

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058553.D
 Acq On : 4 Oct 2019 19:50
 Operator : JC/SP
 Sample : K5193-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 04 23:42:01 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	420012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	680640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	604214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	287223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	296070	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	7.57	113	211599	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.08	98	852608	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.41	95	284145	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	2136	0.422	ug/l #	87
8) Diethyl Ether	3.40	74	721	0.279	ug/l #	48
13) Acrolein	3.59	56	218	1.005	ug/l #	66
16) Acetone	3.80	43	67991	32.496	ug/l	97
17) Carbon Disulfide	4.04	76	6783	0.649	ug/l	100
18) Methyl Acetate	4.31	43	4774	0.907	ug/l #	71
20) Methylene Chloride	4.53	84	95851	19.851	ug/l	99
25) 2-Butanone	6.82	43	22008	7.661	ug/l	99
29) Tetrahydrofuran	7.20	42	465	0.255	ug/l #	34
30) Chloroform	7.35	83	2569	0.290	ug/l	84
31) Cyclohexane	7.65	56	11309	1.331	ug/l #	26
36) 1,1-Dichloropropene	7.65	75	35471	5.450	ug/l #	52
37) Ethyl Acetate	6.82	43	22008	3.988	ug/l #	70
38) Carbon Tetrachloride	7.65	117	43456	7.397	ug/l #	17
41) Methacrylonitrile	7.19	41	781	0.308	ug/l #	33
43) Isopropyl Acetate	8.15	43	85626	8.252	ug/l	99
45) 1,2-Dichloropropane	9.26	63	1531	0.305	ug/l #	43
48) Methyl methacrylate	9.17	41	4745	1.004	ug/l #	13
49) 1,4-Dioxane	9.26	88	71	1.124	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6175	1.159	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	34752	4.778	ug/l #	68
56) Ethyl methacrylate	10.54	69	1497	0.230	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6469	0.846	ug/l #	43
59) 2-Hexanone	10.76	43	89998	23.190	ug/l #	54
60) Dibromochloromethane	10.90	129	62	Below Cal		78
64) Tetrachloroethene	10.63	164	788	0.205	ug/l	86
71) Bromoform	12.40	173	851	0.995	ug/l #	1
74) N-amyl acetate	12.03	43	6095	0.722	ug/l #	50
76) 1,2,3-Trichloropropane	12.41	75	154282	29.409	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4516	0.254	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.41	75	154282	89.318	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.04	105	10211	0.574	ug/l	93
90) Hexachloroethane	13.90	117	726	0.278	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.27	75	270	0.244	ug/l #	5

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Response via : Initial Calibration

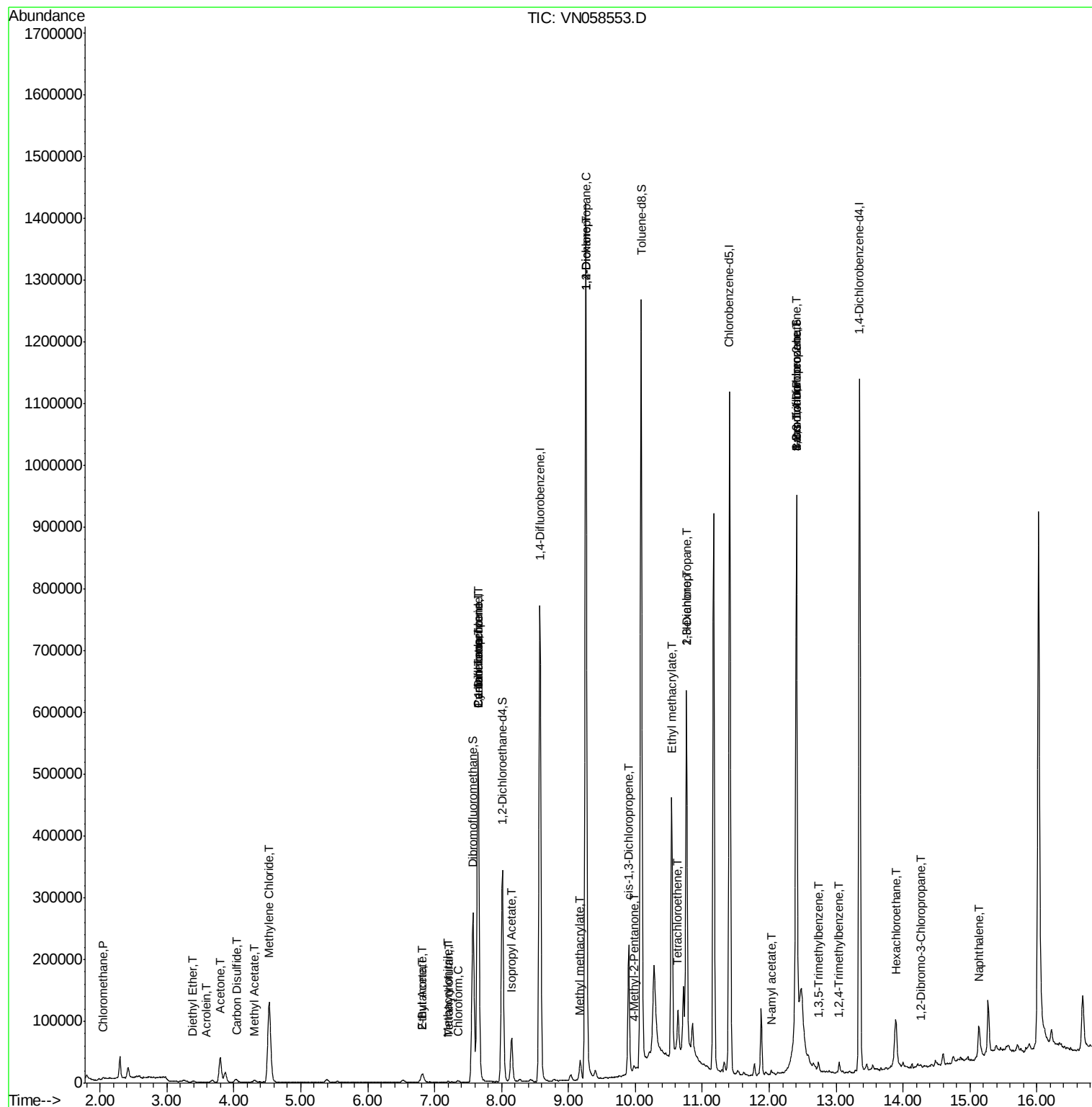
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	29094	2.045	ug/l	99

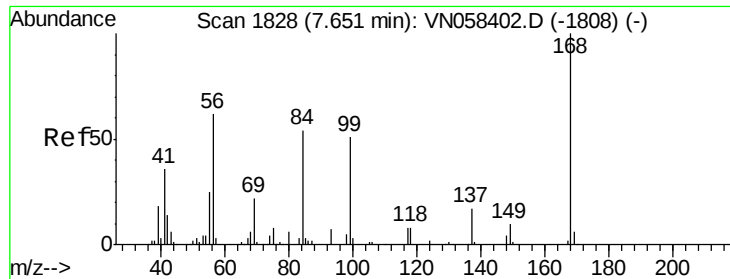
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100419\
Data File : VN058553.D
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Sample : K5193-05
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

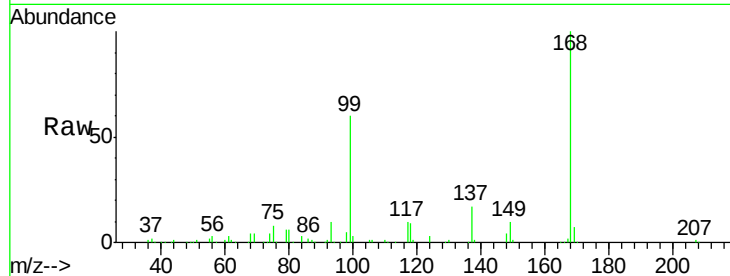
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 420012

Ion Ratio Lower Upper

168 100

99 60.3 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

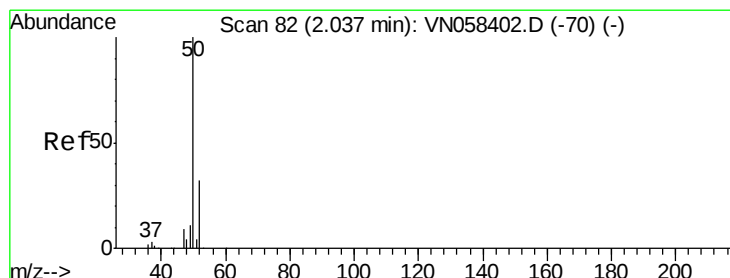
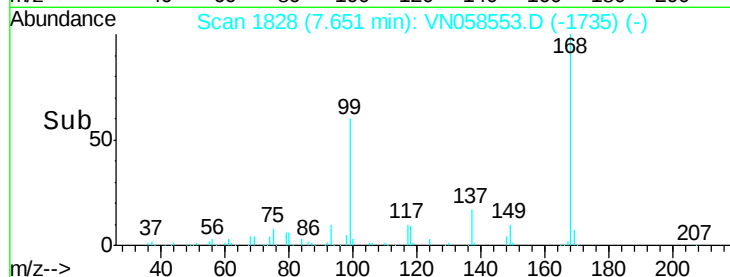
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.422 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058553.D

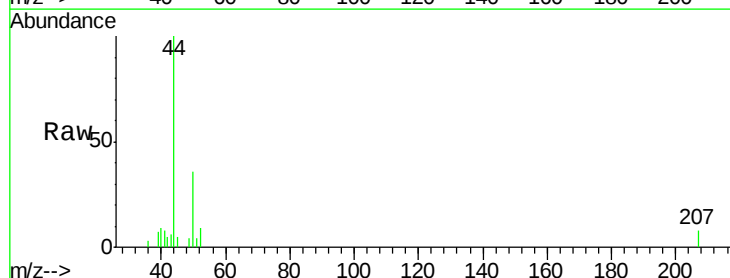
Acq: 4 Oct 2019 19:50

Tgt Ion: 50 Resp: 2136

Ion Ratio Lower Upper

50 100

52 25.1 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

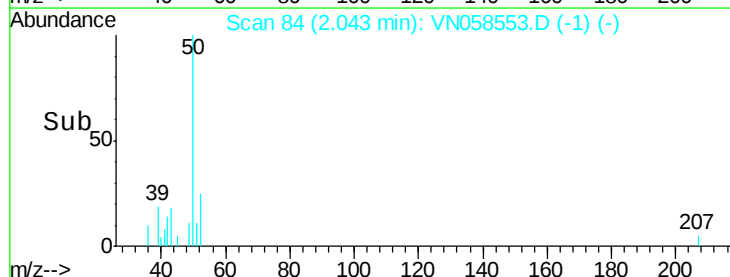
1500

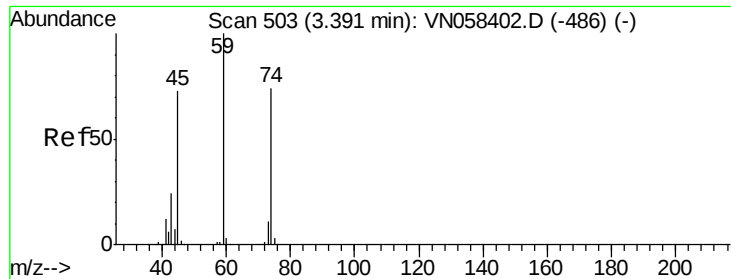
1000

500

0

Time--> 2.00 2.02 2.04 2.06 2.08





#8

Diethyl Ether

Concen: 0.279 ug/l

RT: 3.40 min Scan# 505

Delta R.T. 0.01 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

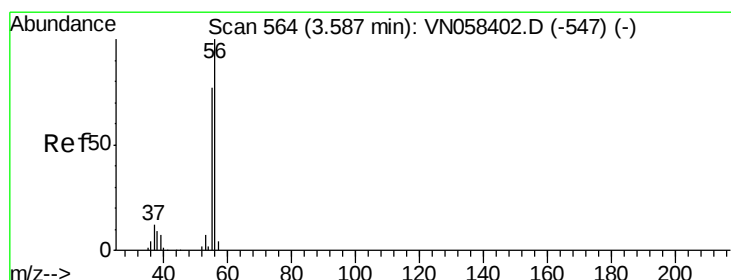
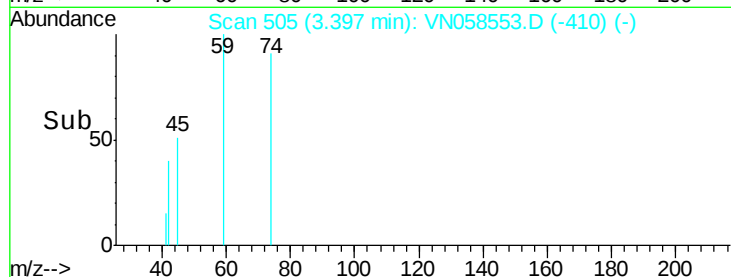
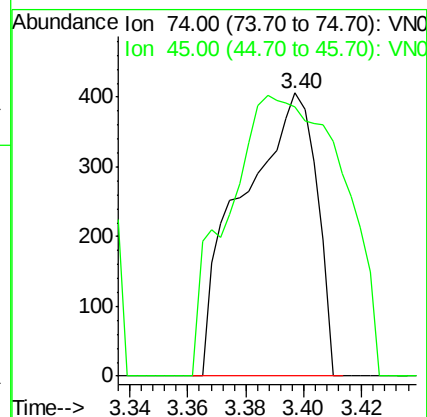
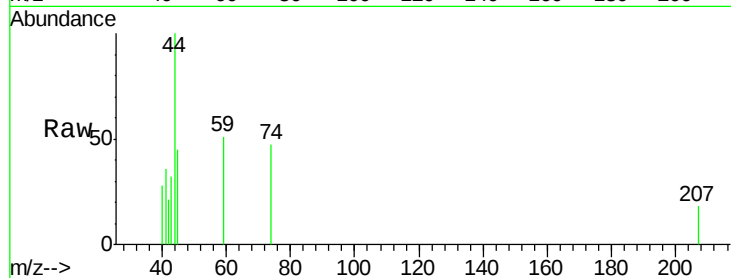
ClientSampled :

Tot Ion: 74 Resp: 721

Ion Ratio Lower Upper

74 100

45 153.8 50.5 151.6#



#13

Acrolein

Concen: 1.005 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058553.D

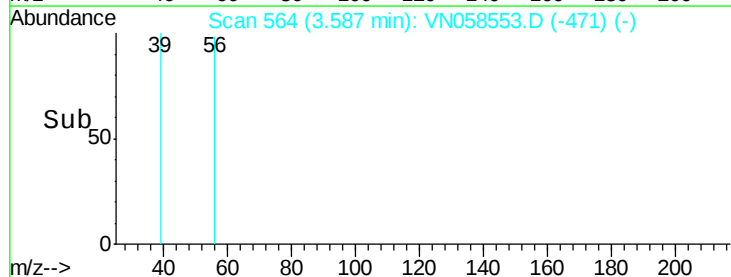
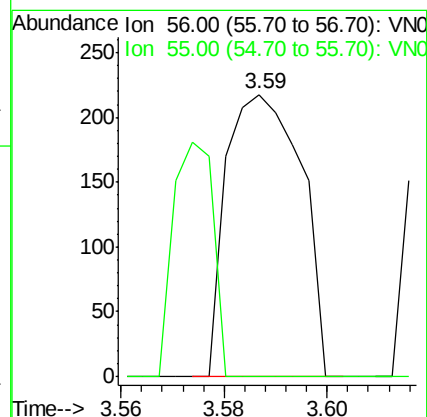
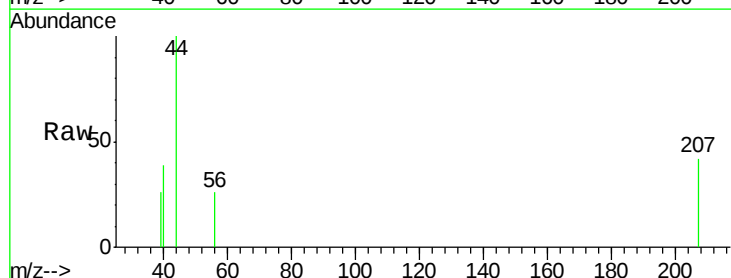
Acq: 4 Oct 2019 19:50

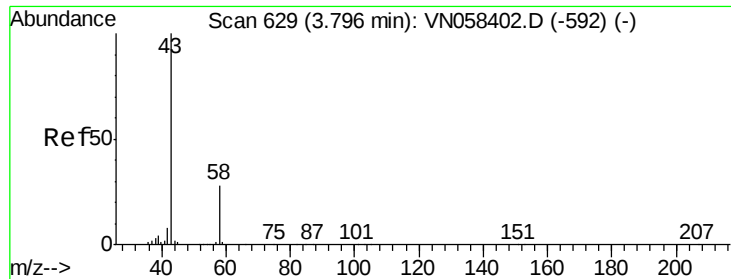
Tgt Ion: 56 Resp: 218

Ion Ratio Lower Upper

56 100

55 44.5 58.3 87.5#

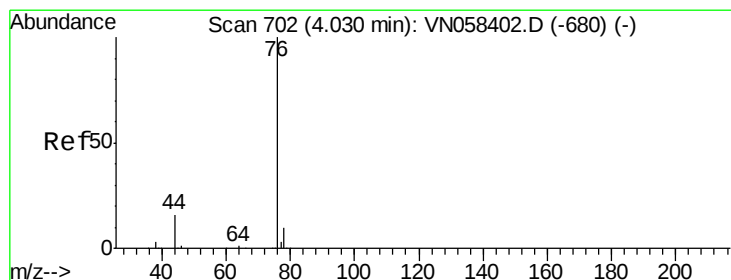
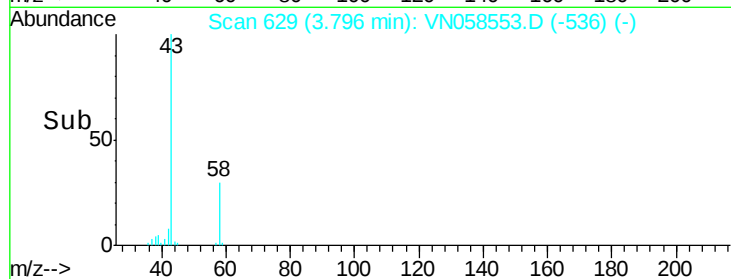
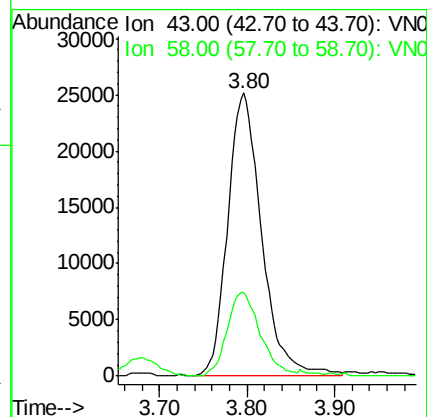
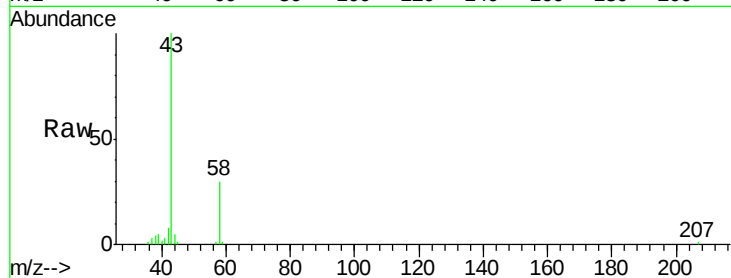




#16
Acetone
Concen: 32.496 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

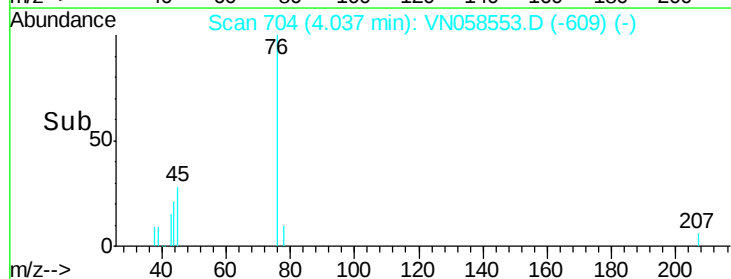
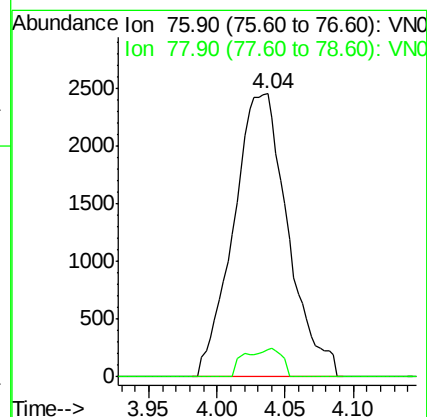
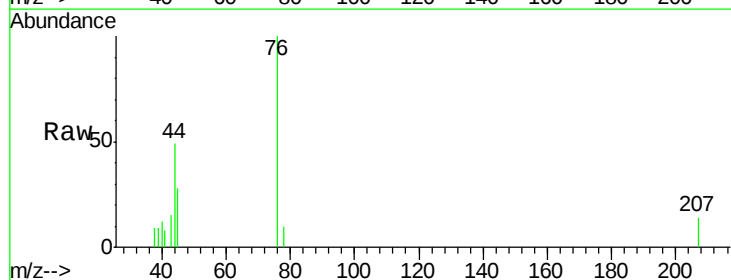
Instrument :
MSVOA_N
ClientSampleId :

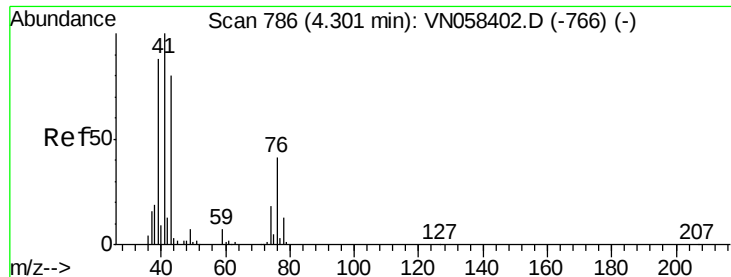
Tot Ion: 43 Resp: 67991
Ion Ratio Lower Upper
43 100
58 29.6 22.4 33.6



#17
Carbon Disulfide
Concen: 0.649 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

Tgt Ion: 76 Resp: 6783
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5

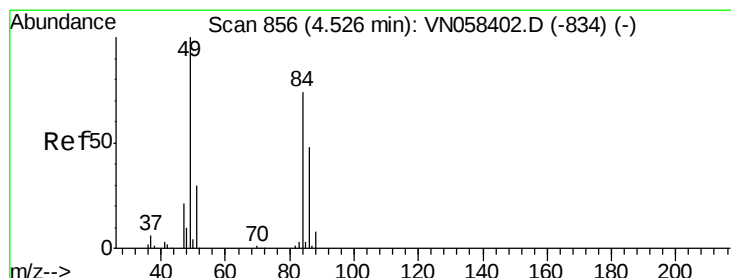
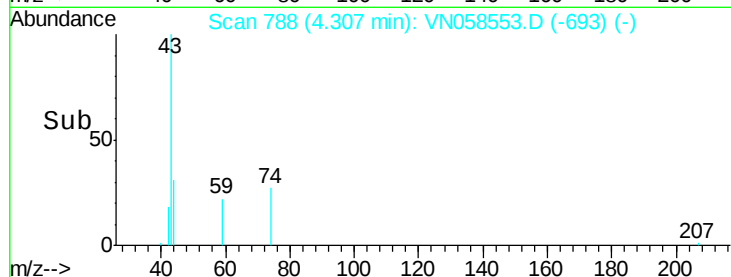
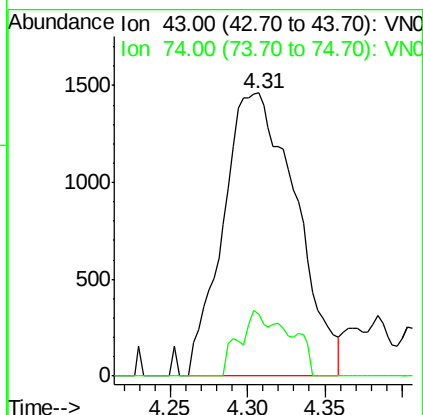
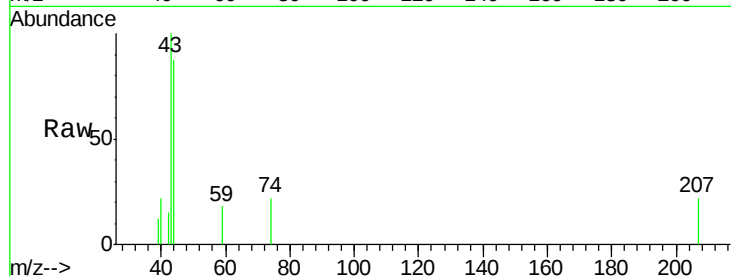




#18
Methyl Acetate
Concen: 0.907 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

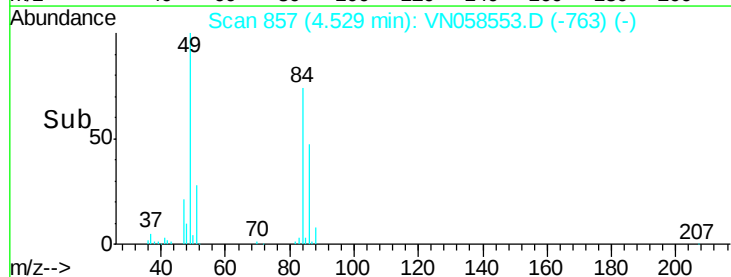
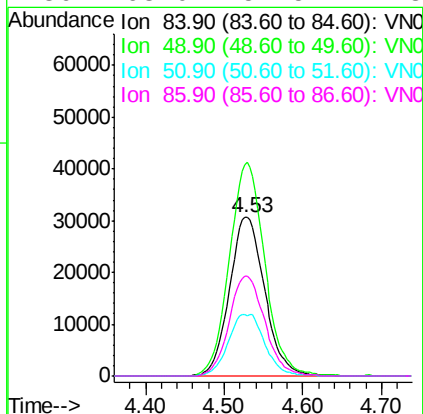
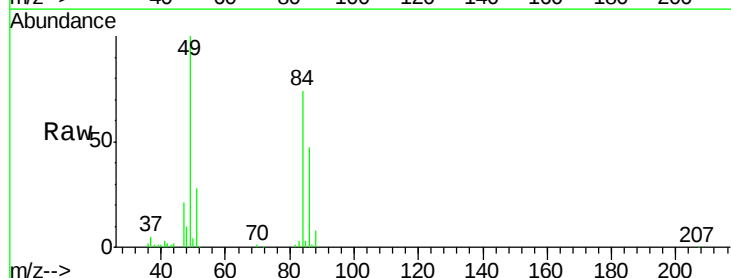
Instrument :
MSVOA_N
ClientSampleId :

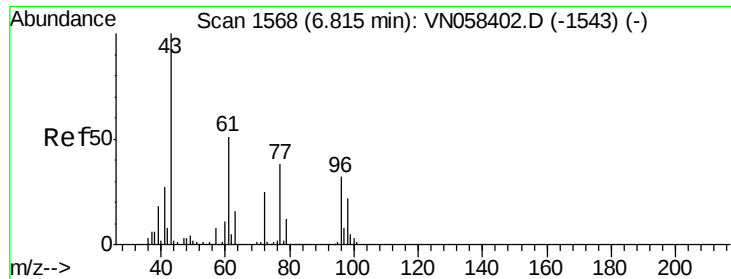
Tot Ion: 43 Resp: 4774
Ion Ratio Lower Upper
43 100
74 8.7 18.0 27.0#



#20
Methylene Chloride
Concen: 19.851 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

Tgt Ion: 84 Resp: 95851
Ion Ratio Lower Upper
84 100
49 134.6 107.9 161.9
51 38.2 32.8 49.2
86 63.0 51.5 77.3





#25

2-Butanone

Concen: 7.661 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

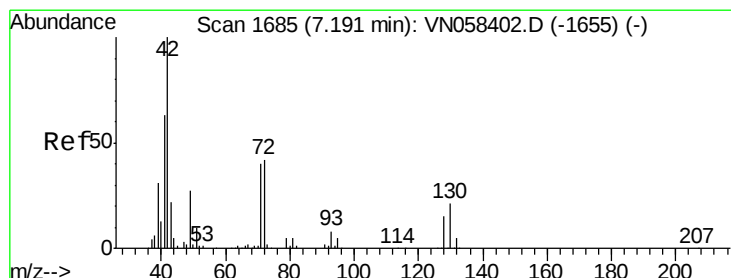
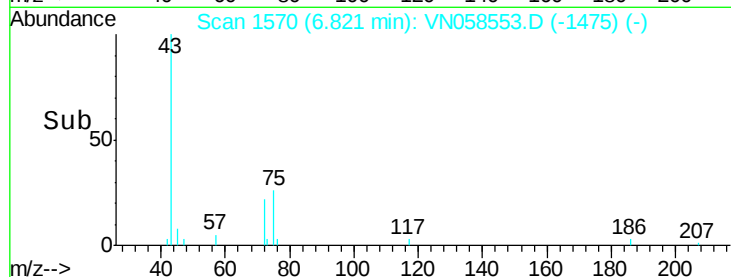
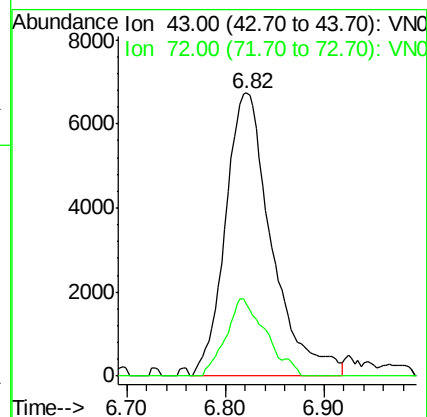
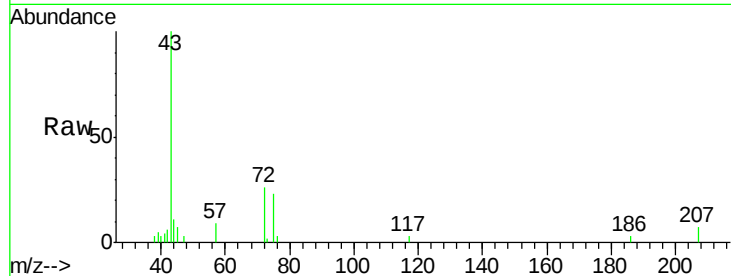
ClientSampleId :

Tot Ion: 43 Resp: 22008

Ion Ratio Lower Upper

43 100

72 25.7 20.2 30.4



#29

Tetrahydrofuran

Concen: 0.255 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

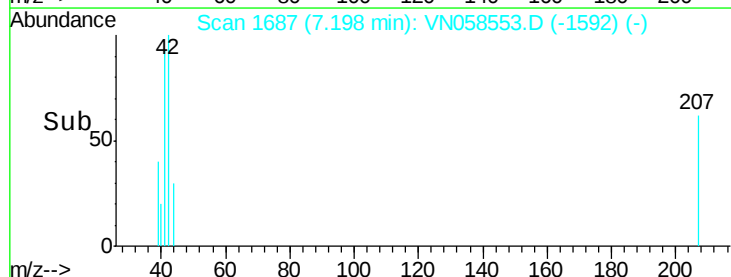
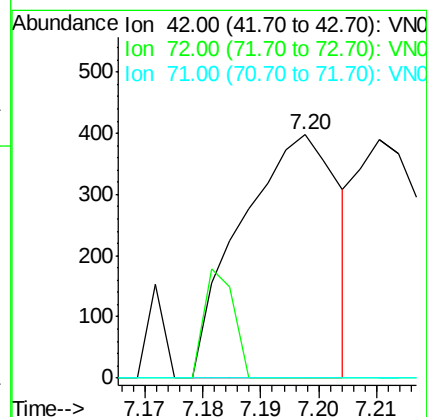
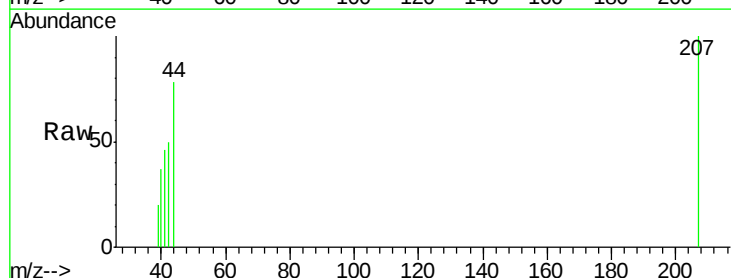
Tgt Ion: 42 Resp: 465

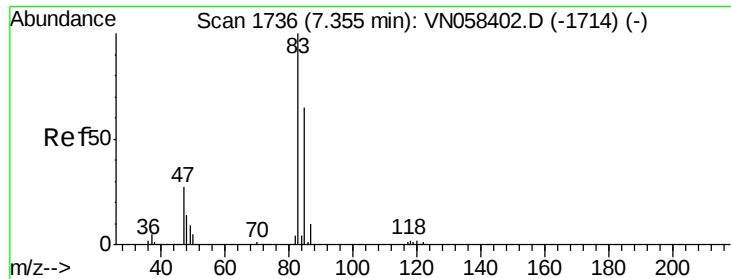
Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.8 47.6#

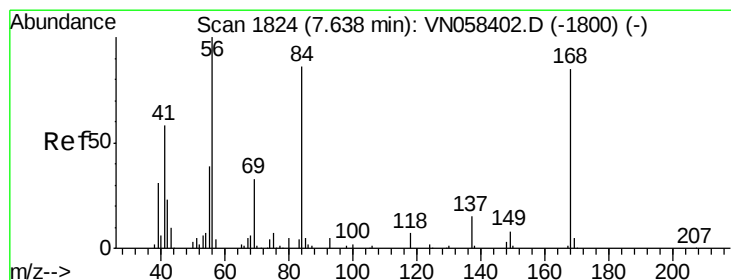
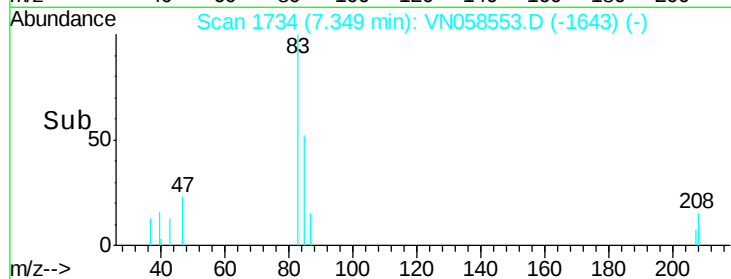
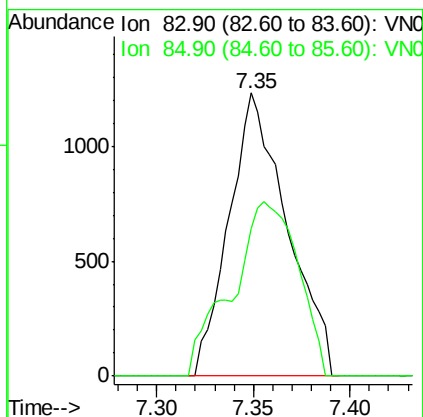
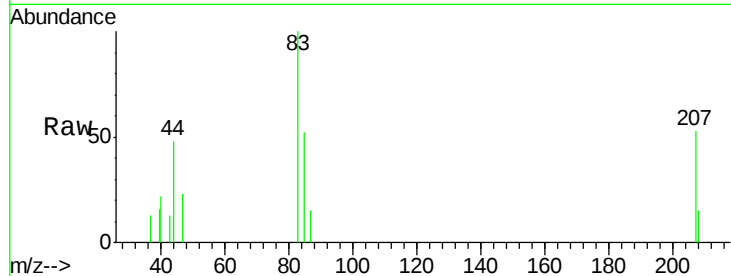




#30
Chloroform
Concen: 0.290 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.01 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

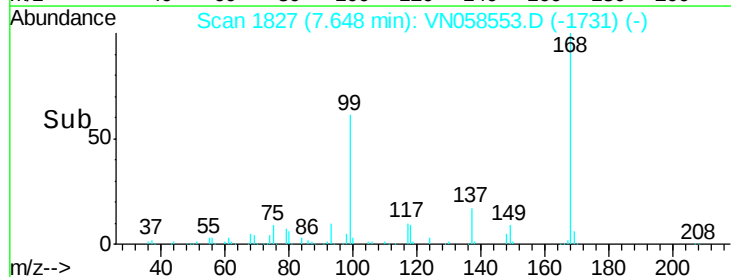
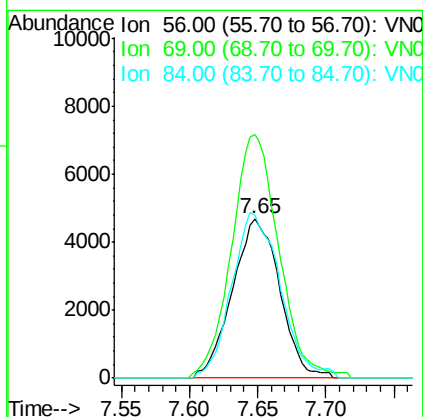
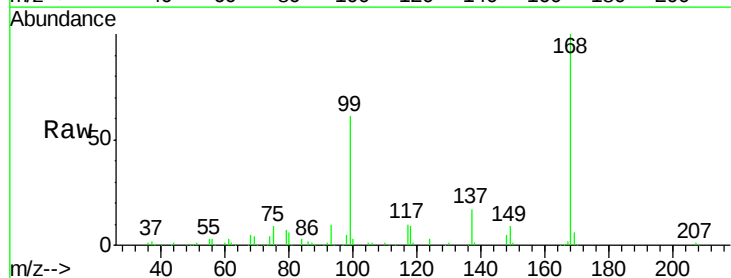
Instrument :
MSVOA_N
ClientSampled :

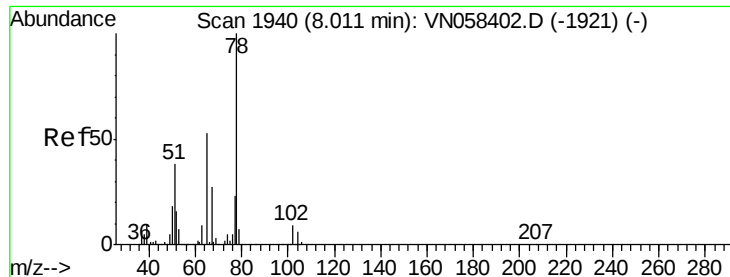
Tot Ion: 83 Resp: 2569
Ion Ratio Lower Upper
83 100
85 52.3 52.0 78.0



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

Tgt Ion: 56 Resp: 11309
Ion Ratio Lower Upper
56 100
69 152.8 26.2 39.4#
84 102.6 67.6 101.4#

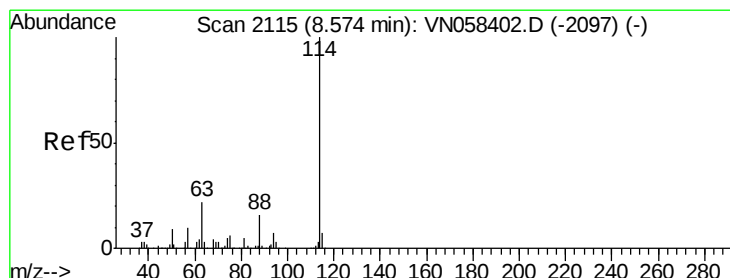
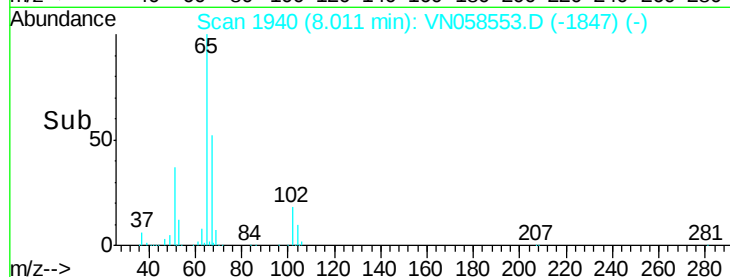
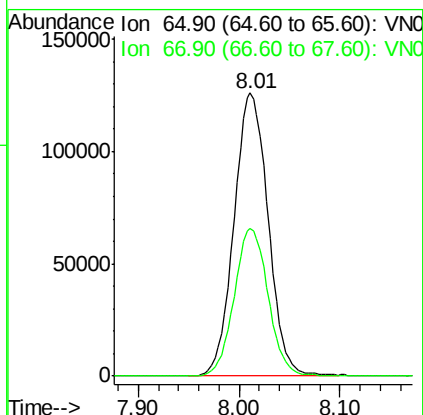
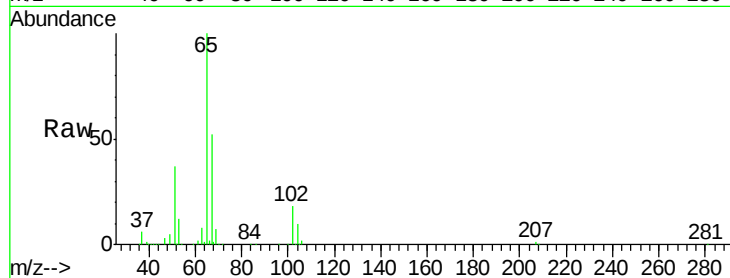




#33
 1,2-Dichloroethane-d4
 Concen: 48.237 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058553.D
 Acq: 4 Oct 2019 19:50

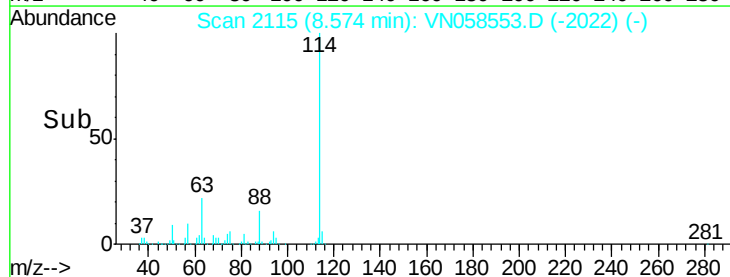
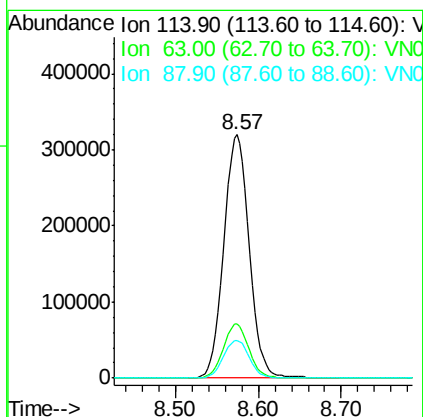
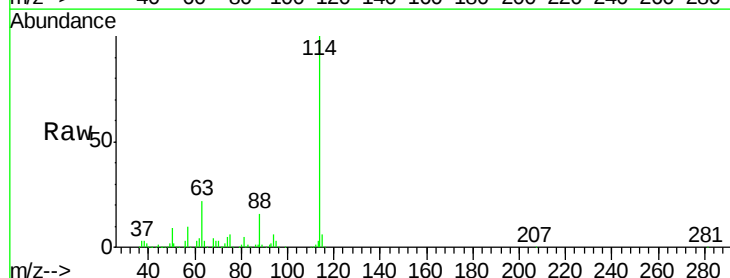
Instrument :
 MSVOA_N
 ClientSampled :

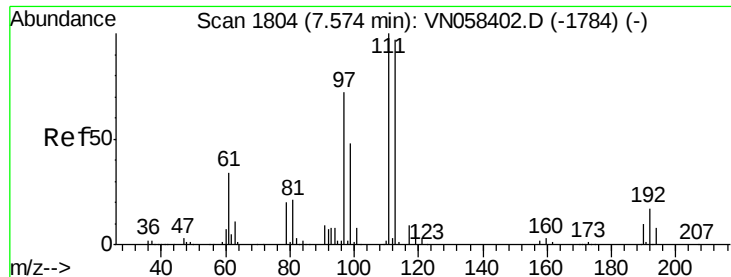
Tot Ion: 65 Resp: 296070
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058553.D
 Acq: 4 Oct 2019 19:50

Tgt Ion: 114 Resp: 680640
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.0
 88 15.6 0.0 32.2

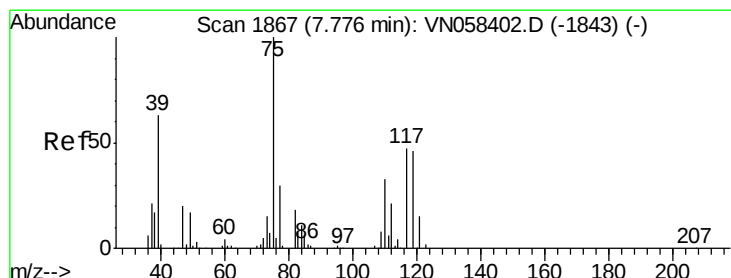
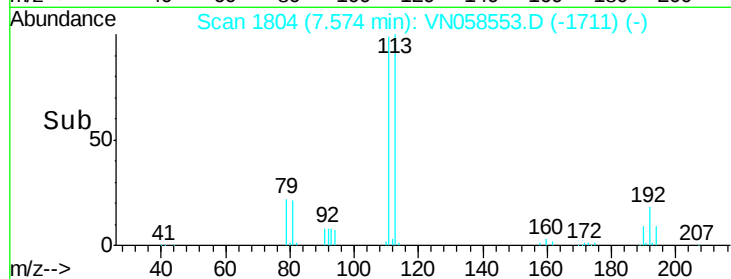
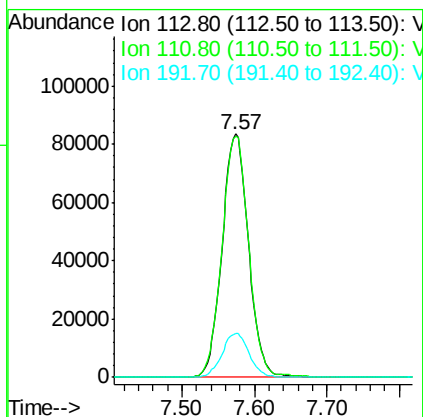
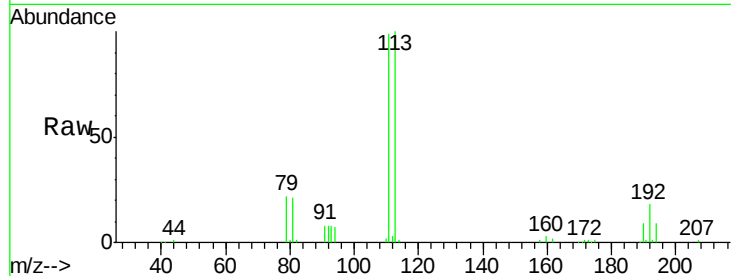




#35
 Dibromofluoromethane
 Concen: 50.724 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058553.D
 Acq: 4 Oct 2019 19:50

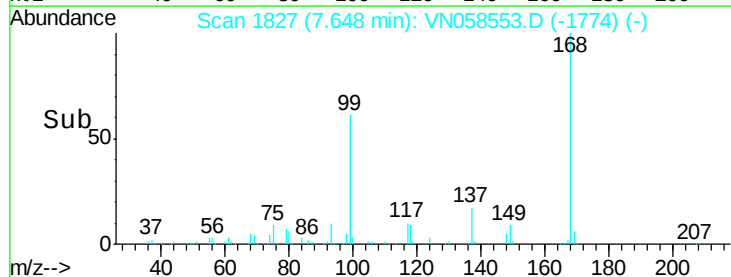
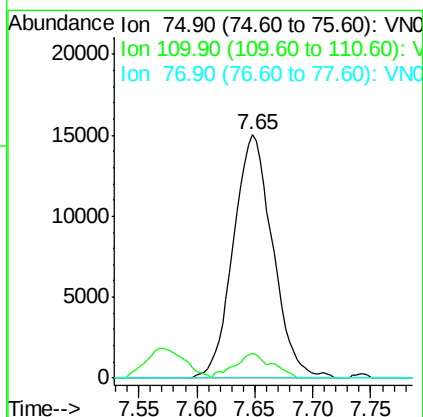
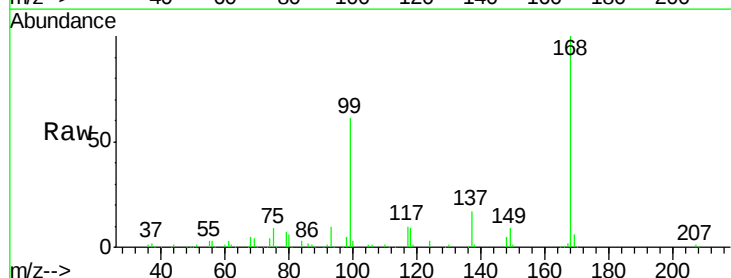
Instrument :
 MSVOA_N
 ClientSampleId :

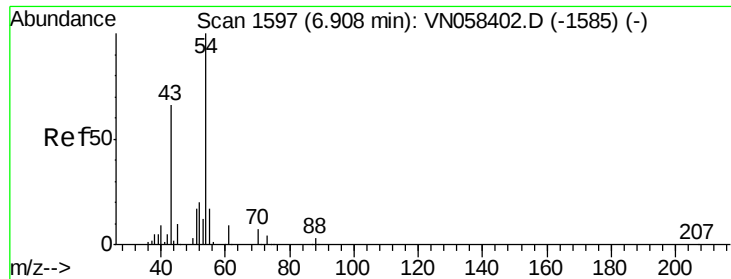
Tot Ion:113 Resp: 211599
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.4 125.2
 192 18.4 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.450 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058553.D
 Acq: 4 Oct 2019 19:50

Tgt Ion: 75 Resp: 35471
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.4 49.2#
 77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 3.988 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.09 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

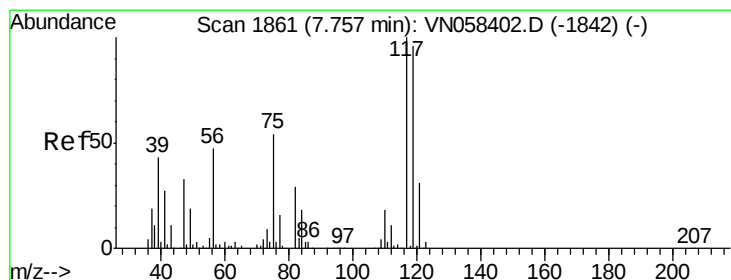
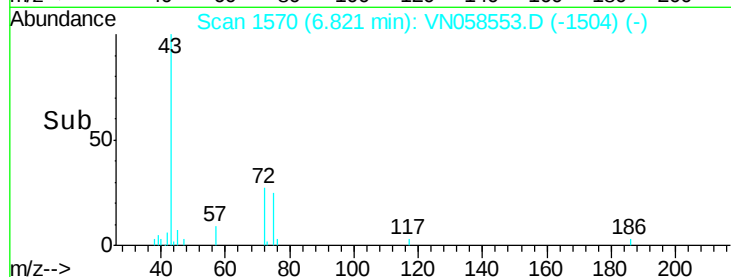
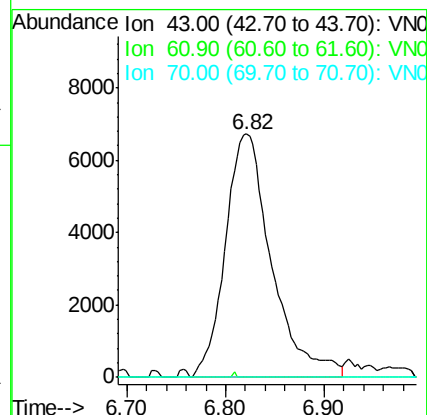
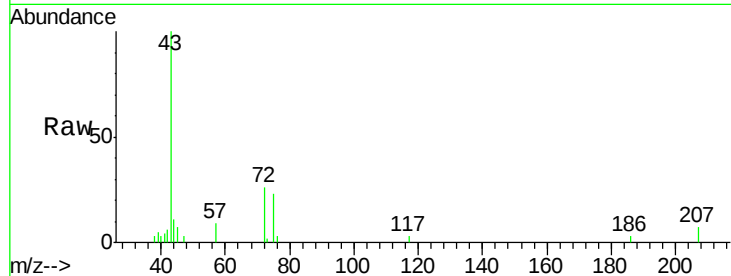
Tot Ion: 43 Resp: 22008

Ion Ratio Lower Upper

43 100

61 0.1 10.5 15.7#

70 0.0 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 7.397 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

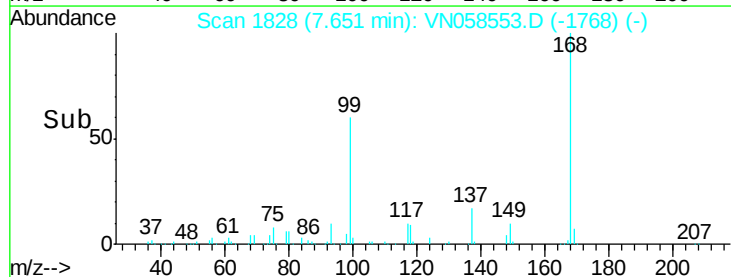
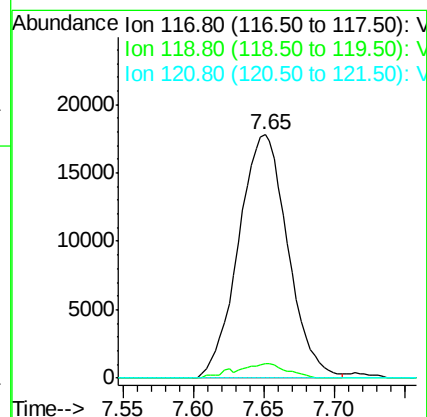
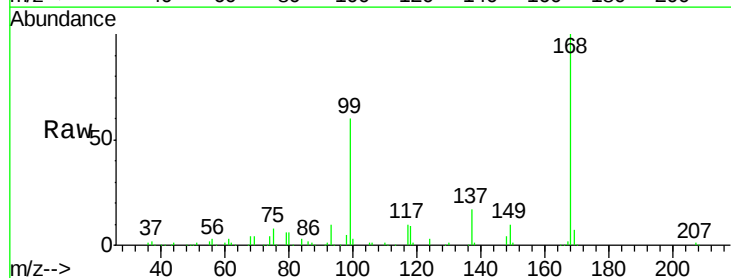
Tgt Ion: 117 Resp: 43456

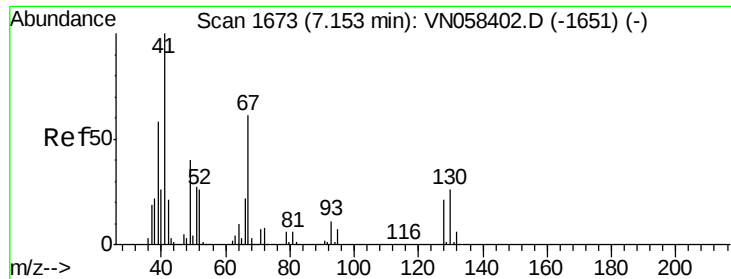
Ion Ratio Lower Upper

117 100

119 5.9 76.6 115.0#

121 0.0 24.7 37.1#

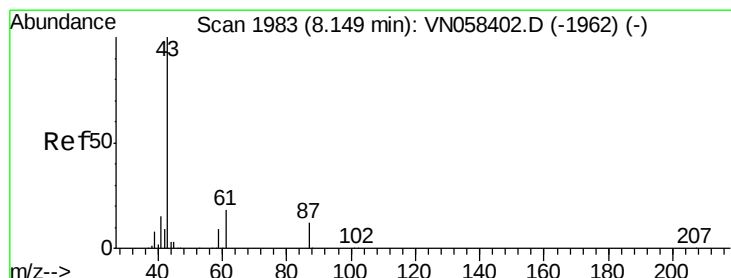
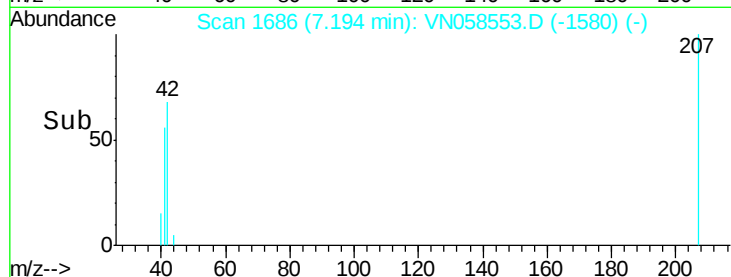
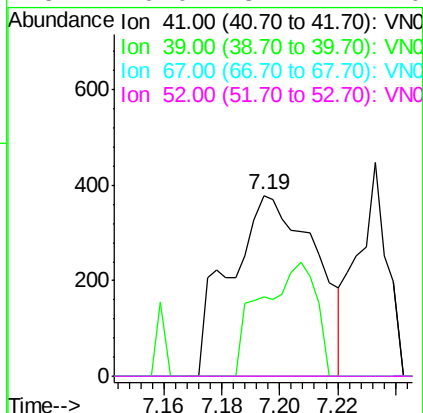
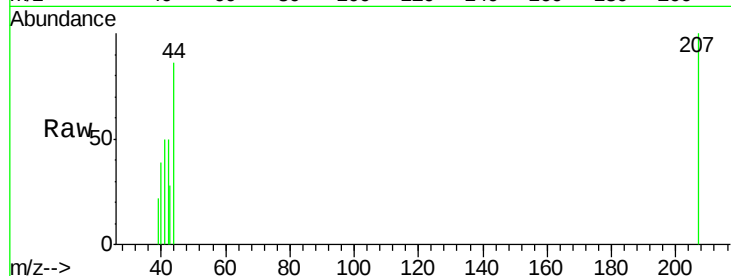




#41
Methacrylonitrile
Concen: 0.308 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

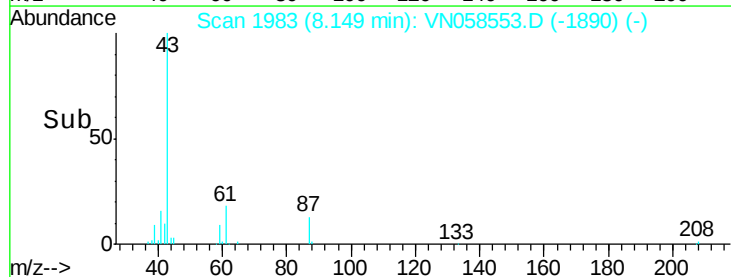
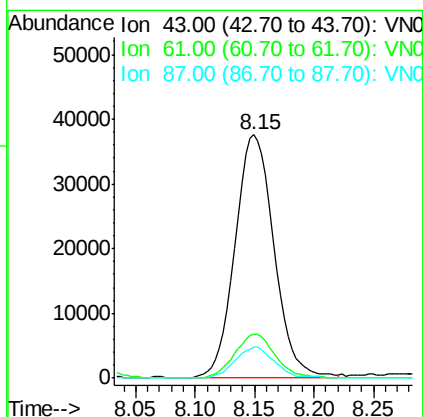
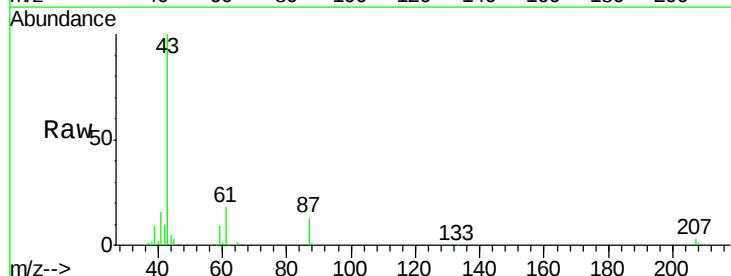
Instrument :
MSVOA_N
ClientSampleId :

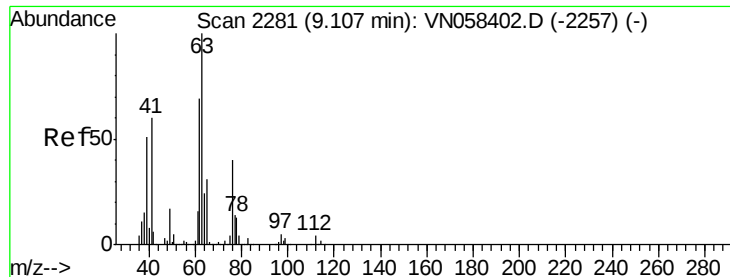
Tot Ion: 41 Resp: 781
Ion Ratio Lower Upper
41 100
39 40.3 50.2 75.4#
67 0.0 70.2 105.4#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 8.252 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

Tgt Ion: 43 Resp: 85626
Ion Ratio Lower Upper
43 100
61 18.7 14.8 22.2
87 12.6 9.7 14.5





#45

1,2-Dichloropropane

Concen: 0.305 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

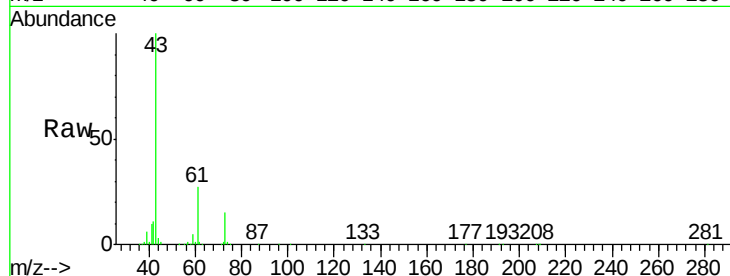
ClientSampled :

Tot Ion: 63 Resp: 1531

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.26

1000

800

600

400

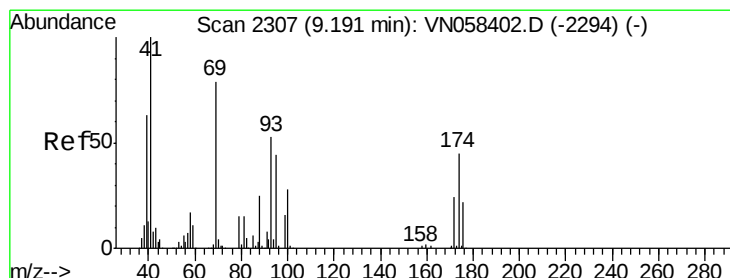
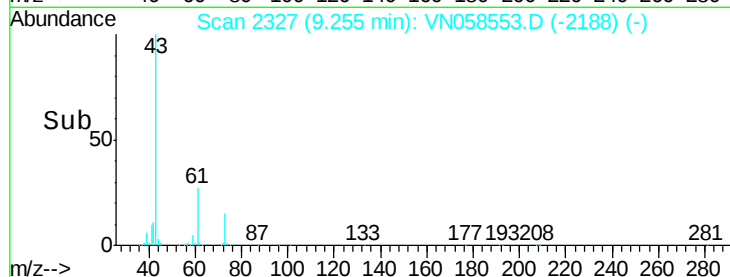
200

0

9.25

9.30

Time-->



#48

Methyl methacrylate

Concen: 1.004 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

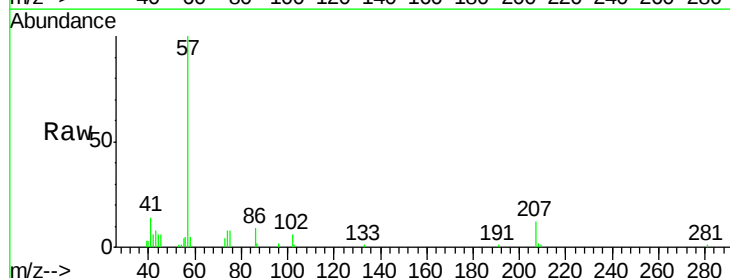
Tgt Ion: 41 Resp: 4745

Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

39 0.0 52.9 79.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

60000

40000

20000

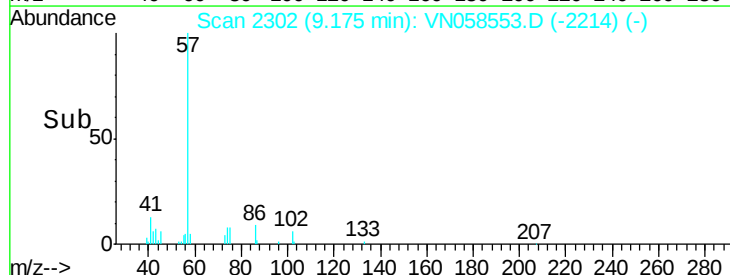
0

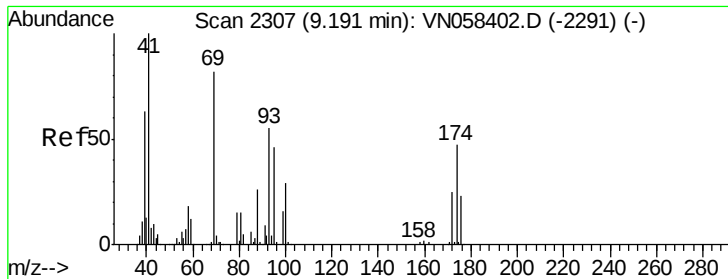
9.10

9.15

9.20

Time-->

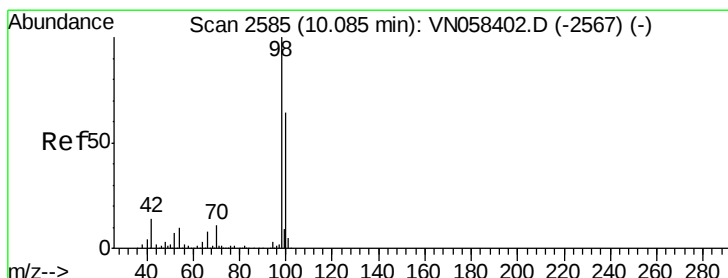
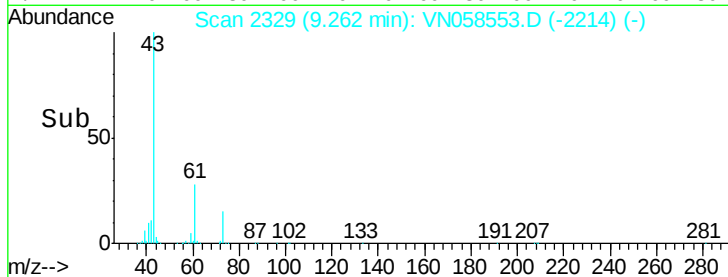
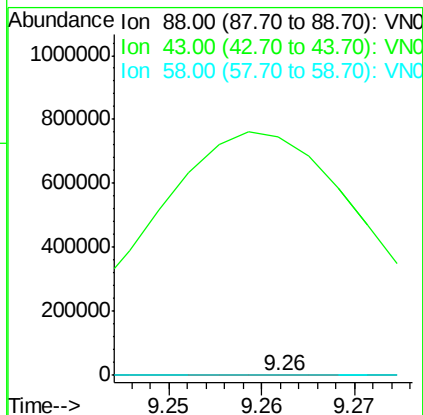
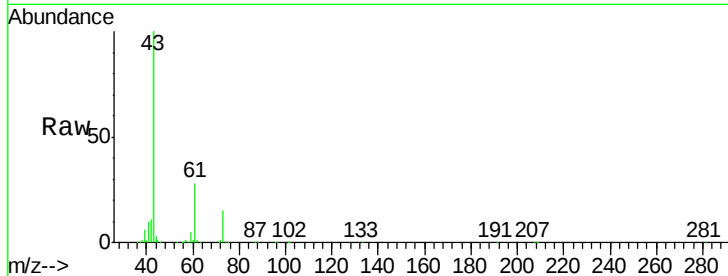




#49
1,4-Dioxane
Concen: 1.124 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

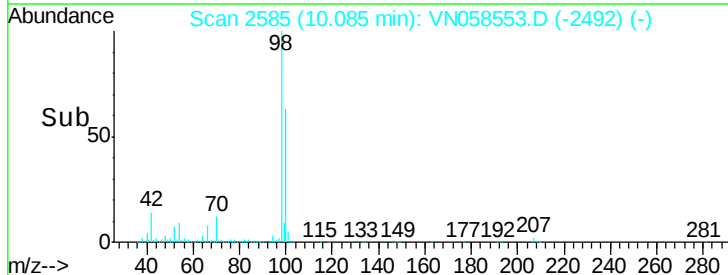
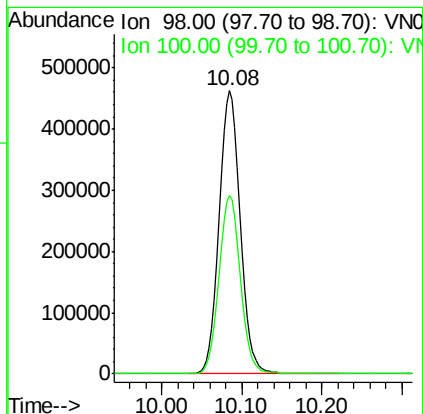
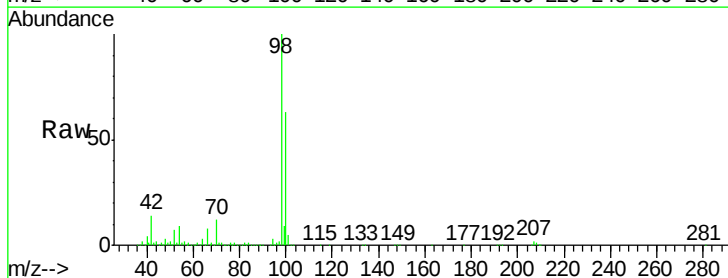
Instrument :
MSVOA_N
ClientSampleId :

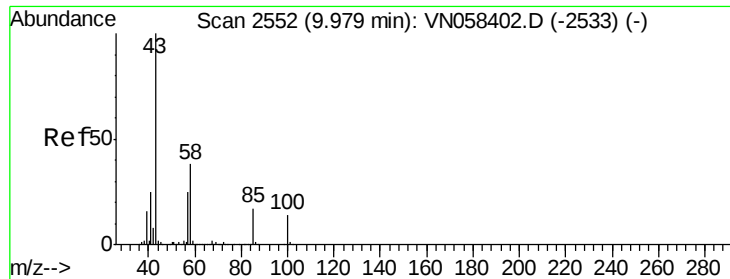
Tot Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
43 2003652.1 31.1 46.7#
58 8526.8 58.1 87.1#



#50
Toluene-d8
Concen: 52.173 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

Tgt Ion: 98 Resp: 852608
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 1.159 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

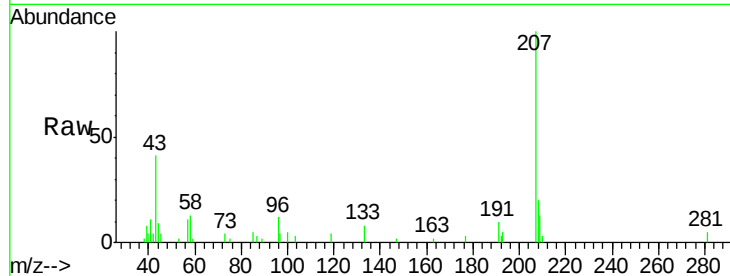
ClientSampleId :

Tot Ion: 43 Resp: 6175

Ion Ratio Lower Upper

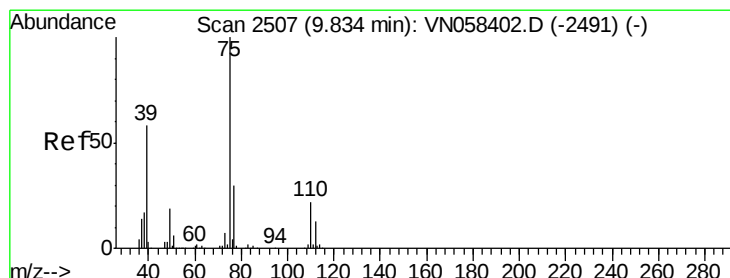
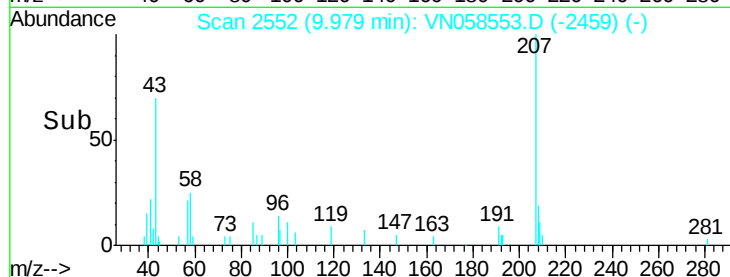
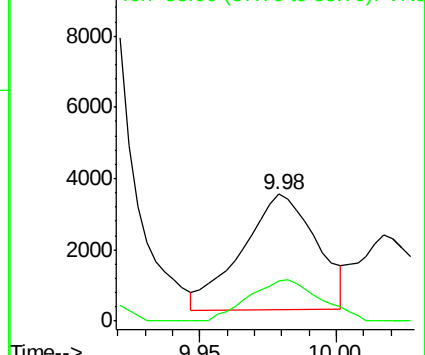
43 100

58 34.2 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: 4.778 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

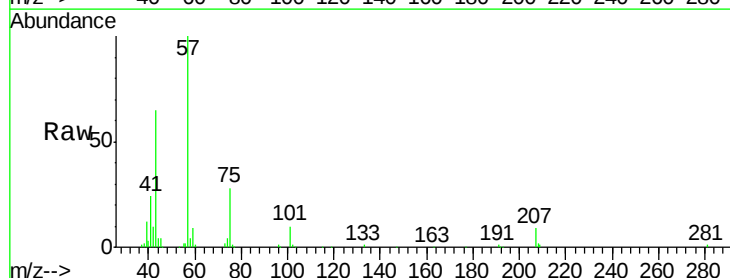
Tgt Ion: 75 Resp: 34752

Ion Ratio Lower Upper

75 100

77 1.1 24.2 36.4#

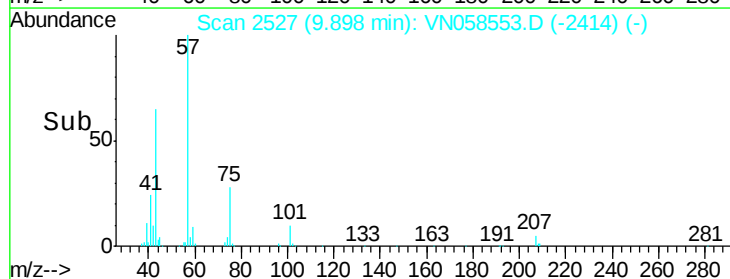
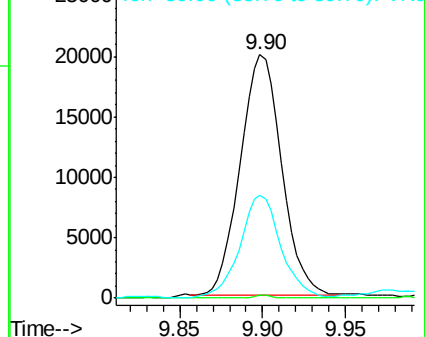
39 42.7 46.4 69.6#

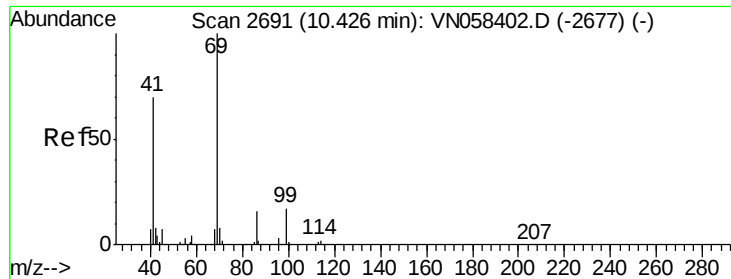


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.230 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.11 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

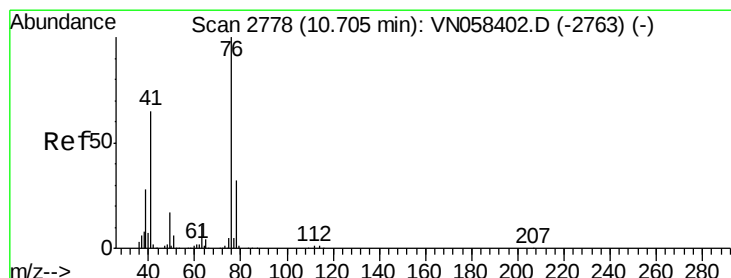
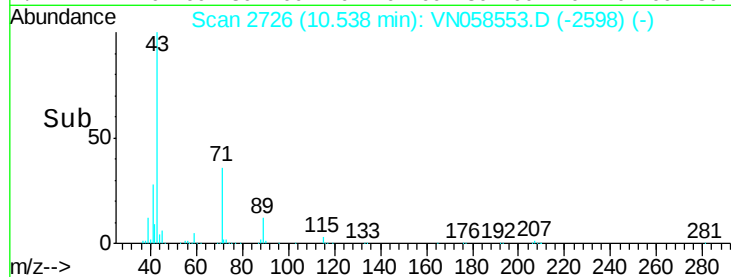
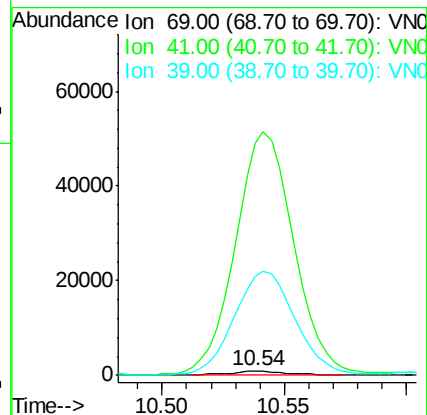
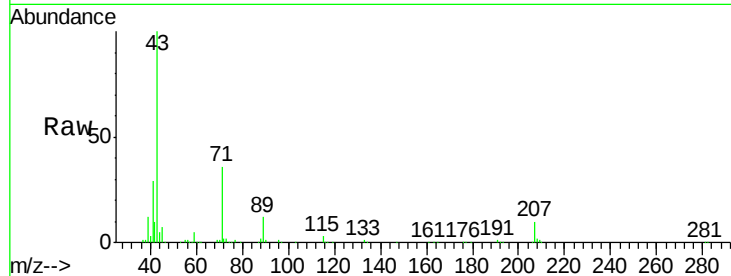
Tot Ion: 69 Resp: 1497

Ion Ratio Lower Upper

69 100

41 5713.3 56.3 84.5#

39 2569.9 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.846 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN058553.D

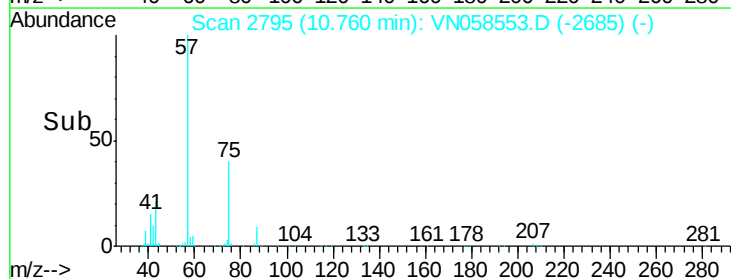
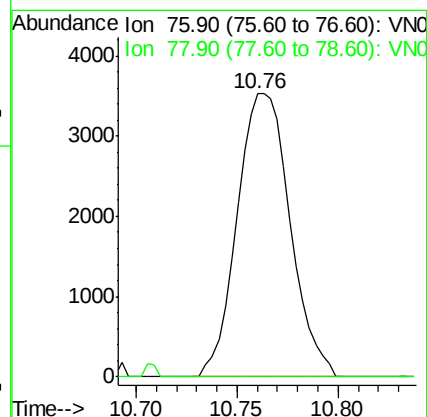
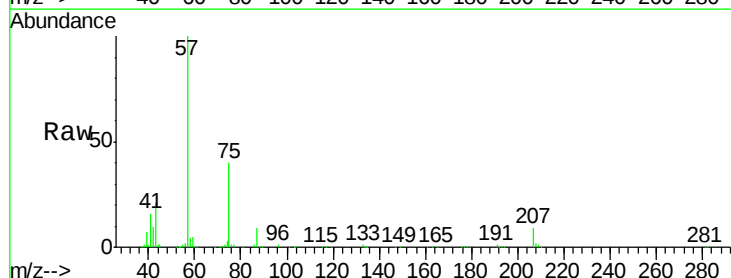
Acq: 4 Oct 2019 19:50

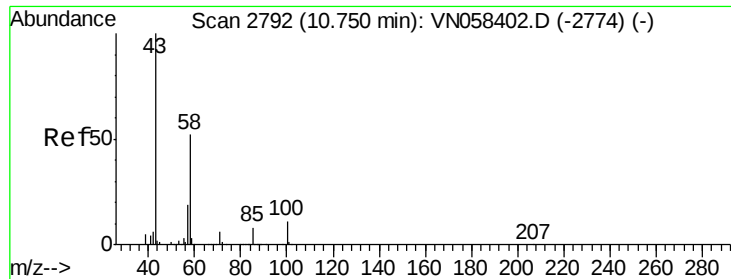
Tgt Ion: 76 Resp: 6469

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

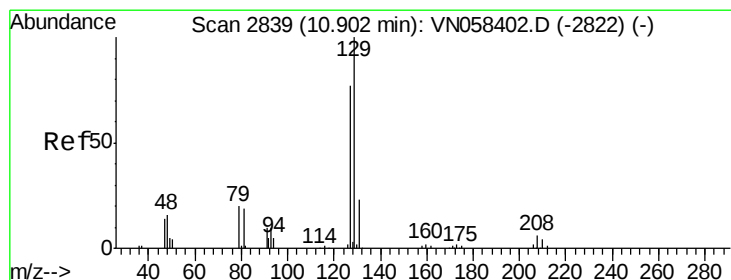
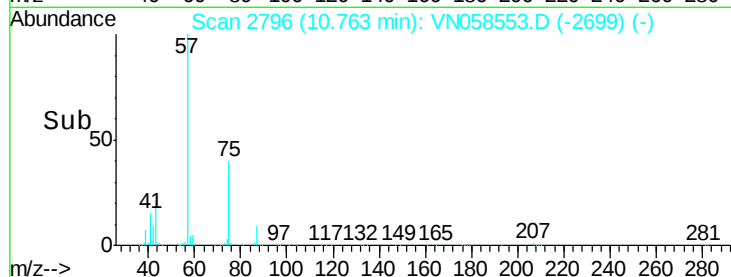
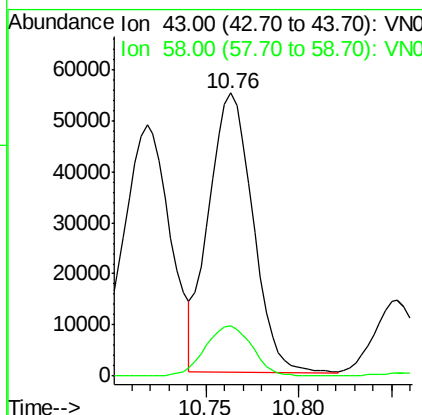
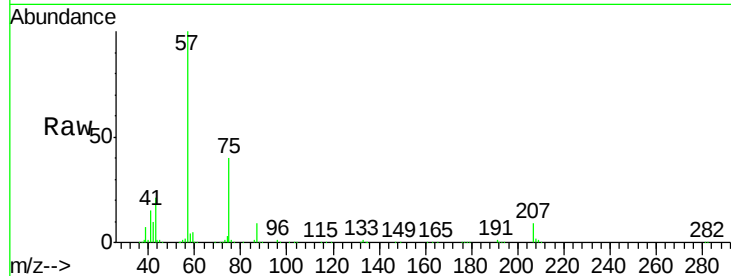




#59
2-Hexanone
Concen: 23.190 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

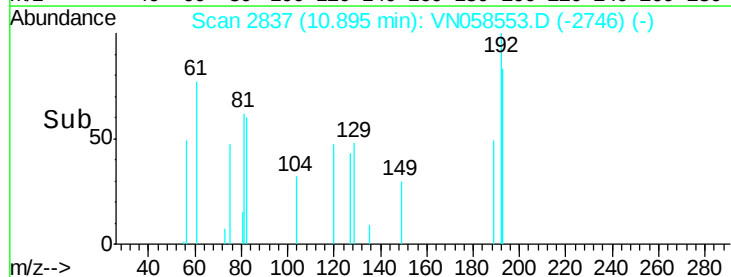
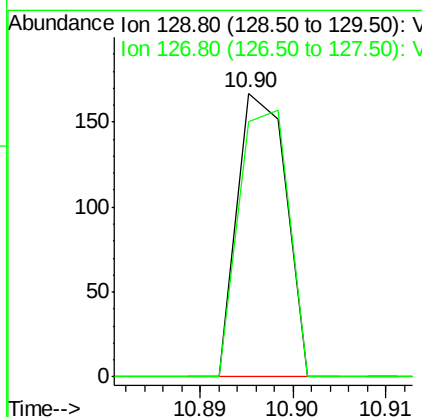
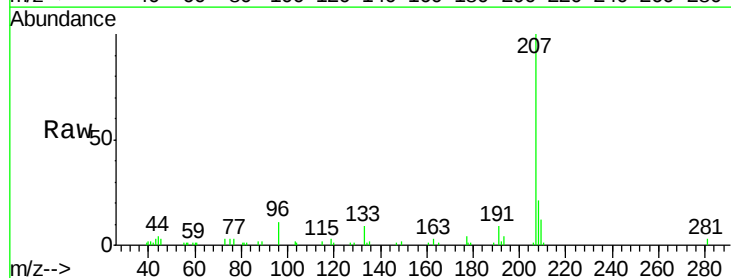
Instrument :
MSVOA_N
ClientSampled :

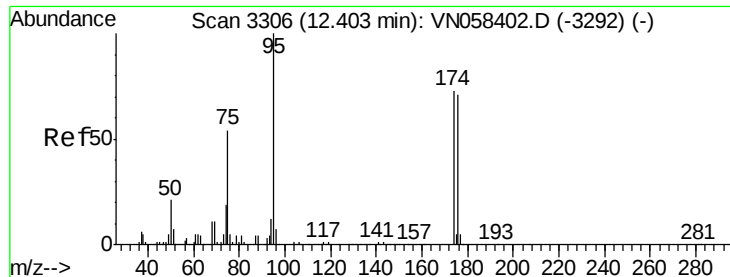
Tot Ion: 43 Resp: 89998
Ion Ratio Lower Upper
43 100
58 19.2 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.90 min Scan# 2837
Delta R.T. -0.01 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

Tgt Ion: 129 Resp: 62
Ion Ratio Lower Upper
129 100
127 95.2 38.3 114.8





#62

4-Bromofluorobenzene

Concen: 48.088 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

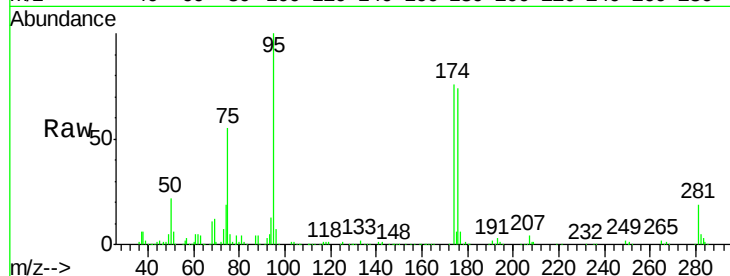
Tot Ion: 95 Resp: 284145

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

176 72.9 0.0 146.2

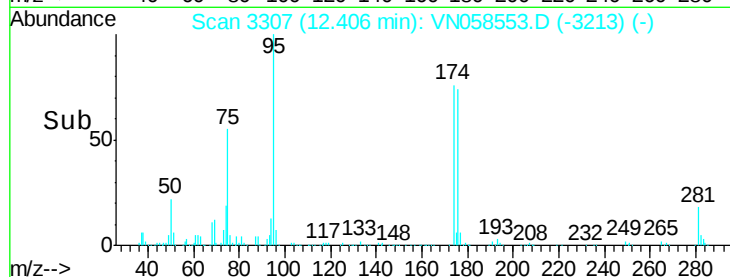


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

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

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

Time-->

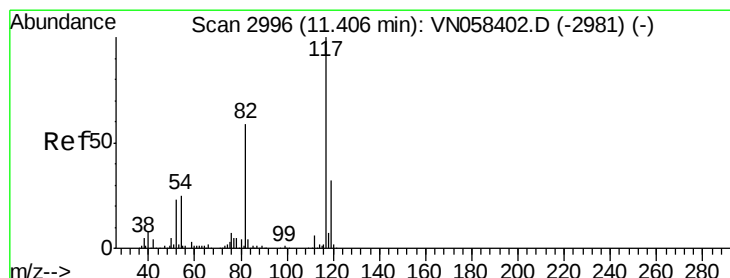


Abundance Ion 94.90 (94.60 to 95.60): VN058553.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058553.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058553.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

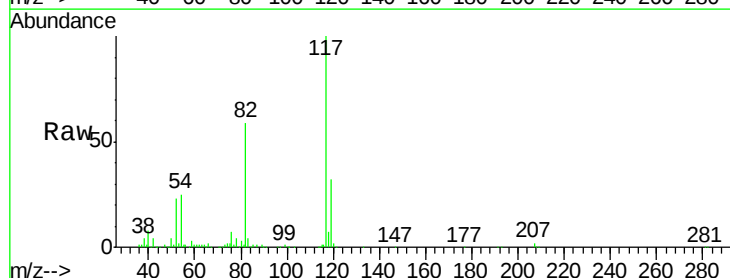
Tgt Ion: 117 Resp: 604214

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.0

119 32.2 25.5 38.3

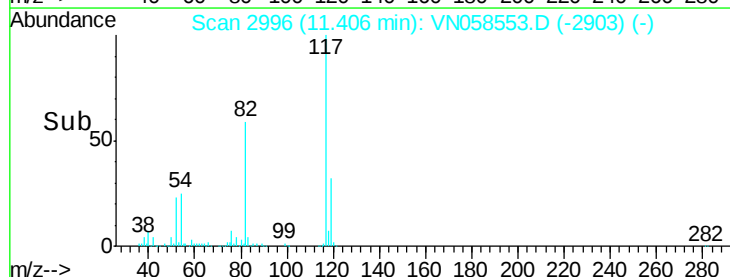


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

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

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

Time-->

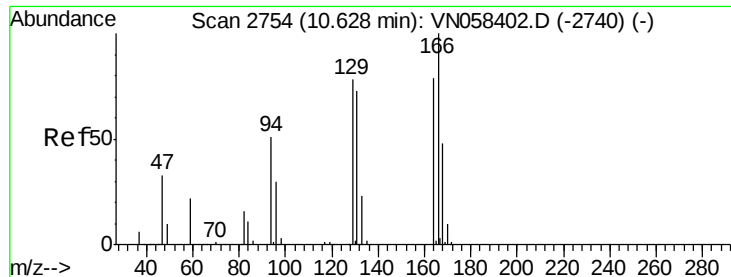


Abundance Ion 116.90 (116.60 to 117.60): VN058553.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058553.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058553.D (-2903) (-)

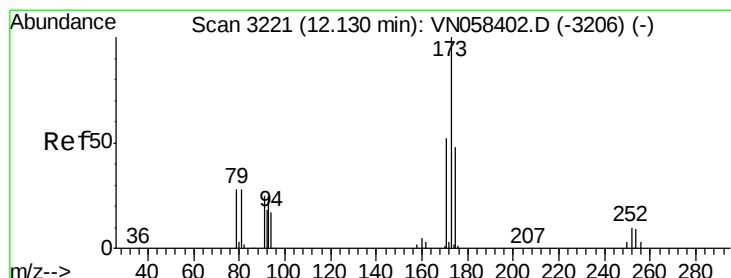
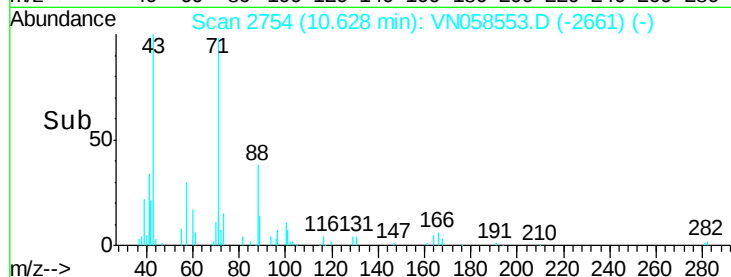
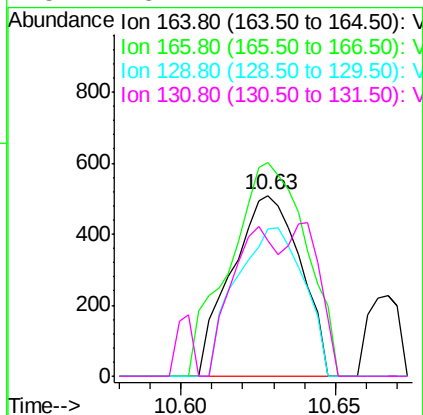
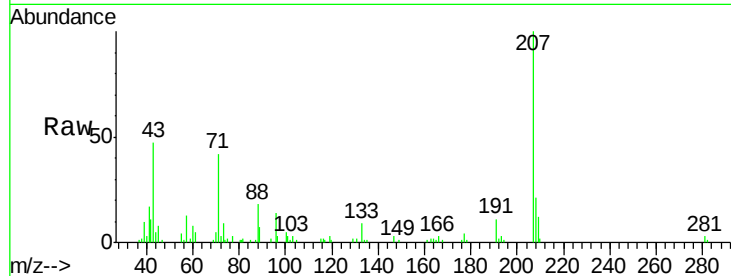
Time-->



#64
Tetrachloroethene
Concen: 0.205 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

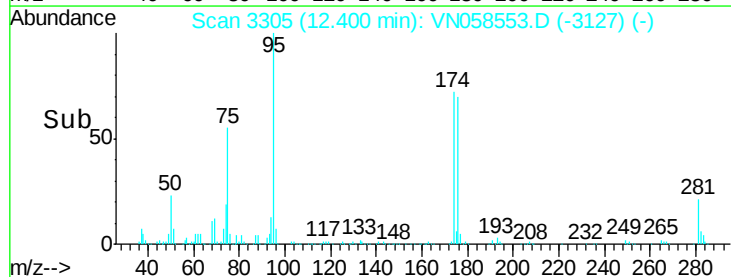
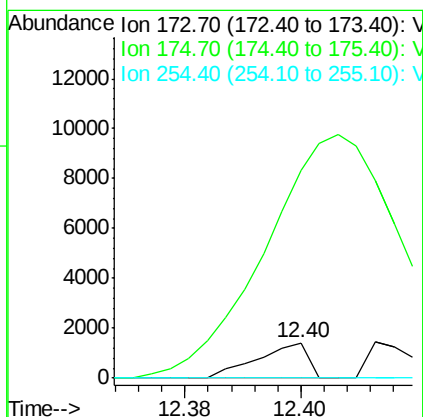
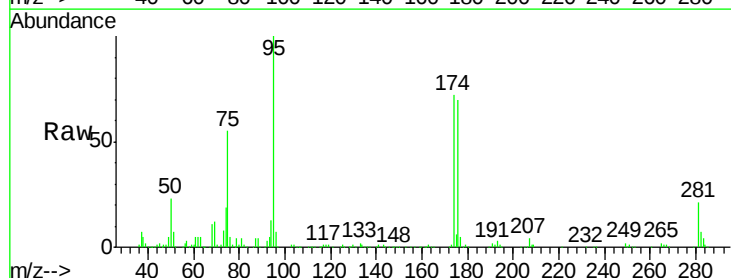
Instrument :
MSVOA_N
ClientSampleId :

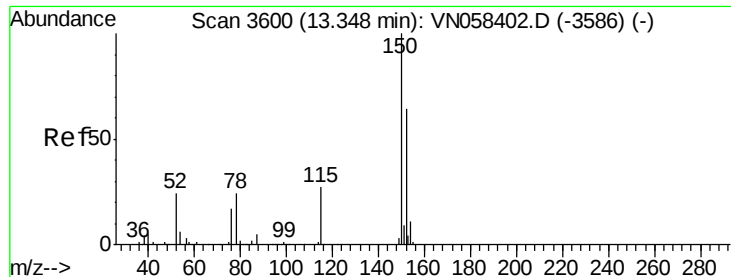
Tot Ion:164 Resp: 788
Ion Ratio Lower Upper
164 100
166 118.1 101.1 151.7
129 81.3 79.2 118.8
131 75.2 74.1 111.1



#71
Bromoform
Concen: 0.995 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN058553.D
Acq: 4 Oct 2019 19:50

Tgt Ion:173 Resp: 851
Ion Ratio Lower Upper
173 100
175 1617.4 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# 3601

Delta R.T. 0.00 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

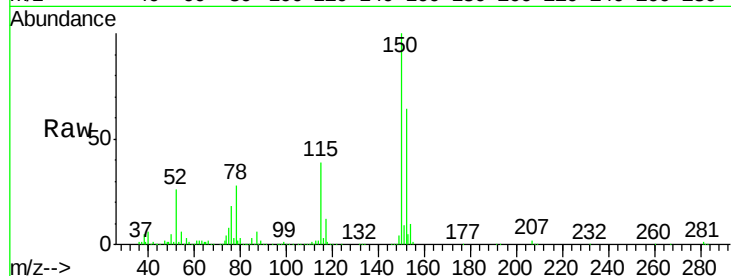
Tot Ion:152 Resp: 287223

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

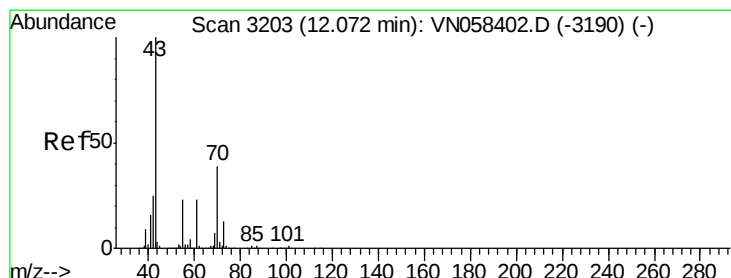
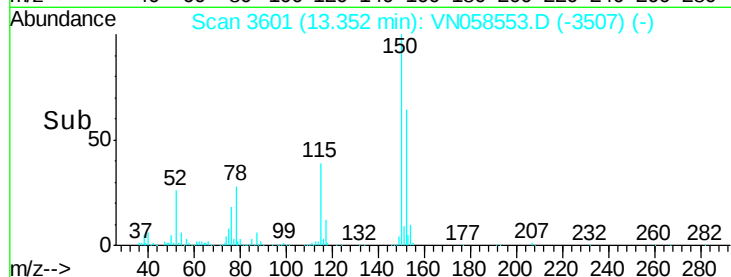
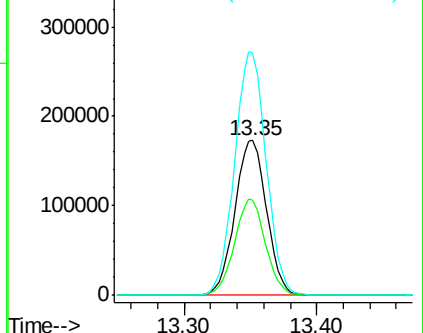
150 156.7 0.0 348.2



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: 0.722 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Tgt Ion: 43 Resp: 6095

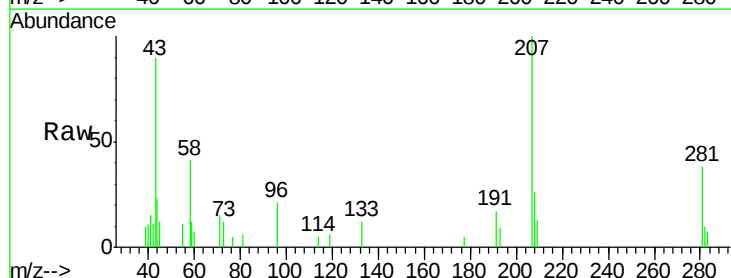
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 8.8 18.2 27.4#

61 0.0 18.3 27.5#

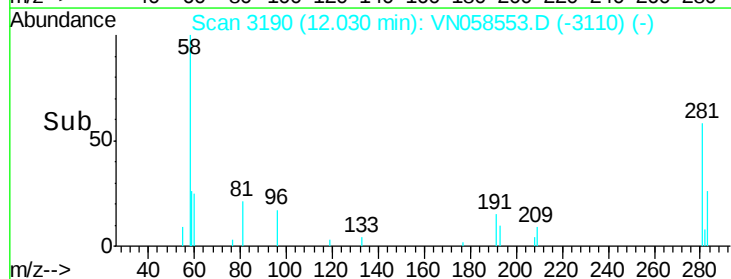
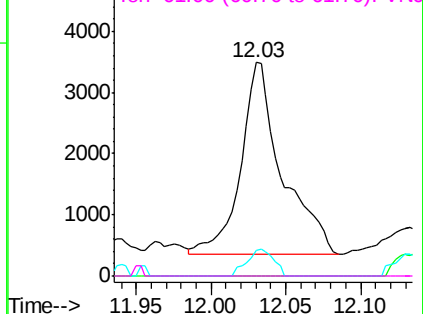


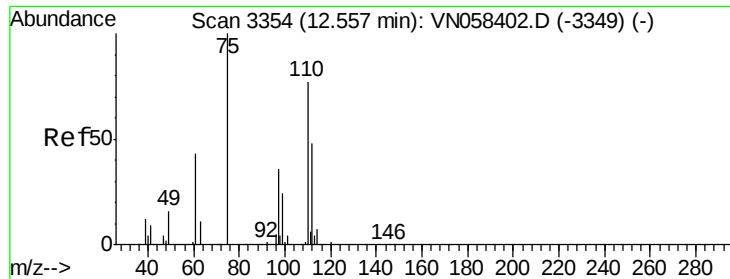
Abundance Ion 43.00 (42.70 to 43.70): VNO

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

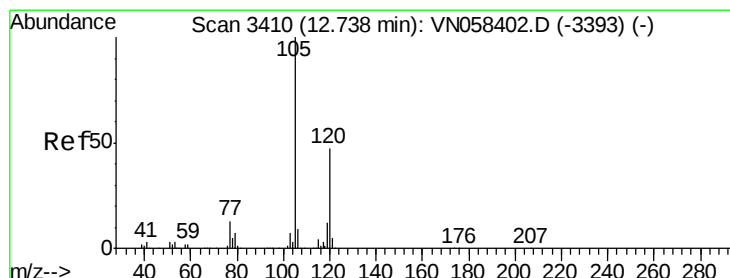
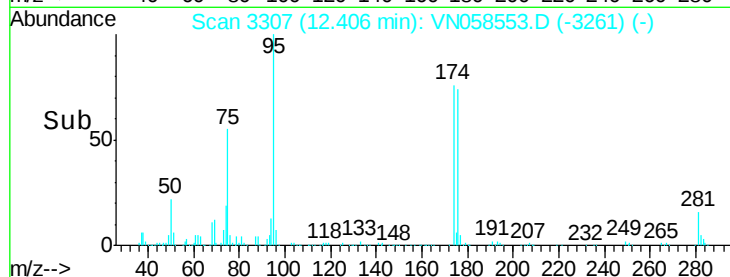
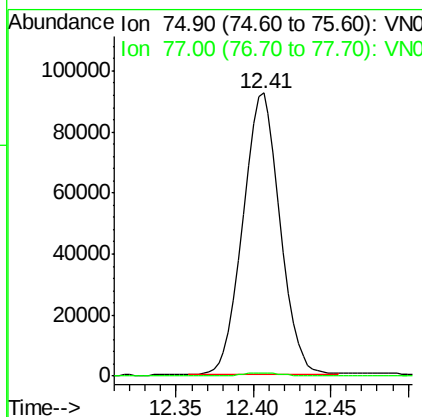
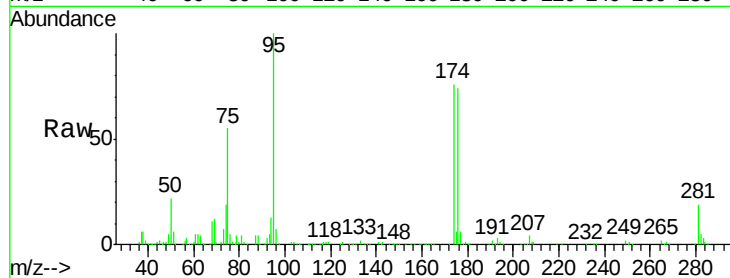




#76
 1,2,3-Trichloropropane
 Concen: 29.409 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058553.D
 Acq: 4 Oct 2019 19:50

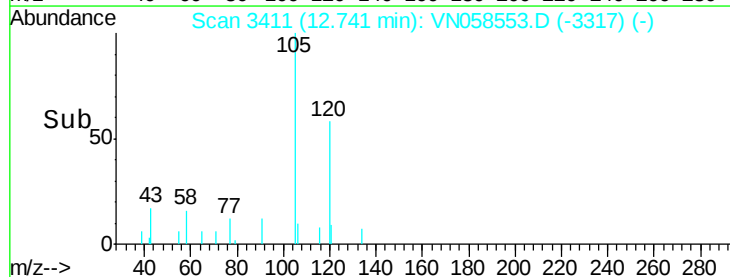
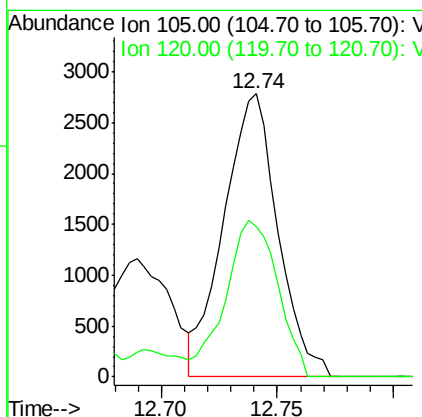
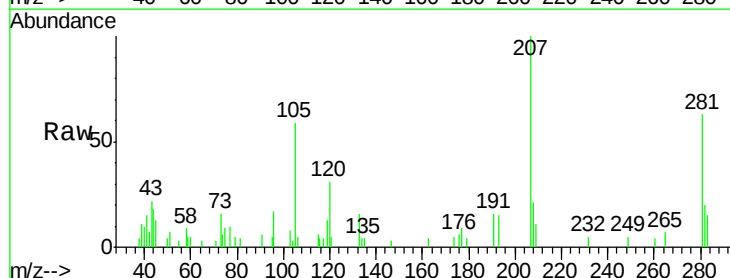
Instrument :
 MSVOA_N
 ClientSampleId :

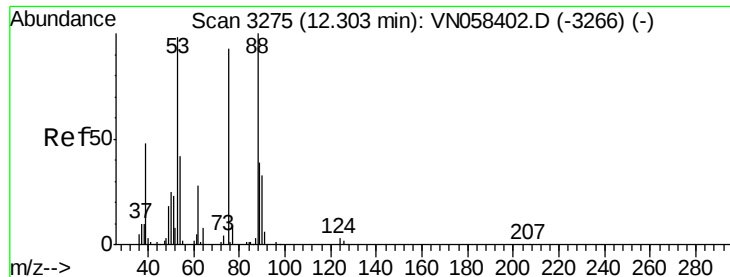
Tot Ion: 75 Resp: 154282
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.254 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058553.D
 Acq: 4 Oct 2019 19:50

Tgt Ion: 105 Resp: 4516
 Ion Ratio Lower Upper
 105 100
 120 53.3 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 89.318 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

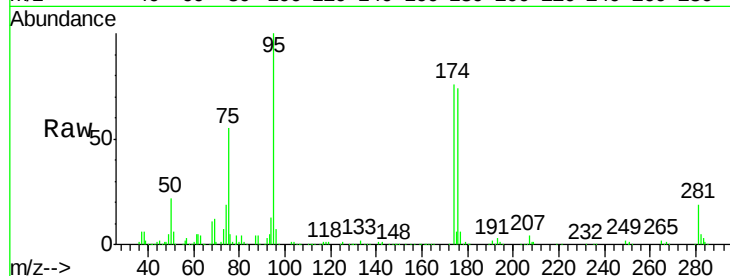
Tot Ion: 75 Resp: 154282

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

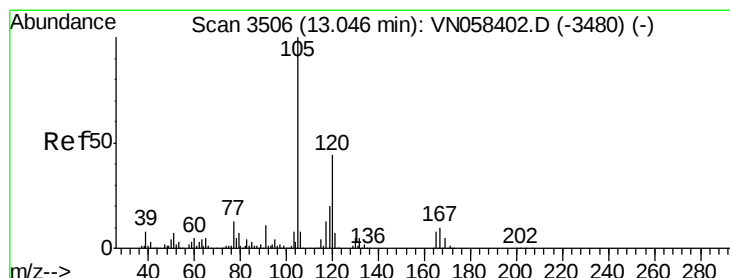
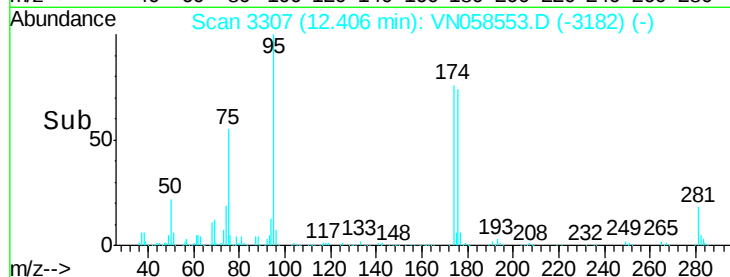
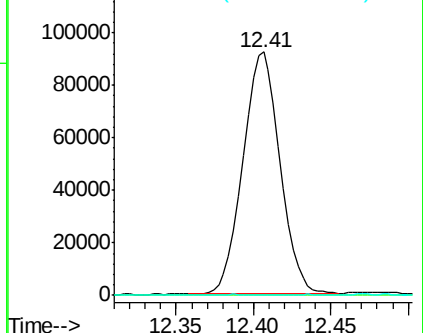
89 0.1 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058553.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058553.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058553.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.574 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058553.D

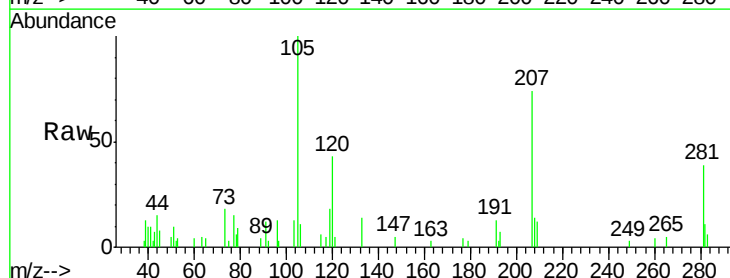
Acq: 4 Oct 2019 19:50

Tgt Ion: 105 Resp: 10211

Ion Ratio Lower Upper

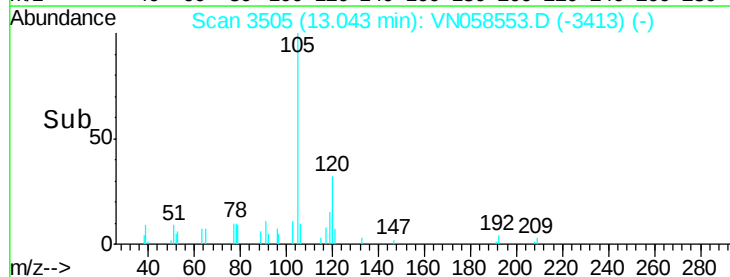
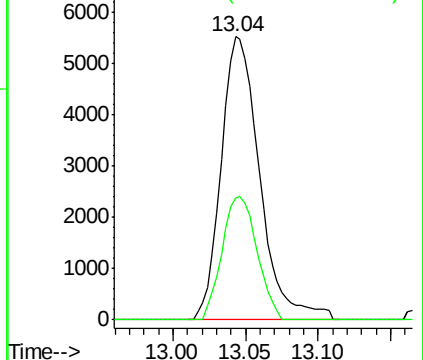
105 100

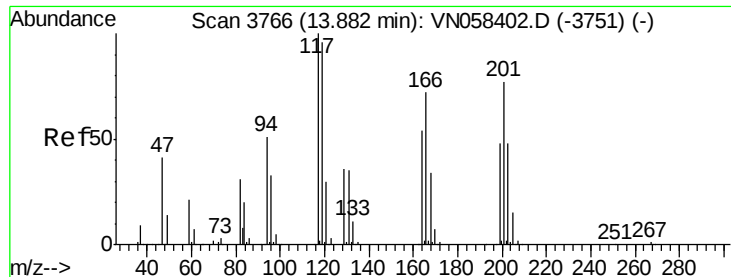
120 39.2 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): VN058553.D (-3413) (-)

Ion 120.00 (119.70 to 120.70): VN058553.D (-3413) (-)





#90

Hexachloroethane

Concen: 0.278 ug/l

RT: 13.90 min Scan# 3772

Delta R.T. 0.02 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

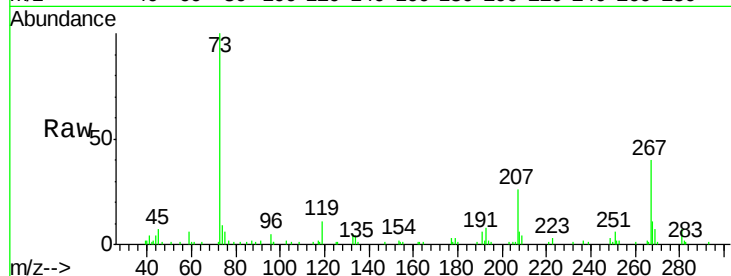
ClientSampled :

Tot Ion:117 Resp: 726

Ion Ratio Lower Upper

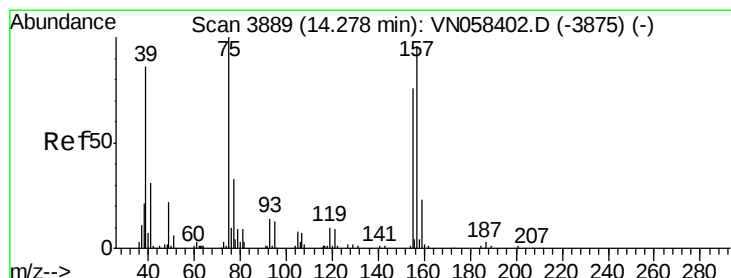
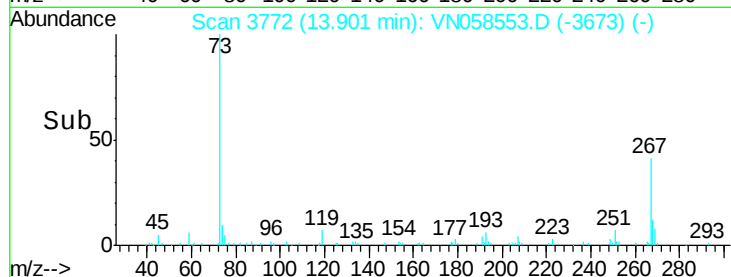
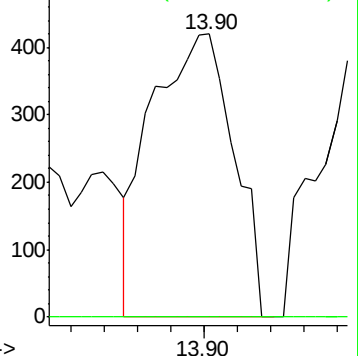
117 100

201 0.0 38.6 116.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.244 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.01 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

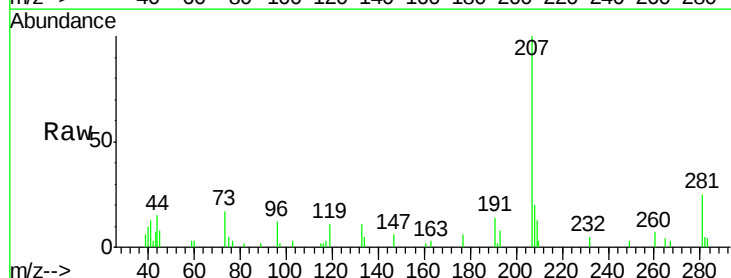
Tgt Ion: 75 Resp: 270

Ion Ratio Lower Upper

75 100

155 0.0 39.2 117.6#

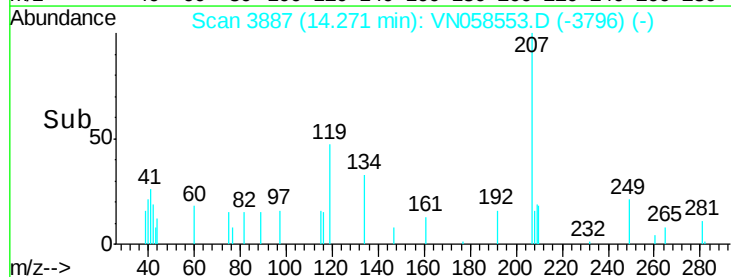
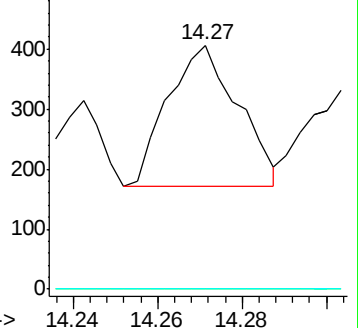
157 0.0 48.7 146.1#

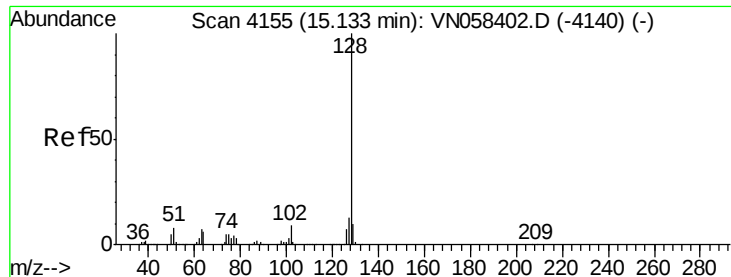


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.045 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058553.D

Acq: 4 Oct 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

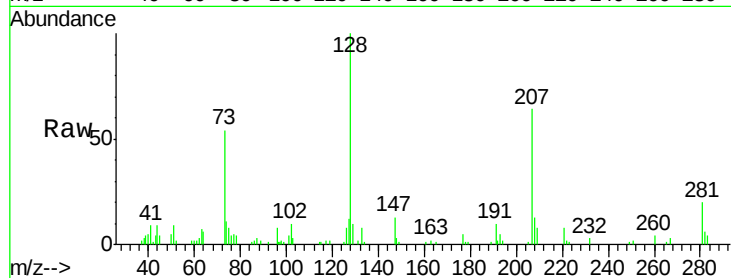
Tot Ion:128 Resp: 29094

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 10.2 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

