

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058552.D
 Acq On : 4 Oct 2019 19:28
 Operator : JC/SP
 Sample : K5193-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 04 23:41:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	411262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	659585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	592931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	296749	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
35) Dibromofluoromethane	7.57	113	188086	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
50) Toluene-d8	10.08	98	839439	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.41	95	276431	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

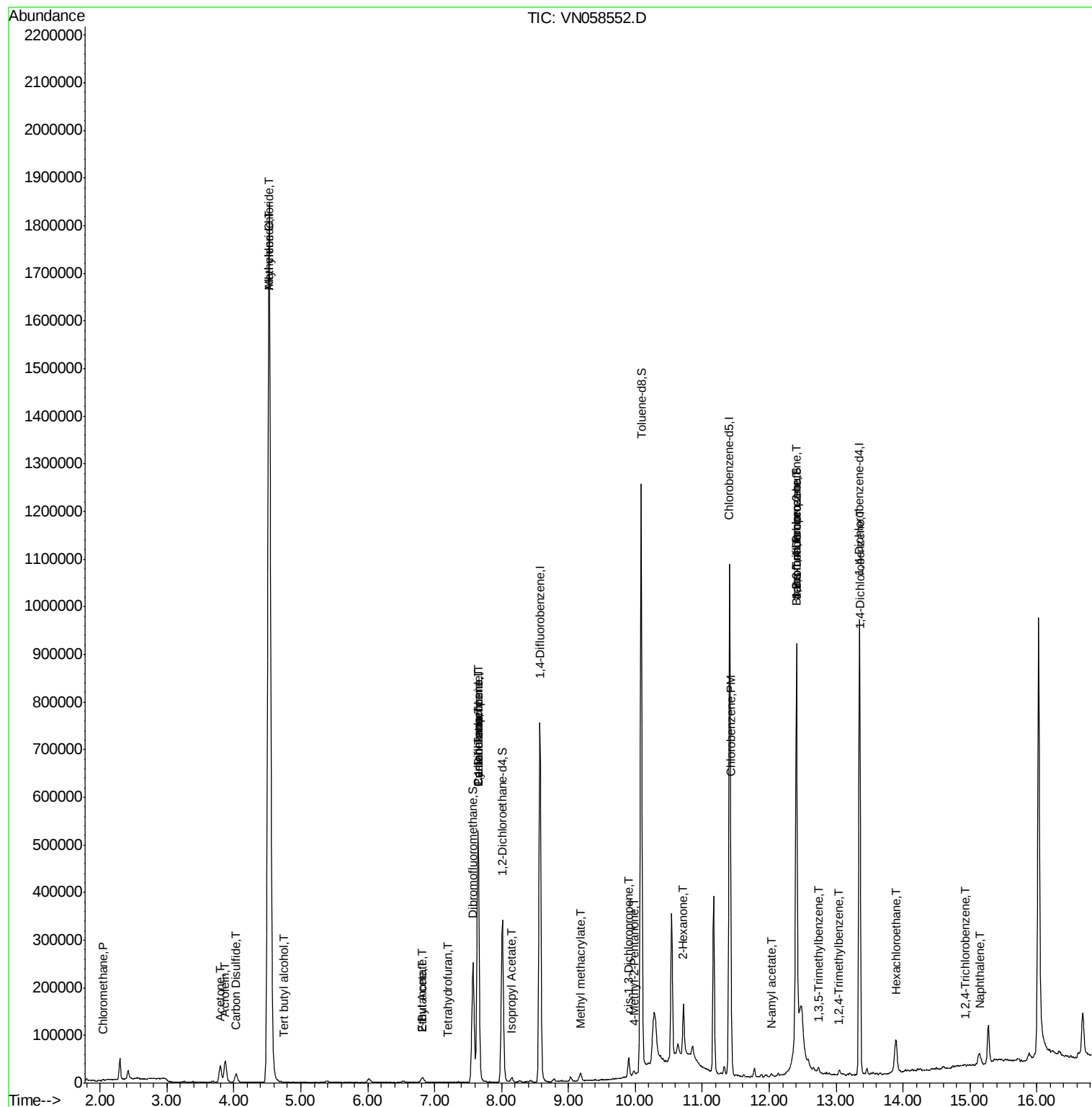
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2195	0.443	ug/l	96
11) Tert butyl alcohol	4.75	59	139	0.208	ug/l #	71
13) Acrolein	3.87	56	93	0.438	ug/l #	13
14) Allyl chloride	4.52	41	48586	6.882	ug/l #	20
16) Acetone	3.80	43	61439	29.989	ug/l	100
17) Carbon Disulfide	4.03	76	23135	2.262	ug/l #	92
20) Methylene Chloride	4.53	84	1340107	283.446	ug/l	99
25) 2-Butanone	6.82	43	14879	5.290	ug/l	96
29) Tetrahydrofuran	7.20	42	520	0.291	ug/l #	66
31) Cyclohexane	7.65	56	10546	1.268	ug/l #	15
36) 1,1-Dichloropropene	7.65	75	35121	5.569	ug/l #	51
37) Ethyl Acetate	6.82	43	14879	2.783	ug/l #	71
38) Carbon Tetrachloride	7.65	117	41359	7.265	ug/l #	16
43) Isopropyl Acetate	8.15	43	10311	1.025	ug/l	98
48) Methyl methacrylate	9.17	41	6768	1.478	ug/l #	31
51) 4-Methyl-2-Pentanone	9.98	43	5172	1.001	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	7029	0.997	ug/l #	64
59) 2-Hexanone	10.72	43	88140	23.436	ug/l #	26
60) Dibromochloromethane	10.63	129	740	Below Cal	#	11
65) Chlorobenzene	11.43	112	32512	2.759	ug/l	98
71) Bromoform	12.39	173	300	0.803	ug/l #	29
74) N-amyl acetate	12.03	43	4889	0.691	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	152305	34.638	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4792	0.322	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.41	75	152305	105.200	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	6103	0.409	ug/l	92
88) 1,4-Dichlorobenzene	13.36	146	1684	0.224	ug/l #	1
90) Hexachloroethane	13.89	117	598	0.273	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.92	180	1242	0.309	ug/l	84
95) Naphthalene	15.13	128	5819	0.466	ug/l	97

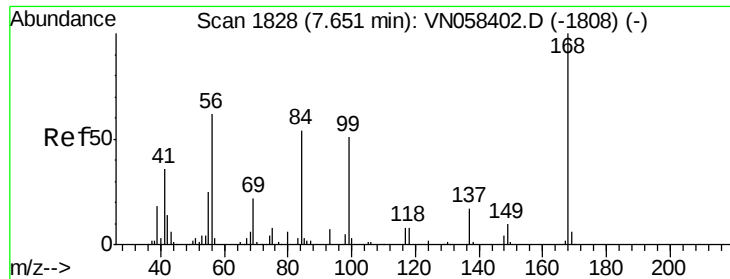
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

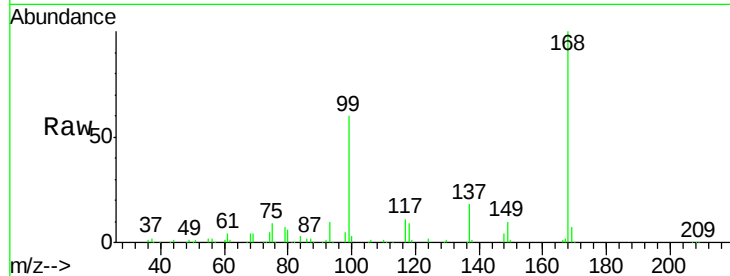
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 411262

Ion Ratio Lower Upper

168 100

99 60.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

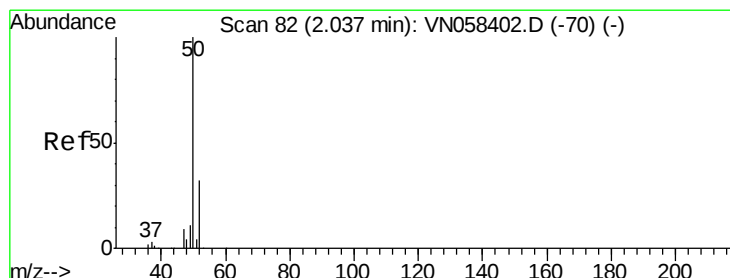
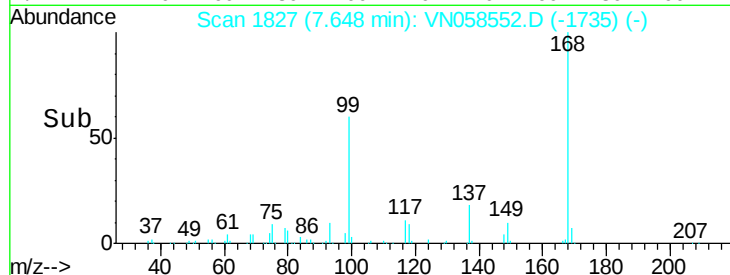
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.443 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058552.D

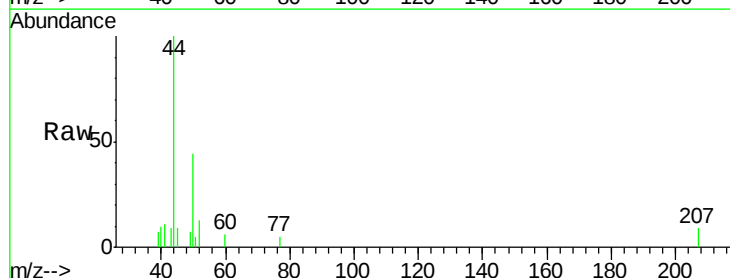
Acq: 4 Oct 2019 19:28

Tgt Ion: 50 Resp: 2195

Ion Ratio Lower Upper

50 100

52 30.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

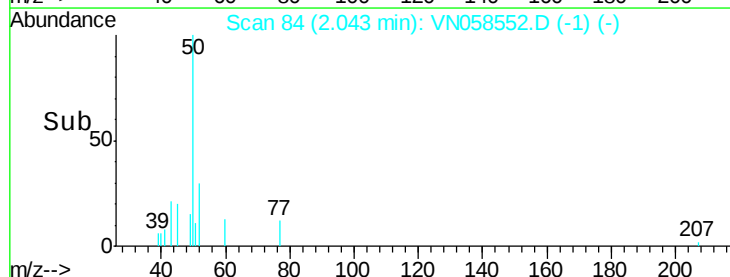
1500

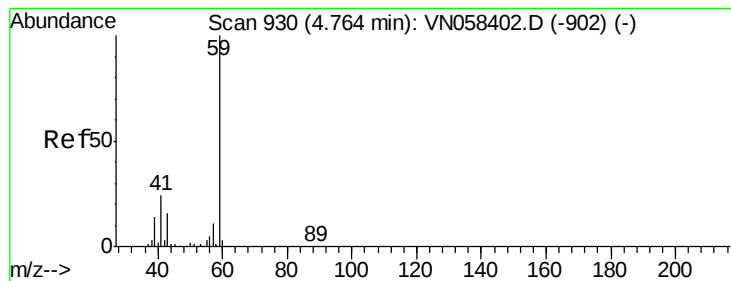
1000

500

0

Time-->



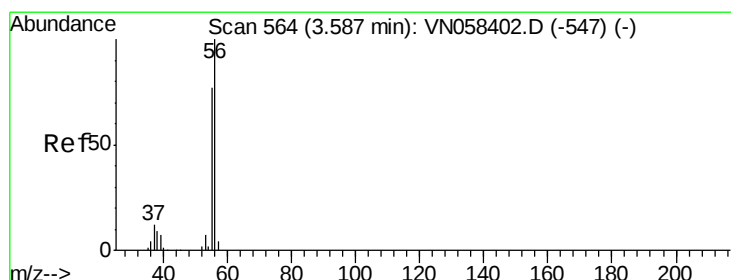
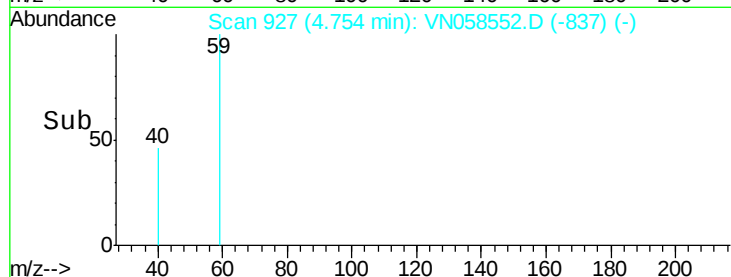
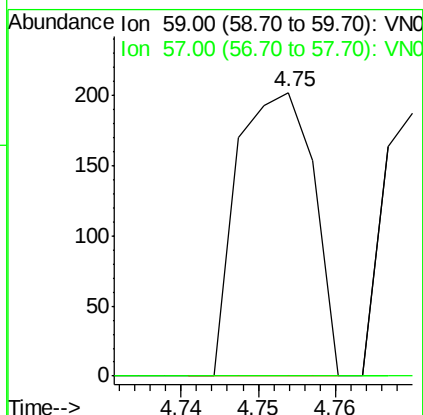
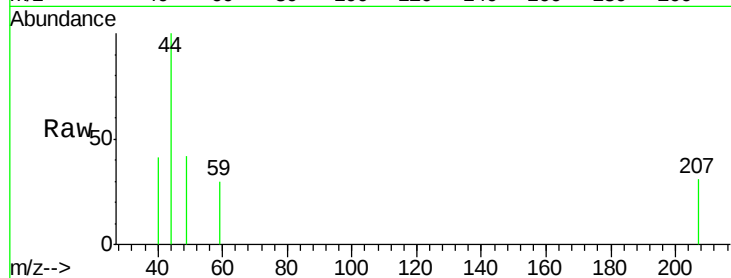


#11

Tert butyl alcohol
 Concen: 0.208 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN058552.D
 Acq: 4 Oct 2019 19:28

Instrument :
 MSVOA_N
 ClientSampled :

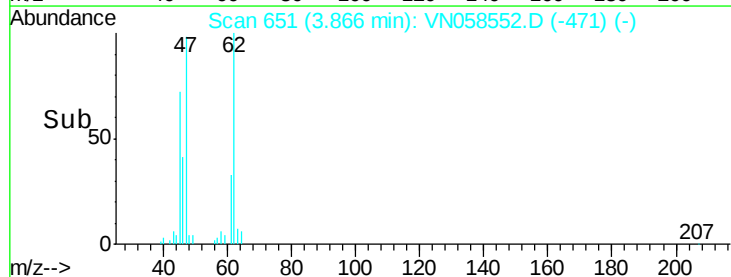
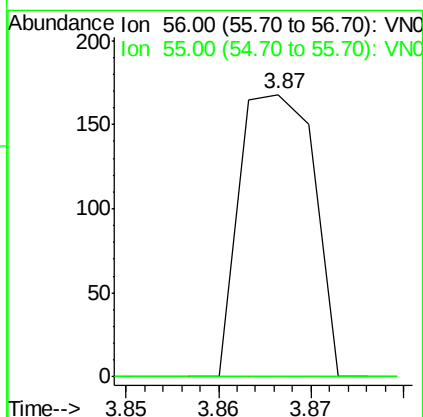
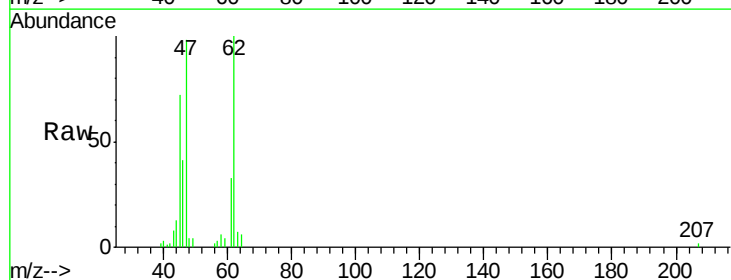
Tot Ion: 59 Resp: 139
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

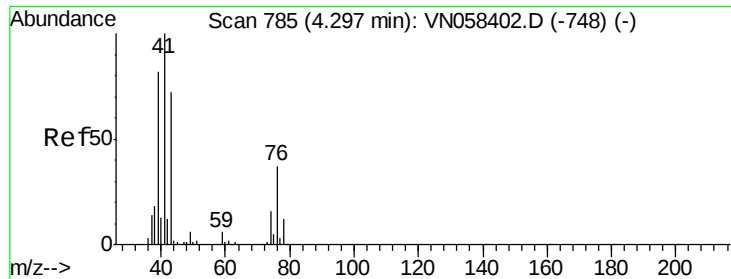


#13

Acrolein
 Concen: 0.438 ug/l
 RT: 3.87 min Scan# 651
 Delta R.T. 0.28 min
 Lab File: VN058552.D
 Acq: 4 Oct 2019 19:28

Tgt Ion: 56 Resp: 93
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.3 87.5#





#14

Allvl chloride

Concen: 6.882 ug/l

RT: 4.52 min Scan# 855

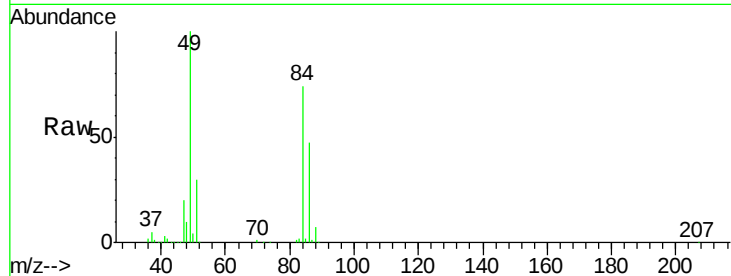
Delta R.T. 0.23 min

Lab File: VN058552.D

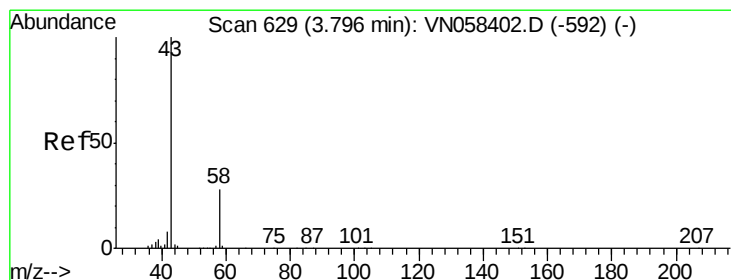
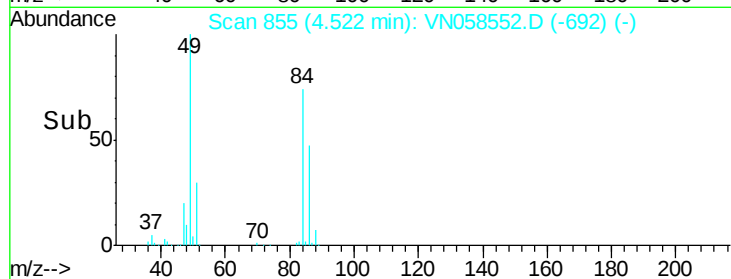
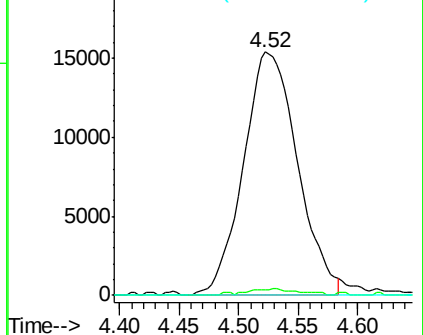
Acq: 4 Oct 2019 19:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	48586
Ion	Ratio	Lower	Upper
41	100		
39	0.9	62.3	93.5#
76	0.0	26.9	40.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 29.989 ug/l

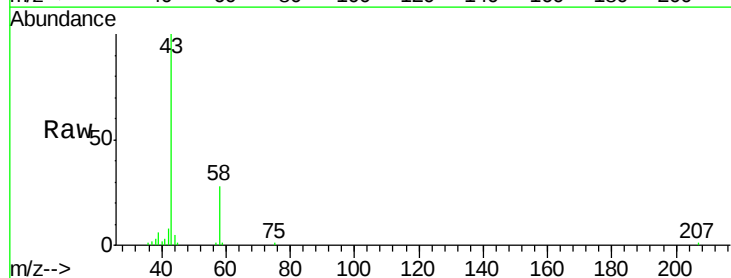
RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

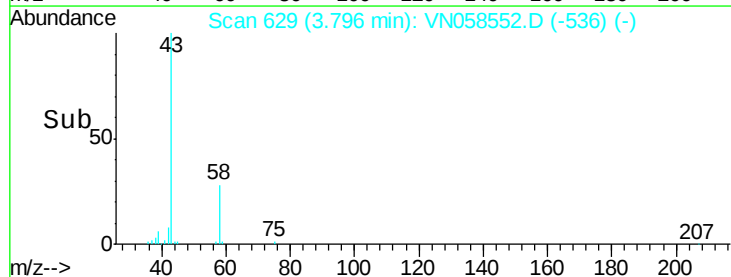
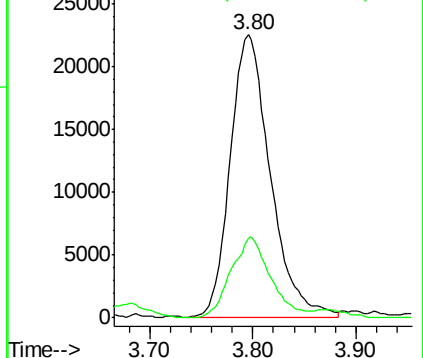
Lab File: VN058552.D

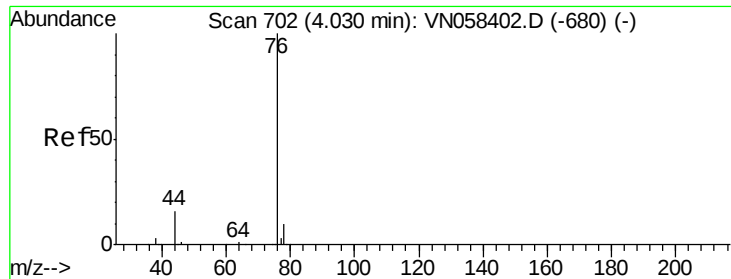
Acq: 4 Oct 2019 19:28

Tgt Ion:	43	Resp:	61439
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.4	33.6



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





#17

Carbon Disulfide

Concen: 2.262 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

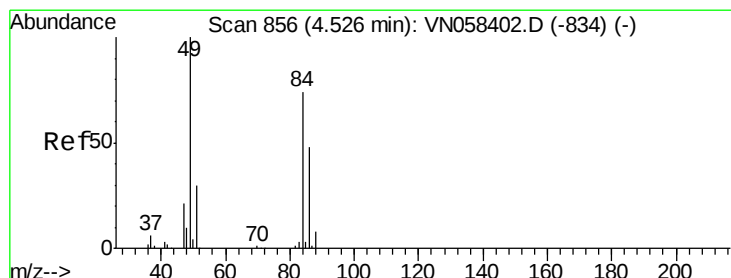
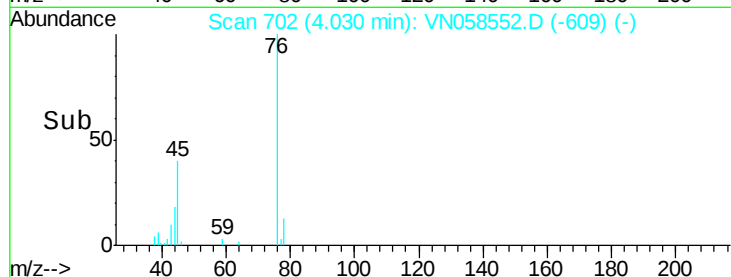
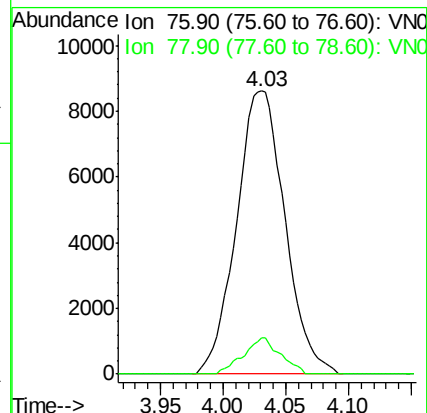
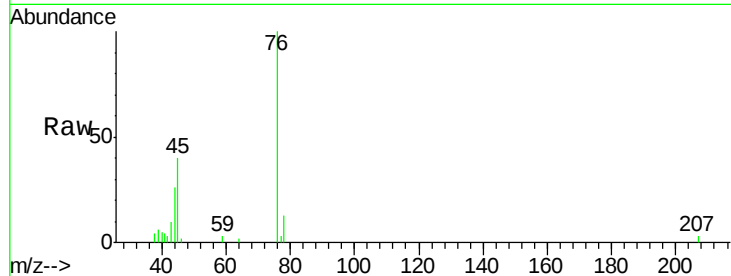
ClientSampleId :

Tot Ion: 76 Resp: 23135

Ion Ratio Lower Upper

76 100

78 12.7 7.7 11.5#



#20

Methylene Chloride

Concen: 283.446 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Tgt Ion: 84 Resp: 1340107

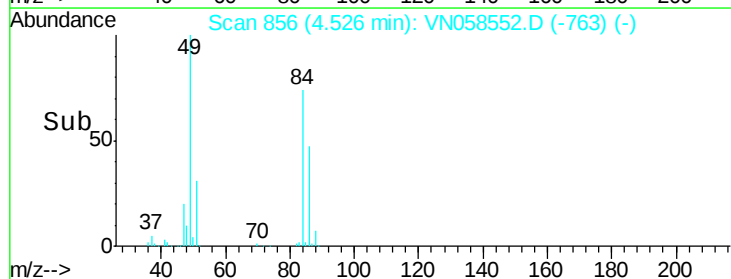
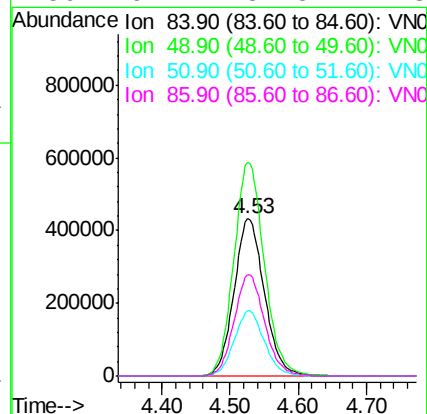
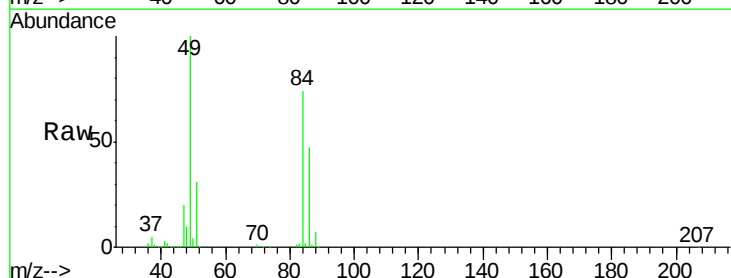
Ion Ratio Lower Upper

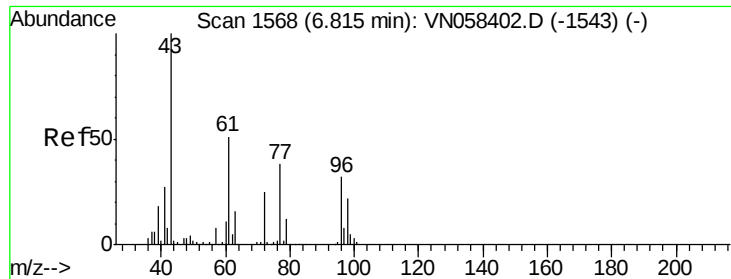
84 100

49 135.7 107.9 161.9

51 41.5 32.8 49.2

86 64.4 51.5 77.3





#25

2-Butanone

Concen: 5.290 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

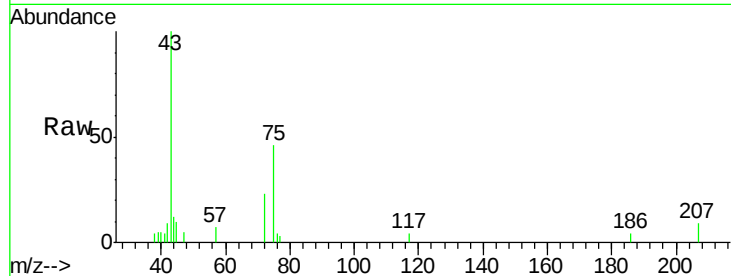
ClientSampleId :

Tot Ion: 43 Resp: 14879

Ion Ratio Lower Upper

43 100

72 23.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

6.82

5000

4000

3000

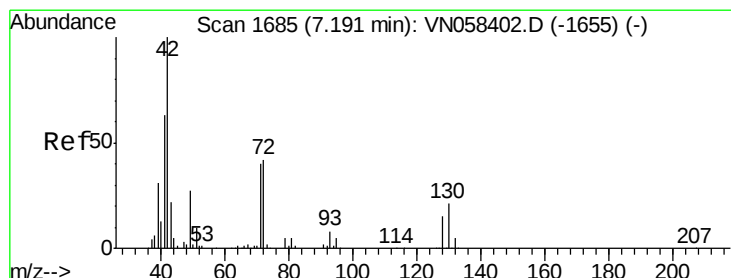
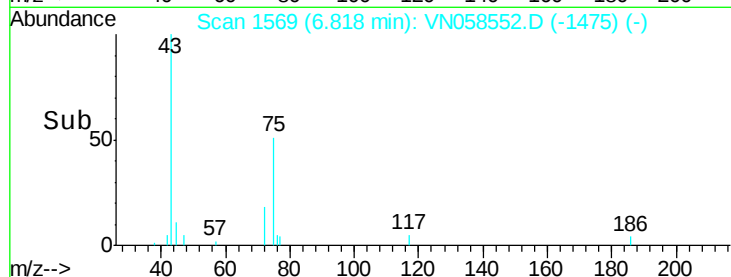
2000

1000

0

Time-->

6.70 6.80 6.90



#29

Tetrahydrofuran

Concen: 0.291 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

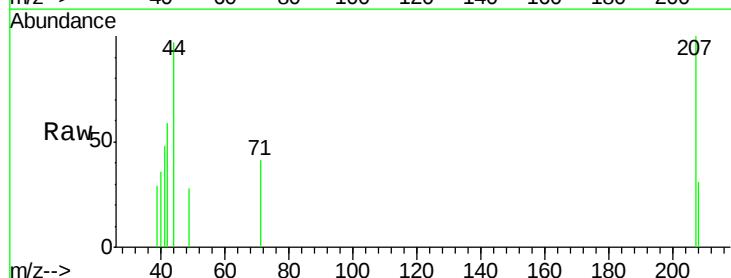
Tgt Ion: 42 Resp: 520

Ion Ratio Lower Upper

42 100

72 12.5 33.7 50.5#

71 51.7 31.8 47.6#



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

500

400

300

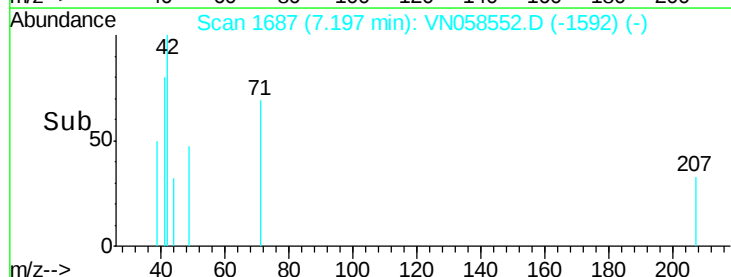
200

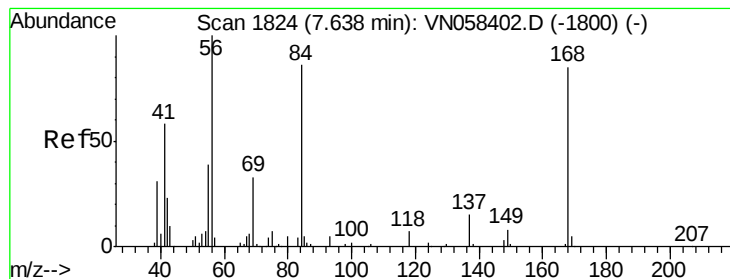
100

0

Time-->

7.16 7.18 7.20





#31

Cyclohexane

Concen: 1.268 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

ClientSampled :

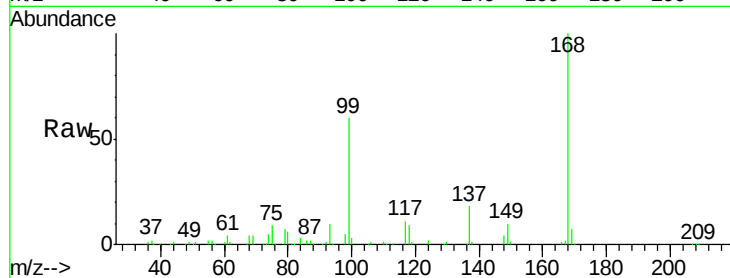
Tot Ion: 56 Resp: 10546

Ion Ratio Lower Upper

56 100

69 167.3 26.2 39.4#

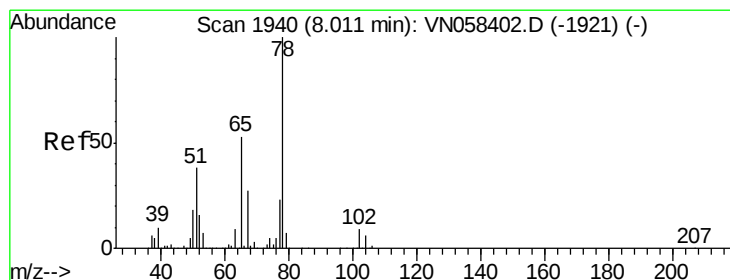
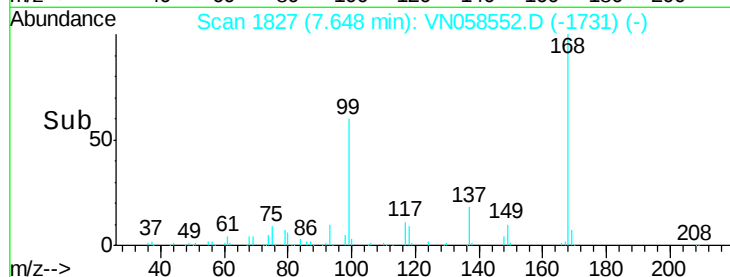
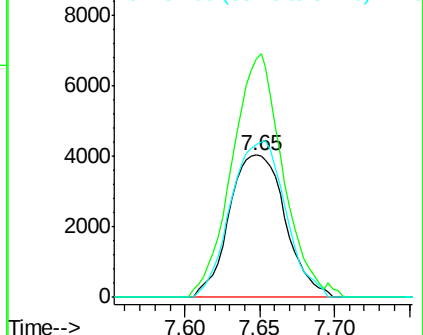
84 107.5 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.376 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058552.D

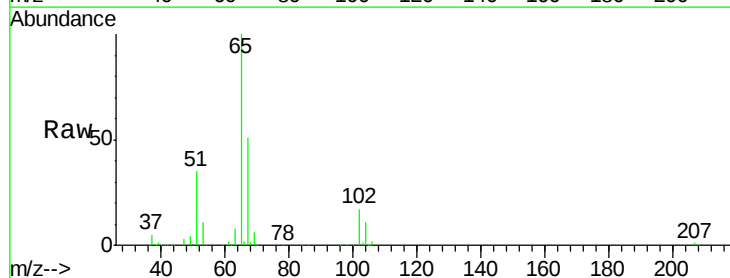
Acq: 4 Oct 2019 19:28

Tgt Ion: 65 Resp: 296749

Ion Ratio Lower Upper

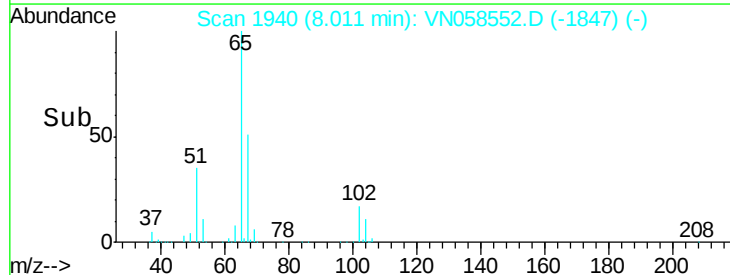
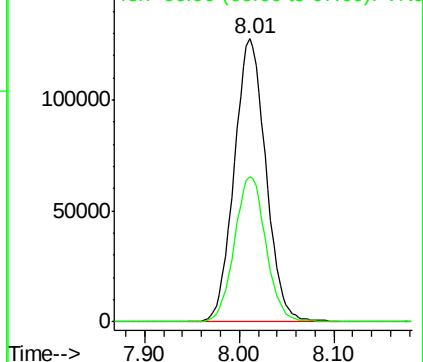
65 100

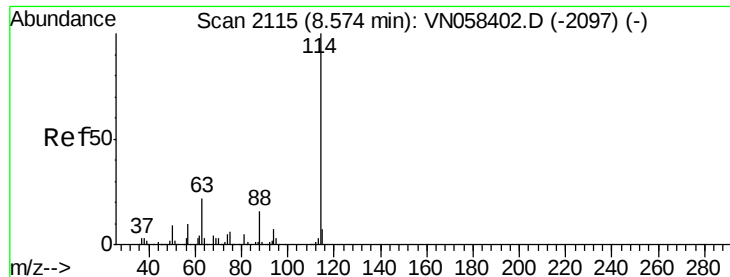
67 51.0 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

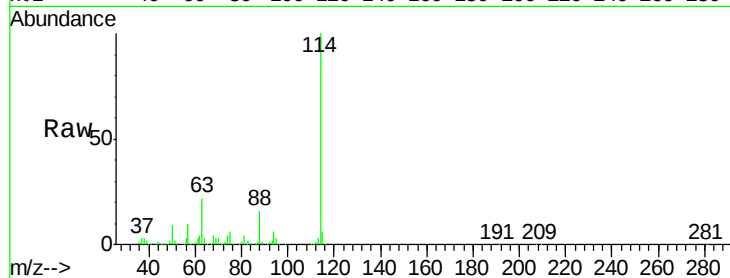




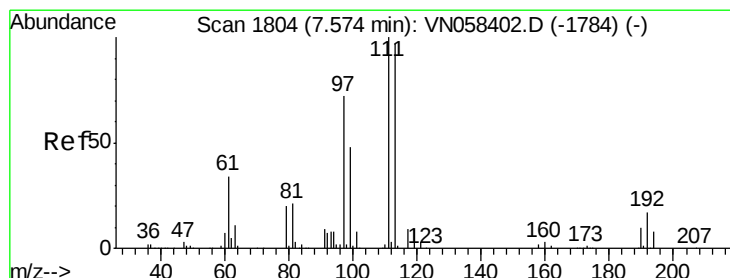
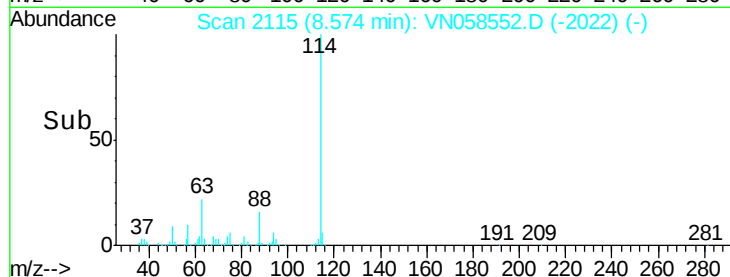
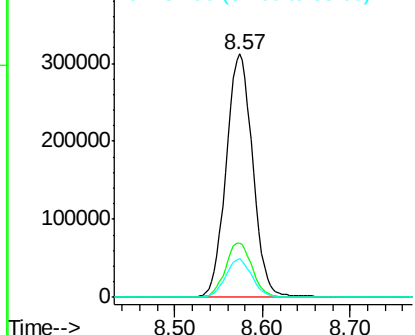
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058552.D
Acq: 4 Oct 2019 19:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.0
88	15.7	0.0	32.2

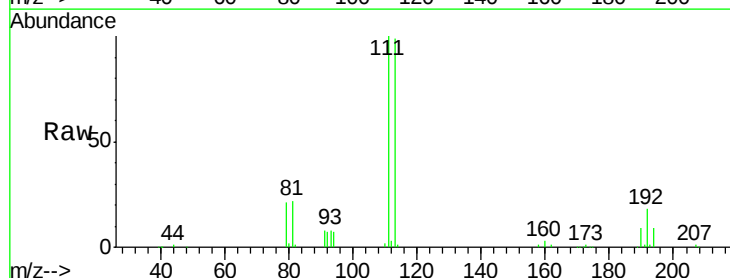


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

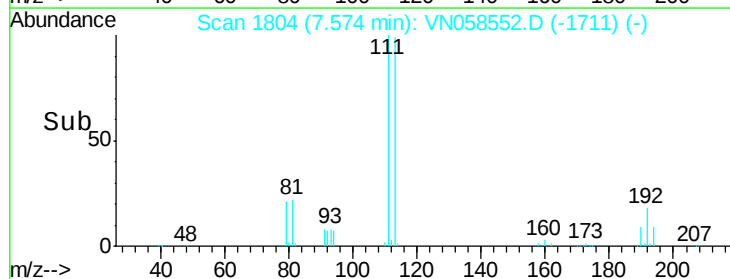
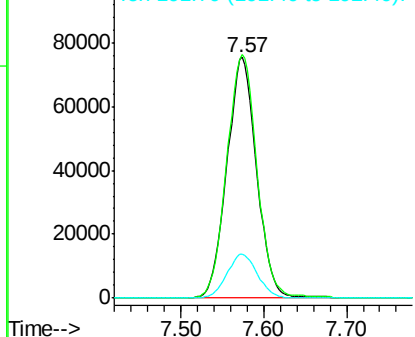


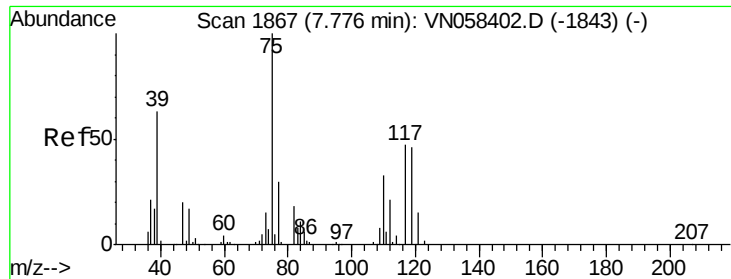
#35
Dibromofluoromethane
Concen: 46.527 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058552.D
Acq: 4 Oct 2019 19:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	18.6	14.9	22.3



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





#36

1,1-Dichloropropene

Concen: 5.569 ug/l

RT: 7.65 min Scan# 1827

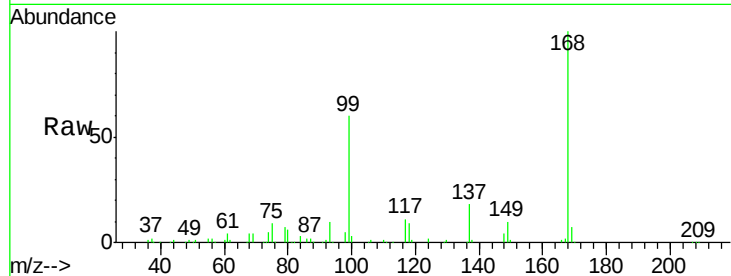
Delta R.T. -0.13 min

Lab File: VN058552.D

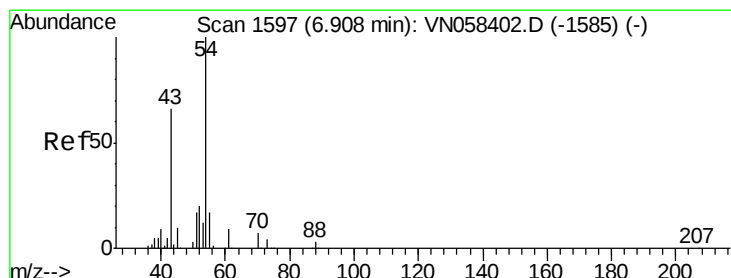
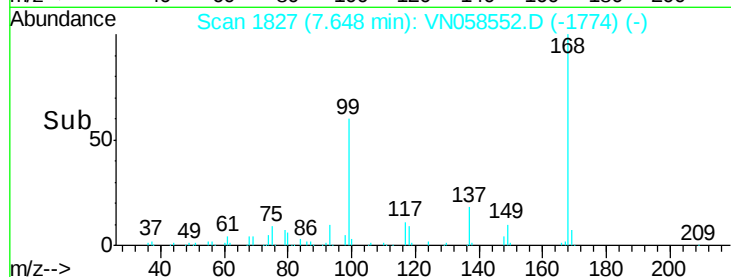
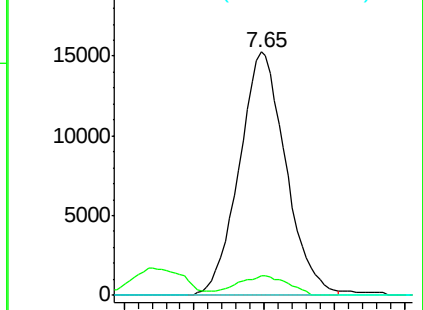
Acq: 4 Oct 2019 19:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 35121
Ion Ratio Lower Upper
75 100
110 8.8 16.4 49.2#
77 0.0 24.3 36.5#



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: 2.783 ug/l

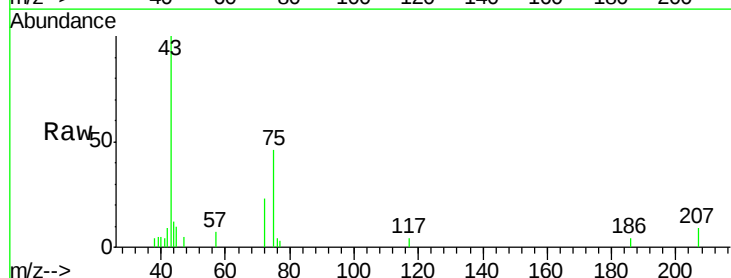
RT: 6.82 min Scan# 1569

Delta R.T. -0.09 min

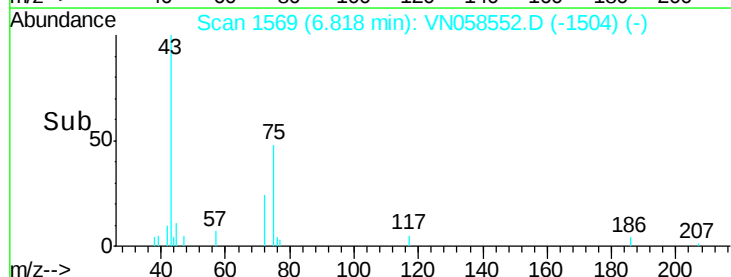
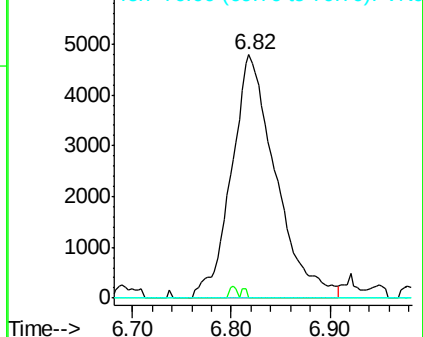
Lab File: VN058552.D

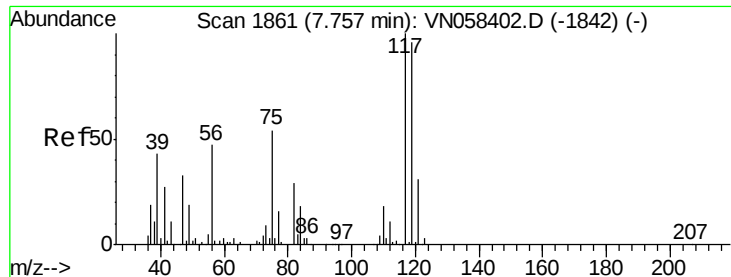
Acq: 4 Oct 2019 19:28

Tgt Ion: 43 Resp: 14879
Ion Ratio Lower Upper
43 100
61 0.5 10.5 15.7#
70 0.0 7.8 11.6#



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: 7.265 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

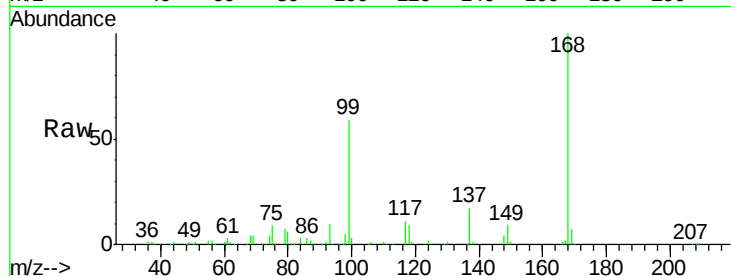
Tot Ion:117 Resp: 41359

Ion Ratio Lower Upper

117 100

119 5.1 76.6 115.0#

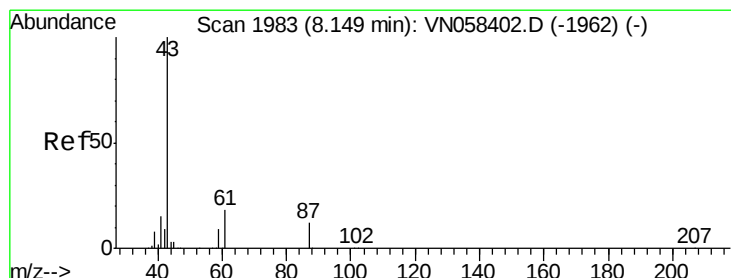
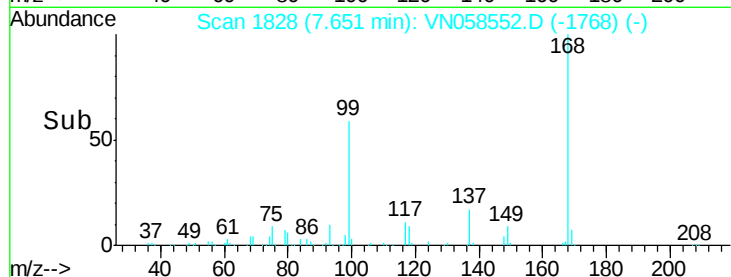
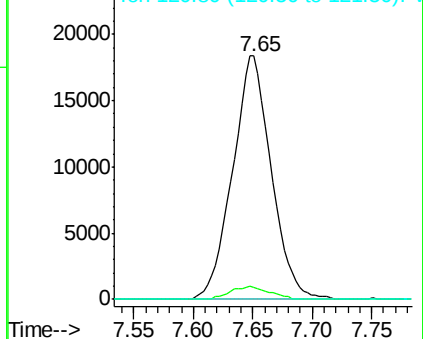
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 1.025 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

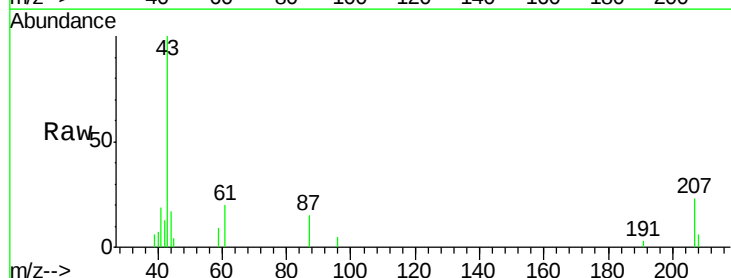
Tgt Ion: 43 Resp: 10311

Ion Ratio Lower Upper

43 100

61 19.6 14.8 22.2

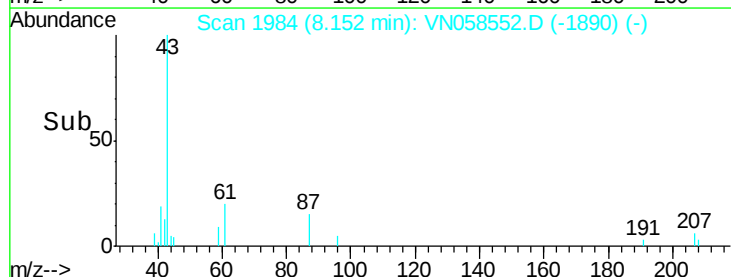
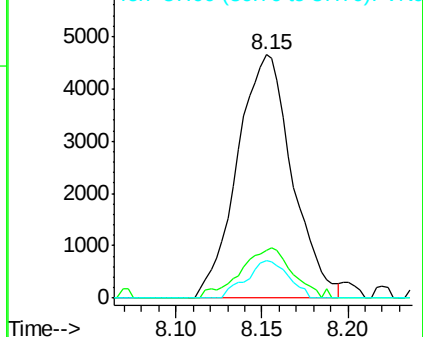
87 11.8 9.7 14.5

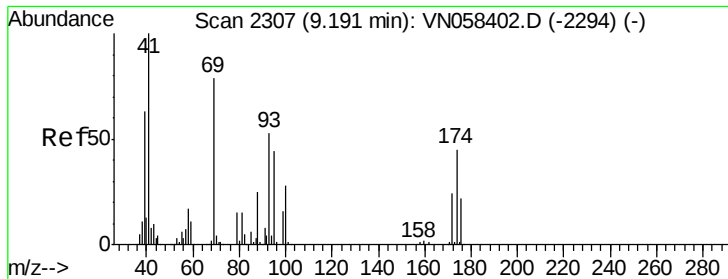


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

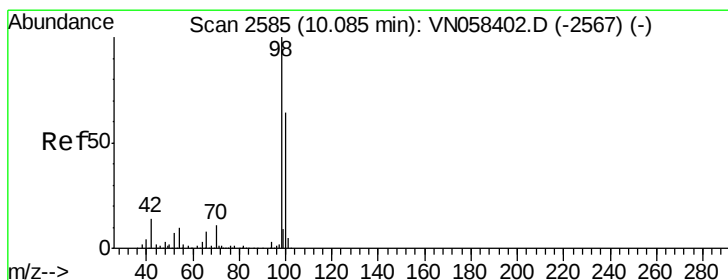
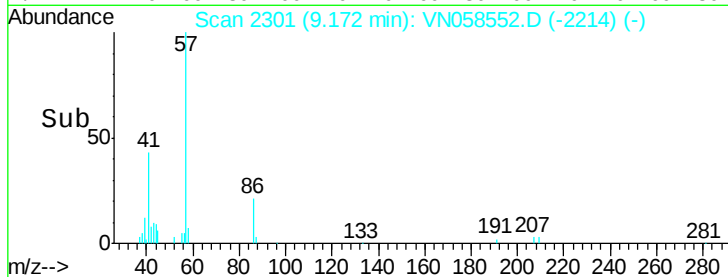
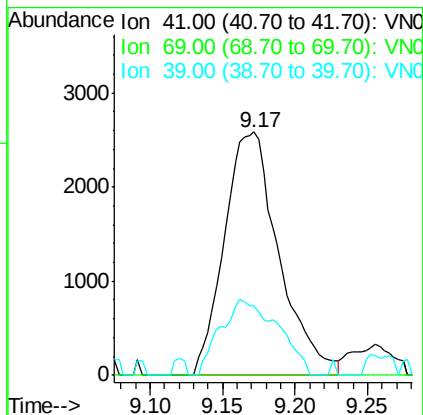
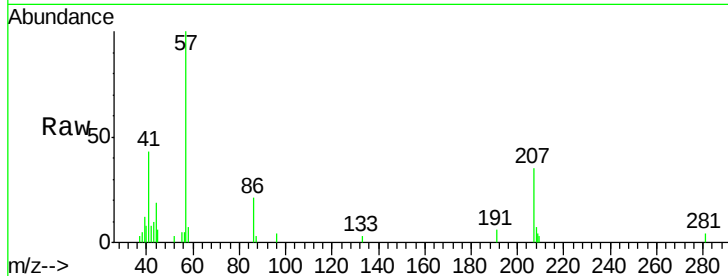




#48
Methvl methacrylate
Concen: 1.478 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058552.D
Acq: 4 Oct 2019 19:28

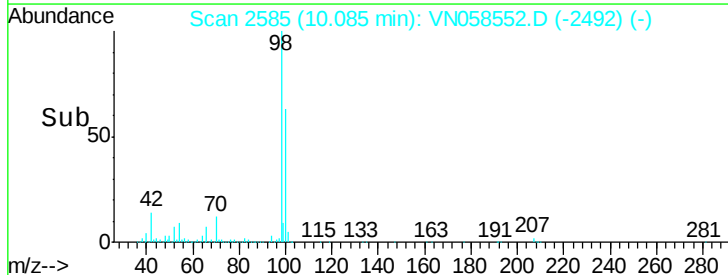
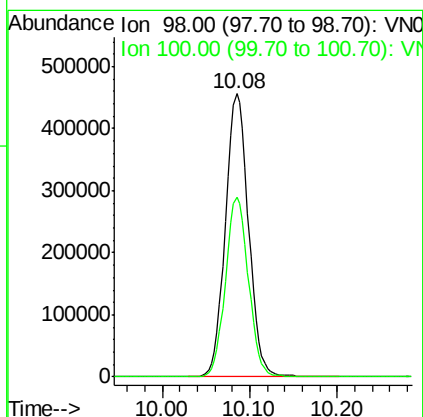
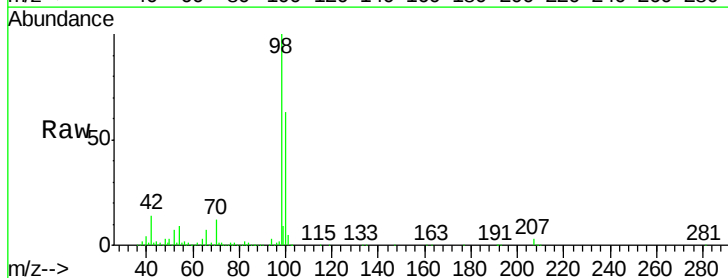
Instrument :
MSVOA_N
ClientSampleId :

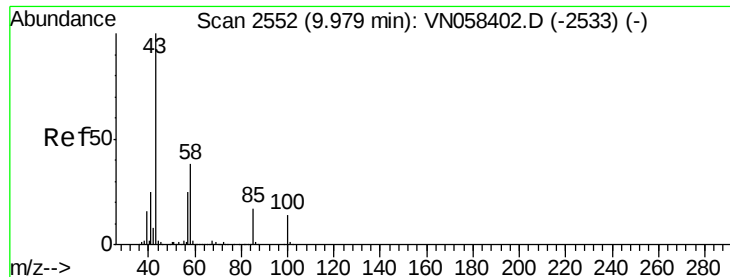
Tot Ion: 41 Resp: 6768
Ion Ratio Lower Upper
41 100
69 0.0 64.7 97.1#
39 32.8 52.9 79.3#



#50
Toluene-d8
Concen: 53.007 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058552.D
Acq: 4 Oct 2019 19:28

Tgt Ion: 98 Resp: 839439
Ion Ratio Lower Upper
98 100
100 62.9 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 1.001 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

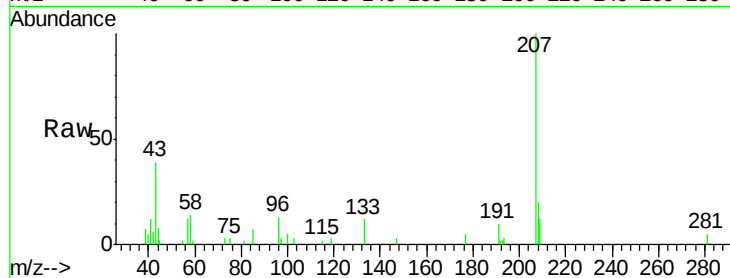
ClientSampleId :

Tot Ion: 43 Resp: 5172

Ion Ratio Lower Upper

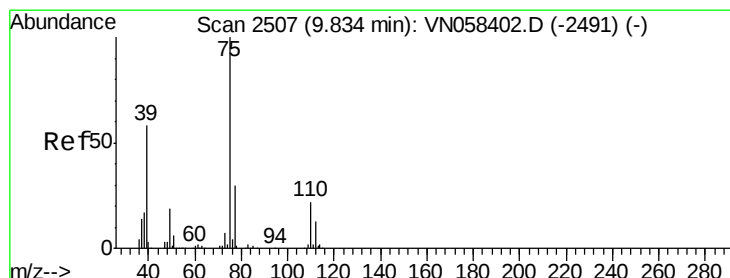
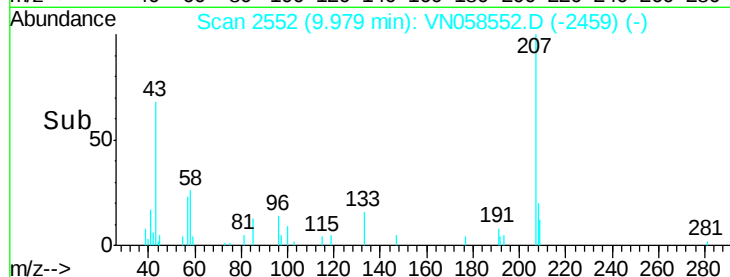
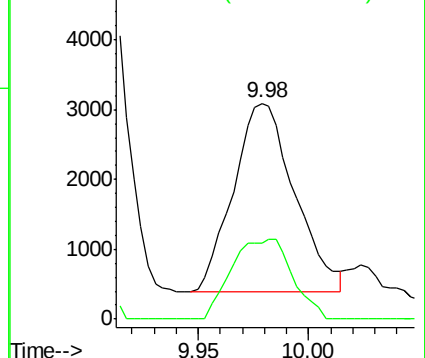
43 100

58 42.5 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.997 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

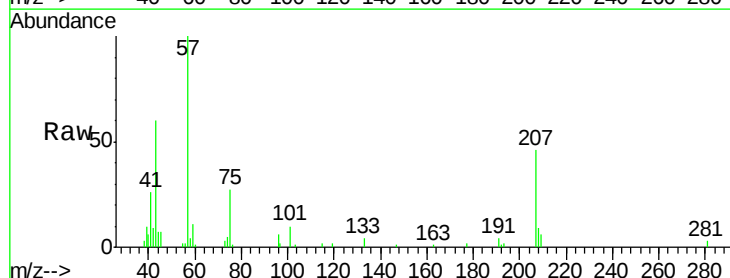
Tgt Ion: 75 Resp: 7029

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.4#

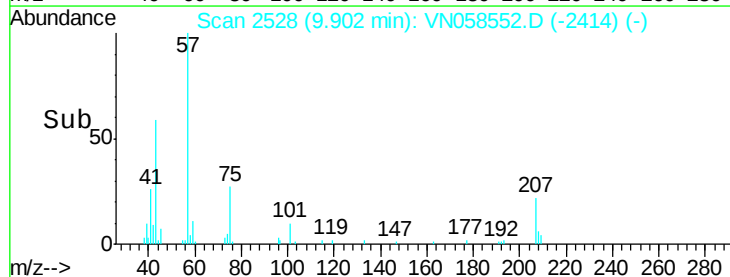
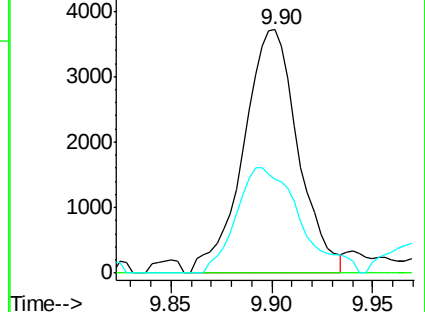
39 38.4 46.4 69.6#

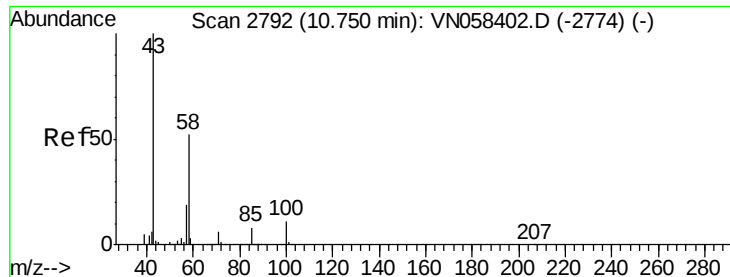


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

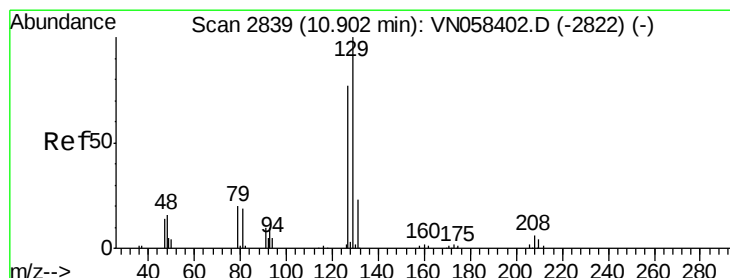
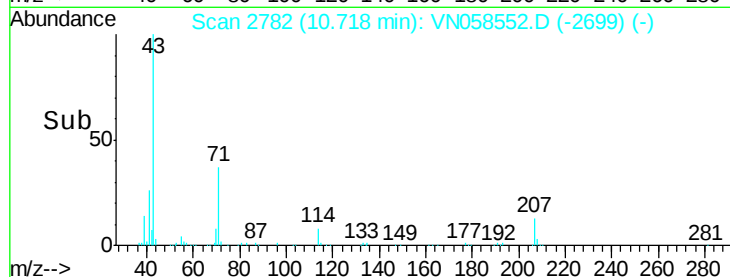
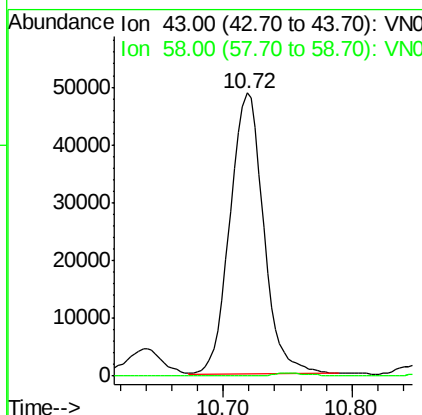
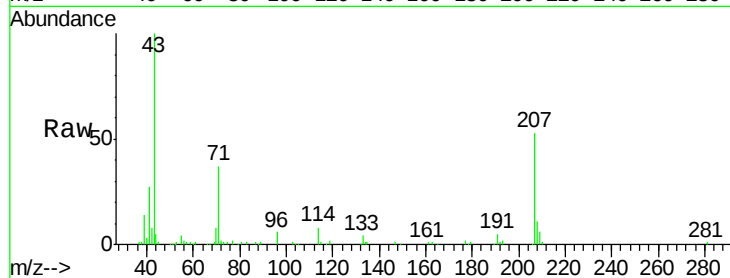




#59
2-Hexanone
Concen: 23.436 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN058552.D
Acq: 4 Oct 2019 19:28

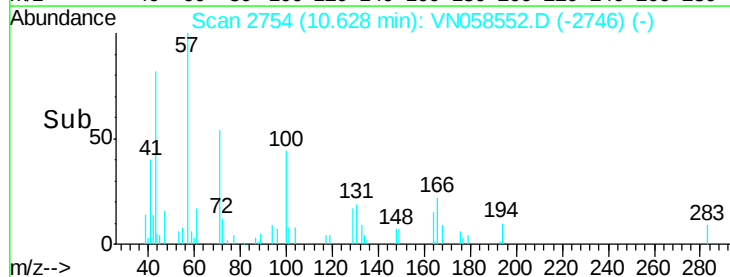
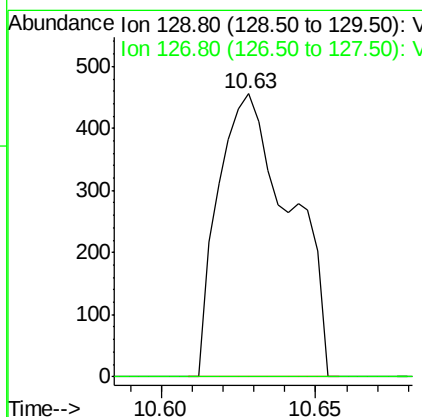
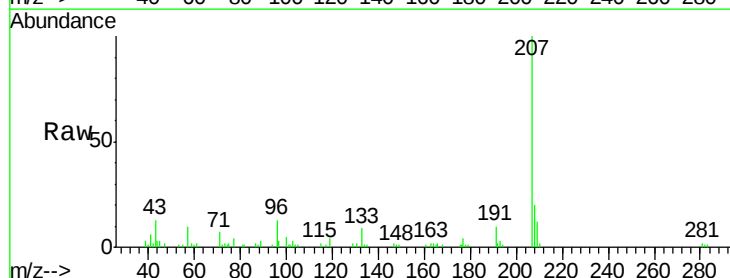
Instrument :
MSVOA_N
ClientSampled :

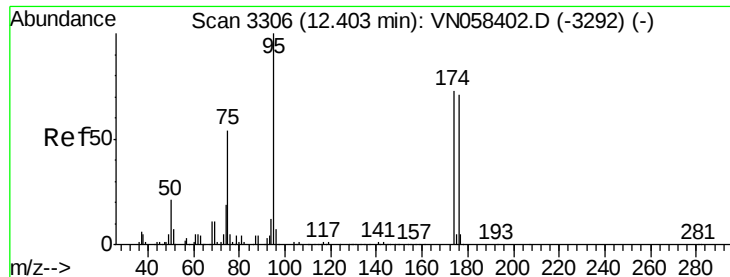
Tot Ion: 43 Resp: 88140
Ion Ratio Lower Upper
43 100
58 0.0 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN058552.D
Acq: 4 Oct 2019 19:28

Tgt Ion: 129 Resp: 740
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 48.276 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

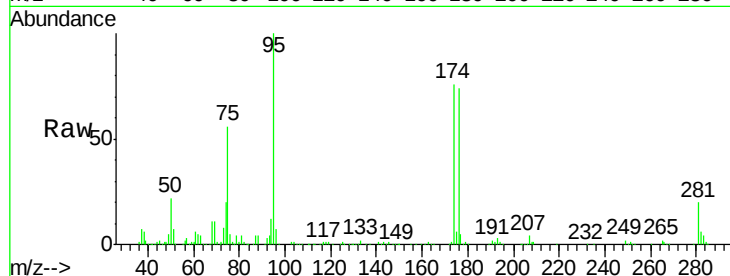
Tot Ion: 95 Resp: 276431

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.6

176 74.3 0.0 146.2

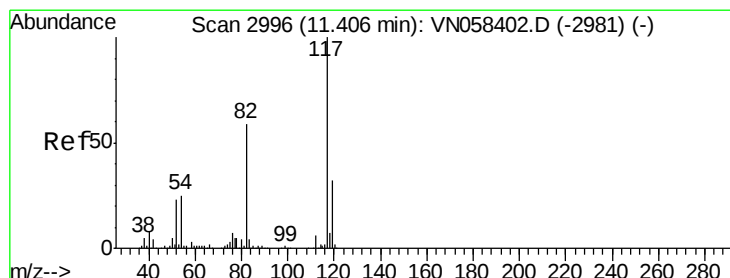
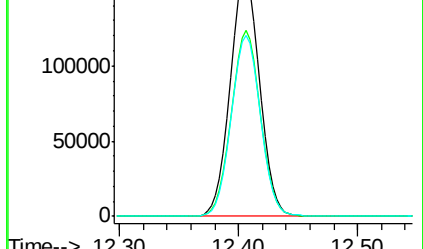
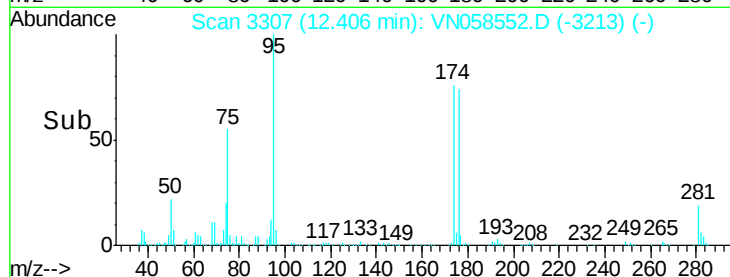


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

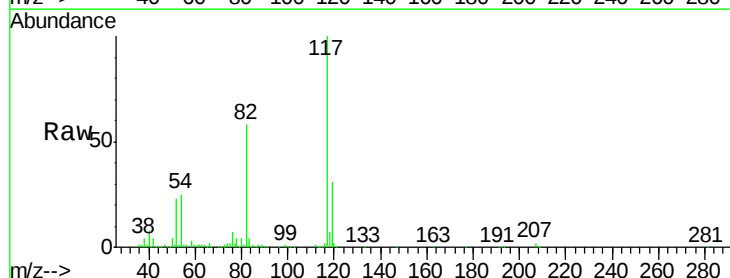
Tgt Ion: 117 Resp: 592931

Ion Ratio Lower Upper

117 100

82 57.5 47.4 71.0

119 30.5 25.5 38.3

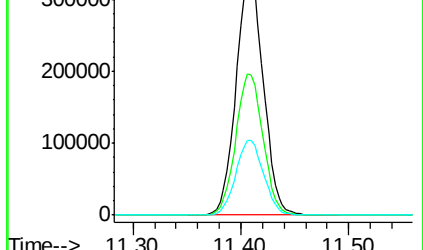
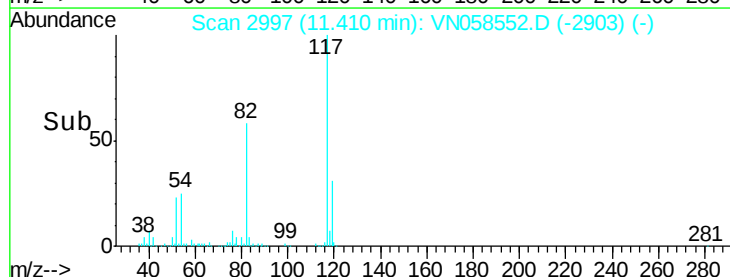


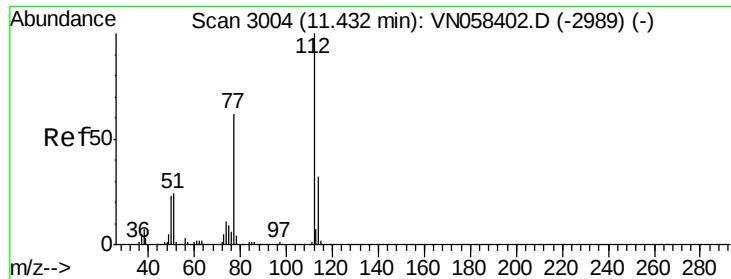
Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

Time--> 11.30 11.40 11.50





#65

Chlorobenzene

Concen: 2.759 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

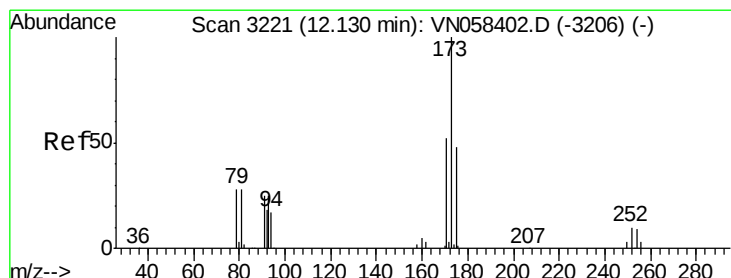
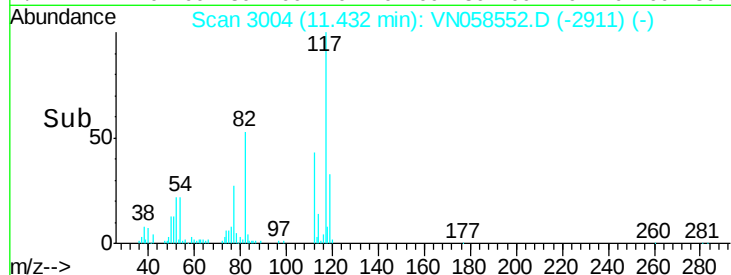
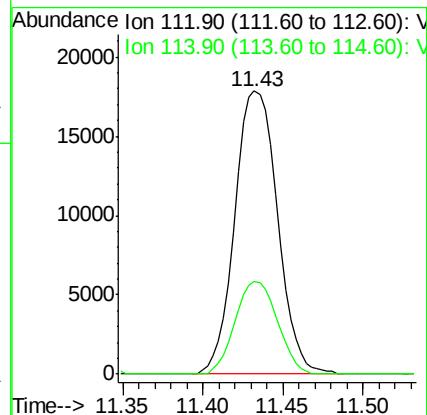
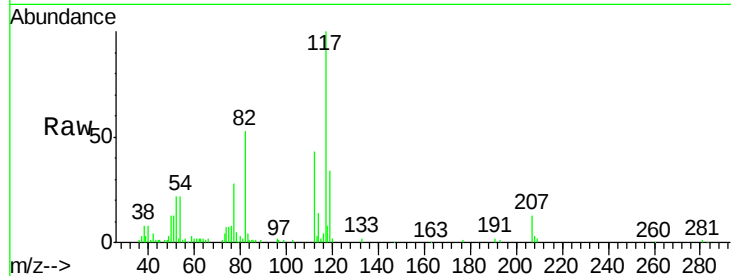
ClientSampleId :

Tot Ion:112 Resp: 32512

Ion Ratio Lower Upper

112 100

114 32.6 25.4 38.2



#71

Bromoform

Concen: 0.803 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.26 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

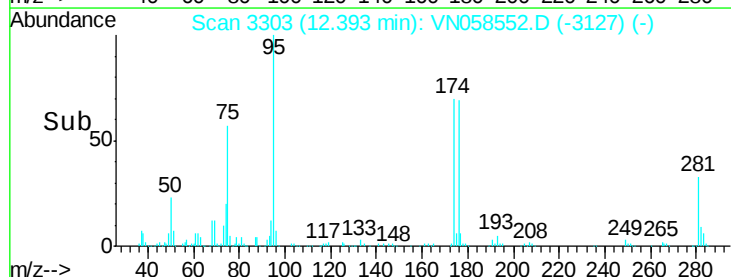
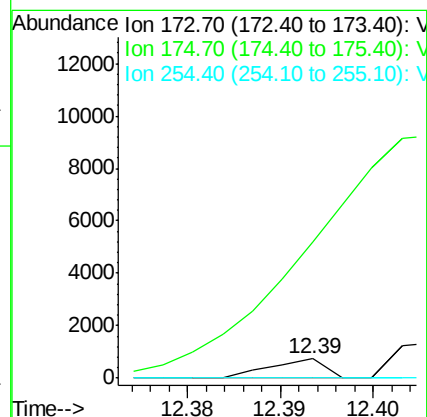
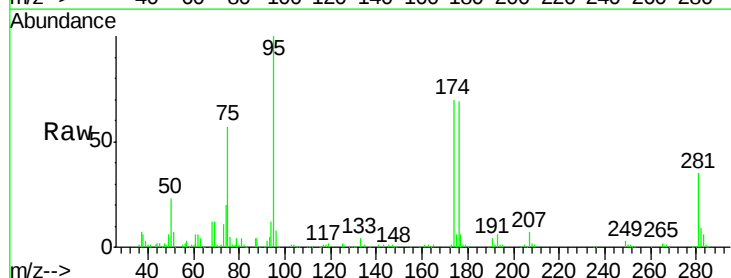
Tgt Ion:173 Resp: 300

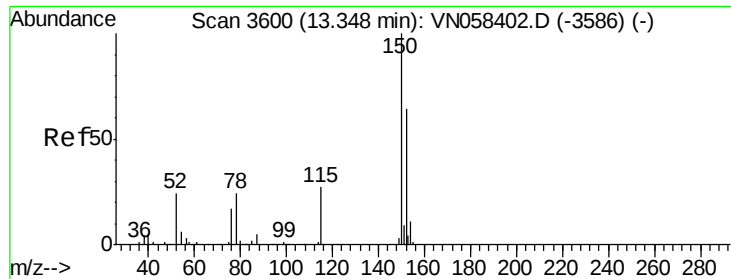
Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

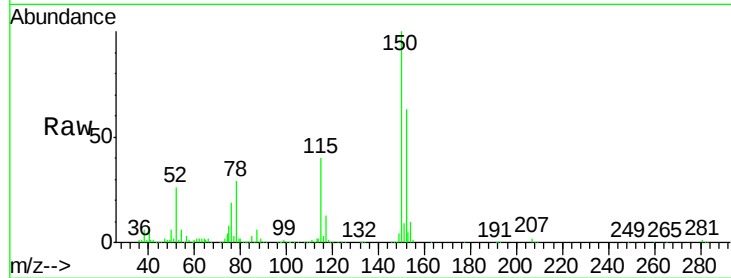
Tot Ion:152 Resp: 240735

Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

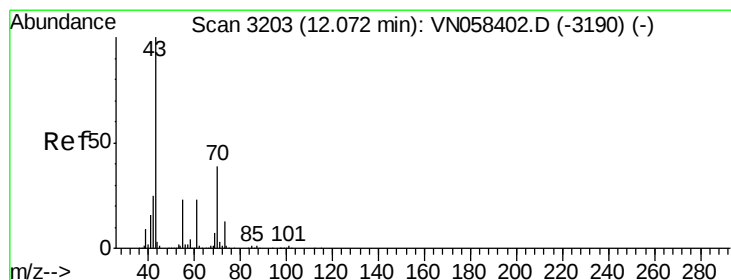
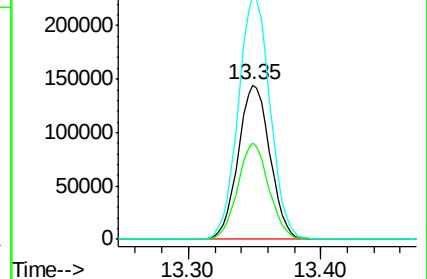
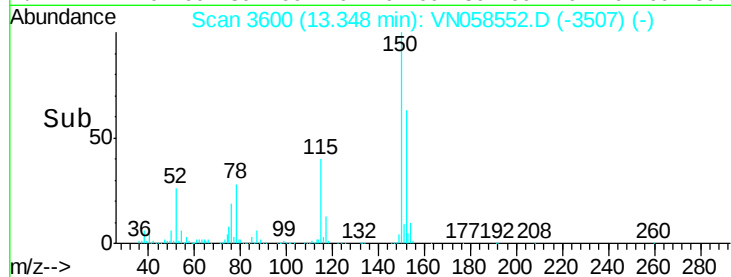
150 157.8 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.691 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Tgt Ion: 43 Resp: 4889

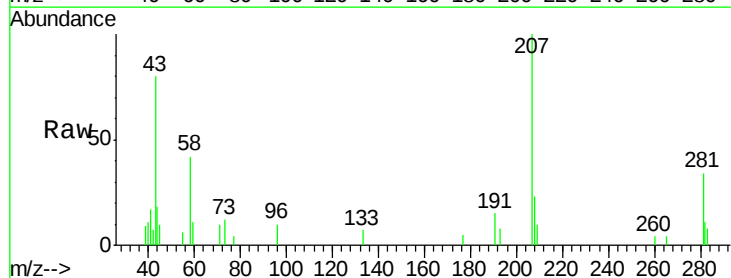
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 5.8 18.2 27.4#

61 0.0 18.3 27.5#

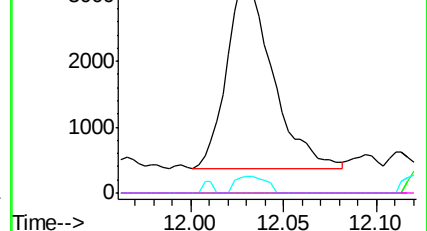
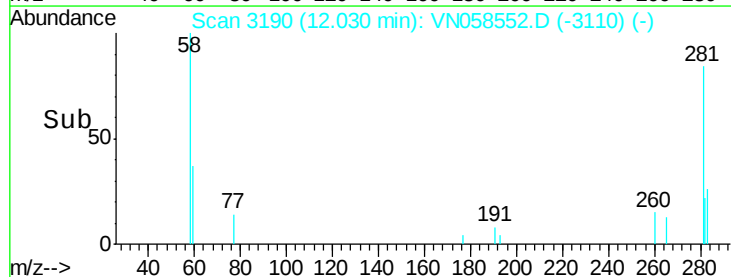


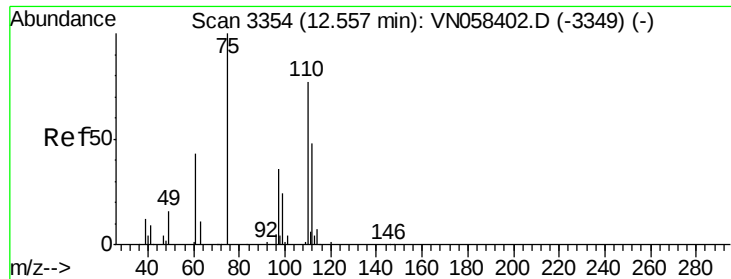
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 34.638 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

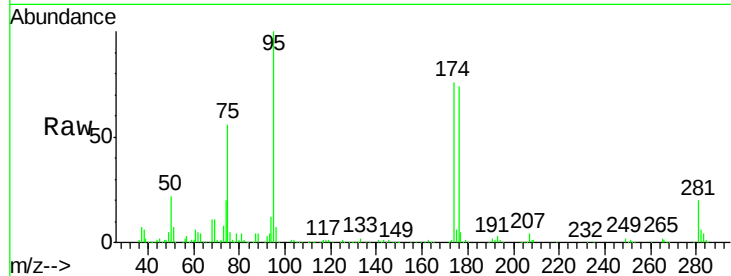
ClientSampled :

Tot Ion: 75 Resp: 152305

Ion Ratio Lower Upper

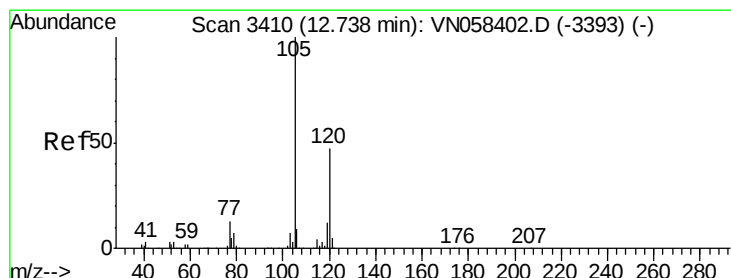
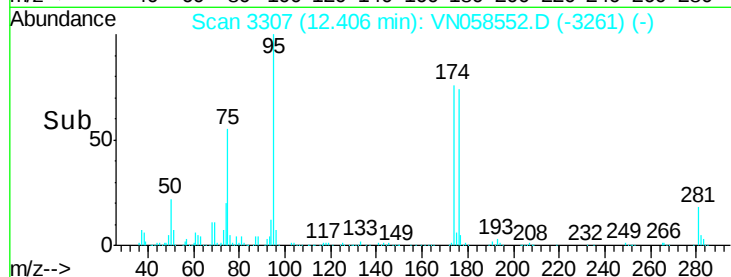
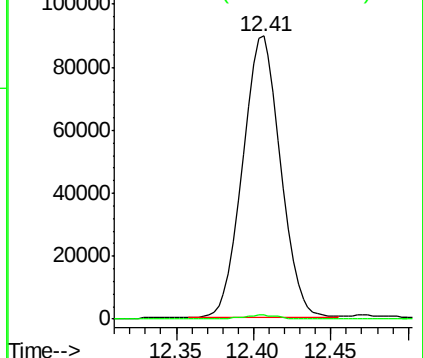
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.322 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058552.D

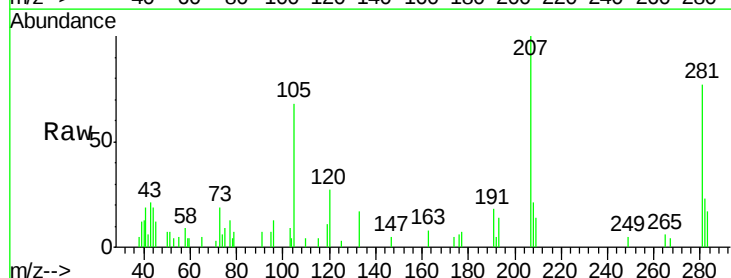
Acq: 4 Oct 2019 19:28

Tgt Ion: 105 Resp: 4792

Ion Ratio Lower Upper

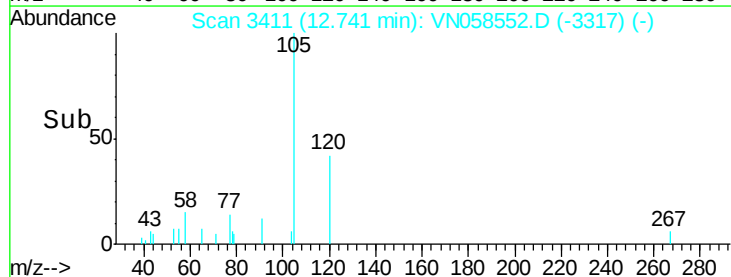
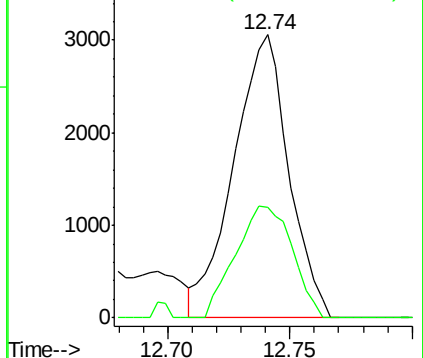
105 100

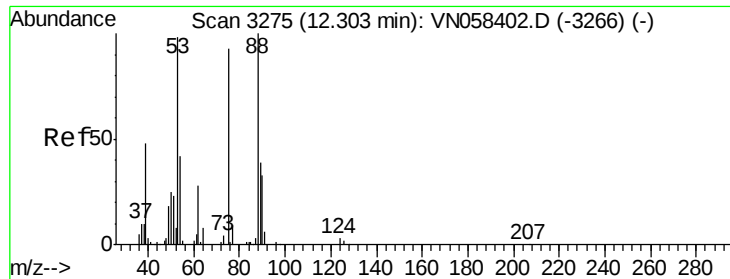
120 40.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 105.200 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058552.D

Acq: 4 Oct 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

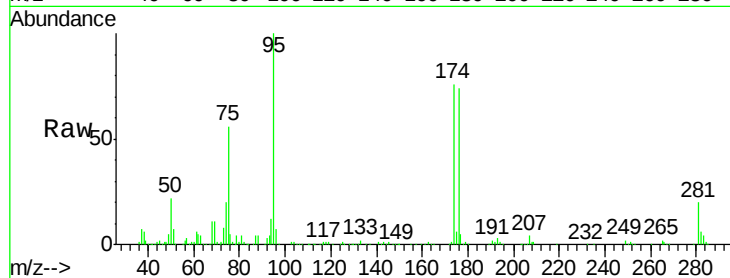
Tot Ion: 75 Resp: 152305

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

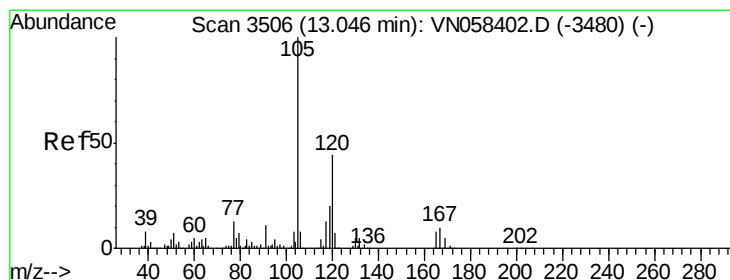
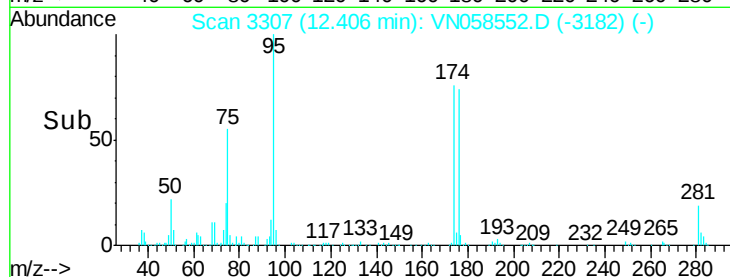
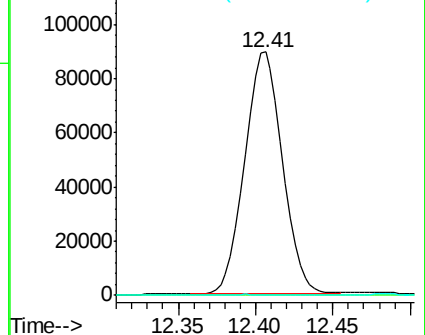
89 0.2 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058552.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058552.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058552.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.409 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN058552.D

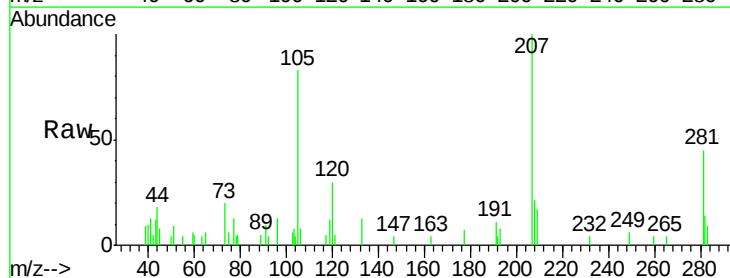
Acq: 4 Oct 2019 19:28

Tgt Ion: 105 Resp: 6103

Ion Ratio Lower Upper

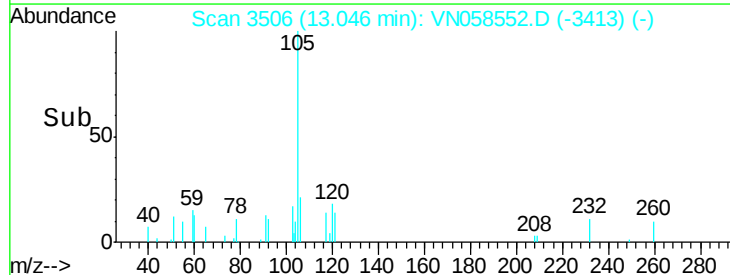
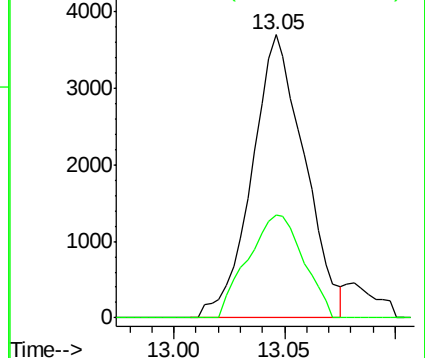
105 100

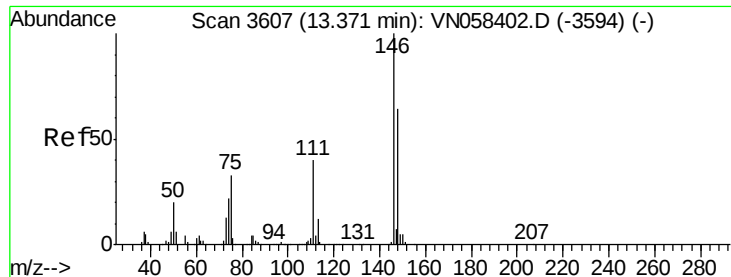
120 38.4 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): VN058552.D (-3413) (-)

Ion 120.00 (119.70 to 120.70): VN058552.D (-3413) (-)

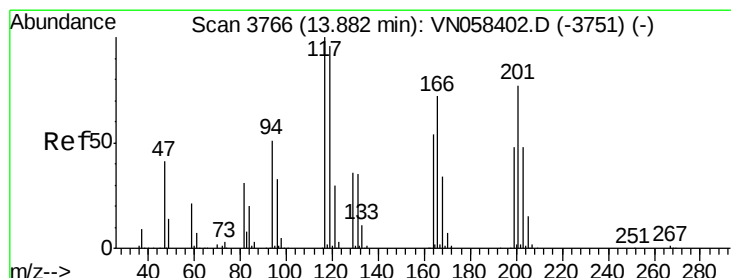
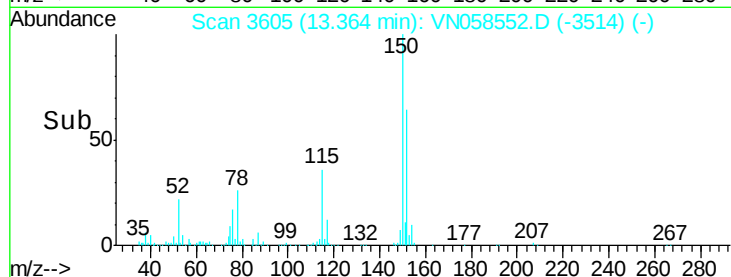
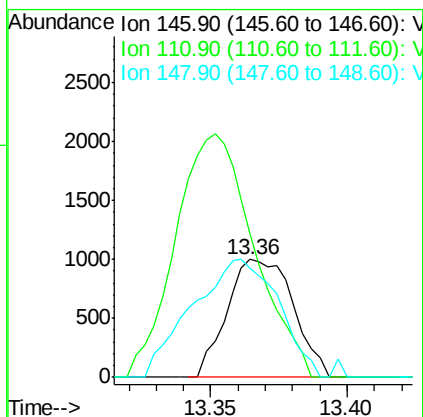
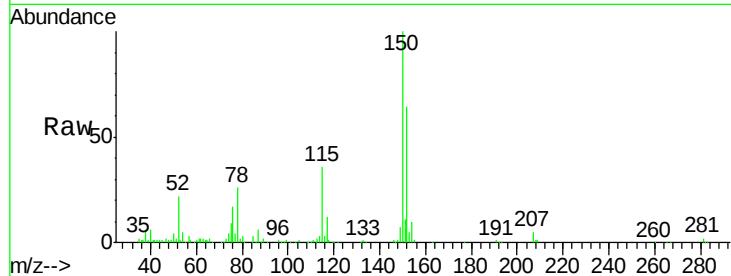




#88
 1,4-Dichlorobenzene
 Concen: 0.224 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.01 min
 Lab File: VN058552.D
 Acq: 4 Oct 2019 19:28

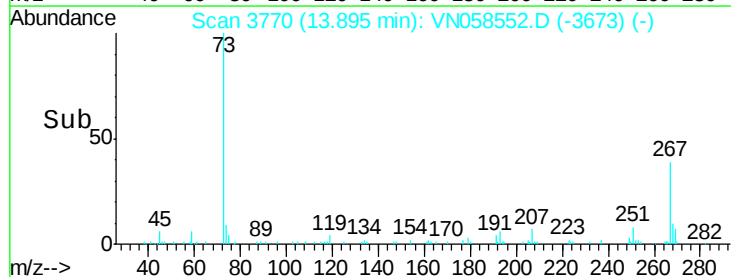
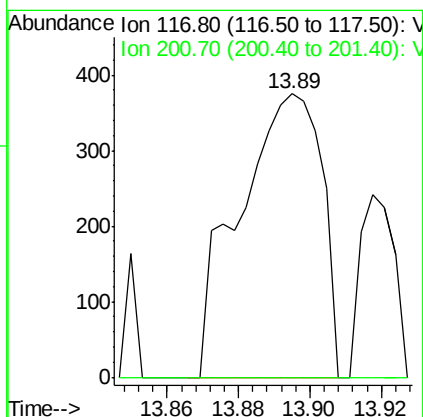
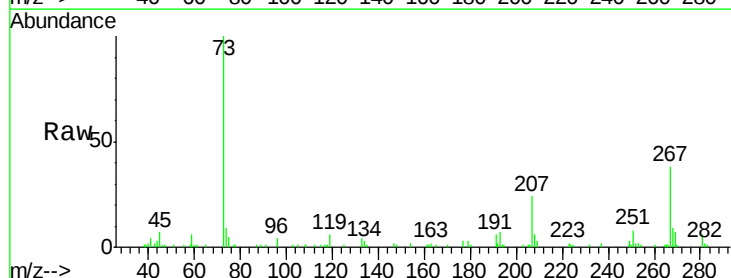
Instrument :
 MSVOA_N
 ClientSampleId :

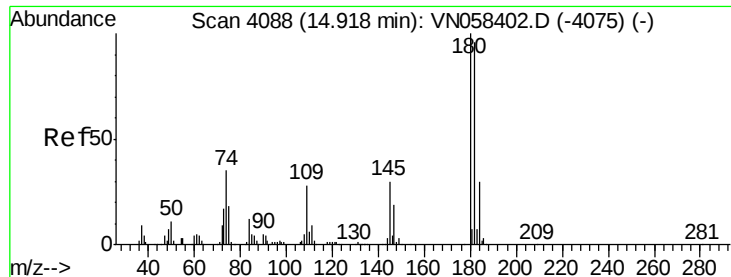
Tot Ion:146 Resp: 1684
 Ion Ratio Lower Upper
 146 100
 111 244.8 20.5 61.6#
 148 130.5 31.5 94.5#



#90
 Hexachloroethane
 Concen: 0.273 ug/l
 RT: 13.89 min Scan# 3770
 Delta R.T. 0.01 min
 Lab File: VN058552.D
 Acq: 4 Oct 2019 19:28

Tgt Ion:117 Resp: 598
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.6 116.0#

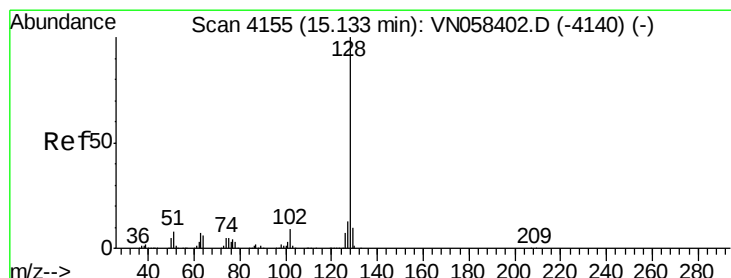
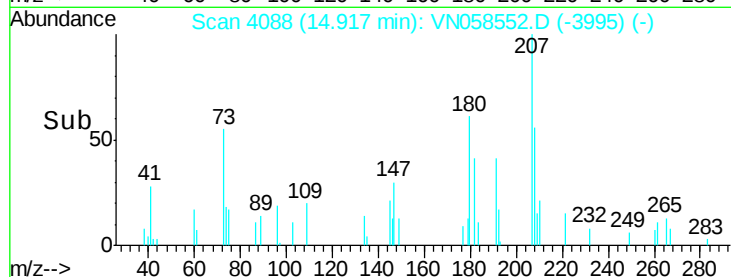
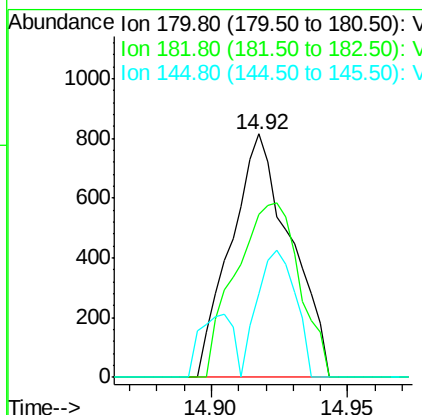
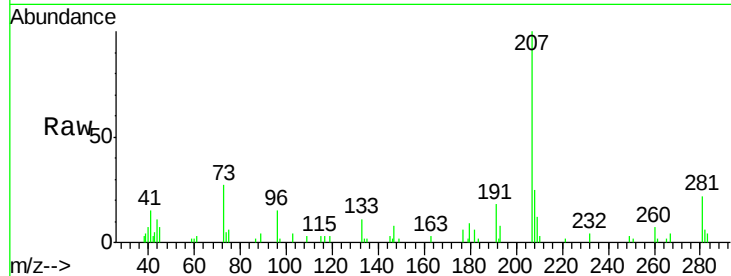




#93
 1,2,4-Trichlorobenzene
 Concen: 0.309 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058552.D
 Acq: 4 Oct 2019 19:28

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	76.4	47.4	142.3
145	33.2	15.3	45.9



#95
 Naphthalene
 Concen: 0.466 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN058552.D
 Acq: 4 Oct 2019 19:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.2	15.4
129	10.1	8.3	12.5

