Upper
106 100
91 213.0 103.3 309.8



#70
Styrene
Concen: 5.067 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:104 Resp: 68825
Ion Ratio Lower Upper
104 100
78 49.4 37.4 56.0
103 54.0 42.3 63.5

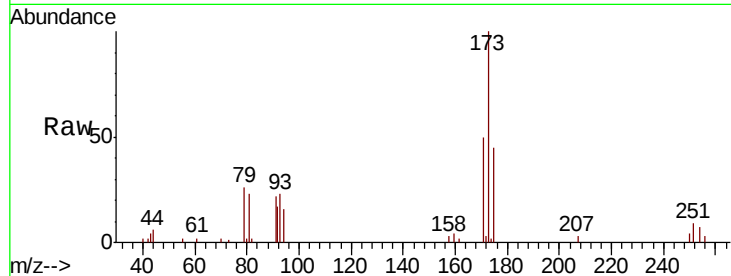




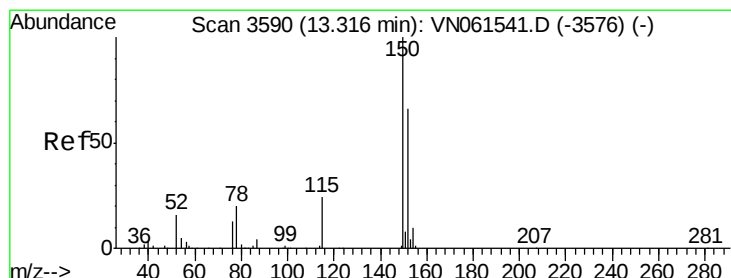
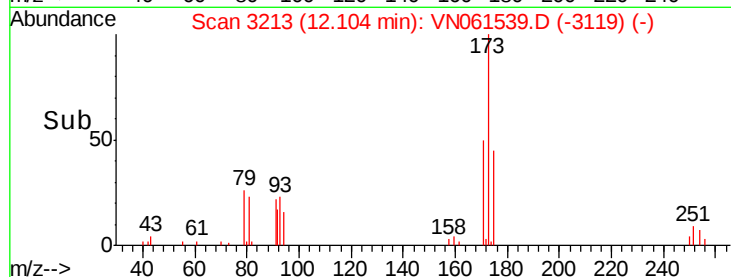
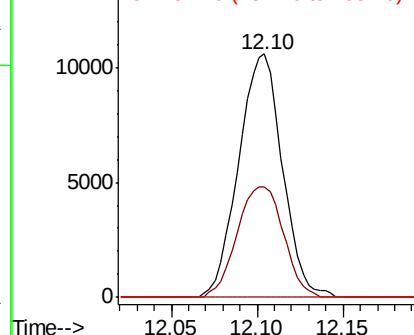
#71
Bromoform
Concen: 5.898 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 18746
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.2
254 0.0 0.0 0.0

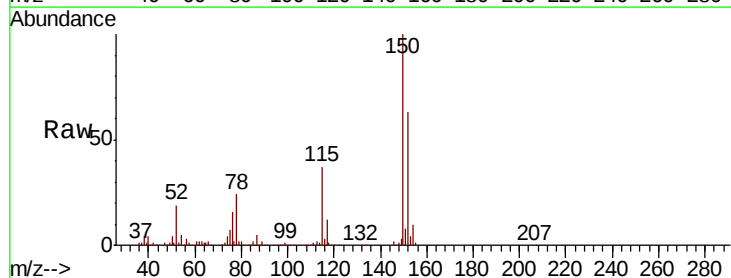


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

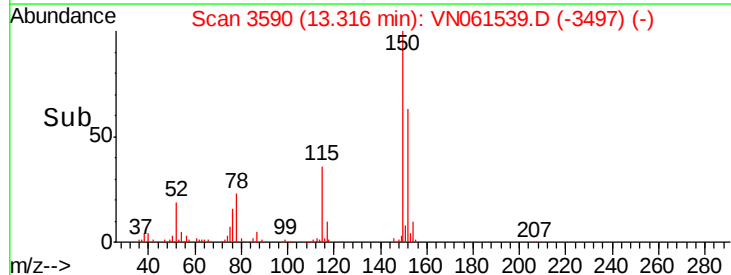
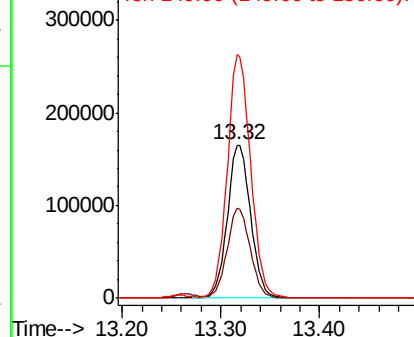


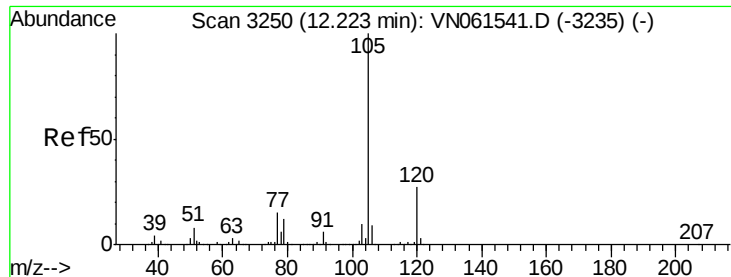
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:152 Resp: 271941
Ion Ratio Lower Upper
152 100
115 58.3 28.0 84.0
150 159.5 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: 5.402 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

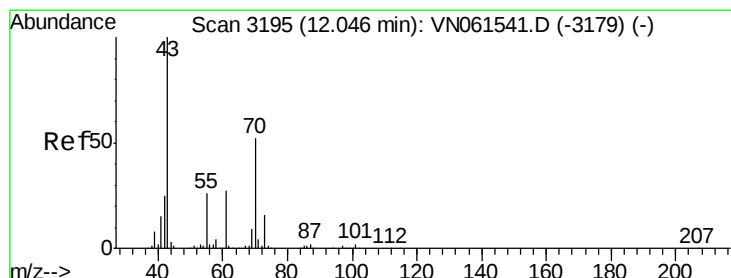
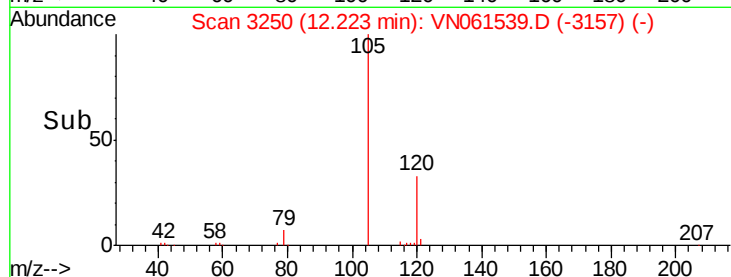
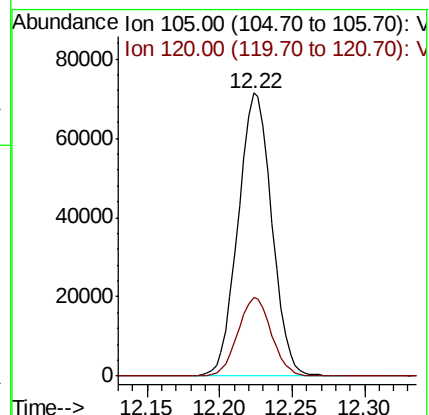
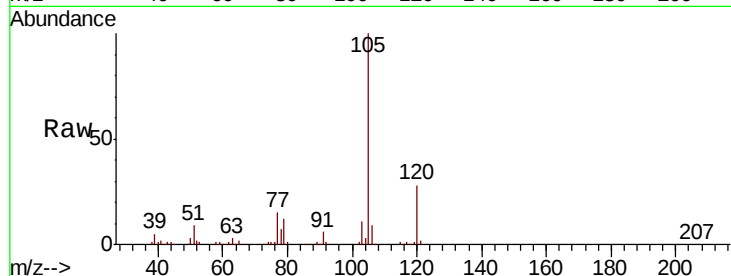
ClientSampleId :

Tot Ion:105 Resp: 115448

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



#74

N-ethyl acetate

Concen: 4.697 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Tgt Ion: 43 Resp: 36146

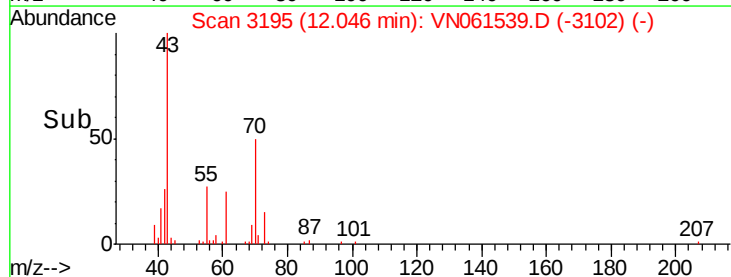
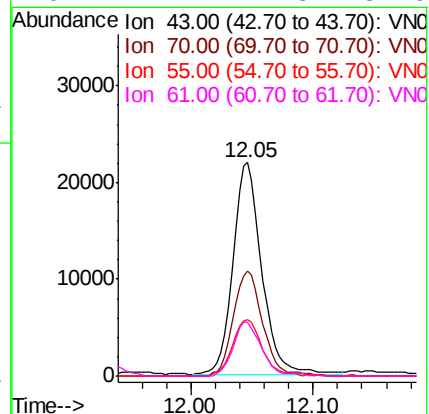
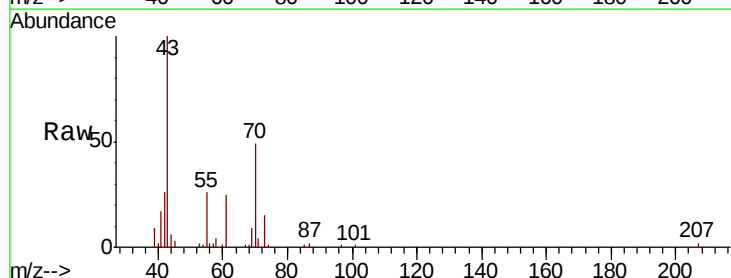
Ion Ratio Lower Upper

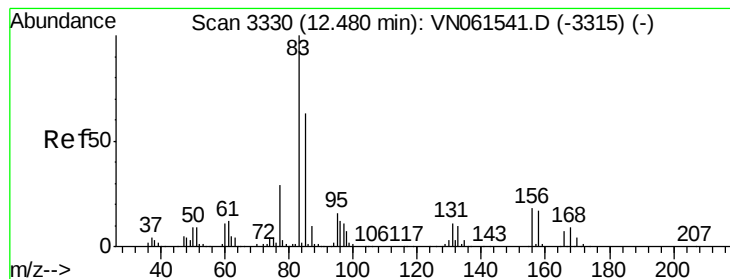
43 100

70 50.7 40.5 60.7

55 26.9 20.6 31.0

61 24.4 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.567 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampled :

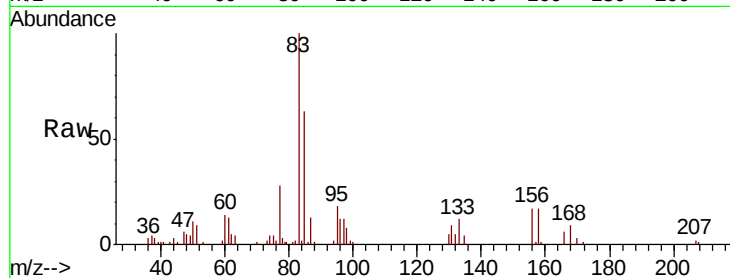
Tot Ion: 83 Resp: 32755

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.5

85 65.3 32.1 96.3

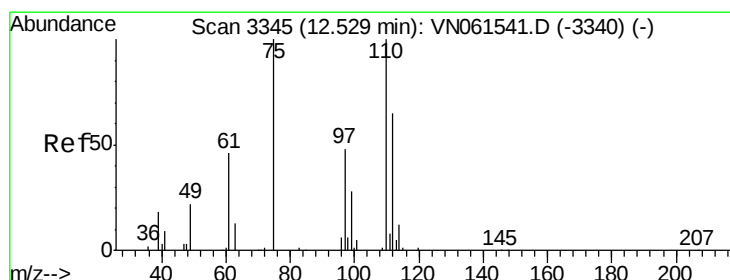
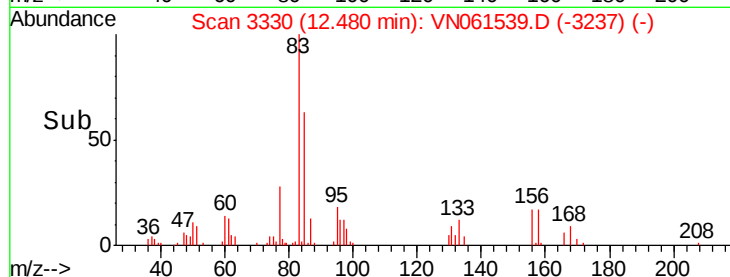


Abundance Ion 82.90 (82.60 to 83.60): VN061539.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061539.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061539.D (-3237) (-)

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 7.648 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061539.D

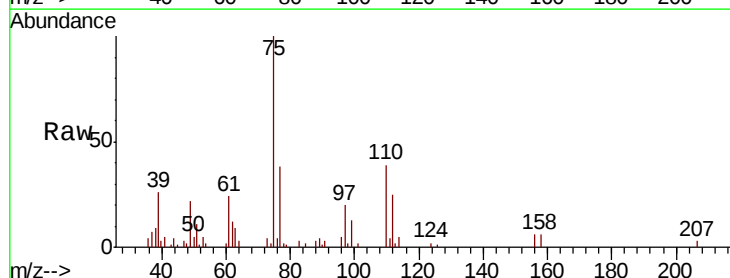
Acq: 28 May 2020 18:09

Tgt Ion: 75 Resp: 43295

Ion Ratio Lower Upper

75 100

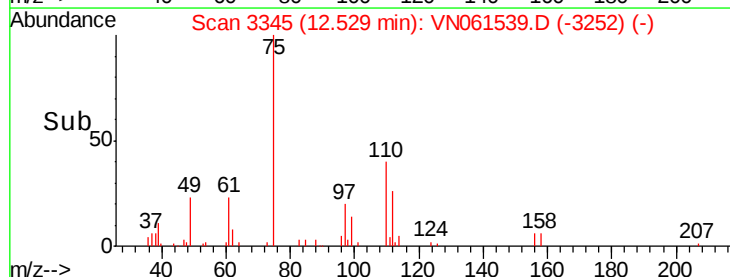
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061539.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061539.D (-3252) (-)

Time--> 12.50 12.55 12.60





#77

Bromobenzene

Concen: 5.830 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampled :

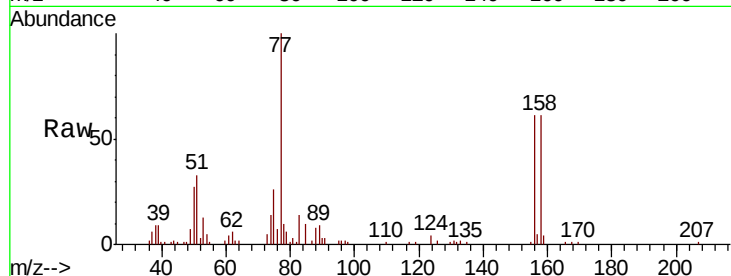
Tot Ion:156 Resp: 27772

Ion Ratio Lower Upper

156 100

77 198.9 90.9 272.7

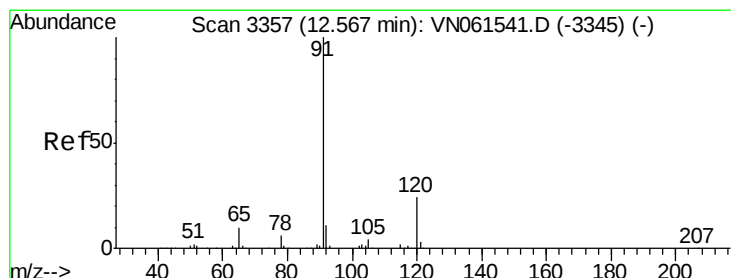
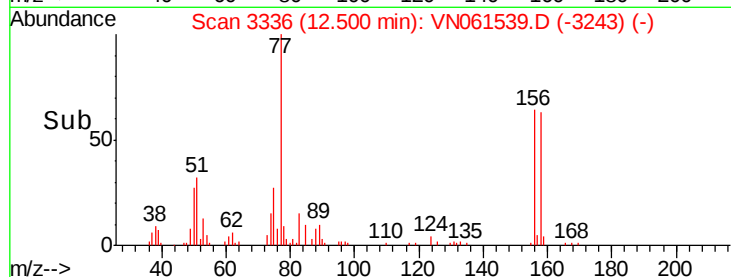
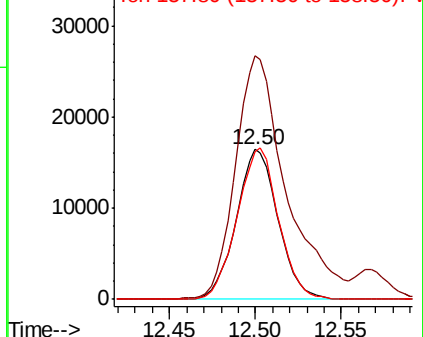
158 100.1 48.4 145.3



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: 5.195 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061539.D

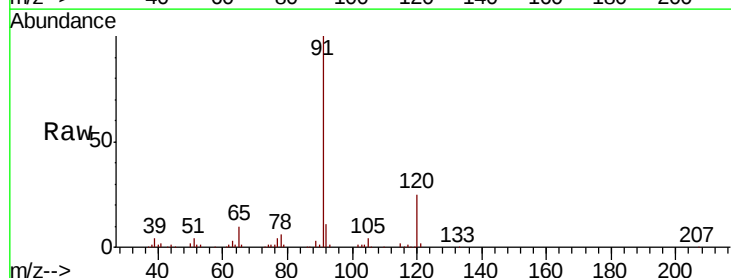
Acq: 28 May 2020 18:09

Tgt Ion: 91 Resp: 125750

Ion Ratio Lower Upper

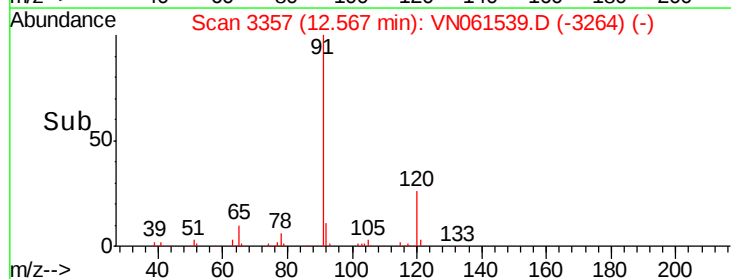
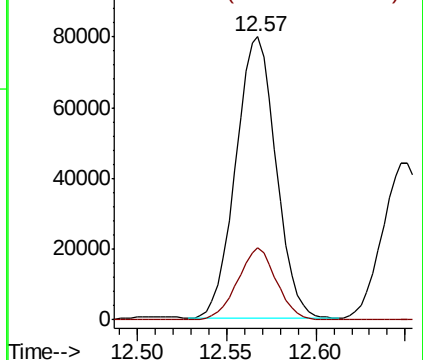
91 100

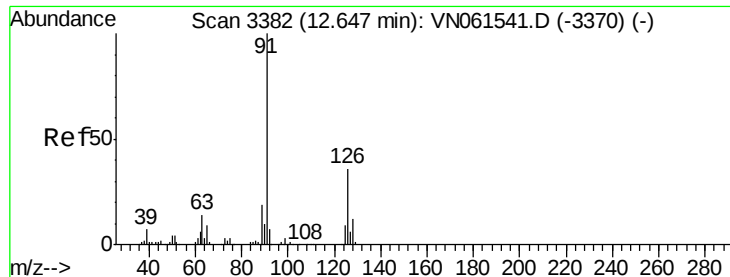
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.218 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

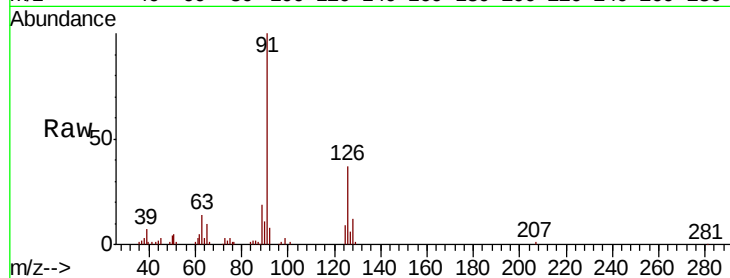
ClientSampleId :

Tot Ion: 91 Resp: 74928

Ion Ratio Lower Upper

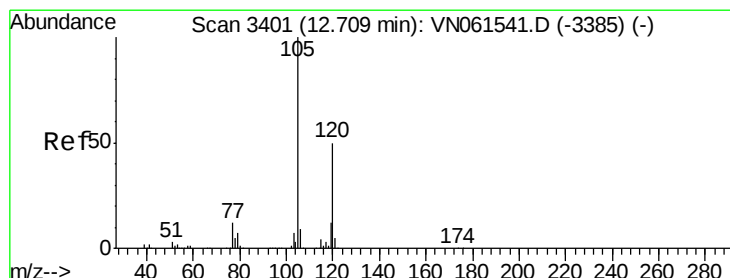
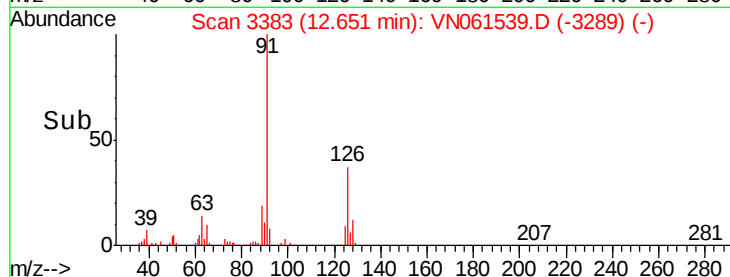
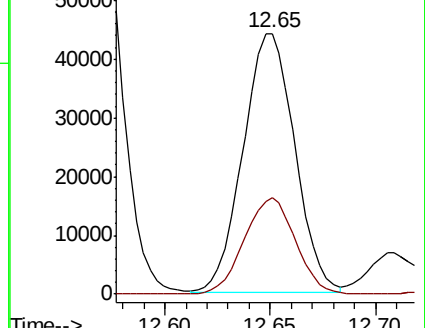
91 100

126 36.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061539.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN061539.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.409 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061539.D

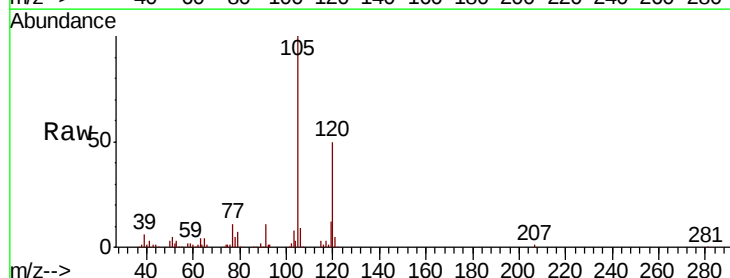
Acq: 28 May 2020 18:09

Tgt Ion: 105 Resp: 94720

Ion Ratio Lower Upper

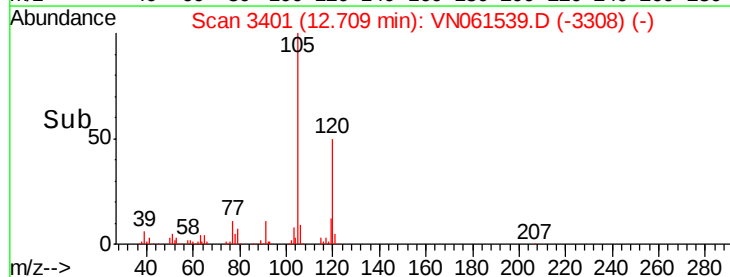
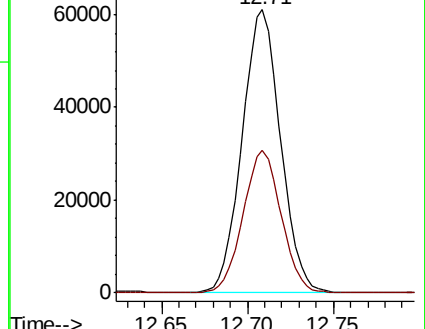
105 100

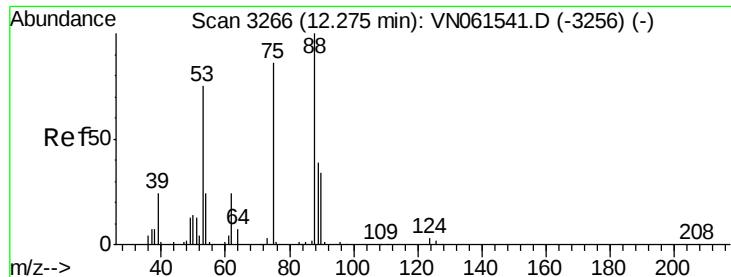
120 49.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061539.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061539.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.886 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

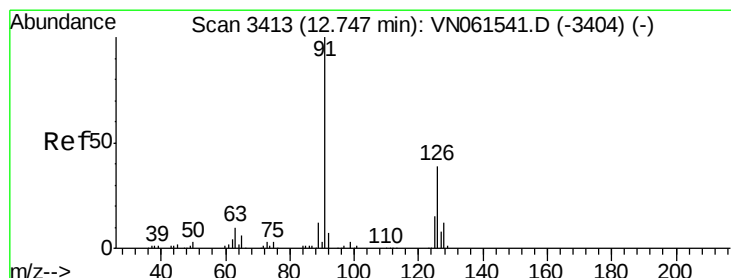
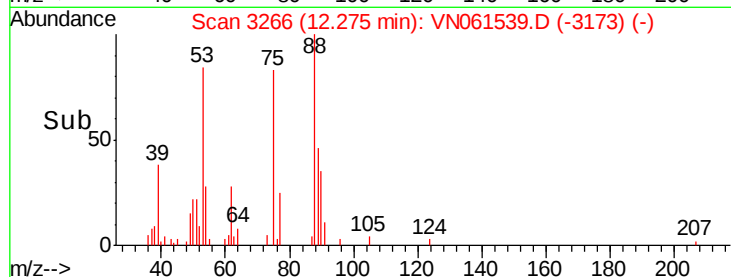
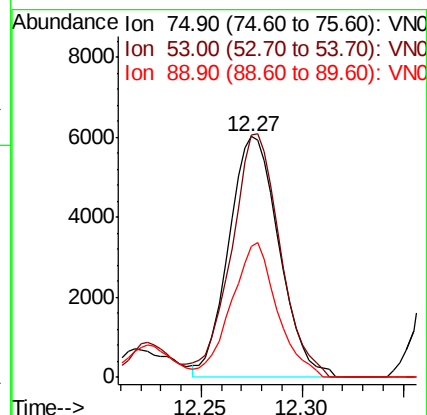
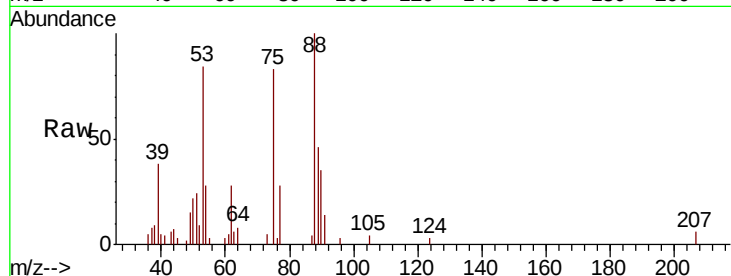
Tot Ion: 75 Resp: 10511

Ion Ratio Lower Upper

75 100

53 98.0 67.8 101.8

89 51.0 37.1 55.7



#82

4-Chlorotoluene

Concen: 5.245 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061539.D

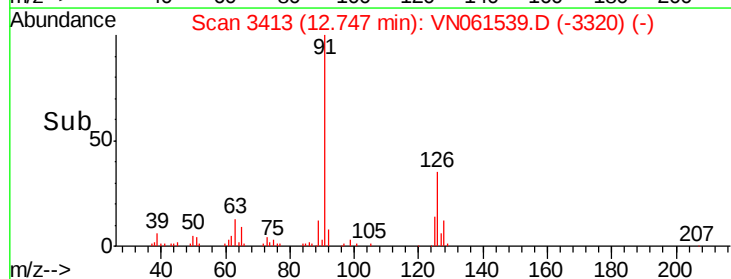
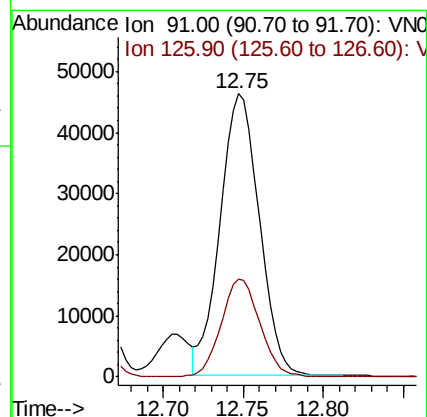
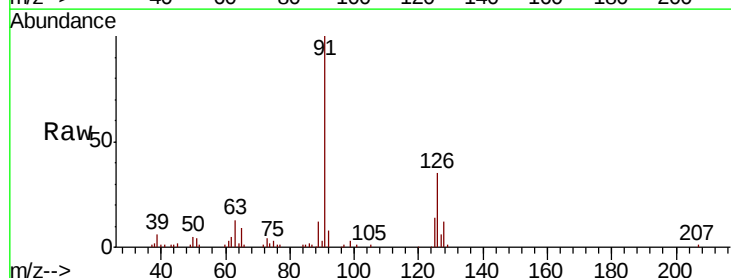
Acq: 28 May 2020 18:09

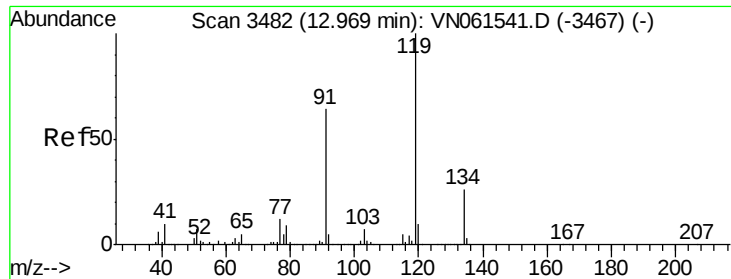
Tgt Ion: 91 Resp: 77961

Ion Ratio Lower Upper

91 100

126 34.1 17.5 52.6

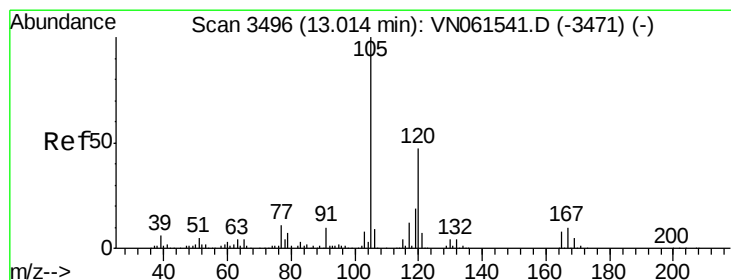
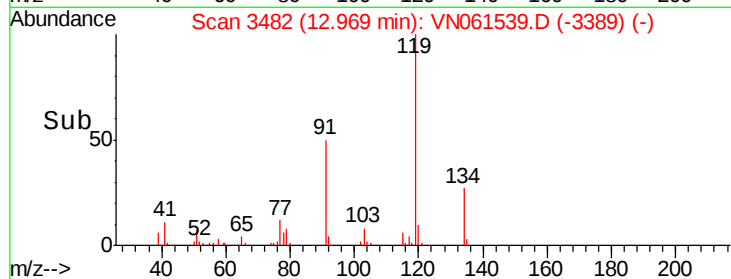
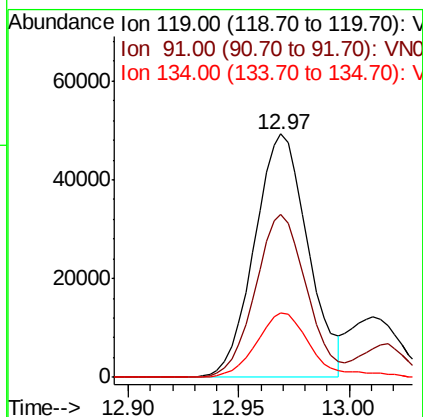
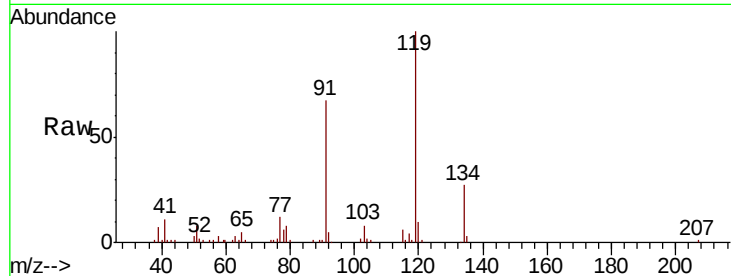




#83
tert-Butylbenzene
Concen: 5.515 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

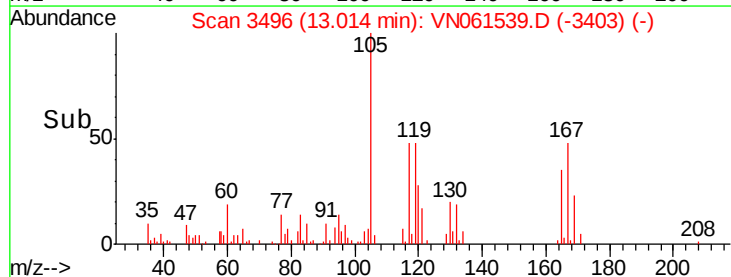
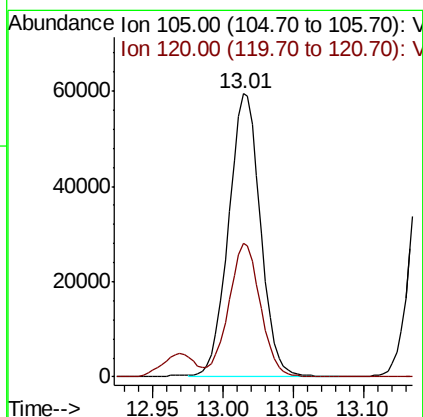
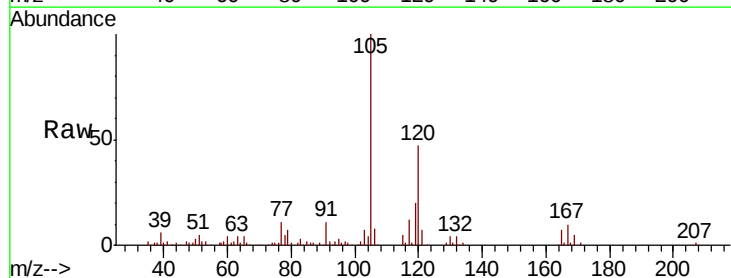
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 82967
Ion Ratio Lower Upper
119 100
91 64.4 31.3 93.8
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 5.376 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:105 Resp: 94194
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 5.378 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

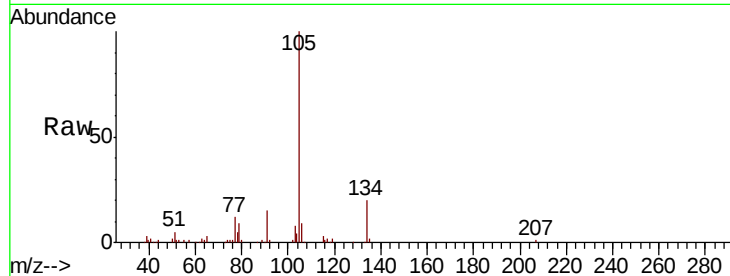
ClientSampled :

Tot Ion:105 Resp: 108669

Ion Ratio Lower Upper

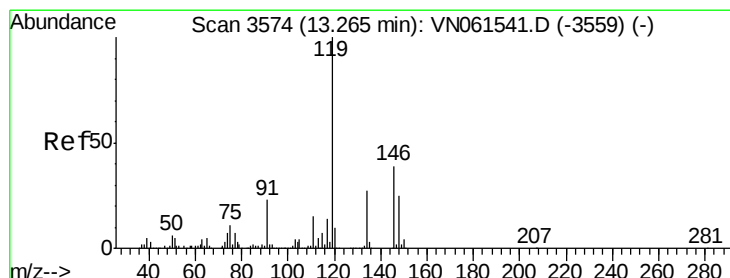
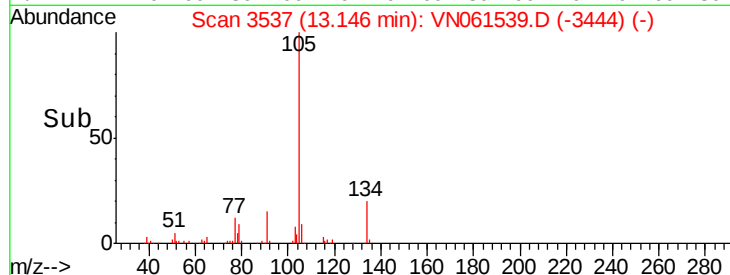
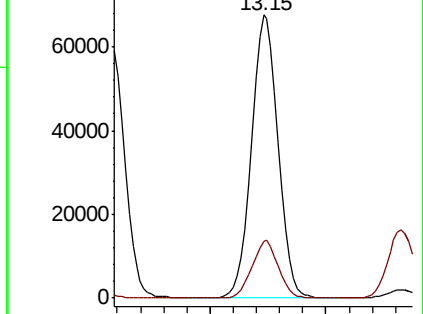
105 100

134 20.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.478 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

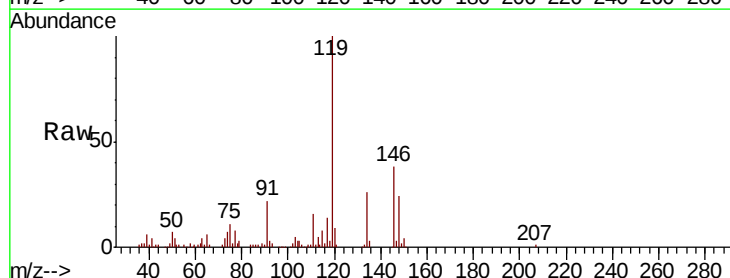
Tgt Ion:119 Resp: 98885

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.5

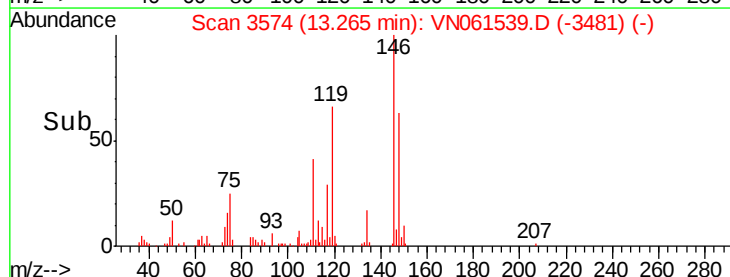
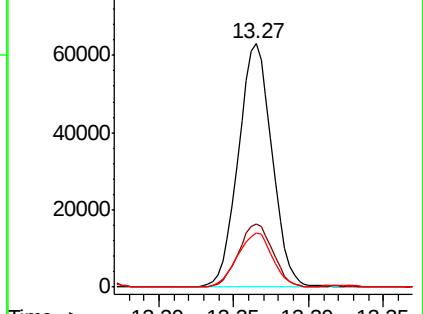
91 23.2 11.4 34.1

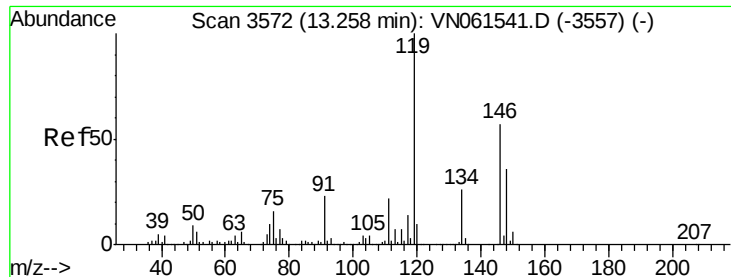


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.797 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

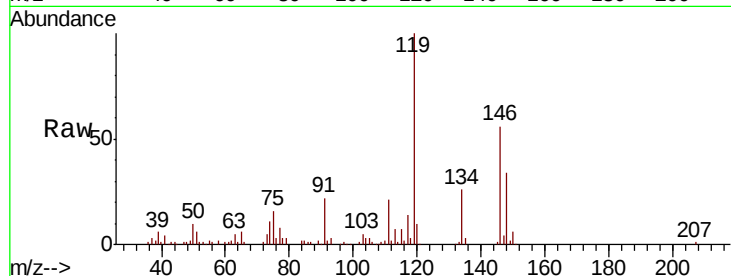
Tot Ion:146 Resp: 50133

Ion Ratio Lower Upper

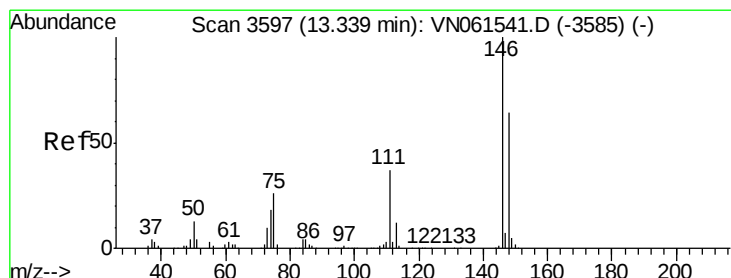
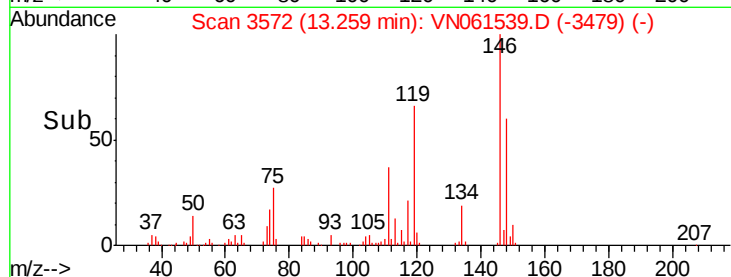
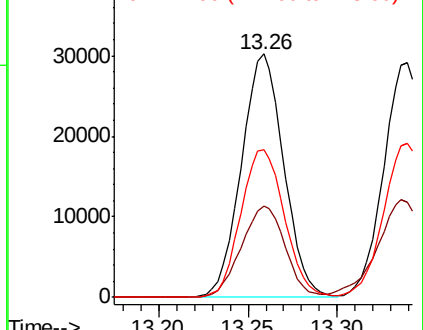
146 100

111 38.7 19.2 57.6

148 62.4 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 5.716 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

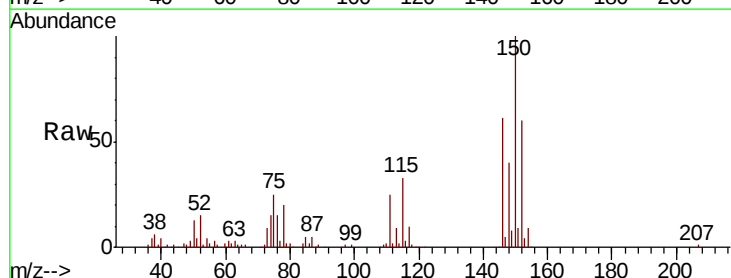
Tgt Ion:146 Resp: 49490

Ion Ratio Lower Upper

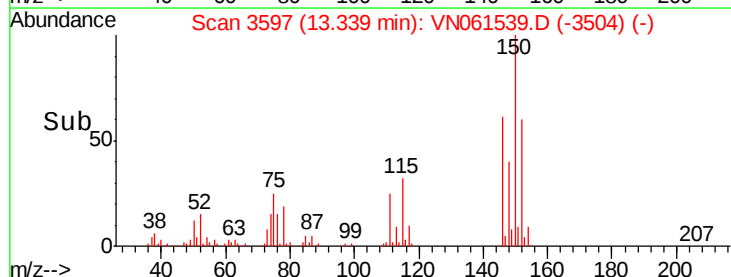
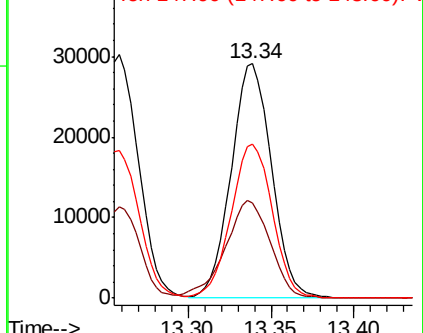
146 100

111 46.3 18.9 56.9

148 67.4 31.8 95.3



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





#89

n-Butylbenzene

Concen: 4.991 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

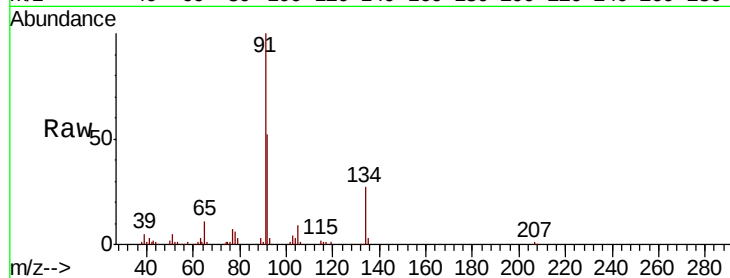
Tot Ion: 91 Resp: 80777

Ion Ratio Lower Upper

91 100

92 51.6 27.2 81.6

134 27.0 14.0 42.0

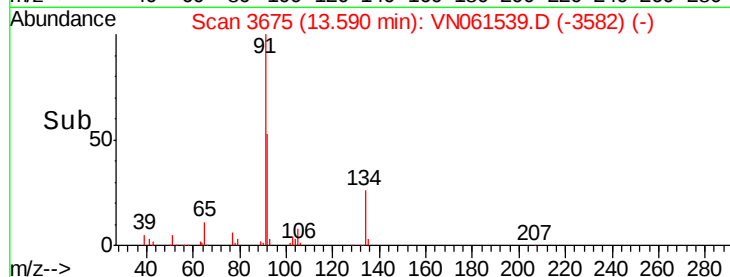


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

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

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

Time-->

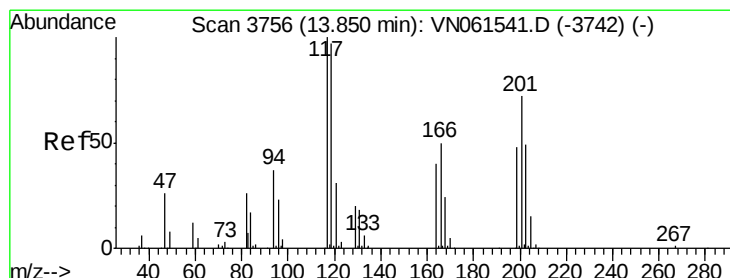


Abundance Ion 91.00 (90.70 to 91.70): VN061539.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061539.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061539.D (-3582) (-)

Time-->



#90

Hexachloroethane

Concen: 4.838 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061539.D

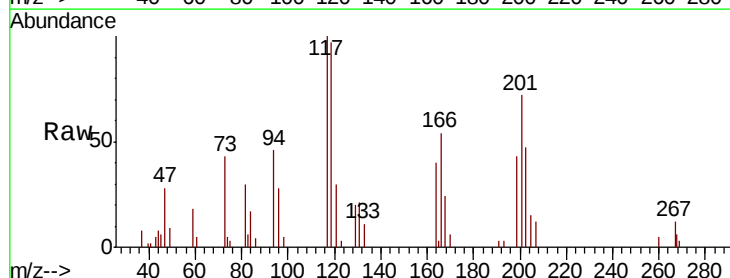
Acq: 28 May 2020 18:09

Tgt Ion: 117 Resp: 11386

Ion Ratio Lower Upper

117 100

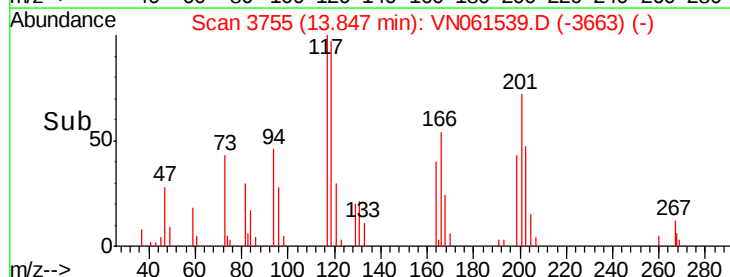
201 72.0 36.7 110.1



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

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

Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN061539.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061539.D (-3663) (-)

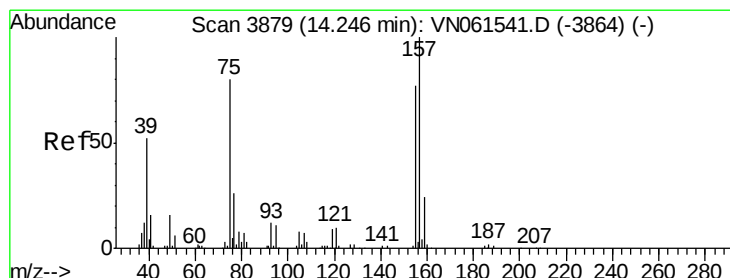
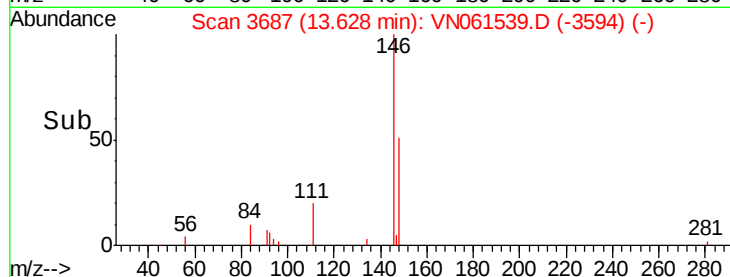
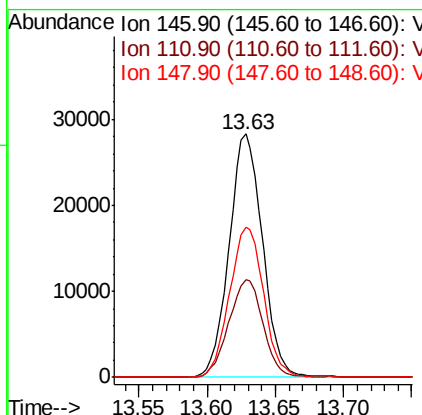
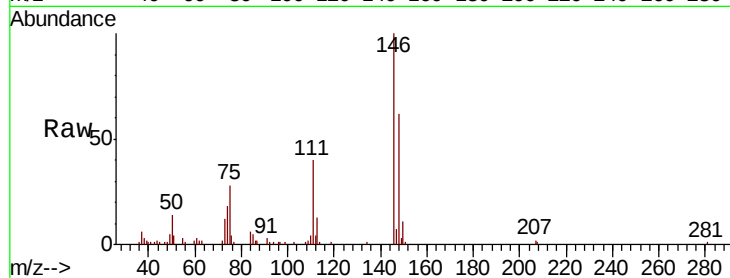
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 5.817 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

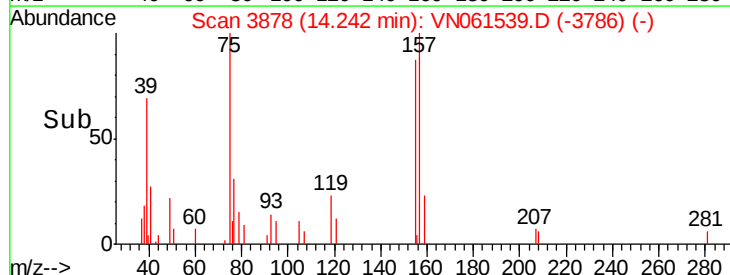
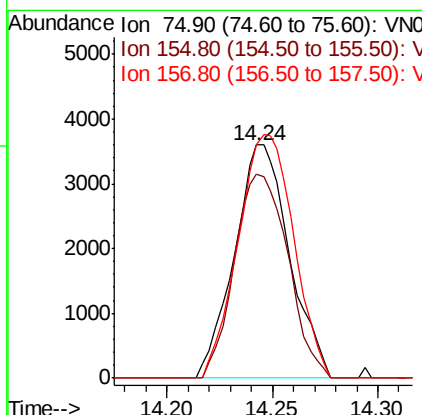
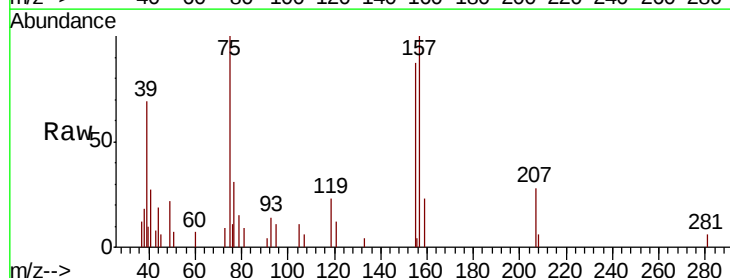
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.1	60.2
148	62.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.481 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	47.1	141.4
157	105.6	60.3	180.8

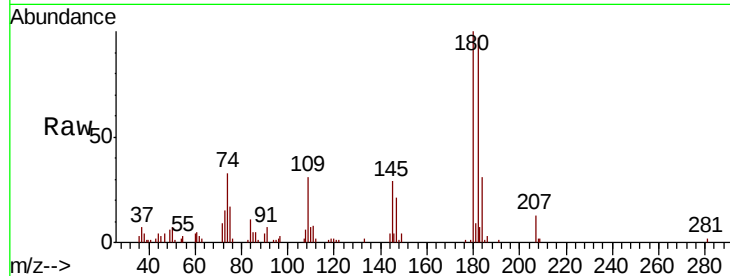




#93
 1,2,4-Trichlorobenzene
 Concen: 5.347 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.8	143.3
145	31.0	15.5	46.5

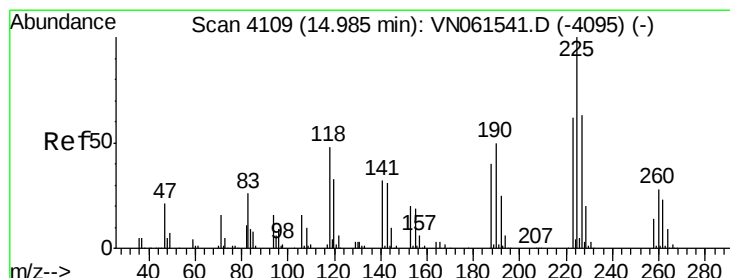
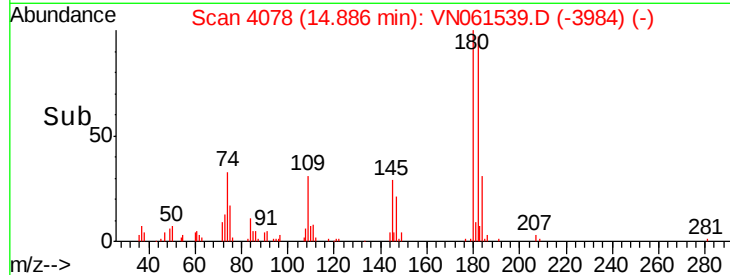
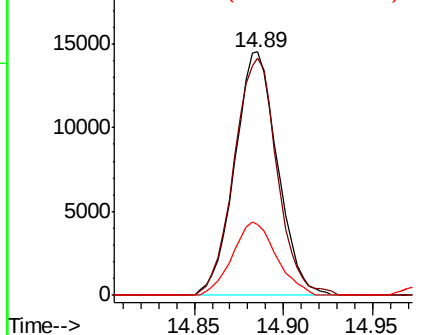


Abundance

Ion 179.80 (179.50 to 180.50): V

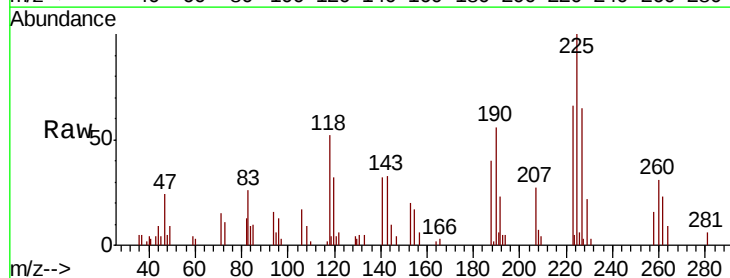
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 6.006 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.9	95.5
227	61.0	31.9	95.9

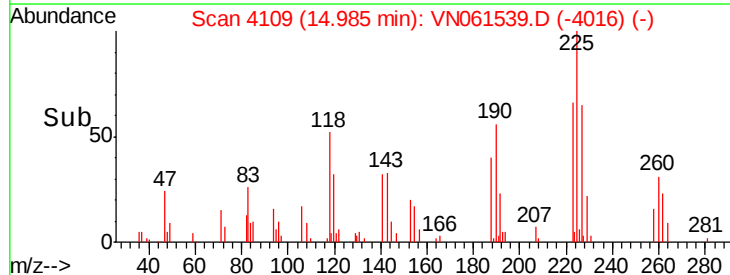
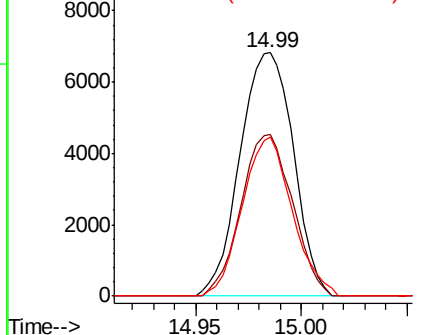


Abundance

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: 5.229 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampled :

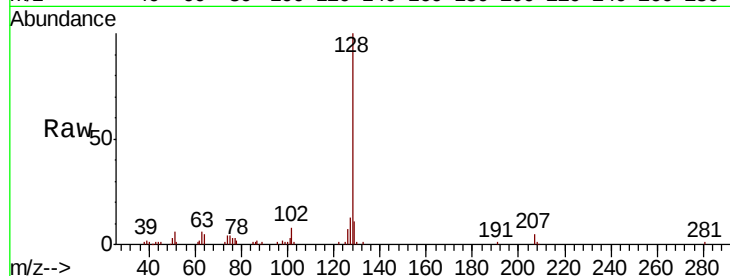
Tot Ion:128 Resp: 75240

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.7 8.5 12.7

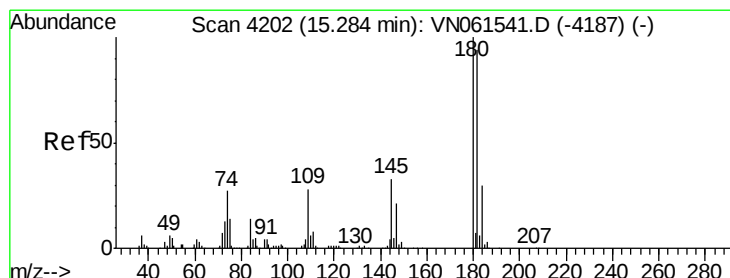
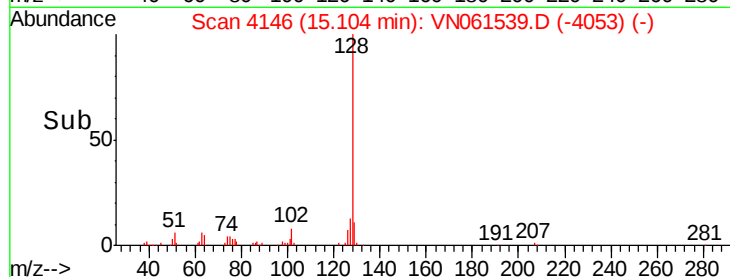
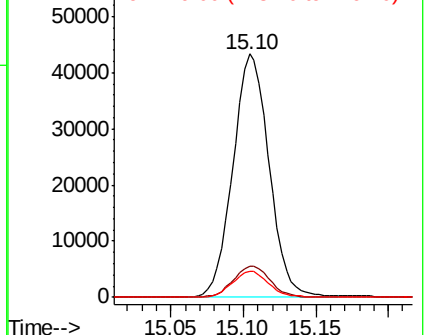


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.330 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

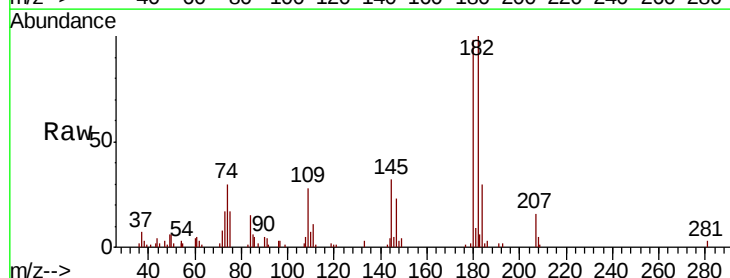
Tgt Ion:180 Resp: 24173

Ion Ratio Lower Upper

180 100

182 98.2 47.1 141.3

145 34.5 16.3 48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

