

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061176.D
 Acq On : 28 Apr 2020 20:18
 Operator : JC/MD
 Sample : L2414-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Quant Time: Apr 29 09:26:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84067	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	80419	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.55	113	52923	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	217815	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.38	95	83311	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	55564	52.774	ug/l	100
3) Chloromethane	2.03	50	64775	50.798	ug/l	100
4) Vinyl Chloride	2.16	62	184933	127.688	ug/l	100
5) Bromomethane	2.54	94	35214	49.187	ug/l	100
6) Chloroethane	2.67	64	45918	50.020	ug/l	96
7) Trichlorofluoromethane	2.99	101	89764	54.935	ug/l	99
8) Diethyl Ether	3.37	74	36177	53.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54848	52.103	ug/l	100
10) Methyl Iodide	3.91	142	70025	51.761	ug/l	100
11) Tert butyl alcohol	4.72	59	42120	200.142	ug/l #	83
12) 1,1-Dichloroethene	3.70	96	55360	52.847	ug/l	99
13) Acrolein	3.57	56	31504	224.635	ug/l	99
14) Allyl chloride	4.28	41	106793	54.981	ug/l	96
15) Acrylonitrile	4.93	53	159119	246.303	ug/l	98
16) Acetone	3.77	43	146596	241.077	ug/l	100
17) Carbon Disulfide	4.01	76	150762	52.100	ug/l	99
18) Methyl Acetate	4.27	43	87128	44.017	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	201931	50.447	ug/l #	86
20) Methylene Chloride	4.50	84	62480	51.003	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	63644	55.794	ug/l	97
22) Diisopropyl ether	5.90	45	230847	51.252	ug/l	100
23) Vinyl Acetate	5.84	43	909402	250.754	ug/l	100
24) 1,1-Dichloroethane	5.80	63	124369	52.848	ug/l	99
25) 2-Butanone	6.78	43	236549	254.456	ug/l #	89
26) 2,2-Dichloropropane	6.78	77	97715	49.296	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	1399851	1045.739	ug/l	89
28) Bromochloromethane	7.15	49	58492	52.439	ug/l	99
29) Tetrahydrofuran	7.17	42	153364	244.906	ug/l	100
30) Chloroform	7.33	83	122286	51.276	ug/l	97
31) Cyclohexane	7.62	56	117004	51.195	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	118157	56.896	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92430	52.650	ug/l	100
37) Ethyl Acetate	6.88	43	96198	46.741	ug/l #	81
38) Carbon Tetrachloride	7.73	117	81365	57.956	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	128161	61.059	ug/l	98
40) Benzene	8.00	78	268182	51.276	ug/l	100
41) Methacrylonitrile	7.12	41	39137	45.800	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	103696	52.335	ug/l	96
43) Isopropyl Acetate	8.12	43	218354	63.928	ug/l #	84
44) Trichloroethene	8.80	130	82226	58.156	ug/l	99
45) 1,2-Dichloropropane	9.08	63	71421	51.114	ug/l	99
46) Dibromomethane	9.17	93	46652	53.923	ug/l	99
47) Bromodichloromethane	9.37	83	100206	53.962	ug/l	100
48) Methyl methacrylate	9.17	41	79987	51.896	ug/l	98
49) 1,4-Dioxane	9.17	88	13007	743.439	ug/l #	87
51) 4-Methyl-2-Pentanone	9.95	43	510989	254.161	ug/l	100
52) Toluene	10.13	92	168177	53.384	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	109461	52.313	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	113459	51.290	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	68644m	54.628	ug/l	
56) Ethyl methacrylate	10.40	69	111284	50.777	ug/l	92
57) 1,3-Dichloropropane	10.68	76	115397	52.246	ug/l	100
59) 2-Hexanone	10.72	43	371750	254.158	ug/l	99
60) Dibromochloromethane	10.88	129	69851	53.076	ug/l	99
61) 1,2-Dibromoethane	10.98	107	67552	53.636	ug/l	100
64) Tetrachloroethene	10.60	164	78966	54.798	ug/l	99
65) Chlorobenzene	11.41	112	172727	52.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63848	54.051	ug/l	98
67) Ethyl Benzene	11.48	91	329503	53.332	ug/l	99
68) m/p-Xylenes	11.60	106	242464	107.216	ug/l	99
69) o-Xylene	11.92	106	114600	52.756	ug/l	98
70) Stvrene	11.94	104	196432	54.028	ug/l	100
71) Bromoform	12.10	173	47257	54.434	ug/l #	99
73) Isopropylbenzene	12.22	105	315749	51.091	ug/l	99
74) N-amyl acetate	12.04	43	151951	48.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	97326	50.505	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	85415m	48.193	ug/l	
77) Bromobenzene	12.50	156	71708	50.263	ug/l	99
78) n-propylbenzene	12.57	91	380069	51.849	ug/l	100
79) 2-Chlorotoluene	12.65	91	218243	50.653	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	266693	52.139	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	33273	47.674	ug/l	95
82) 4-Chlorotoluene	12.75	91	233071	51.325	ug/l	99
83) tert-Butylbenzene	12.97	119	230158	53.363	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	268189	50.891	ug/l	99
85) sec-Butylbenzene	13.15	105	317187	53.940	ug/l	99
86) p-Isopropyltoluene	13.26	119	274941	51.894	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	134389	51.169	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	134648	50.177	ug/l	100
89) n-Butylbenzene	13.59	91	260051	53.541	ug/l	99
90) Hexachloroethane	13.85	117	29179	52.374	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	128409	50.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20439	50.219	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	79217	51.658	ug/l	96

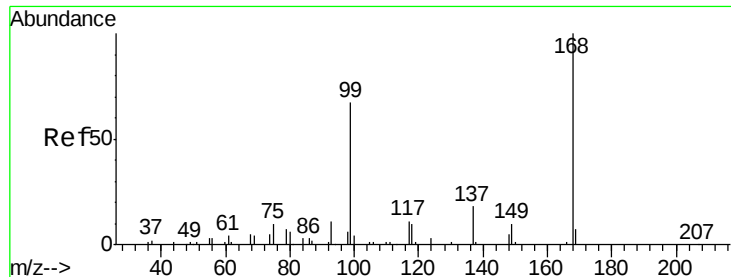
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	33135	51.722	ug/l	99
95) Naphthalene	15.10	128	252928	50.645	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	77536	51.212	ug/l	97

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

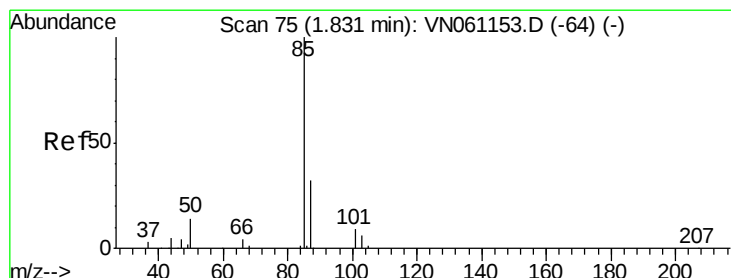
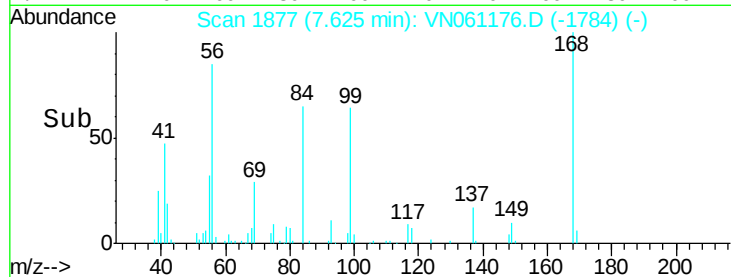
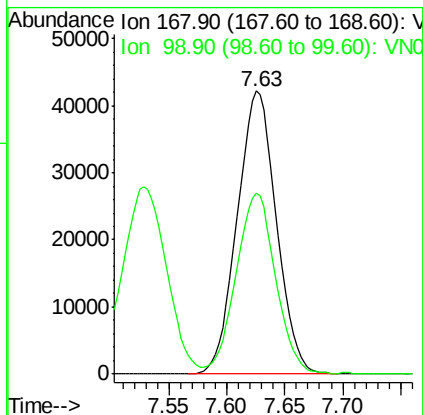
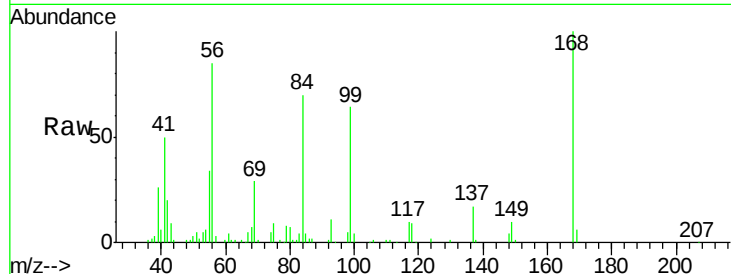


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Instrument :
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 ClientSampleId :
 ST006RW149-200422MS

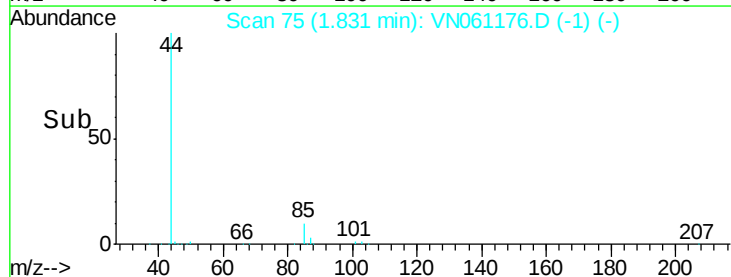
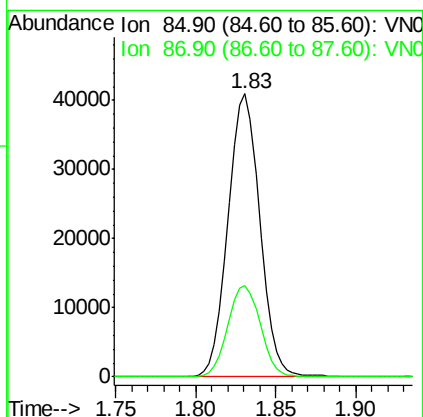
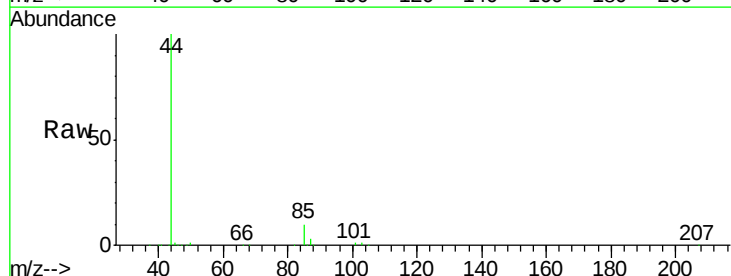
Tot Ion:168 Resp: 99287
 Ion Ratio Lower Upper
 168 100
 99 63.6 51.2 76.8

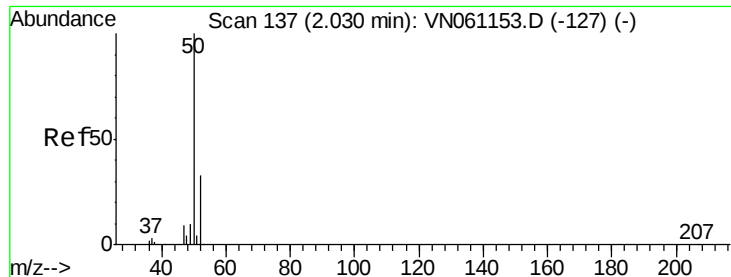


#2

Dichlorodifluoromethane
 Concen: 52.774 ug/l
 RT: 1.83 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 85 Resp: 55564
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.1 48.2





#3

Chloromethane

Concen: 50.798 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

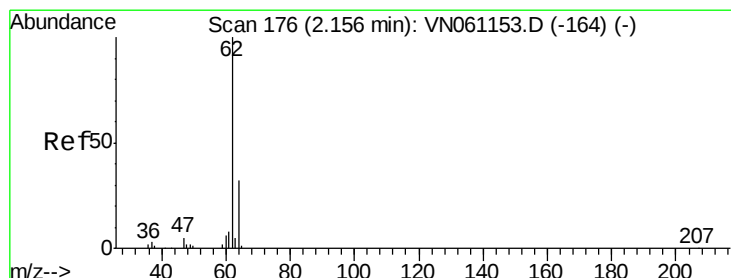
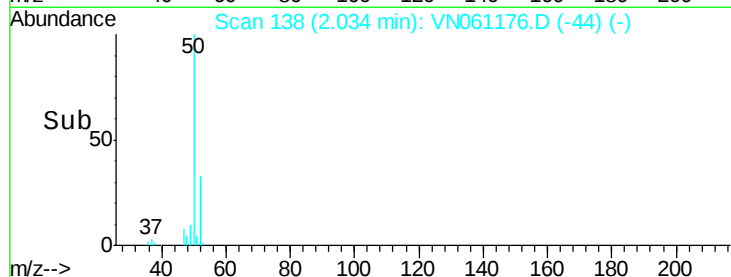
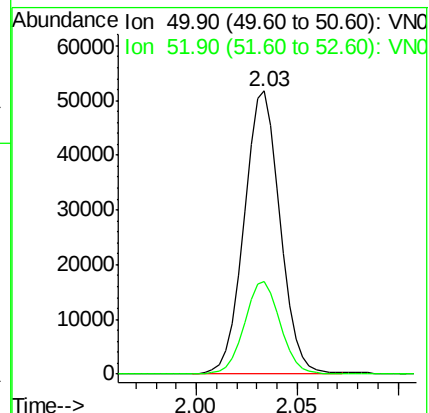
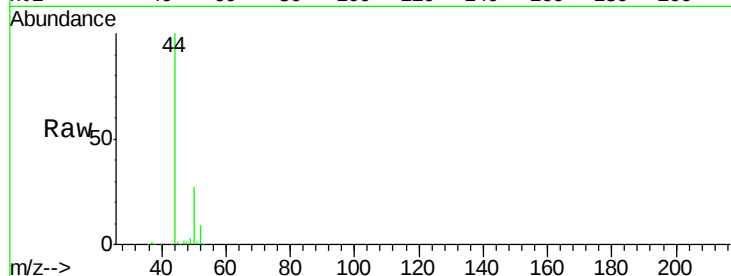
ST006RW149-200422MS

Tot Ion: 50 Resp: 64775

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 127.688 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061176.D

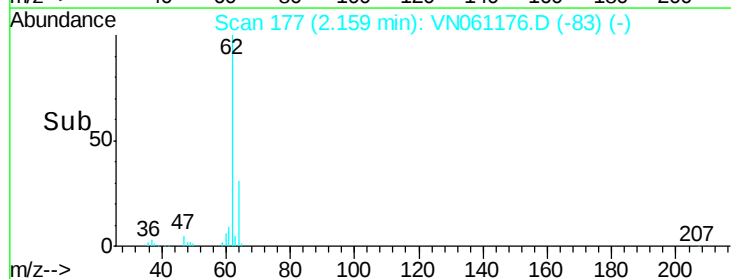
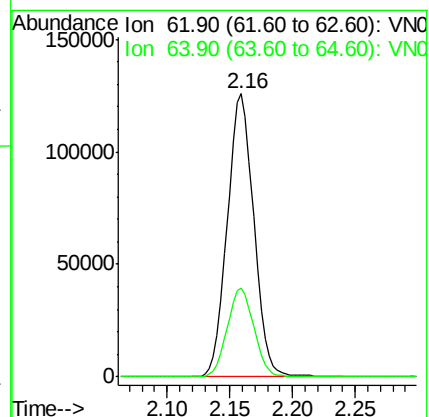
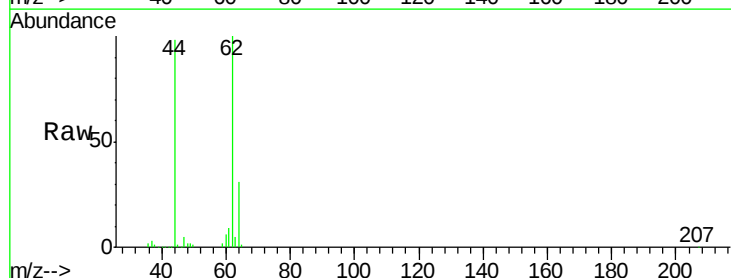
Acq: 28 Apr 2020 20:18

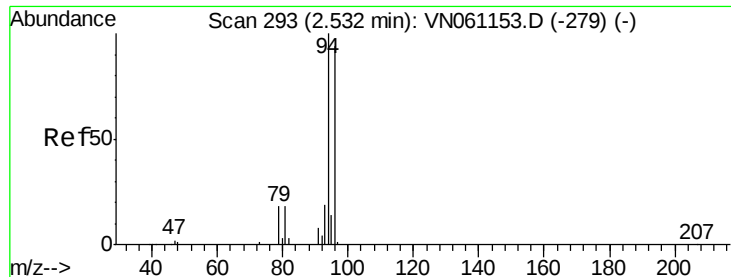
Tgt Ion: 62 Resp: 184933

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 49.187 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

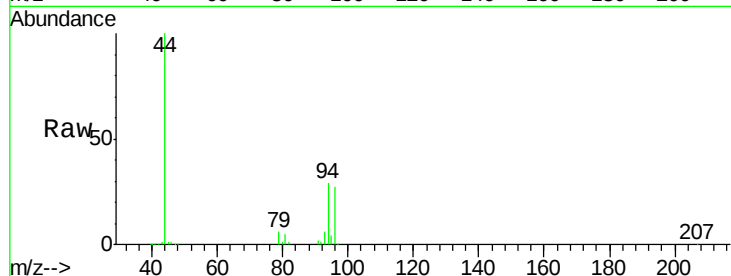
ST006RW149-200422MS

Tot Ion: 94 Resp: 35214

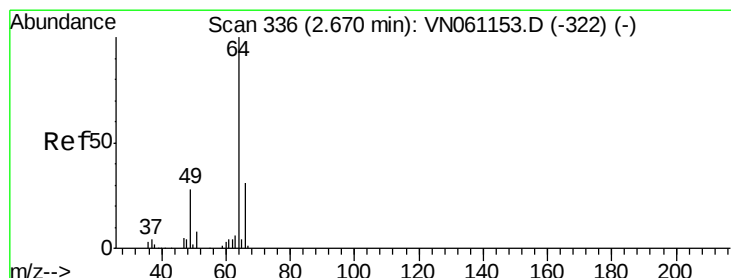
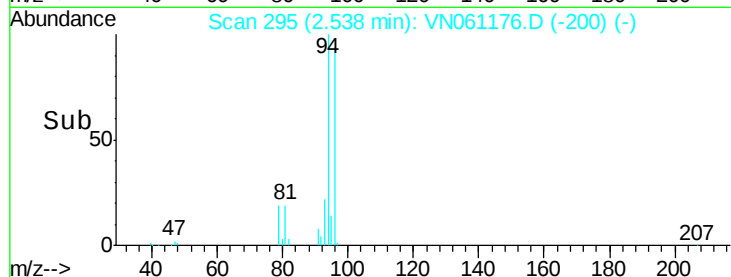
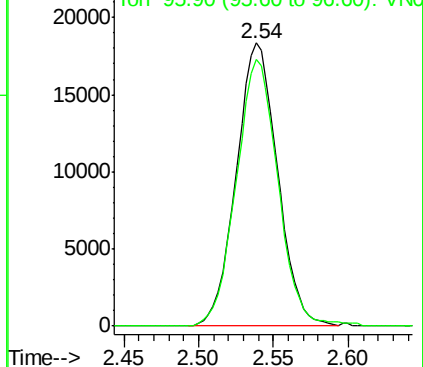
Ion Ratio Lower Upper

94 100

96 94.0 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061176.D (-200) (-)



#6

Chloroethane

Concen: 50.020 ug/l

RT: 2.67 min Scan# 337

Delta R.T. 0.00 min

Lab File: VN061176.D

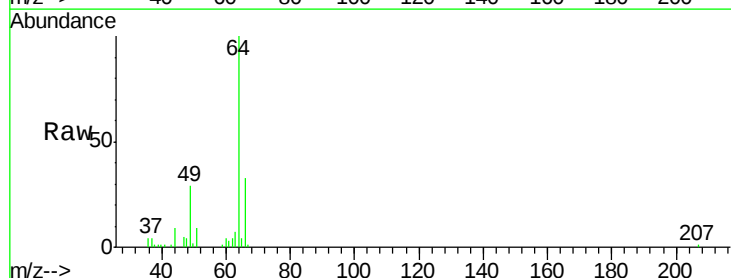
Acq: 28 Apr 2020 20:18

Tgt Ion: 64 Resp: 45918

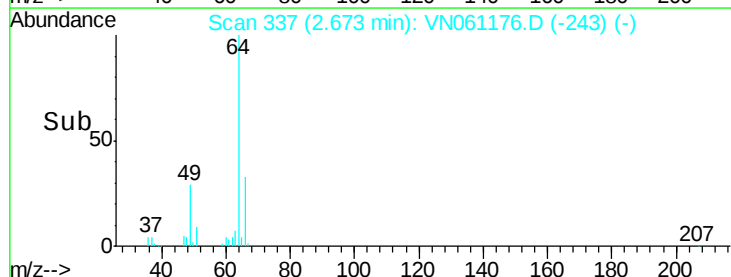
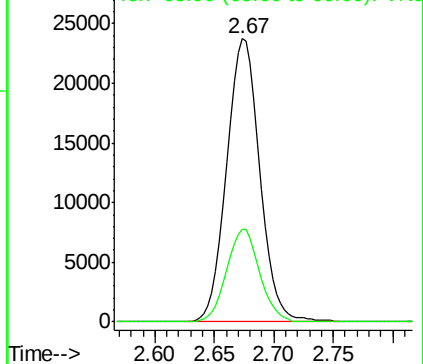
Ion Ratio Lower Upper

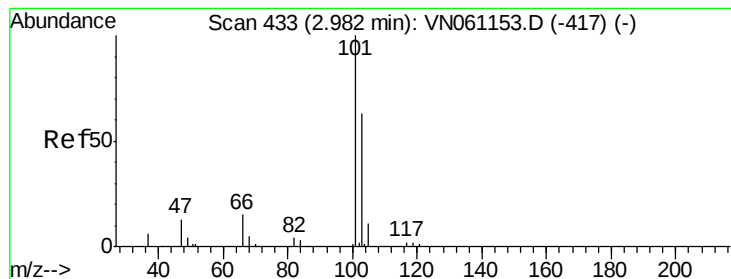
64 100

66 32.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061176.D (-243) (-)



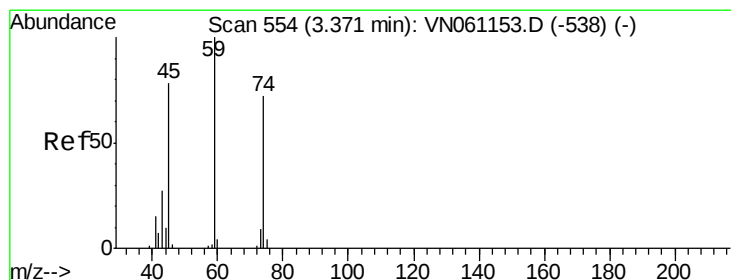
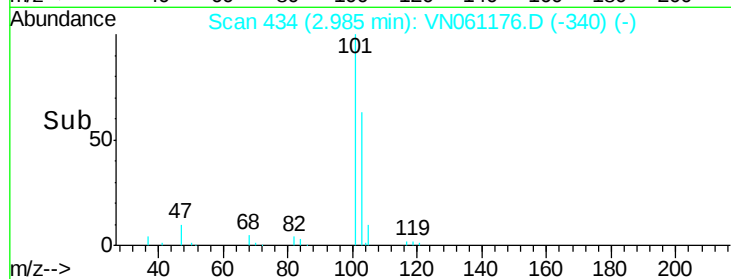
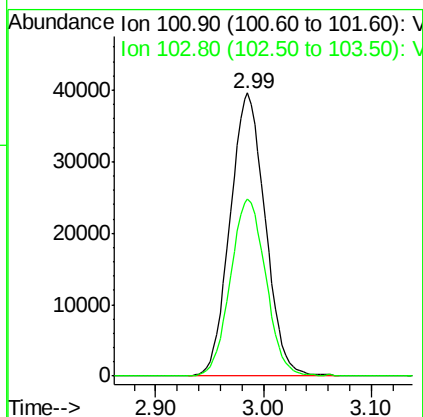
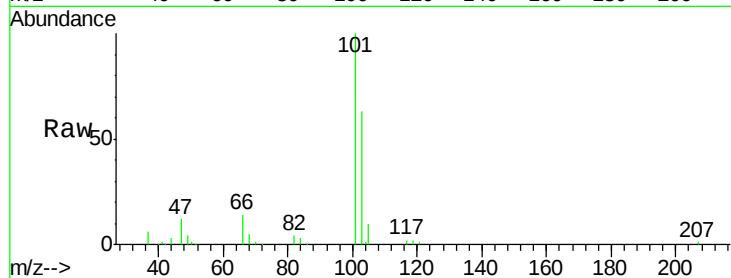


#7

Trichlorofluoromethane
 Concen: 54.935 ug/l
 RT: 2.99 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: VN061176.D
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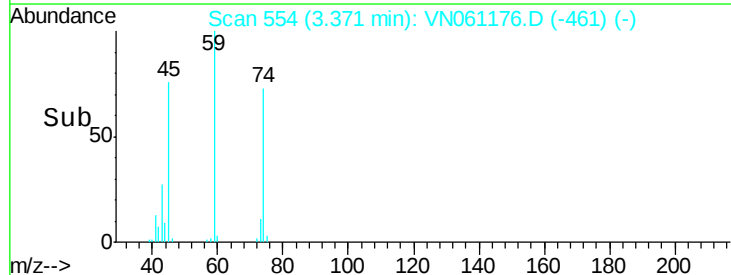
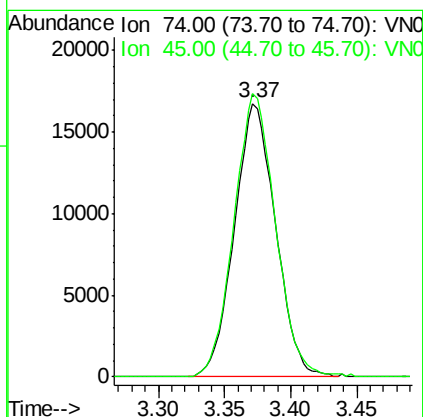
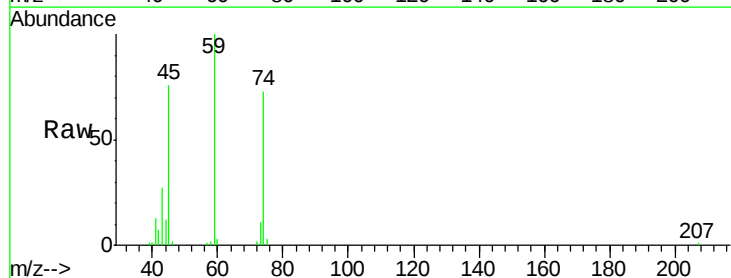
Tot Ion:101 Resp: 89764
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.6 76.0

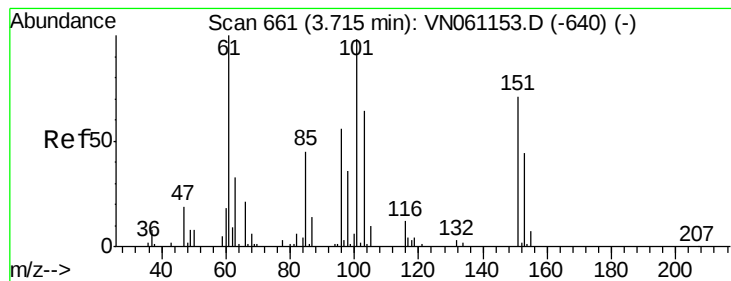


#8

Diethyl Ether
 Concen: 53.079 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 74 Resp: 36177
 Ion Ratio Lower Upper
 74 100
 45 104.6 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.103 ug/l

RT: 3.72 min Scan# 662

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

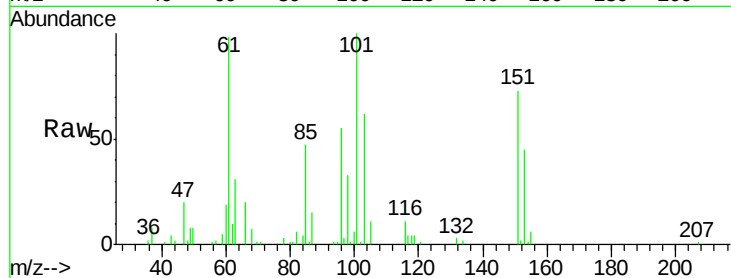
Tot Ion:101 Resp: 54848

Ion Ratio Lower Upper

101 100

85 47.0 37.2 55.8

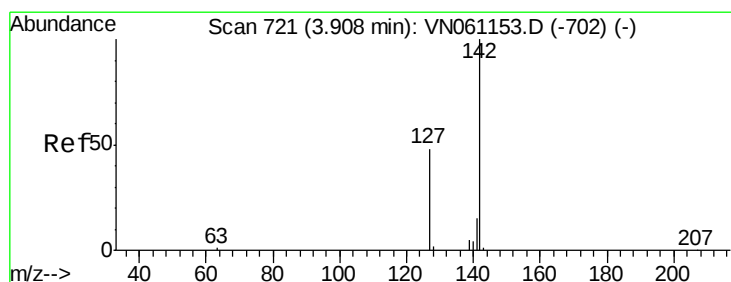
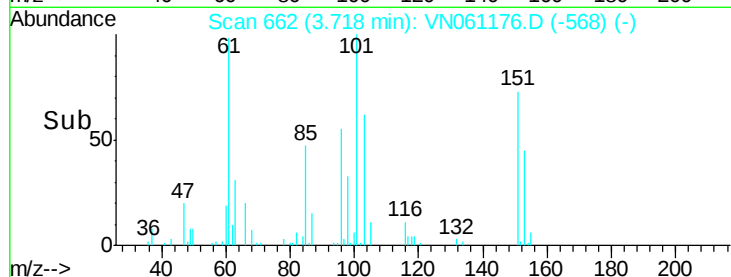
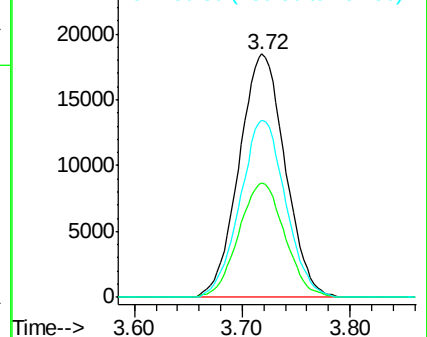
151 72.0 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.761 ug/l

RT: 3.91 min Scan# 722

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

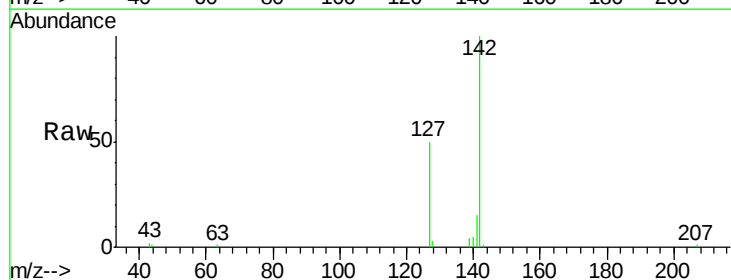
Tgt Ion:142 Resp: 70025

Ion Ratio Lower Upper

142 100

127 47.5 38.0 57.0

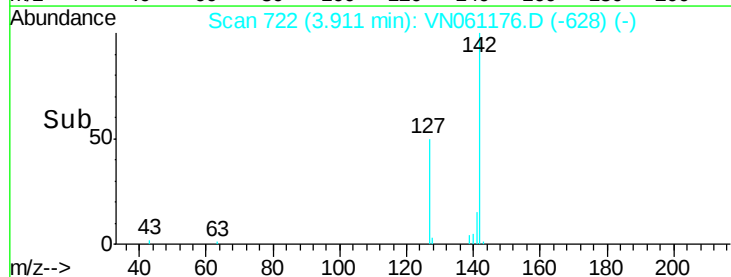
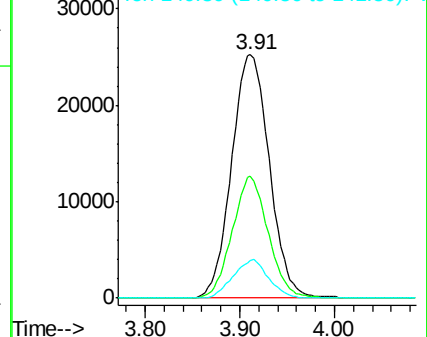
141 14.7 11.7 17.5

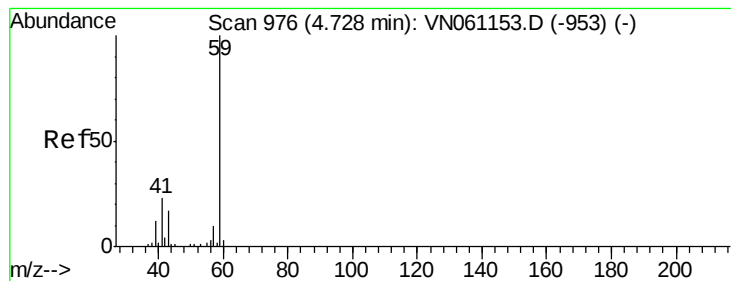


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 200.142 ug/l

RT: 4.72 min Scan# 975

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

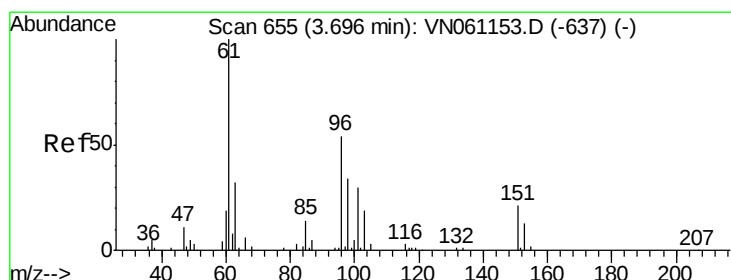
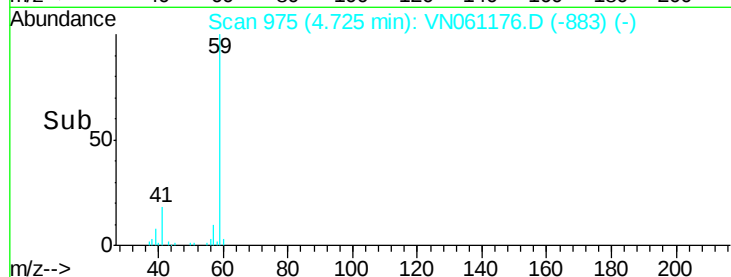
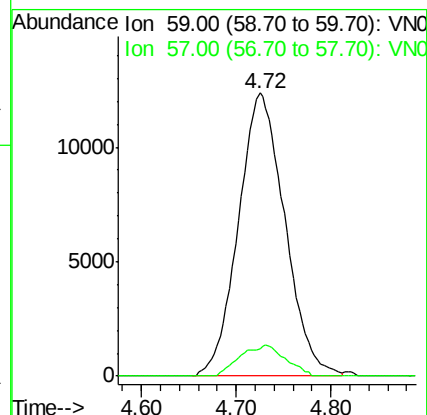
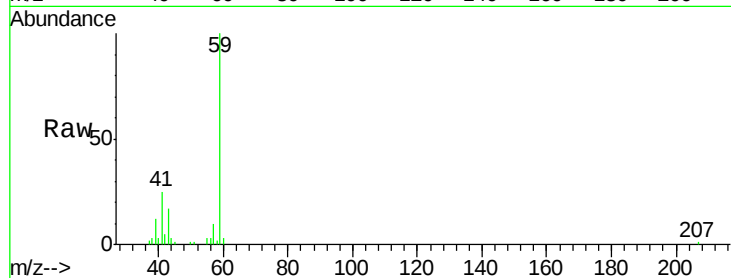
ST006RW149-200422MS

Tot Ion: 59 Resp: 42120

Ion Ratio Lower Upper

59 100

57 4.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 52.847 ug/l

RT: 3.70 min Scan# 656

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

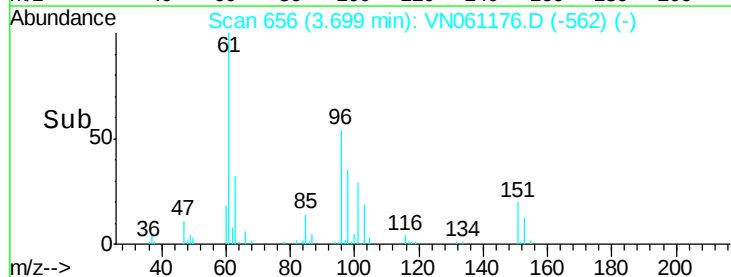
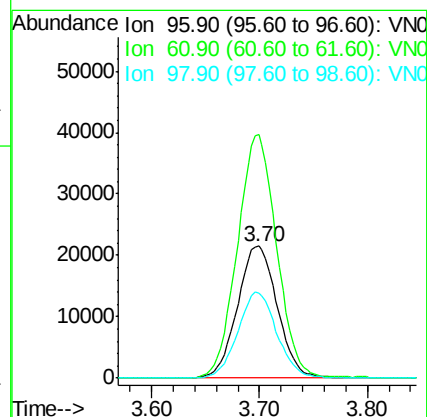
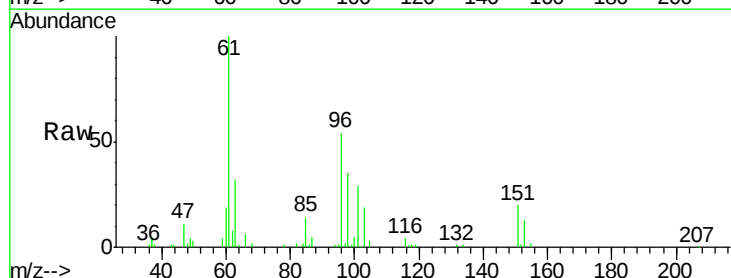
Tgt Ion: 96 Resp: 55360

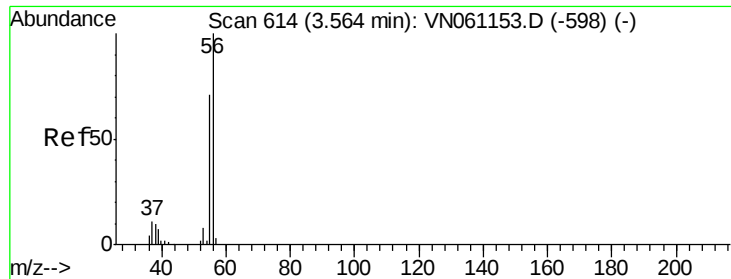
Ion Ratio Lower Upper

96 100

61 184.9 147.0 220.6

98 64.6 49.8 74.6

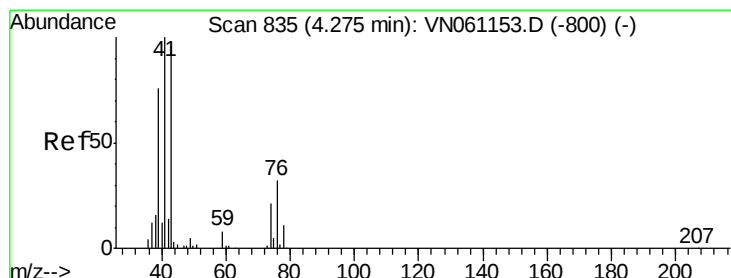
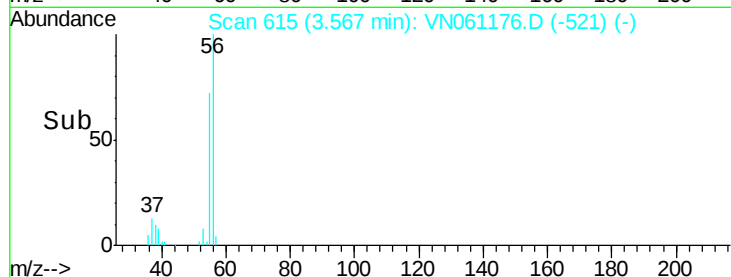
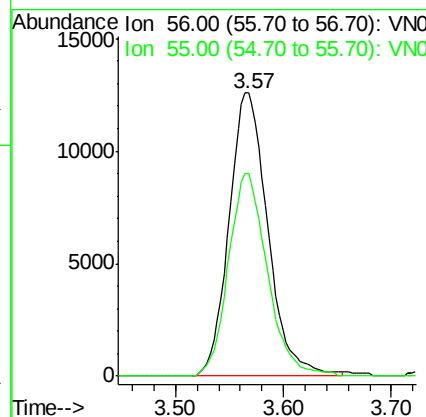
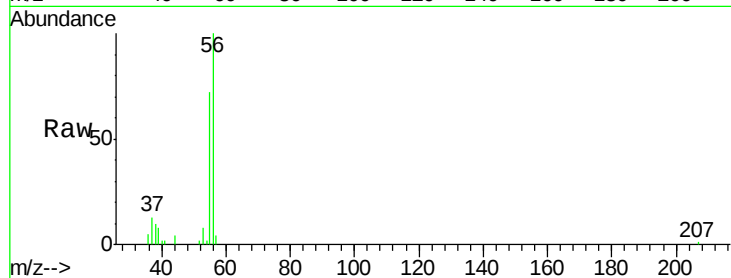




#13
Acrolein
Concen: 224.635 ug/l
RT: 3.57 min Scan# 615
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

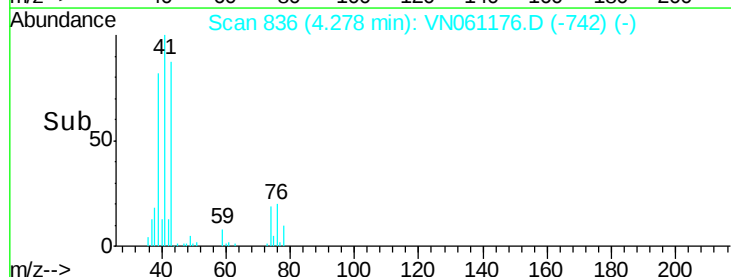
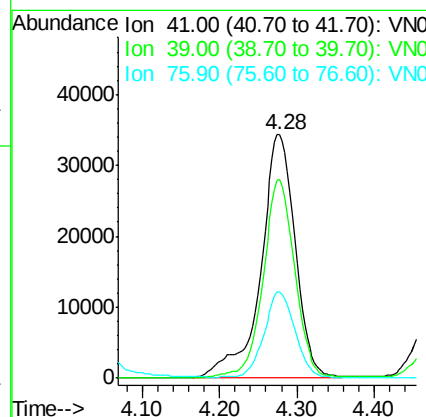
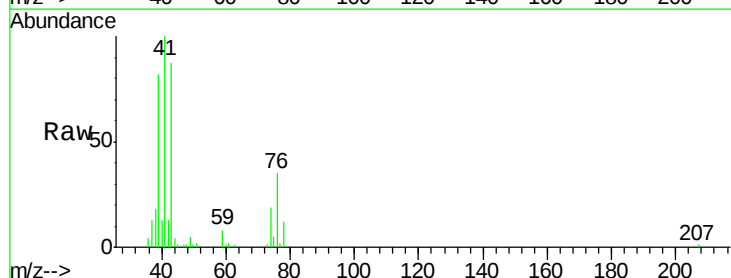
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

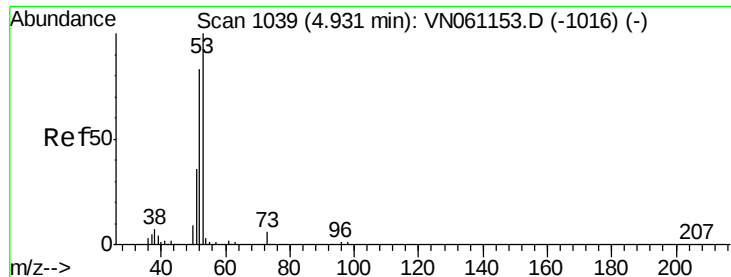
Tot Ion: 56 Resp: 31504
Ion Ratio Lower Upper
56 100
55 71.9 58.5 87.7



#14
Allyl chloride
Concen: 54.981 ug/l
RT: 4.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 41 Resp: 106793
Ion Ratio Lower Upper
41 100
39 74.9 57.1 85.7
76 31.7 24.3 36.5





#15

Acrylonitrile

Concen: 246.303 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

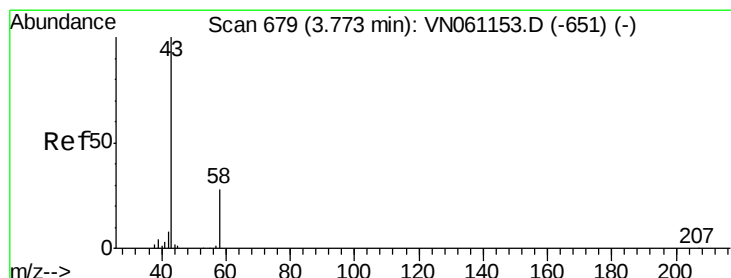
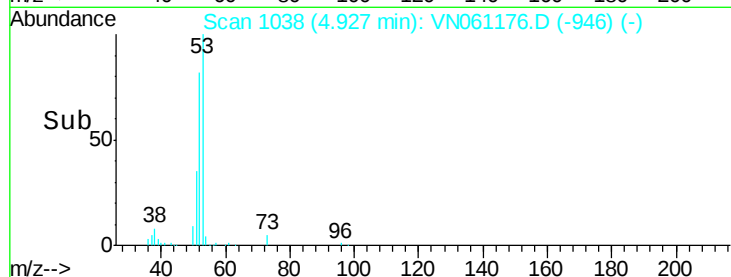
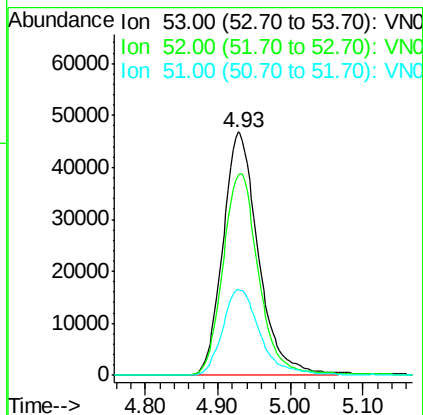
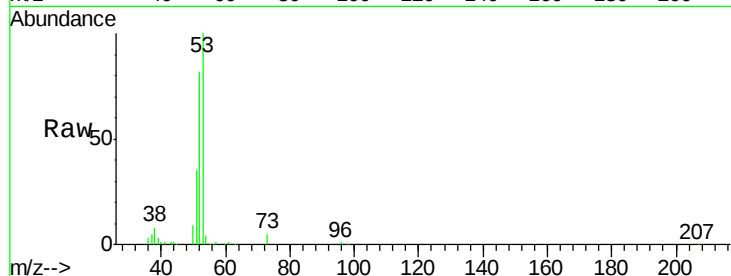
Tot Ion: 53 Resp: 159119

Ion Ratio Lower Upper

53 100

52 83.5 65.4 98.0

51 37.5 29.5 44.3



#16

Acetone

Concen: 241.077 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061176.D

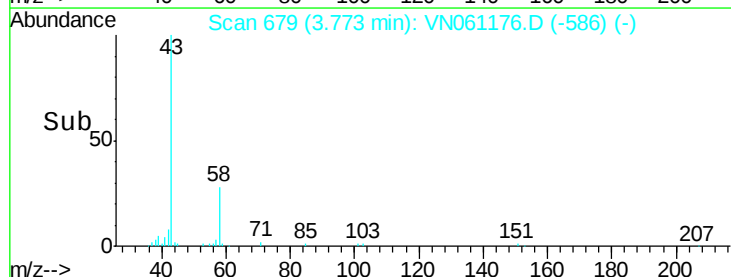
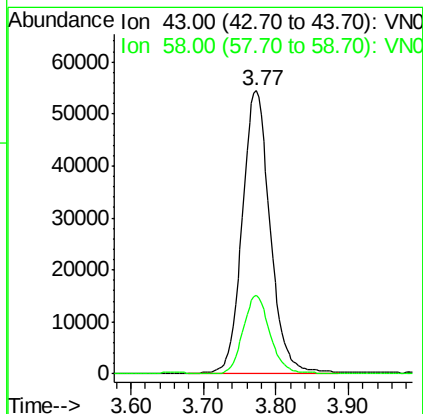
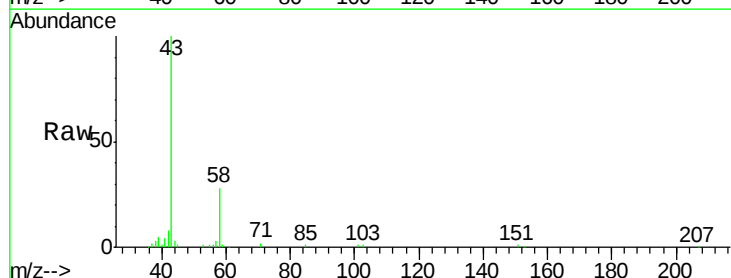
Acq: 28 Apr 2020 20:18

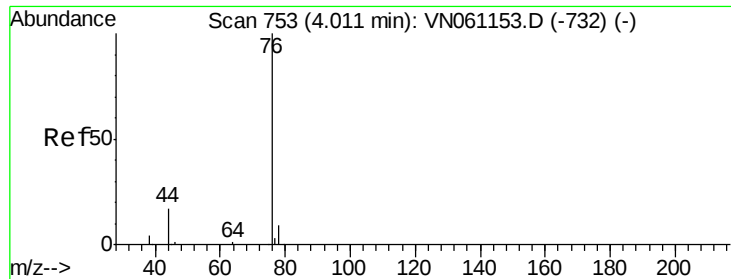
Tgt Ion: 43 Resp: 146596

Ion Ratio Lower Upper

43 100

58 27.8 22.2 33.2

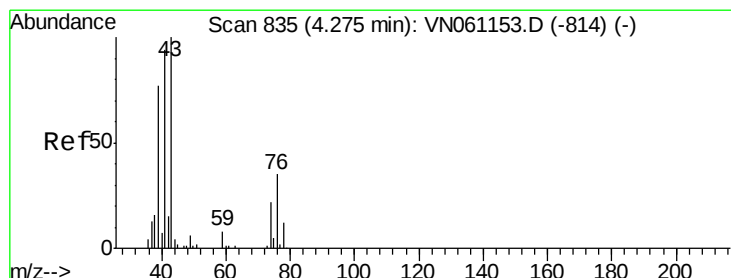
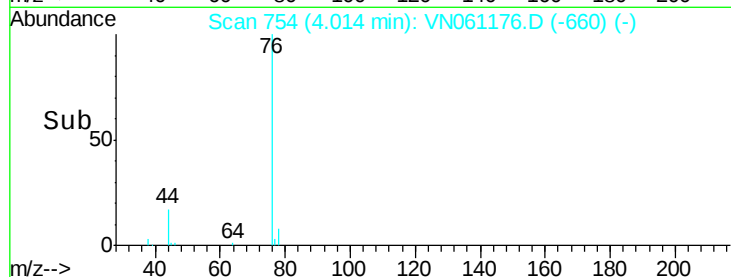
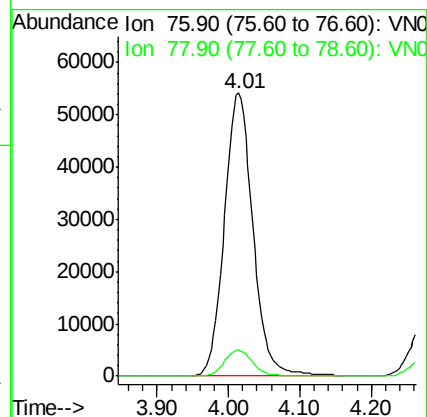
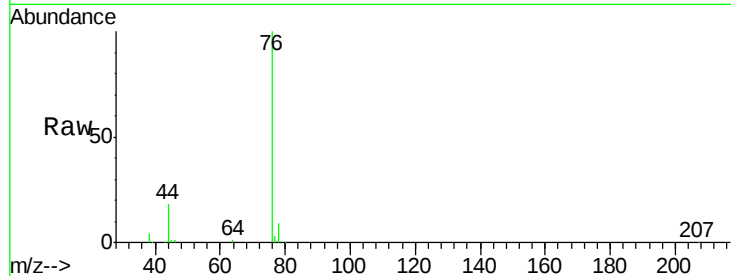




#17
Carbon Disulfide
Concen: 52.100 ug/l
RT: 4.01 min Scan# 754
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

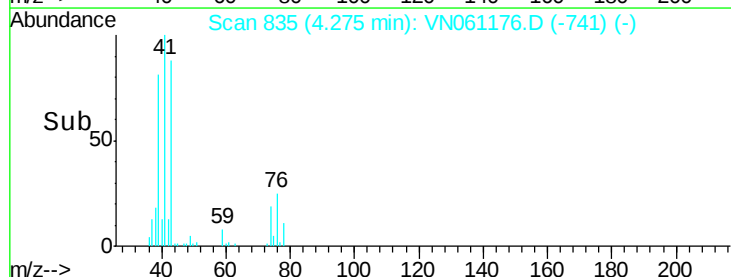
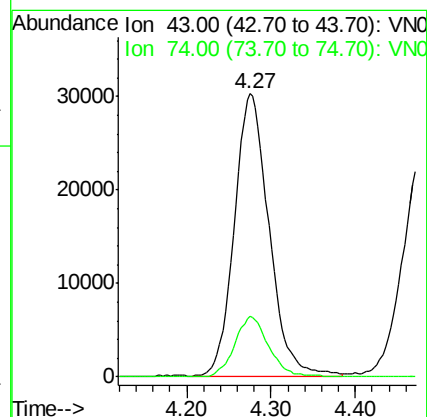
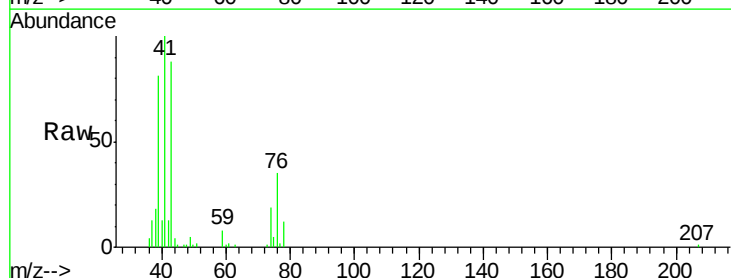
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

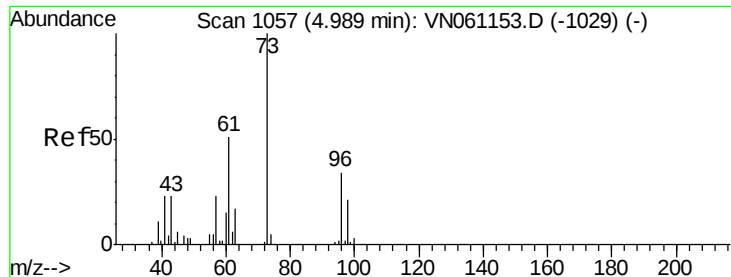
Tot Ion: 76 Resp: 150762
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 44.017 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 43 Resp: 87128
Ion Ratio Lower Upper
43 100
74 20.7 17.0 25.4

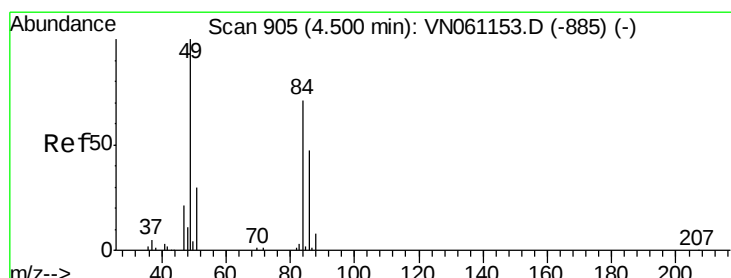
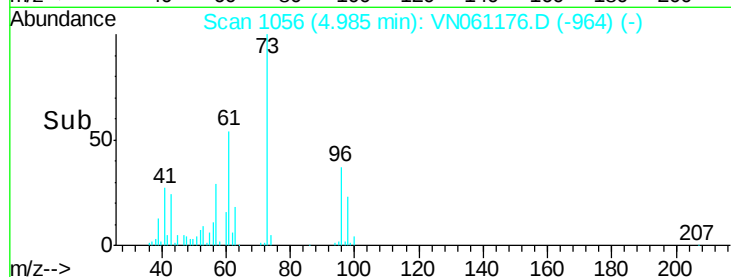
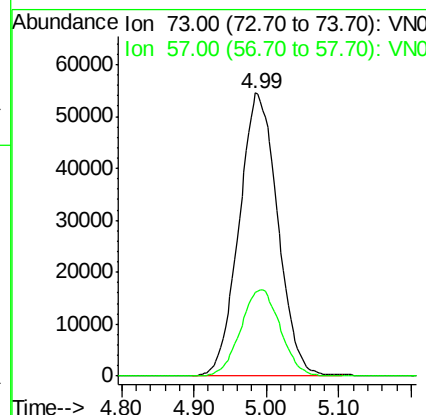
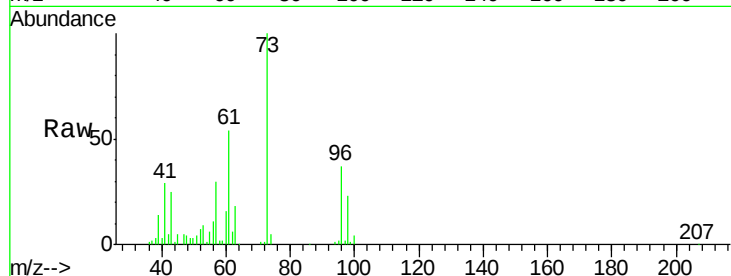




#19
Methvl tert-butvl Ether
Concen: 50.447 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

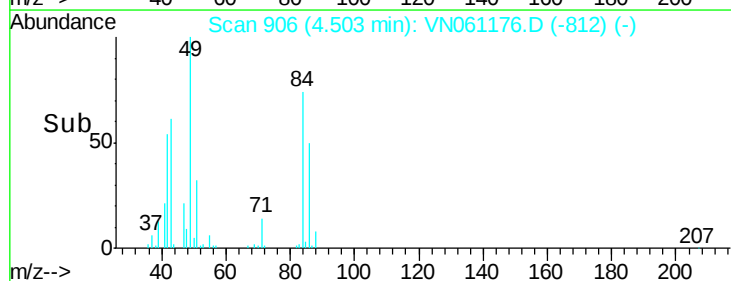
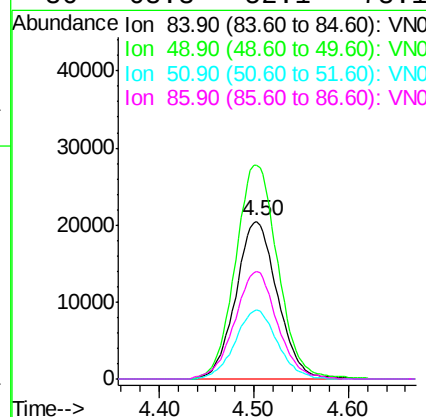
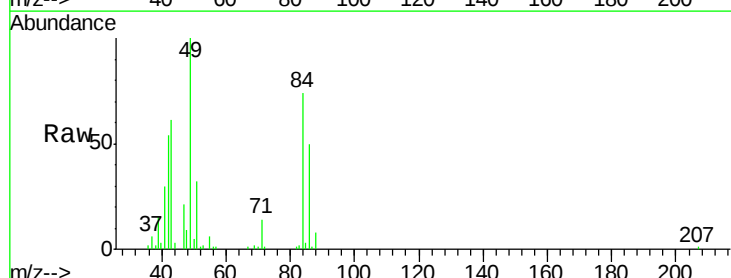
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

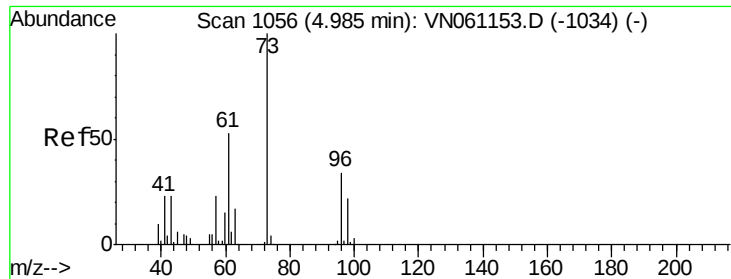
Tot Ion: 73 Resp: 201931
Ion Ratio Lower Upper
73 100
57 29.6 18.3 27.5#



#20
Methylene Chloride
Concen: 51.003 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 84 Resp: 62480
Ion Ratio Lower Upper
84 100
49 135.6 112.0 168.0
51 43.5 33.6 50.4
86 68.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 55.794 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

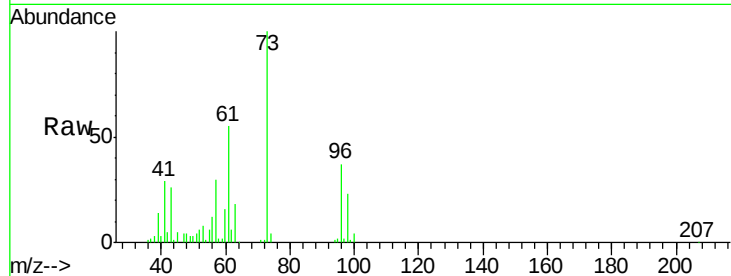
Tot Ion: 96 Resp: 63644

Ion Ratio Lower Upper

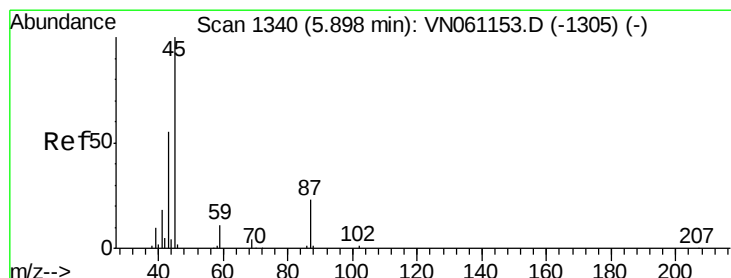
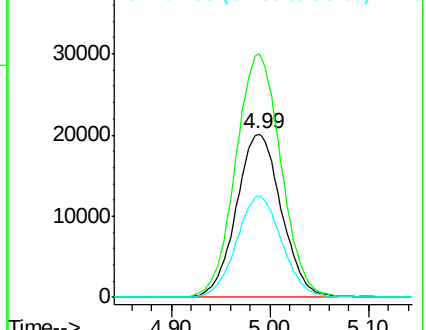
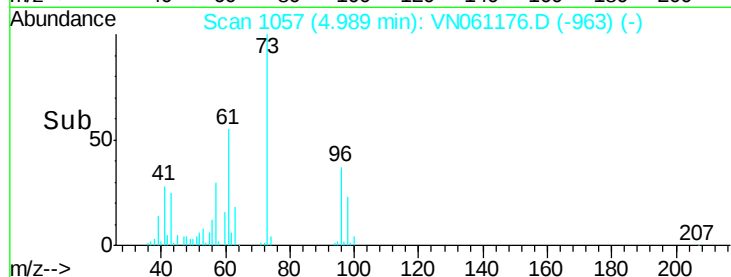
96 100

61 148.8 123.0 184.4

98 62.4 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VN061176.D (-963) (-)



#22

Diisopropyl ether

Concen: 51.252 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Tgt Ion: 45 Resp: 230847

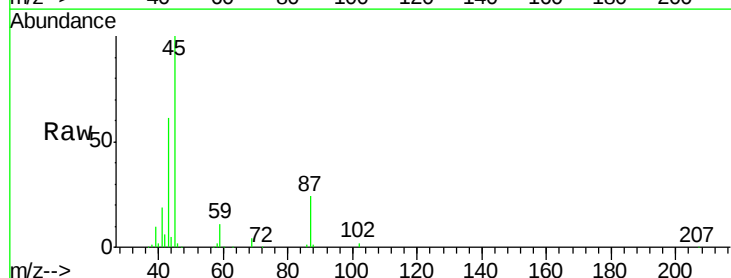
Ion Ratio Lower Upper

45 100

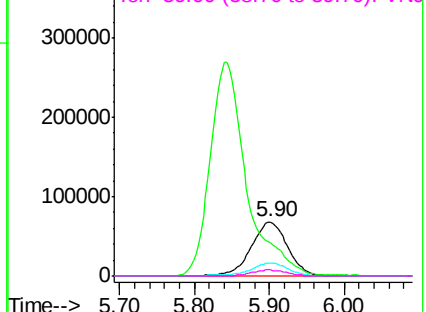
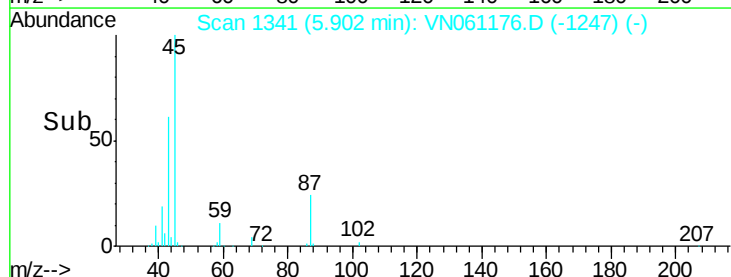
43 59.5 47.9 71.9

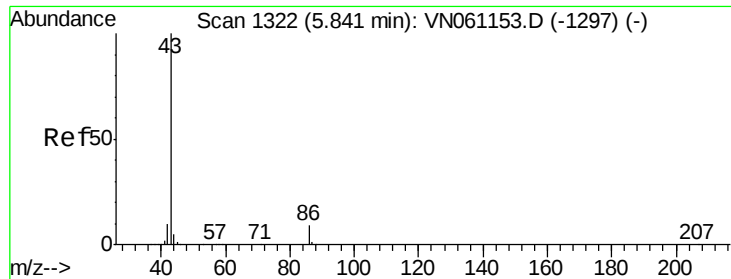
87 24.0 19.2 28.8

59 11.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN061176.D (-1247) (-)





#23

Vinyl Acetate

Concen: 250.754 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

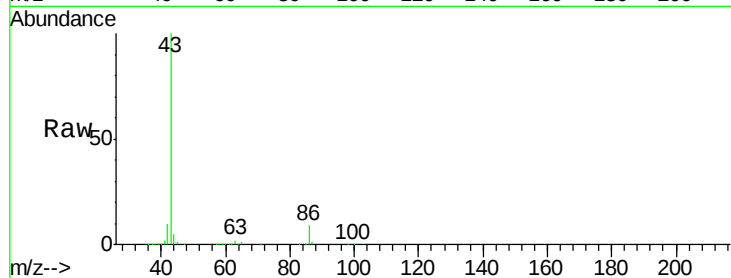
ST006RW149-200422MS

Tot Ion: 43 Resp: 909402

Ion Ratio Lower Upper

43 100

86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061176.D (-1229) (-)

Ion 86.00 (85.70 to 86.70): VN061176.D (-1229) (-)

5.84

300000

250000

200000

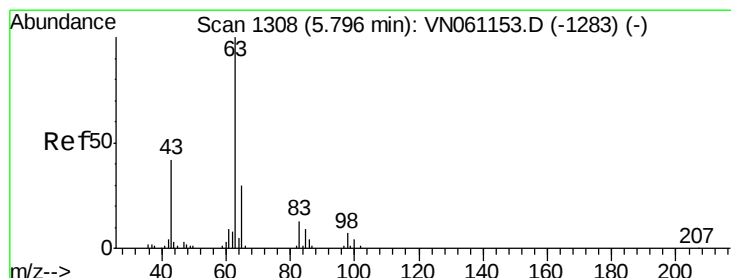
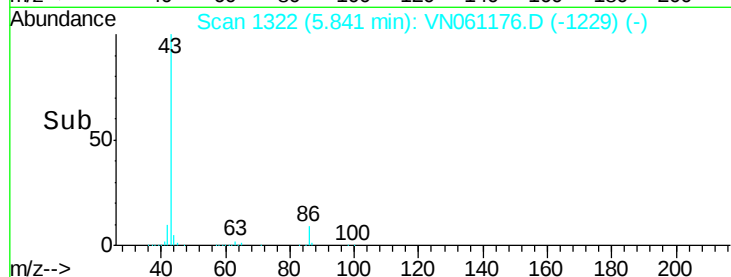
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 52.848 ug/l

RT: 5.80 min Scan# 1309

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

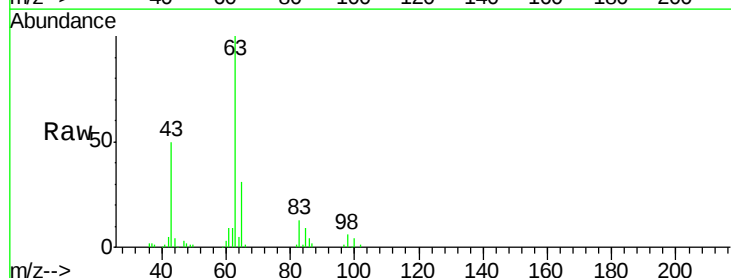
Tgt Ion: 63 Resp: 124369

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 4.1 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061176.D (-1215) (-)

Ion 97.90 (97.60 to 98.60): VN061176.D (-1215) (-)

Ion 99.90 (99.60 to 100.60): VN061176.D (-1215) (-)

5.80

50000

40000

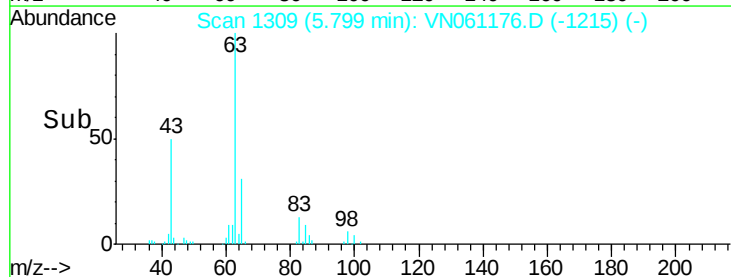
30000

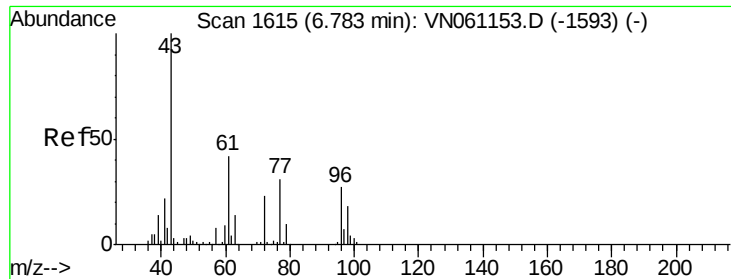
20000

10000

0

Time--> 5.70 5.80 5.90

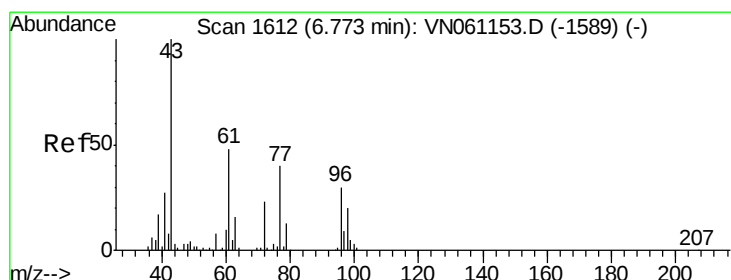
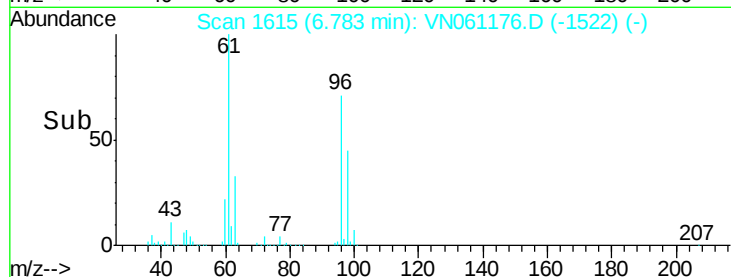
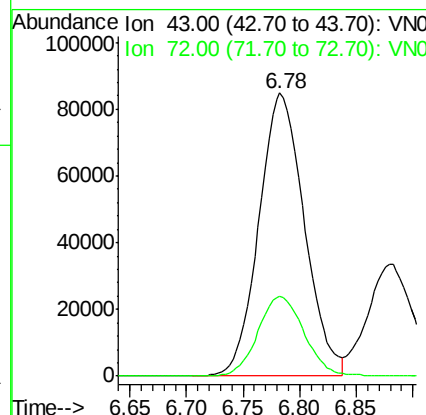
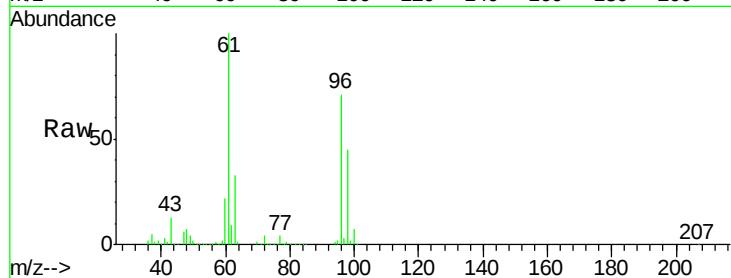




#25
2-Butanone
Concen: 254.456 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

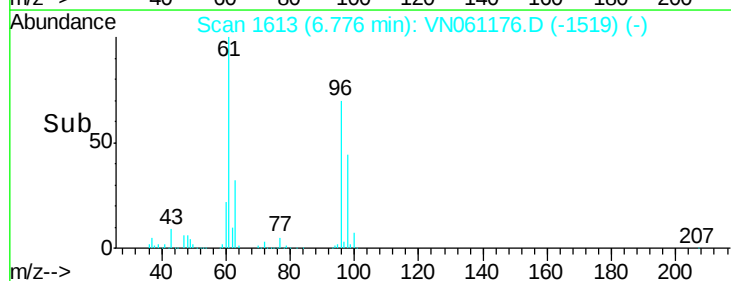
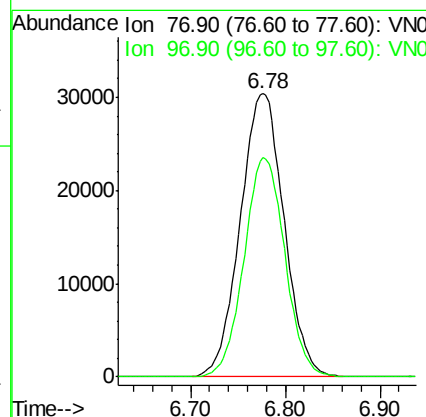
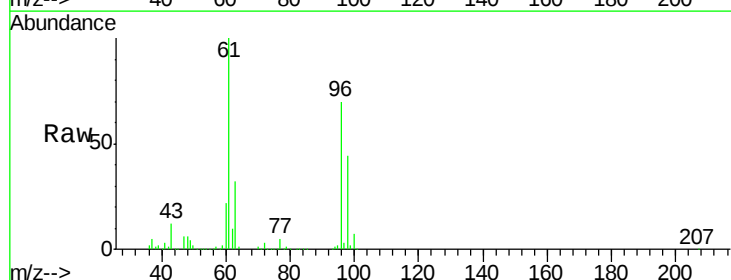
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

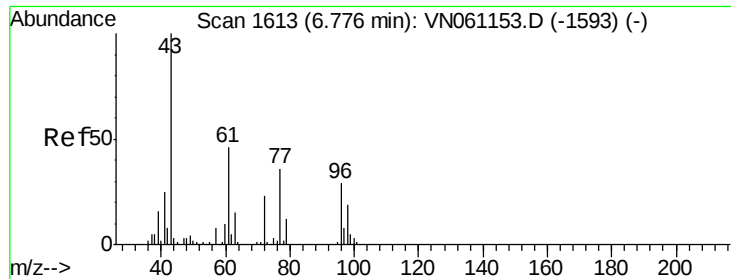
Tot Ion: 43 Resp: 236549
Ion Ratio Lower Upper
43 100
72 28.0 18.2 27.4#



#26
2,2-Dichloropropane
Concen: 49.296 ug/l
RT: 6.78 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 77 Resp: 97715
Ion Ratio Lower Upper
77 100
97 72.3 10.5 31.5#

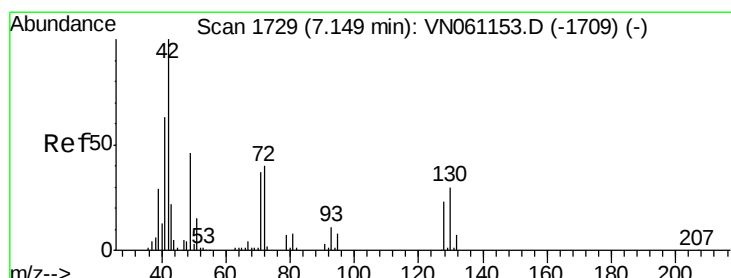
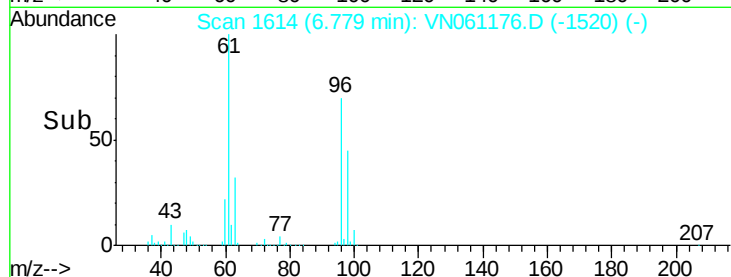
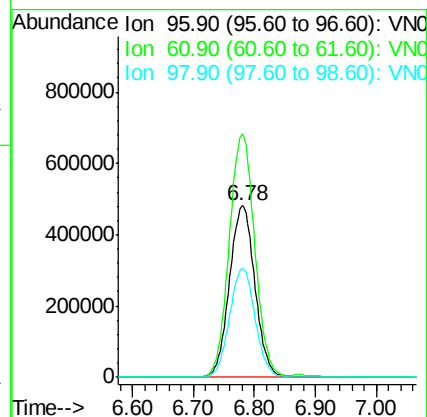
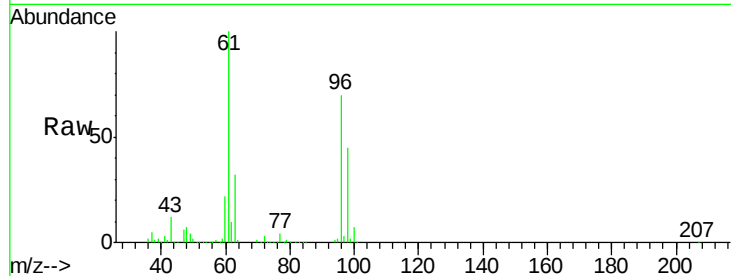




#27
 cis-1,2-Dichloroethene
 Concen: 1045.739 ug/l
 RT: 6.78 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

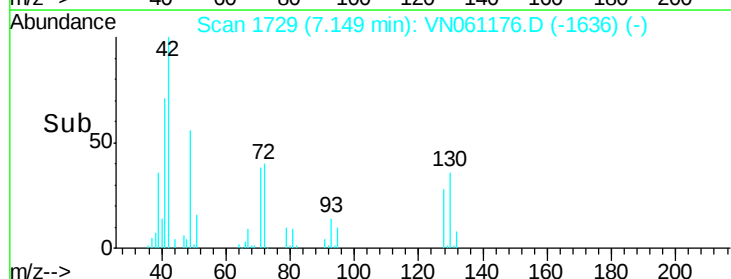
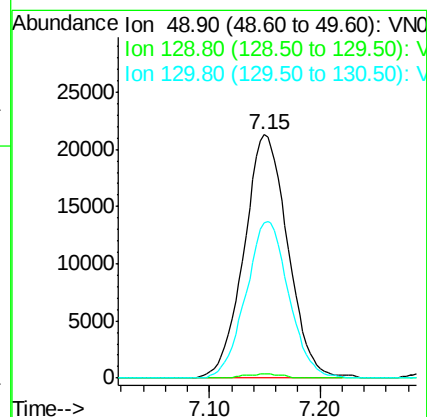
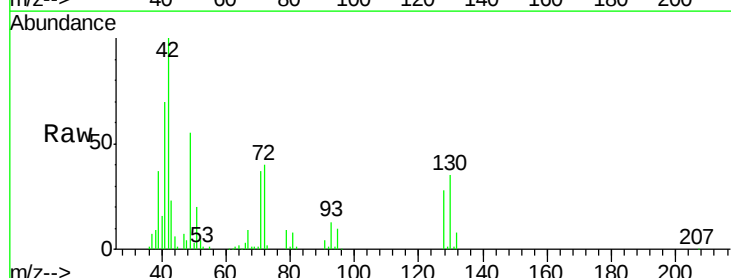
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

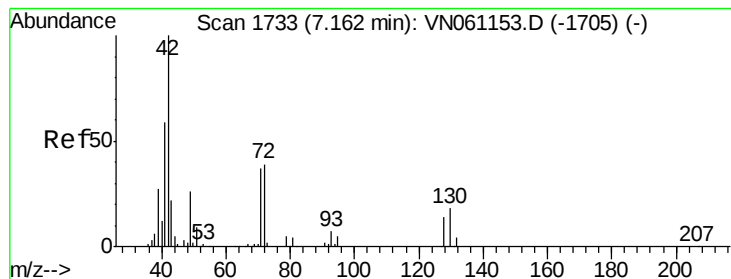
Tot Ion: 96 Resp: 1399851
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 322.0
 98 63.9 0.0 129.6



#28
 Bromochloromethane
 Concen: 52.439 ug/l
 RT: 7.15 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 49 Resp: 58492
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 63.1 51.4 77.2





#29

Tetrahydrofuran

Concen: 244.906 ug/l

RT: 7.17 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

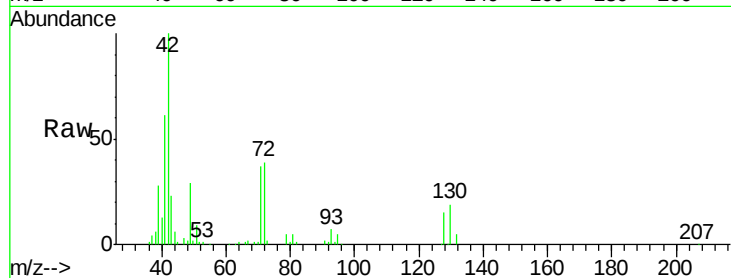
Tot Ion: 42 Resp: 153364

Ion Ratio Lower Upper

42 100

72 39.2 31.4 47.0

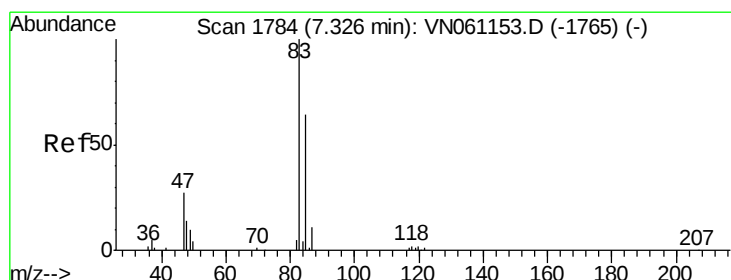
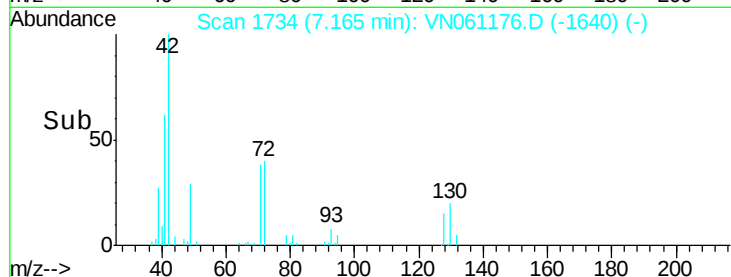
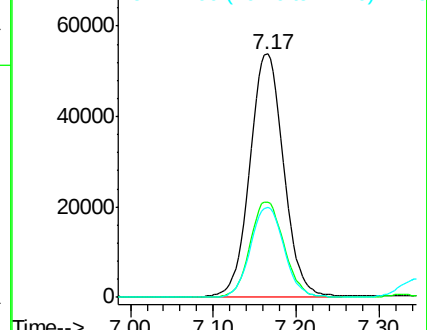
71 36.7 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VN061153.D (-1705) (-)

Ion 72.00 (71.70 to 72.70): VN061153.D (-1705) (-)

Ion 71.00 (70.70 to 71.70): VN061153.D (-1705) (-)



#30

Chloroform

Concen: 51.276 ug/l

RT: 7.33 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VN061176.D

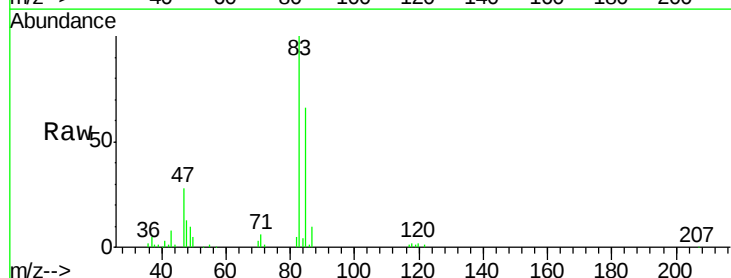
Acq: 28 Apr 2020 20:18

Tgt Ion: 83 Resp: 122286

Ion Ratio Lower Upper

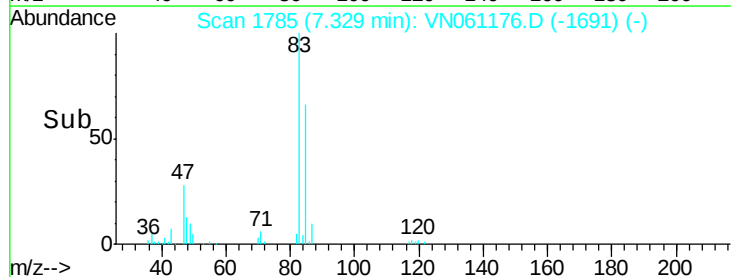
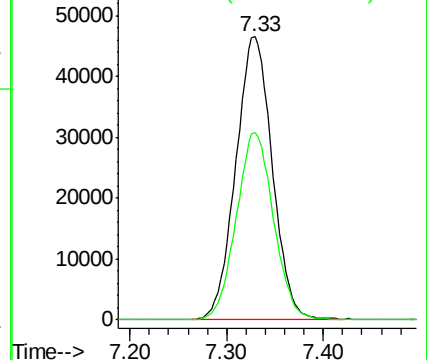
83 100

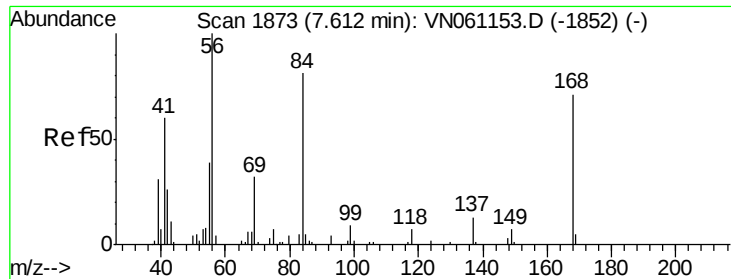
85 66.4 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-1765) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-1765) (-)





#31

Cyclohexane

Concen: 51.195 ug/l

RT: 7.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

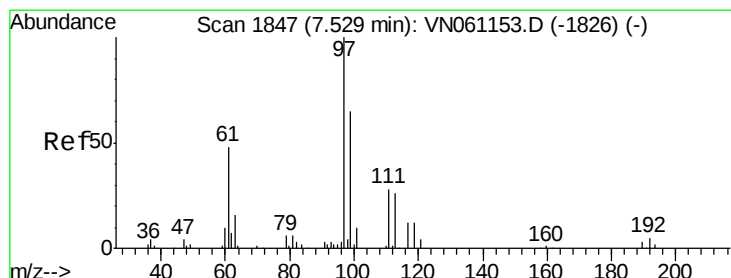
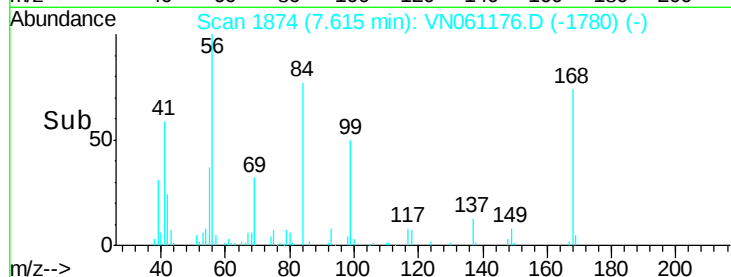
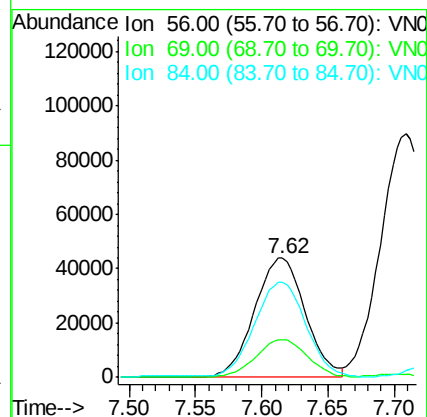
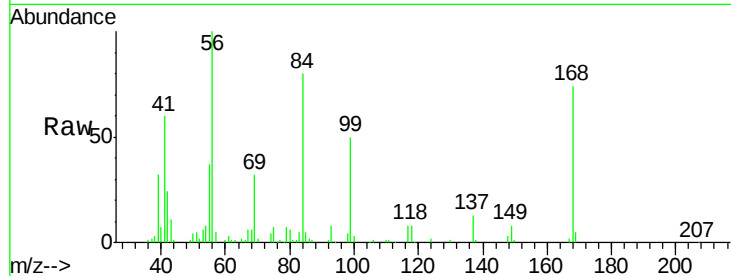
Tot Ion: 56 Resp: 117004

Ion Ratio Lower Upper

56 100

69 31.5 25.7 38.5

84 78.4 64.6 97.0



#32

1,1,1-Trichloroethane

Concen: 56.896 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

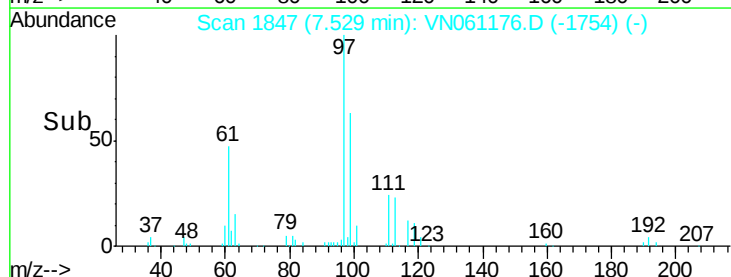
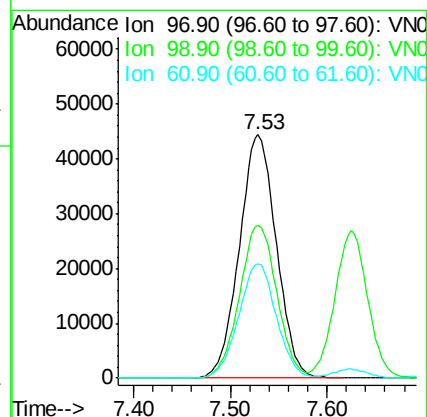
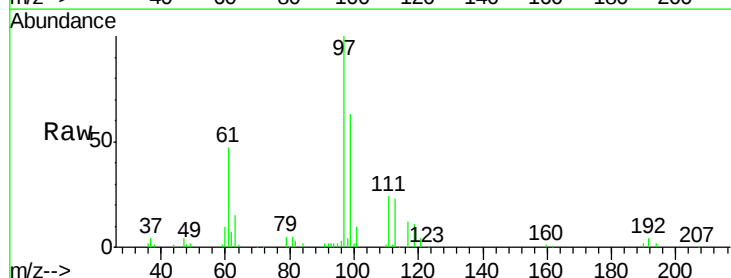
Tgt Ion: 97 Resp: 118157

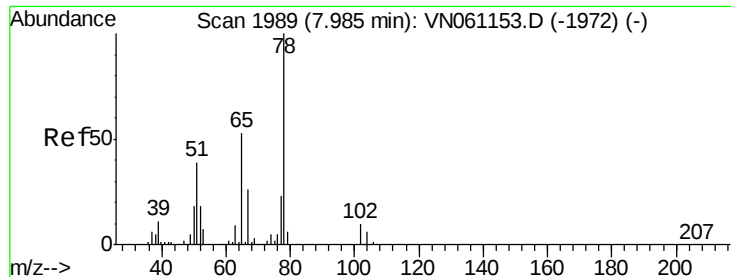
Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 47.8 38.6 57.8

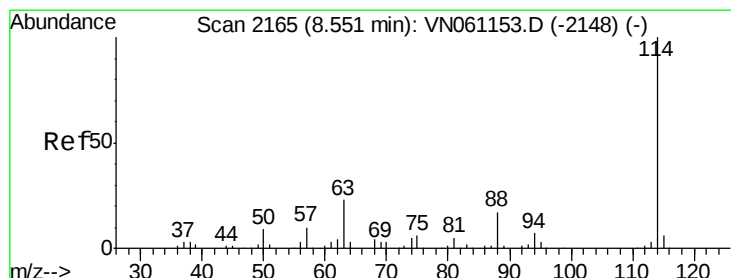
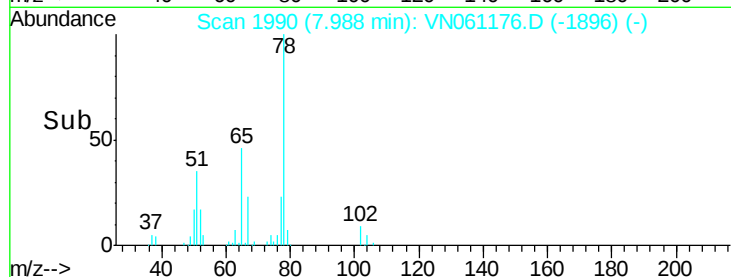
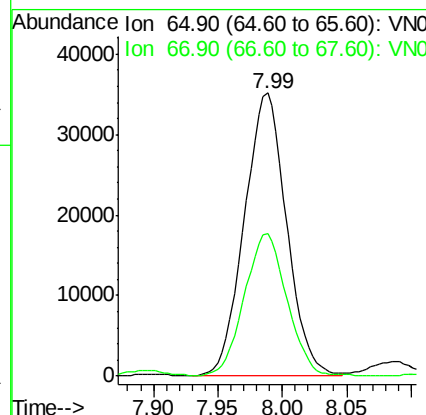
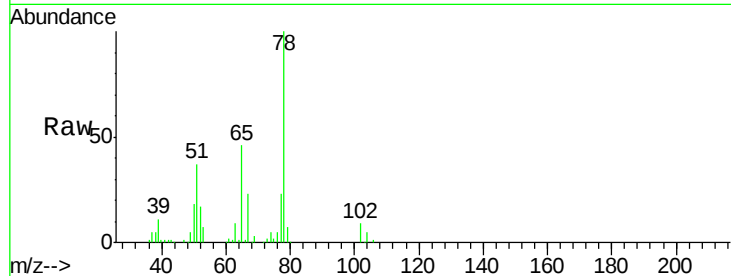




#33
 1,2-Dichloroethane-d4
 Concen: 51.189 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

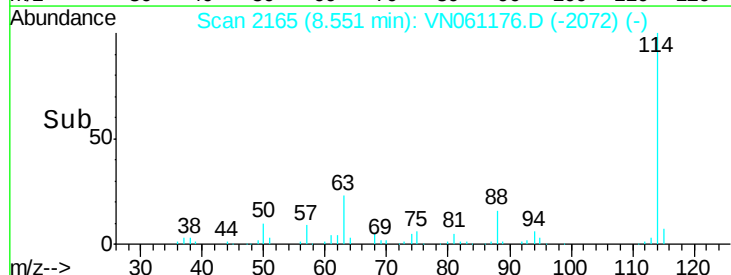
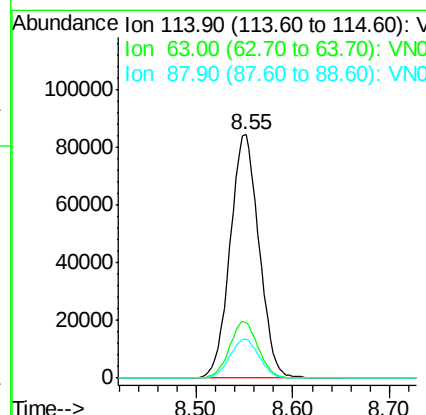
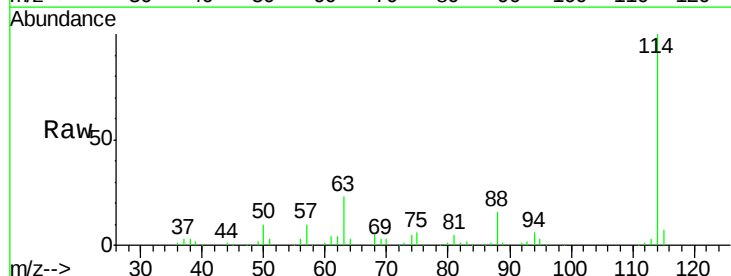
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

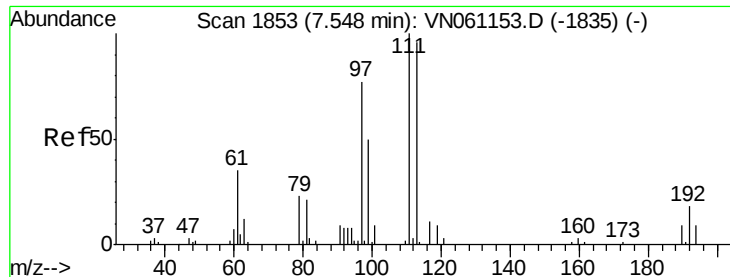
Tot Ion: 65 Resp: 80419
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 114 Resp: 175371
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.6
 88 16.0 0.0 33.4

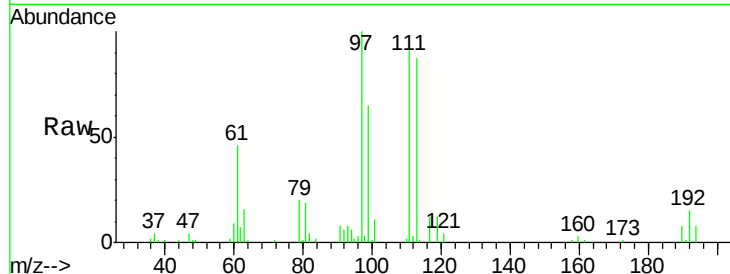




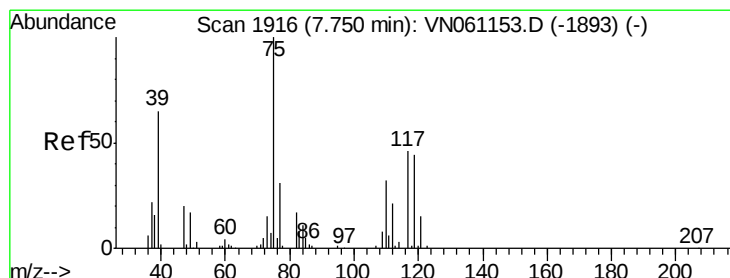
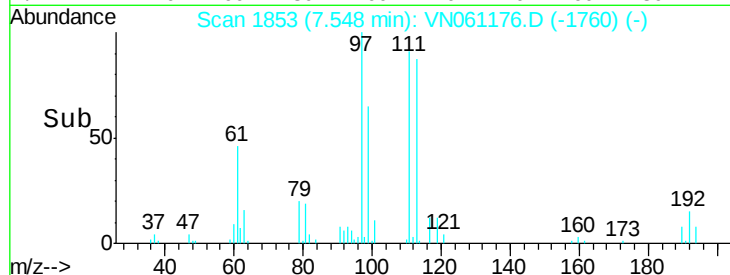
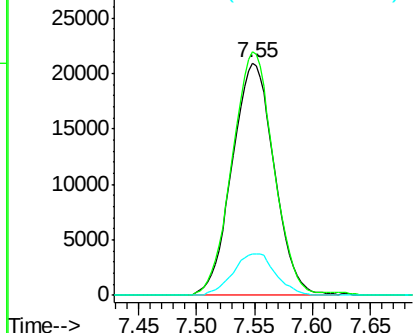
#35
 Dibromofluoromethane
 Concen: 51.034 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.0	14.7	22.1

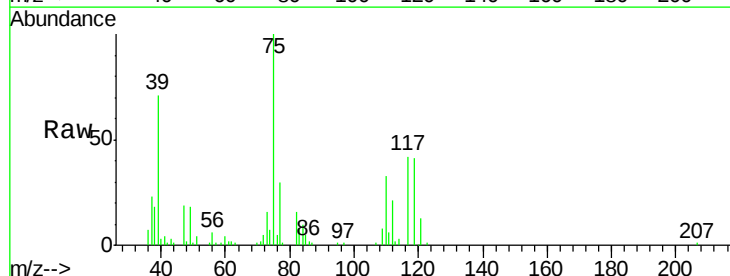


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

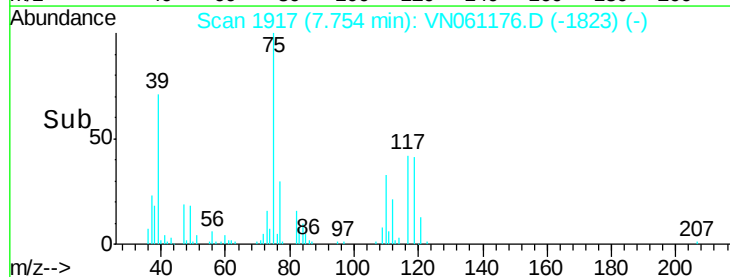
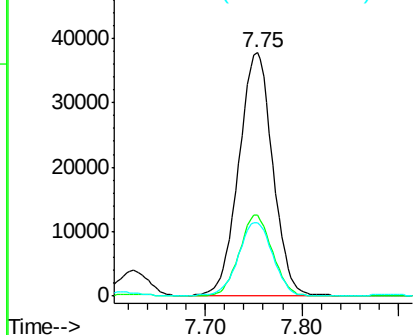


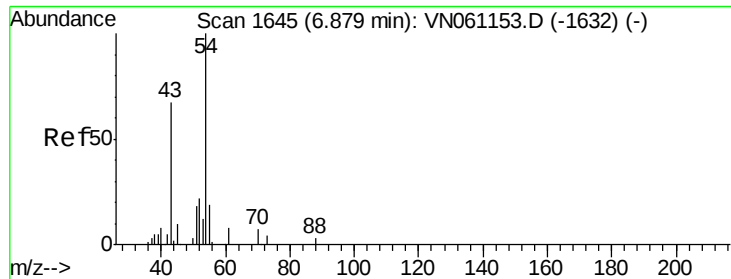
#36
 1,1-Dichloropropene
 Concen: 52.650 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.0	48.0
77	30.7	24.6	37.0



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

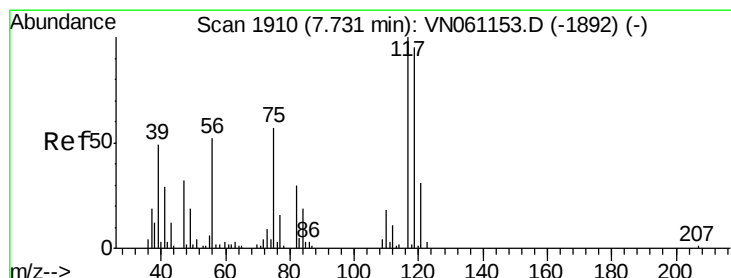
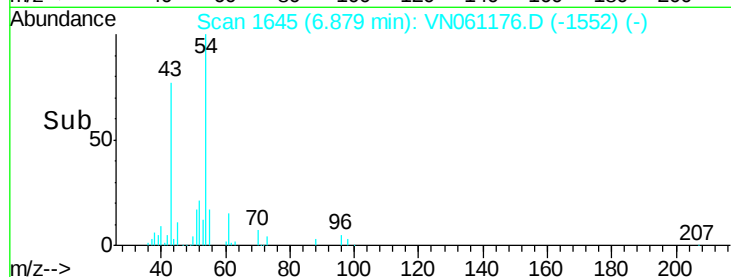
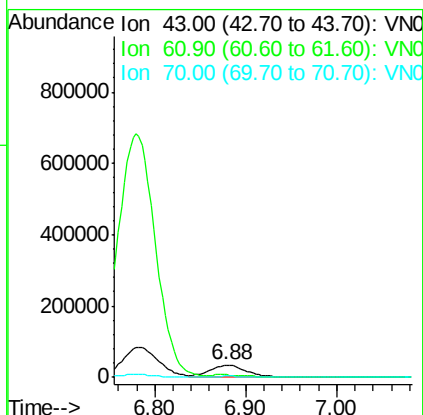
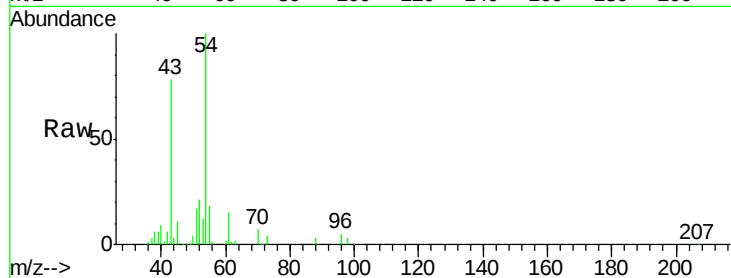




#37
Ethyl Acetate
Concen: 46.741 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

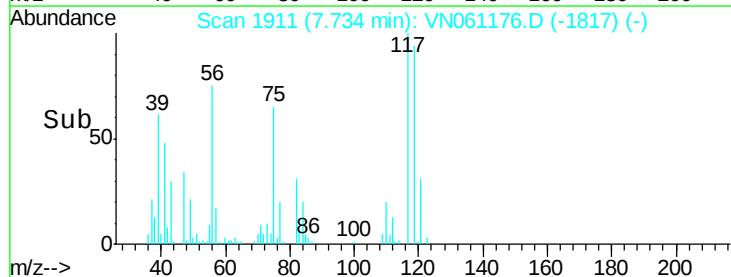
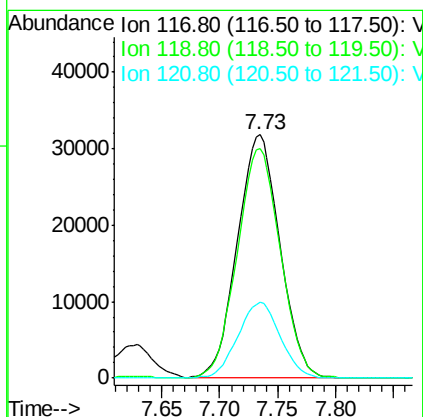
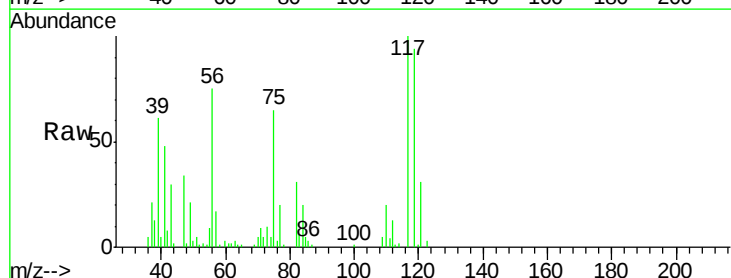
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

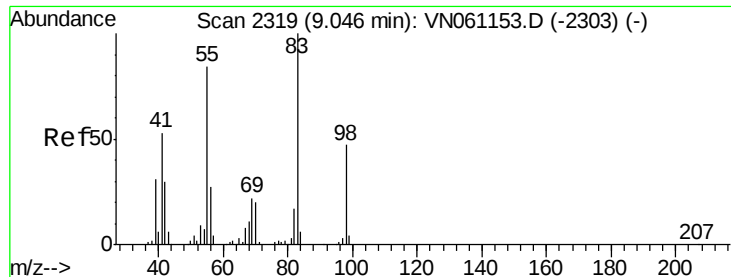
Tot Ion: 43 Resp: 96198
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 57.956 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 117 Resp: 81365
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 31.0 24.7 37.1

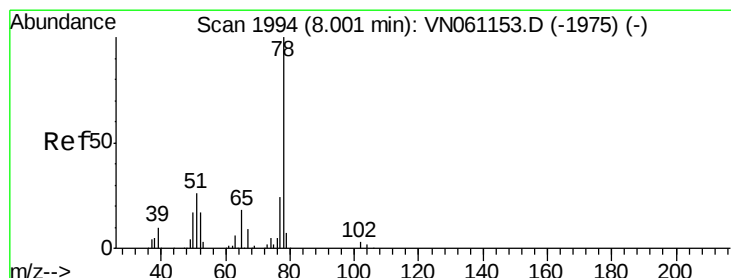
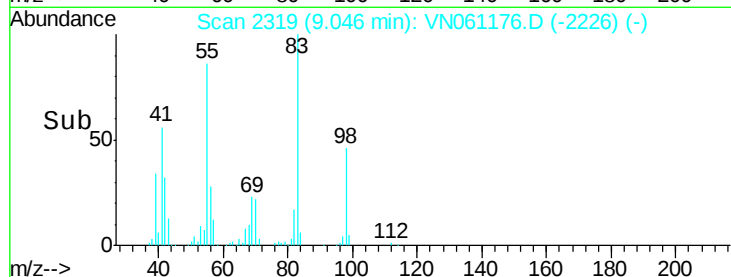
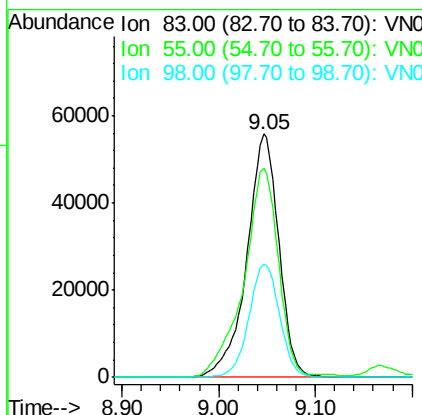
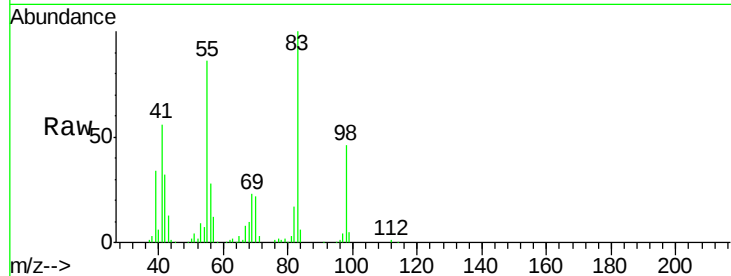




#39
Methvlcvclohexane
Concen: 61.059 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

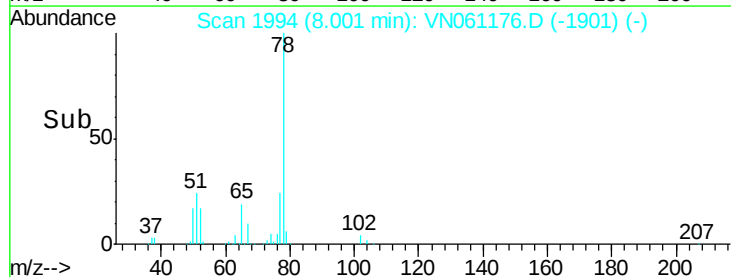
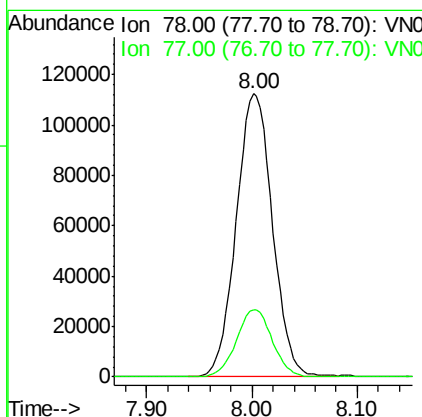
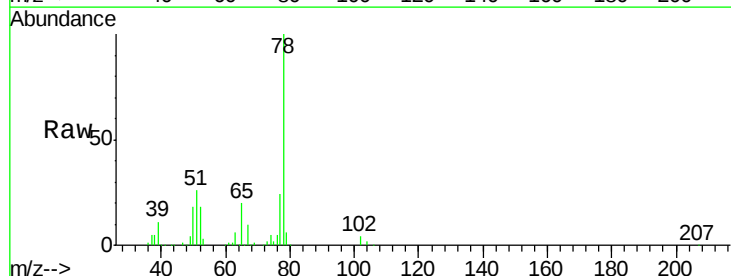
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

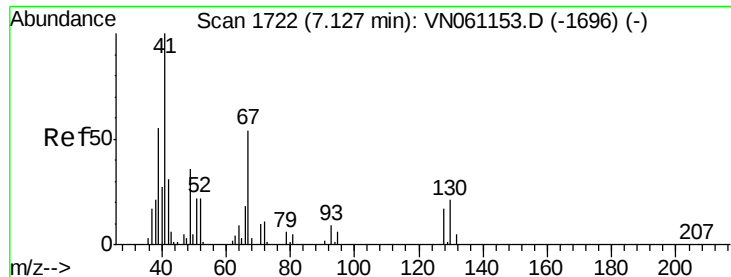
Tot Ion: 83 Resp: 128161
Ion Ratio Lower Upper
83 100
55 86.0 67.3 100.9
98 46.3 37.7 56.5



#40
Benzene
Concen: 51.276 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion: 78 Resp: 268182
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

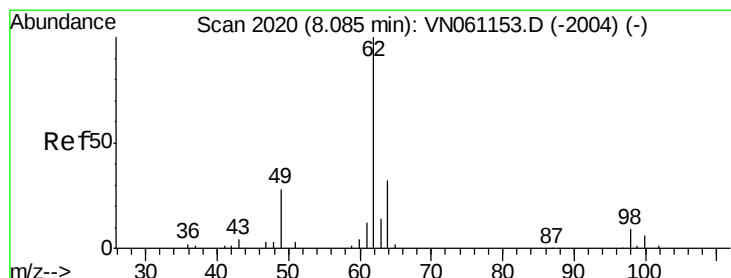
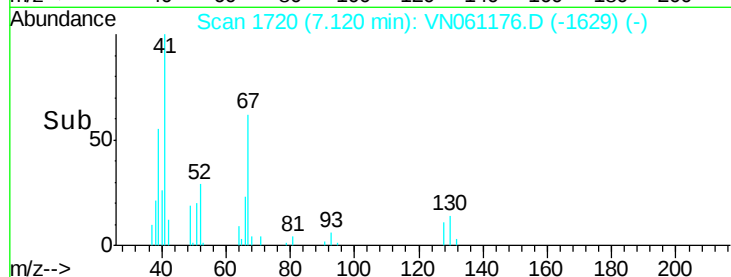
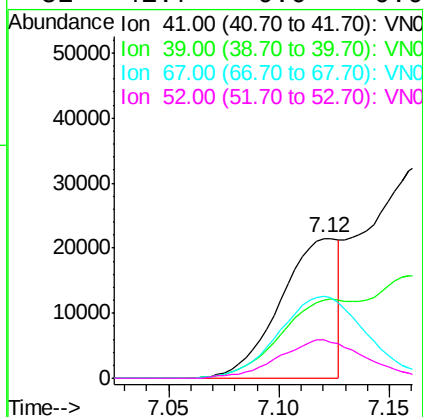
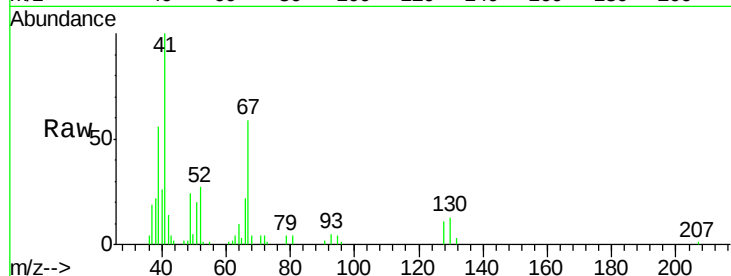




#41
Methacrylonitrile
Concen: 45.800 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

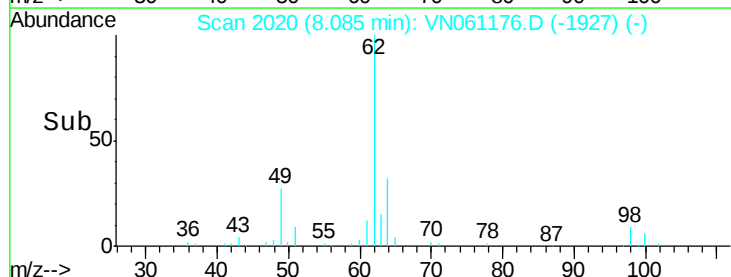
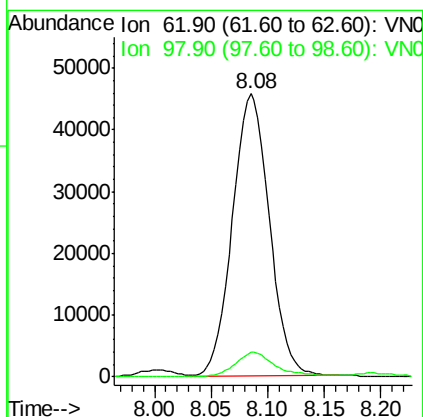
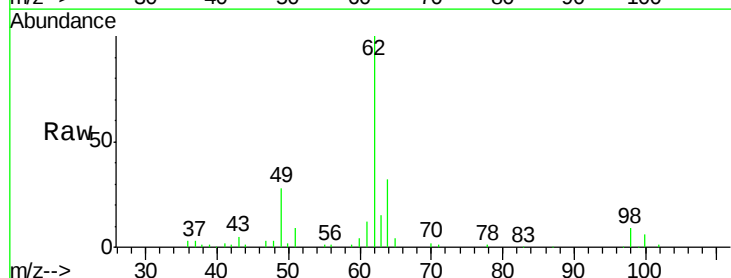
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

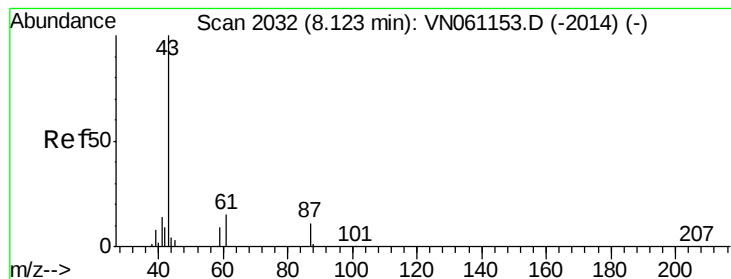
Tot Ion:	41	Resp:	39137
Ion	Ratio	Lower	Upper
41	100		
39	68.3	0.0	0.0#
67	89.6	0.0	0.0#
52	41.7	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 52.335 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion:	62	Resp:	103696
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	16.8





#43

Isopropyl Acetate

Concen: 63.928 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

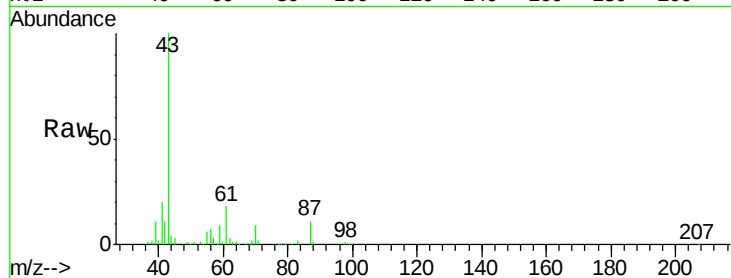
Tot Ion: 43 Resp: 218354

Ion Ratio Lower Upper

43 100

61 14.3 19.5 29.3#

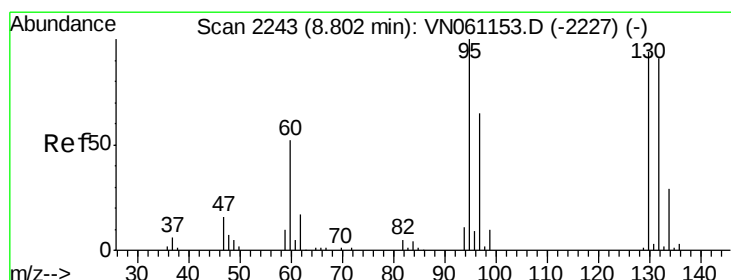
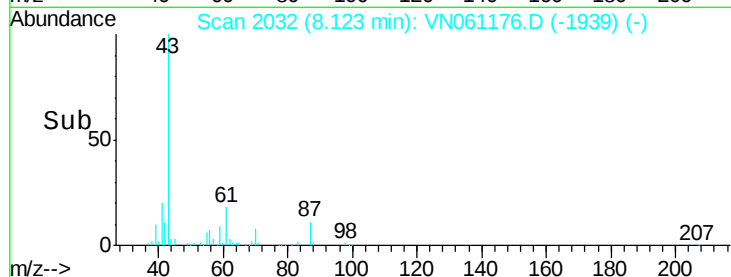
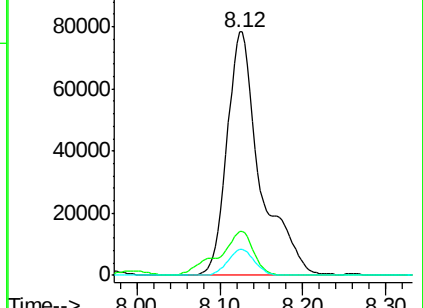
87 8.5 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VN061176.D (-2150) (-)

Ion 61.00 (60.70 to 61.70): VN061176.D (-2150) (-)

Ion 87.00 (86.70 to 87.70): VN061176.D (-2150) (-)



#44

Trichloroethene

Concen: 58.156 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061176.D

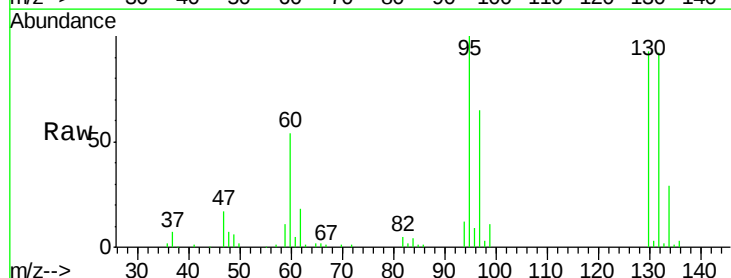
Acq: 28 Apr 2020 20:18

Tgt Ion: 130 Resp: 82226

Ion Ratio Lower Upper

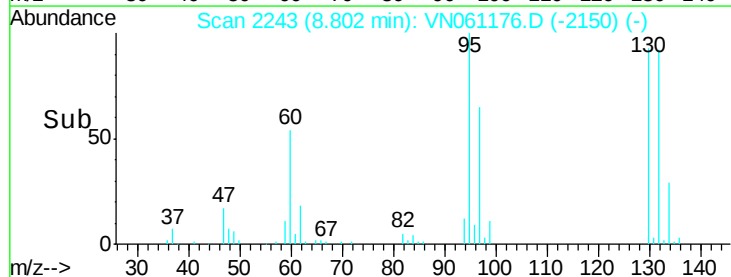
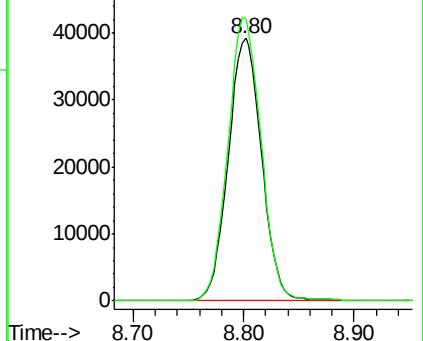
130 100

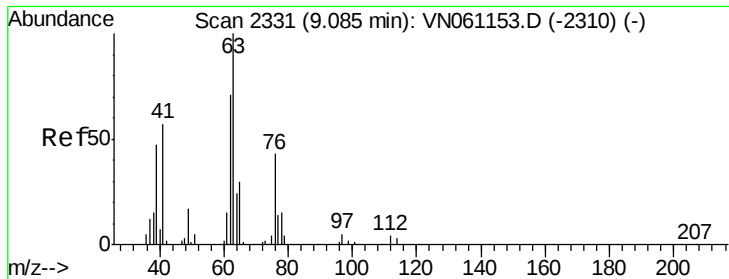
95 107.6 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061176.D (-2150) (-)

Ion 94.90 (94.60 to 95.60): VN061176.D (-2150) (-)





#45

1,2-Dichloropropane

Concen: 51.114 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

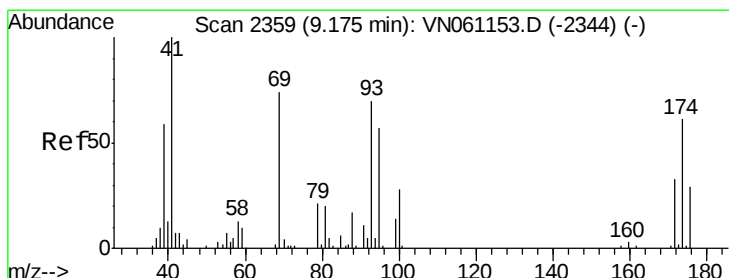
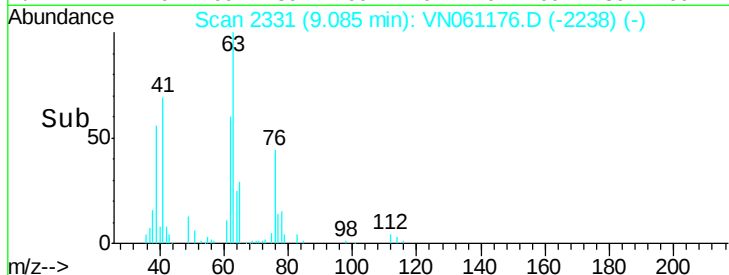
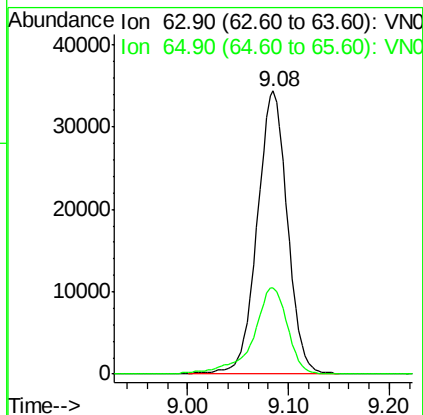
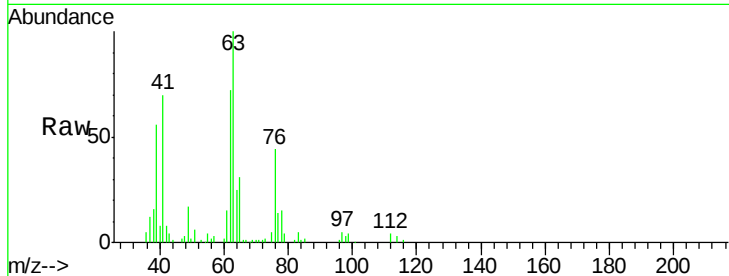
ST006RW149-200422MS

Tot Ion: 63 Resp: 71421

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



#46

Dibromomethane

Concen: 53.923 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

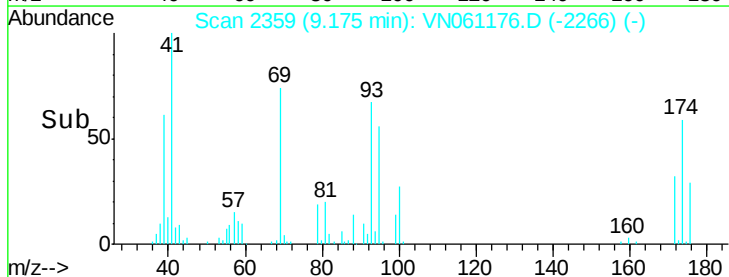
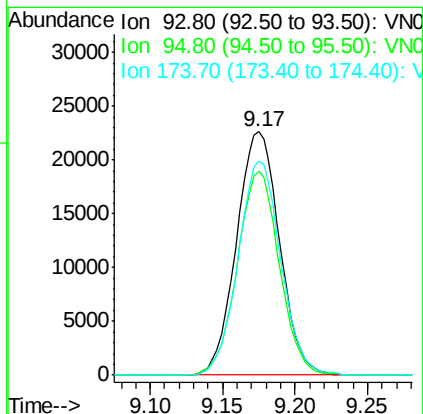
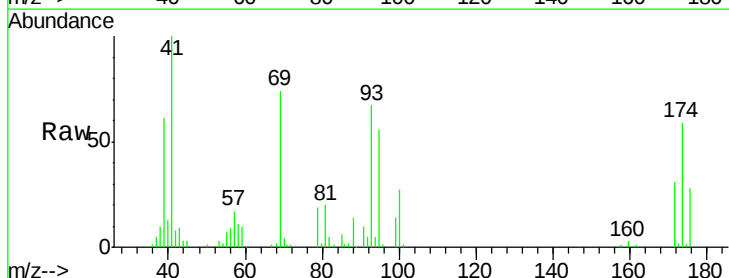
Tgt Ion: 93 Resp: 46652

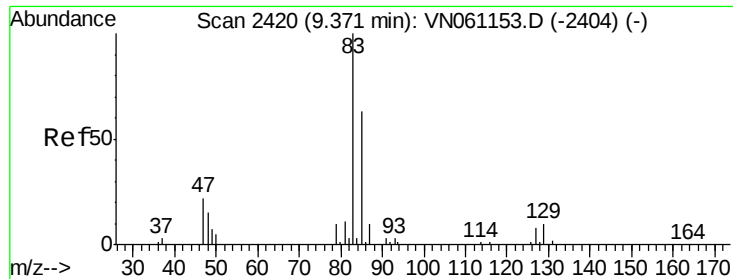
Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

174 87.0 70.2 105.2





#47

Bromodichloromethane

Concen: 53.962 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

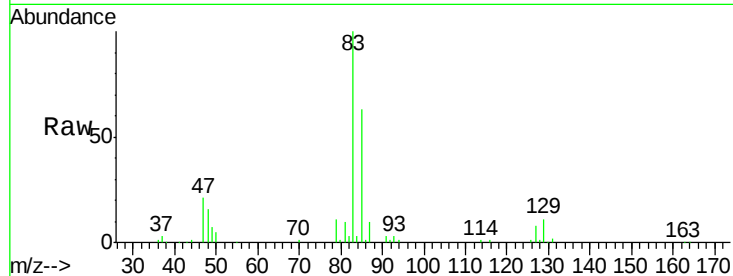
Tot Ion: 83 Resp: 100206

Ion Ratio Lower Upper

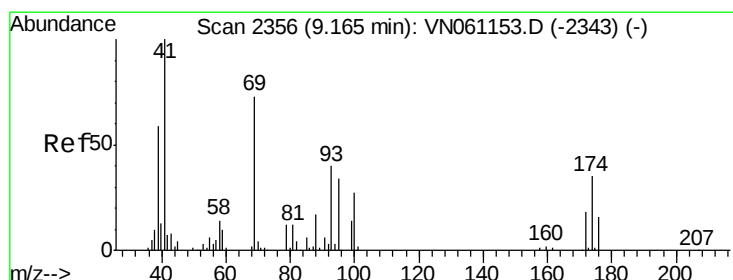
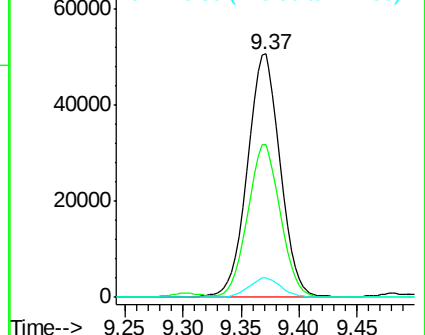
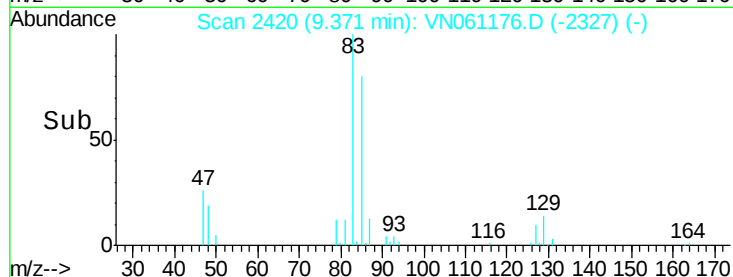
83 100

85 62.8 50.4 75.6

127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061176.D (-2327) (-)



#48

Methyl methacrylate

Concen: 51.896 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

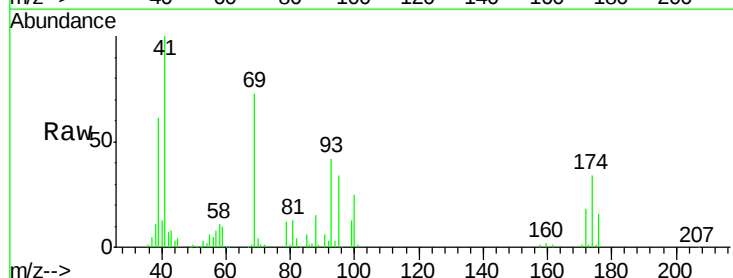
Tgt Ion: 41 Resp: 79987

Ion Ratio Lower Upper

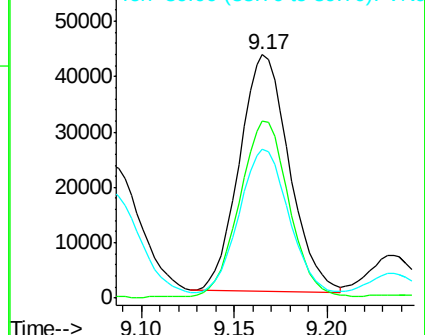
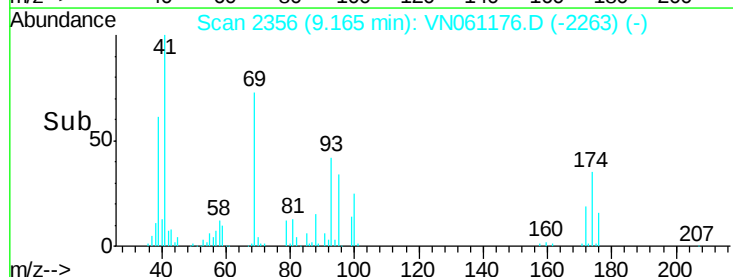
41 100

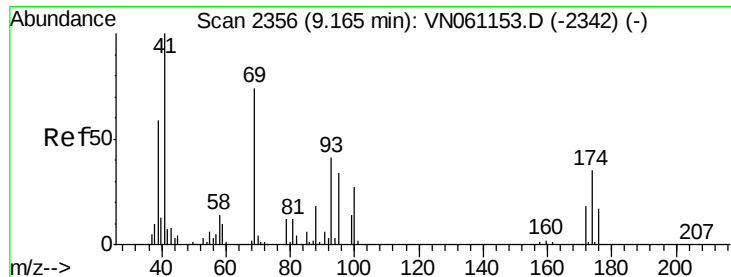
69 74.1 60.3 90.5

39 60.7 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061176.D (-2263) (-)

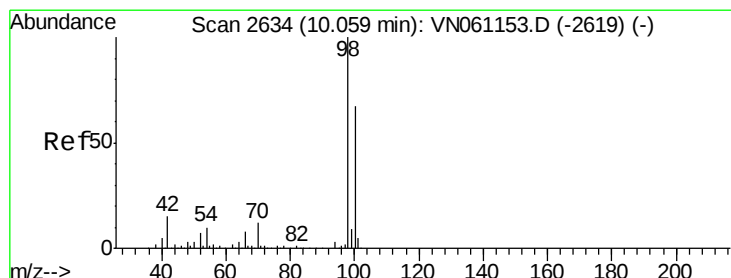
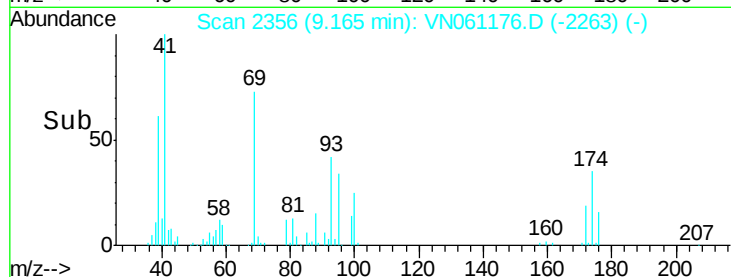
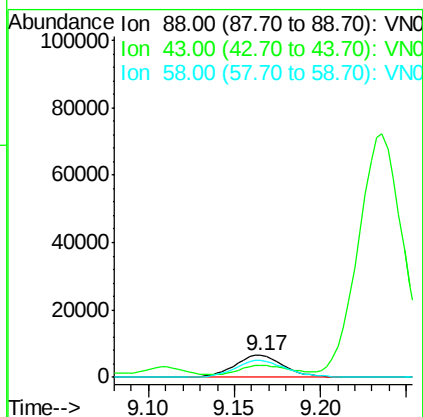
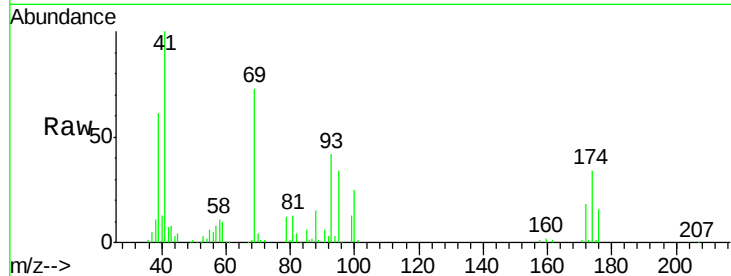




#49
 1,4-Dioxane
 Concen: 743.439 ug/l
 RT: 9.17 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

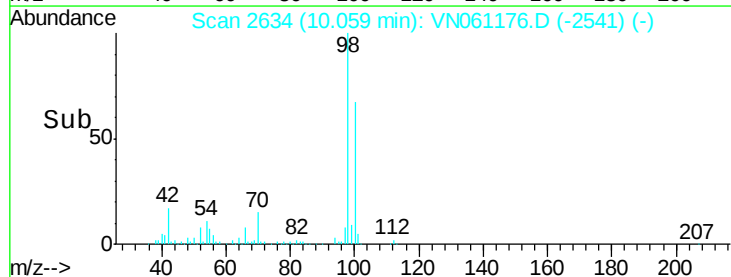
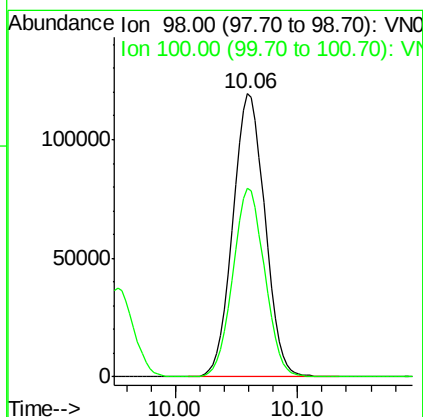
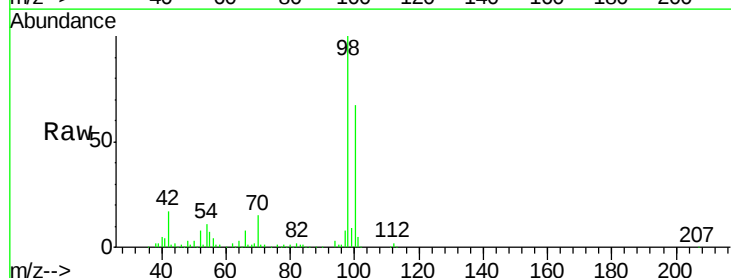
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

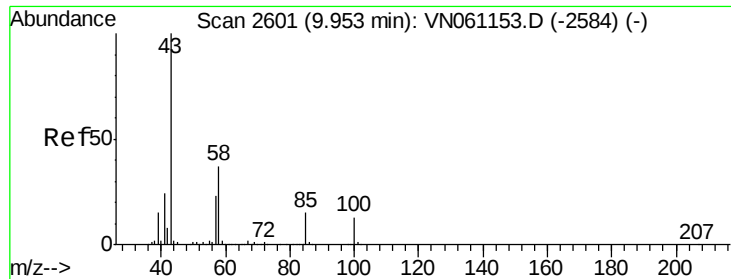
Tot Ion: 88 Resp: 13007
 Ion Ratio Lower Upper
 88 100
 43 61.8 35.3 52.9#
 58 80.7 61.5 92.3



#50
 Toluene-d8
 Concen: 51.525 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 98 Resp: 217815
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.4 80.0

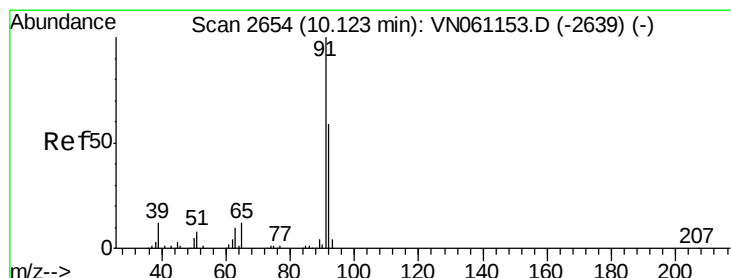
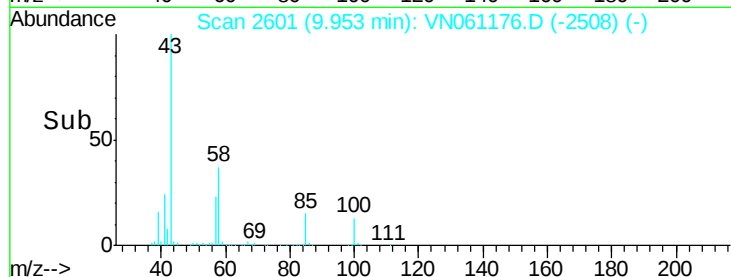
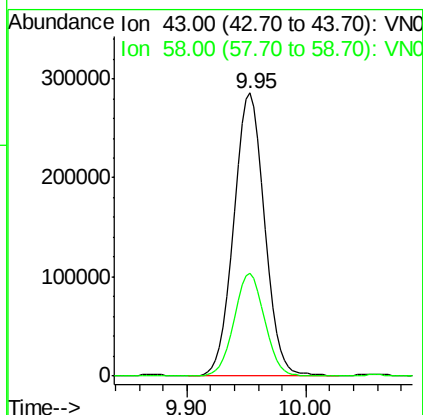
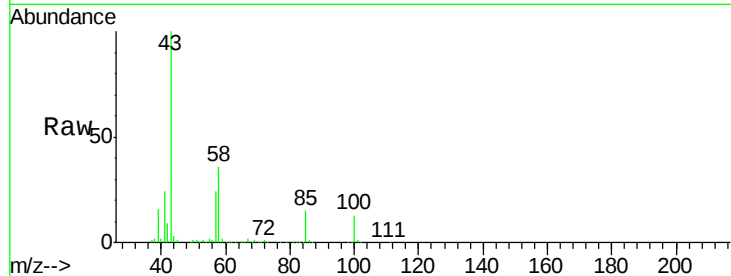




#51
 4-Methyl-2-Pentanone
 Concen: 254.161 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

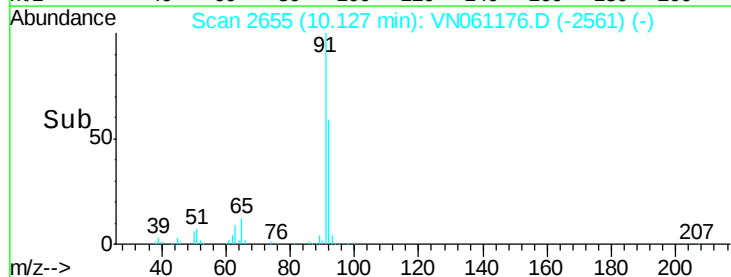
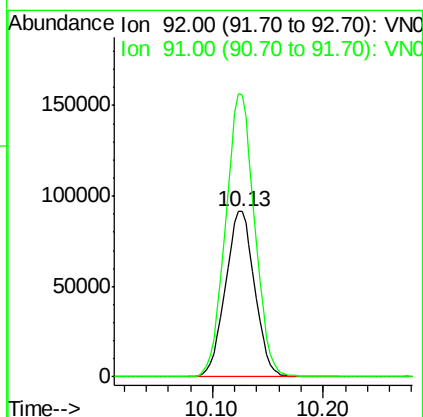
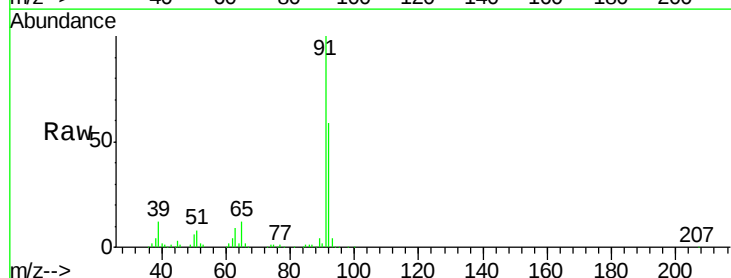
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

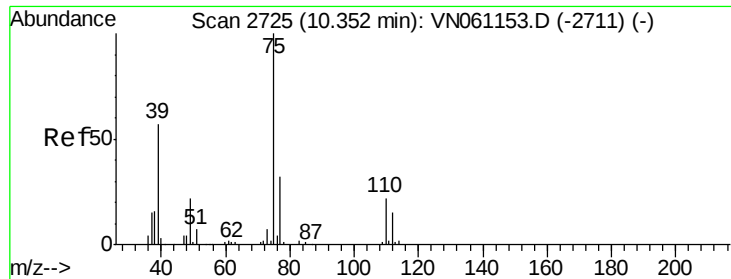
Tot Ion: 43 Resp: 510989
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.1 43.7



#52
 Toluene
 Concen: 53.384 ug/l
 RT: 10.13 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 92 Resp: 168177
 Ion Ratio Lower Upper
 92 100
 91 169.9 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 52.313 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

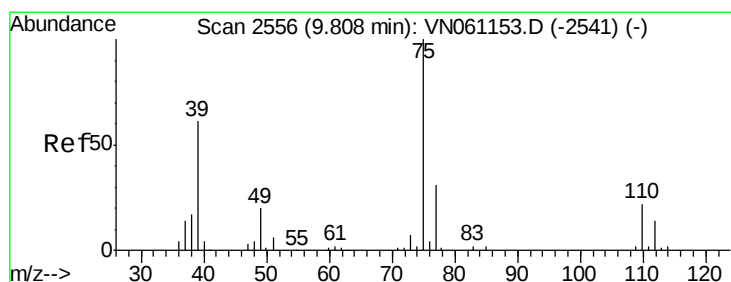
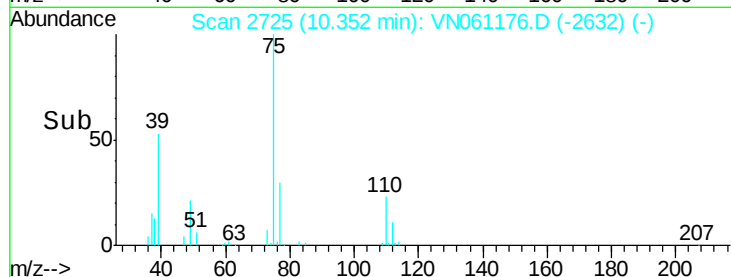
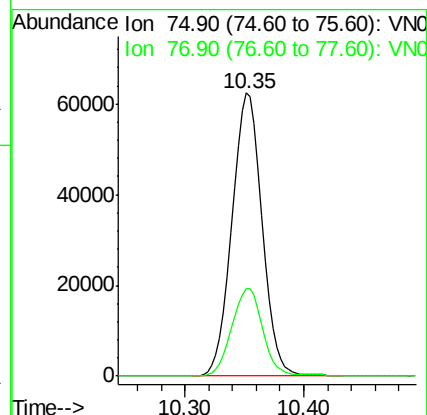
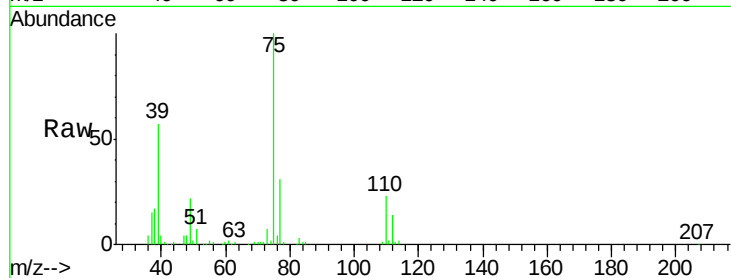
ST006RW149-200422MS

Tot Ion: 75 Resp: 109461

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.290 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

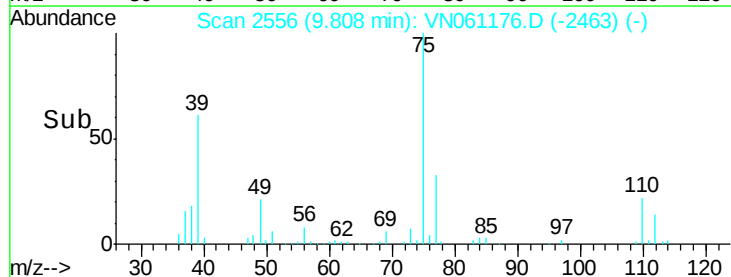
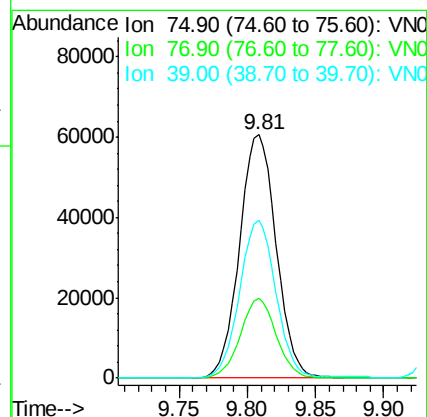
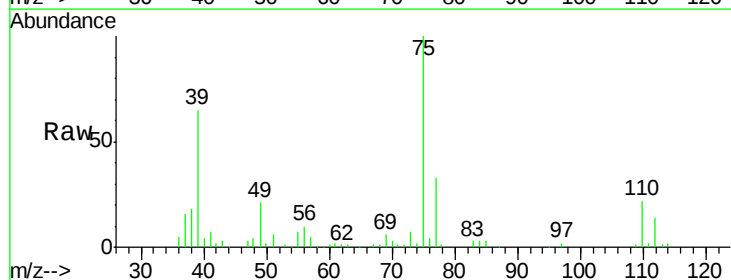
Tgt Ion: 75 Resp: 113459

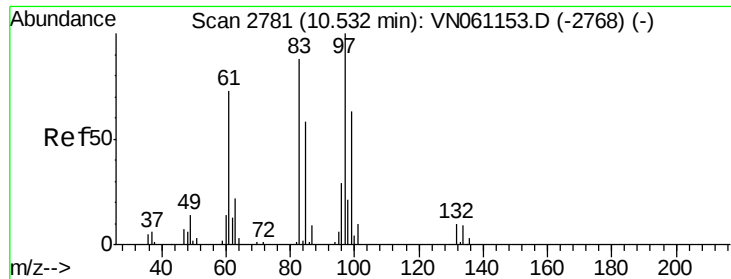
Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

39 64.8 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 54.628 ug/l m

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

Tot Ion: 97 Resp: 68644

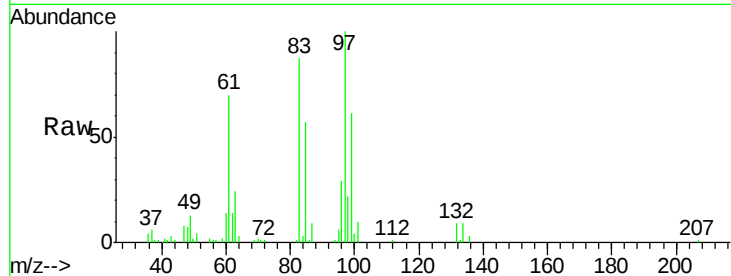
Ion Ratio Lower Upper

97 100

83 86.9 70.6 106.0

85 56.9 46.4 69.6

99 61.0 50.6 75.8

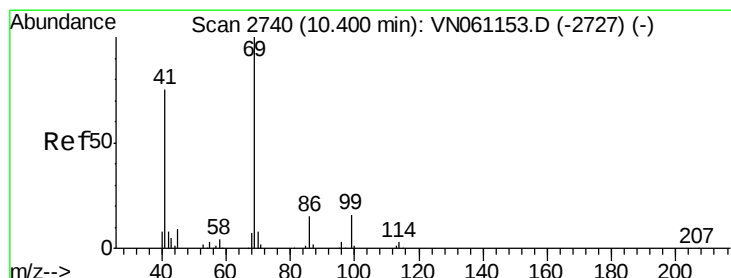
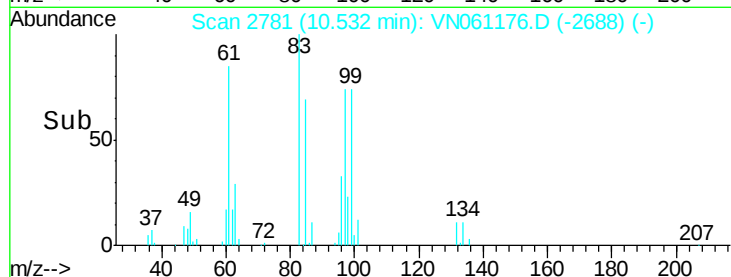
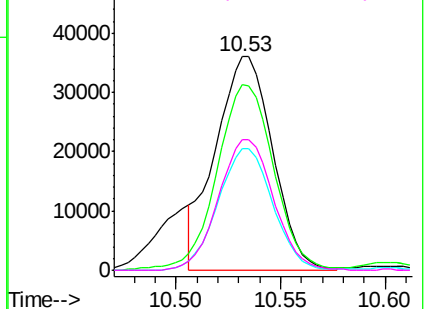


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 50.777 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

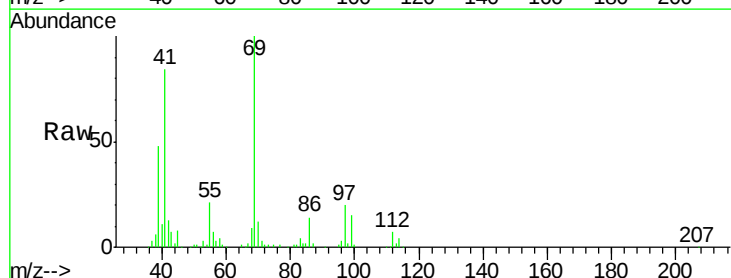
Tgt Ion: 69 Resp: 111284

Ion Ratio Lower Upper

69 100

41 83.2 60.3 90.5

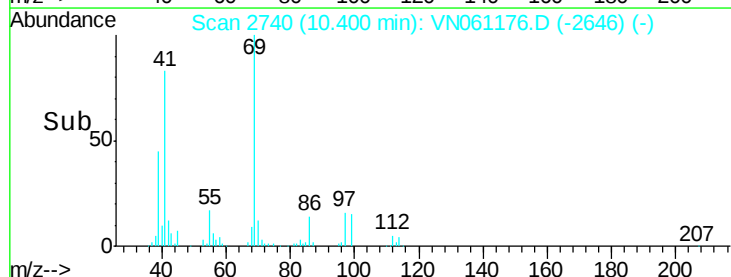
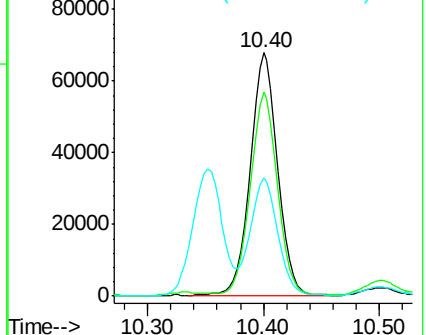
39 48.4 35.9 53.9

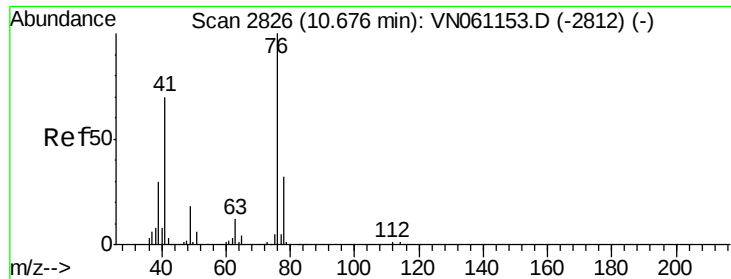


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.246 ug/l

RT: 10.68 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

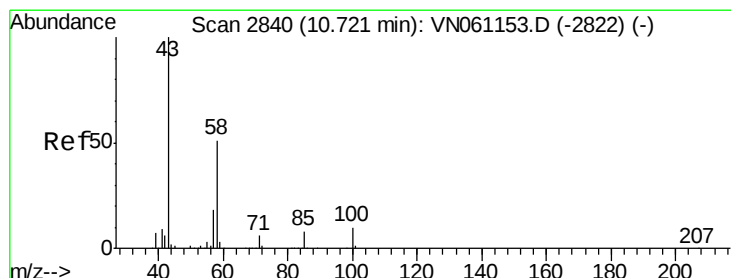
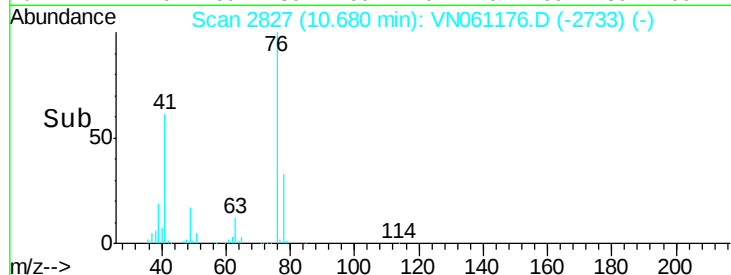
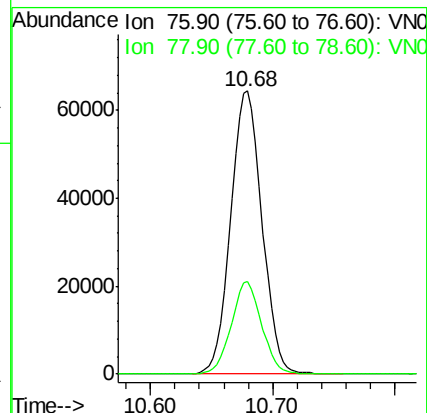
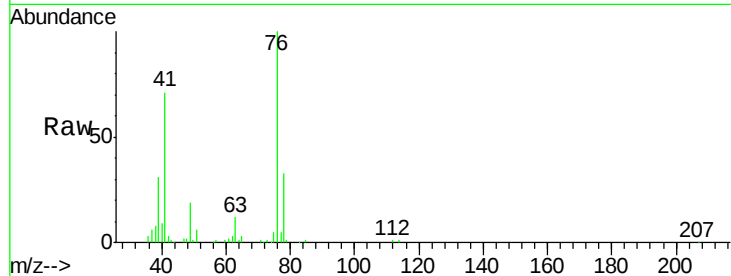
ST006RW149-200422MS

Tot Ion: 76 Resp: 115397

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



#59

2-Hexanone

Concen: 254.158 ug/l

RT: 10.72 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN061176.D

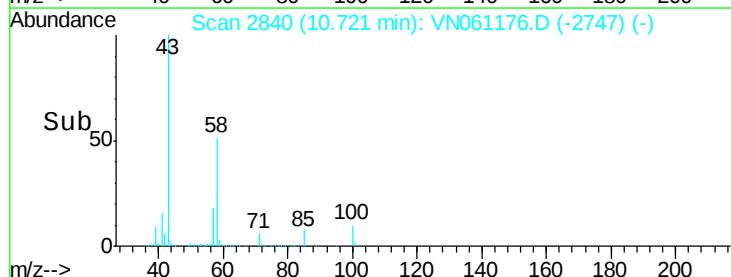
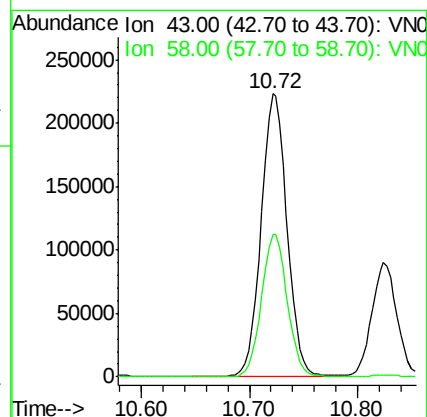
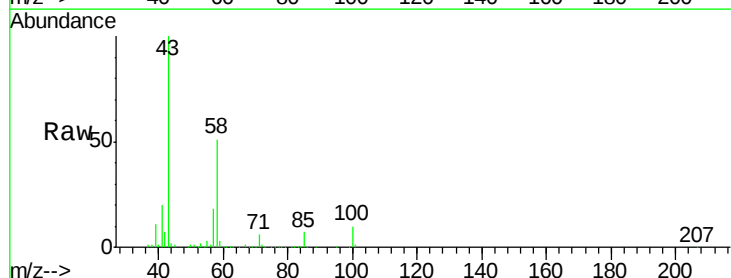
Acq: 28 Apr 2020 20:18

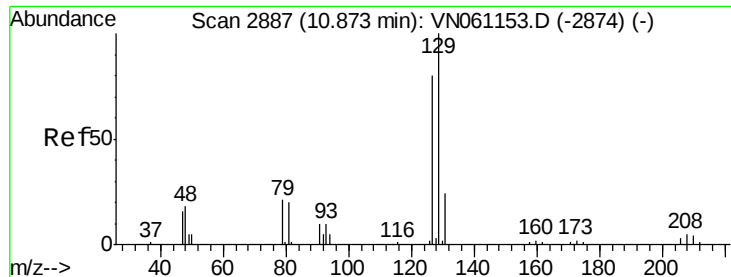
Tgt Ion: 43 Resp: 371750

Ion Ratio Lower Upper

43 100

58 50.3 25.4 76.4





#60

Dibromochloromethane

Concen: 53.076 ug/l

RT: 10.88 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

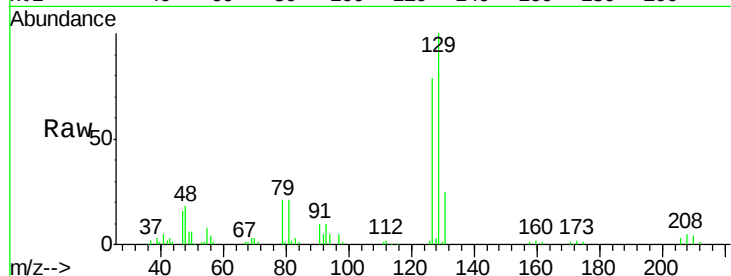
ST006RW149-200422MS

Tot Ion:129 Resp: 69851

Ion Ratio Lower Upper

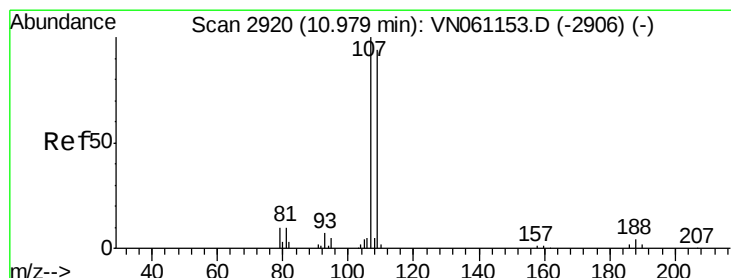
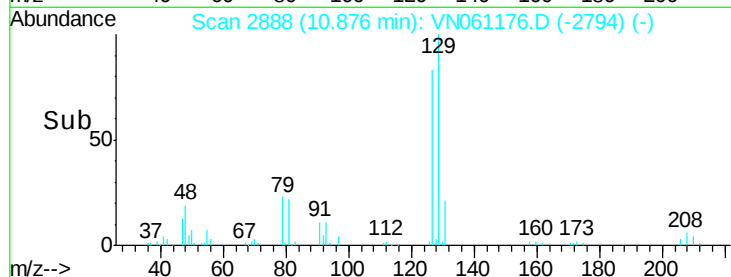
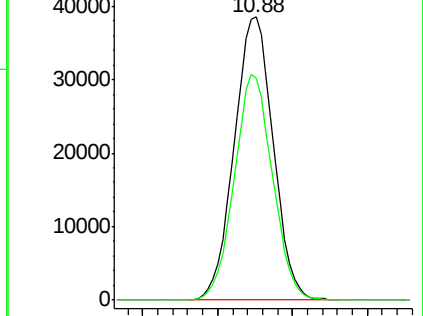
129 100

127 78.0 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.636 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VN061176.D

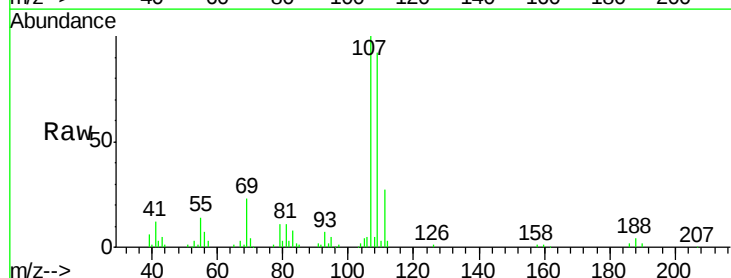
Acq: 28 Apr 2020 20:18

Tgt Ion:107 Resp: 67552

Ion Ratio Lower Upper

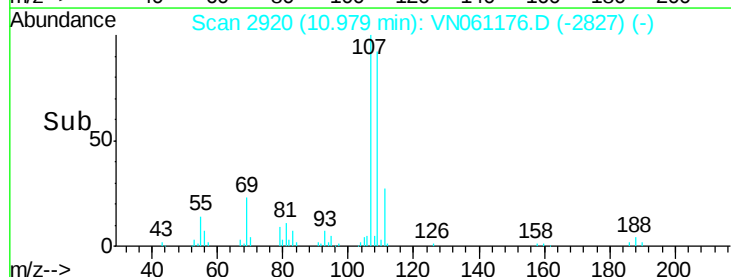
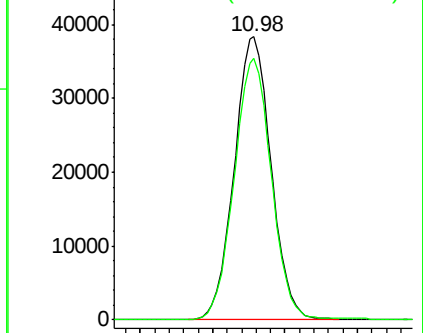
107 100

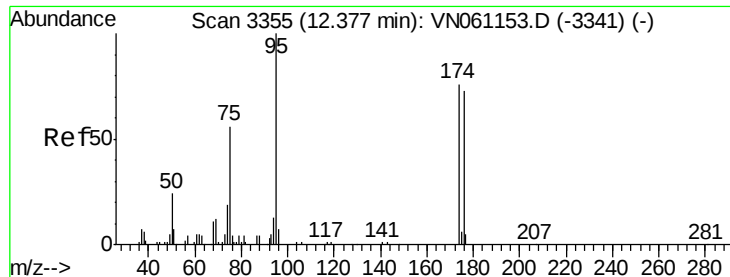
109 93.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.369 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

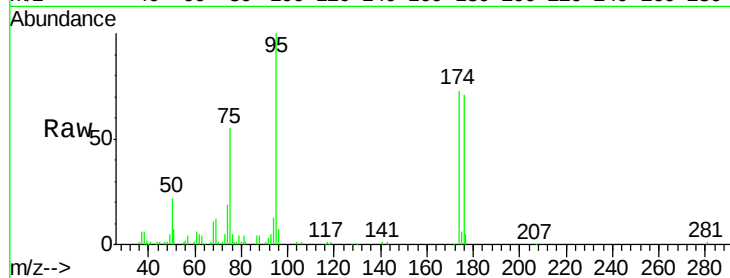
Tot Ion: 95 Resp: 83311

Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

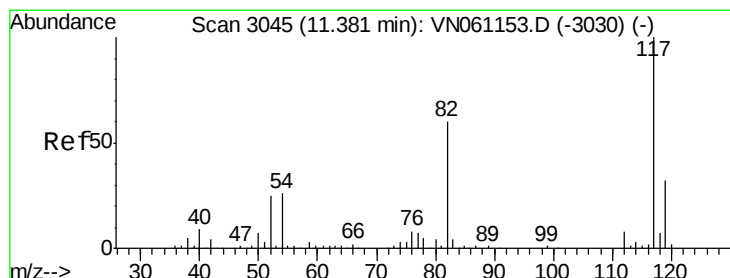
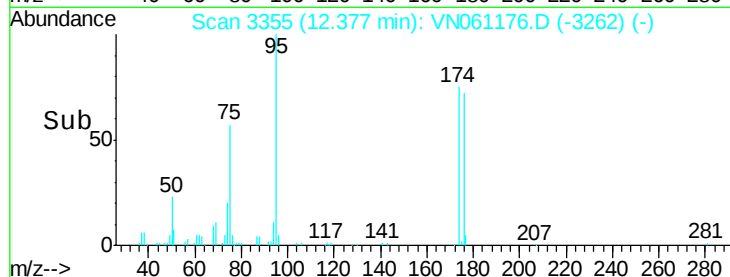
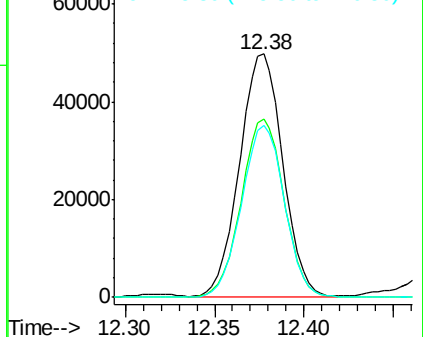
176 70.7 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

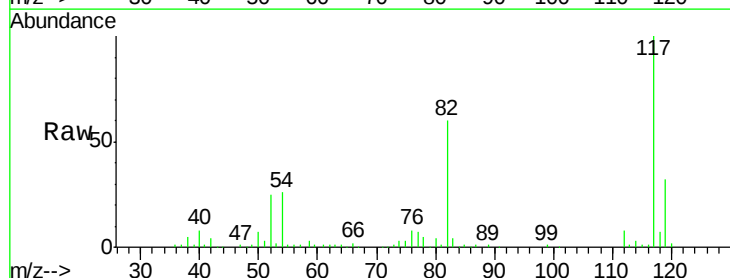
Tgt Ion: 117 Resp: 166380

Ion Ratio Lower Upper

117 100

82 59.7 47.8 71.8

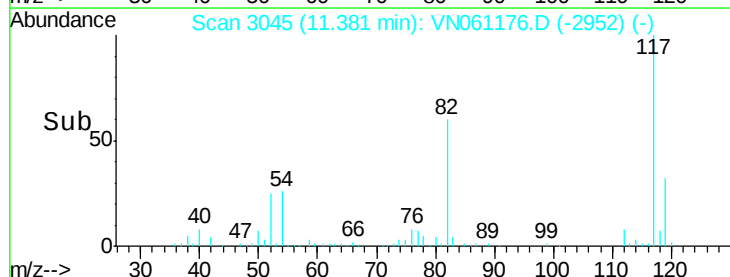
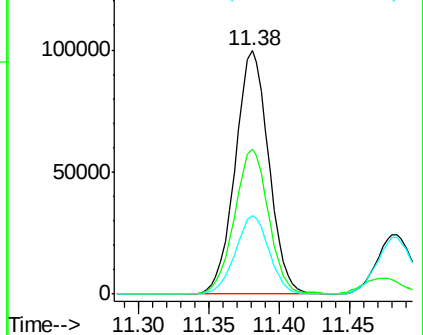
119 32.3 25.8 38.6

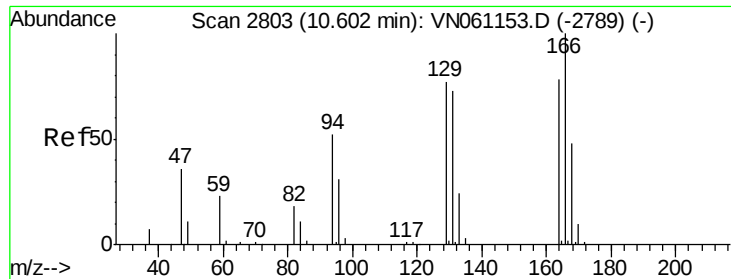


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

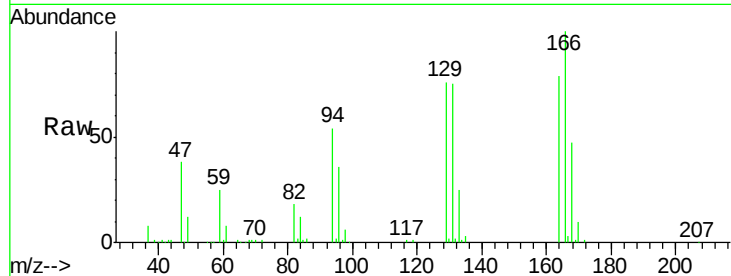




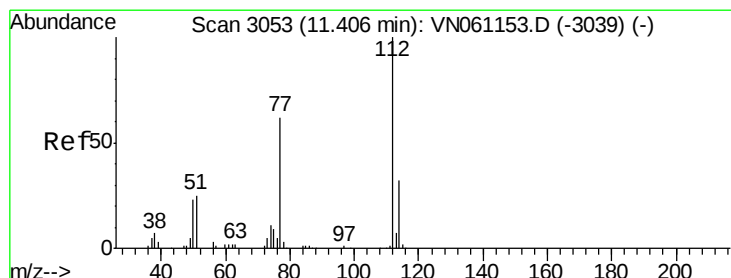
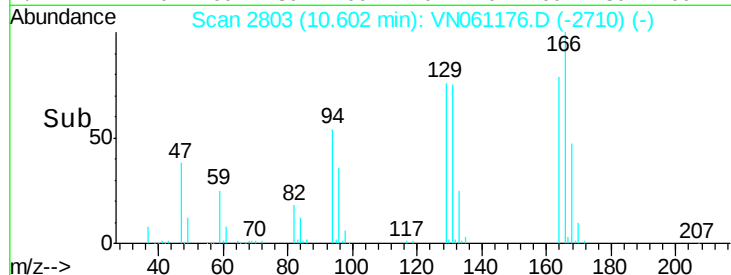
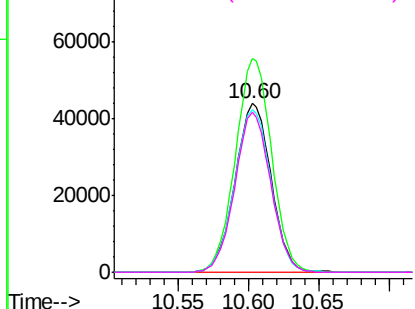
#64
Tetrachloroethene
Concen: 54.798 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

Tot Ion:164 Resp: 78966
Ion Ratio Lower Upper
164 100
166 126.7 102.0 153.0
129 96.8 78.2 117.2
131 94.9 74.5 111.7

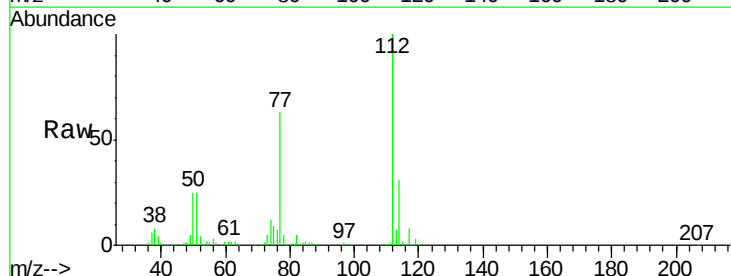


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

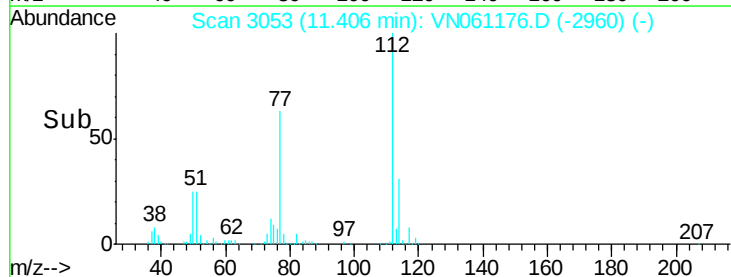
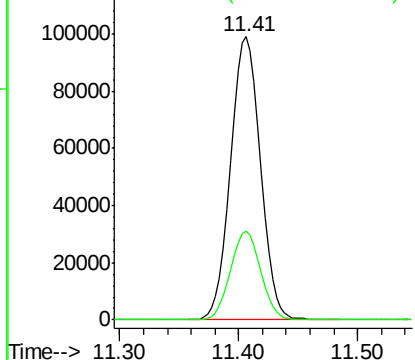


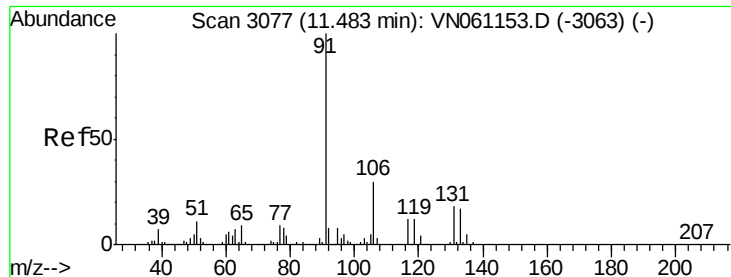
#65
Chlorobenzene
Concen: 52.335 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion:112 Resp: 172727
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 54.051 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

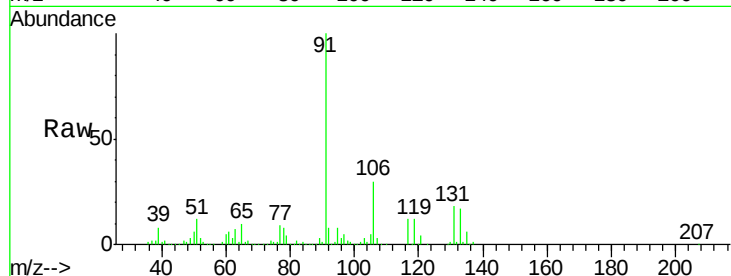
Tot Ion:131 Resp: 63848

Ion Ratio Lower Upper

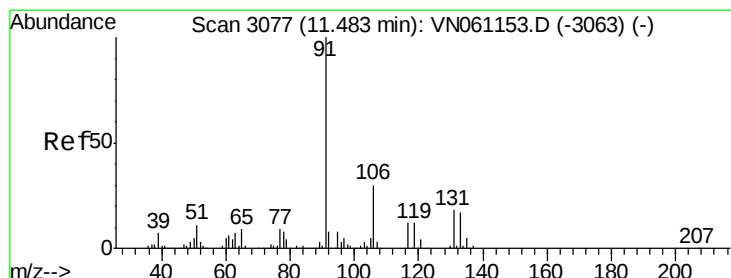
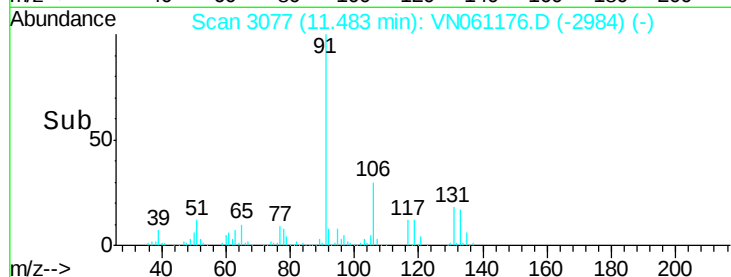
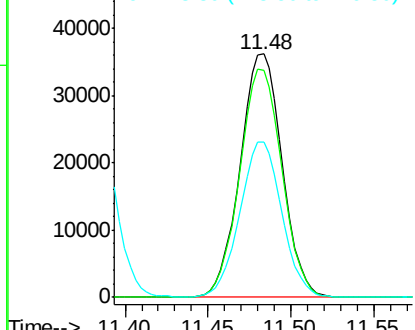
131 100

133 94.5 48.0 144.2

119 63.9 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 53.332 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061176.D

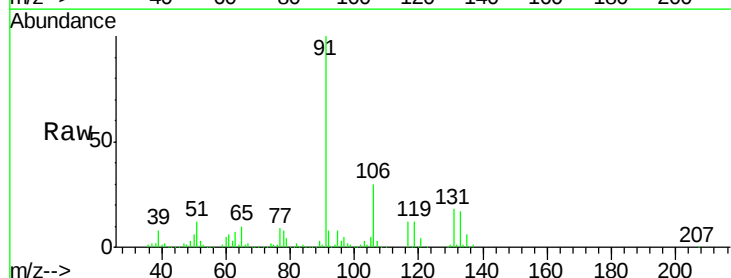
Acq: 28 Apr 2020 20:18

Tgt Ion: 91 Resp: 329503

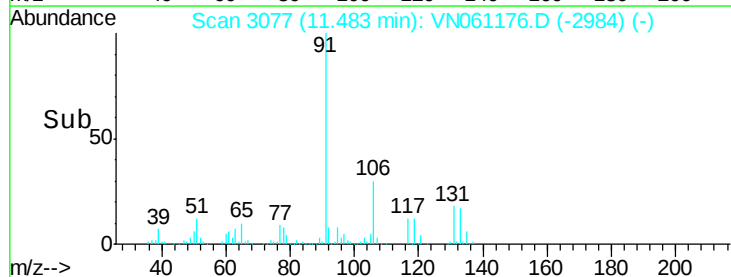
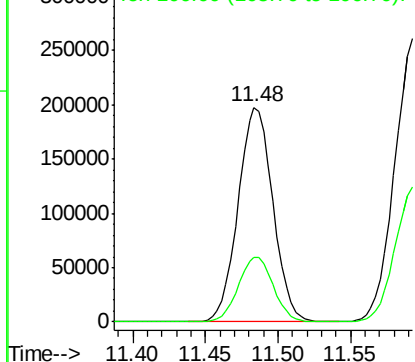
Ion Ratio Lower Upper

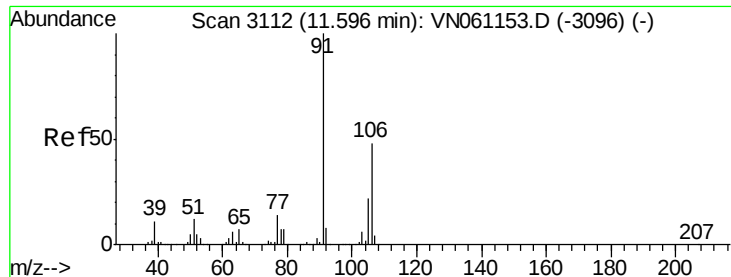
91 100

106 30.2 23.8 35.6



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

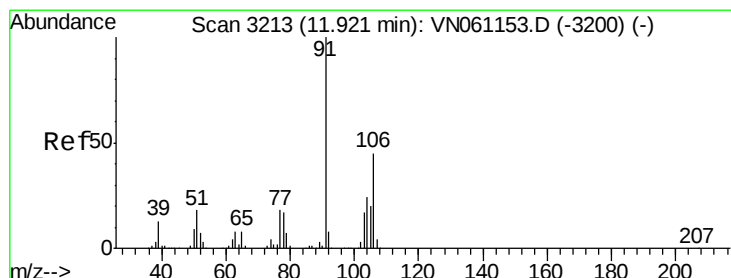
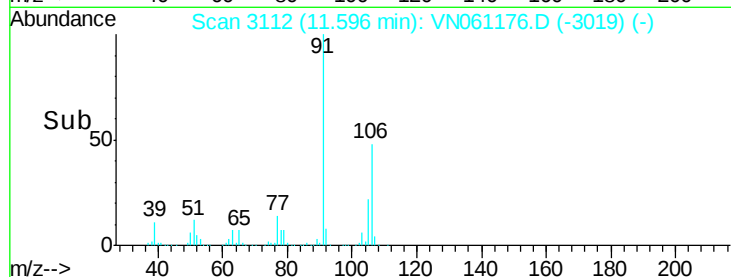
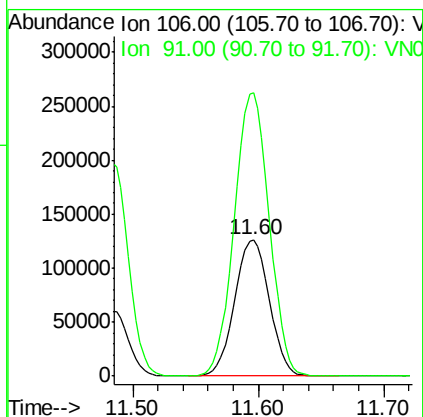
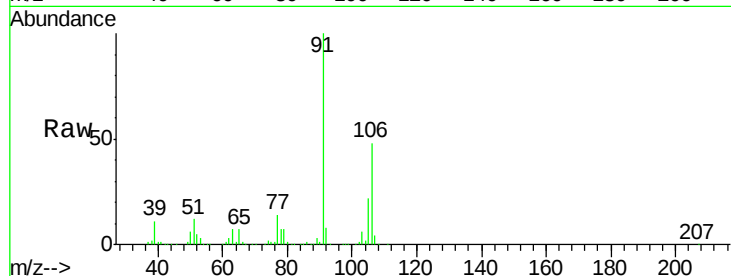




#68
m/p-Xylenes
Concen: 107.216 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

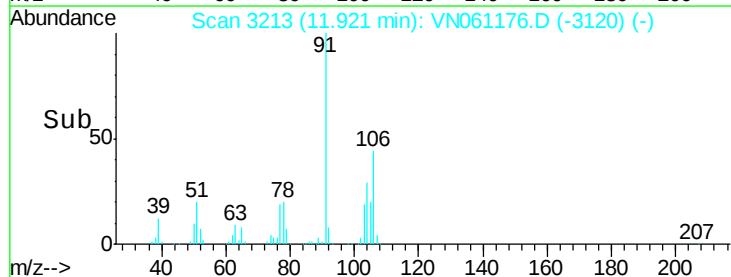
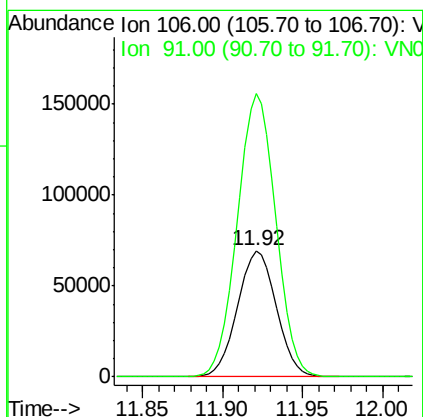
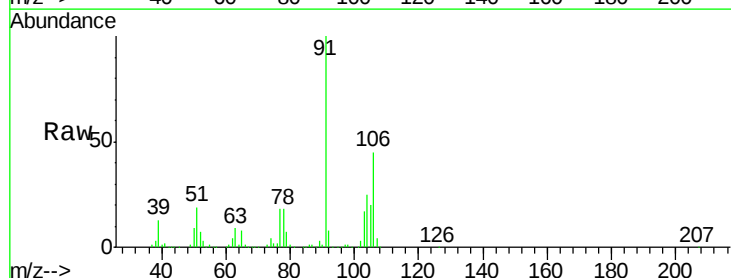
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

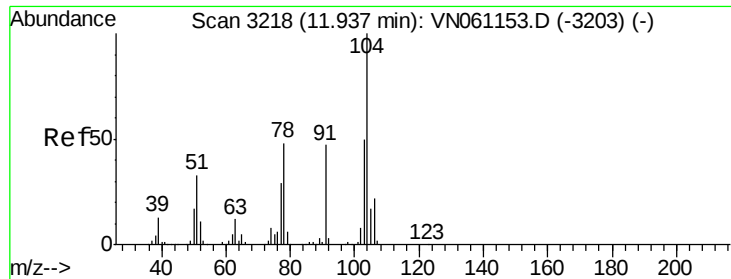
Tot Ion:106 Resp: 242464
Ion Ratio Lower Upper
106 100
91 209.2 166.4 249.6



#69
o-Xylene
Concen: 52.756 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion:106 Resp: 114600
Ion Ratio Lower Upper
106 100
91 222.6 109.7 329.0

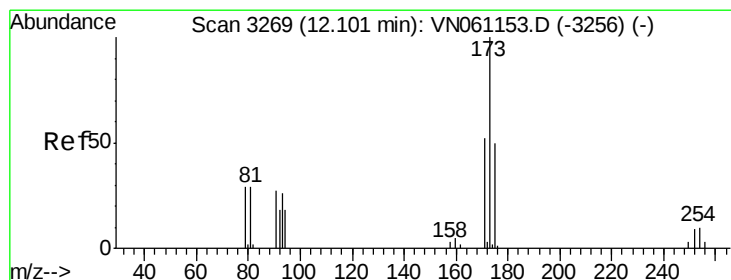
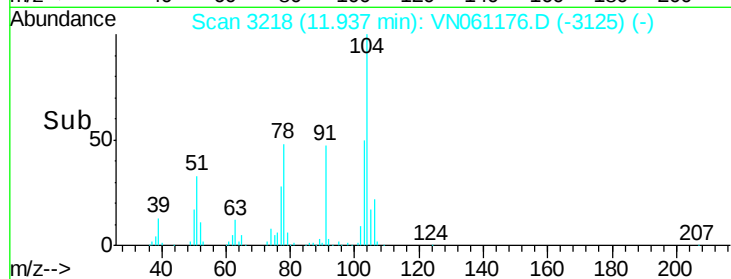
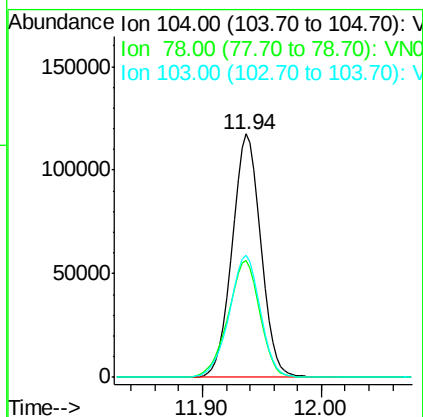
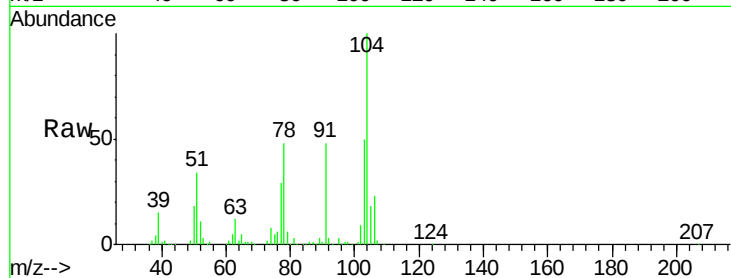




#70
Stvrene
Concen: 54.028 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

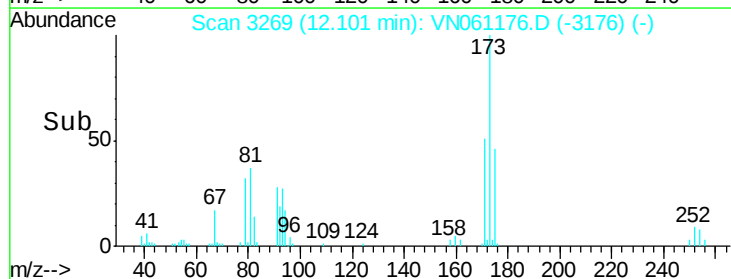
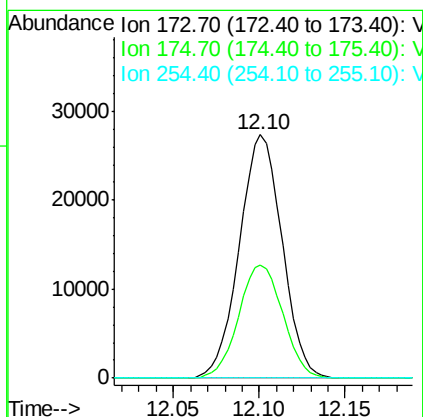
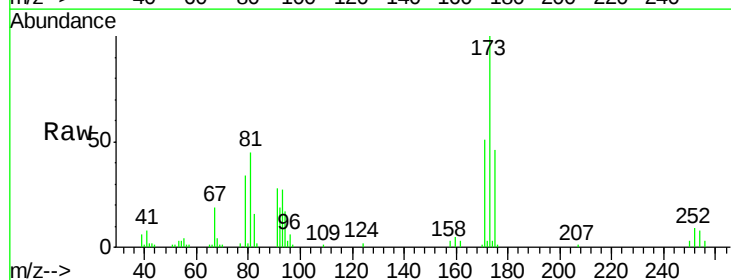
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

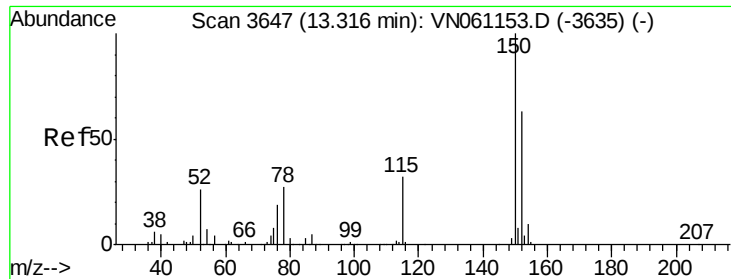
Tot Ion:104 Resp: 196432
Ion Ratio Lower Upper
104 100
78 53.1 42.1 63.1
103 54.2 43.3 64.9



#71
Bromoform
Concen: 54.434 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion:173 Resp: 47257
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

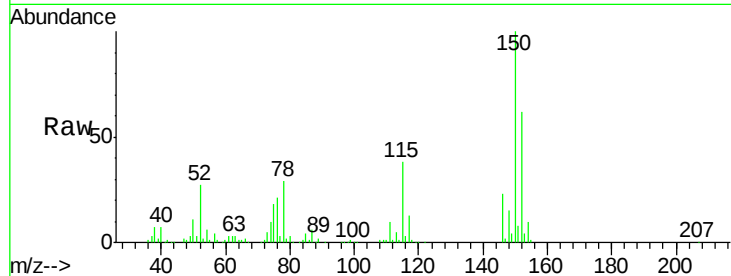
Tot Ion:152 Resp: 84067

Ion Ratio Lower Upper

152 100

115 61.4 31.0 93.0

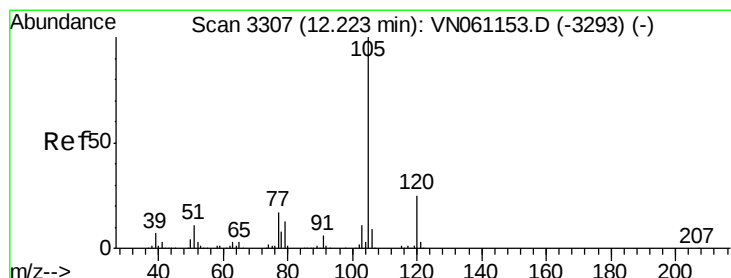
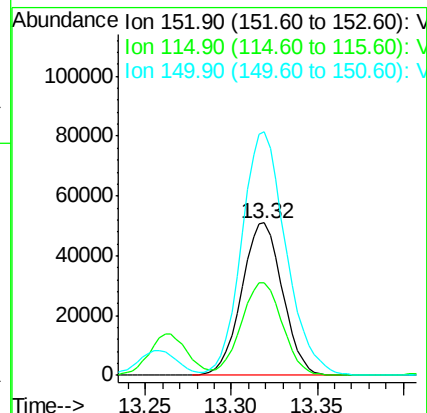
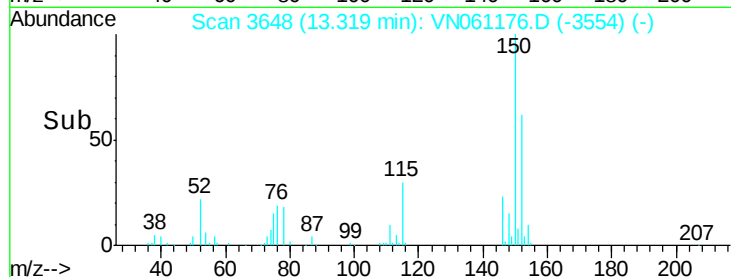
150 173.5 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.091 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061176.D

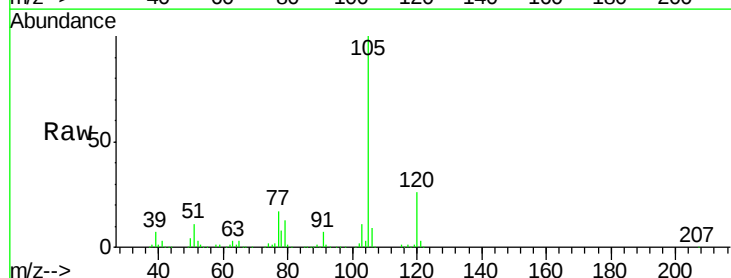
Acq: 28 Apr 2020 20:18

Tgt Ion:105 Resp: 315749

Ion Ratio Lower Upper

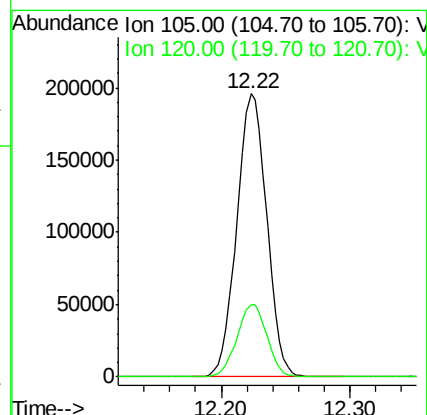
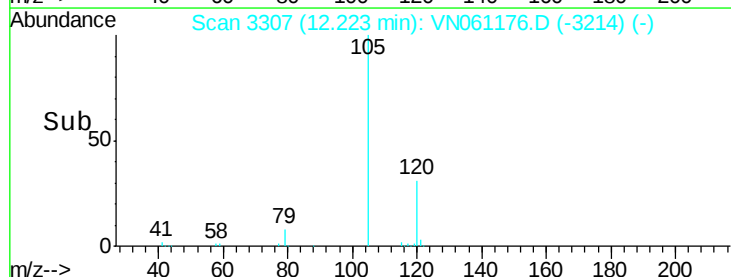
105 100

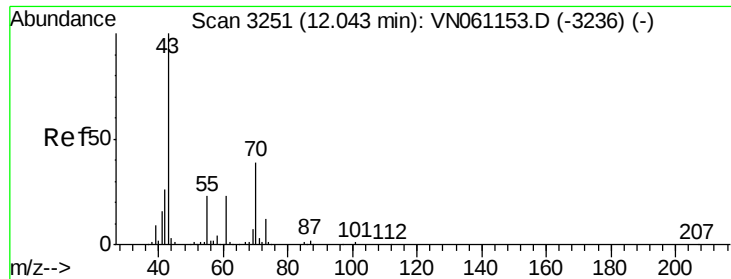
120 25.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 48.554 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

Tot Ion: 43 Resp: 151951

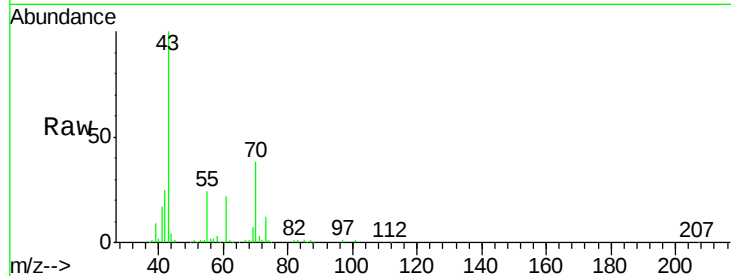
Ion Ratio Lower Upper

43 100

70 37.9 30.6 46.0

55 24.8 18.5 27.7

61 22.1 17.9 26.9

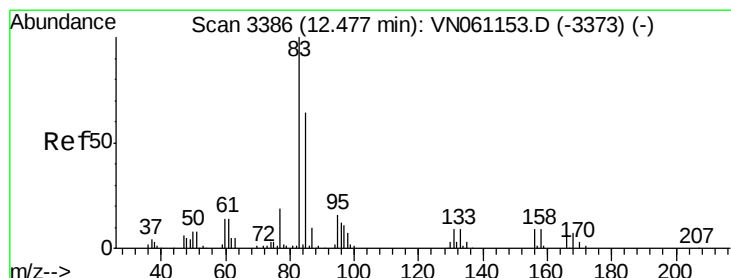
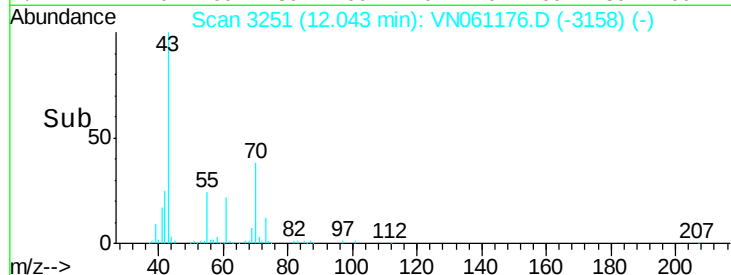
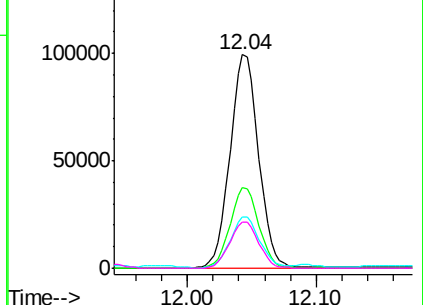


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.505 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

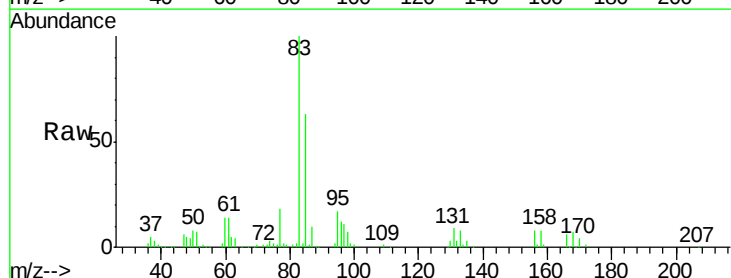
Tgt Ion: 83 Resp: 97326

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

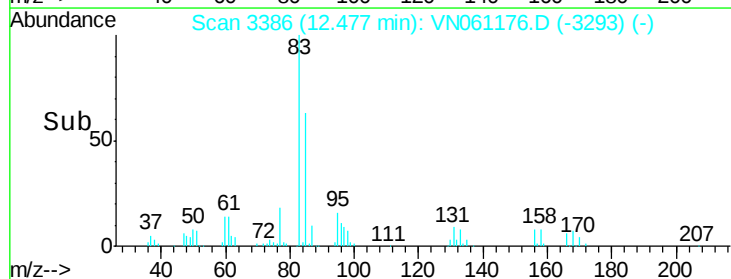
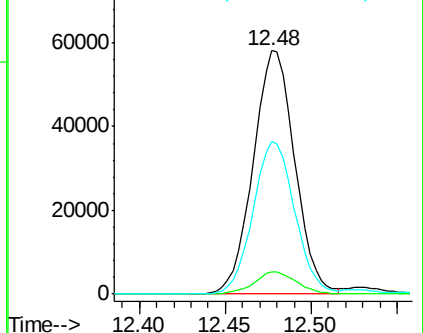
85 62.9 32.0 96.0

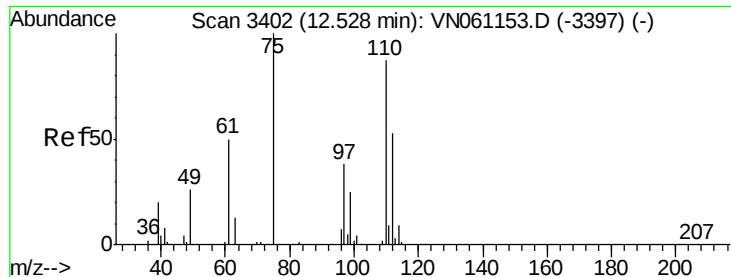


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

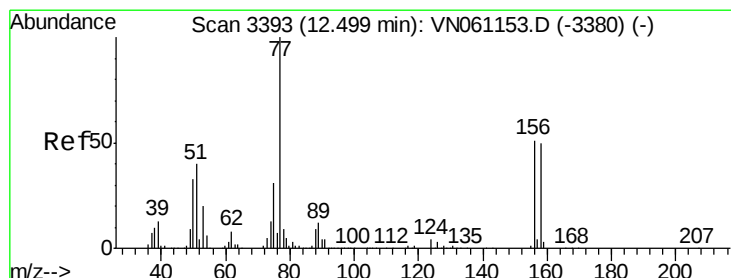
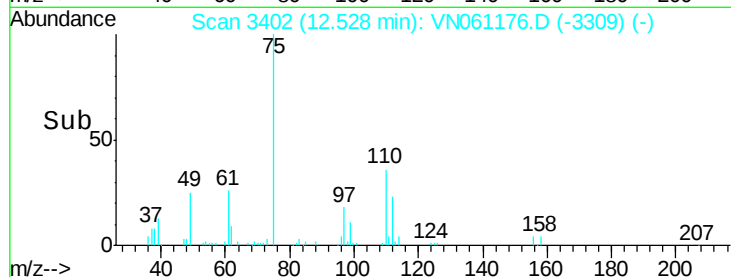
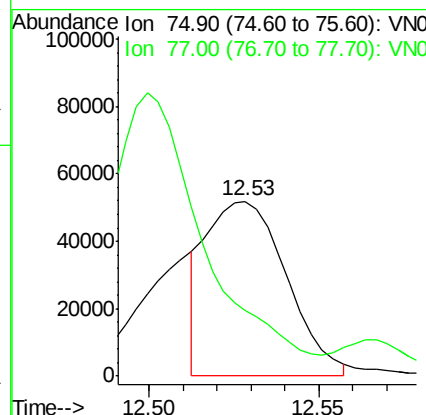
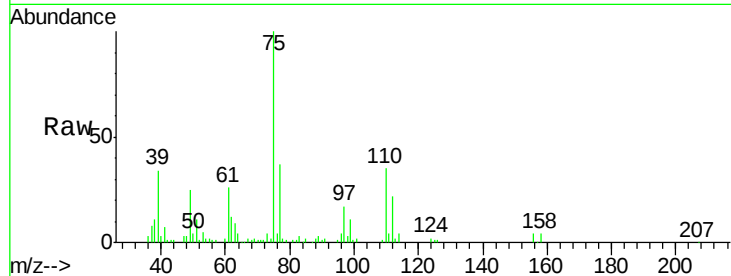




#76
 1,2,3-Trichloropropane
 Concen: 48.193 ug/l m
 RT: 12.53 min Scan# 3402
 Delta R.T. -0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

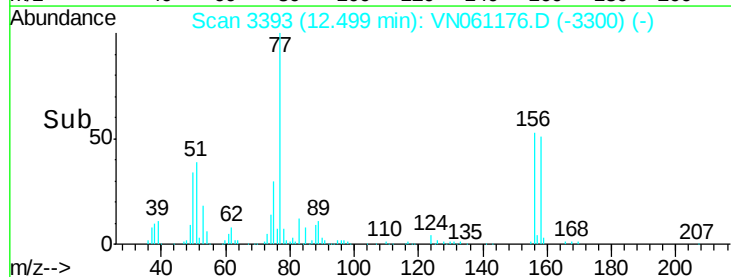
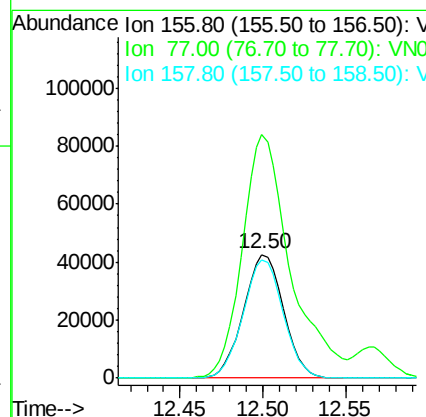
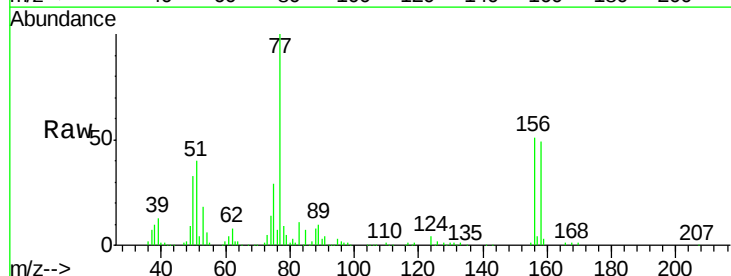
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

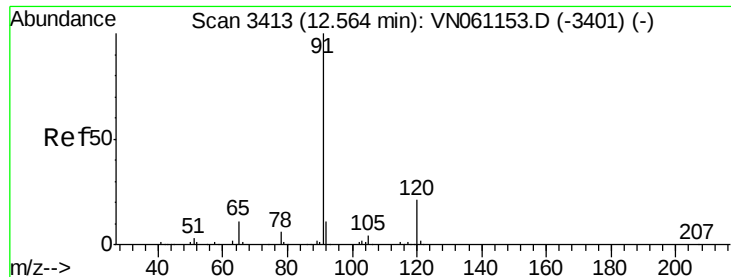
Tot Ion: 75 Resp: 85415
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 50.263 ug/l
 RT: 12.50 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 156 Resp: 71708
 Ion Ratio Lower Upper
 156 100
 77 237.4 117.4 352.2
 158 96.1 48.4 145.0





#78

n-propylbenzene

Concen: 51.849 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

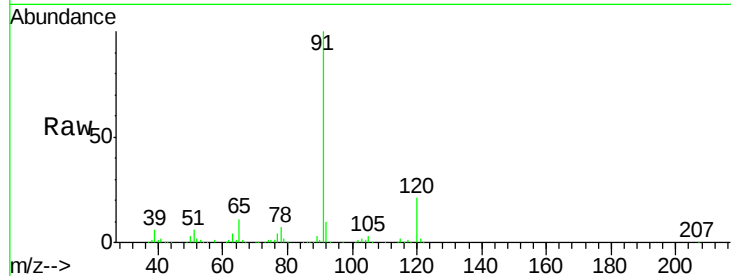
ST006RW149-200422MS

Tot Ion: 91 Resp: 380069

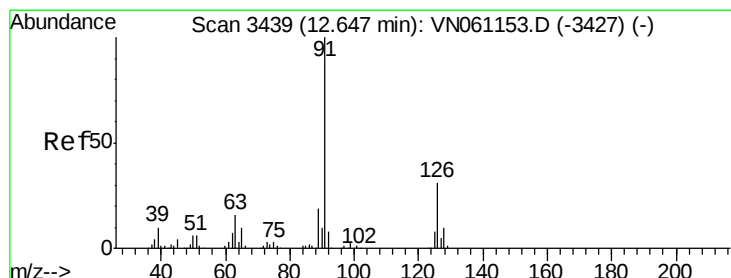
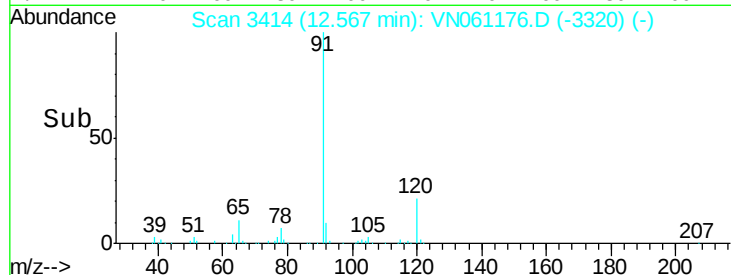
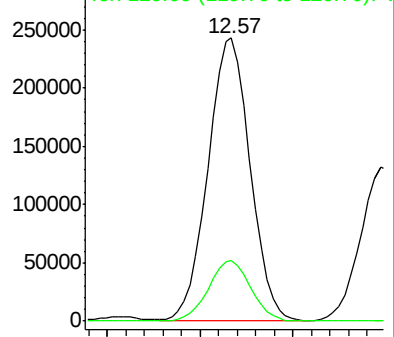
Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN061176.D (-3320) (-)



#79

2-Chlorotoluene

Concen: 50.653 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. -0.00 min

Lab File: VN061176.D

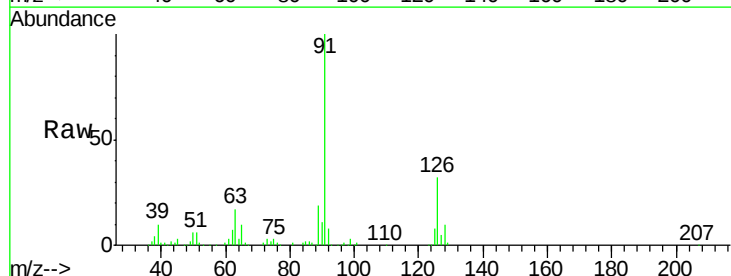
Acq: 28 Apr 2020 20:18

Tgt Ion: 91 Resp: 218243

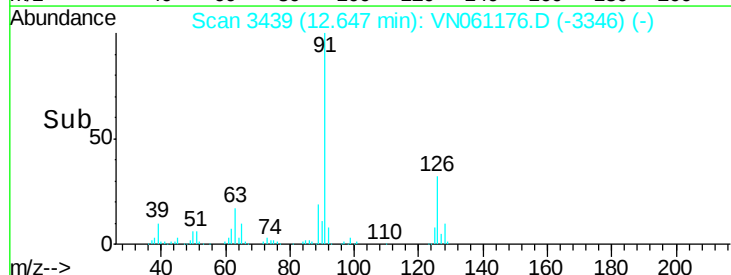
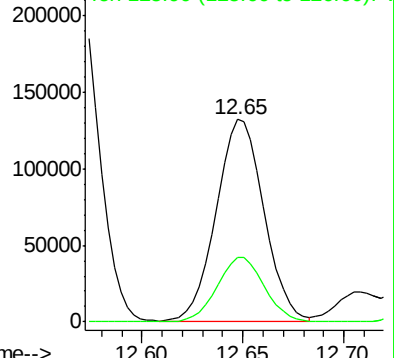
Ion Ratio Lower Upper

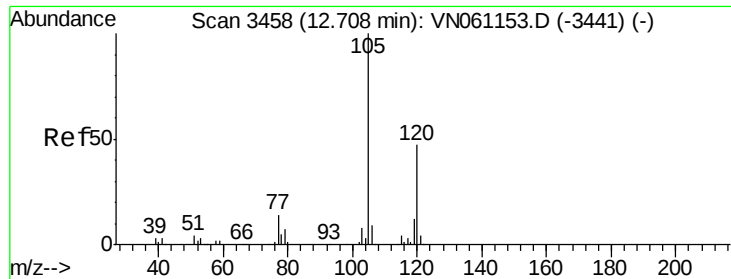
91 100

126 31.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061176.D (-3346) (-)

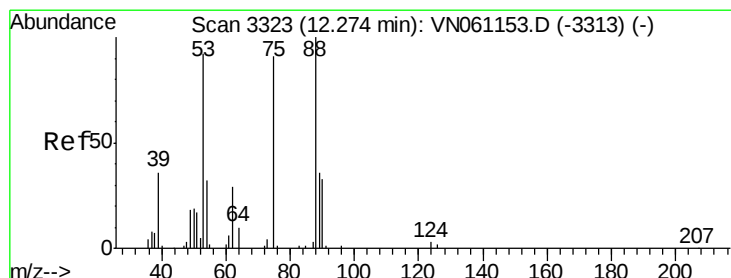
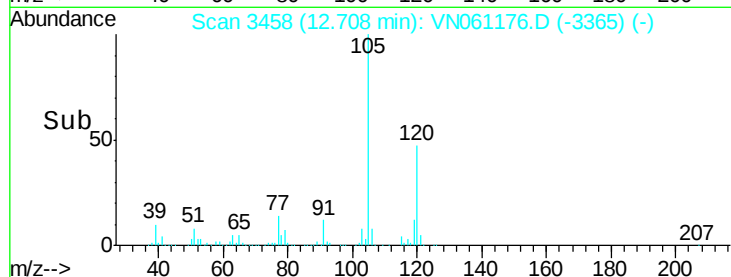
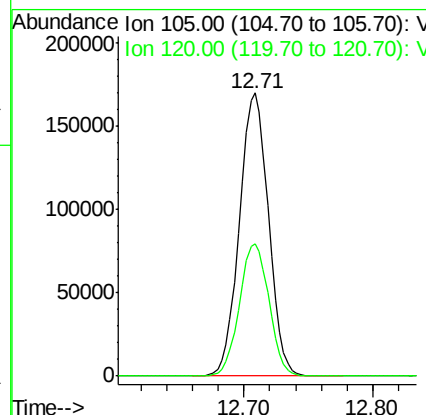
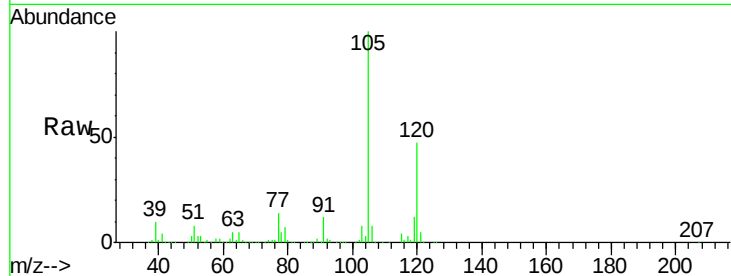




#80
 1,3,5-Trimethylbenzene
 Concen: 52.139 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

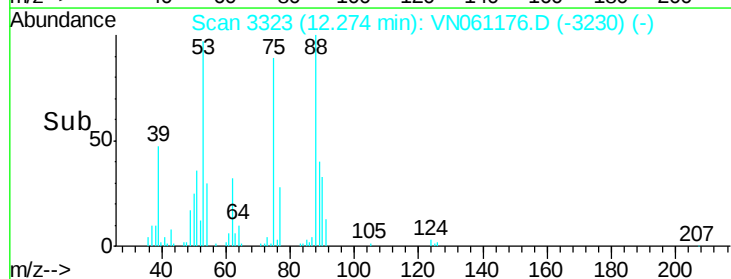
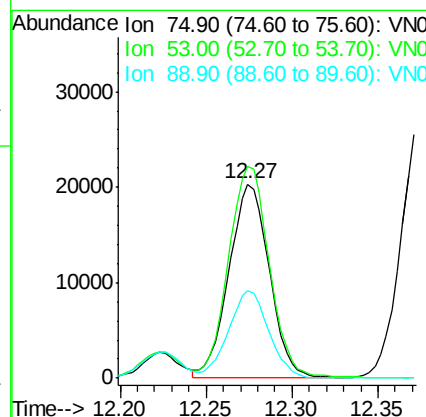
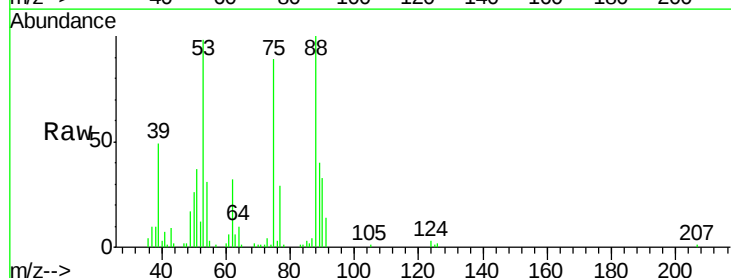
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

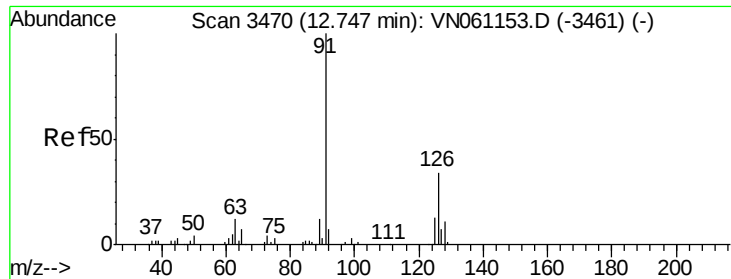
Tot Ion:105 Resp: 266693
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.674 ug/l
 RT: 12.27 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion: 75 Resp: 33273
 Ion Ratio Lower Upper
 75 100
 53 111.1 84.1 126.1
 89 44.9 35.2 52.8





#82

4-Chlorotoluene

Concen: 51.325 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

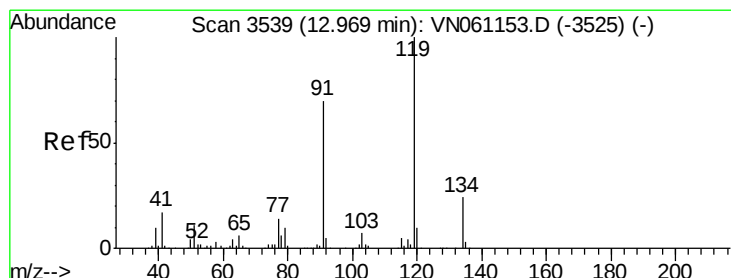
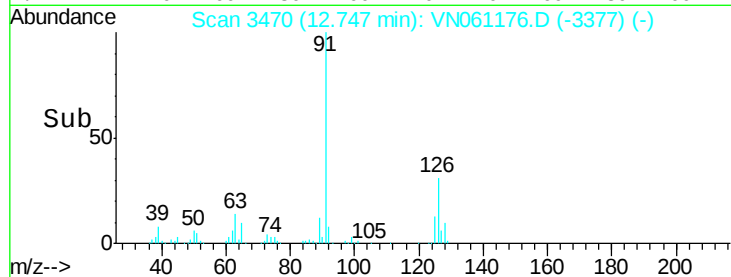
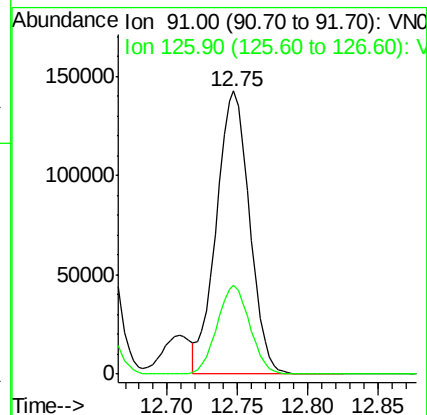
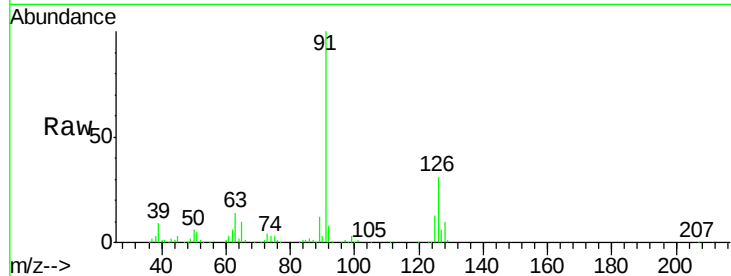
ST006RW149-200422MS

Tot Ion: 91 Resp: 233071

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.1



#83

tert-Butylbenzene

Concen: 53.363 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

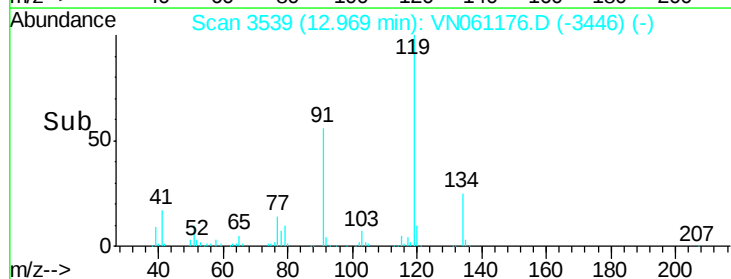
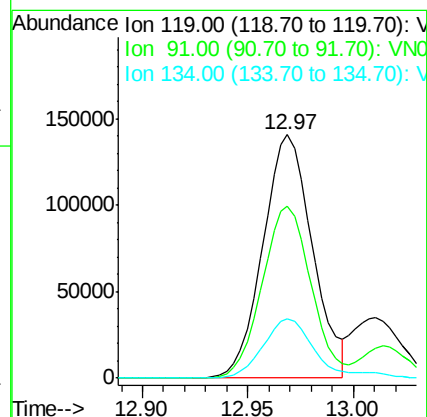
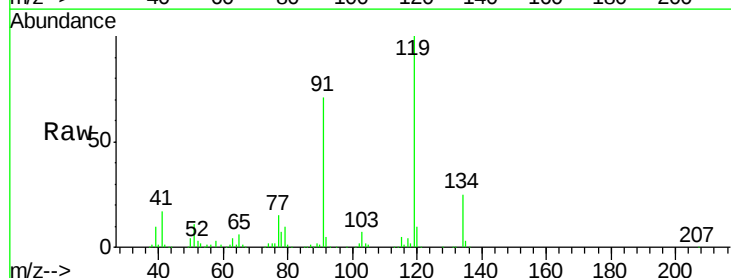
Tgt Ion: 119 Resp: 230158

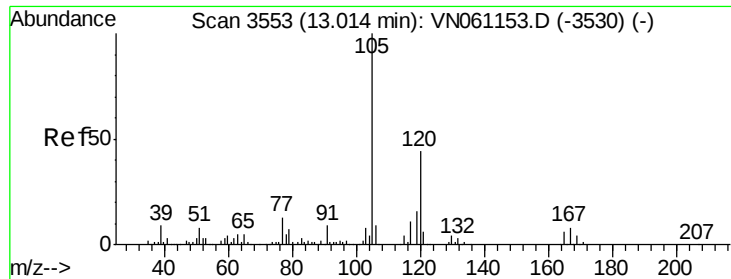
Ion Ratio Lower Upper

119 100

91 70.0 34.8 104.4

134 25.7 12.9 38.7

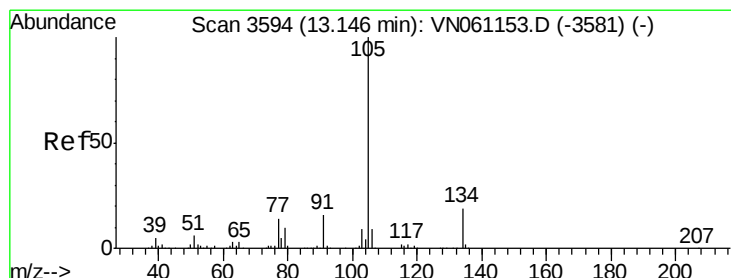
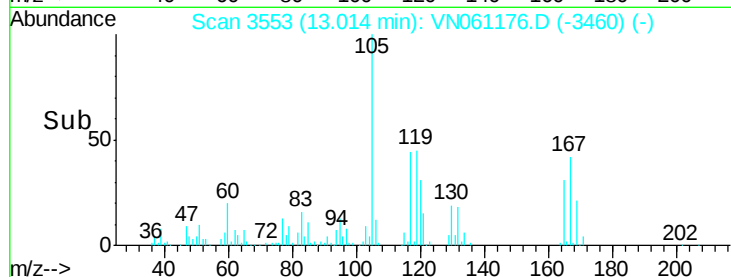
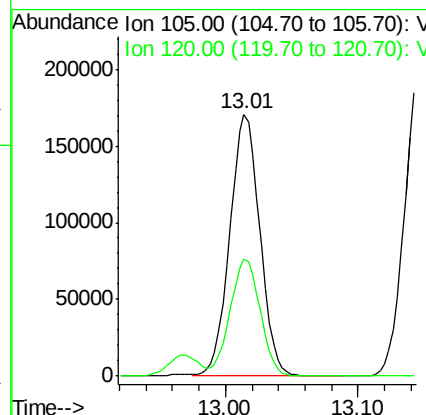
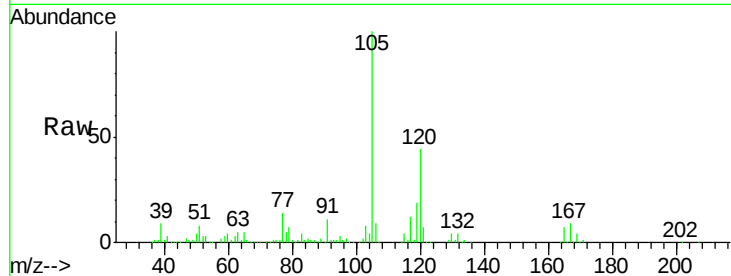




#84
 1,2,4-Trimethylbenzene
 Concen: 50.891 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

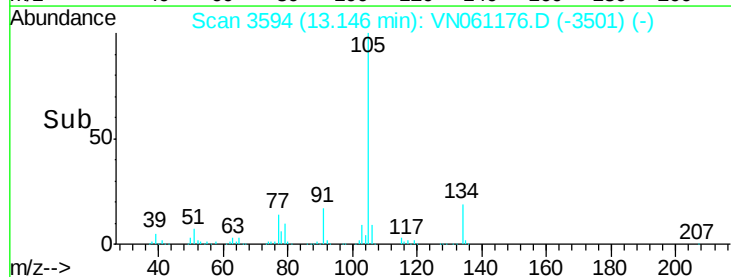
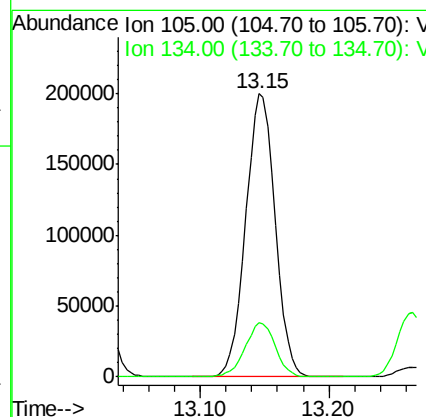
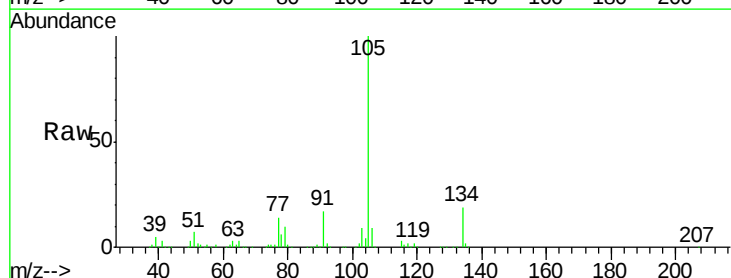
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

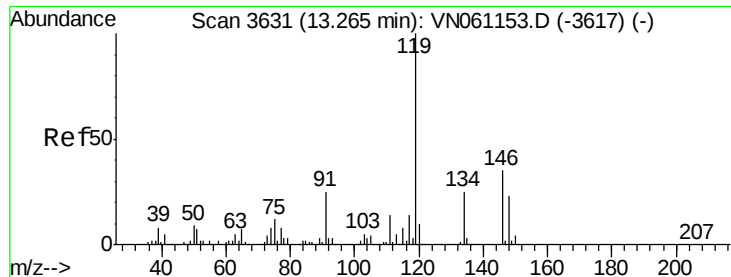
Tot Ion:105 Resp: 268189
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 53.940 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061176.D
 Acq: 28 Apr 2020 20:18

Tgt Ion:105 Resp: 317187
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.8





#86

p-Isopropyltoluene

Concen: 51.894 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

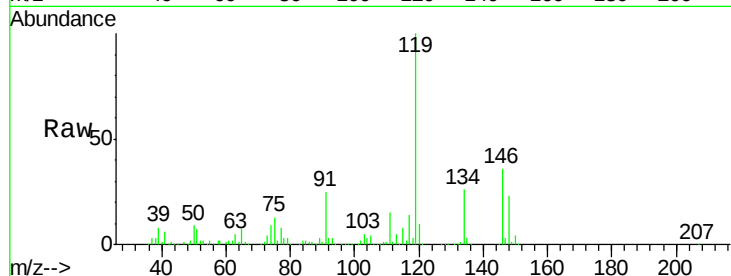
Tot Ion:119 Resp: 274941

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

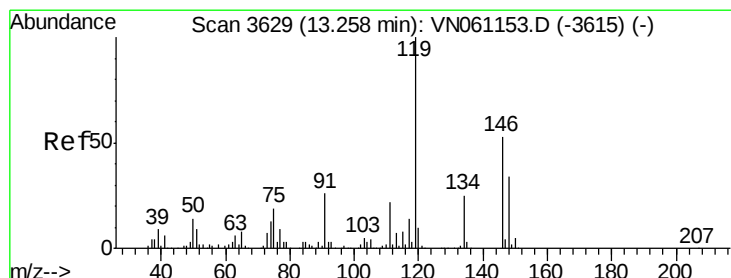
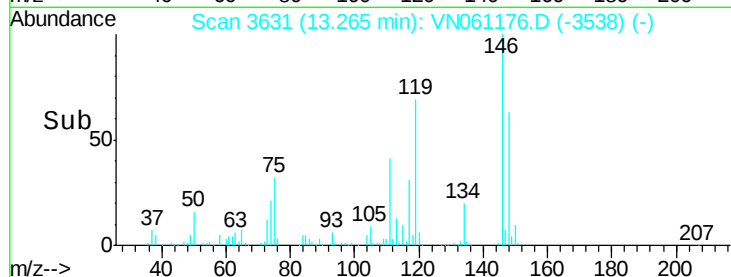
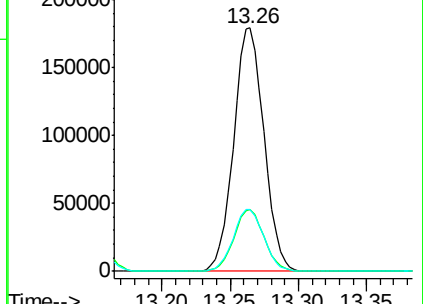
91 25.9 12.7 38.0



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: 51.169 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

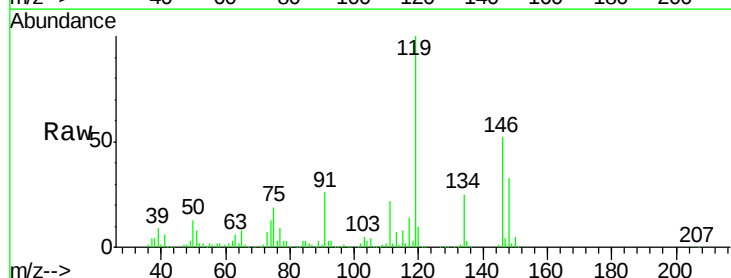
Tgt Ion:146 Resp: 134389

Ion Ratio Lower Upper

146 100

111 41.7 20.7 62.1

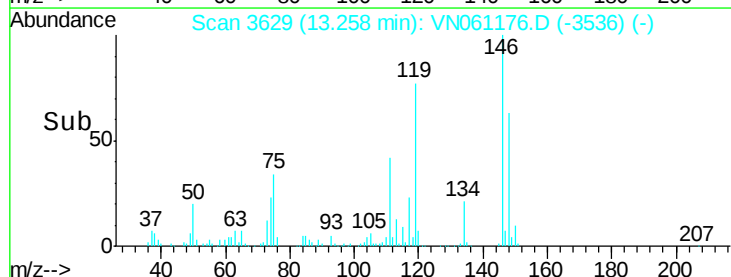
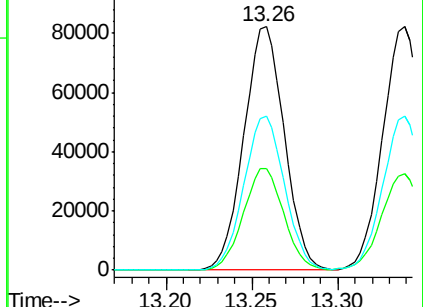
148 63.6 31.8 95.3

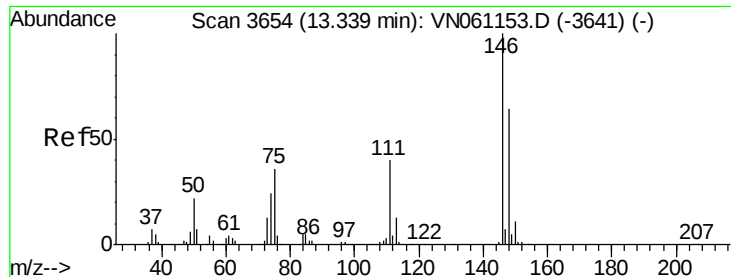


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 50.177 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

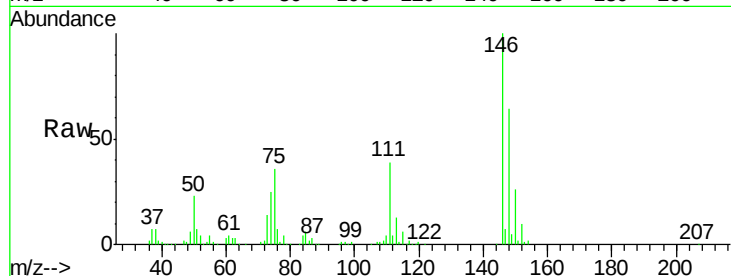
Tot Ion:146 Resp: 134648

Ion Ratio Lower Upper

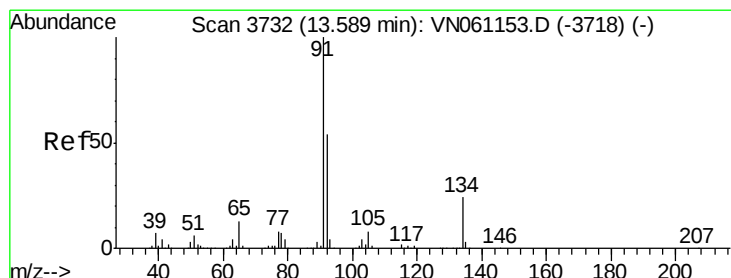
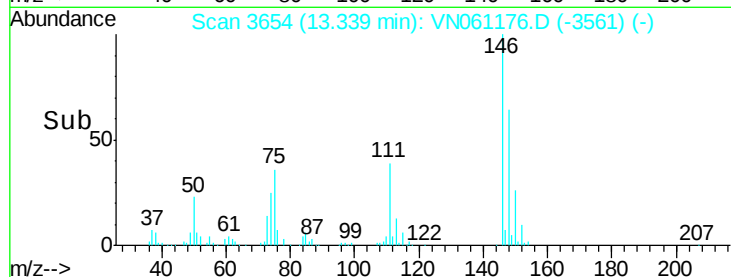
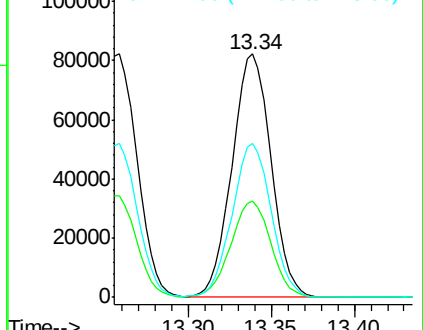
146 100

111 40.6 20.4 61.3

148 63.4 31.9 95.7



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: 53.541 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

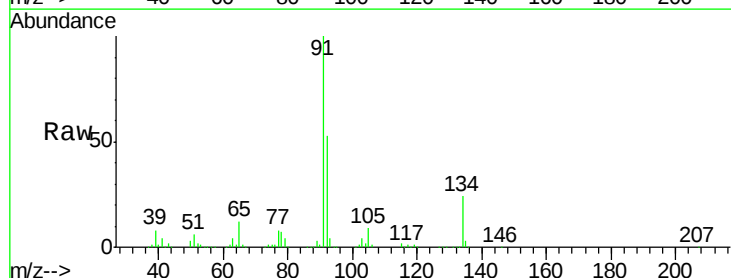
Tgt Ion: 91 Resp: 260051

Ion Ratio Lower Upper

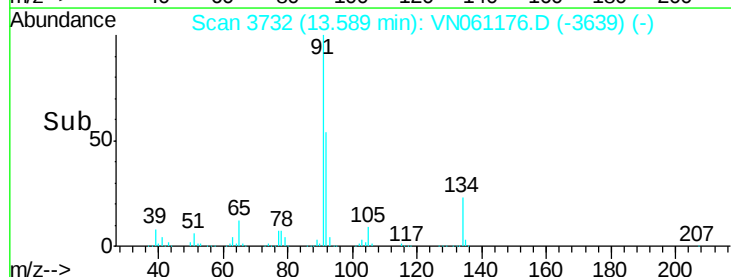
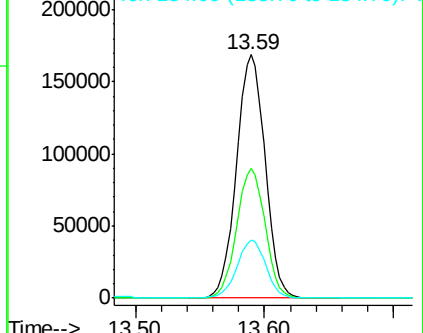
91 100

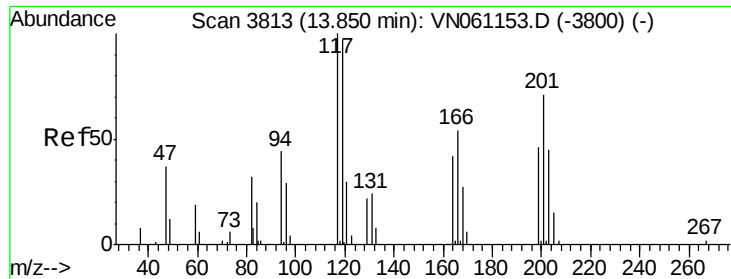
92 53.0 26.8 80.3

134 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V

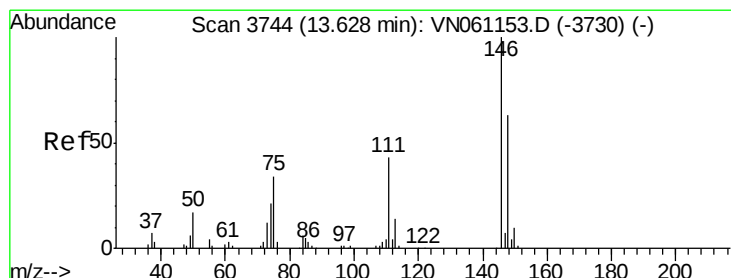
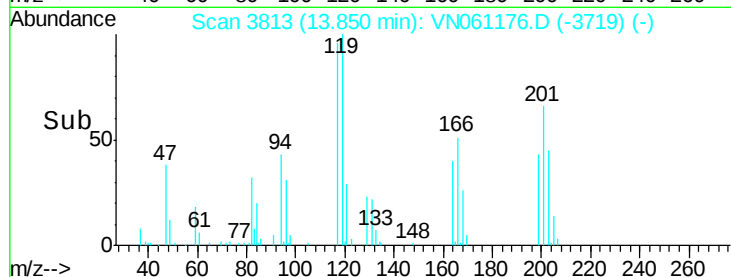
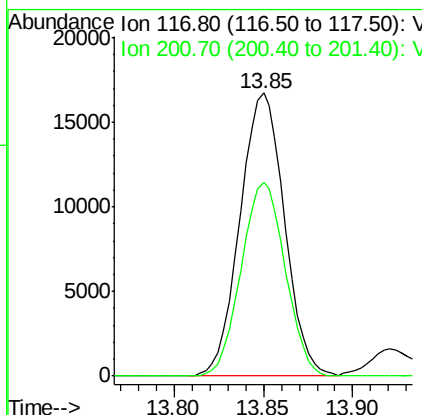
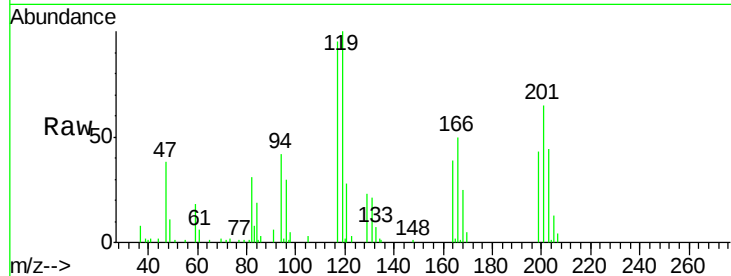




#90
Hexachloroethane
Concen: 52.374 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

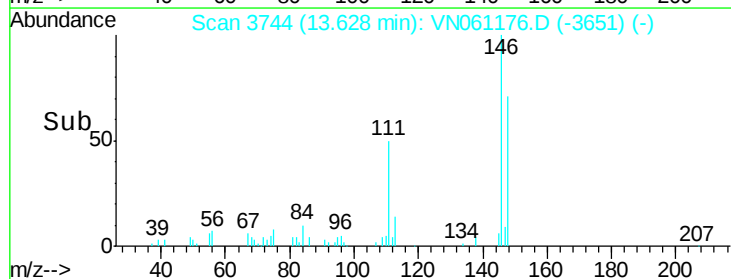
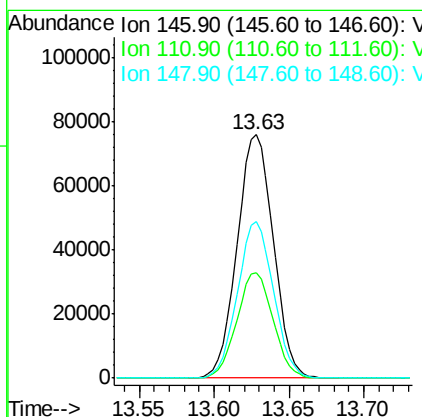
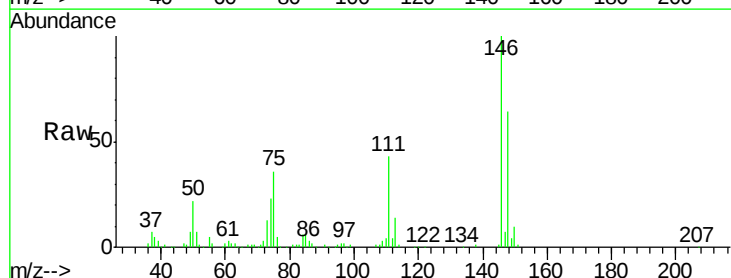
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422MS

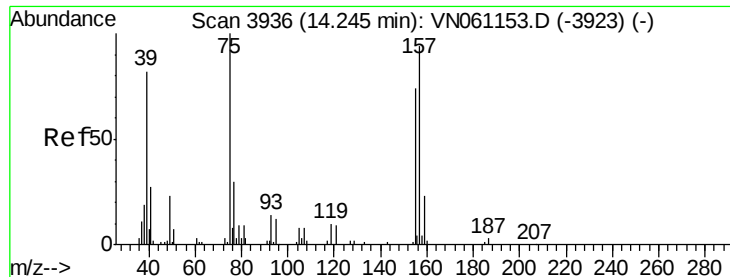
Tot Ion:117 Resp: 29179
Ion Ratio Lower Upper
117 100
201 67.5 35.5 106.7



#91
1,2-Dichlorobenzene
Concen: 50.991 ug/l
RT: 13.63 min Scan# 3744
Delta R.T. -0.00 min
Lab File: VN061176.D
Acq: 28 Apr 2020 20:18

Tgt Ion:146 Resp: 128409
Ion Ratio Lower Upper
146 100
111 43.2 21.8 65.3
148 63.9 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.219 ug/l

RT: 14.25 min Scan# 3936

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

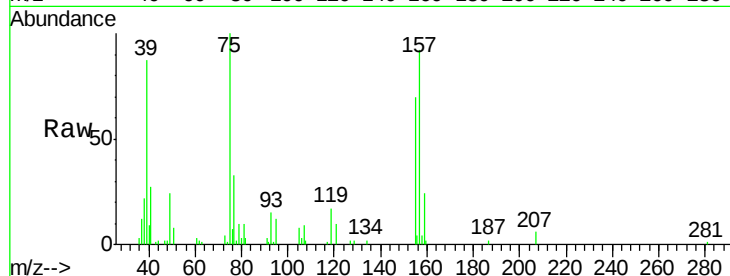
Tot Ion: 75 Resp: 20439

Ion Ratio Lower Upper

75 100

155 70.2 36.5 109.7

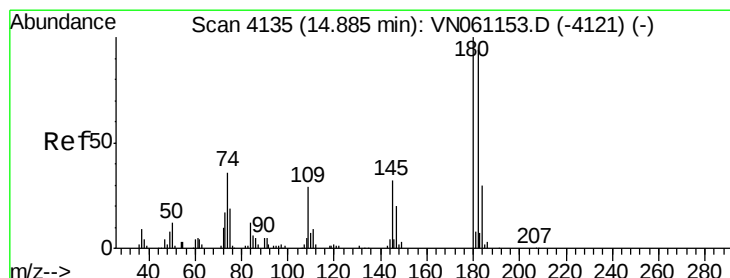
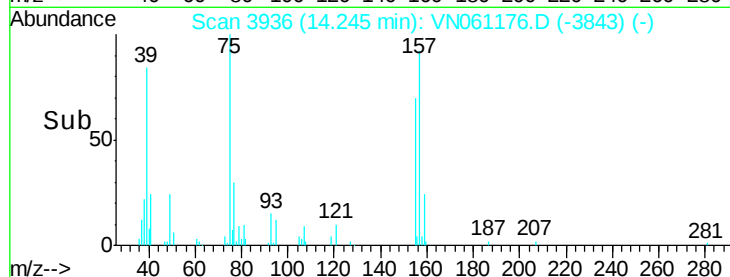
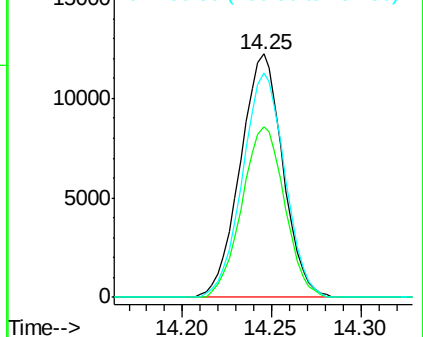
157 91.5 46.6 139.7



Abundance Ion 74.90 (74.60 to 75.60): VN061176.D (-3843) (-)

Ion 154.80 (154.50 to 155.50): VN061176.D (-3843) (-)

Ion 156.80 (156.50 to 157.50): VN061176.D (-3843) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.658 ug/l

RT: 14.88 min Scan# 4134

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

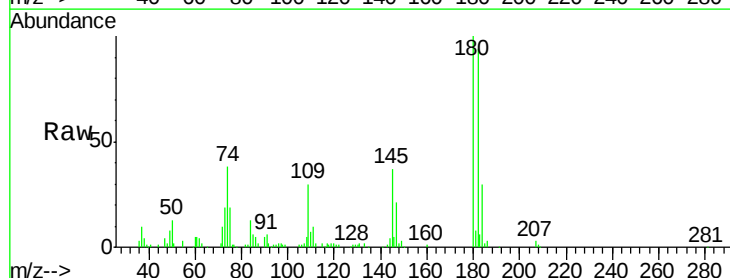
Tgt Ion: 180 Resp: 79217

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

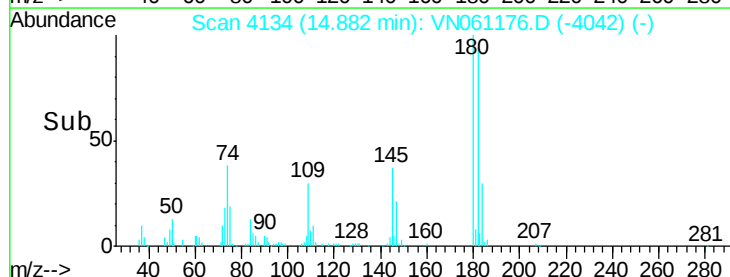
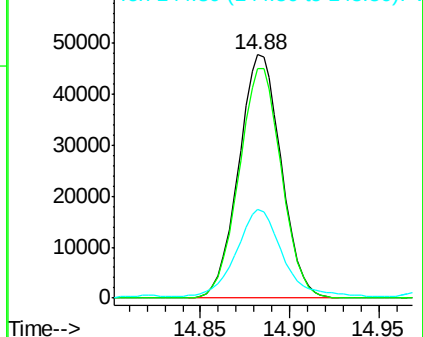
145 41.4 16.0 47.9

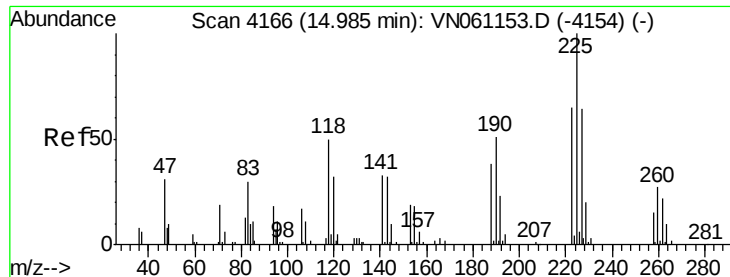


Abundance Ion 179.80 (179.50 to 180.50): VN061176.D (-4042) (-)

Ion 181.80 (181.50 to 182.50): VN061176.D (-4042) (-)

Ion 144.80 (144.50 to 145.50): VN061176.D (-4042) (-)





#94

Hexachlorobutadiene

Concen: 51.722 ug/l

RT: 14.98 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

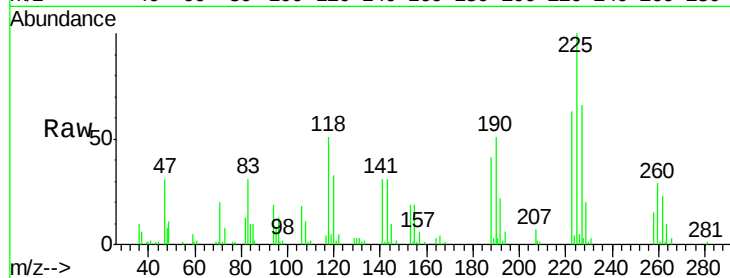
Tot Ion:225 Resp: 33135

Ion Ratio Lower Upper

225 100

223 63.4 32.4 97.0

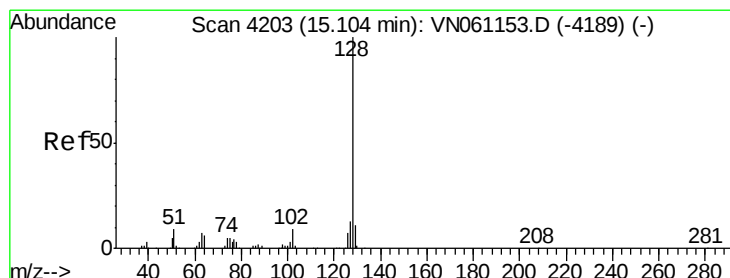
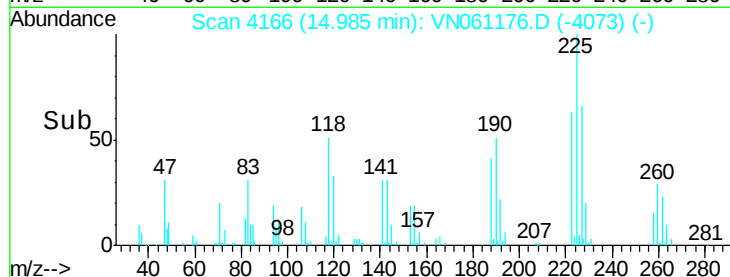
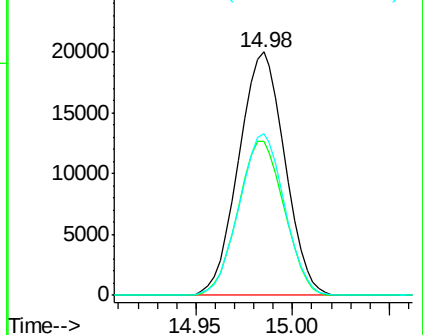
227 65.3 32.4 97.0



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: 50.645 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

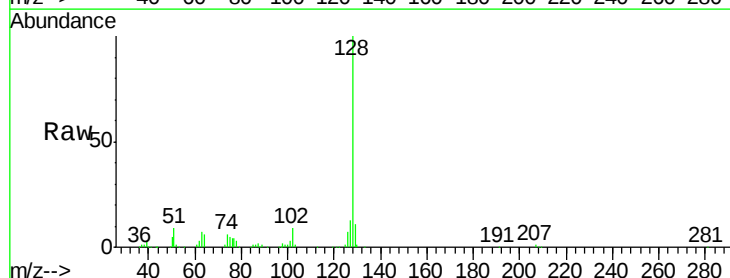
Tgt Ion:128 Resp: 252928

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

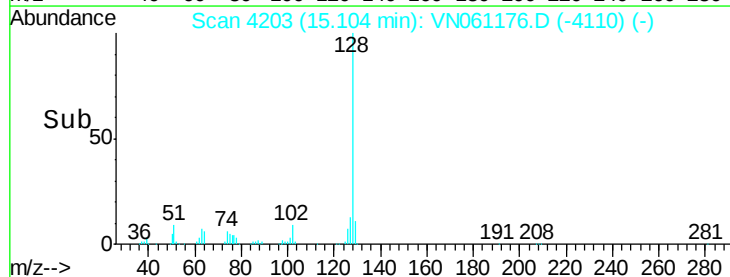
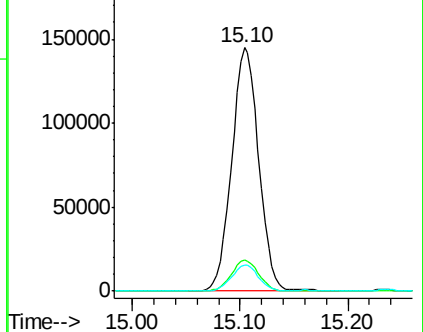
129 10.9 8.7 13.1

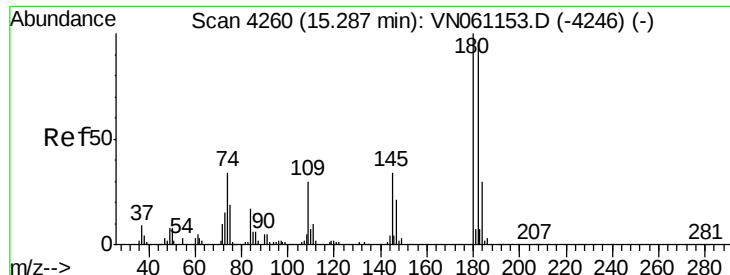


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 51.212 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061176.D

Acq: 28 Apr 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422MS

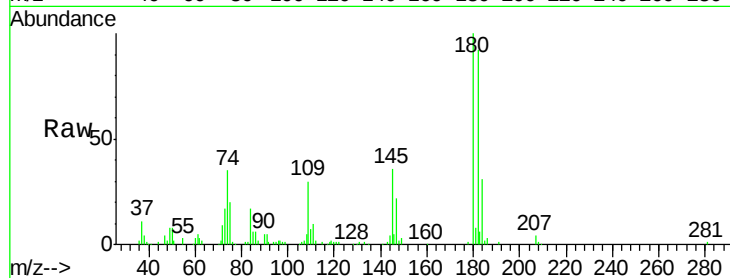
Tot Ion:180 Resp: 77536

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

145 39.4 16.9 50.7



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

