

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032020\
 Data File : VN060655.D
 Acq On : 20 Mar 2020 16:10
 Operator : JC/MD
 Sample : L1749-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 20 23:25:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	122850	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
35) Dibromofluoromethane	7.56	113	93744	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	10.08	98	383573	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.40	95	143727	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	

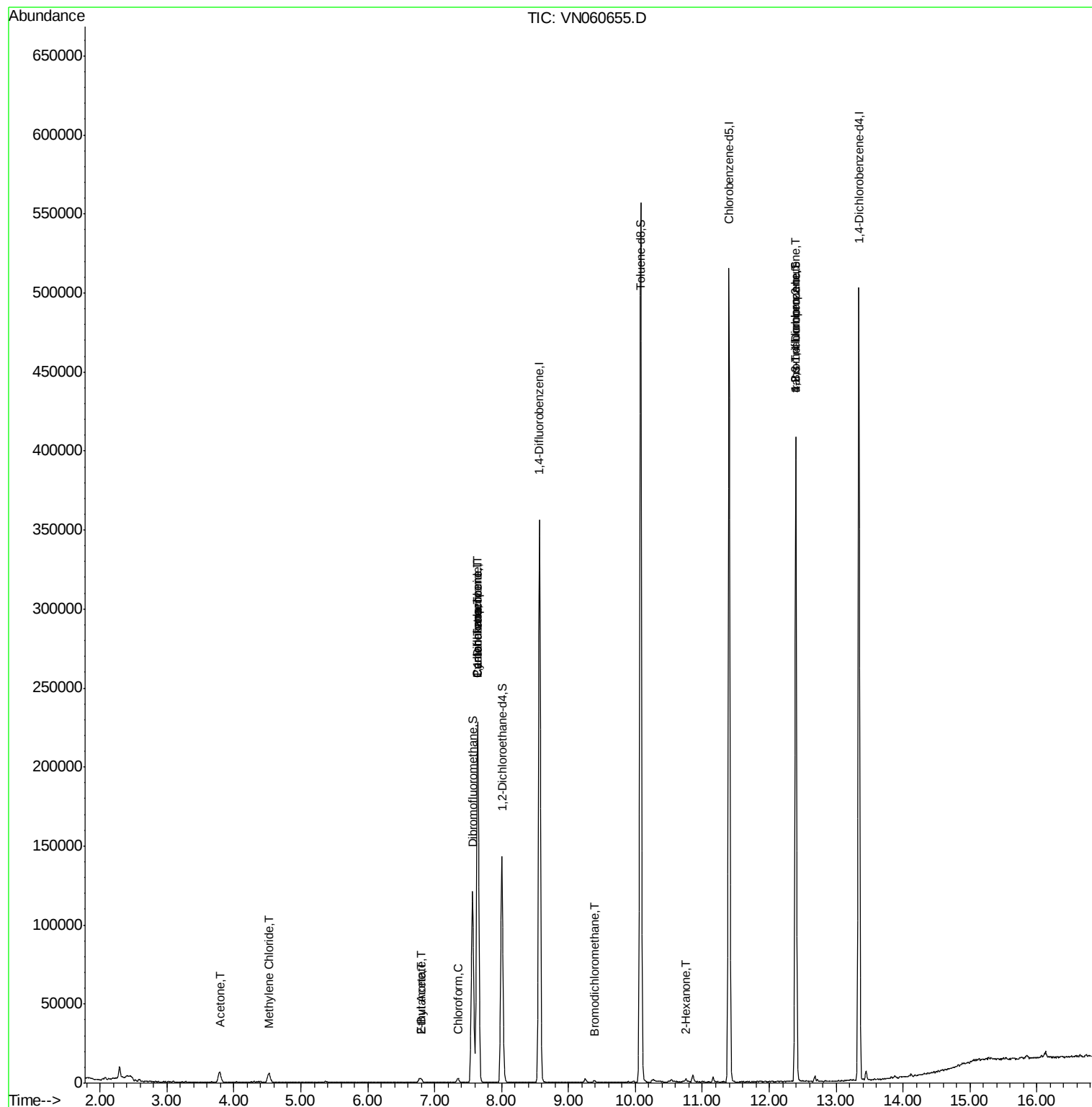
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	12620	13.790	ug/l	99
20) Methylene Chloride	4.52	84	2436	1.082	ug/l #	85
25) 2-Butanone	6.81	43	2729	1.843	ug/l #	83
30) Chloroform	7.35	83	2826	0.714	ug/l	99
31) Cyclohexane	7.64	56	3848	0.925	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14674	4.834	ug/l #	49
37) Ethyl Acetate	6.81	43	2729	0.832	ug/l #	70
38) Carbon Tetrachloride	7.64	117	17626	6.479	ug/l #	16
47) Bromodichloromethane	9.40	83	1163	0.383	ug/l #	67
59) 2-Hexanone	10.76	43	727	0.328	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	72992	25.378	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	72992	65.178	ug/l #	13

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060655.D

Acq: 20 Mar 2020 16:10

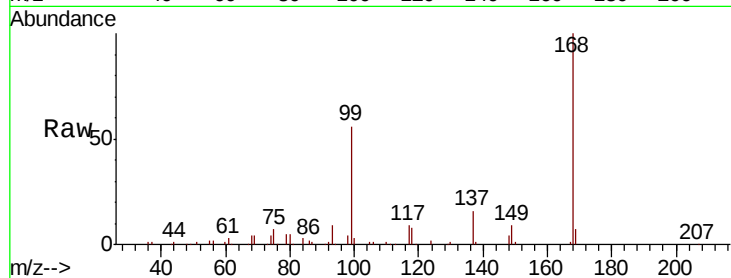
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 188205

Ion Ratio Lower Upper

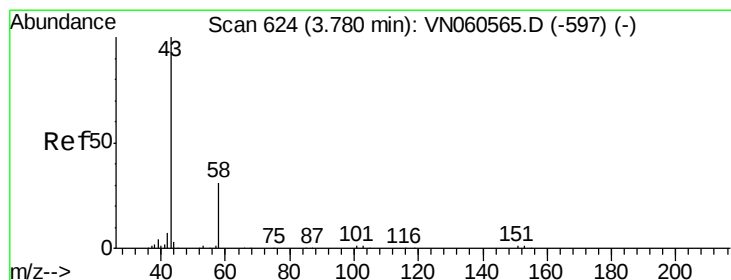
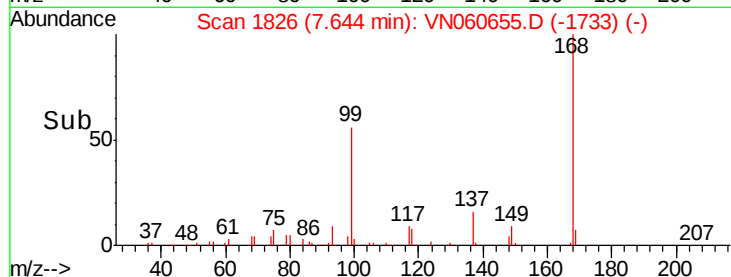
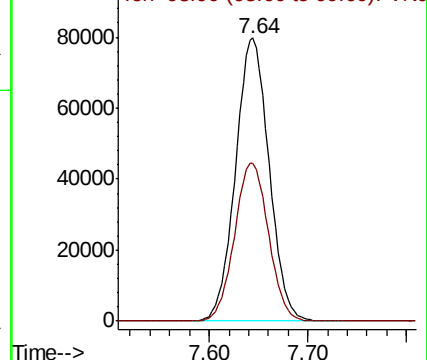
168 100

99 55.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 13.790 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060655.D

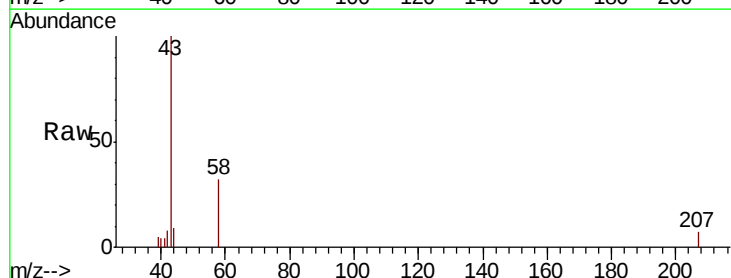
Acq: 20 Mar 2020 16:10

Tgt Ion: 43 Resp: 12620

Ion Ratio Lower Upper

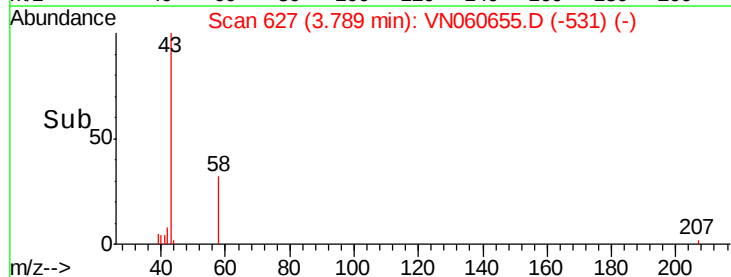
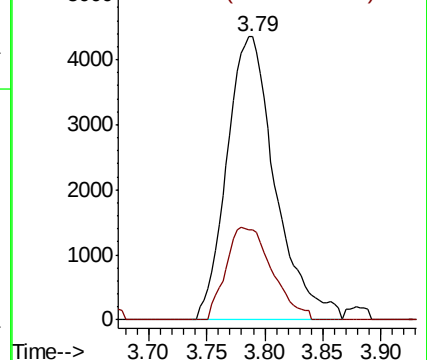
43 100

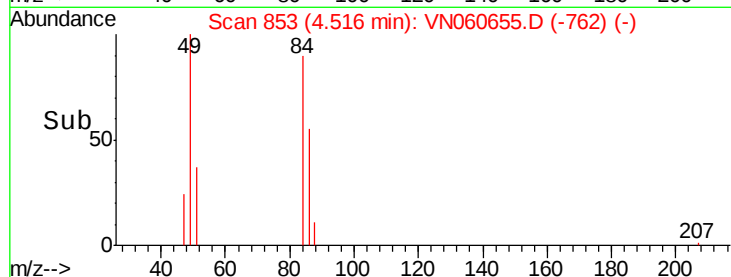
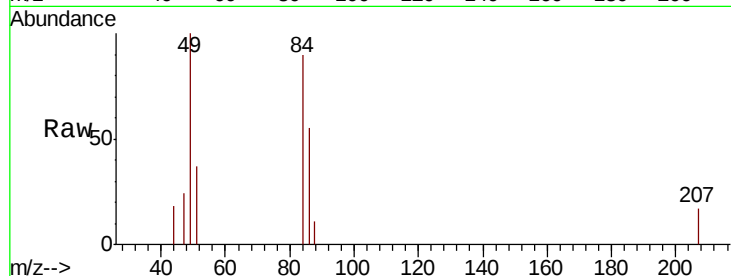
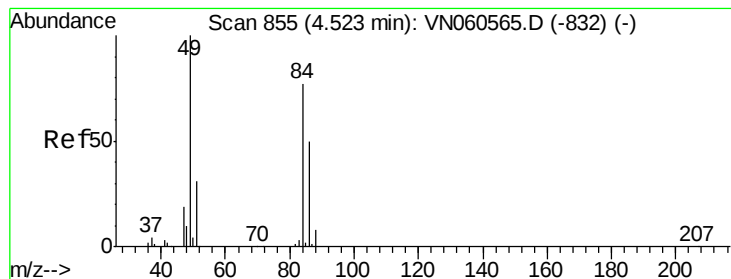
58 31.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.082 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN060565.D

Acq: 20 Mar 2020 16:10

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 2436

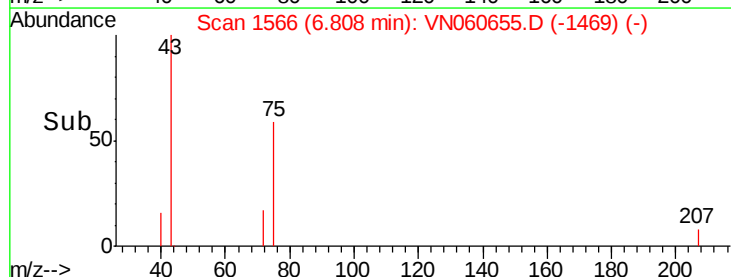
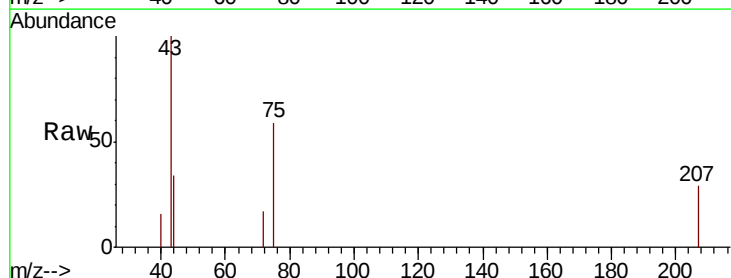
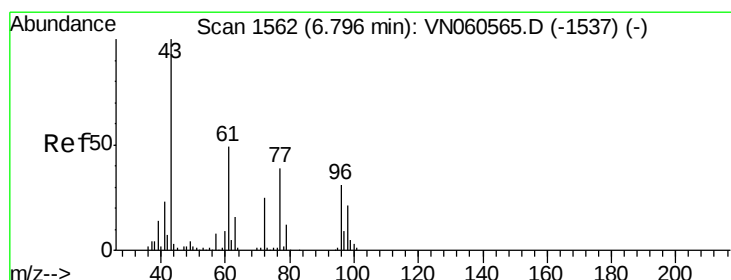
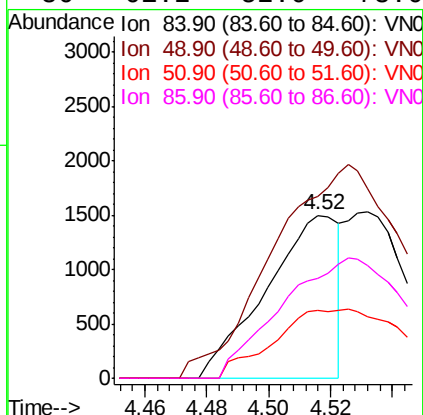
Ion Ratio Lower Upper

84 100

49 101.3 103.3 154.9#

51 41.4 31.6 47.4

86 61.2 52.0 78.0



#25

2-Butanone

Concen: 1.843 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VN060565.D

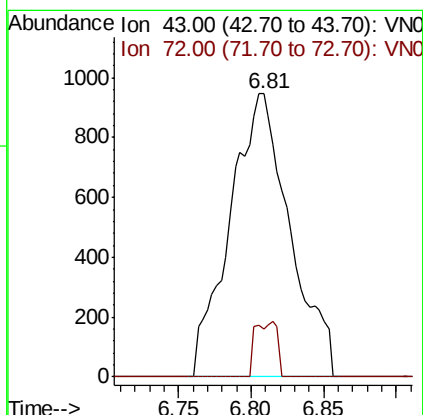
Acq: 20 Mar 2020 16:10

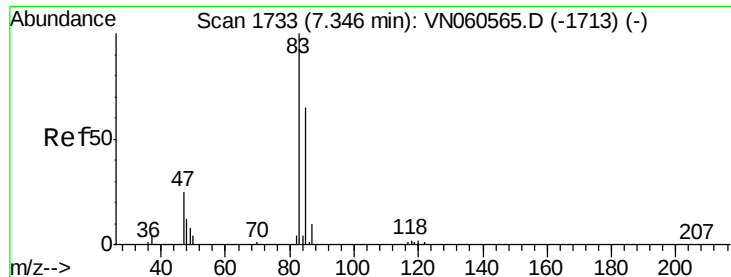
Tgt Ion: 43 Resp: 2729

Ion Ratio Lower Upper

43 100

72 17.0 20.4 30.6#

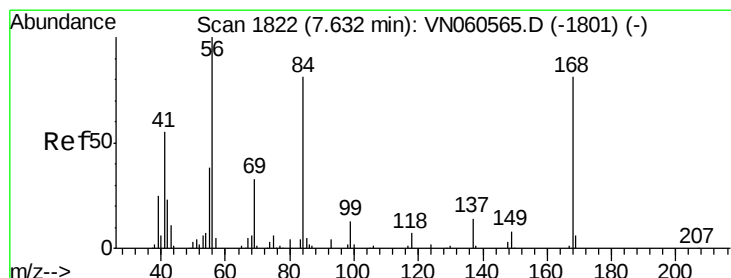
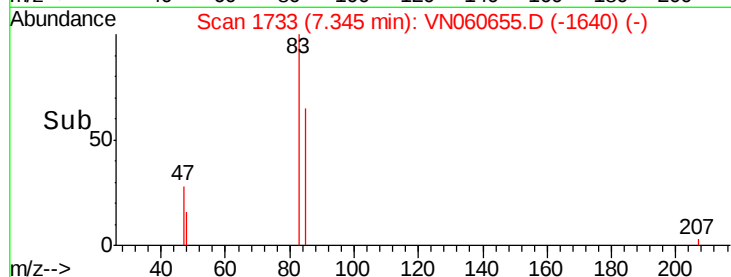
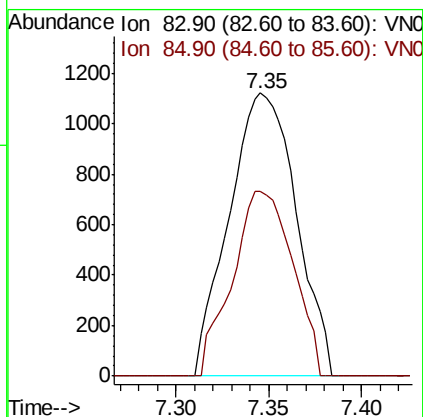
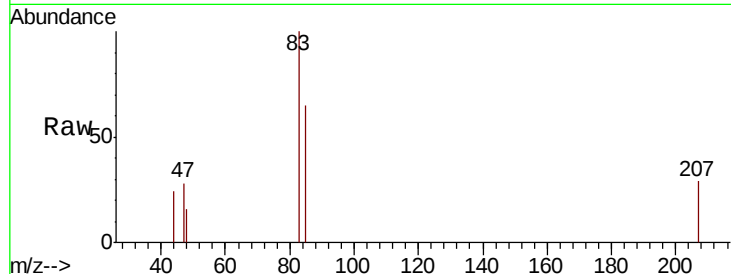




#30
Chloroform
Concen: 0.714 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060655.D
Acq: 20 Mar 2020 16:10

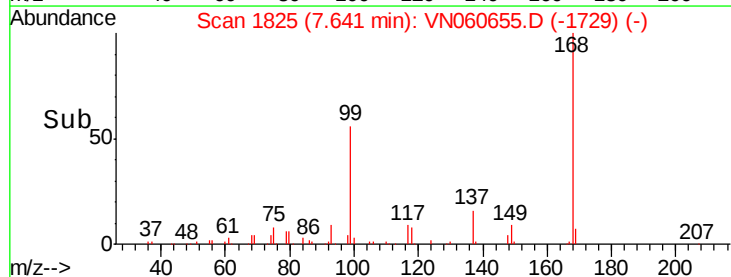
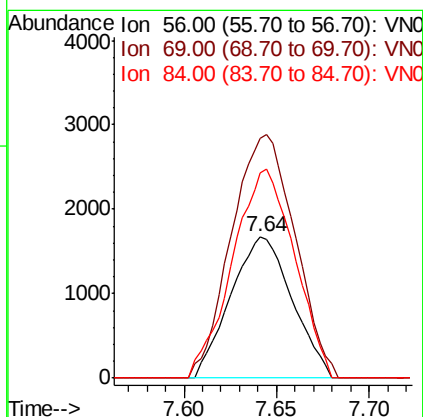
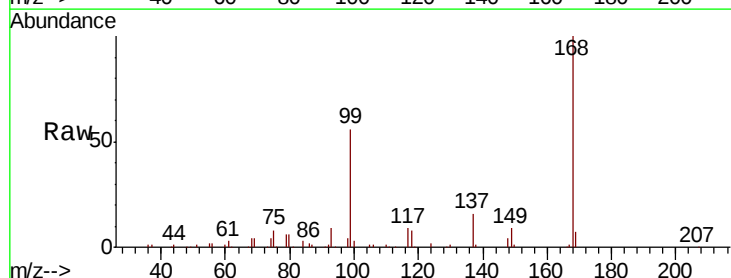
Instrument :
MSVOA_N
ClientSampleId :

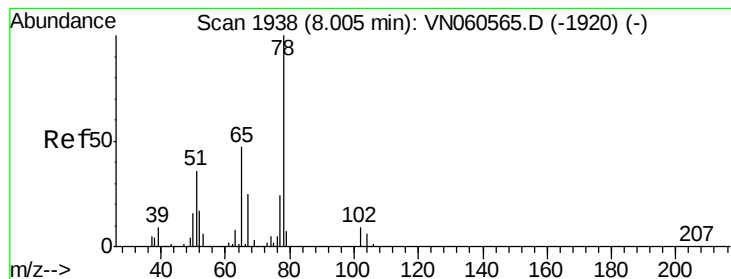
Tot Ion: 83 Resp: 2826
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN060655.D
Acq: 20 Mar 2020 16:10

Tgt Ion: 56 Resp: 3848
Ion Ratio Lower Upper
56 100
69 169.4 26.6 40.0#
84 144.7 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 47.549 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060565.D

Acq: 20 Mar 2020 16:10

Instrument :

MSVOA_N

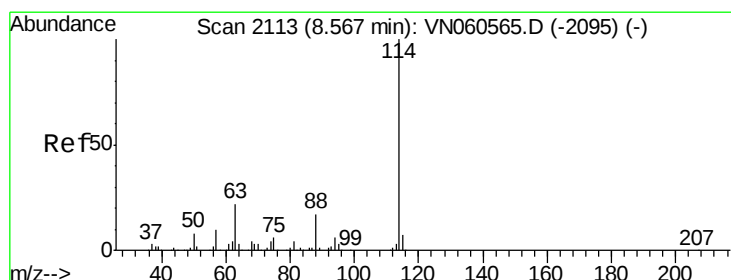
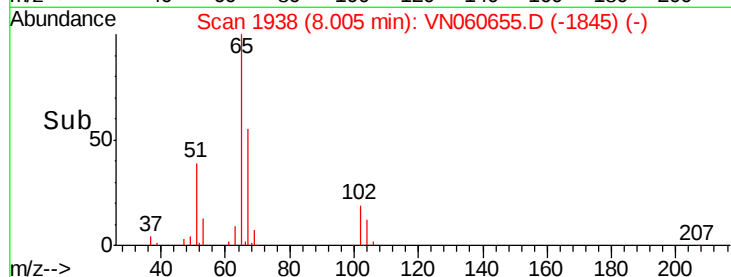
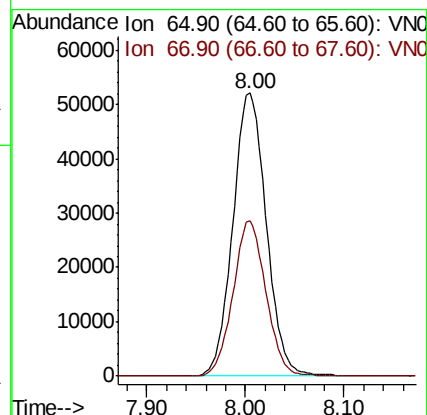
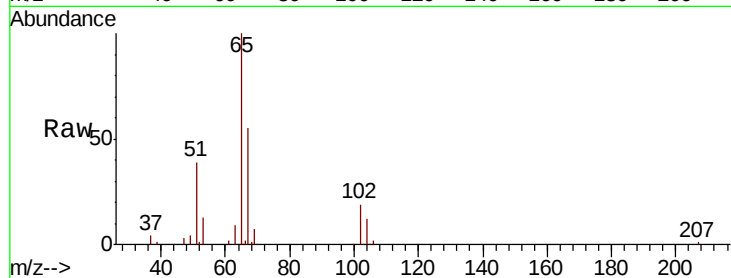
ClientSampleId :

Tot Ion: 65 Resp: 122850

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060565.D

Acq: 20 Mar 2020 16:10

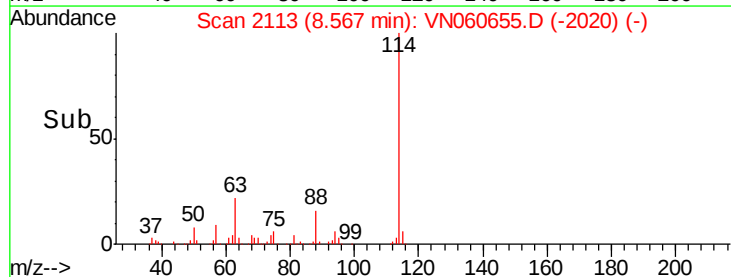
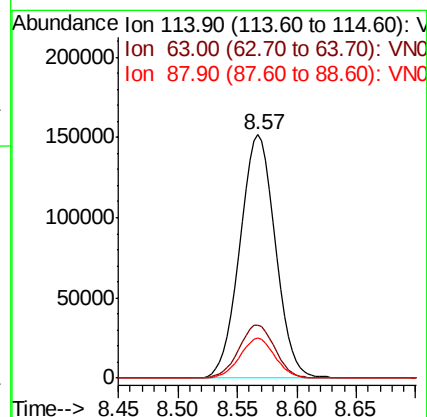
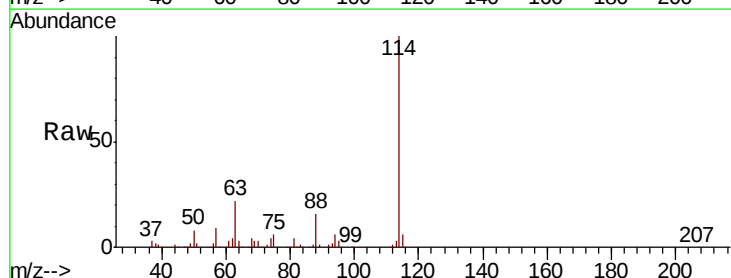
Tgt Ion: 114 Resp: 313488

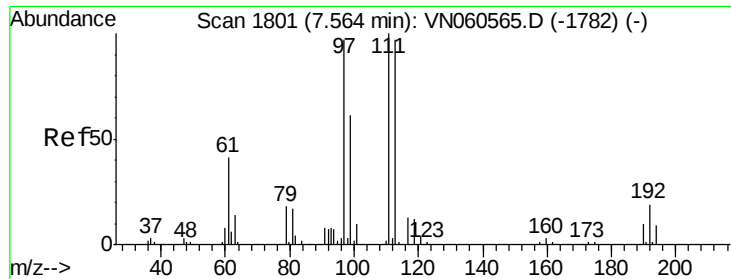
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 16.3 0.0 33.0

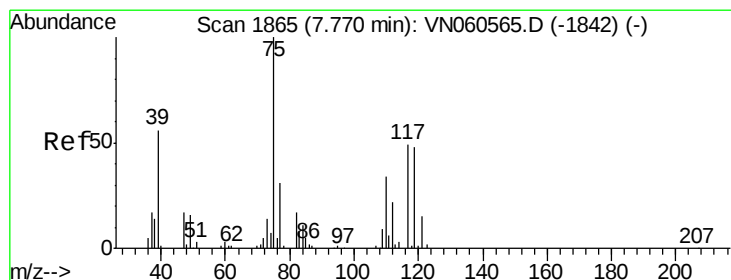
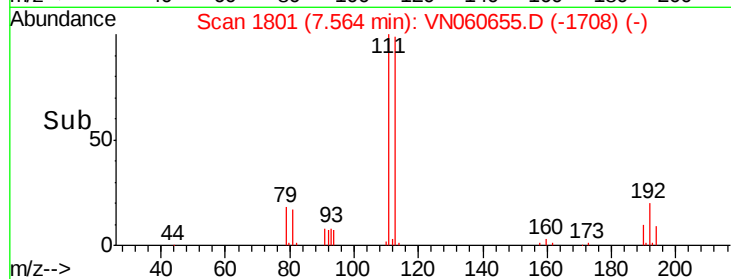
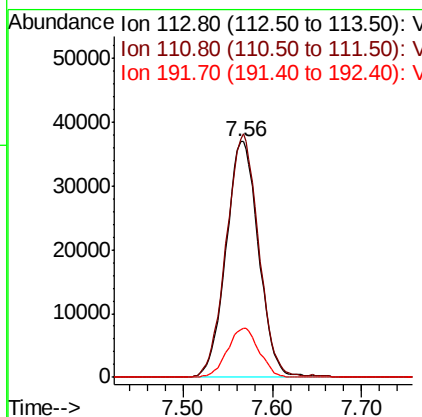
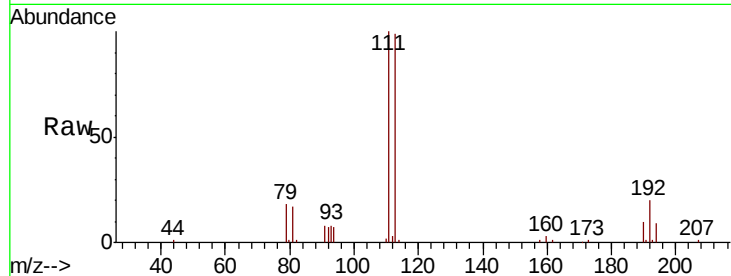




#35
 Dibromofluoromethane
 Concen: 49.454 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060655.D
 Acq: 20 Mar 2020 16:10

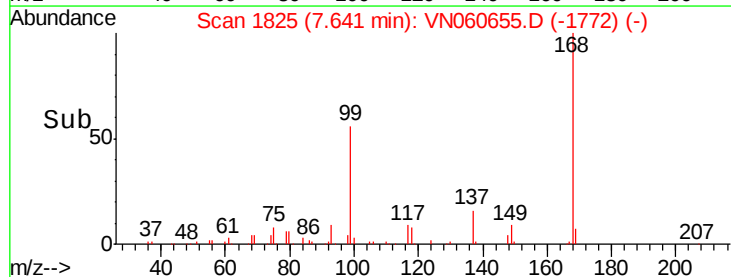
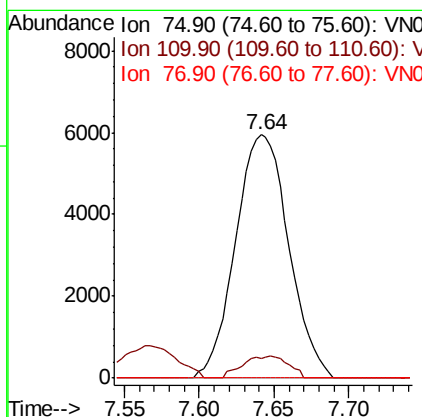
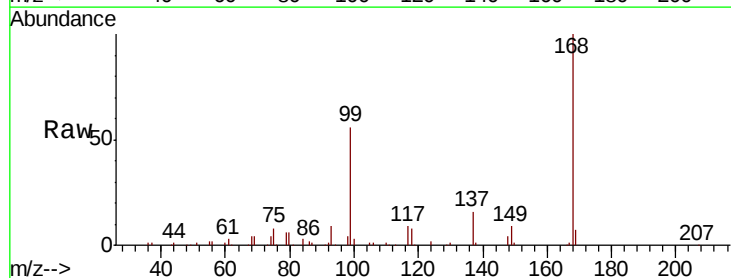
Instrument :
 MSVOA_N
 ClientSampled :

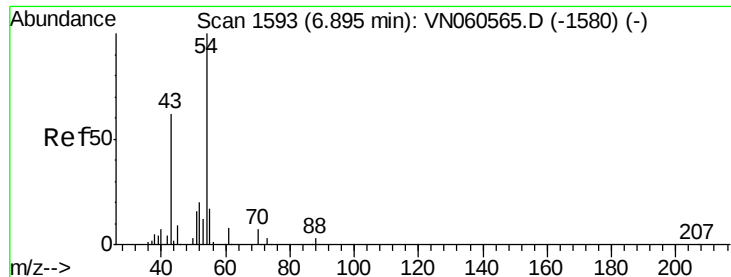
Tot Ion:113 Resp: 93744
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 20.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060655.D
 Acq: 20 Mar 2020 16:10

Tgt Ion: 75 Resp: 14674
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.9 50.6#
 77 0.0 24.6 36.8#

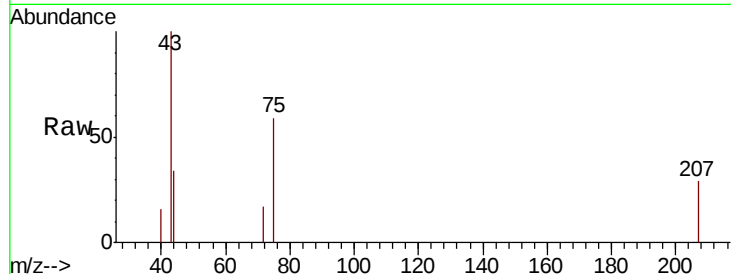




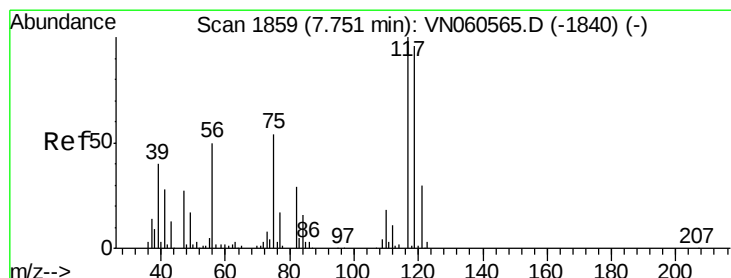
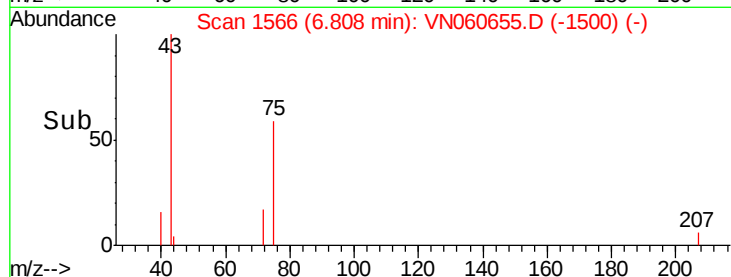
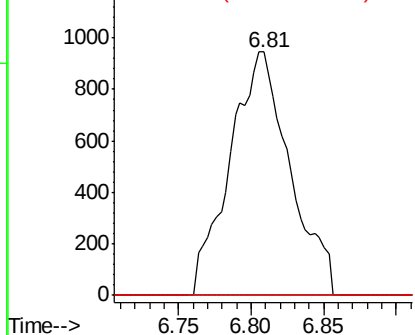
#37
Ethyl Acetate
Concen: 0.832 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.09 min
Lab File: VN060565.D
Acq: 20 Mar 2020 16:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.9 11.9#

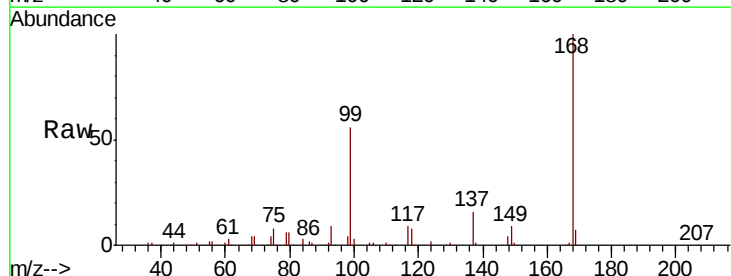


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

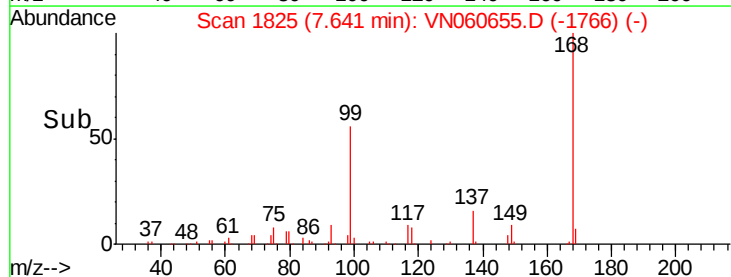
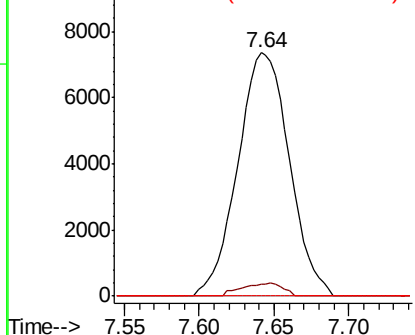


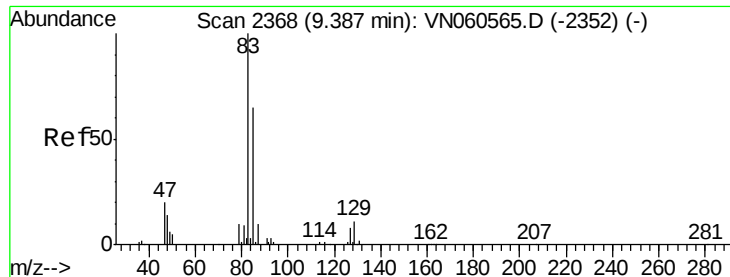
#38
Carbon Tetrachloride
Concen: 6.479 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060565.D
Acq: 20 Mar 2020 16:10

Tgt Ion: 117 Resp: 17626
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 23.7 35.5#



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





#47

Bromodichloromethane

Concen: 0.383 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.01 min

Lab File: VN060655.D

Acq: 20 Mar 2020 16:10

Instrument :

MSVOA_N

ClientSampleId :

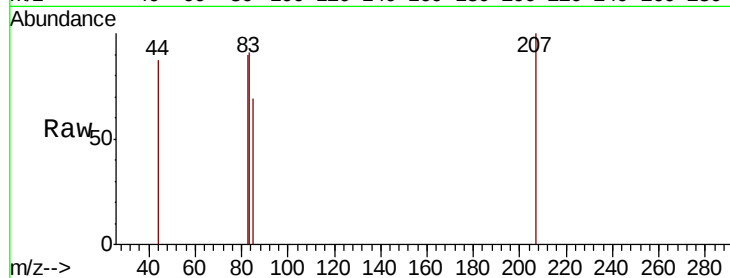
Tot Ion: 83 Resp: 1163

Ion Ratio Lower Upper

83 100

85 38.1 51.8 77.6#

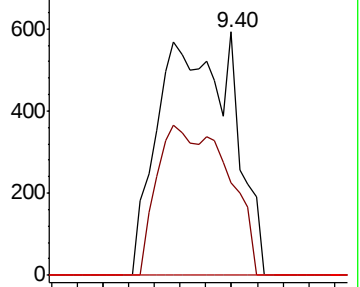
127 0.0 6.5 9.7#



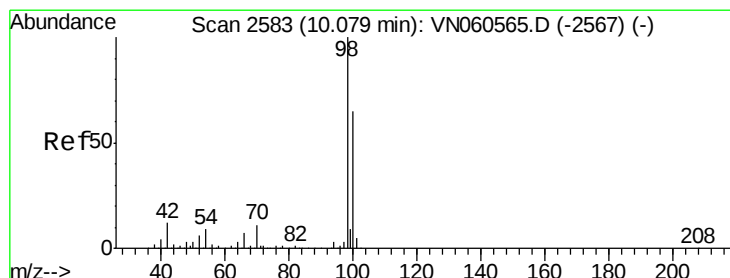
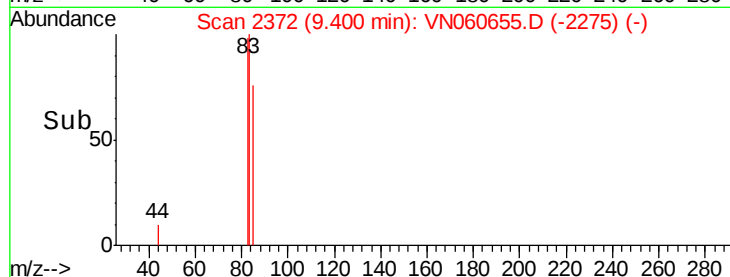
Abundance Ion 82.90 (82.60 to 83.60): VN060565.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN060565.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN060565.D (-2352) (-)



Time-->



#50

Toluene-d8

Concen: 49.540 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060655.D

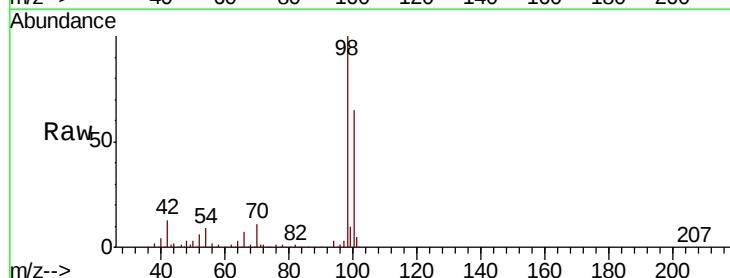
Acq: 20 Mar 2020 16:10

Tgt Ion: 98 Resp: 383573

Ion Ratio Lower Upper

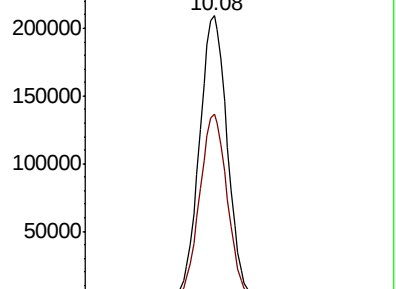
98 100

100 64.9 51.8 77.8

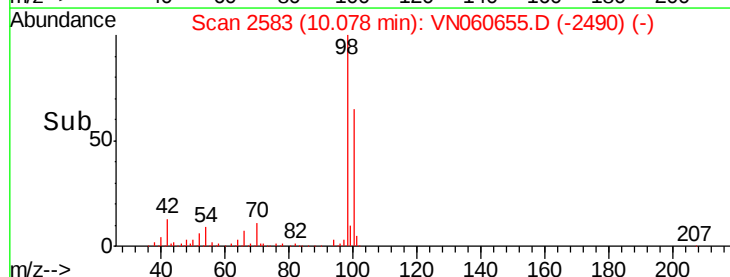


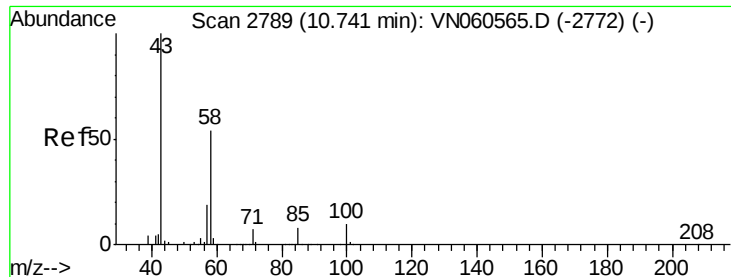
Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060565.D (-2567) (-)



Time-->

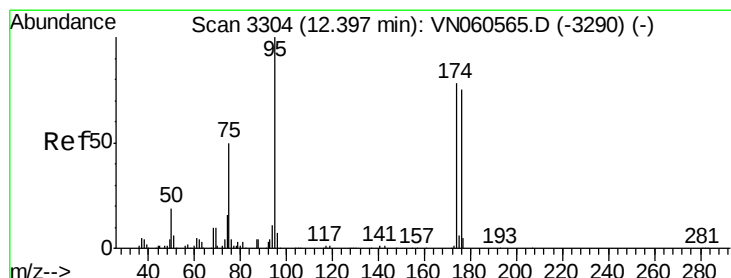
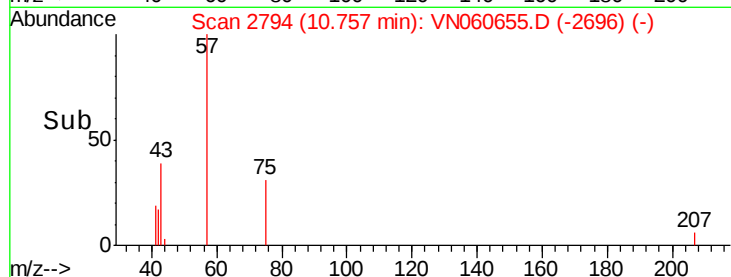
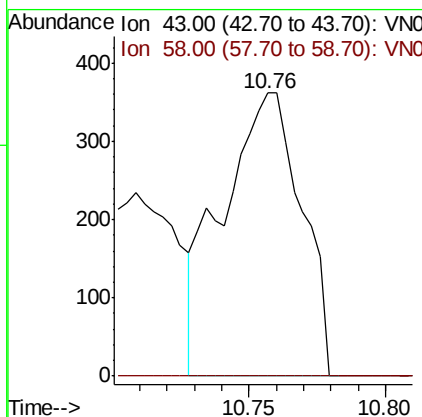
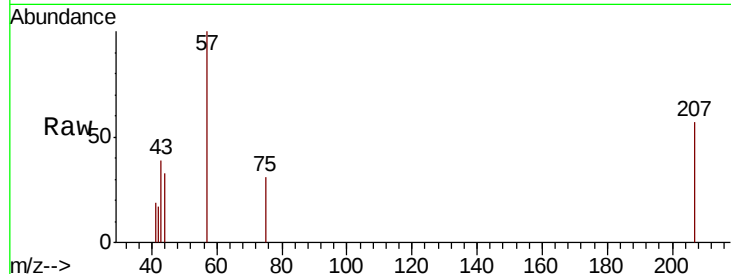




#59
2-Hexanone
Concen: 0.328 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.02 min
Lab File: VN060655.D
Acq: 20 Mar 2020 16:10

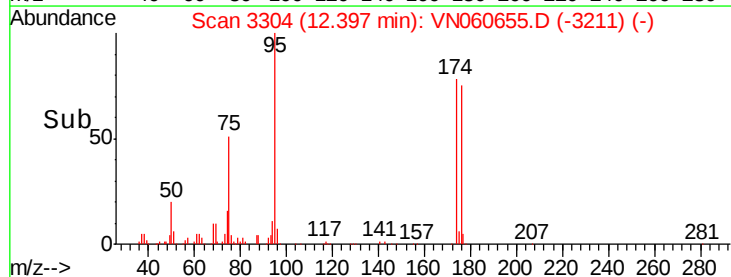
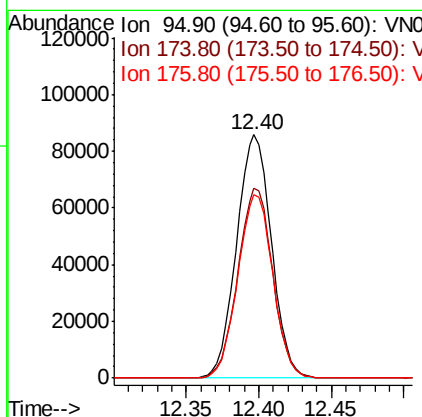
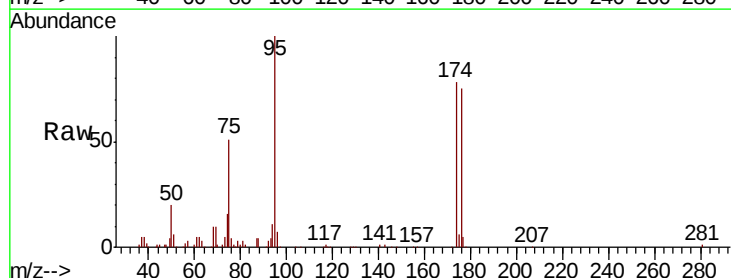
Instrument :
MSVOA_N
ClientSampled :

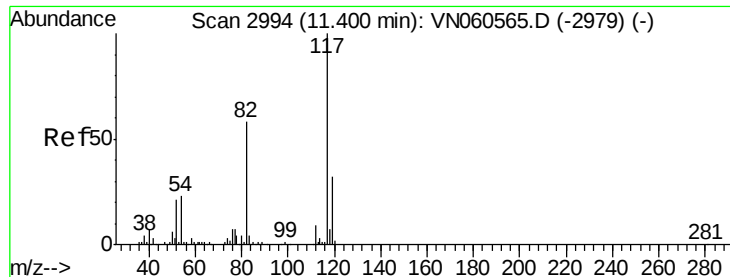
Tot Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 50.651 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060655.D
Acq: 20 Mar 2020 16:10

Tgt Ion: 95 Resp: 143727
Ion Ratio Lower Upper
95 100
174 77.8 0.0 157.6
176 75.7 0.0 150.6

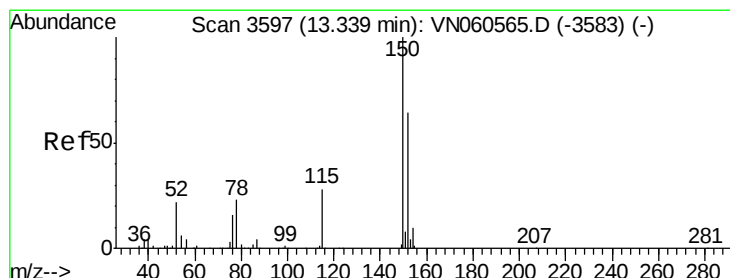
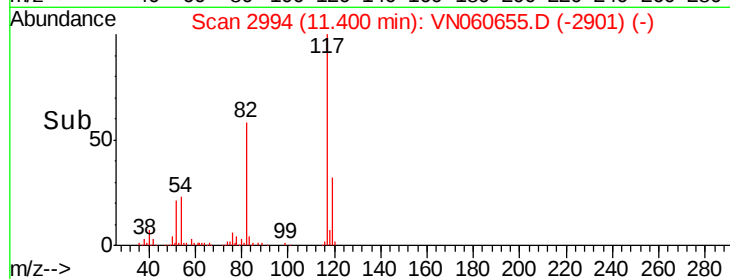
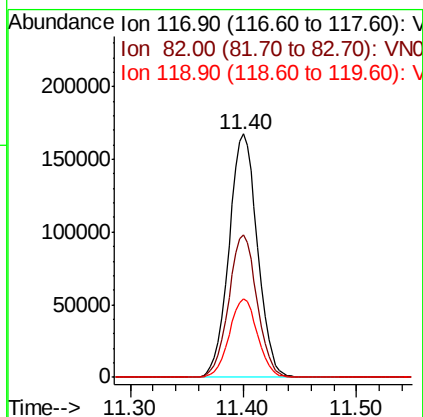
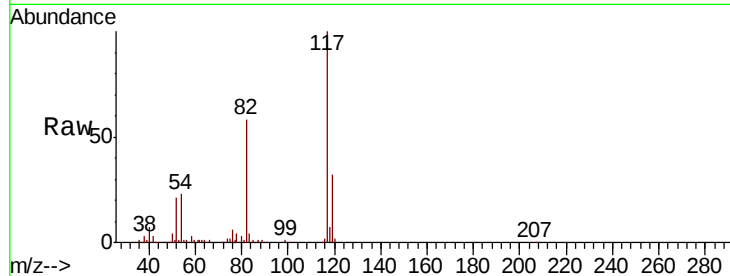




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060565.D
Acq: 20 Mar 2020 16:10

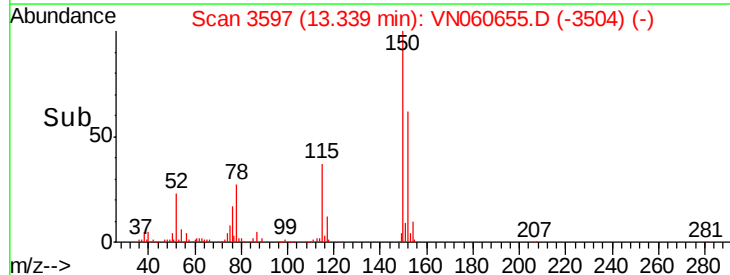
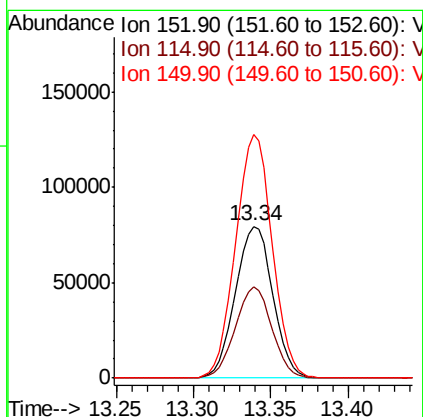
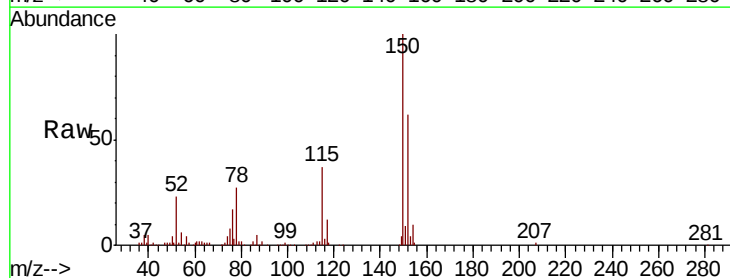
Instrument :
MSVOA_N
ClientSampled :

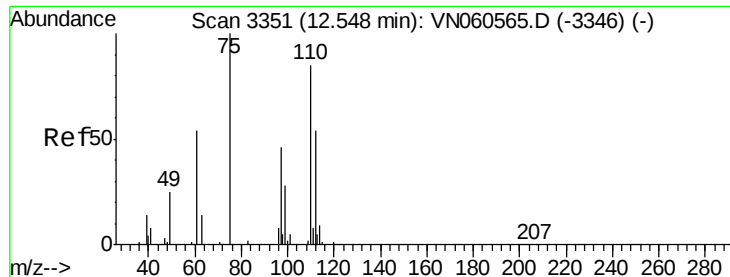
Tot Ion:117 Resp: 292298
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060565.D
Acq: 20 Mar 2020 16:10

Tgt Ion:152 Resp: 133294
Ion Ratio Lower Upper
152 100
115 58.8 30.2 90.6
150 157.5 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 25.378 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060655.D

Acq: 20 Mar 2020 16:10

Instrument :

MSVOA_N

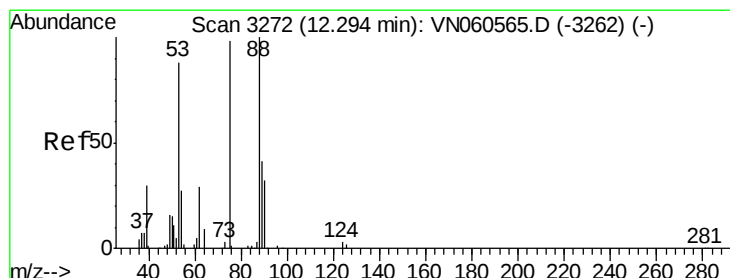
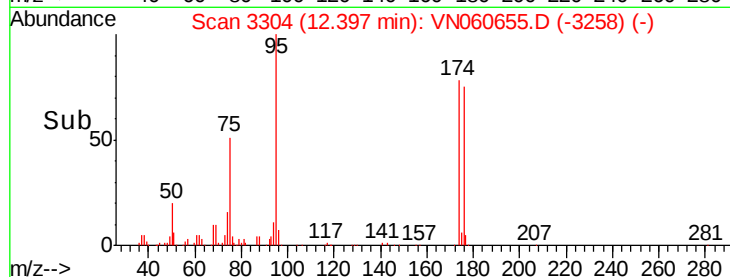
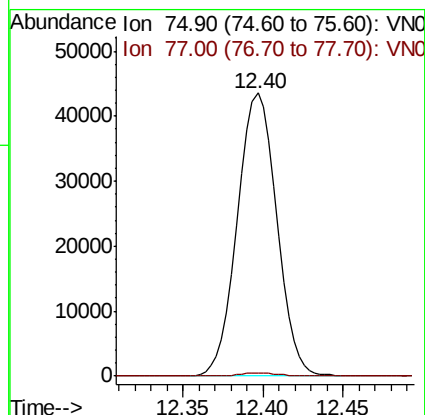
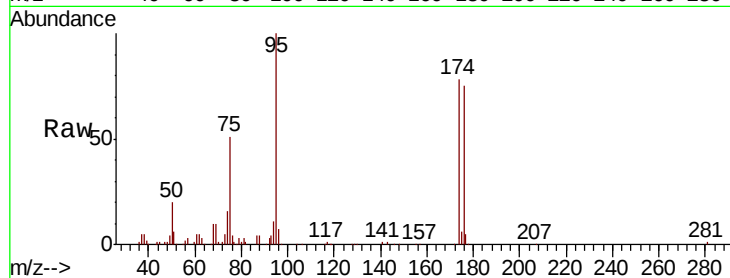
ClientSampleId :

Tot Ion: 75 Resp: 72992

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.178 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060655.D

Acq: 20 Mar 2020 16:10

Tgt Ion: 75 Resp: 72992

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

