

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058381.D
 Acq On : 26 Sep 2019 13:29
 Operator : JC/SP
 Sample : K5039-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40246

Quant Time: Sep 27 02:34:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	465567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	780875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	680539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	350010	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
35) Dibromofluoromethane	7.57	113	244592	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.08	98	990073	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.41	95	324719	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

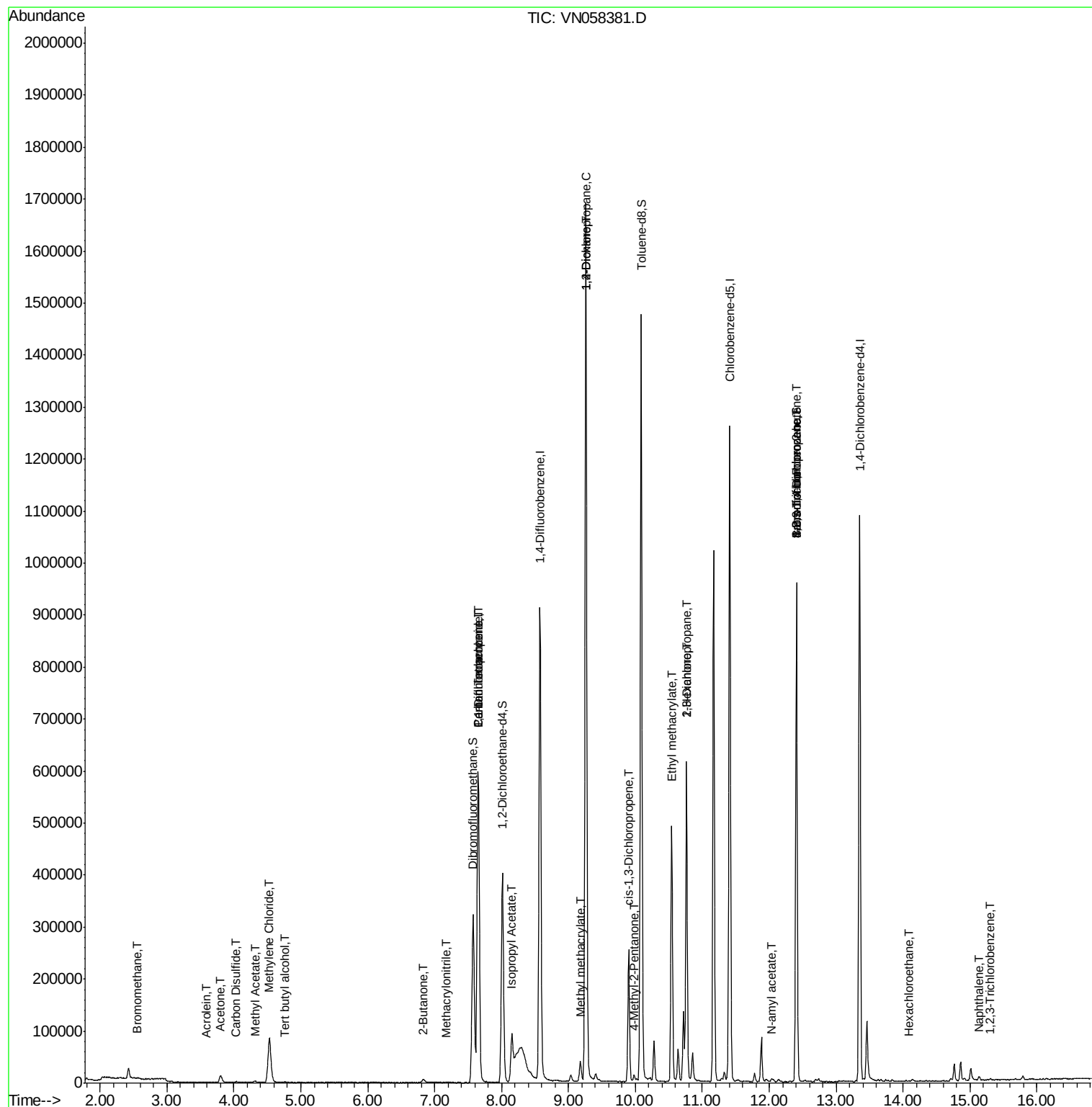
					Qvalue	
3) Chloromethane	2.04	50	523	Below Cal	#	42
5) Bromomethane	2.56	94	523	1.025	ug/l	81
6) Chloroethane	2.68	64	161	Below Cal	#	44
11) Tert butyl alcohol	4.75	59	876	1.136	ug/l #	71
13) Acrolein	3.59	56	30	0.262	ug/l #	15
16) Acetone	3.80	43	23074	10.483	ug/l	96
17) Carbon Disulfide	4.04	76	652	0.432	ug/l #	74
18) Methyl Acetate	4.32	43	4674	0.807	ug/l #	69
20) Methylene Chloride	4.53	84	64446	16.575	ug/l	96
25) 2-Butanone	6.83	43	11817	3.941	ug/l	94
31) Cyclohexane	7.65	56	11459	Below Cal	#	1
36) 1,1-Dichloropropene	7.65	75	40084	7.118	ug/l #	50
38) Carbon Tetrachloride	7.65	117	48890	8.637	ug/l #	15
41) Methacrylonitrile	7.17	41	95	0.943	ug/l #	100
43) Isopropyl Acetate	8.15	43	127107	11.646	ug/l #	86
45) 1,2-Dichloropropane	9.26	63	2070	0.403	ug/l #	45
48) Methyl methacrylate	9.17	41	6776	1.367	ug/l #	14
49) 1,4-Dioxane	9.25	88	127	1.561	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8483	1.463	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	41726	5.639	ug/l #	71
56) Ethyl methacrylate	10.54	69	1848	0.268	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5909	0.719	ug/l #	43
59) 2-Hexanone	10.76	43	93060	21.614	ug/l #	53
71) Bromoform	12.41	173	2261	4.247	ug/l #	1
74) N-amyl acetate	12.03	43	5626	0.776	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	177740	35.888	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	177740	100.245	ug/l #	5
90) Hexachloroethane	14.09	117	29	2.833	ug/l #	12
95) Naphthalene	15.14	128	5674	0.429	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	1011	0.210	ug/l	88

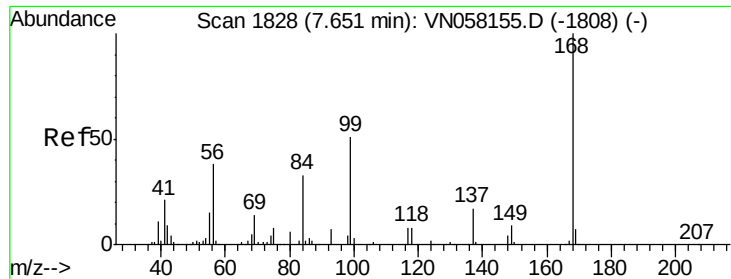
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

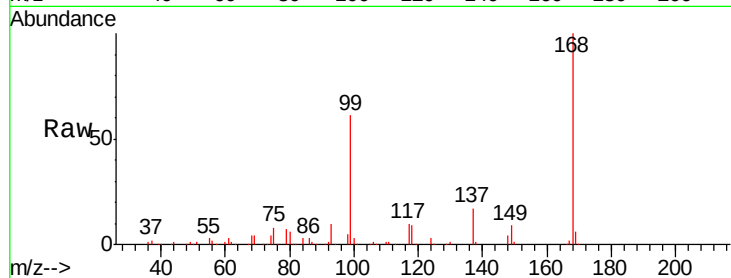
40246

Tgt Ion: 168 Resp: 465567

Ion Ratio Lower Upper

168 100

99 60.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.65

200000

150000

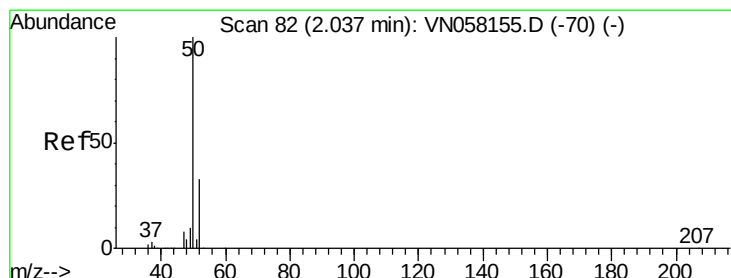
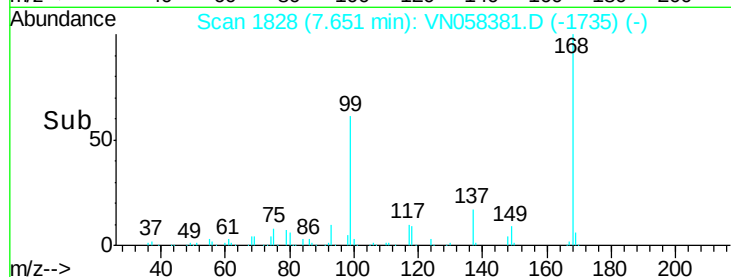
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058381.D

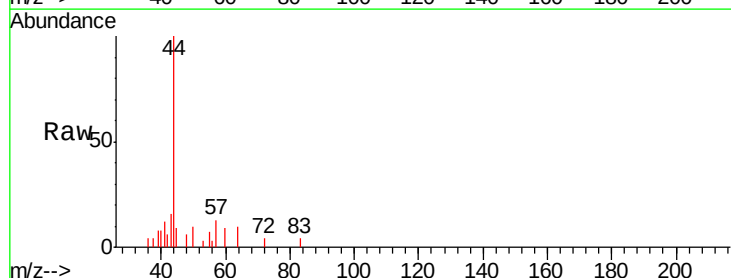
Acq: 26 Sep 2019 13:29

Tgt Ion: 50 Resp: 523

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN058155.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058155.D (-70) (-)

2.04

600

500

400

300

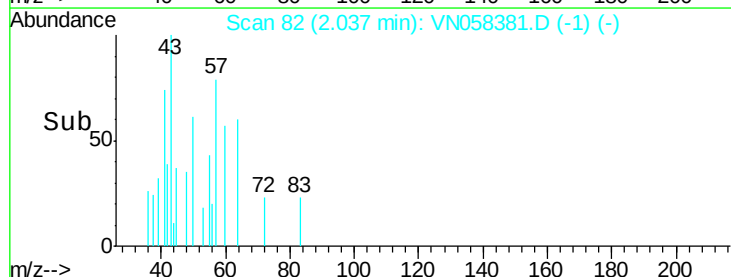
200

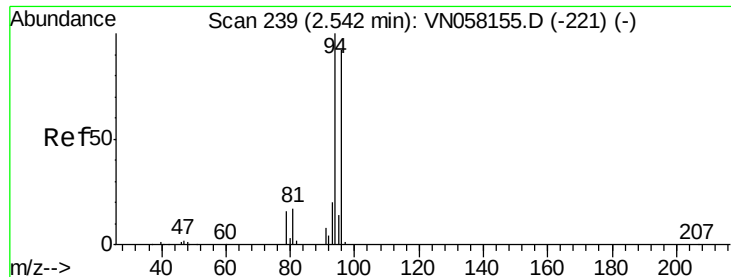
100

0

2.02 2.04 2.06

Time-->





#5

Bromomethane

Concen: 1.025 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.02 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

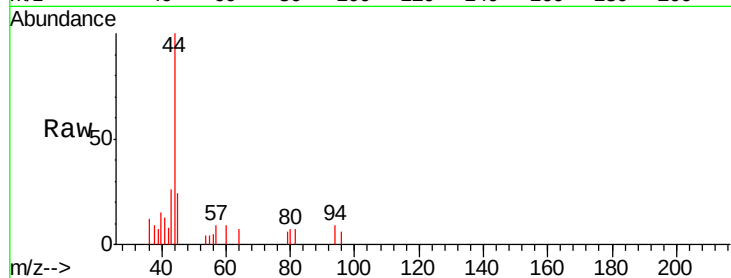
40246

Tgt Ion: 94 Resp: 523

Ion Ratio Lower Upper

94 100

96 73.4 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

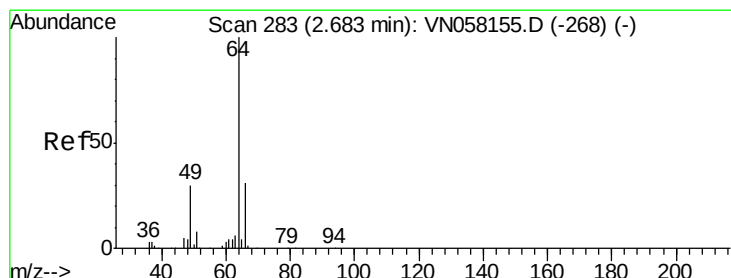
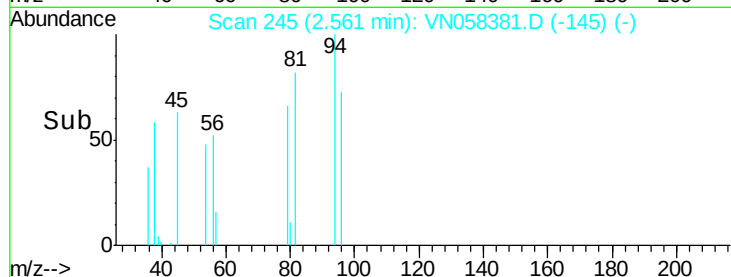
300

200

100

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058381.D

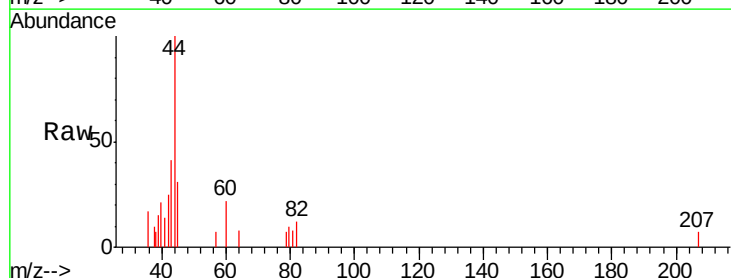
Acq: 26 Sep 2019 13:29

Tgt Ion: 64 Resp: 161

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

300

250

200

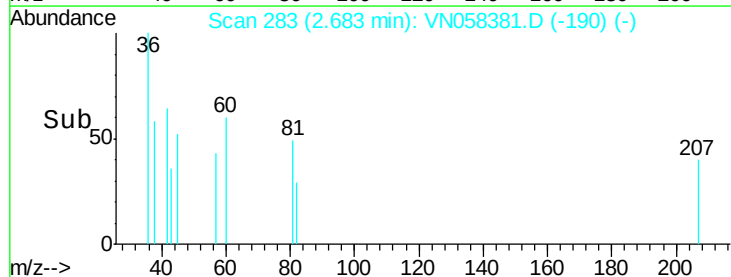
150

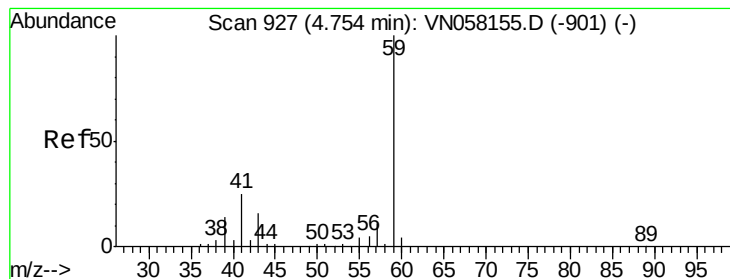
100

50

0

Time-->



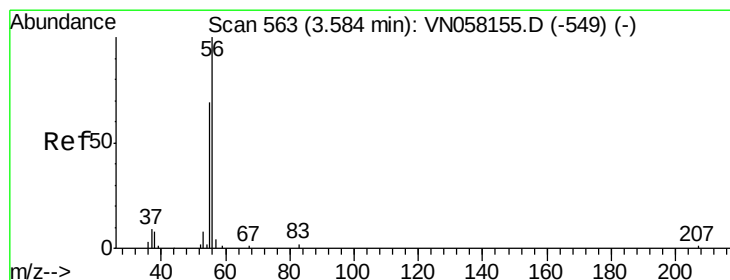
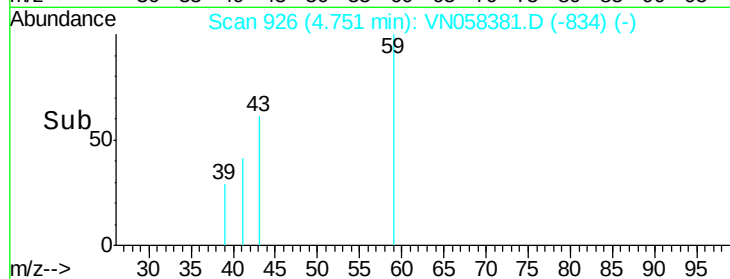
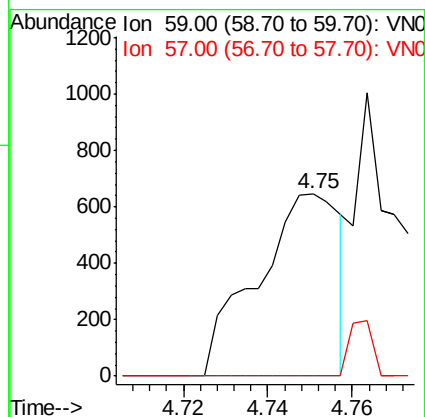
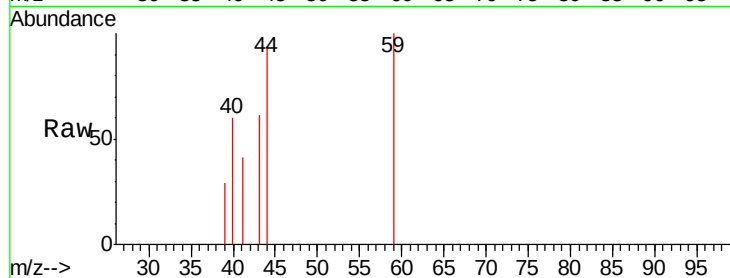


#11

Tert butyl alcohol
 Concen: 1.136 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN058381.D
 Acq: 26 Sep 2019 13:29

Instrument :
 MSVOA_N
 ClientSampled :
 40246

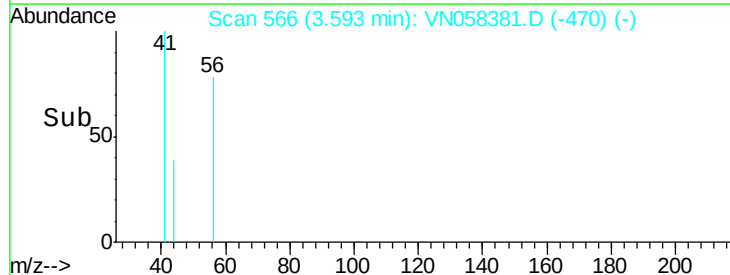
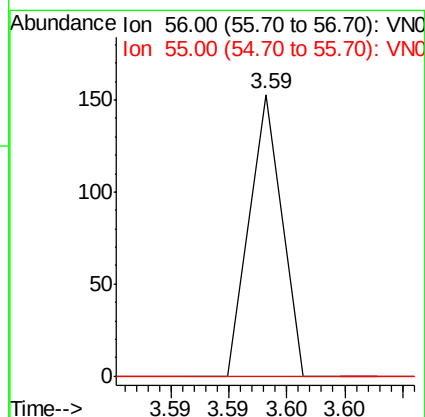
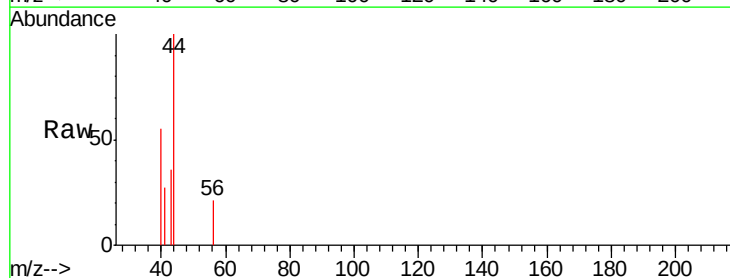
Tgt Ion: 59 Resp: 876
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

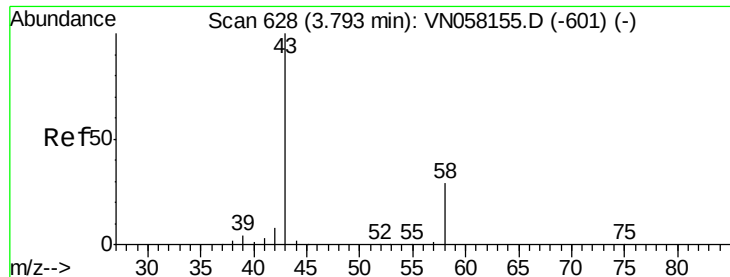


#13

Acrolein
 Concen: 0.262 ug/l
 RT: 3.59 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VN058381.D
 Acq: 26 Sep 2019 13:29

Tgt Ion: 56 Resp: 30
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.1 84.1#





#16

Acetone

Concen: 10.483 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

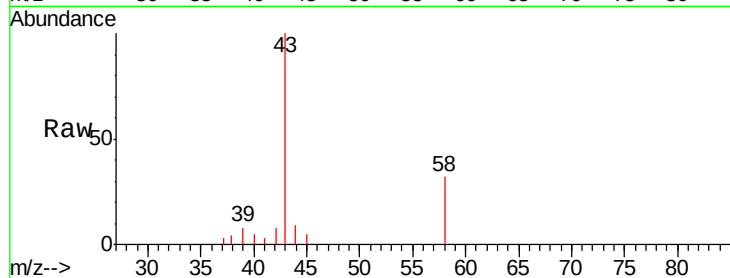
40246

Tgt Ion: 43 Resp: 23074

Ion Ratio Lower Upper

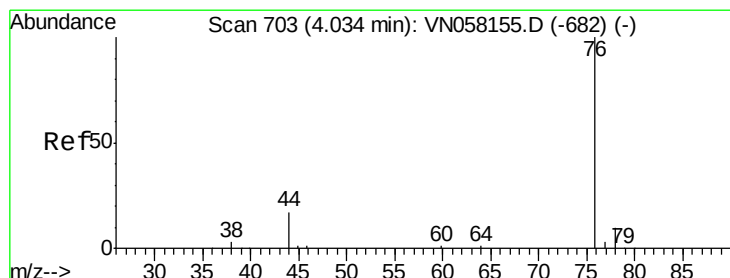
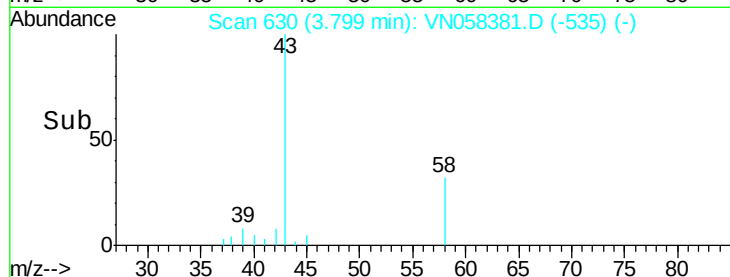
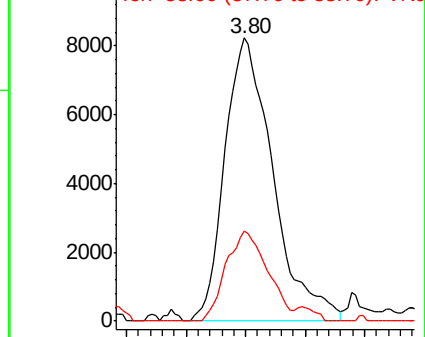
43 100

58 31.7 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.432 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VN058381.D

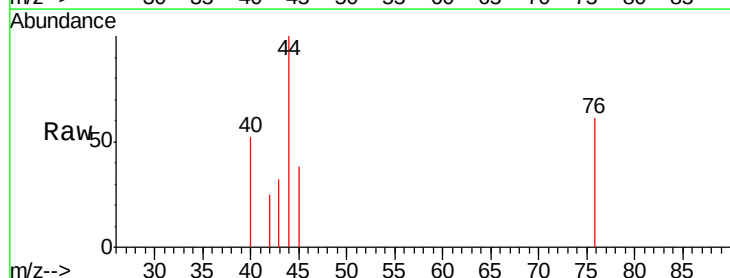
Acq: 26 Sep 2019 13:29

Tgt Ion: 76 Resp: 652

Ion Ratio Lower Upper

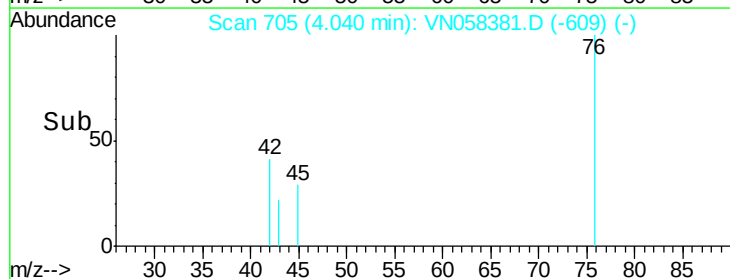
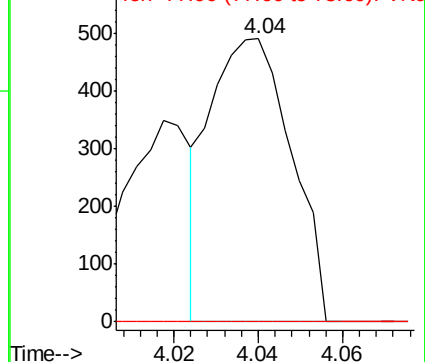
76 100

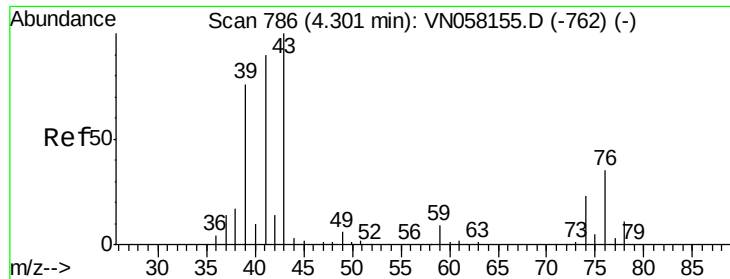
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

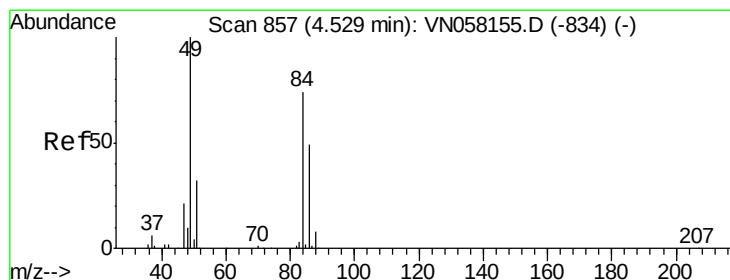
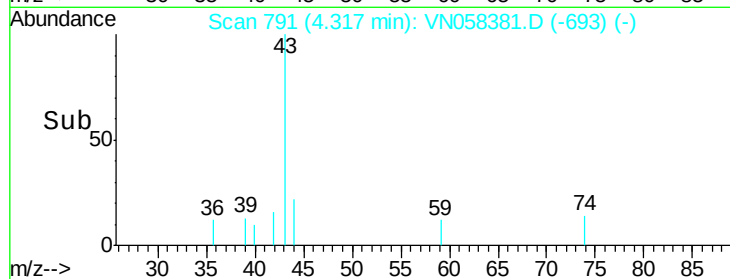
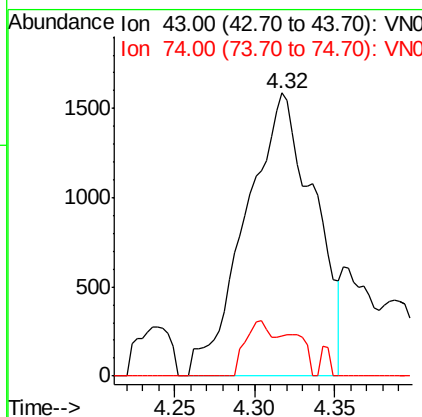
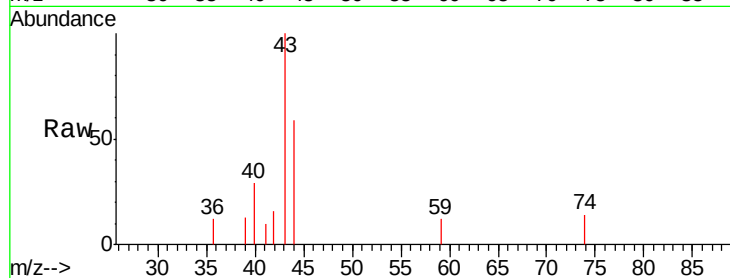




#18
Methyl Acetate
Concen: 0.807 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.02 min
Lab File: VN058381.D
Acq: 26 Sep 2019 13:29

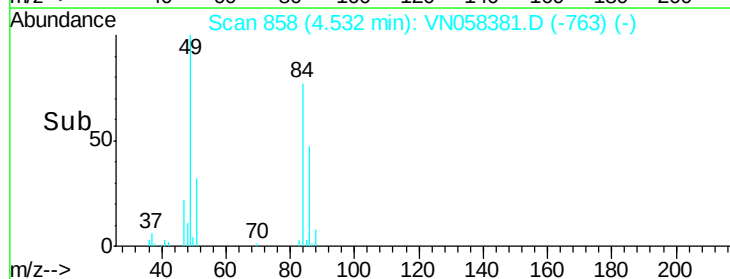
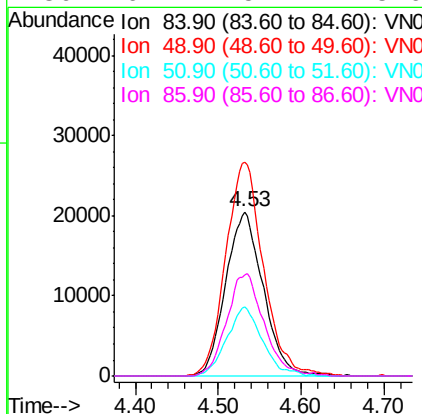
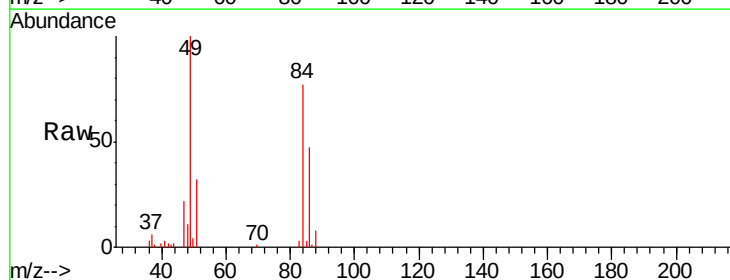
Instrument :
MSVOA_N
ClientSampled :
40246

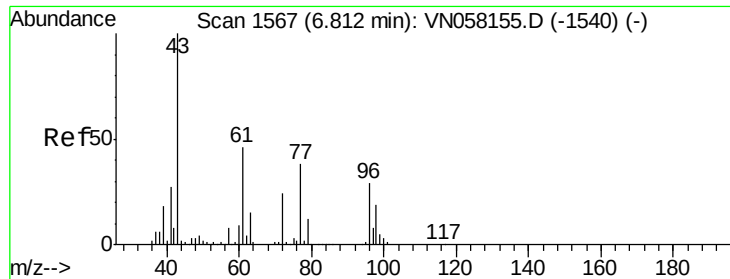
Tgt Ion: 43 Resp: 4674
Ion Ratio Lower Upper
43 100
74 7.8 18.0 27.0#



#20
Methylene Chloride
Concen: 16.575 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058381.D
Acq: 26 Sep 2019 13:29

Tgt Ion: 84 Resp: 64446
Ion Ratio Lower Upper
84 100
49 129.2 107.5 161.3
51 41.8 33.9 50.9
86 61.2 52.4 78.6





#25

2-Butanone

Concen: 3.941 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

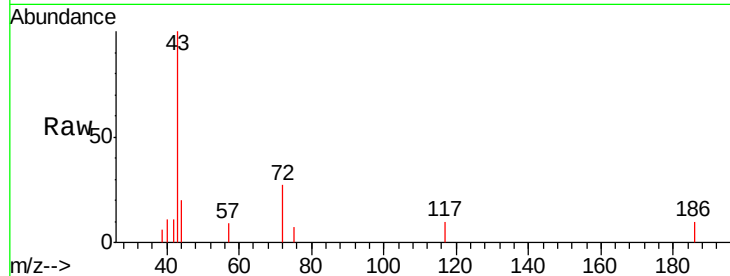
40246

Tgt Ion: 43 Resp: 11817

Ion Ratio Lower Upper

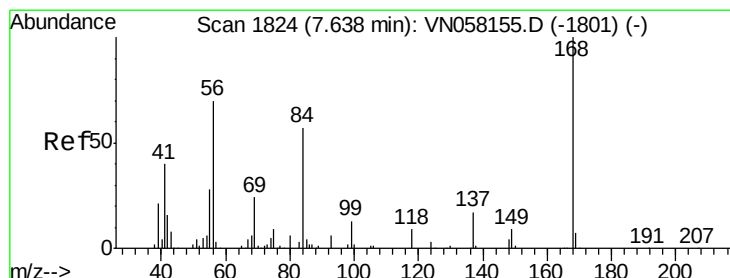
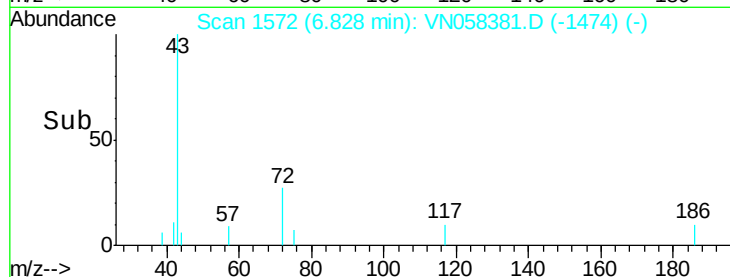
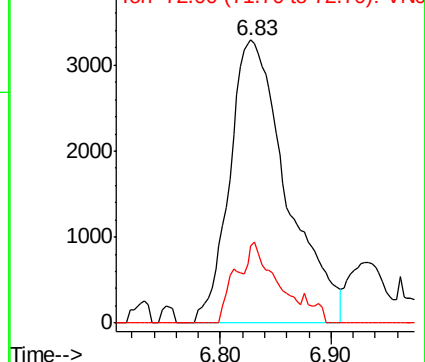
43 100

72 27.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

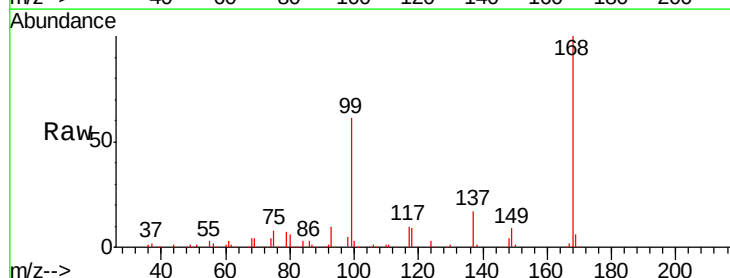
Tgt Ion: 56 Resp: 11459

Ion Ratio Lower Upper

56 100

69 177.2 27.3 40.9#

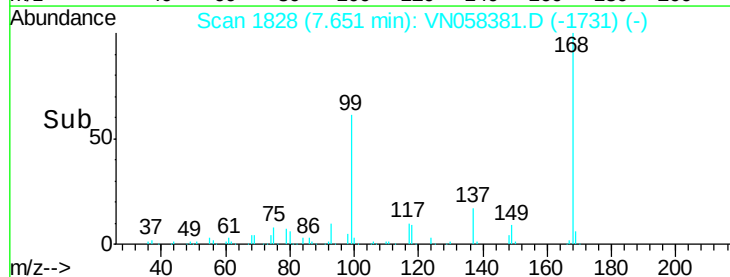
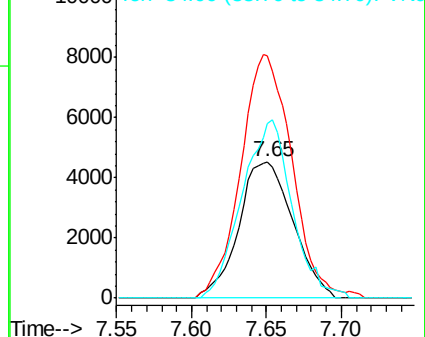
84 128.0 65.0 97.4#

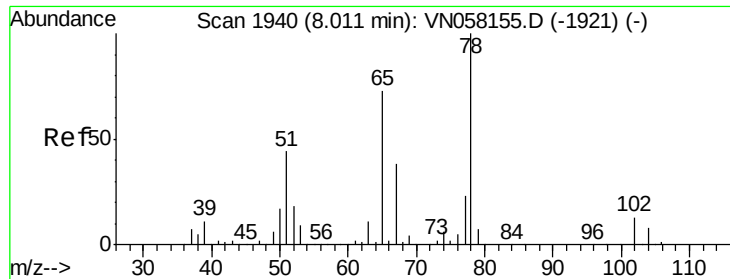


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

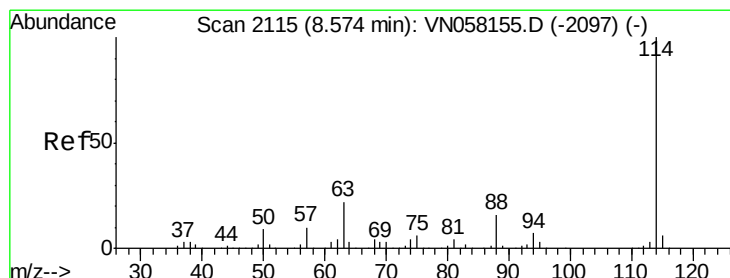
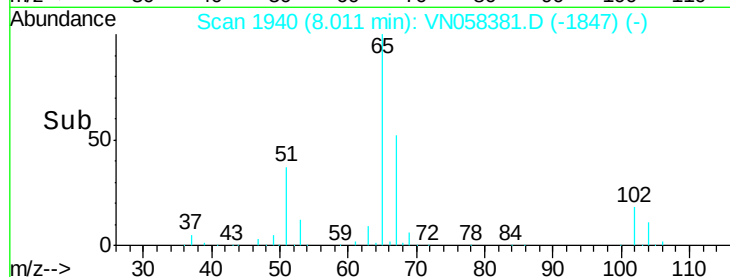
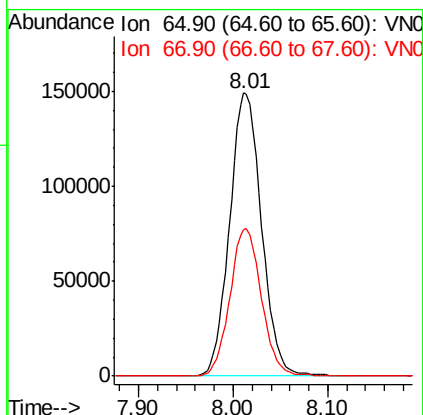
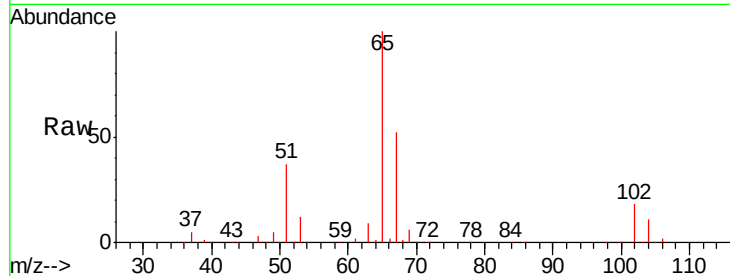




#33
 1,2-Dichloroethane-d4
 Concen: 53.977 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058381.D
 Acq: 26 Sep 2019 13:29

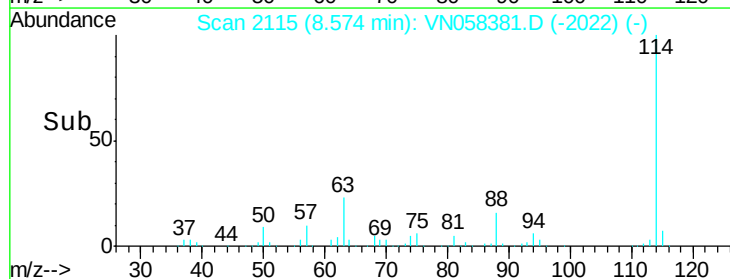
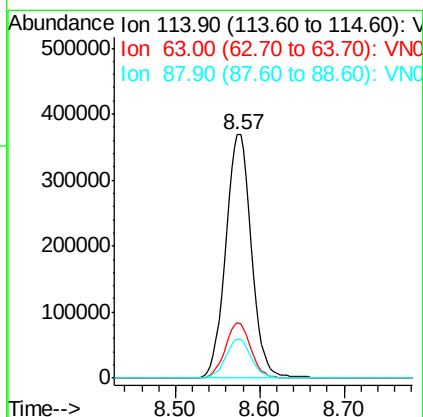
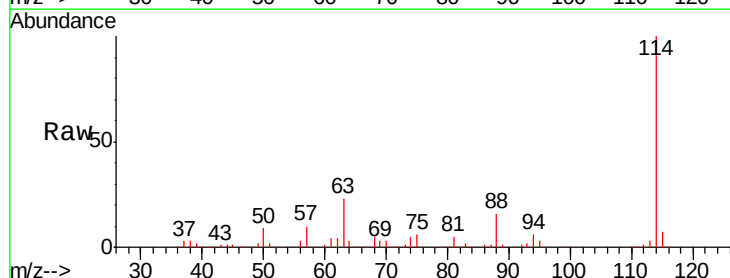
Instrument :
 MSVOA_N
 ClientSampled :
 40246

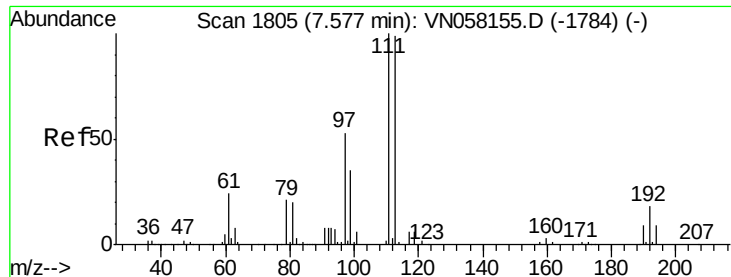
Tgt Ion: 65 Resp: 350010
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058381.D
 Acq: 26 Sep 2019 13:29

Tgt Ion: 114 Resp: 780875
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 16.0 0.0 31.6

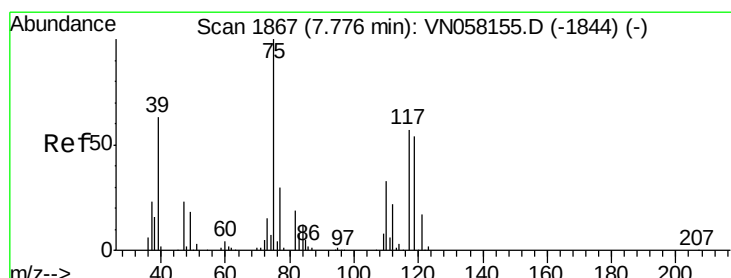
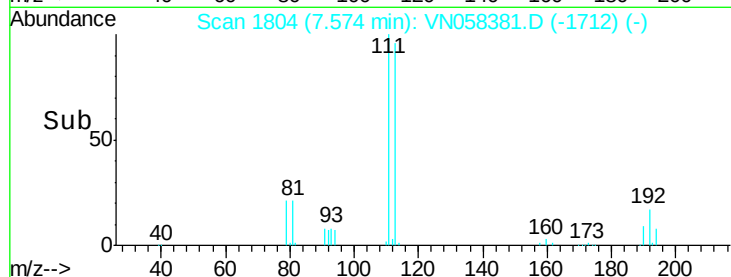
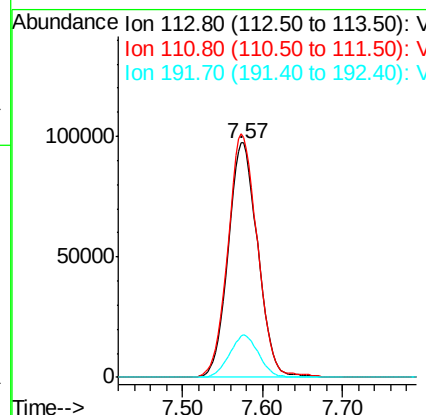
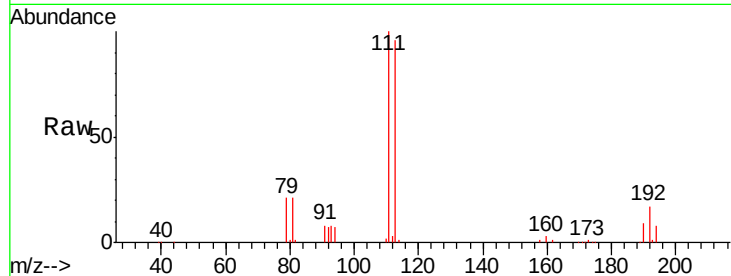




#35
 Dibromofluoromethane
 Concen: 51.525 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058381.D
 Acq: 26 Sep 2019 13:29

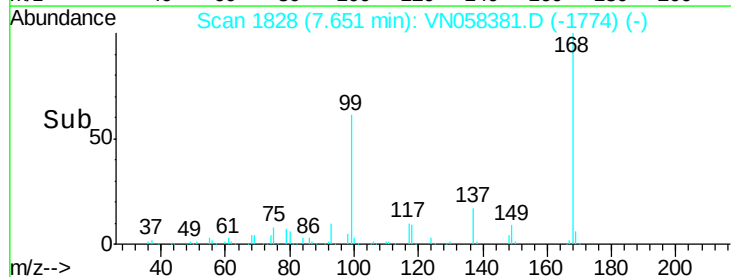
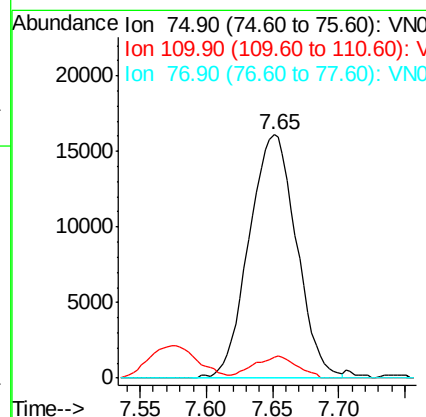
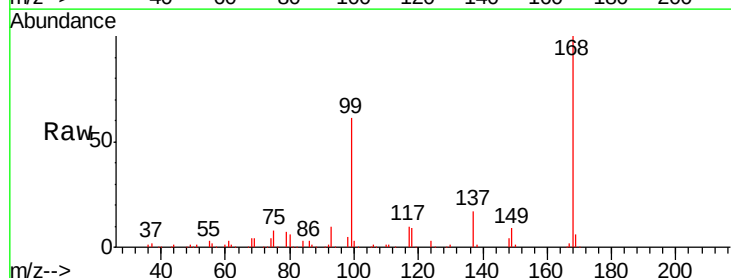
Instrument :
 MSVOA_N
 ClientSampled :
 40246

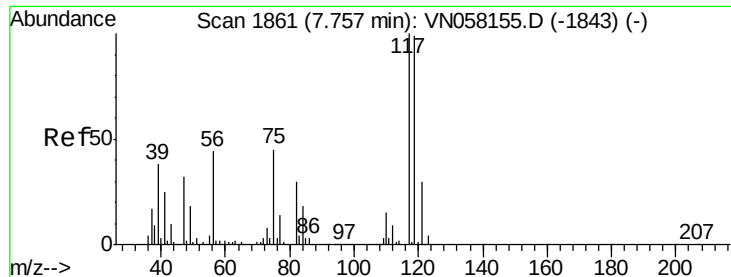
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.6
192	17.8	14.5	21.7



#36
 1,1-Dichloropropene
 Concen: 7.118 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058381.D
 Acq: 26 Sep 2019 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.6	49.7#
77	0.0	24.3	36.5#

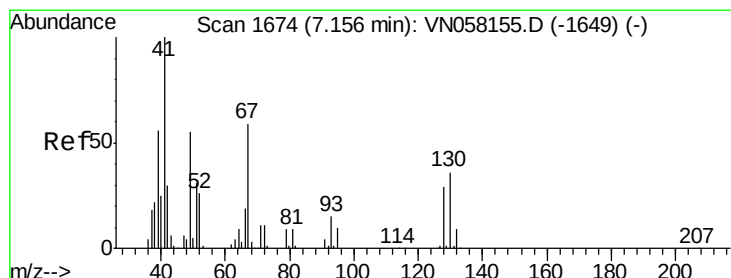
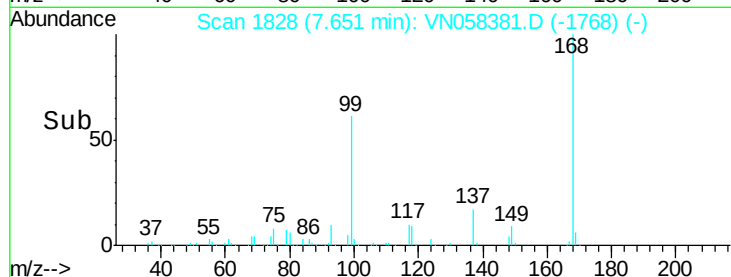
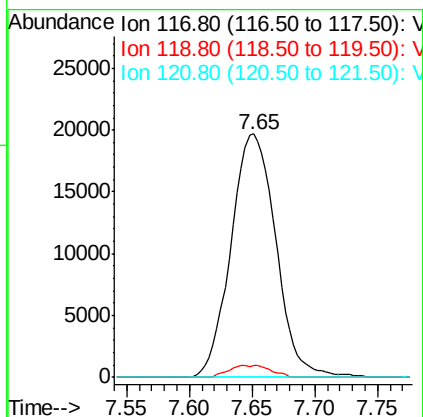
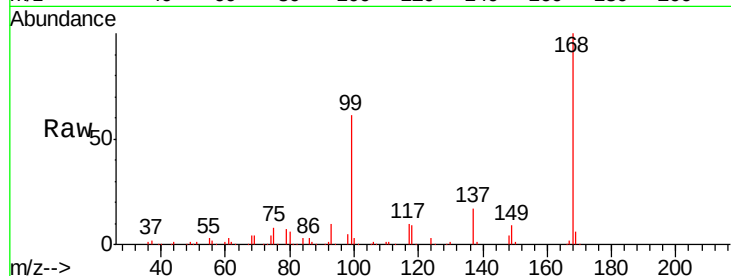




#38
Carbon Tetrachloride
Concen: 8.637 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058381.D
Acq: 26 Sep 2019 13:29

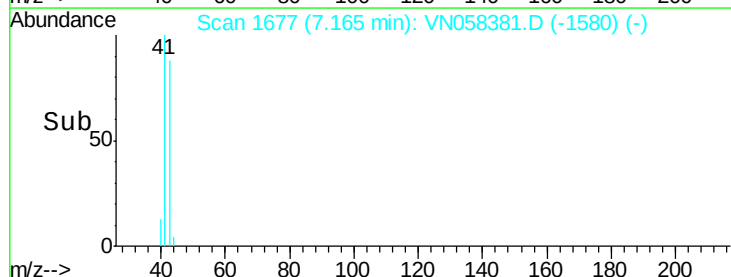
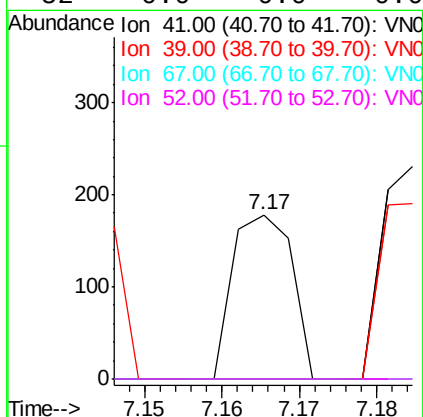
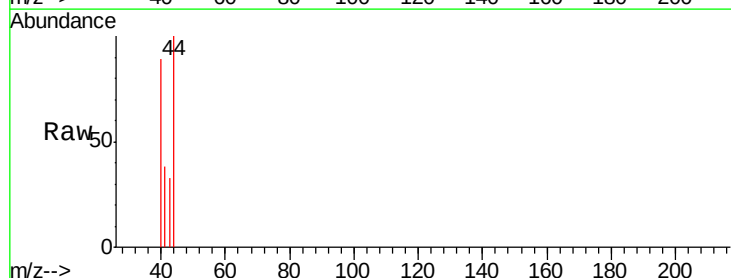
Instrument :
MSVOA_N
ClientSampled :
40246

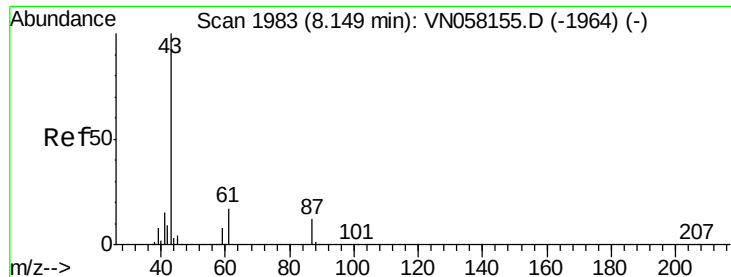
Tgt Ion: 117 Resp: 48890
Ion Ratio Lower Upper
117 100
119 5.0 78.6 117.8#
121 0.0 24.1 36.1#



#41
Methacrylonitrile
Concen: 0.943 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN058381.D
Acq: 26 Sep 2019 13:29

Tgt Ion: 41 Resp: 95
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 11.646 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

40246

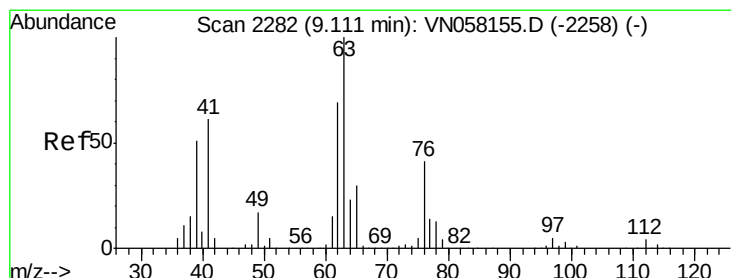
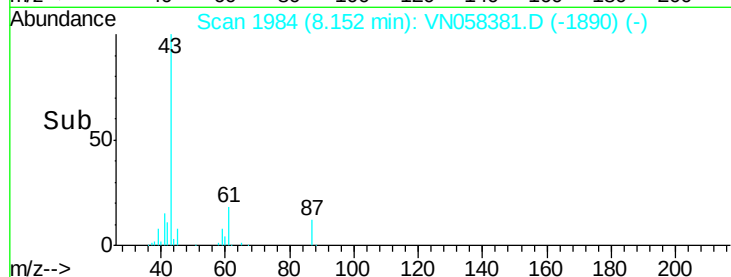
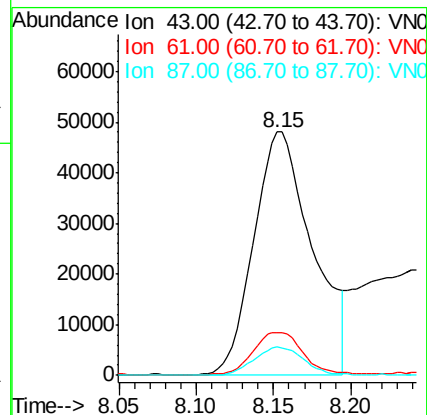
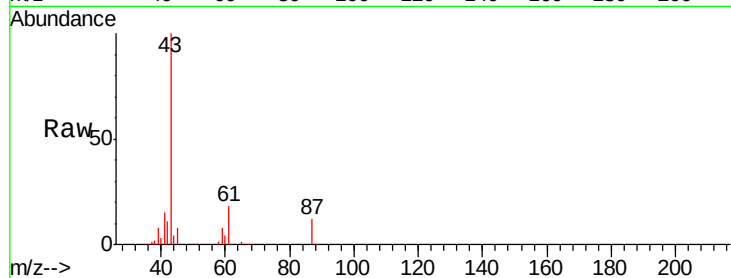
Tgt Ion: 43 Resp: 127107

Ion Ratio Lower Upper

43 100

61 15.3 19.7 29.5#

87 9.9 9.4 14.2



#45

1,2-Dichloropropane

Concen: 0.403 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058381.D

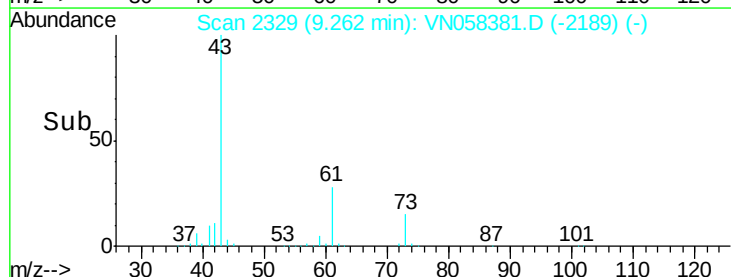
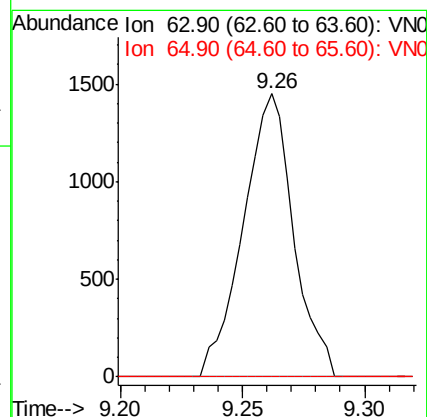
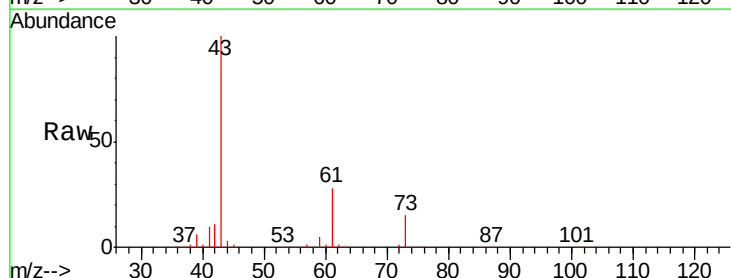
Acq: 26 Sep 2019 13:29

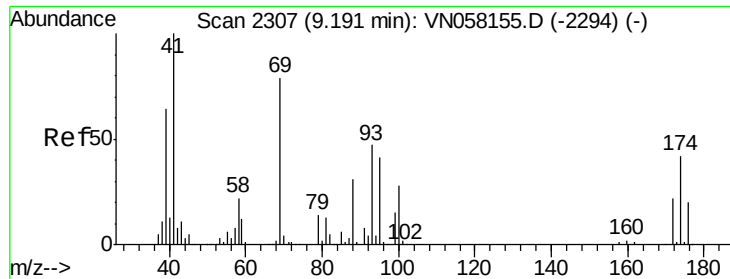
Tgt Ion: 63 Resp: 2070

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#

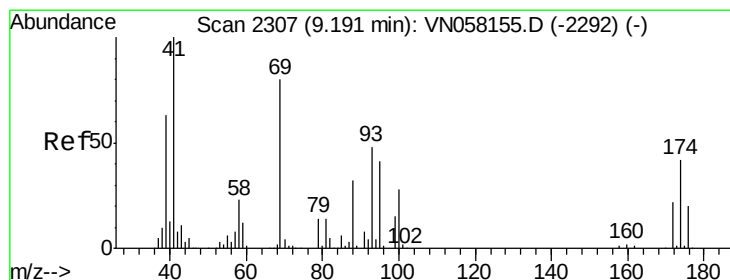
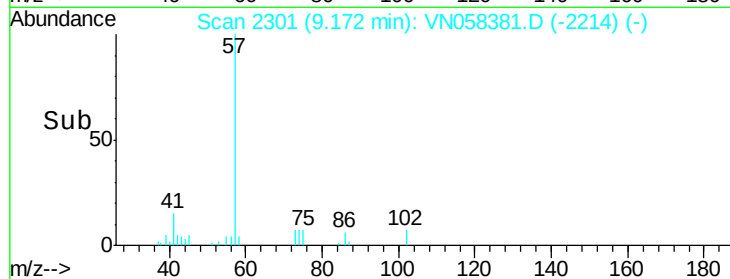
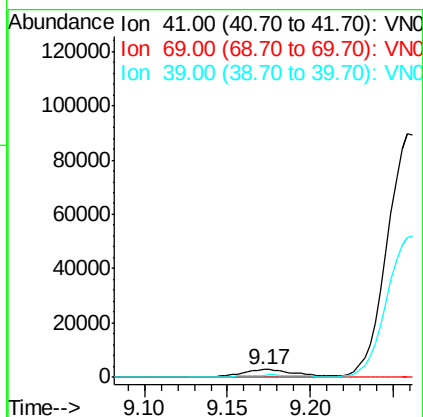
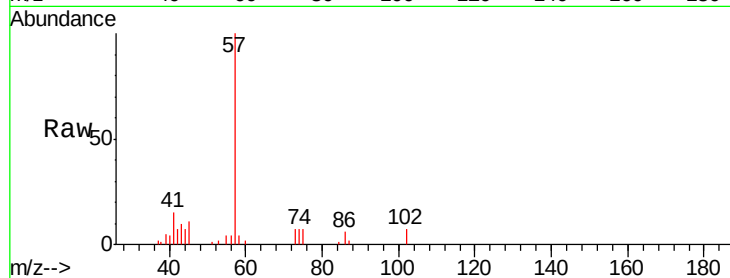




#48
Methyl methacrylate
Concen: 1.367 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058381.D
Acq: 26 Sep 2019 13:29

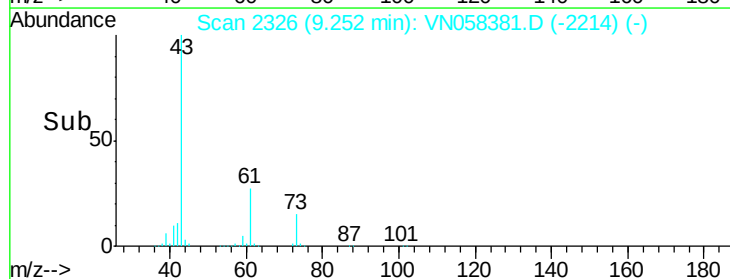
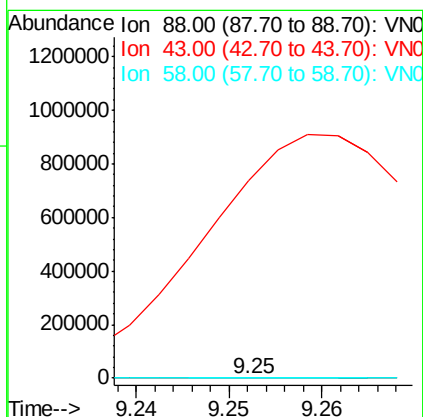
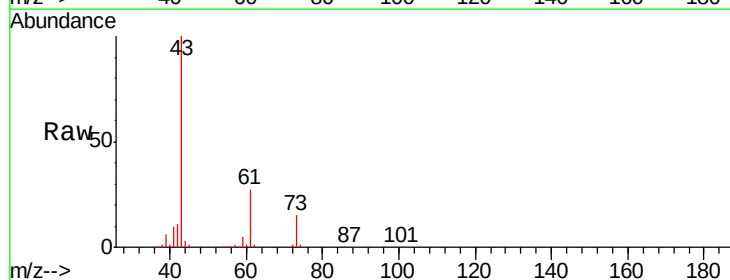
Instrument :
MSVOA_N
ClientSampleId :
40246

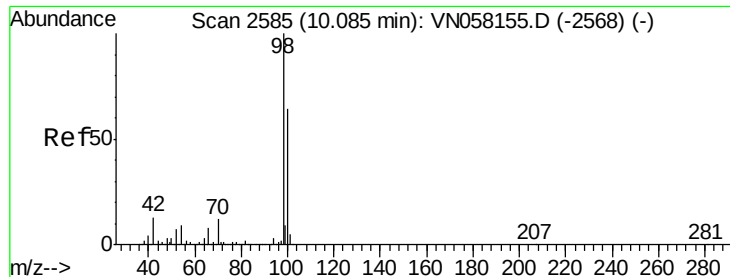
Tgt Ion: 41 Resp: 6776
Ion Ratio Lower Upper
41 100
69 0.0 62.5 93.7#
39 0.0 52.3 78.5#



#49
1,4-Dioxane
Concen: 1.561 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN058381.D
Acq: 26 Sep 2019 13:29

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
43 1336214.2 27.8 41.8#
58 5953.5 55.0 82.4#

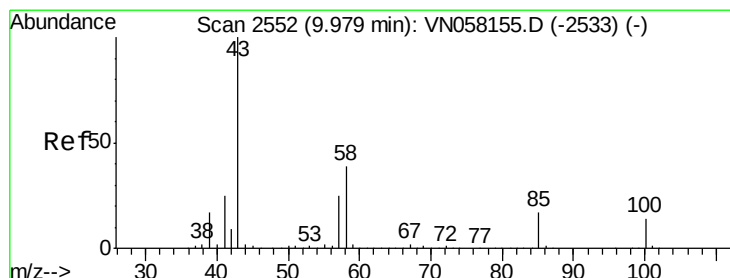
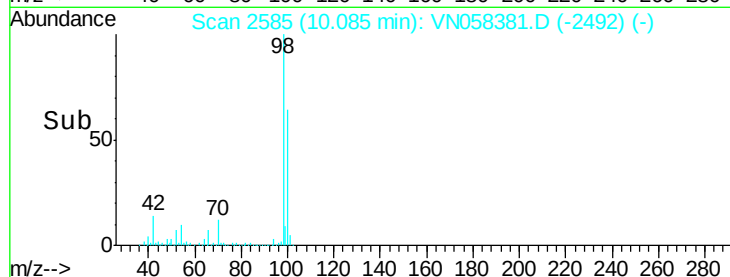
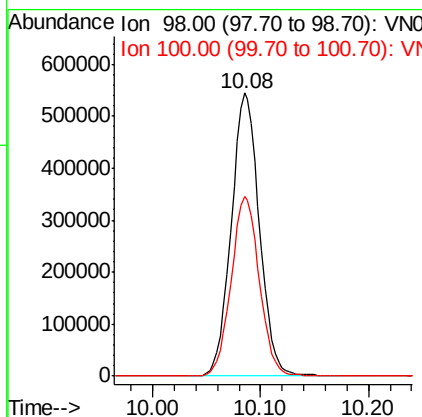
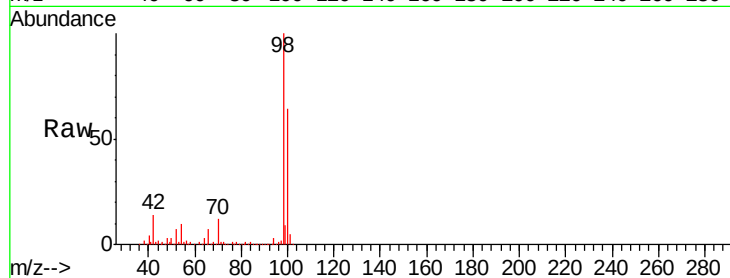




#50
Toluene-d8
Concen: 53.530 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058381.D
Acq: 26 Sep 2019 13:29

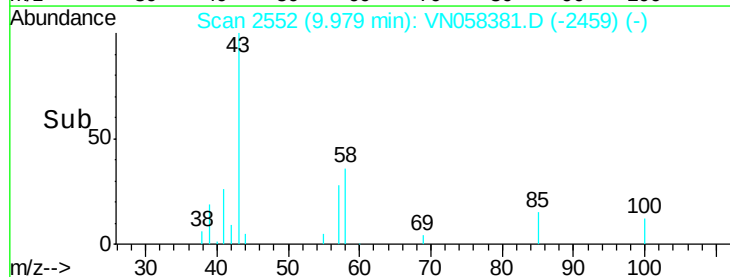
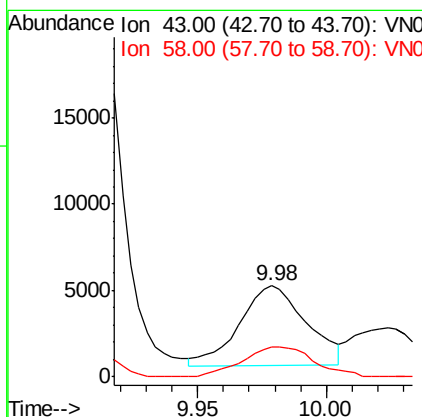
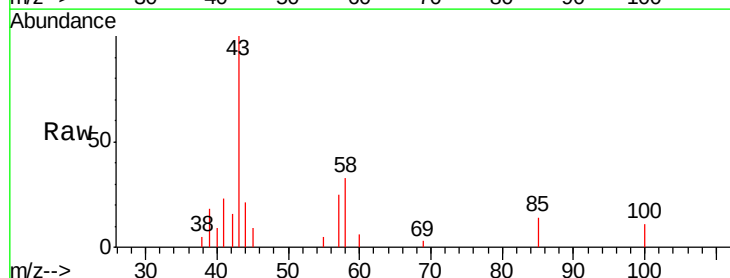
Instrument :
MSVOA_N
ClientSampled :
40246

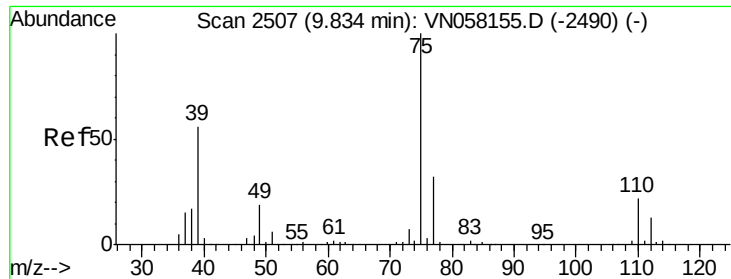
Tgt Ion: 98 Resp: 990073
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 1.463 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058381.D
Acq: 26 Sep 2019 13:29

Tgt Ion: 43 Resp: 8483
Ion Ratio Lower Upper
43 100
58 39.3 30.2 45.4



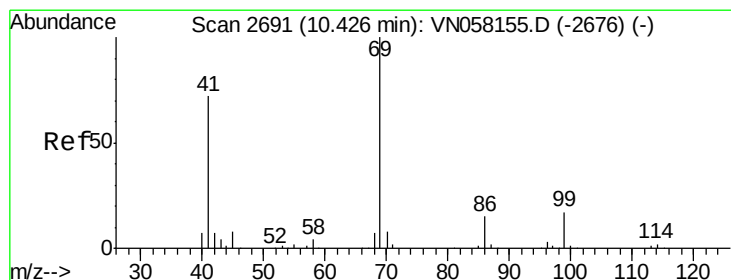
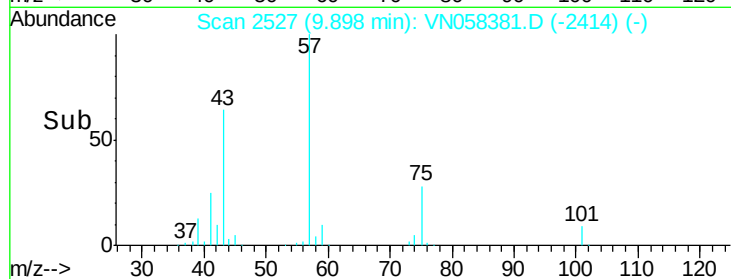
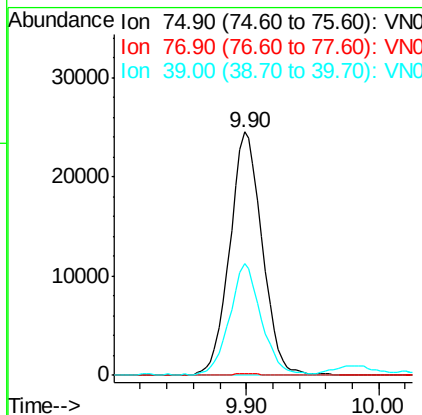
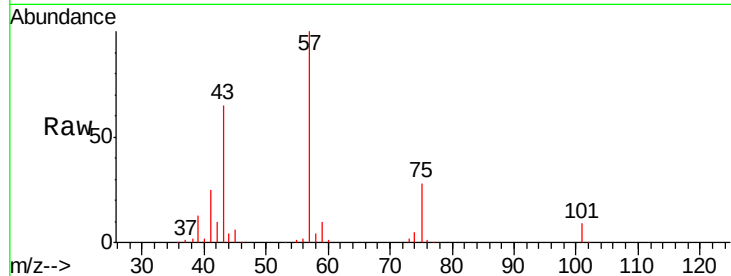


#54

cis-1,3-Dichloropropene
 Concen: 5.639 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058381.D
 Acq: 26 Sep 2019 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 40246

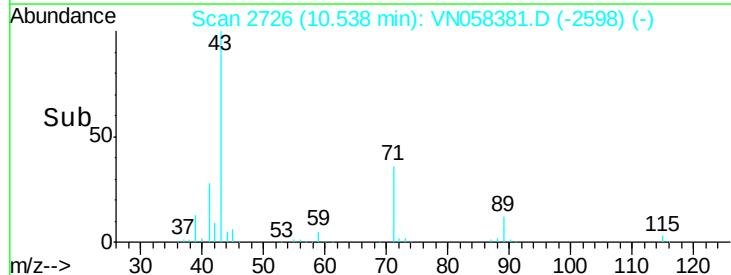
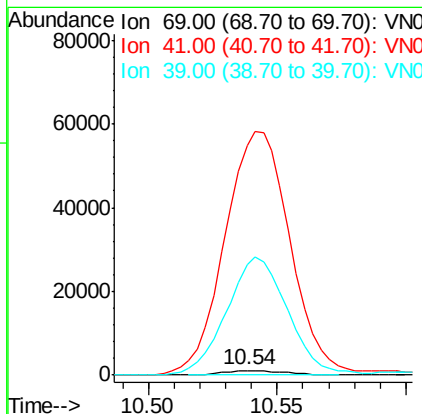
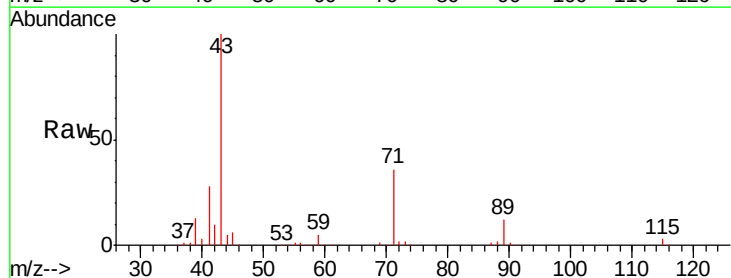
Tgt Ion: 75 Resp: 41726
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.4 38.0#
 39 45.8 45.0 67.6

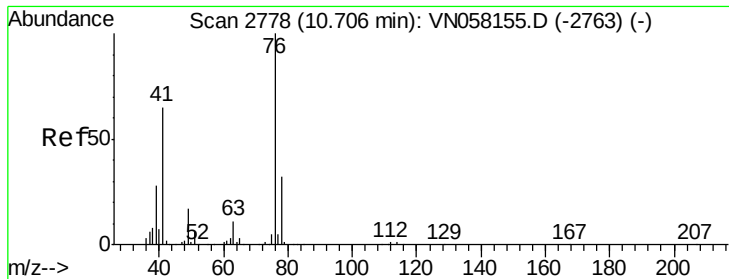


#56

Ethyl methacrylate
 Concen: 0.268 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.11 min
 Lab File: VN058381.D
 Acq: 26 Sep 2019 13:29

Tgt Ion: 69 Resp: 1848
 Ion Ratio Lower Upper
 69 100
 41 5558.2 57.5 86.3#
 39 2533.9 36.1 54.1#





#57

1,3-Dichloropropane

Concen: 0.719 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

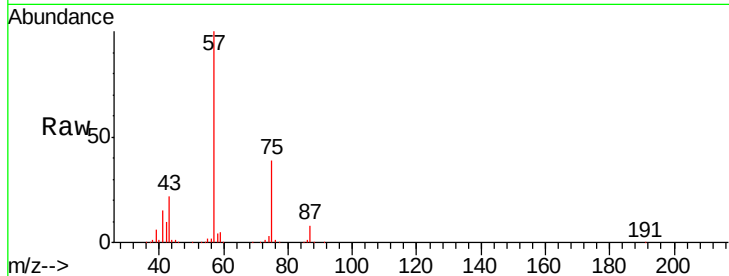
40246

Tgt Ion: 76 Resp: 5909

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.76

4000

3000

2000

1000

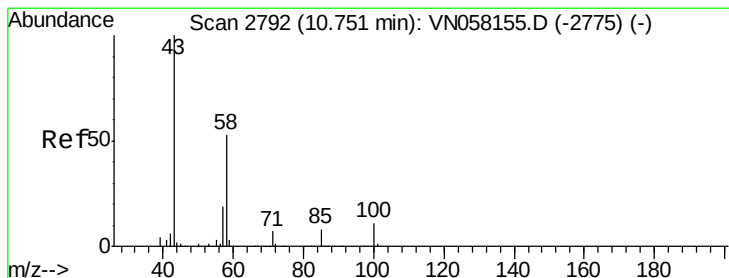
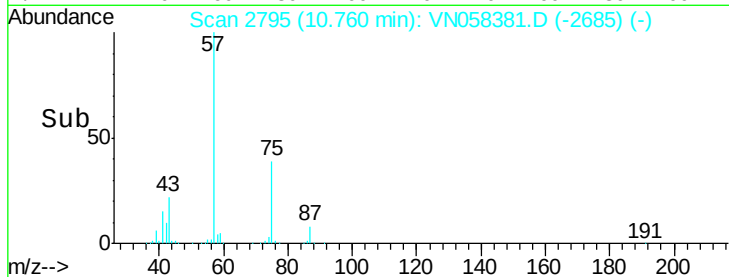
0

Time-->

10.70

10.75

10.80



#59

2-Hexanone

Concen: 21.614 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058381.D

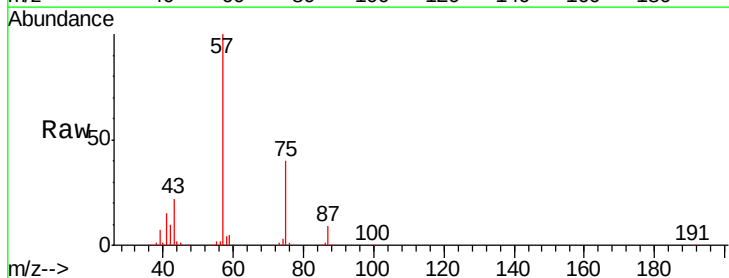
Acq: 26 Sep 2019 13:29

Tgt Ion: 43 Resp: 93060

Ion Ratio Lower Upper

43 100

58 18.8 26.0 78.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

60000

40000

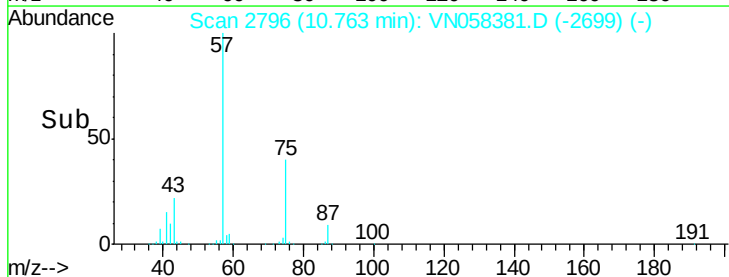
20000

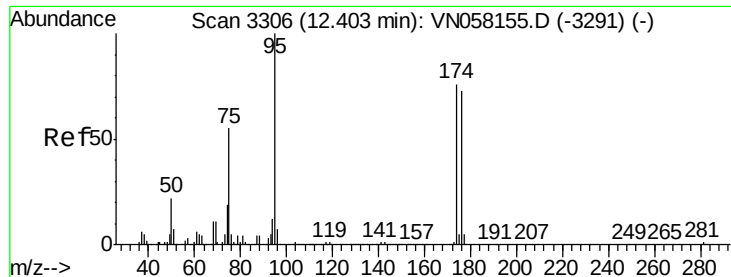
0

Time-->

10.75

10.80





#62

4-Bromofluorobenzene

Concen: 47.263 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

40246

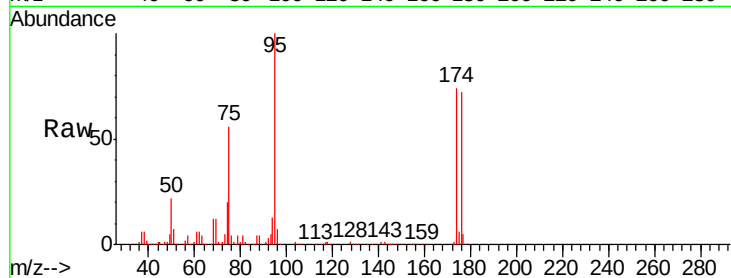
Tgt Ion: 95 Resp: 324719

Ion Ratio Lower Upper

95 100

174 73.7 0.0 152.2

176 72.2 0.0 148.0



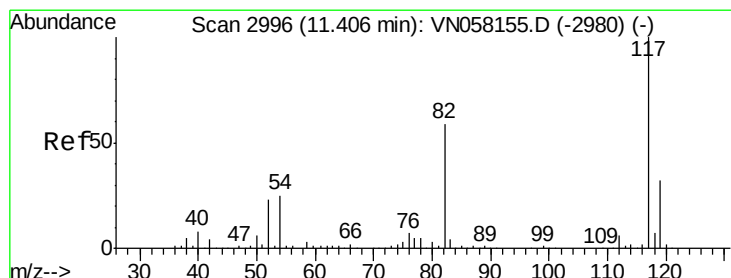
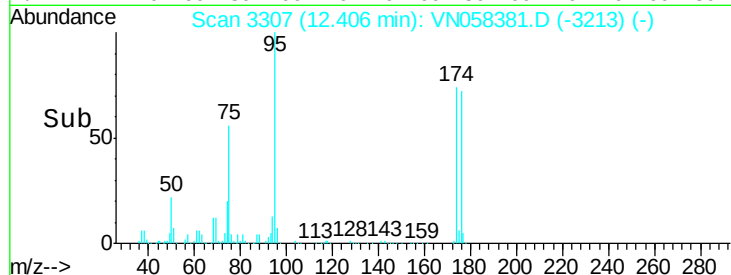
Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.41

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

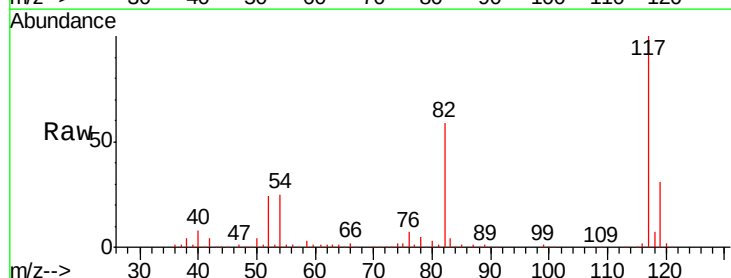
Tgt Ion: 117 Resp: 680539

Ion Ratio Lower Upper

117 100

82 58.7 46.9 70.3

119 31.4 25.3 37.9



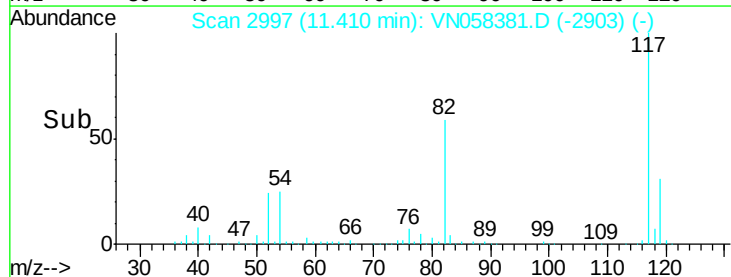
Abundance Ion 116.90 (116.60 to 117.60): VN0

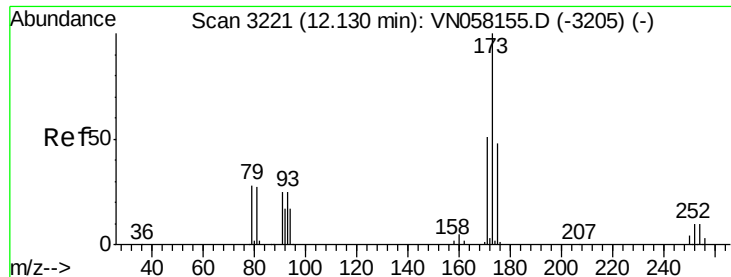
Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.41

Time-->





#71

Bromoform

Concen: 4.247 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

40246

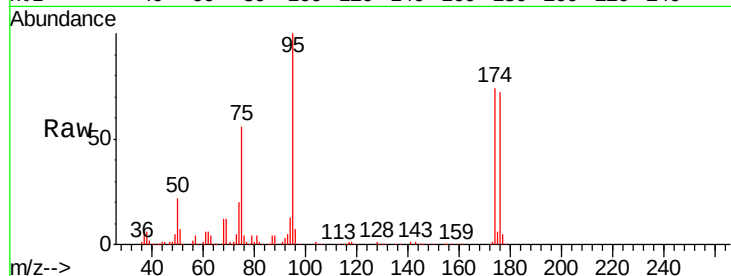
Tgt Ion:173 Resp: 2261

Ion Ratio Lower Upper

173 100

175 677.3 24.2 72.6#

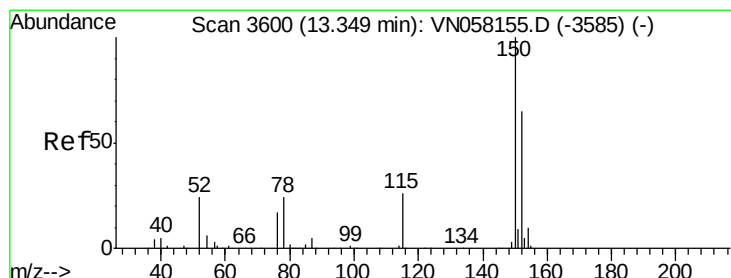
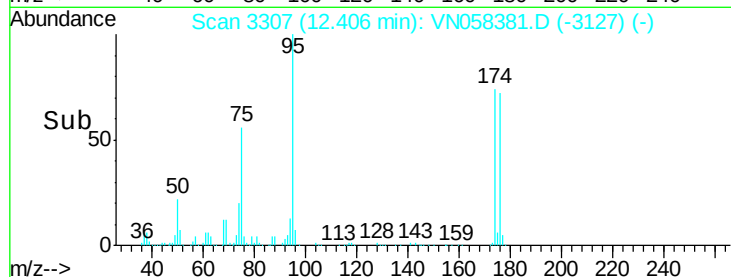
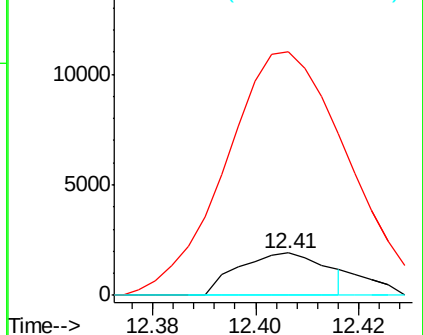
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

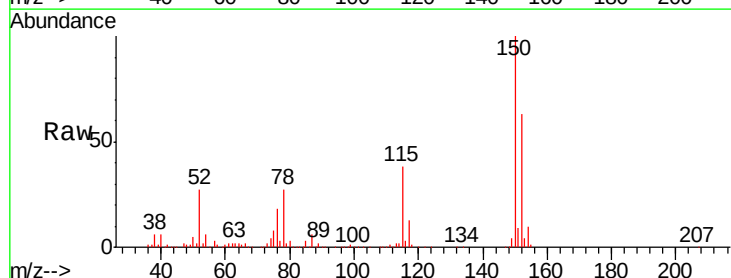
Tgt Ion:152 Resp: 276732

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

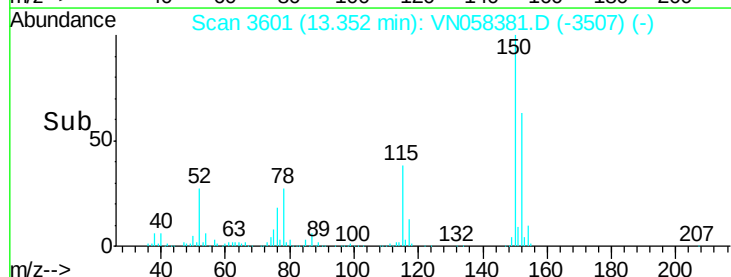
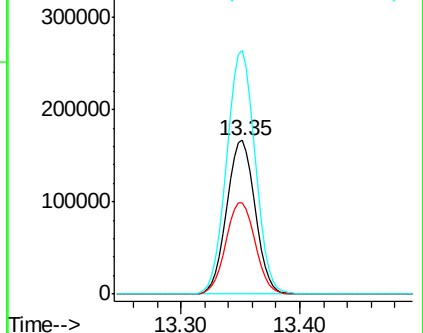
150 159.1 0.0 346.4

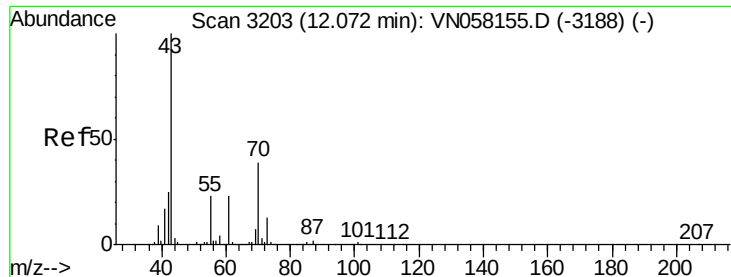


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.776 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

40246

Tgt Ion: 43 Resp: 5626

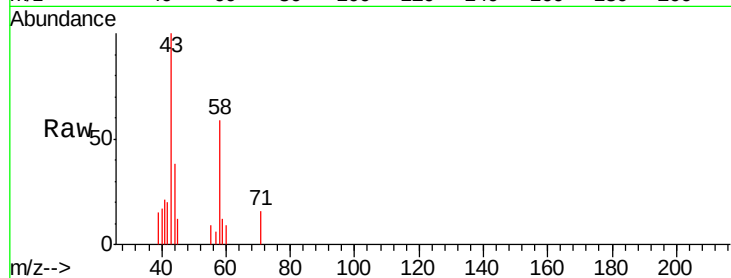
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 5.3 18.5 27.7#

61 0.0 18.2 27.2#



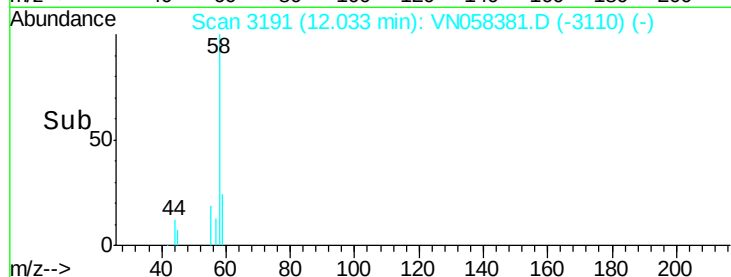
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Time-->



Abundance

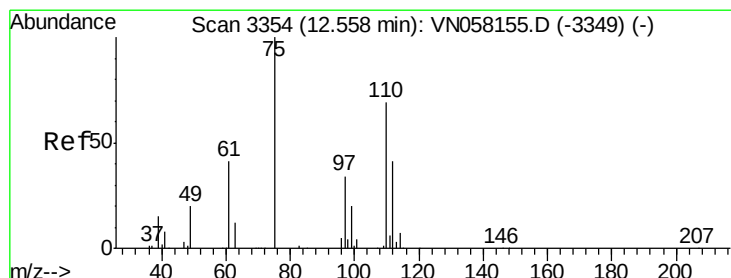
Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.888 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058381.D

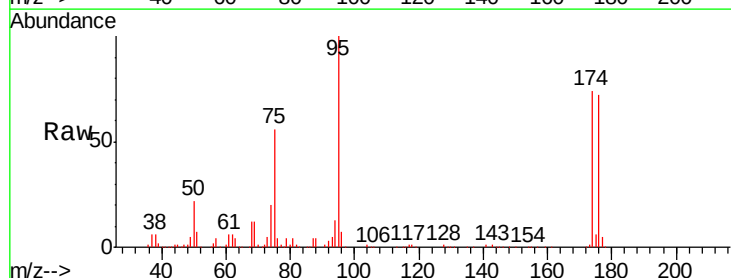
Acq: 26 Sep 2019 13:29

Tgt Ion: 75 Resp: 177740

Ion Ratio Lower Upper

75 100

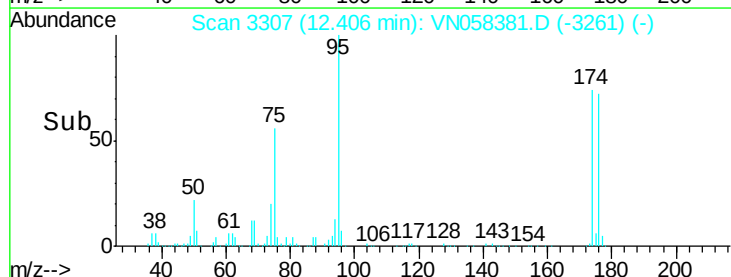
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

Time-->

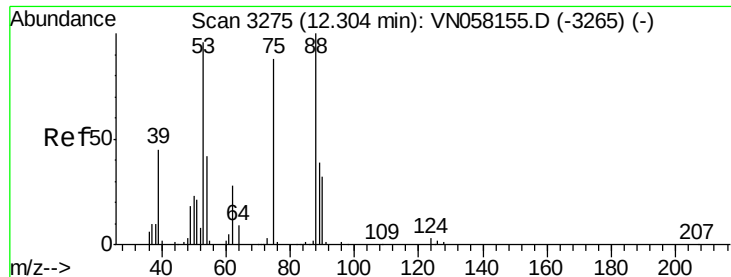


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 100.245 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

40246

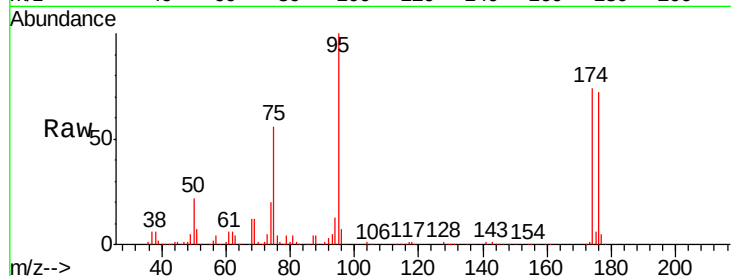
Tgt Ion: 75 Resp: 177740

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

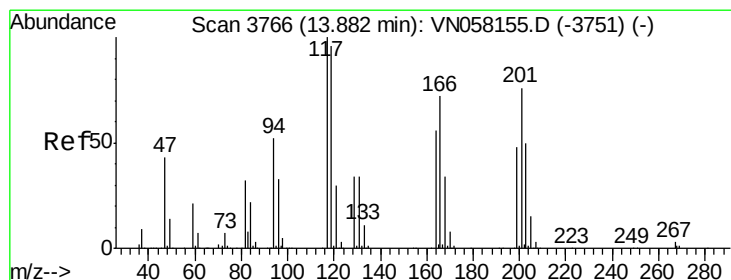
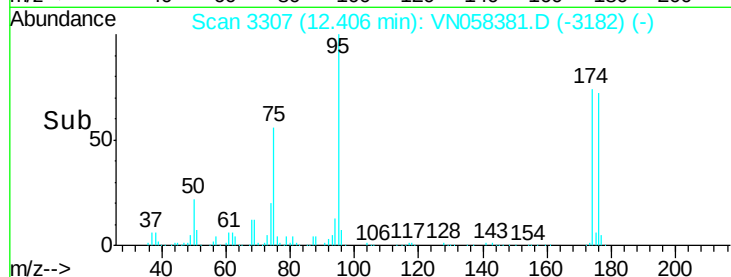
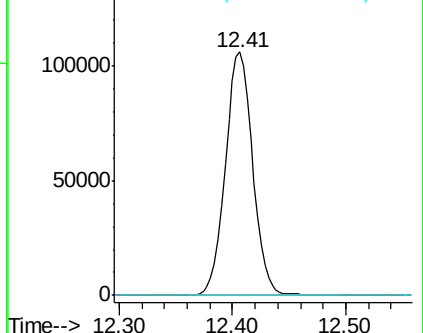
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#90

Hexachloroethane

Concen: 2.833 ug/l

RT: 14.09 min Scan# 3830

Delta R.T. 0.21 min

Lab File: VN058381.D

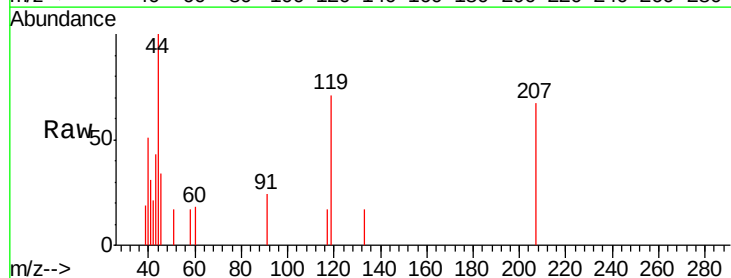
Acq: 26 Sep 2019 13:29

Tgt Ion: 117 Resp: 29

Ion Ratio Lower Upper

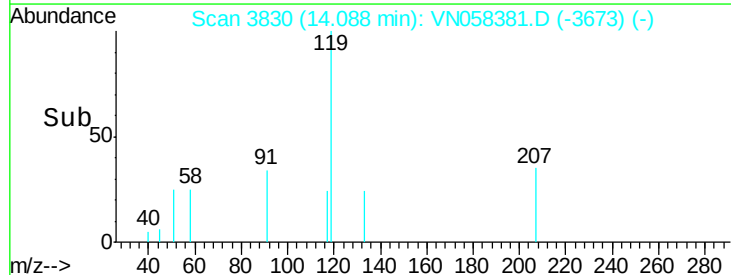
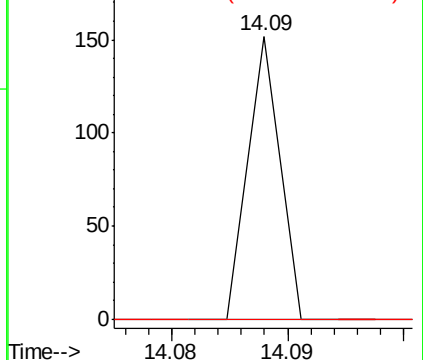
117 100

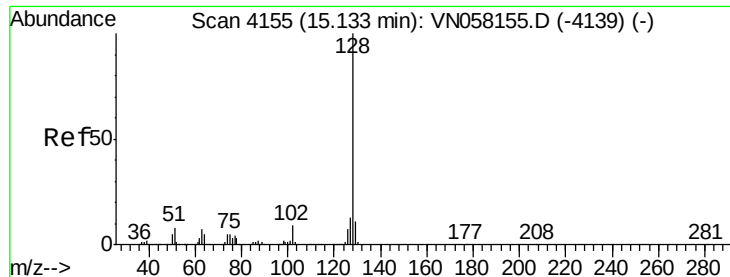
201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 0.429 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

40246

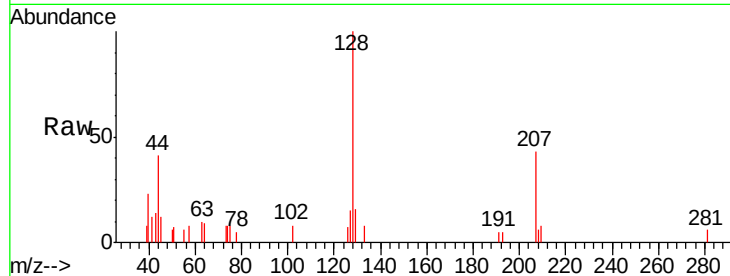
Tgt Ion:128 Resp: 5674

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

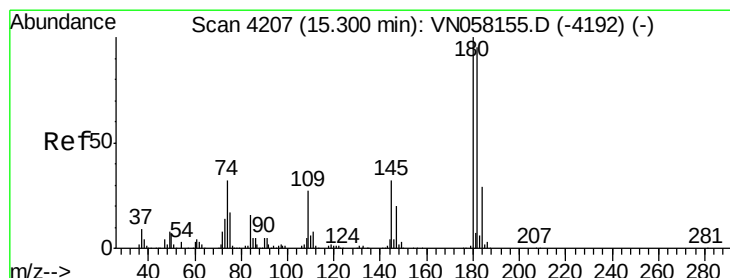
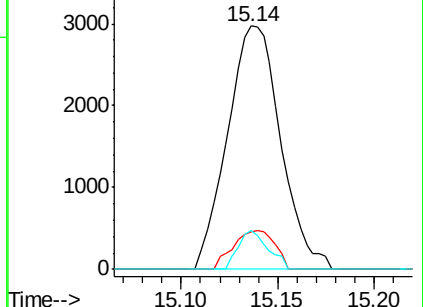
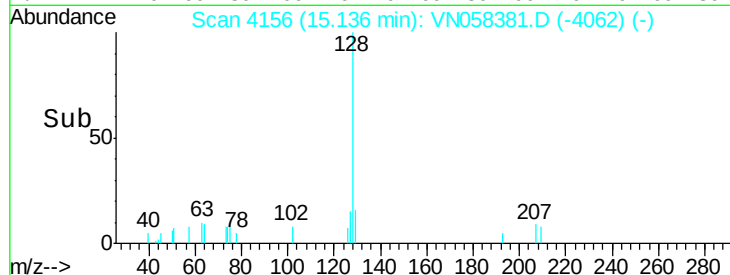
129 8.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.210 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058381.D

Acq: 26 Sep 2019 13:29

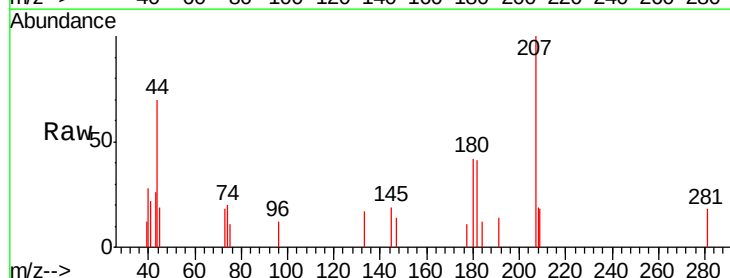
Tgt Ion:180 Resp: 1011

Ion Ratio Lower Upper

180 100

182 104.7 47.4 142.2

145 23.4 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

