

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061172.D
 Acq On : 28 Apr 2020 18:46
 Operator : JC/MD
 Sample : L2414-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422

Quant Time: Apr 29 07:59:41 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	101991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	183539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	179363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84824	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79780	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.55	113	55778	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.06	98	233346	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.38	95	88928	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	

Target Compounds						Qvalue
3) Chloromethane	2.03	50	325	0.248	ug/l #	42
4) Vinyl Chloride	2.16	62	131372	88.302	ug/l	99
12) 1,1-Dichloroethene	3.70	96	2155	2.003	ug/l	93
13) Acrolein	3.76	56	2058	14.285	ug/l #	21
14) Allyl chloride	4.48	41	46918	23.515	ug/l #	66
15) Acrylonitrile	5.00	53	745	1.123	ug/l #	35
16) Acetone	3.77	43	14197	17.611	ug/l #	83
18) Methyl Acetate	4.49	43	101578	49.865	ug/l #	55
20) Methylene Chloride	4.49	84	549	0.436	ug/l #	1
21) trans-1,2-Dichloroethene	4.98	96	3115	2.658	ug/l	88
24) 1,1-Dichloroethane	5.80	63	2788	1.153	ug/l #	84
25) 2-Butanone	6.77	43	5600	5.864	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	1510157	1098.232	ug/l	89
29) Tetrahydrofuran	7.17	42	386	0.600	ug/l #	37
31) Cyclohexane	7.62	56	6826	2.908	ug/l #	73
32) 1,1,1-Trichloroethane	7.53	97	10218	4.790	ug/l	97
36) 1,1-Dichloropropene	7.63	75	9134	4.971	ug/l #	49
37) Ethyl Acetate	6.77	43	5600	2.600	ug/l #	1
38) Carbon Tetrachloride	7.63	117	11162	7.597	ug/l #	16
39) Methylcyclohexane	9.02	83	14222	7.720	ug/l #	35
40) Benzene	8.01	78	1366	0.250	ug/l #	52
41) Methacrylonitrile	7.17	41	220	0.246	ug/l #	100
43) Isopropyl Acetate	8.12	43	7220	2.020	ug/l #	57
44) Trichloroethene	8.80	130	16780	11.340	ug/l	96
47) Bromodichloromethane	9.34	83	1241	0.639	ug/l #	25
48) Methyl methacrylate	9.19	41	5411	3.354	ug/l #	39
51) 4-Methyl-2-Pentanone	9.99	43	3544	1.684	ug/l #	70
55) 1,1,2-Trichloroethane	10.50	97	18630	14.166	ug/l #	18
56) Ethyl methacrylate	10.40	69	9430	6.618	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.61	63	328	0.308	ug/l #	49
59) 2-Hexanone	10.69	43	2055	1.342	ug/l #	27
60) Dibromochloromethane	10.60	129	10092	7.327	ug/l #	10
64) Tetrachloroethene	10.60	164	10726	6.905	ug/l	96
65) Chlorobenzene	11.41	112	1949	0.548	ug/l	92

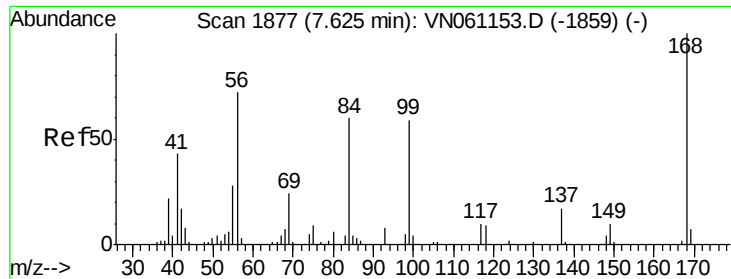
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.38	75	50223	28.084	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50223	71.319	ug/l #	8
83) tert-Butylbenzene	12.97	119	6346	1.458	ug/l	92
84) 1,2,4-Trimethylbenzene	13.15	105	9575	1.801	ug/l #	32
85) sec-Butylbenzene	13.15	105	9575	1.614	ug/l #	42
86) p-Isopropyltoluene	13.42	119	15679	2.933	ug/l	97
89) n-Butylbenzene	13.59	91	1185	0.242	ug/l #	71
90) Hexachloroethane	13.92	117	2798	11.879	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.11	75	161	0.392	ug/l #	7

(#) = 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: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

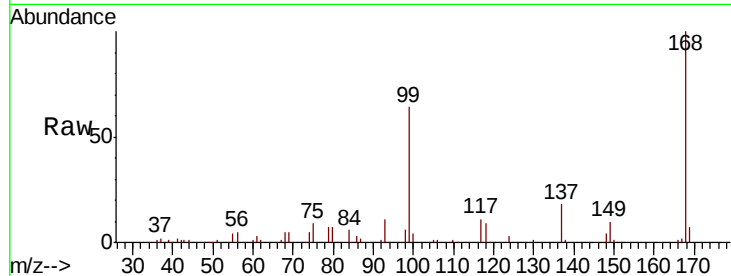
ST006RW149-200422

Tot Ion:168 Resp: 101991

Ion Ratio Lower Upper

168 100

99 63.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

40000

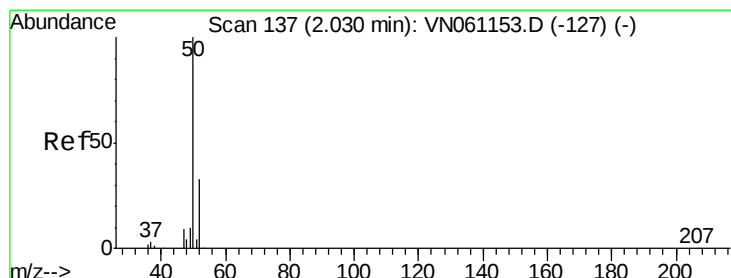
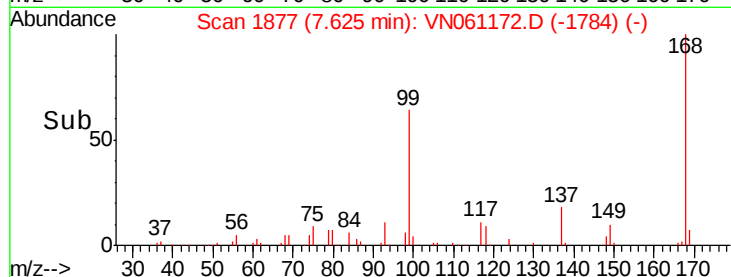
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.248 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061172.D

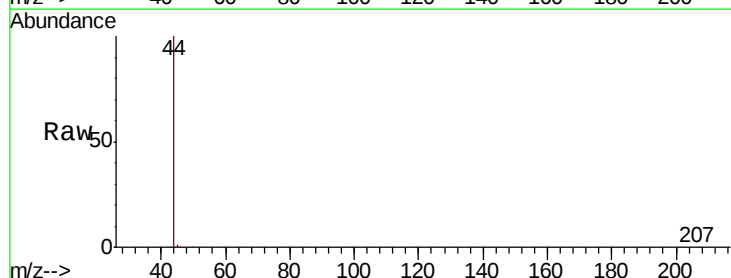
Acq: 28 Apr 2020 18:46

Tgt Ion: 50 Resp: 325

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

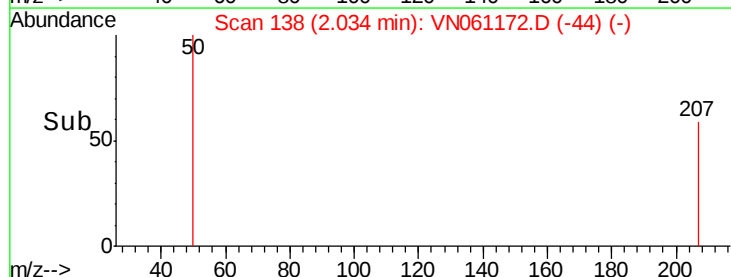
300

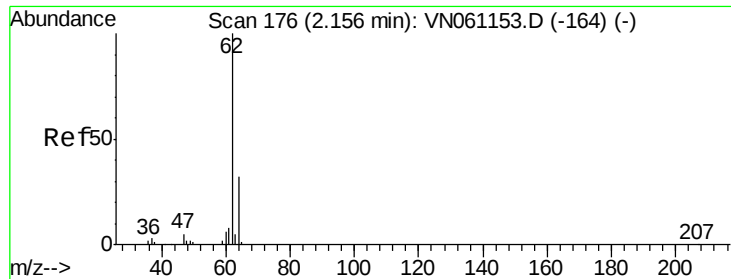
200

100

0

Time--> 2.02 2.04 2.06





#4

Vinyl Chloride

Concen: 88.302 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

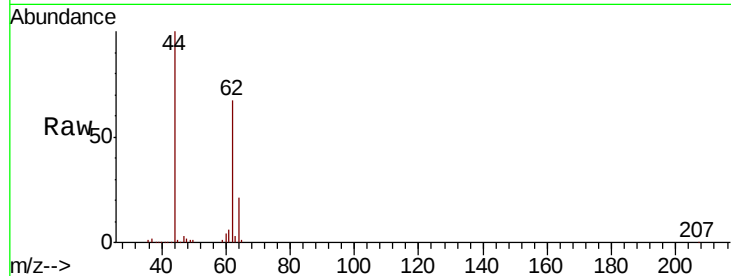
ST006RW149-200422

Tot Ion: 62 Resp: 131372

Ion Ratio Lower Upper

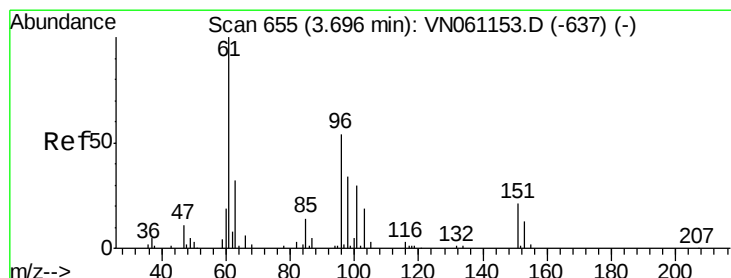
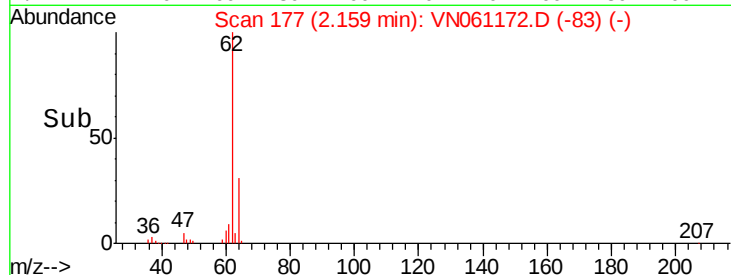
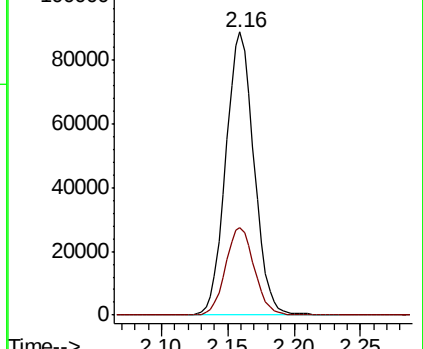
62 100

64 31.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#12

1,1-Dichloroethene

Concen: 2.003 ug/l

RT: 3.70 min Scan# 655

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

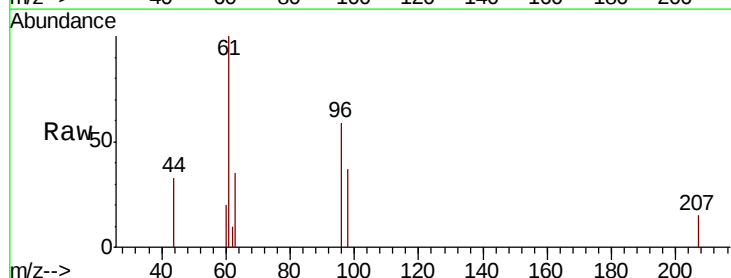
Tgt Ion: 96 Resp: 2155

Ion Ratio Lower Upper

96 100

61 170.3 147.0 220.6

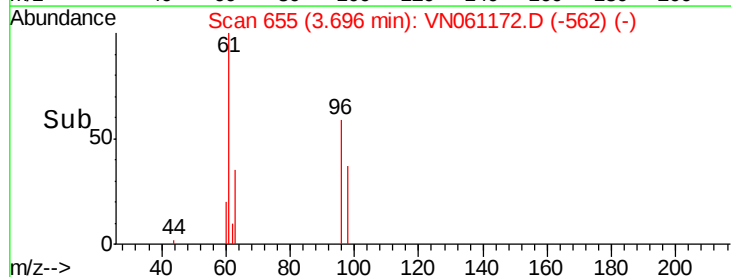
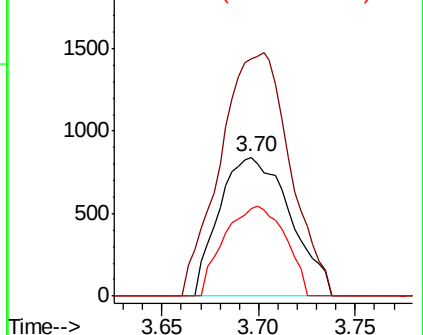
98 63.2 49.8 74.6

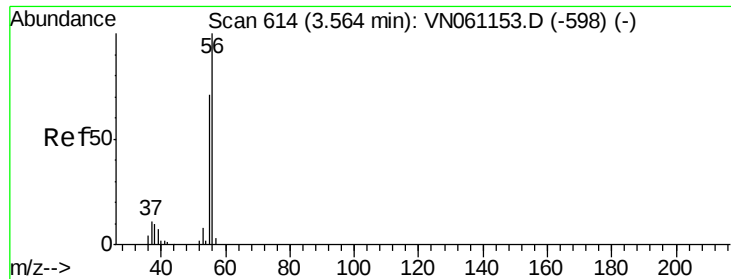


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 14.285 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.19 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

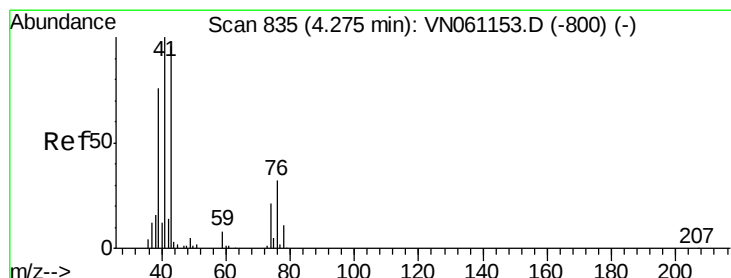
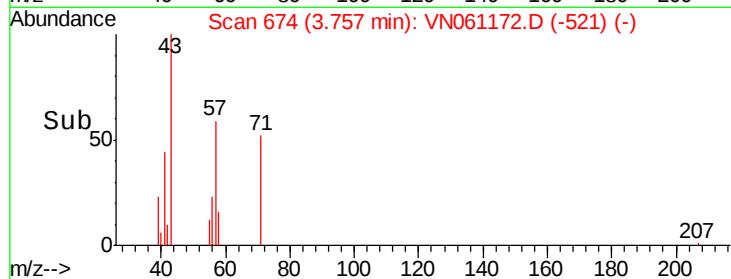
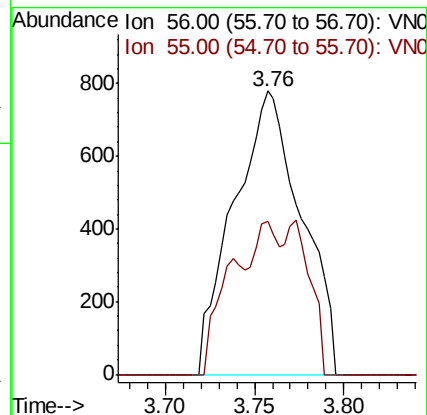
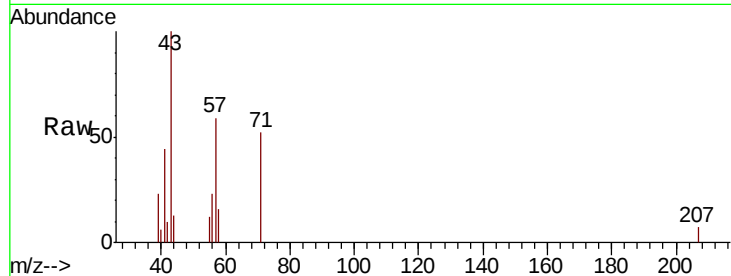
ST006RW149-200422

Tot Ion: 56 Resp: 2058

Ion Ratio Lower Upper

56 100

55 7.0 58.5 87.7#



#14

Allyl chloride

Concen: 23.515 ug/l

RT: 4.48 min Scan# 899

Delta R.T. 0.21 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

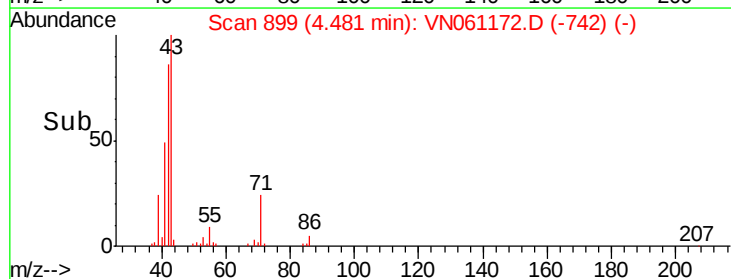
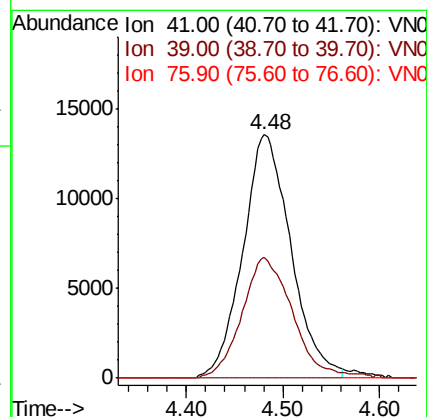
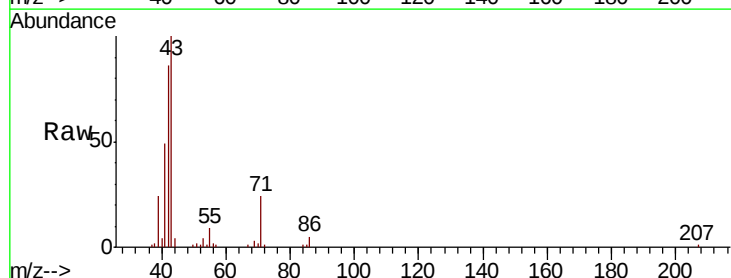
Tgt Ion: 41 Resp: 46918

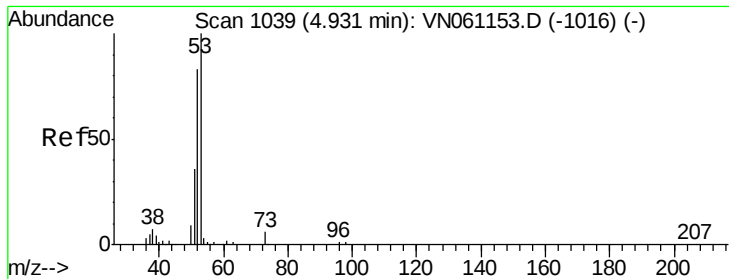
Ion Ratio Lower Upper

41 100

39 51.4 57.1 85.7#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 1.123 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.06 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422

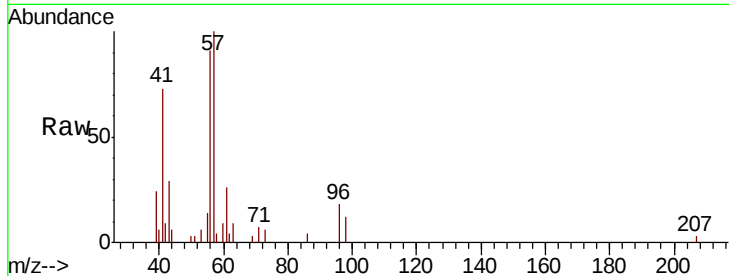
Tot Ion: 53 Resp: 745

Ion Ratio Lower Upper

53 100

52 0.0 65.4 98.0#

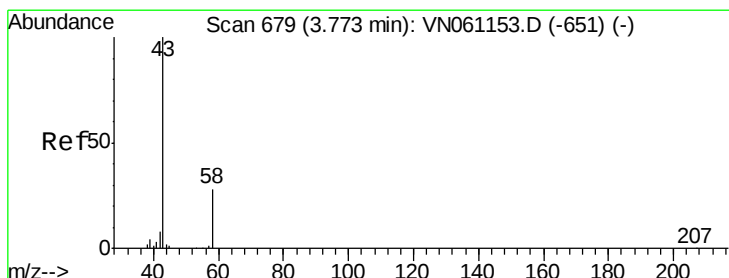
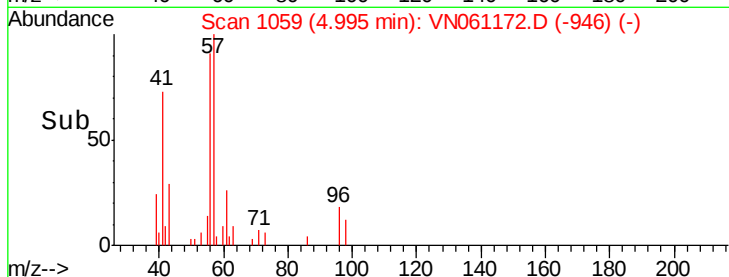
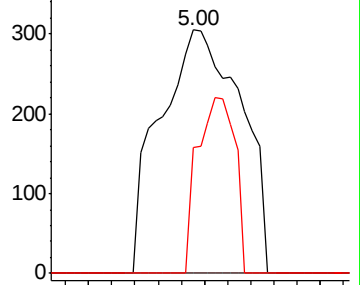
51 33.3 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 17.611 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061172.D

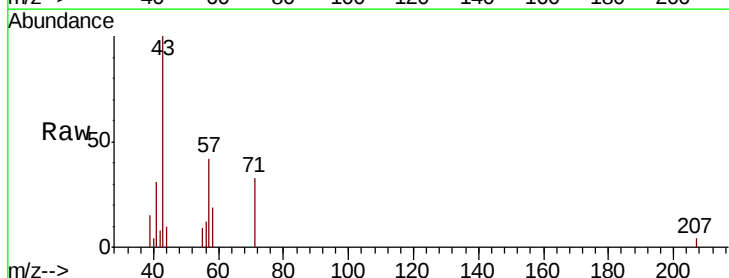
Acq: 28 Apr 2020 18:46

Tgt Ion: 43 Resp: 14197

Ion Ratio Lower Upper

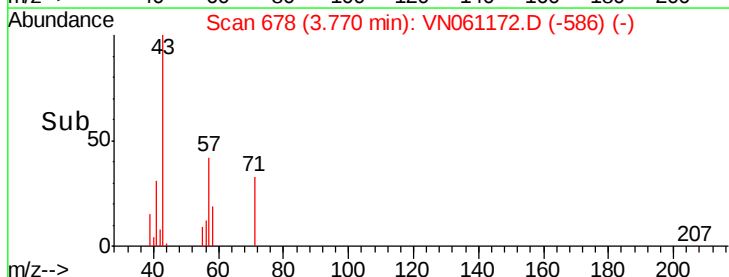
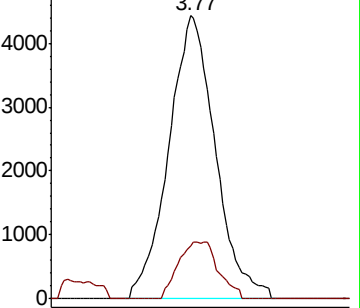
43 100

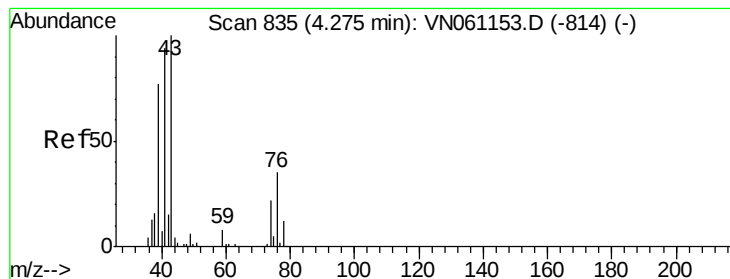
58 18.9 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methvl Acetate

Concen: 49.865 ug/l

RT: 4.49 min Scan# 901

Delta R.T. 0.21 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

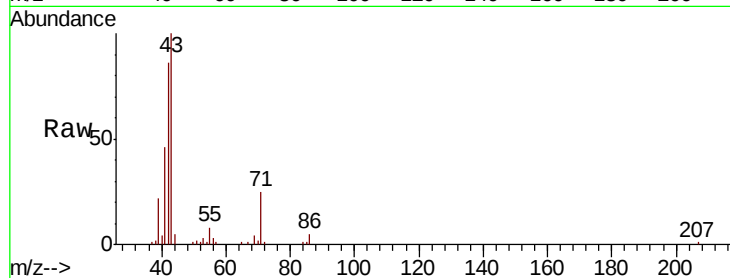
ST006RW149-200422

Tot Ion: 43 Resp: 101578

Ion Ratio Lower Upper

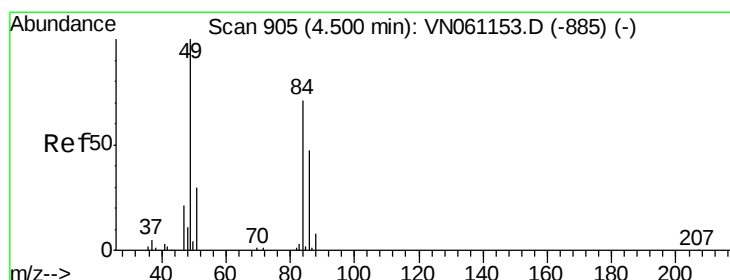
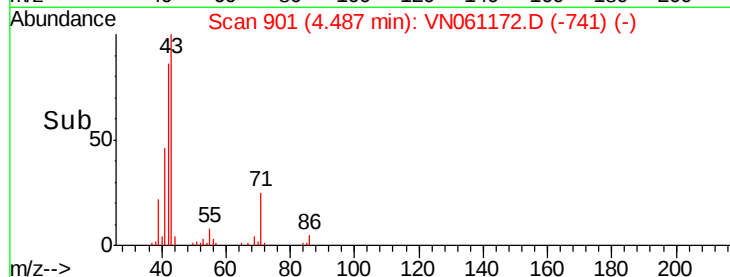
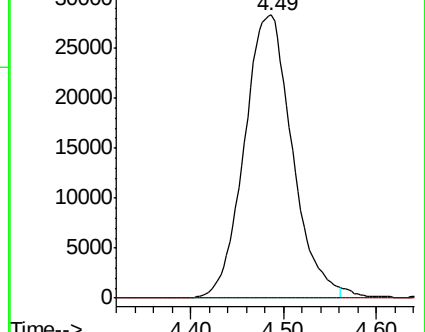
43 100

74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)



#20

Methylene Chloride

Concen: 0.436 ug/l

RT: 4.49 min Scan# 901

Delta R.T. -0.01 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Tgt Ion: 84 Resp: 549

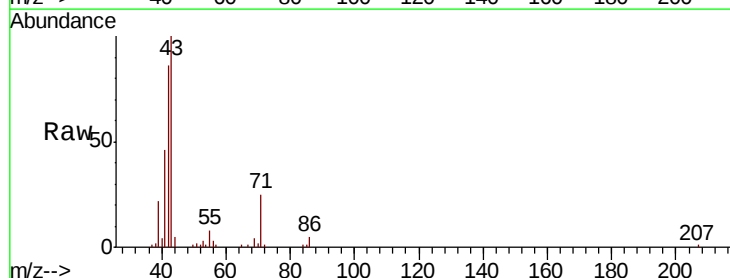
Ion Ratio Lower Upper

84 100

49 0.0 112.0 168.0#

51 53.8 33.6 50.4#

86 237.5 52.1 78.1#

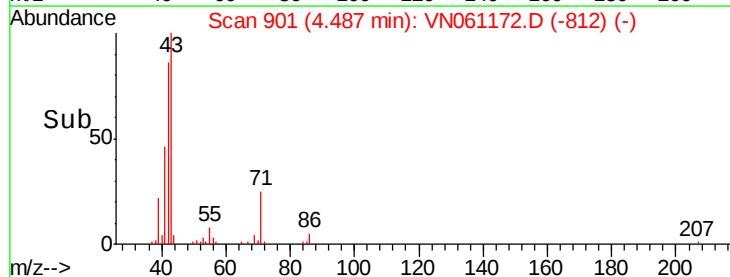
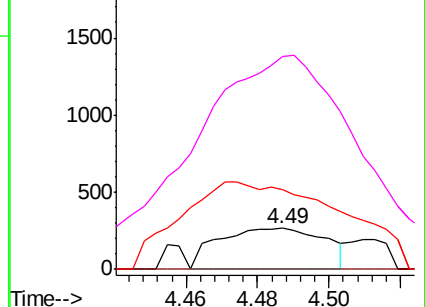


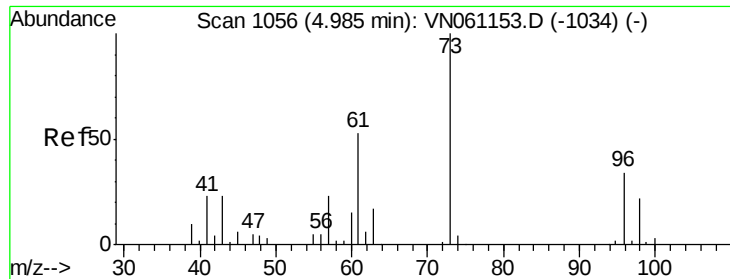
Abundance Ion 83.90 (83.60 to 84.60): VN061153.D (-885) (-)

Ion 48.90 (48.60 to 49.60): VN061153.D (-885) (-)

Ion 50.90 (50.60 to 51.60): VN061153.D (-885) (-)

Ion 85.90 (85.60 to 86.60): VN061153.D (-885) (-)

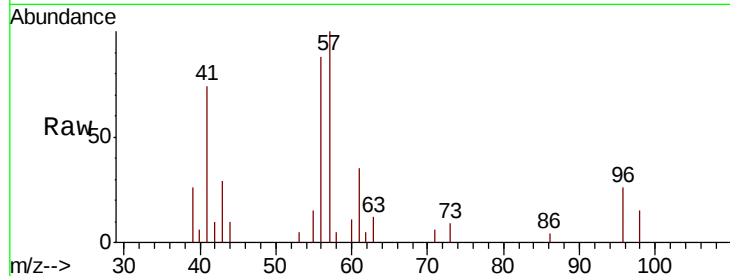




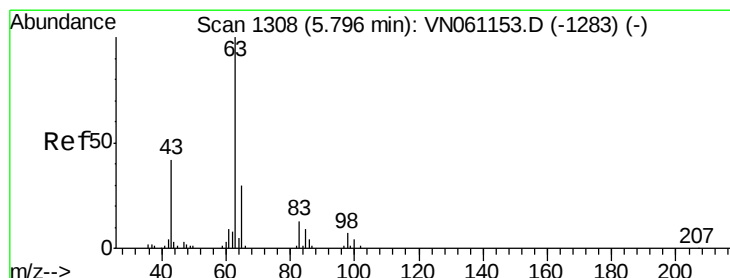
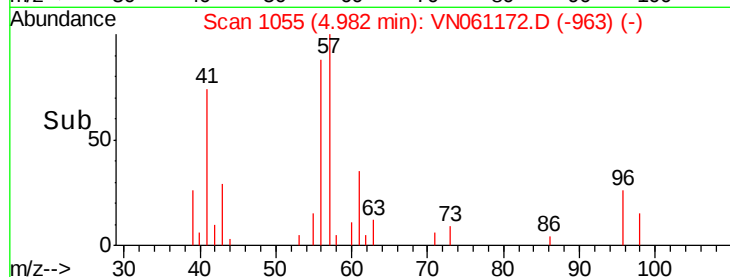
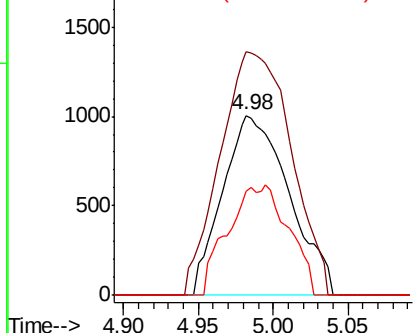
#21
trans-1,2-Dichloroethene
Concen: 2.658 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422

Tot Ion: 96 Resp: 3115
Ion Ratio Lower Upper
96 100
61 135.4 123.0 184.4
98 58.2 50.1 75.1

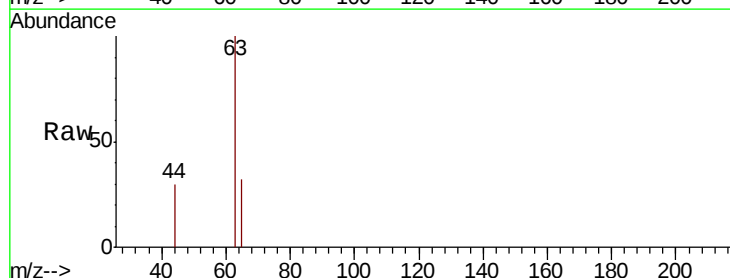


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

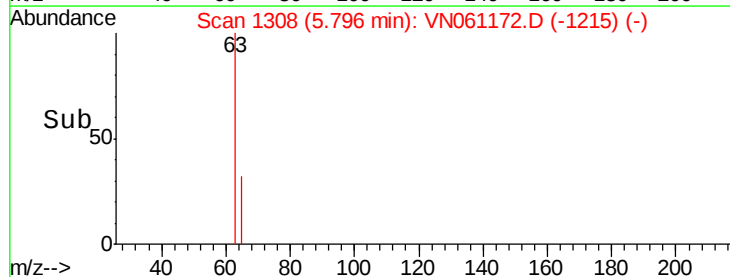
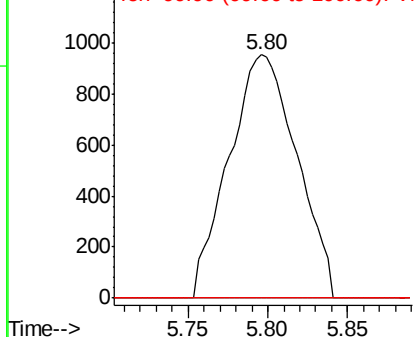


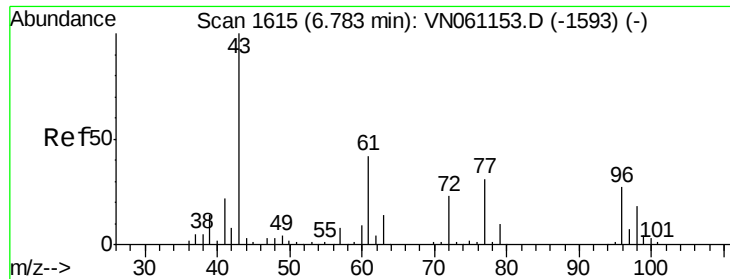
#24
1,1-Dichloroethane
Concen: 1.153 ug/l
RT: 5.80 min Scan# 1308
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion: 63 Resp: 2788
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 1.9 5.7#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 5.864 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

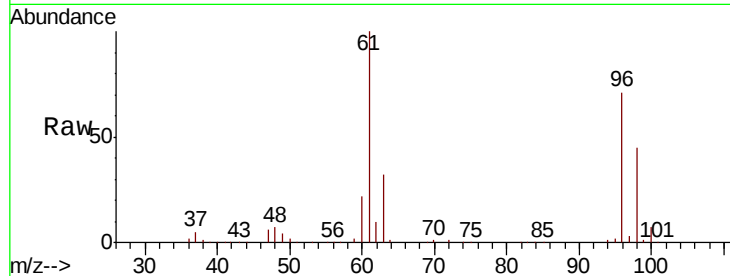
ST006RW149-200422

Tot Ion: 43 Resp: 5600

Ion Ratio Lower Upper

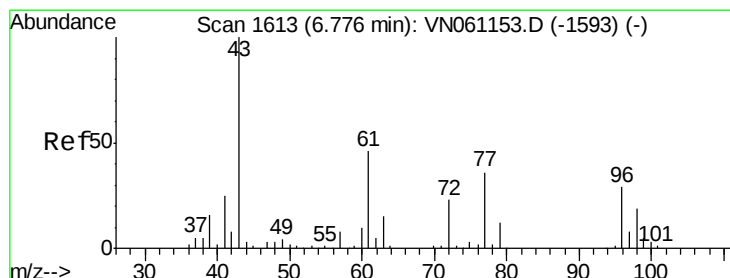
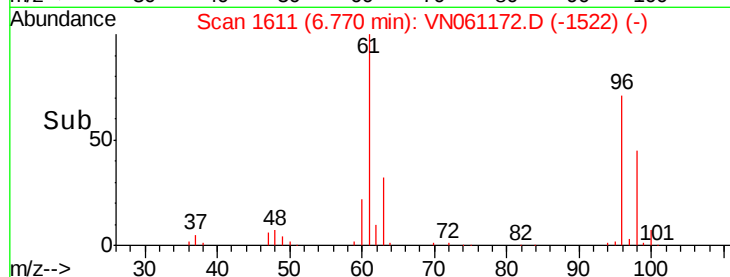
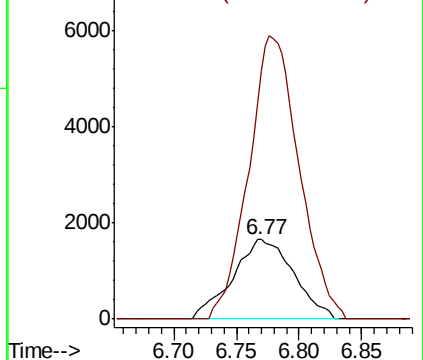
43 100

72 313.4 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1593) (-)

Ion 72.00 (71.70 to 72.70): VN061153.D (-1593) (-)



#27

cis-1,2-Dichloroethene

Concen: 1098.232 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

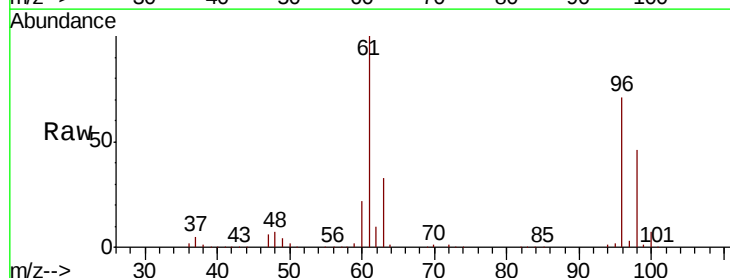
Tgt Ion: 96 Resp: 1510157

Ion Ratio Lower Upper

96 100

61 140.7 0.0 322.0

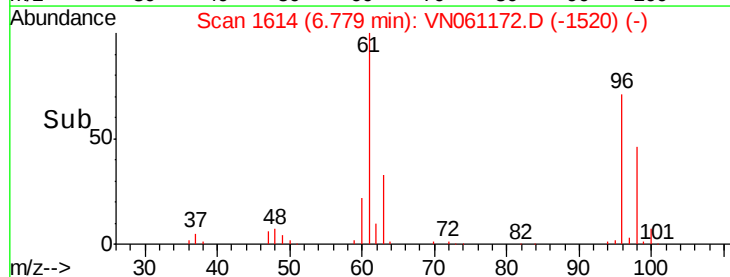
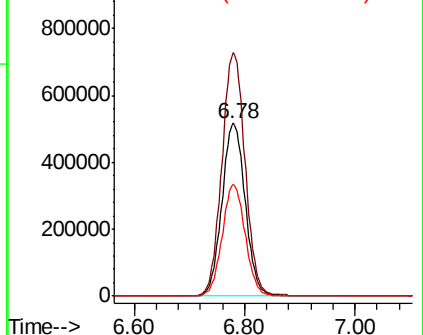
98 64.2 0.0 129.6

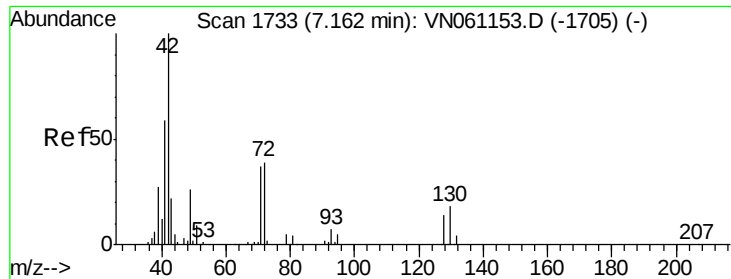


Abundance Ion 95.90 (95.60 to 96.60): VN061172.D (-1520) (-)

Ion 60.90 (60.60 to 61.60): VN061172.D (-1520) (-)

Ion 97.90 (97.60 to 98.60): VN061172.D (-1520) (-)

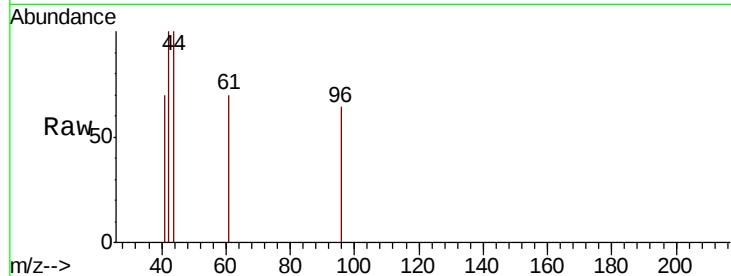




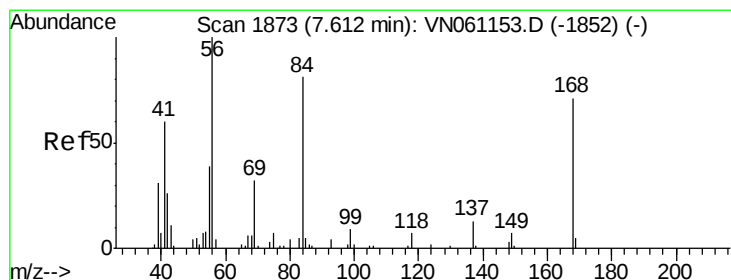
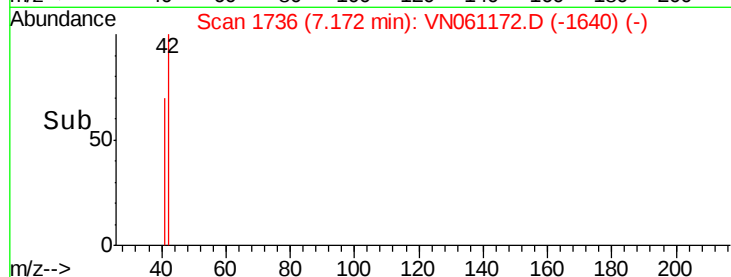
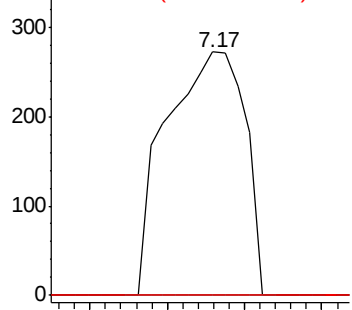
#29
Tetrahydrofuran
Concen: 0.600 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. 0.01 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422

Tot Ion: 42 Resp: 386
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 29.5 44.3#

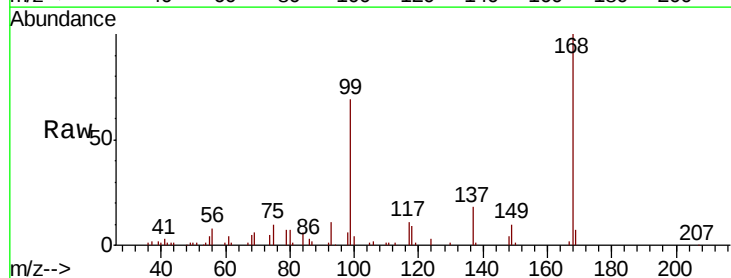


Abundance Ion 42.00 (41.70 to 42.70): VNC
Ion 72.00 (71.70 to 72.70): VNC
Ion 71.00 (70.70 to 71.70): VNC

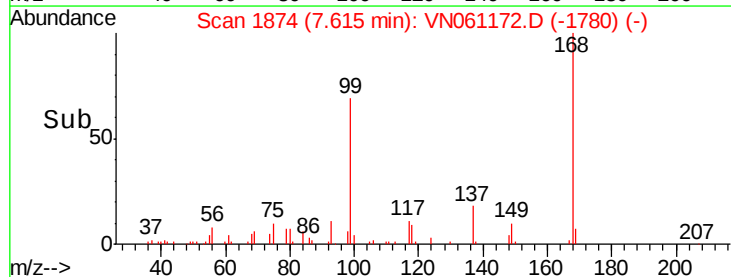
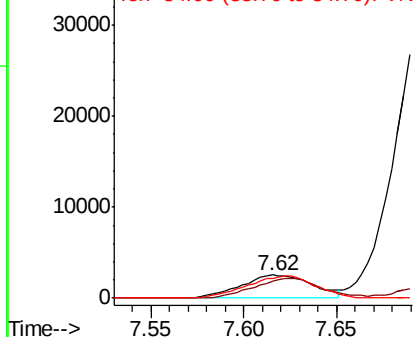


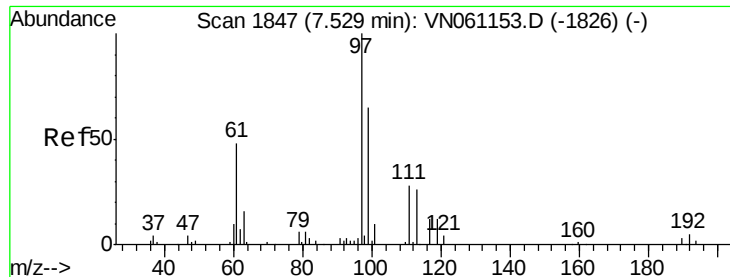
#31
Cyclohexane
Concen: 2.908 ug/l
RT: 7.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion: 56 Resp: 6826
Ion Ratio Lower Upper
56 100
69 76.0 25.7 38.5#
84 86.3 64.6 97.0



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





#32

1,1,1-Trichloroethane

Concen: 4.790 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422

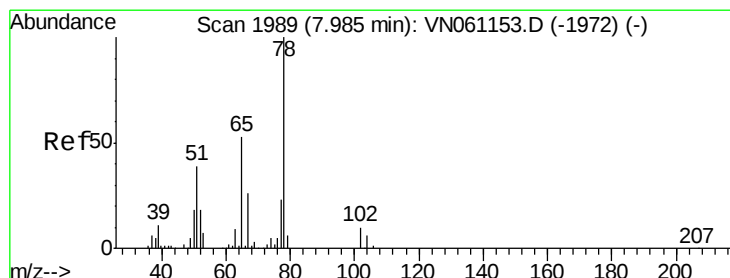
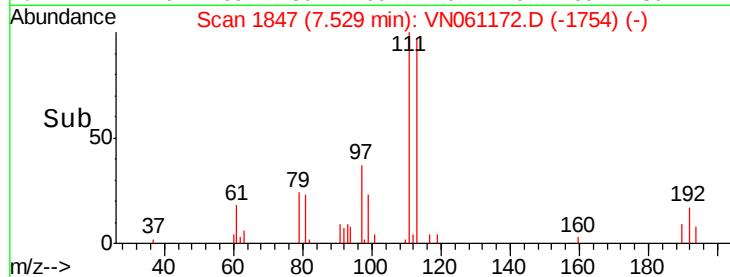
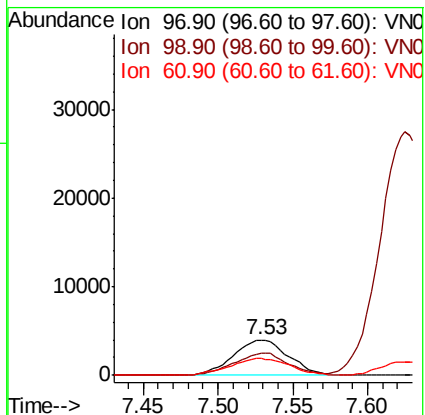
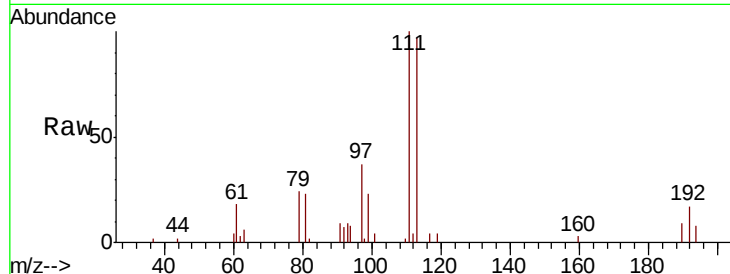
Tot Ion: 97 Resp: 10218

Ion Ratio Lower Upper

97 100

99 62.5 51.3 76.9

61 51.5 38.6 57.8



#33

1,2-Dichloroethane-d4

Concen: 49.436 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061172.D

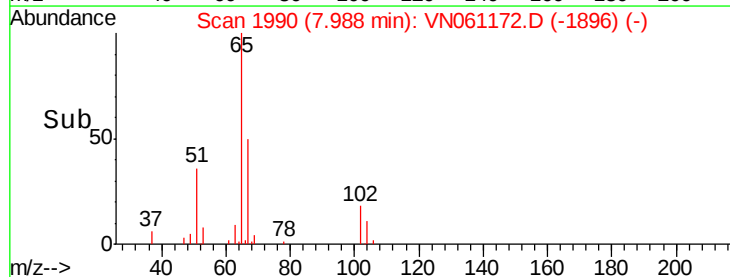
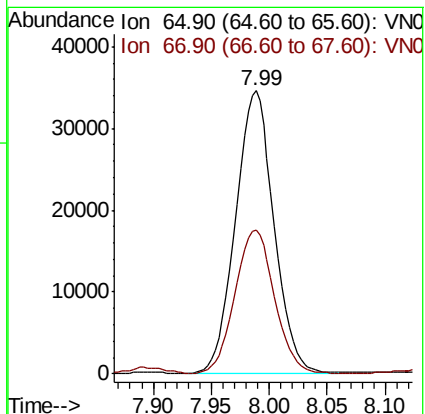
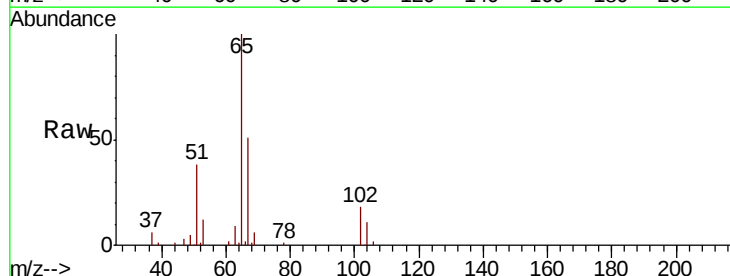
Acq: 28 Apr 2020 18:46

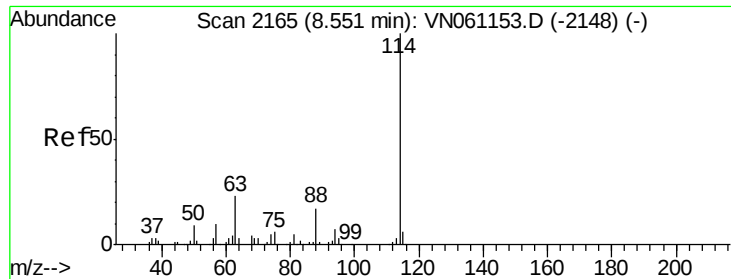
Tgt Ion: 65 Resp: 79780

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.6

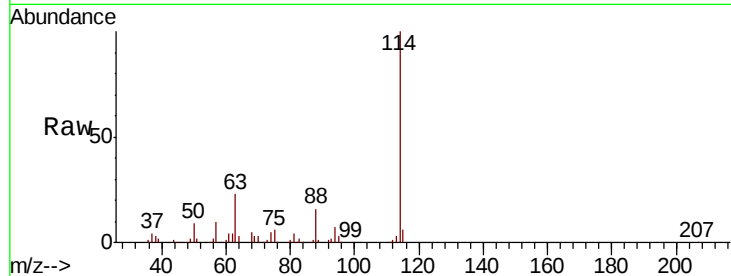




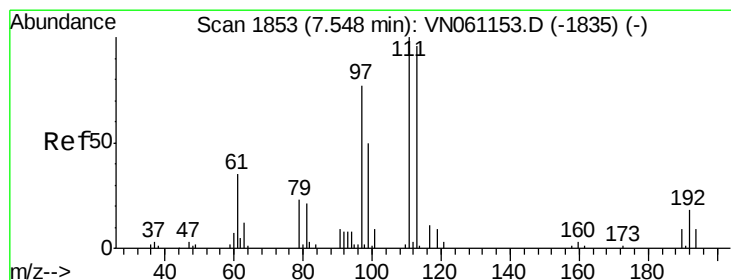
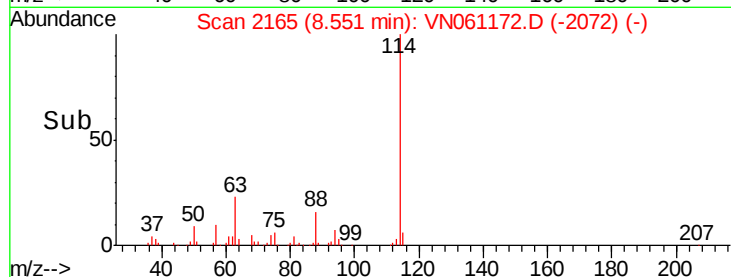
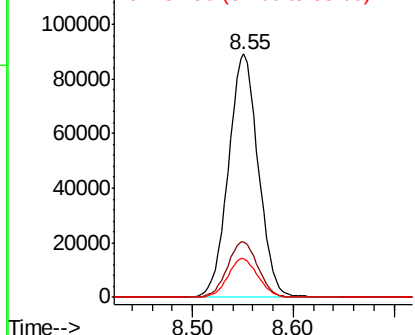
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.6
88	15.9	0.0	33.4

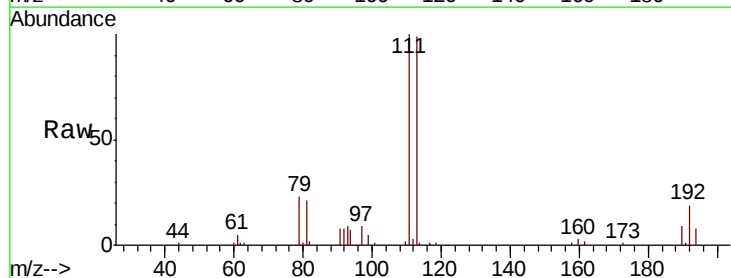


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

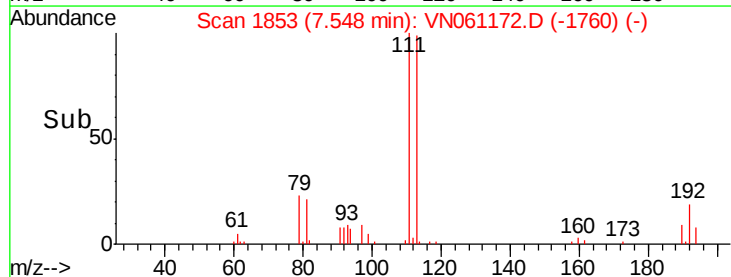
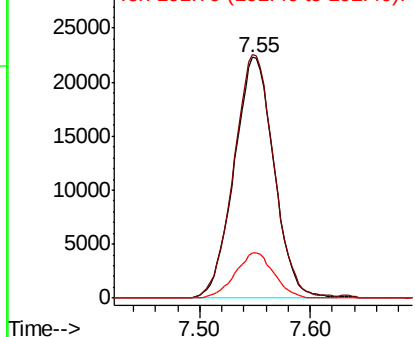


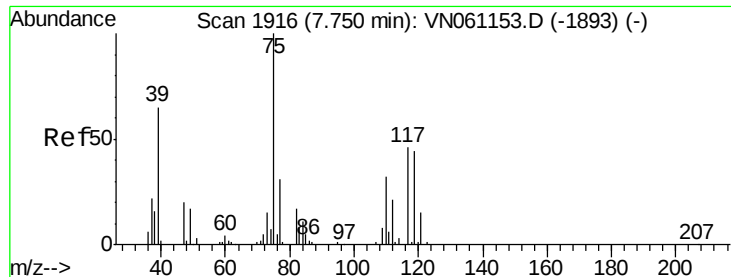
#35
 Dibromofluoromethane
 Concen: 51.394 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	18.1	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

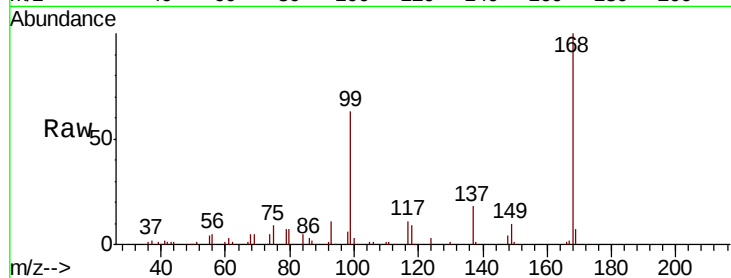




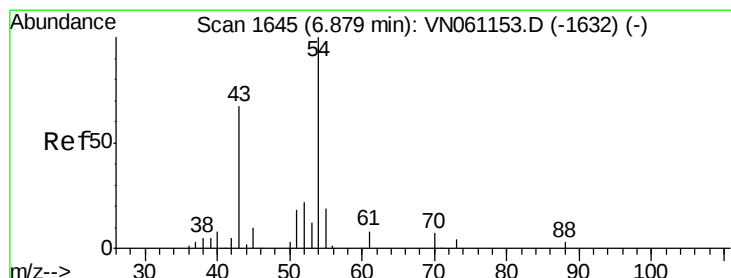
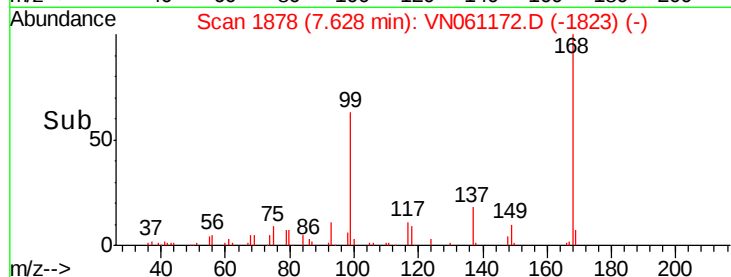
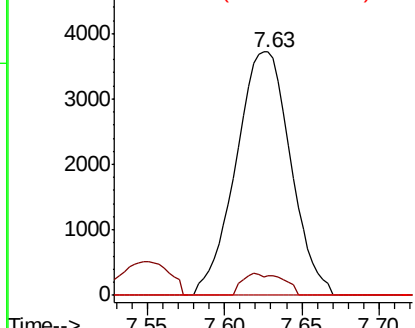
#36
 1,1-Dichloropropene
 Concen: 4.971 ug/l
 RT: 7.63 min Scan# 1878
 Delta R.T. -0.12 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422

Tot Ion: 75 Resp: 9134
 Ion Ratio Lower Upper
 75 100
 110 6.6 16.0 48.0#
 77 0.0 24.6 37.0#

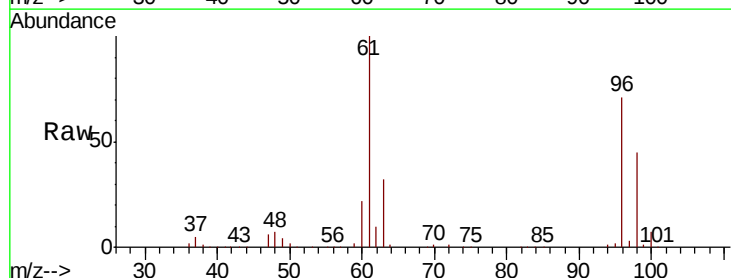


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

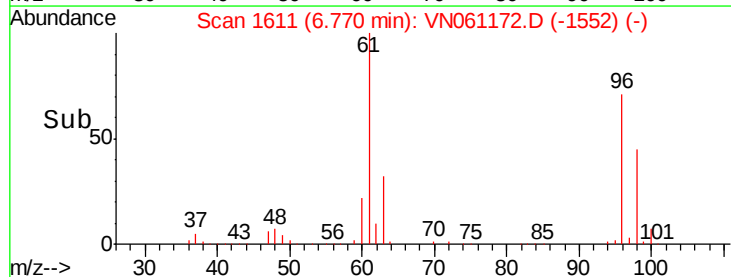
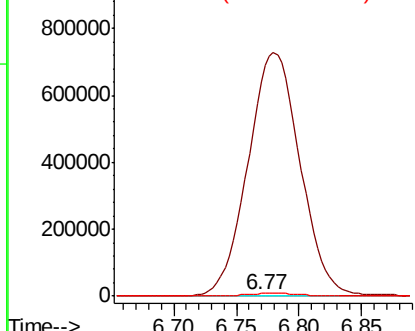


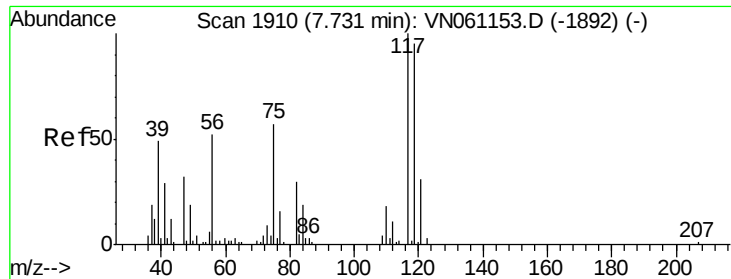
#37
 Ethyl Acetate
 Concen: 2.600 ug/l
 RT: 6.77 min Scan# 1611
 Delta R.T. -0.11 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Tgt Ion: 43 Resp: 5600
 Ion Ratio Lower Upper
 43 100
 61 37953.7 10.2 15.2#
 70 441.3 7.2 10.8#



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





#38

Carbon Tetrachloride

Concen: 7.597 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. -0.10 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422

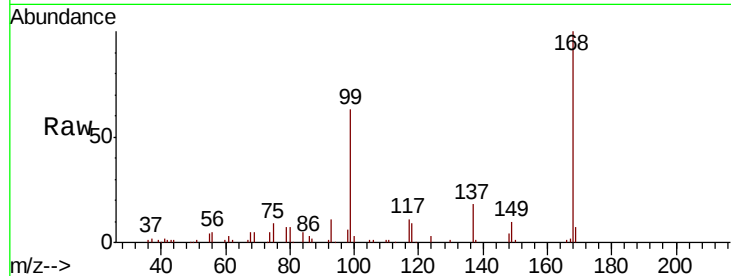
Tot Ion:117 Resp: 11162

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

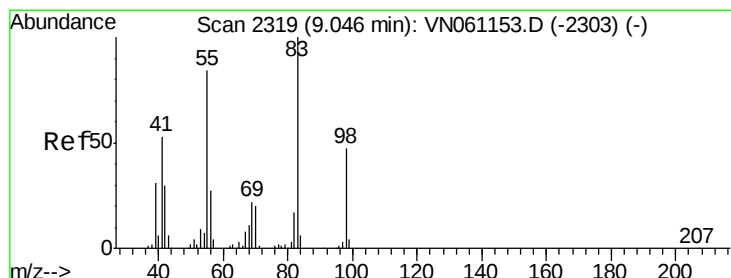
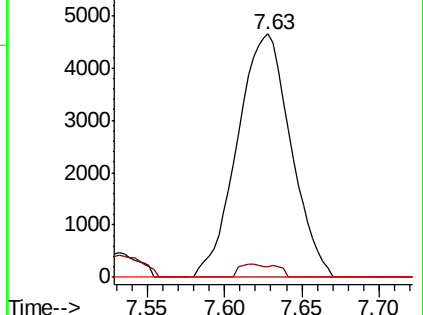
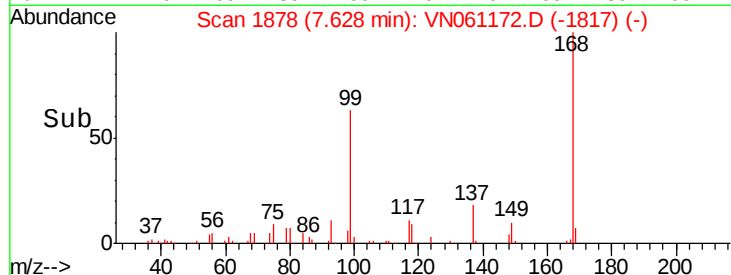
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 7.720 ug/l

RT: 9.02 min Scan# 2311

Delta R.T. -0.03 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

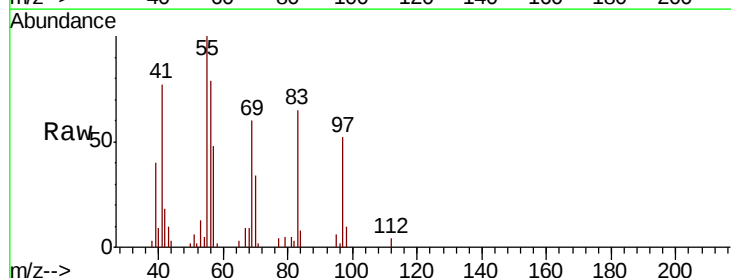
Tgt Ion: 83 Resp: 14222

Ion Ratio Lower Upper

83 100

55 151.6 67.3 100.9#

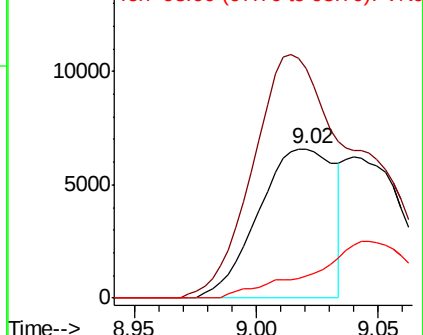
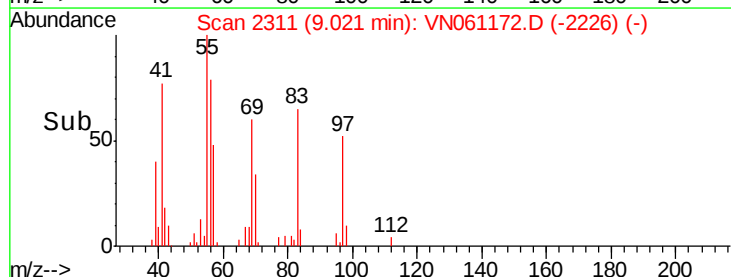
98 15.0 37.7 56.5#

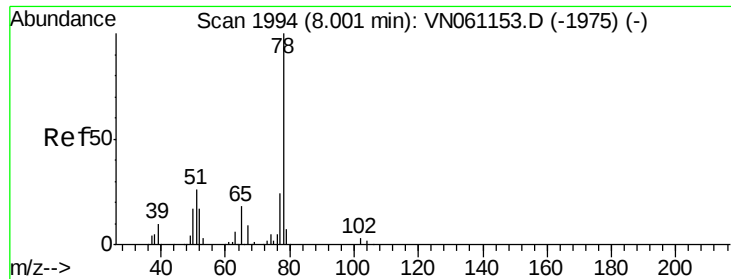


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.250 ug/l

RT: 8.01 min Scan# 1996

Delta R.T. 0.01 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

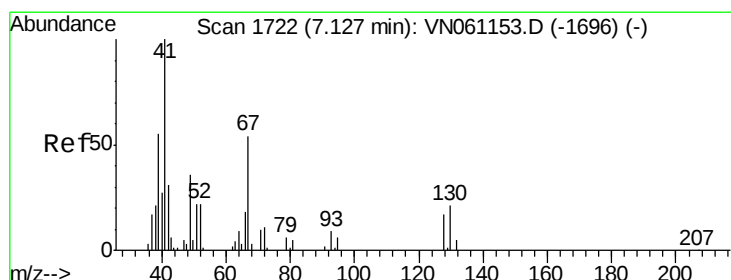
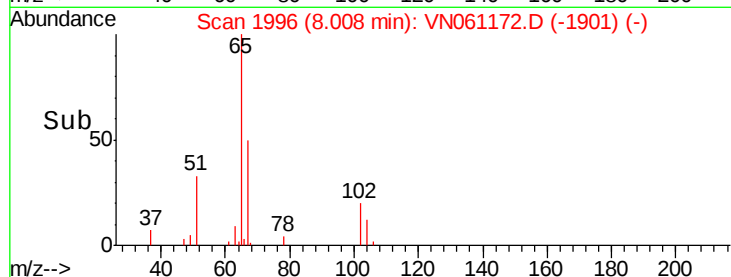
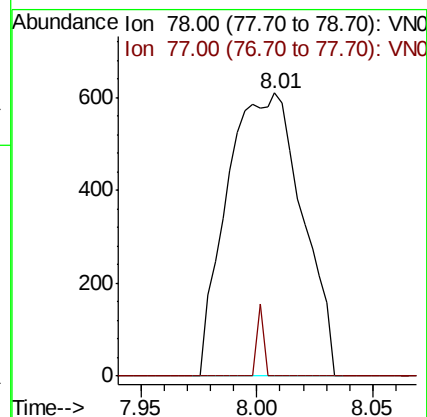
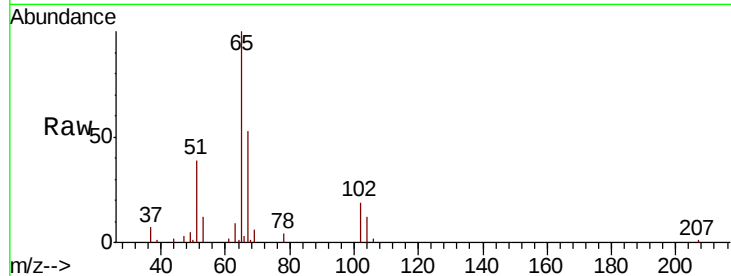
ST006RW149-200422

Tot Ion: 78 Resp: 1366

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.6#



#41

Methacrylonitrile

Concen: 0.246 ug/l

RT: 7.17 min Scan# 1737

Delta R.T. 0.05 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Tgt Ion: 41 Resp: 220

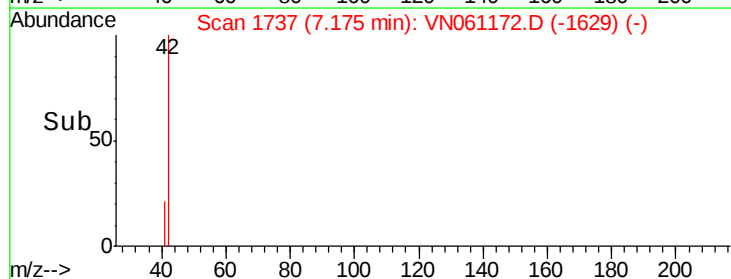
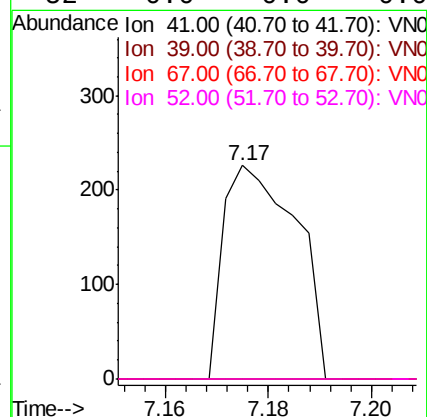
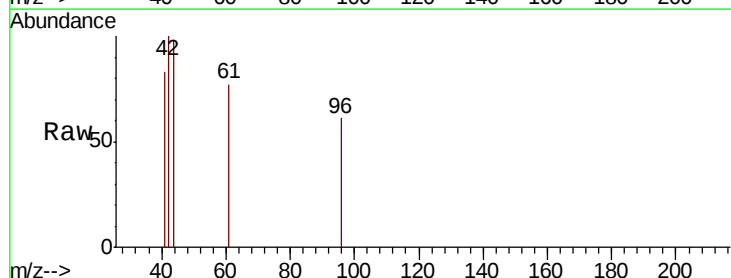
Ion Ratio Lower Upper

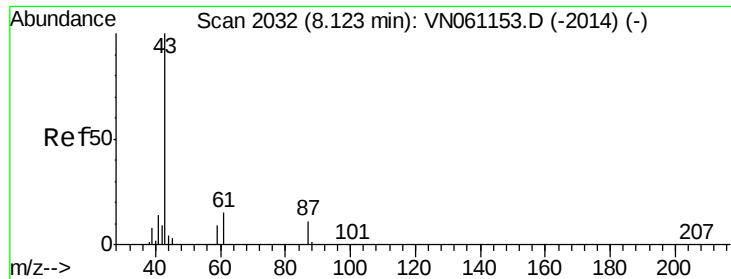
41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 2.020 ug/l

RT: 8.12 min Scan# 2030

Delta R.T. -0.01 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422

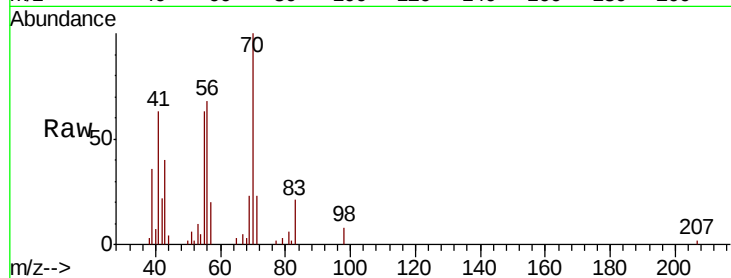
Tot Ion: 43 Resp: 7220

Ion Ratio Lower Upper

43 100

61 0.0 19.5 29.3#

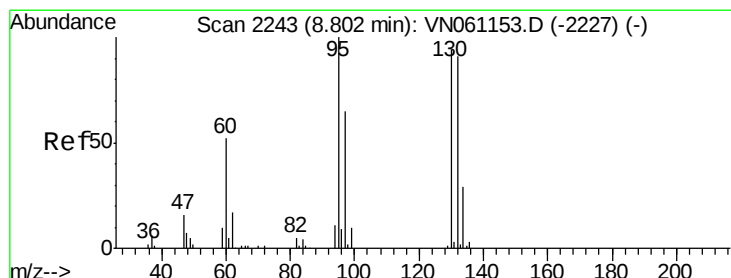
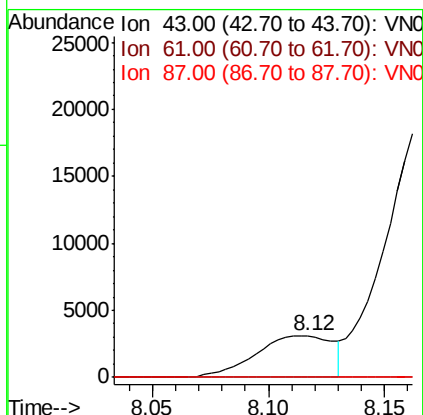
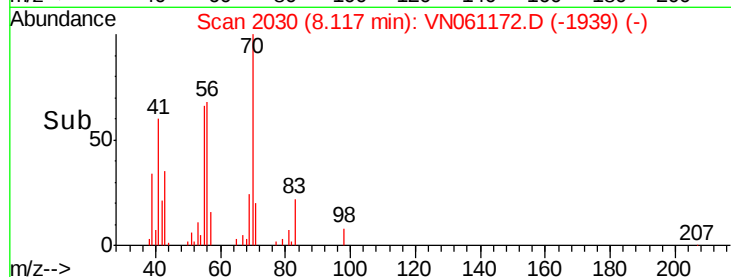
87 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 11.340 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061172.D

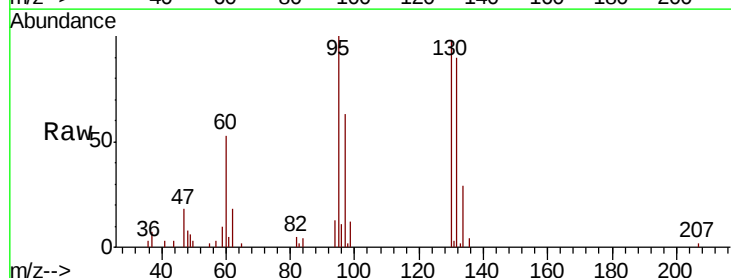
Acq: 28 Apr 2020 18:46

Tgt Ion: 130 Resp: 16780

Ion Ratio Lower Upper

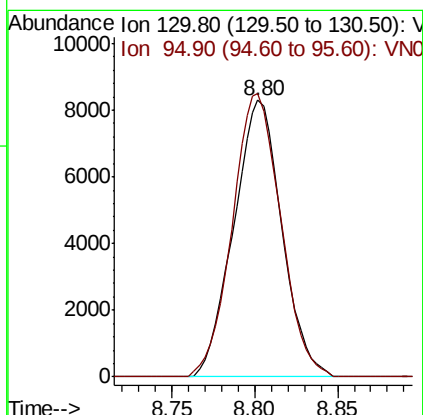
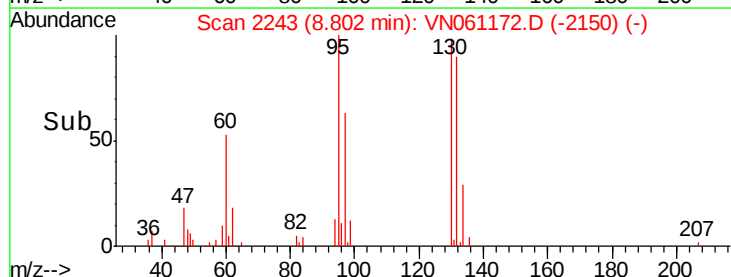
130 100

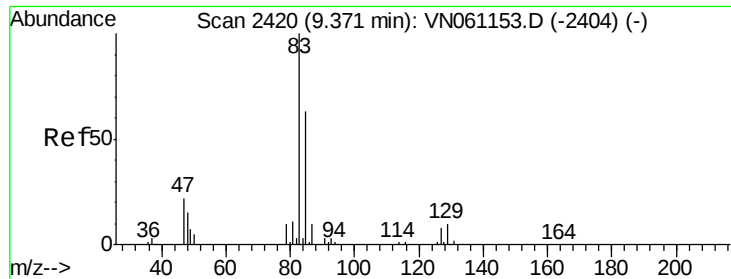
95 102.4 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#47

Bromodichloromethane

Concen: 0.639 ug/l

RT: 9.34 min Scan# 2409

Delta R.T. -0.04 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422

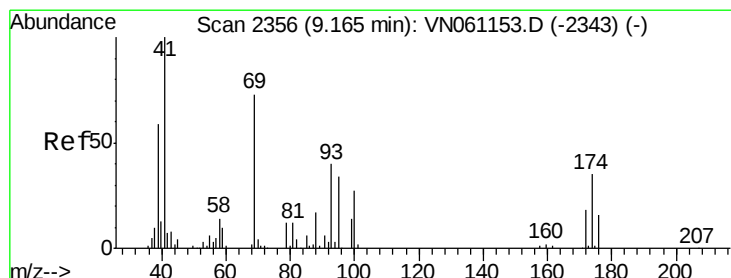
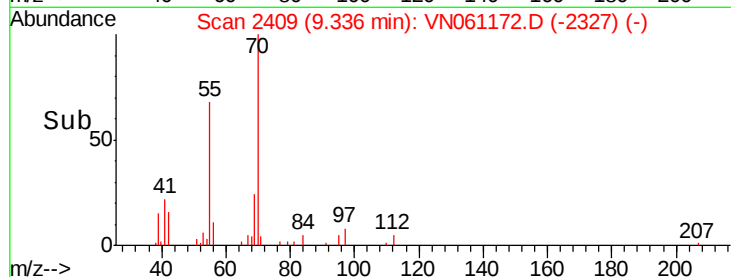
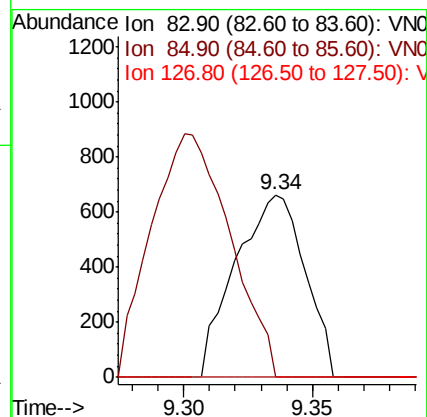
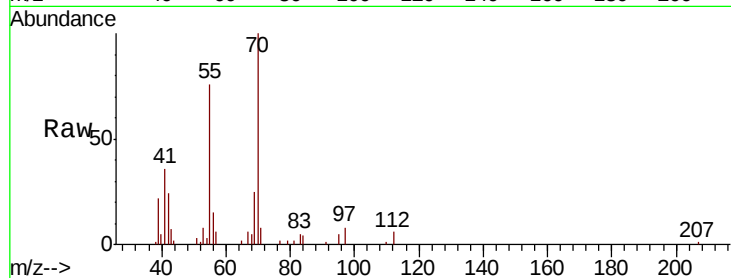
Tot Ion: 83 Resp: 1241

Ion Ratio Lower Upper

83 100

85 0.0 50.4 75.6#

127 0.0 6.2 9.2#



#48

Methyl methacrylate

Concen: 3.354 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. 0.02 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

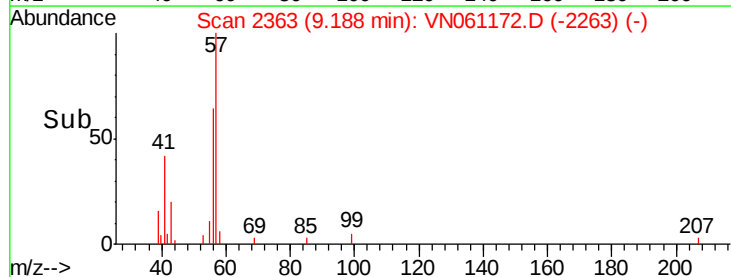
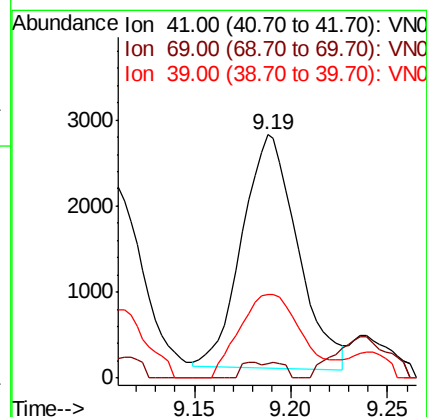
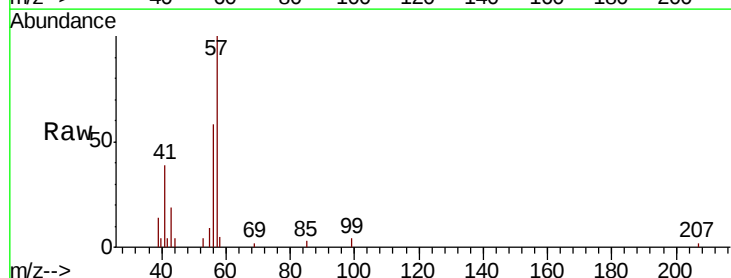
Tgt Ion: 41 Resp: 5411

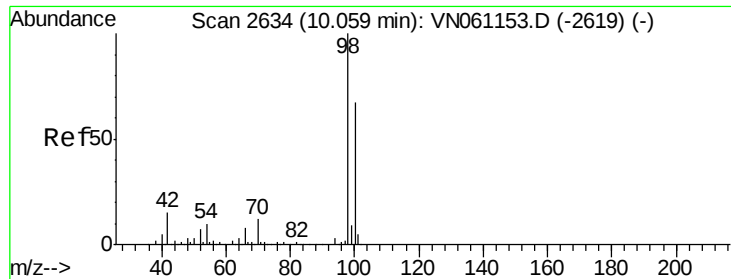
Ion Ratio Lower Upper

41 100

69 0.0 60.3 90.5#

39 39.6 47.4 71.0#





#50

Toluene-d8

Concen: 52.742 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

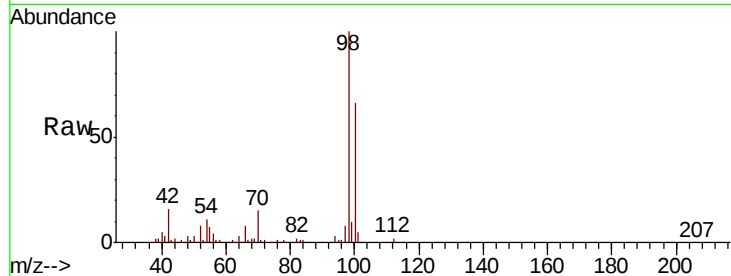
ST006RW149-200422

Tot Ion: 98 Resp: 233346

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061172.D (-2541) (-)

10.06

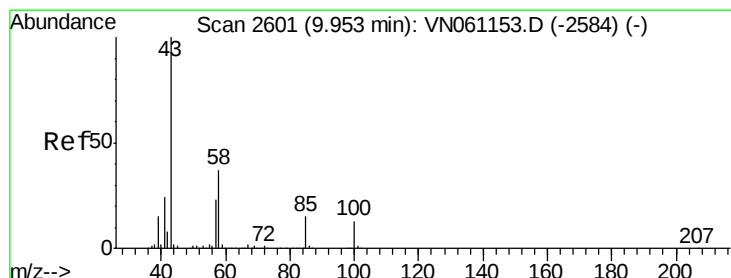
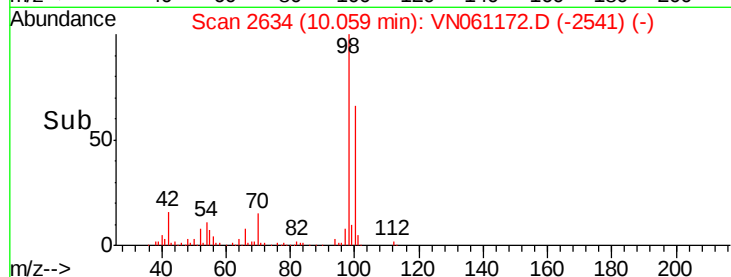
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.684 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.04 min

Lab File: VN061172.D

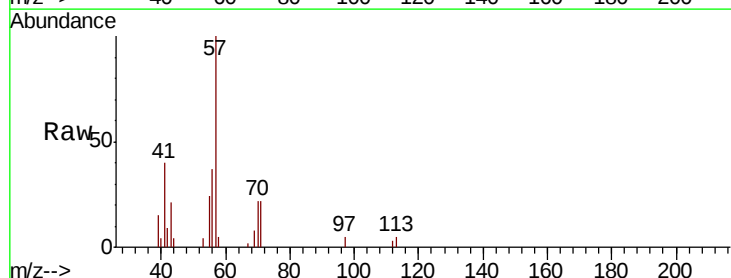
Acq: 28 Apr 2020 18:46

Tgt Ion: 43 Resp: 3544

Ion Ratio Lower Upper

43 100

58 18.4 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061172.D (-2508) (-)

9.99

2000

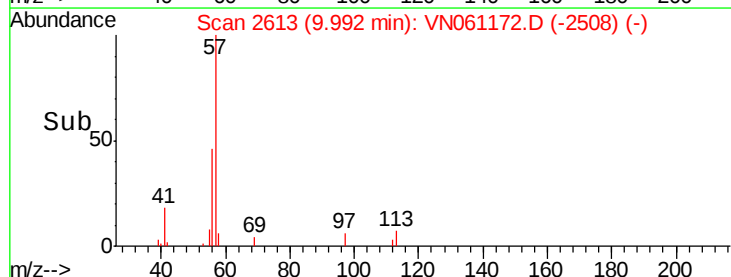
1500

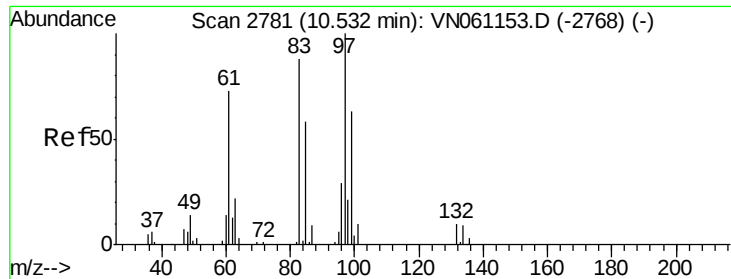
1000

500

0

Time-->

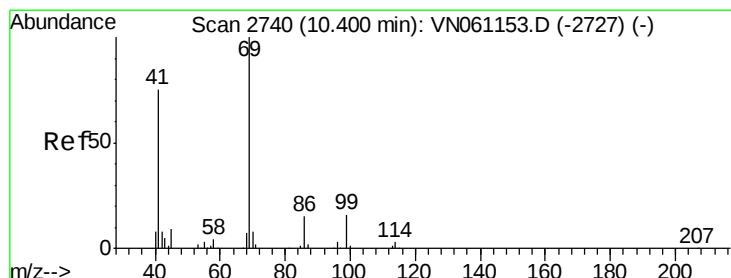
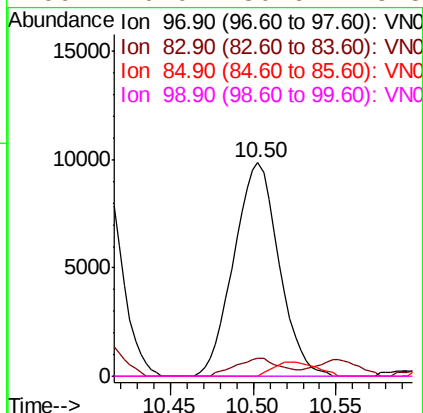
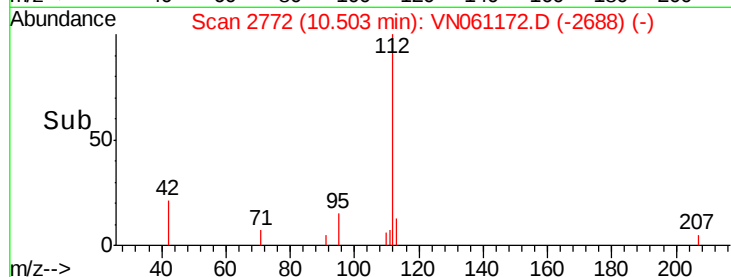
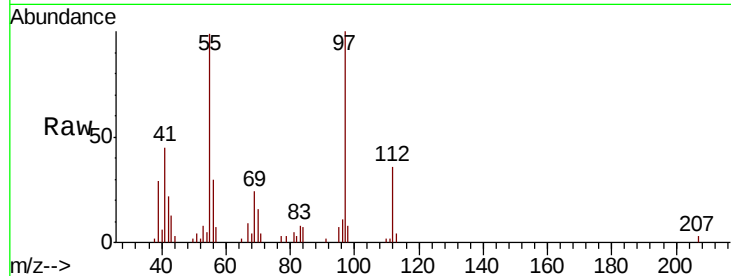




#55
 1,1,2-Trichloroethane
 Concen: 14.166 ug/l
 RT: 10.50 min Scan# 2772
 Delta R.T. -0.03 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

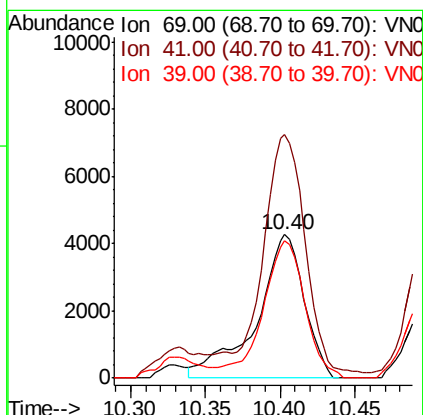
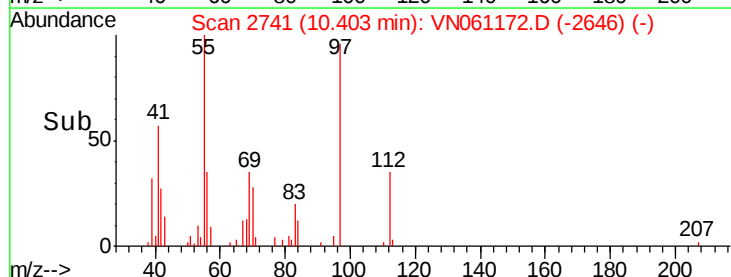
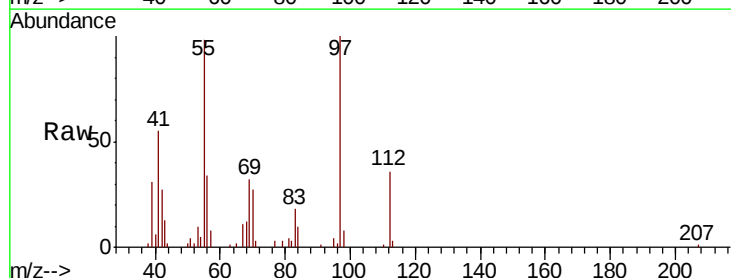
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422

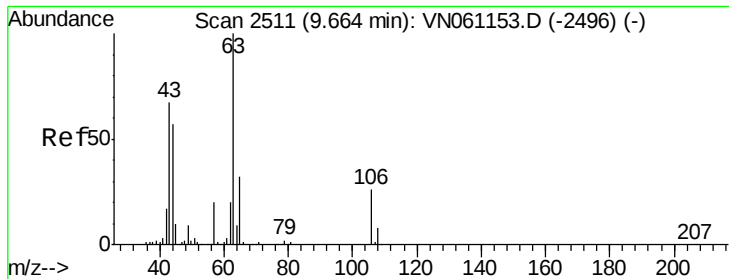
Tot Ion	97	Resp	18630
Ion	Ratio	Lower	Upper
97	100		
83	8.5	70.6	106.0#
85	0.0	46.4	69.6#
99	0.0	50.6	75.8#



#56
 Ethyl methacrylate
 Concen: 6.618 ug/l
 RT: 10.40 min Scan# 2741
 Delta R.T. 0.00 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Tgt Ion	69	Resp	9430
Ion	Ratio	Lower	Upper
69	100		
41	142.1	60.3	90.5#
39	84.6	35.9	53.9#

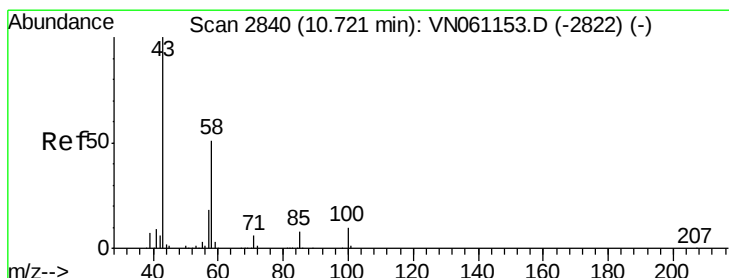
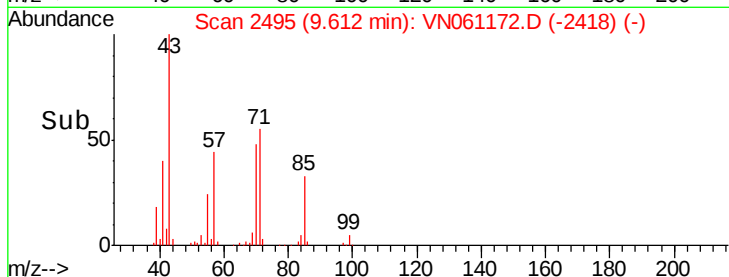
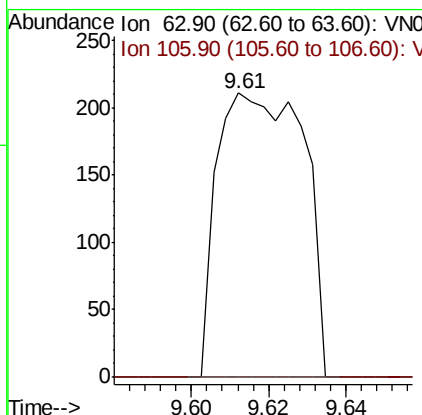
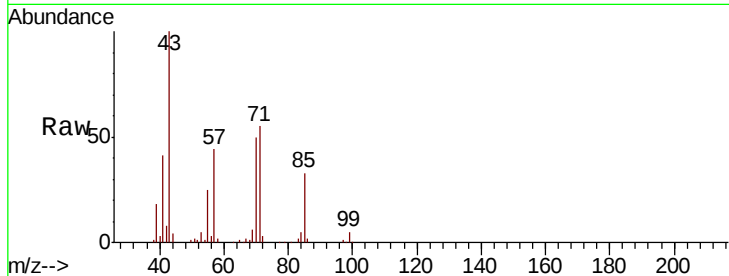




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.308 ug/l
 RT: 9.61 min Scan# 2495
 Delta R.T. -0.05 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

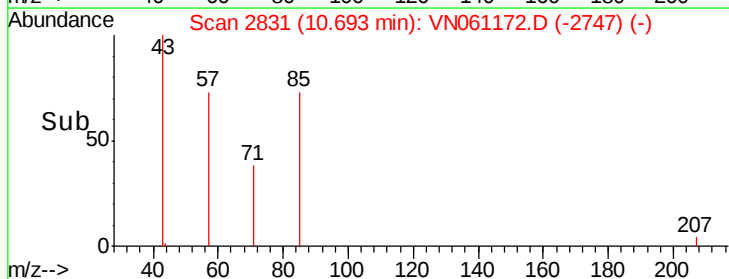
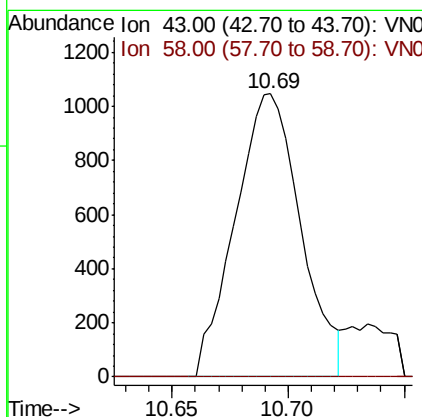
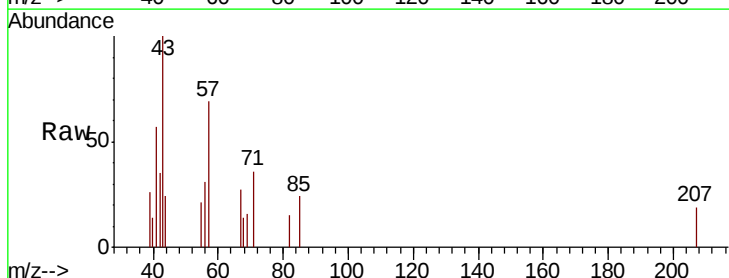
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422

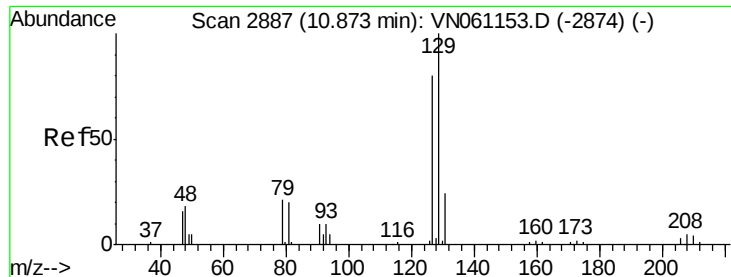
Tot Ion: 63 Resp: 328
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.6 30.8#



#59
 2-Hexanone
 Concen: 1.342 ug/l
 RT: 10.69 min Scan# 2831
 Delta R.T. -0.03 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Tgt Ion: 43 Resp: 2055
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.4 76.4#

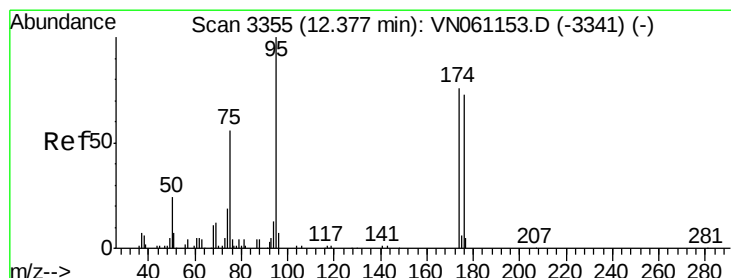
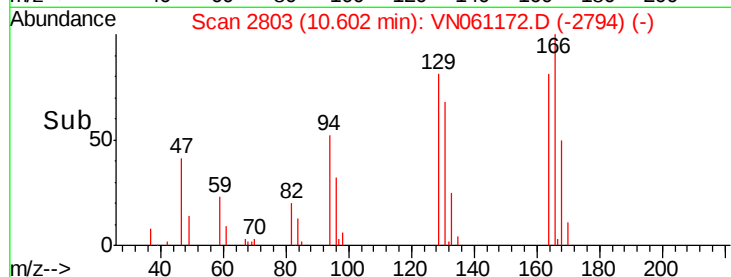
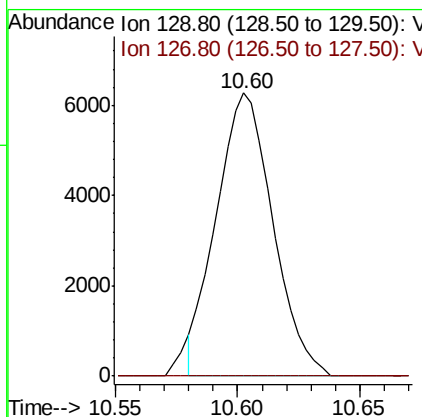
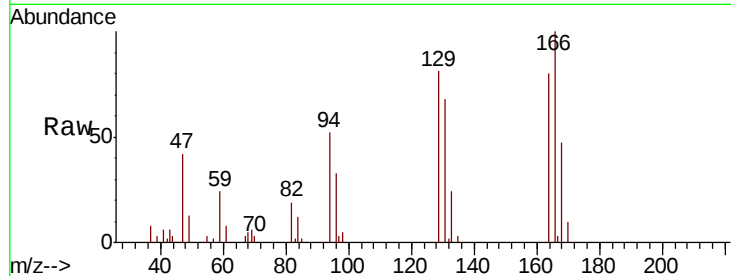




#60
Dibromochloromethane
Concen: 7.327 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. -0.27 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

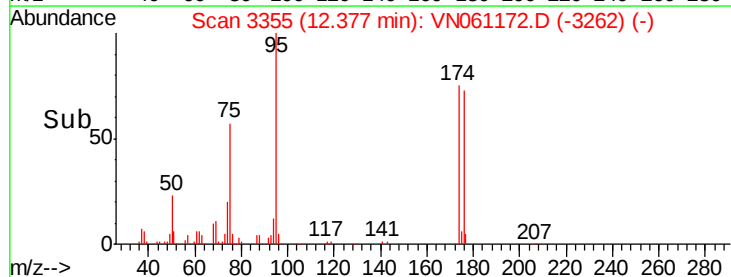
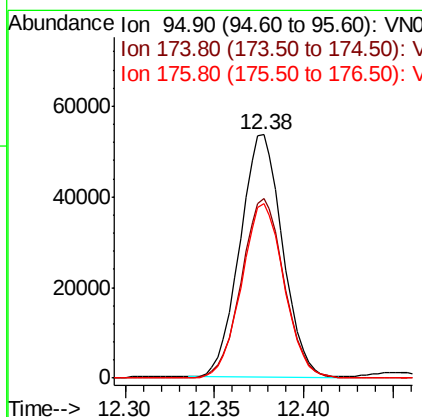
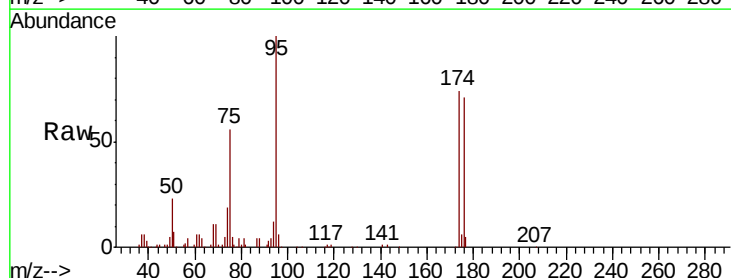
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422

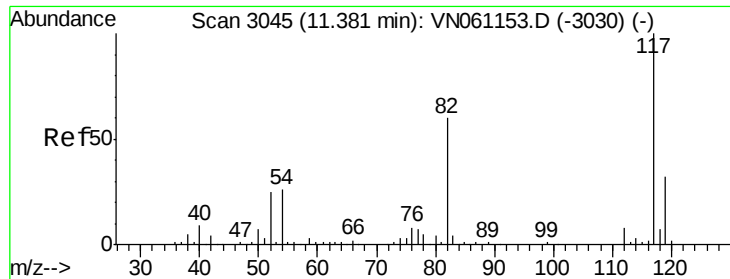
Tot Ion:129 Resp: 10092
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#



#62
4-Bromofluorobenzene
Concen: 53.412 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion: 95 Resp: 88928
Ion Ratio Lower Upper
95 100
174 74.5 0.0 149.4
176 71.9 0.0 144.8

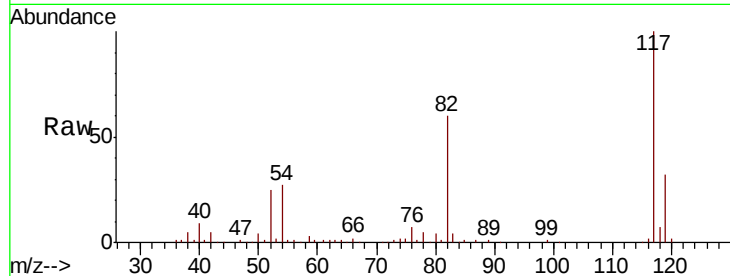




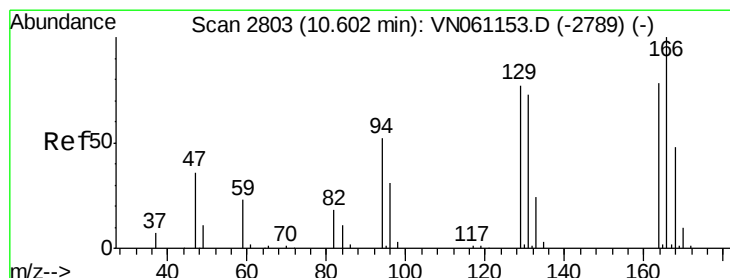
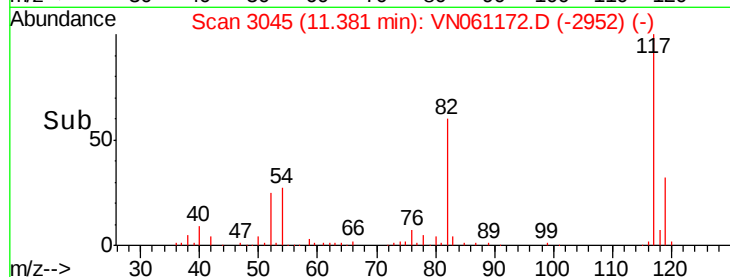
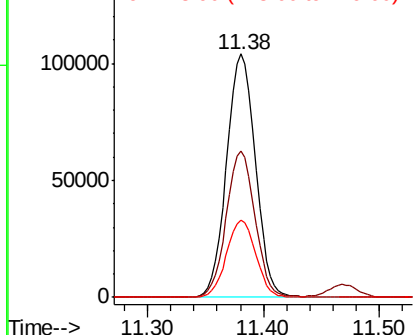
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422

Tot Ion:117 Resp: 179363
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 31.7 25.8 38.6



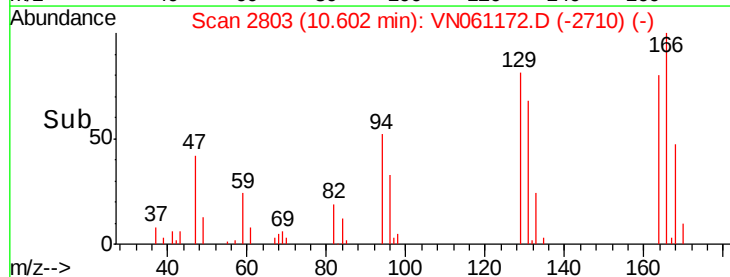
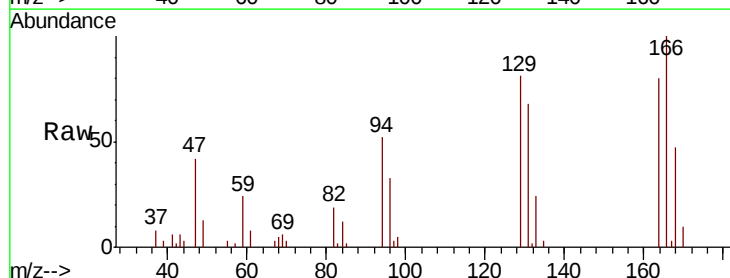
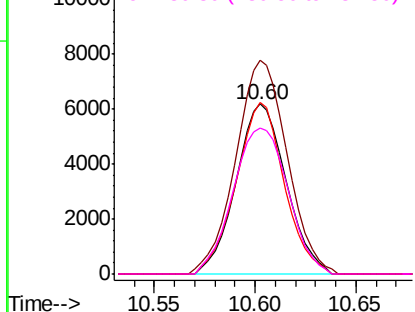
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

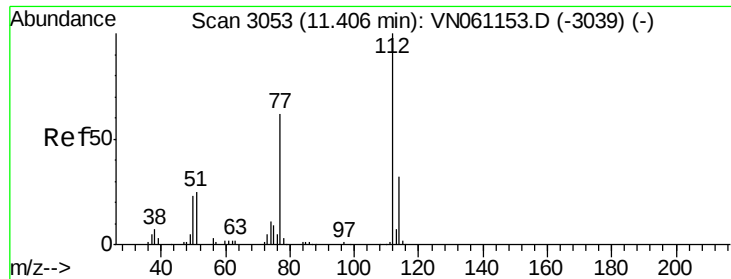


#64
Tetrachloroethene
Concen: 6.905 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion:164 Resp: 10726
Ion Ratio Lower Upper
164 100
166 125.6 102.0 153.0
129 101.2 78.2 117.2
131 85.7 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

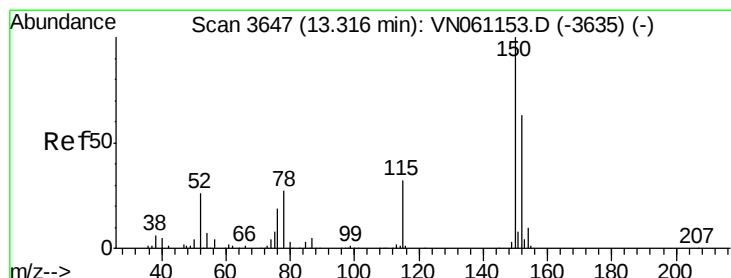
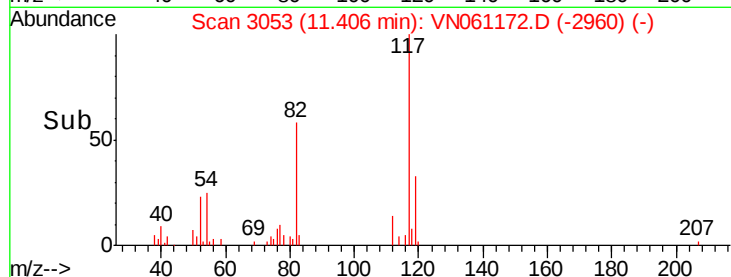
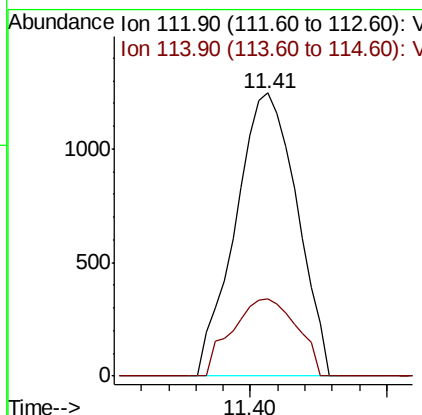
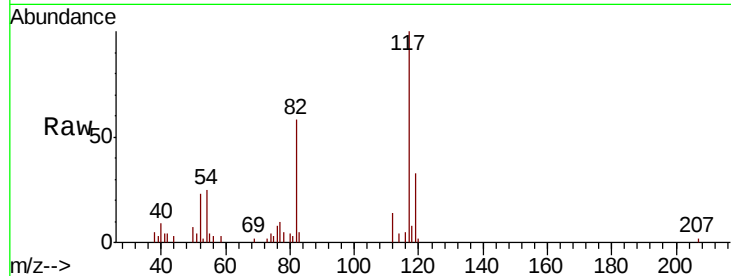




#65
Chlorobenzene
Concen: 0.548 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

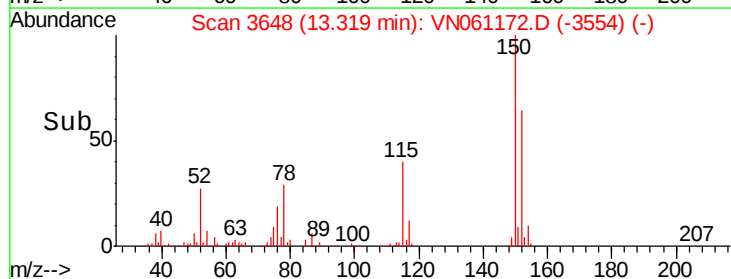
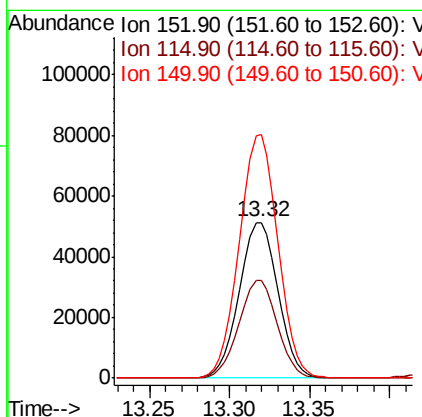
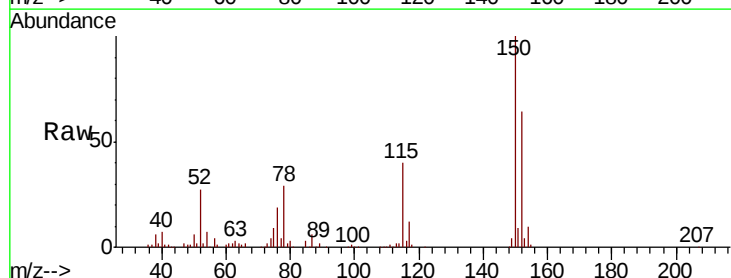
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422

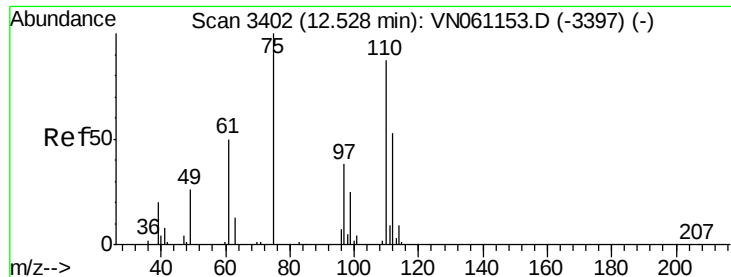
Tot Ion:112 Resp: 1949
Ion Ratio Lower Upper
112 100
114 27.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion:152 Resp: 84824
Ion Ratio Lower Upper
152 100
115 61.9 31.0 93.0
150 155.8 0.0 351.8

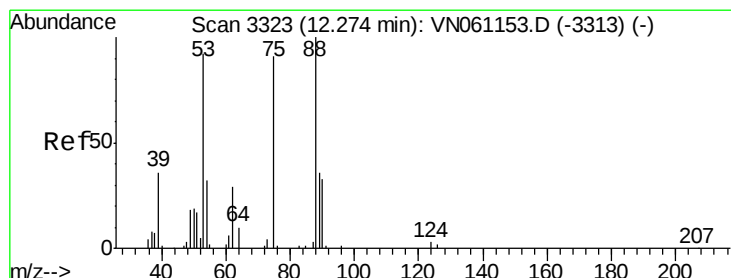
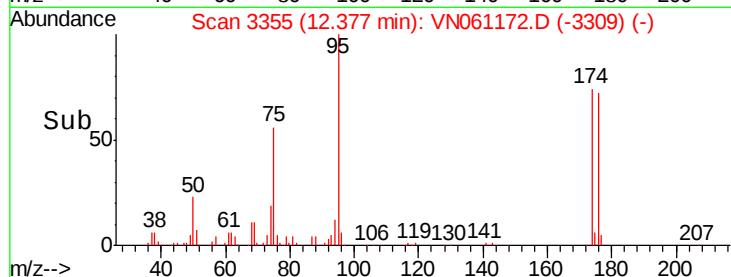
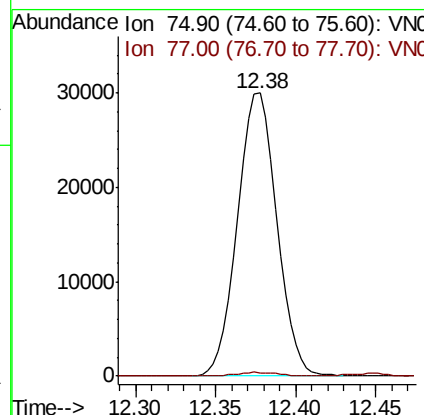
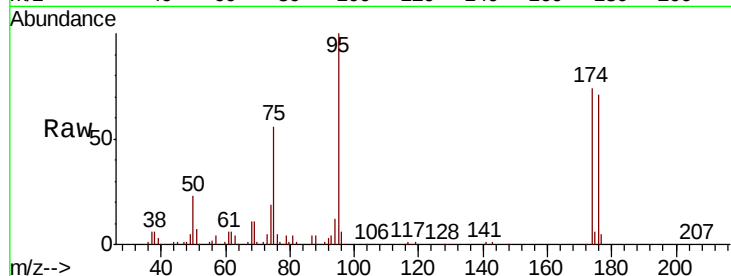




#76
 1,2,3-Trichloropropane
 Concen: 28.084 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

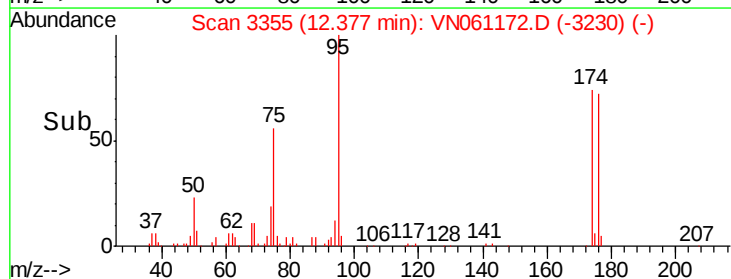
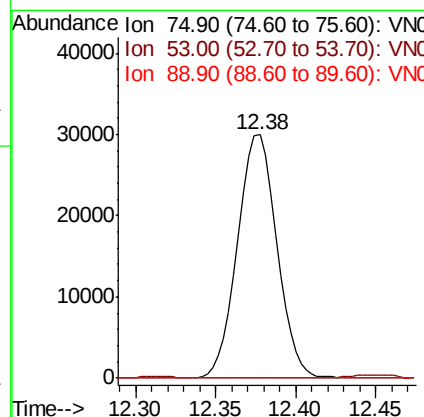
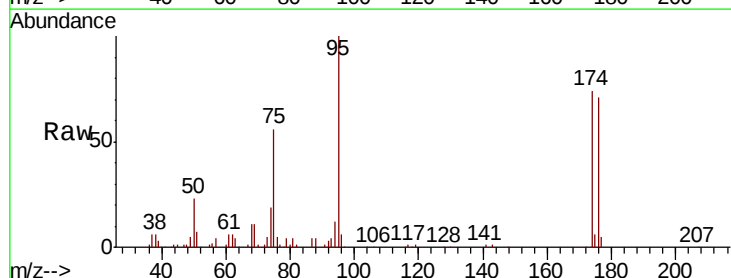
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422

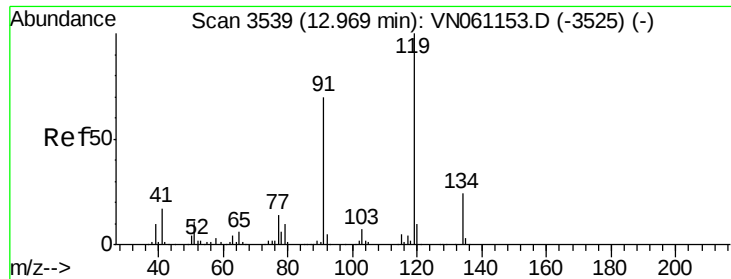
Tot Ion: 75 Resp: 50223
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.319 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Tgt Ion: 75 Resp: 50223
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

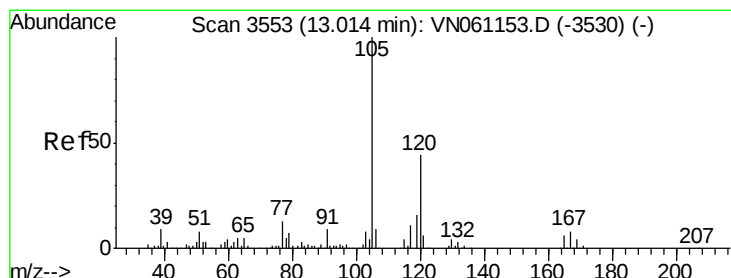
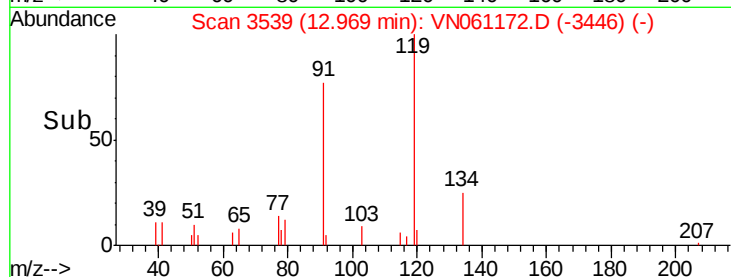
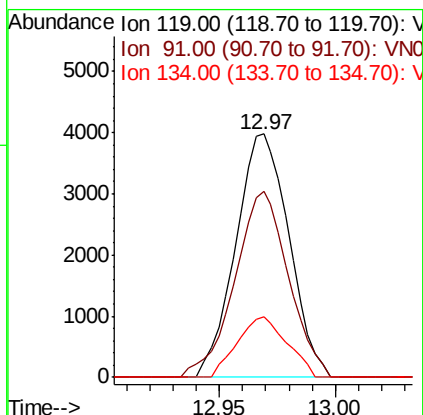
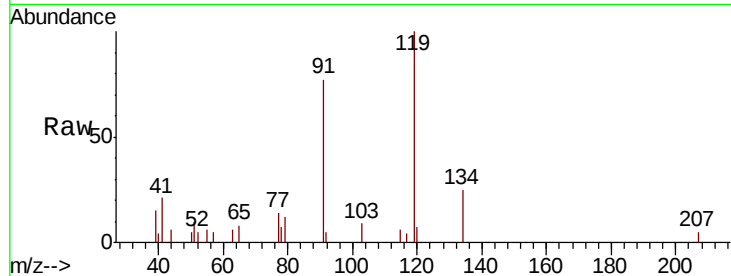




#83
tert-Butylbenzene
Concen: 1.458 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

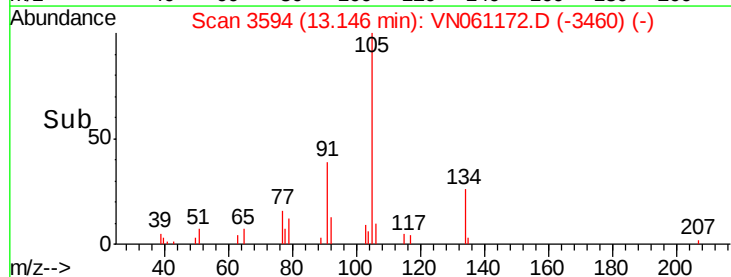
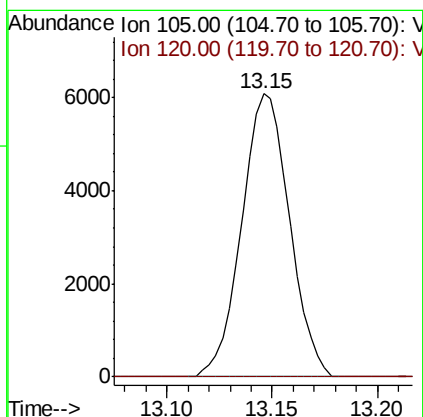
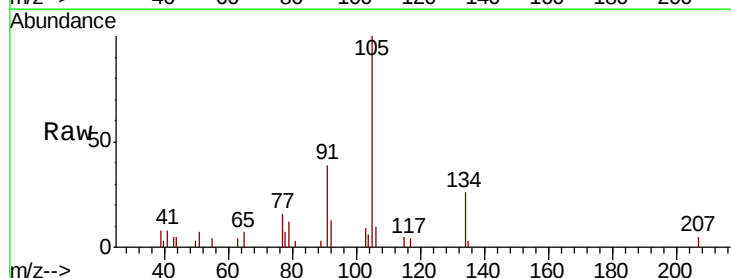
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422

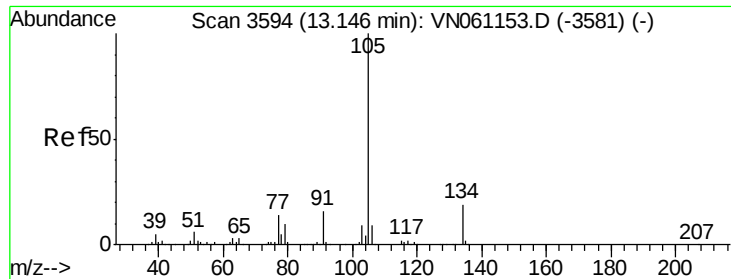
Tot Ion:119 Resp: 6346
Ion Ratio Lower Upper
119 100
91 77.2 34.8 104.4
134 23.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 1.801 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.13 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion:105 Resp: 9575
Ion Ratio Lower Upper
105 100
120 0.0 22.2 66.6#

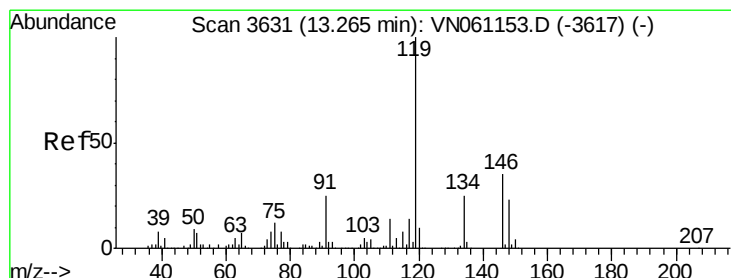
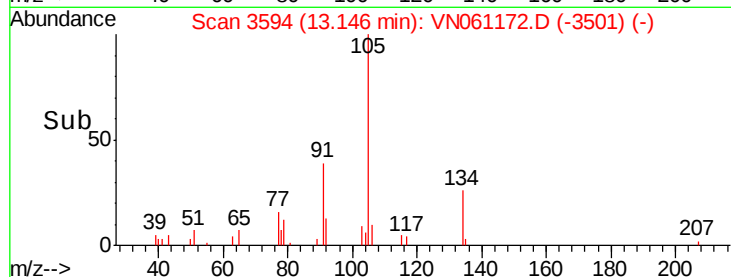
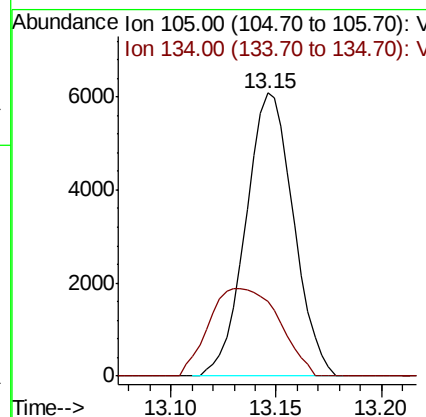
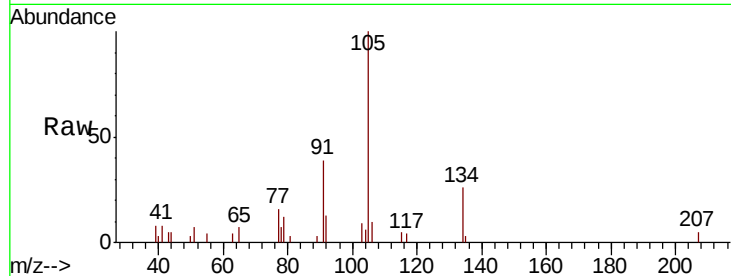




#85
 sec-Butylbenzene
 Concen: 1.614 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

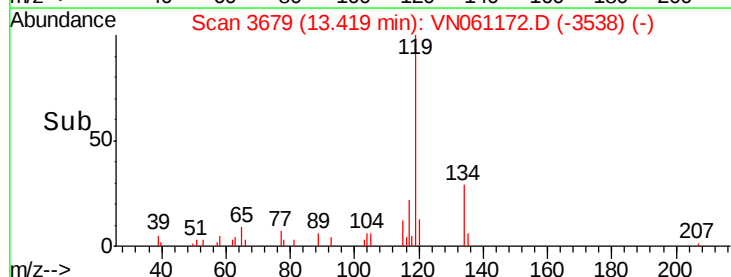
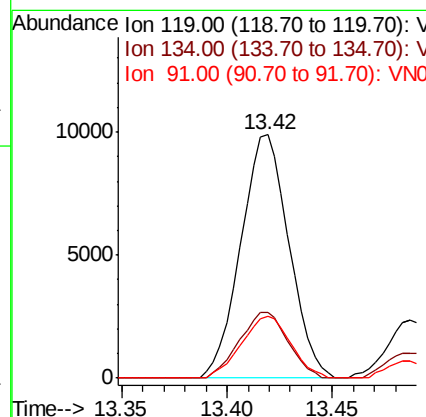
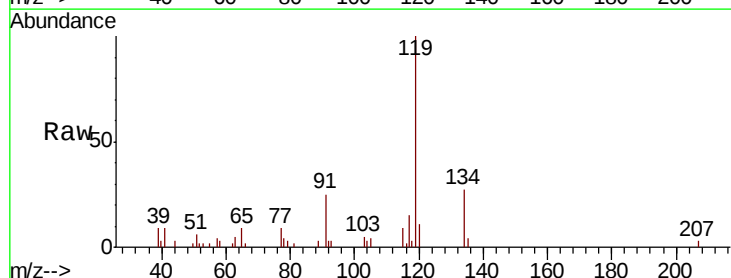
Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422

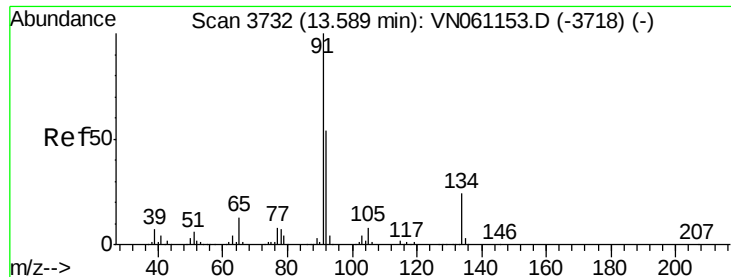
Tot Ion:105 Resp: 9575
 Ion Ratio Lower Upper
 105 100
 134 45.3 9.6 28.8#



#86
 p-Isopropyltoluene
 Concen: 2.933 ug/l
 RT: 13.42 min Scan# 3679
 Delta R.T. 0.15 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Tgt Ion:119 Resp: 15679
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.6 37.6
 91 25.9 12.7 38.0

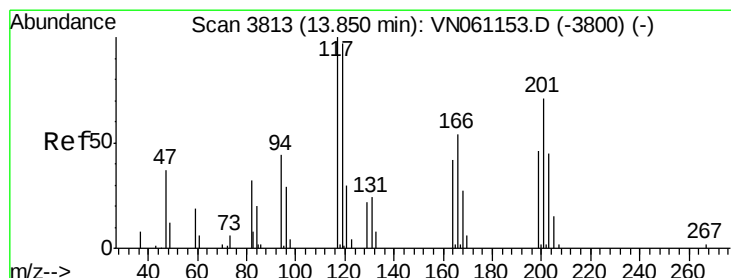
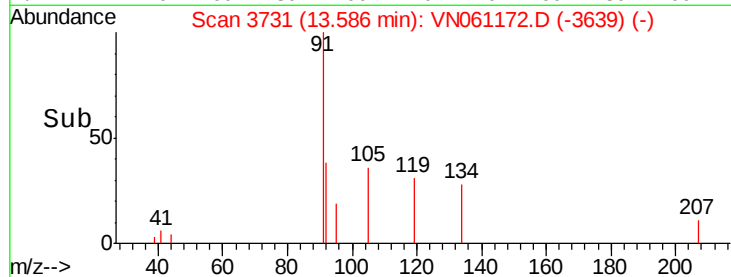
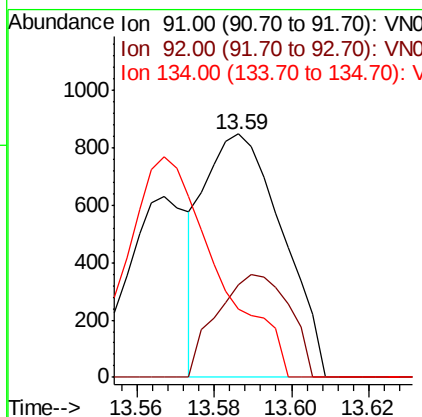
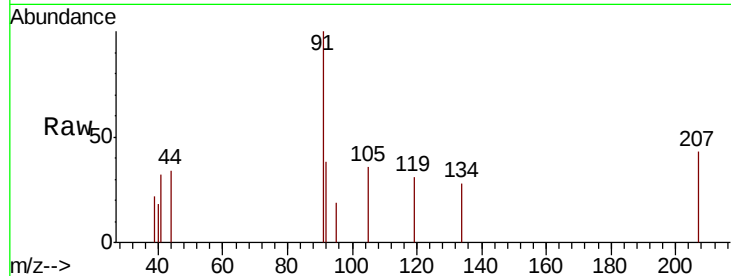




#89
n-Butylbenzene
Concen: 0.242 ug/l
RT: 13.59 min Scan# 3731
Delta R.T. -0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

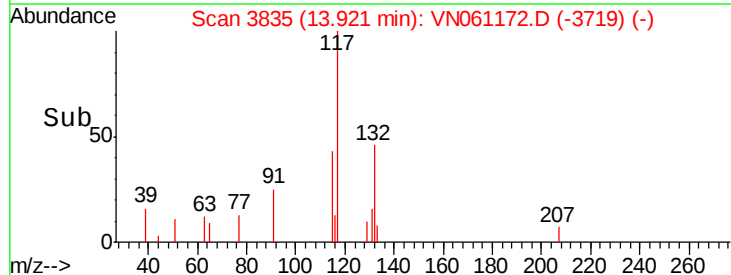
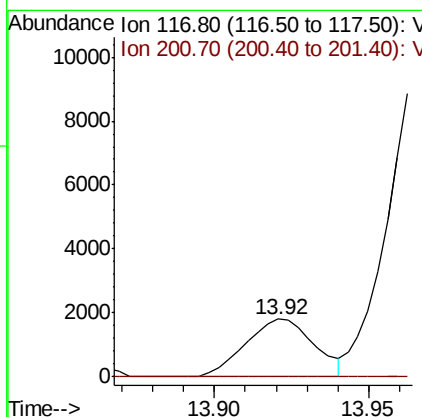
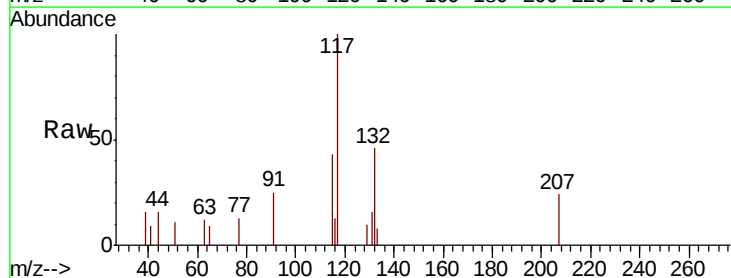
Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422

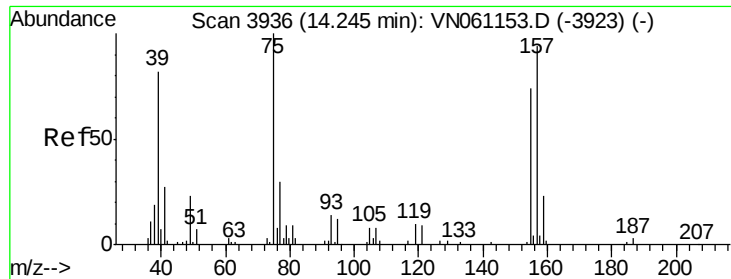
Tot Ion: 91 Resp: 1185
Ion Ratio Lower Upper
91 100
92 39.3 26.8 80.3
134 0.0 11.9 35.5#



#90
Hexachloroethane
Concen: 11.879 ug/l
RT: 13.92 min Scan# 3835
Delta R.T. 0.07 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion: 117 Resp: 2798
Ion Ratio Lower Upper
117 100
201 0.0 35.5 106.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.392 ug/l

RT: 14.11 min Scan# 3893

Delta R.T. -0.14 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422

Tot Ion: 75 Resp: 161

Ion Ratio Lower Upper

75 100

155 0.0 36.5 109.7#

157 0.0 46.6 139.7#

