

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059411.D
 Acq On : 26 Nov 2019 16:58
 Operator : JC/SP
 Sample : K5663-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-112219

Quant Time: Nov 27 00:43:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	349822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	539107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	477647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	183702	50.00	ug/l	0.00

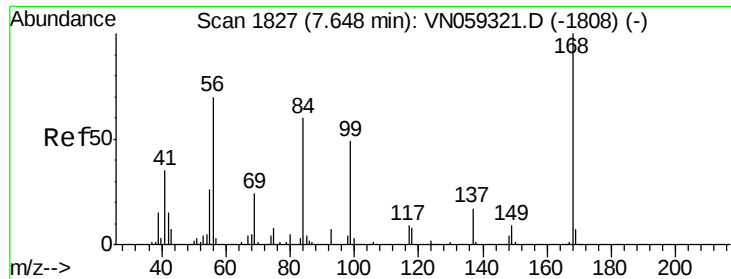
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	199686	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	7.57	113	162939	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.08	98	661955	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.40	95	215700	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.75	59	379	0.451	ug/l #	73
14) Allyl chloride	4.53	41	41798	5.926	ug/l #	28
16) Acetone	3.79	43	101510	53.938	ug/l	98
17) Carbon Disulfide	4.03	76	2038	0.312	ug/l #	75
18) Methyl Acetate	4.30	43	6432	1.030	ug/l #	88
20) Methylene Chloride	4.53	84	1141786	269.001	ug/l	98
25) 2-Butanone	6.82	43	4687	1.602	ug/l #	87
29) Tetrahydrofuran	7.20	42	879	0.434	ug/l #	36
31) Cyclohexane	7.64	56	5923	0.801	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	25351	4.555	ug/l #	47
38) Carbon Tetrachloride	7.64	117	31976	6.002	ug/l #	16
43) Isopropyl Acetate	8.15	43	79392	8.685	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	1844	0.423	ug/l #	45
48) Methyl methacrylate	9.17	41	5326	1.281	ug/l #	14
49) 1,4-Dioxane	9.25	88	127	2.033	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5641	1.054	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	35127	5.204	ug/l #	63
56) Ethyl methacrylate	10.54	69	989	2.339	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5906	0.887	ug/l #	42
59) 2-Hexanone	10.76	43	79643	20.328	ug/l #	53
71) Bromoform	12.40	173	1057	0.374	ug/l #	1
74) N-amyl acetate	12.03	43	4424	0.731	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	102828	24.229	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	2843	0.225	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	102828	60.601	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	2675	0.216	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	309	0.292	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	61	2.953	ug/l #	1
95) Naphthalene	15.13	128	8067	3.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	546	2.038	ug/l #	37

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059411.D

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Instrument :

MSVOA_N

ClientSampleId :

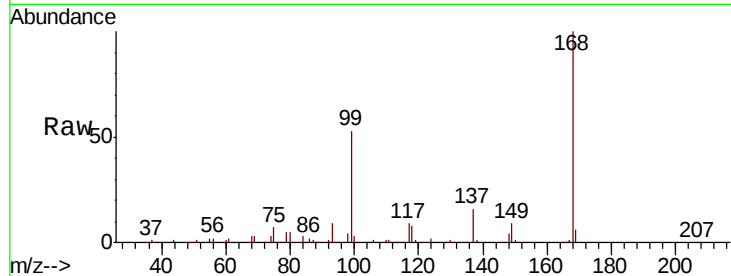
AU-06-112219

Tot Ion:168 Resp: 349822

Ion Ratio Lower Upper

168 100

99 53.4 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

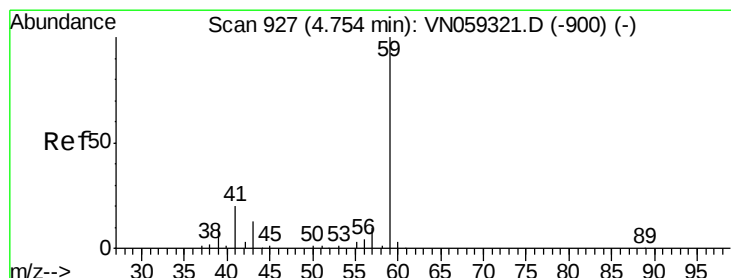
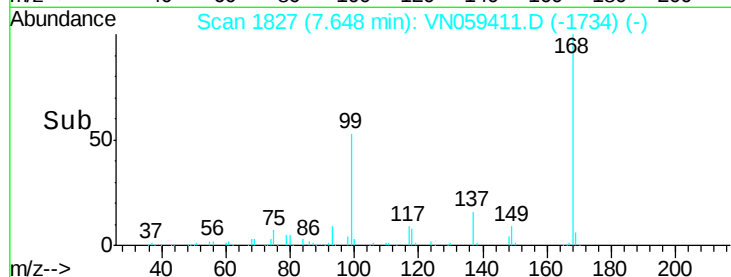
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.451 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.00 min

Lab File: VN059411.D

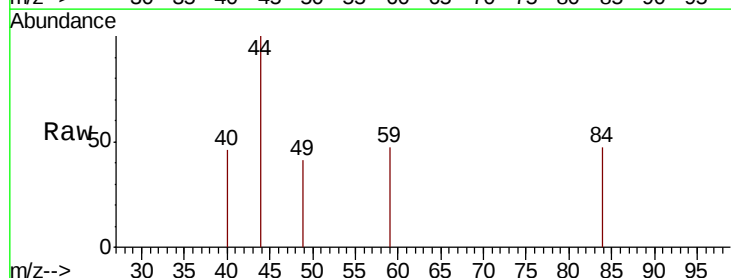
Acq: 26 Nov 2019 16:58

Tgt Ion: 59 Resp: 379

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.75

300

250

200

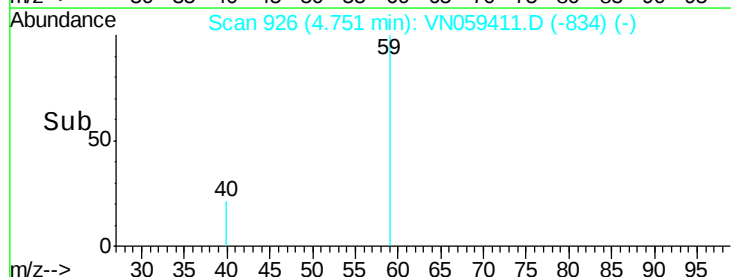
150

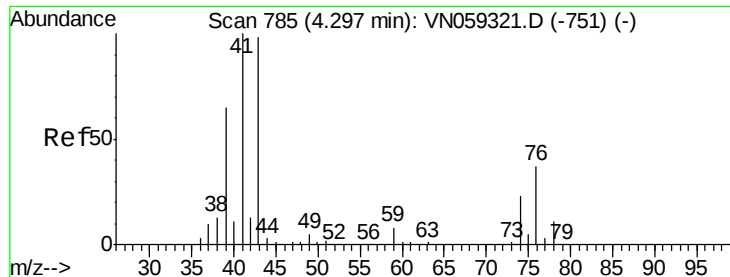
100

50

0

Time--> 4.72 4.74 4.76





#14

Allvl chloride

Concen: 5.926 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.23 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112219

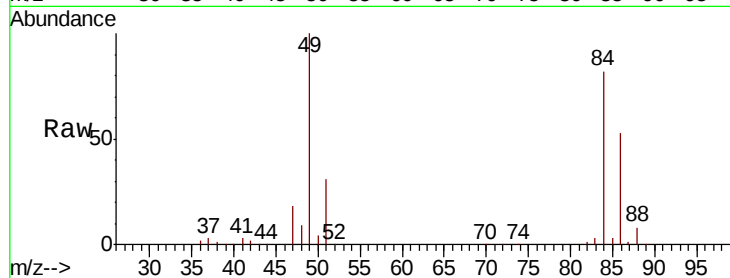
Tot Ion: 41 Resp: 41798

Ion Ratio Lower Upper

41 100

39 0.4 48.4 72.6#

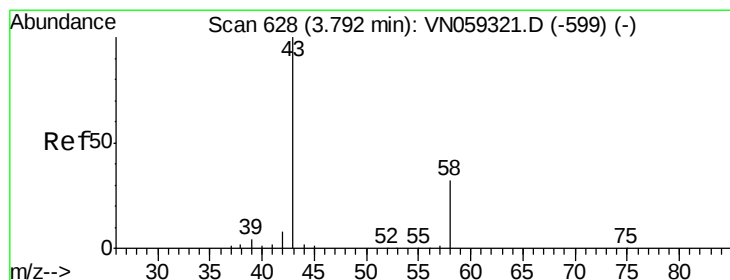
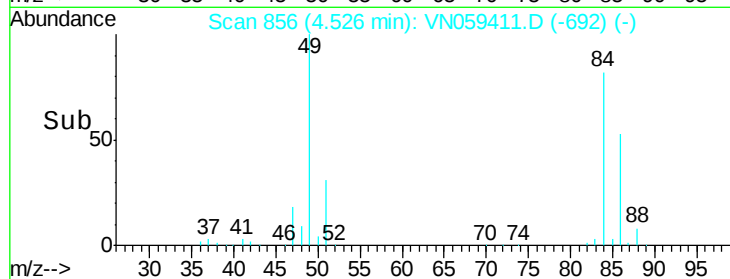
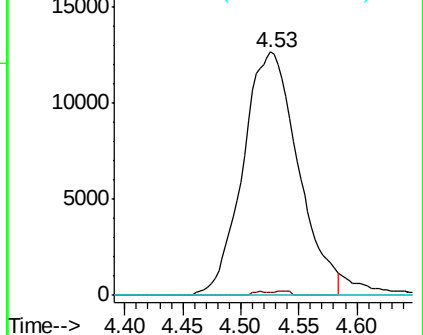
76 0.0 26.2 39.4#



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: 53.938 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059411.D

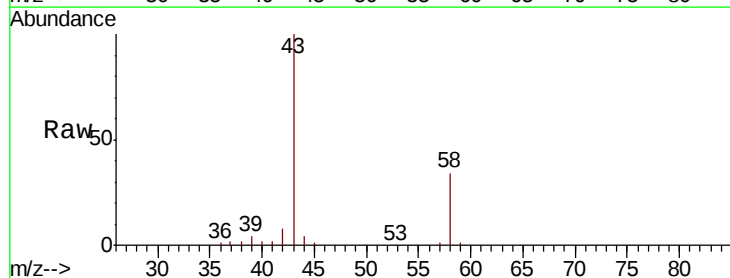
Acq: 26 Nov 2019 16:58

Tgt Ion: 43 Resp: 101510

Ion Ratio Lower Upper

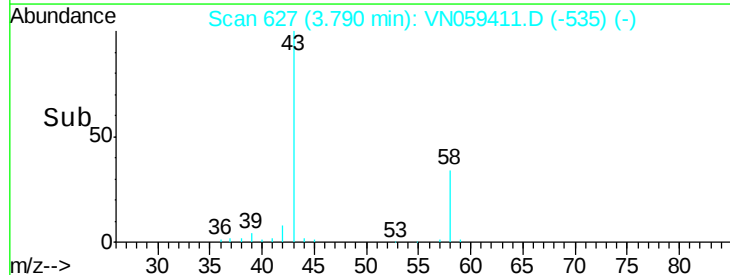
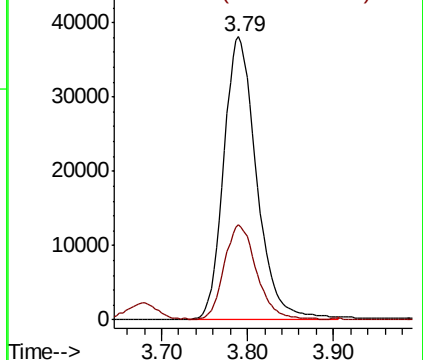
43 100

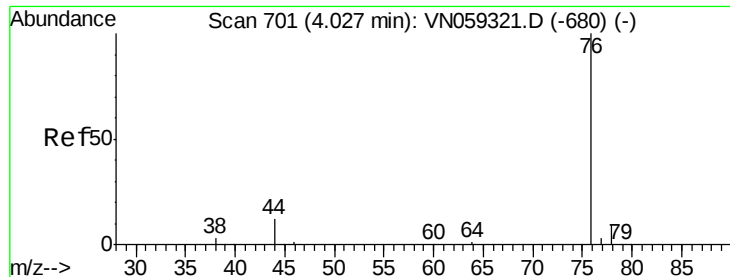
58 33.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

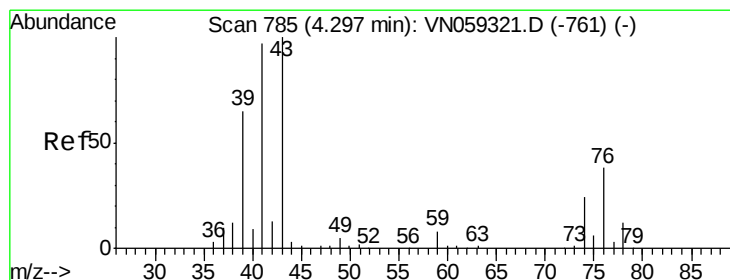
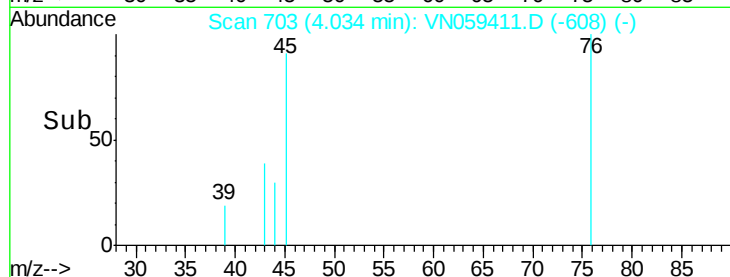
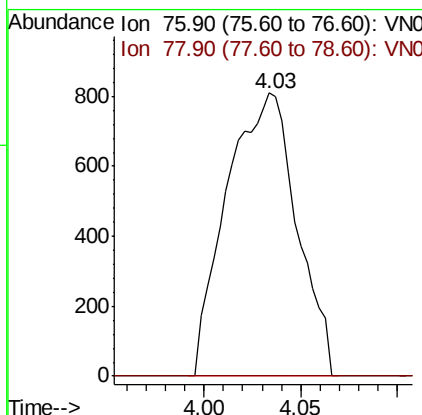
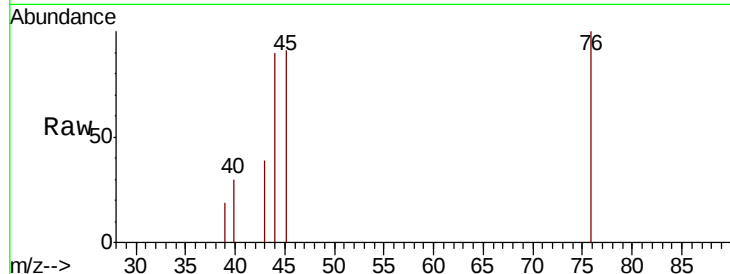




#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

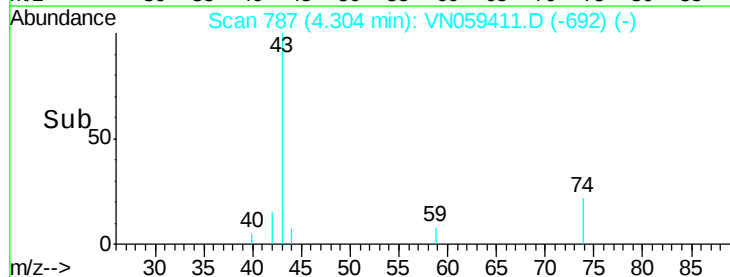
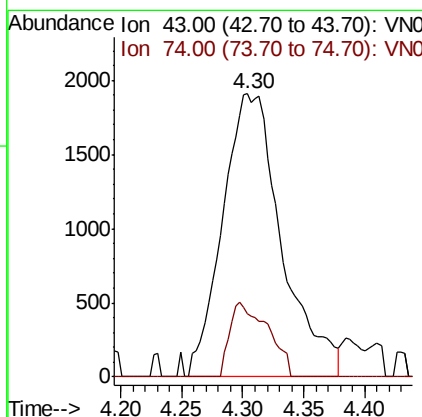
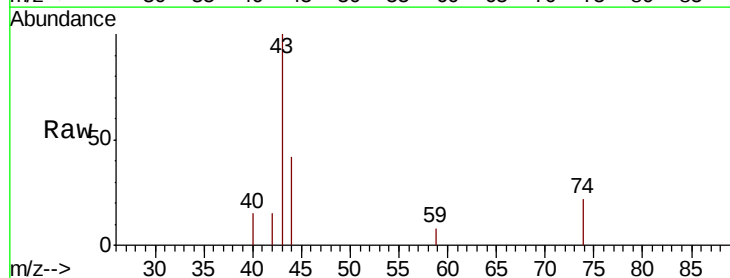
Instrument :
MSVOA_N
ClientSampled :
AU-06-112219

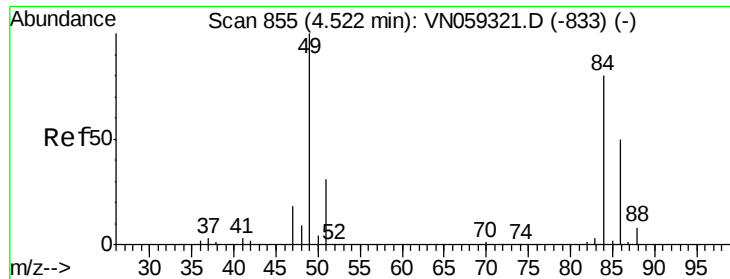
Tot Ion: 76 Resp: 2038
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.030 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

Tgt Ion: 43 Resp: 6432
Ion Ratio Lower Upper
43 100
74 17.0 18.1 27.1#



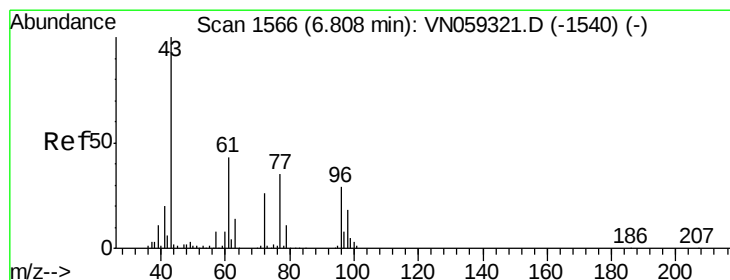
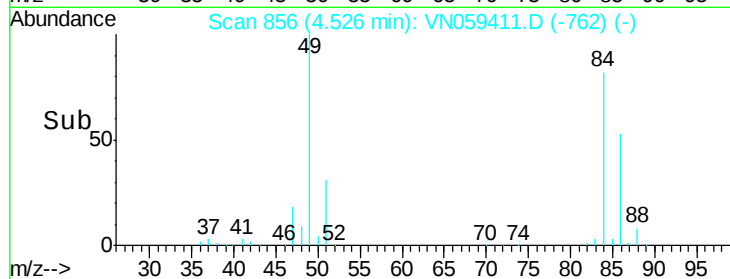
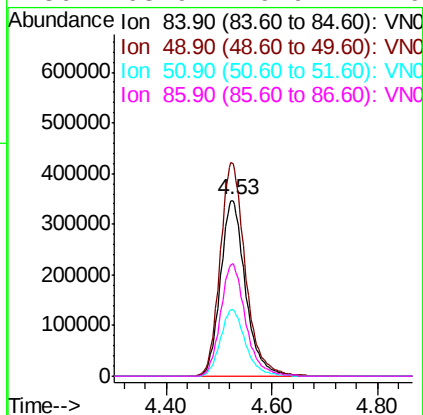
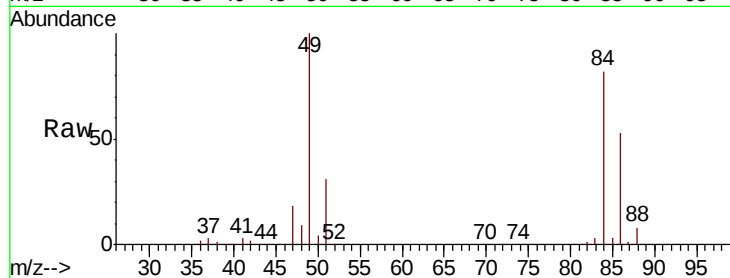


#20
Methvlene Chloride
Concen: 269.001 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

Instrument :
MSVOA_N
ClientSampleId :
AU-06-112219

Tot Ion: 84 Resp: 1141786

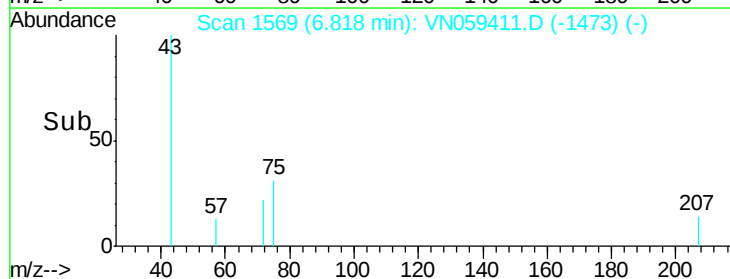
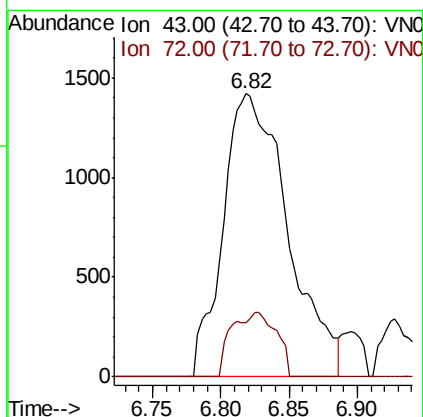
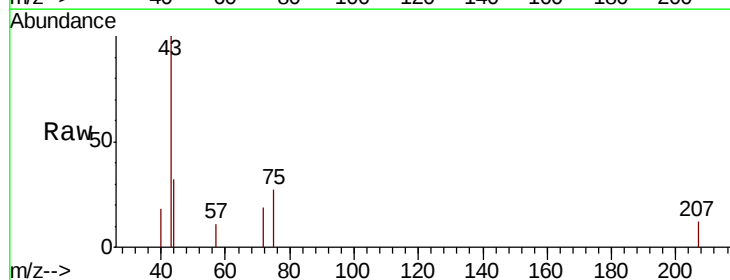
Ion	Ratio	Lower	Upper
84	100		
49	121.2	99.5	149.3
51	38.1	31.1	46.7
86	63.9	49.9	74.9

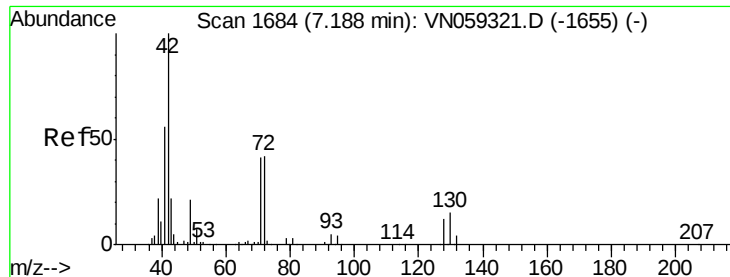


#25
2-Butanone
Concen: 1.602 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

Tgt Ion: 43 Resp: 4687

Ion	Ratio	Lower	Upper
43	100		
72	19.2	20.5	30.7#





#29

Tetrahydrofuran

Concen: 0.434 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.02 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112219

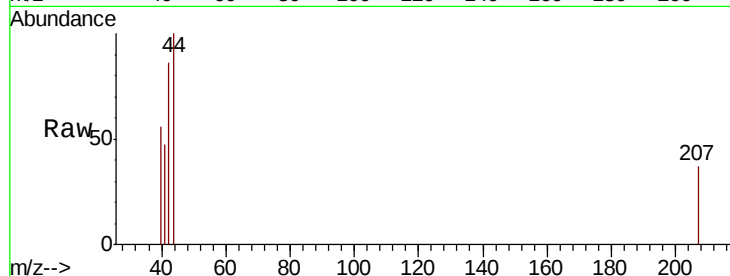
Tot Ion: 42 Resp: 879

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

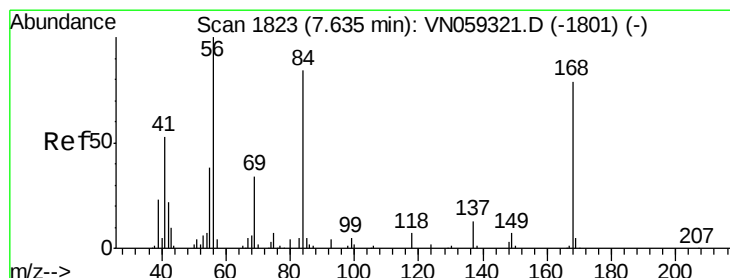
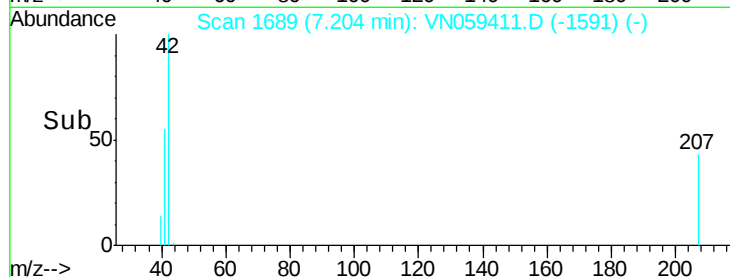
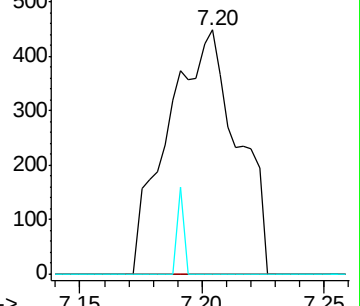
71 3.4 32.6 48.8#



Abundance Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC



#31

Cyclohexane

Concen: 0.801 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

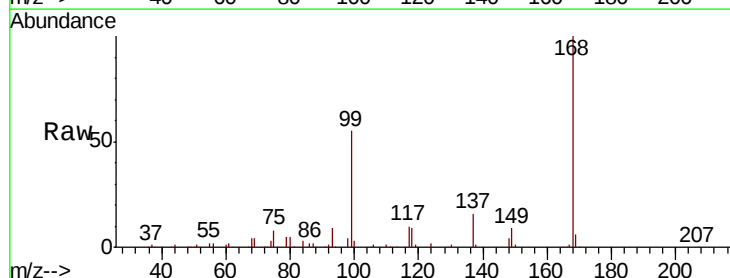
Tgt Ion: 56 Resp: 5923

Ion Ratio Lower Upper

56 100

69 202.5 26.6 40.0#

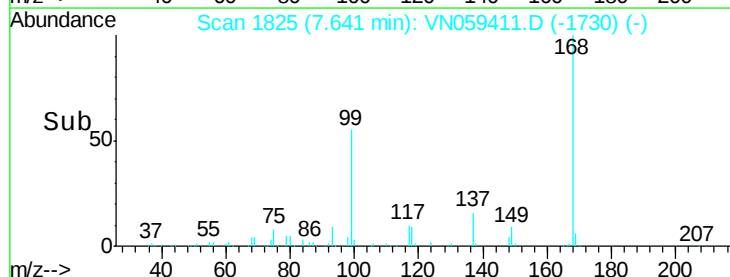
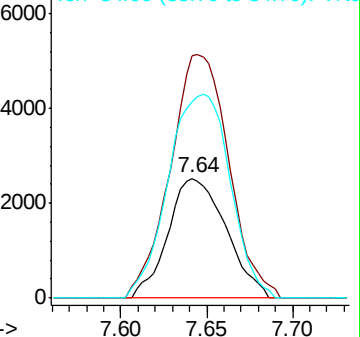
84 163.7 67.0 100.4#

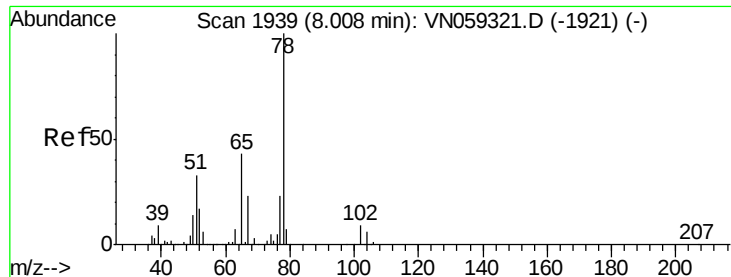


Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC

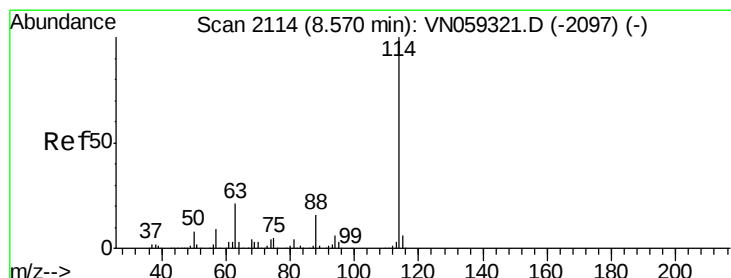
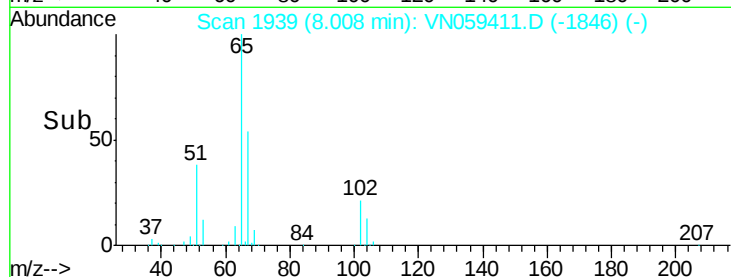
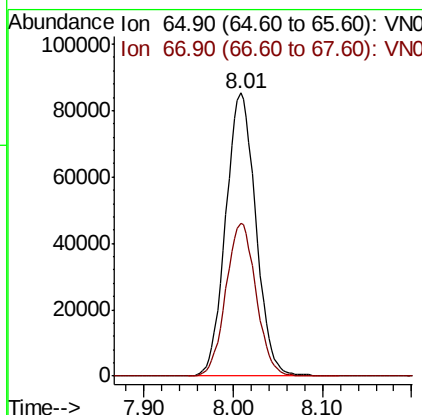
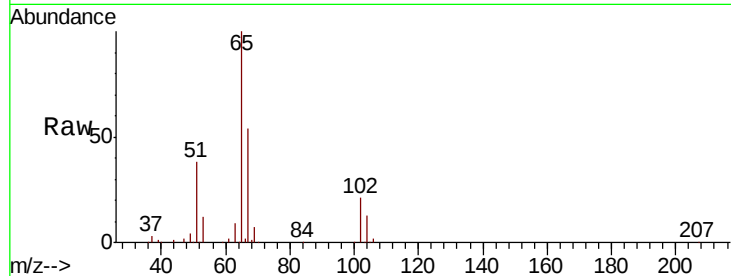




#33
 1,2-Dichloroethane-d4
 Concen: 47.575 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059411.D
 Acq: 26 Nov 2019 16:58

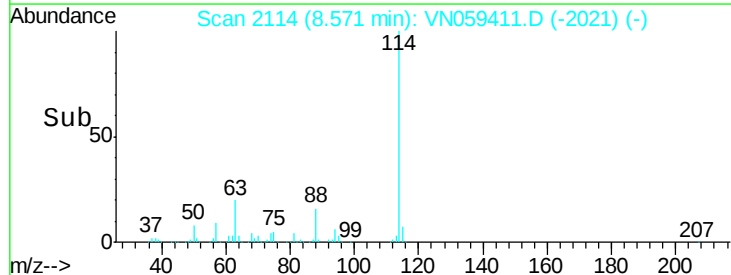
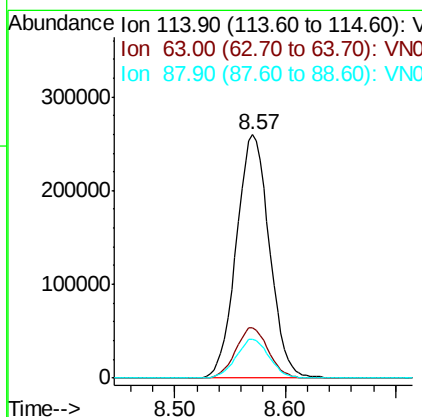
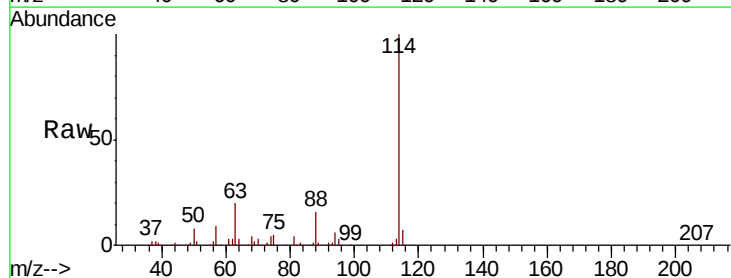
Instrument :
 MSVOA_N
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 AU-06-112219

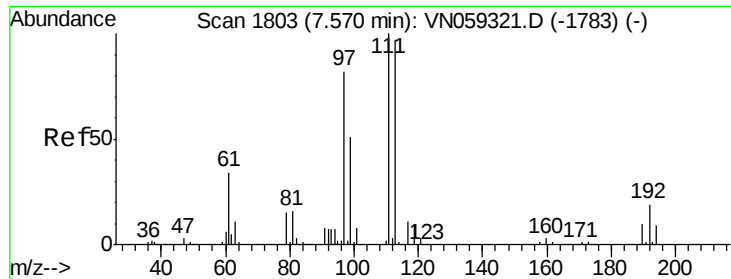
Tot Ion: 65 Resp: 199686
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059411.D
 Acq: 26 Nov 2019 16:58

Tgt Ion: 114 Resp: 539107
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.2
 88 16.0 0.0 32.2

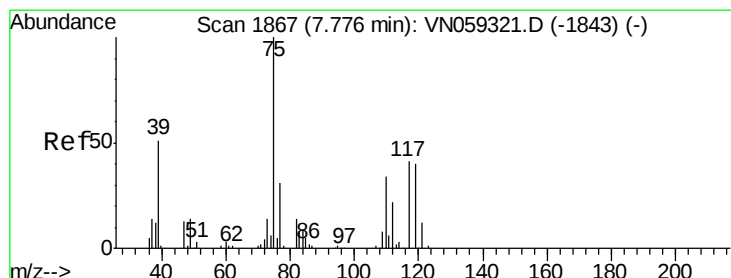
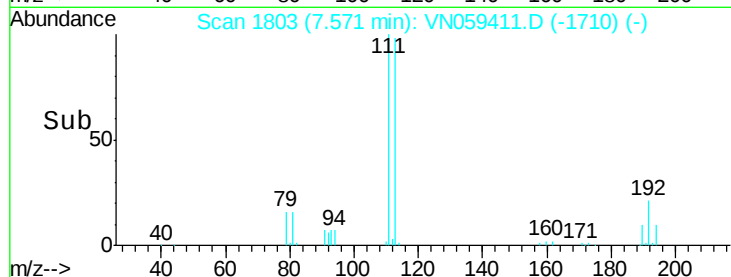
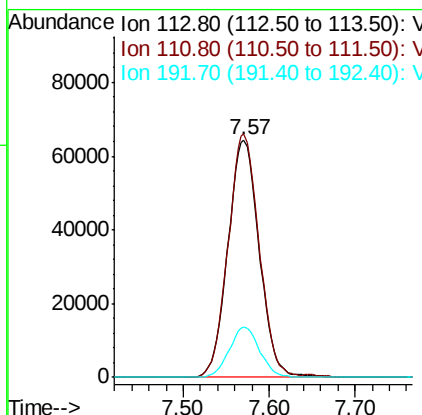
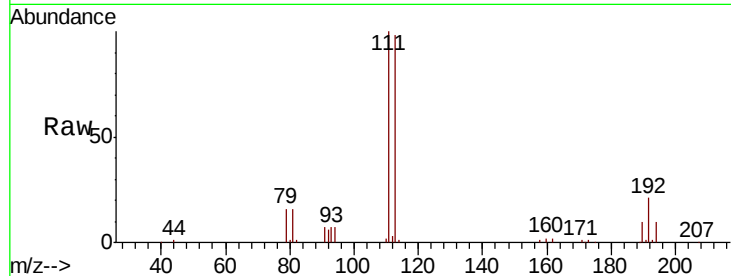




#35
Dibromofluoromethane
Concen: 50.378 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

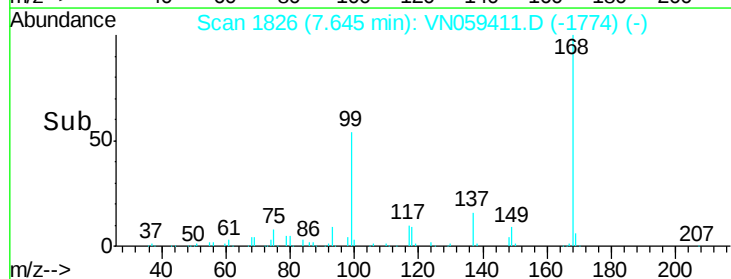
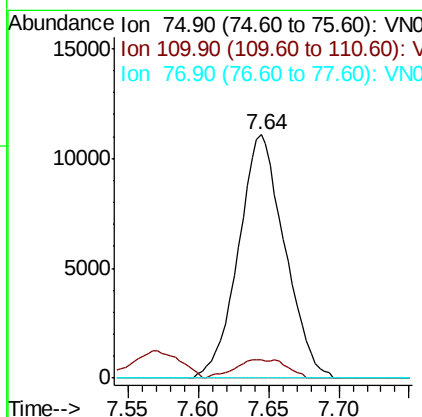
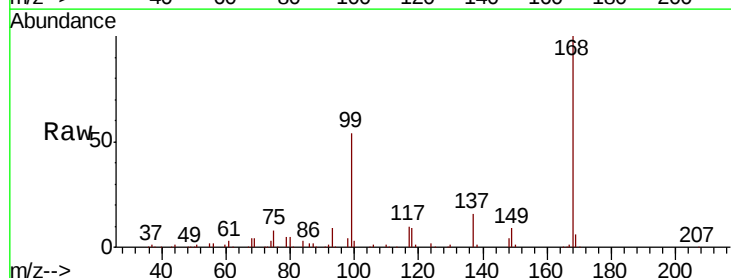
Instrument :
MSVOA_N
ClientSampleId :
AU-06-112219

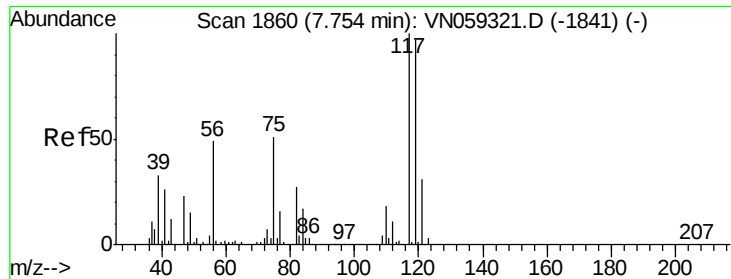
Tot Ion:113 Resp: 162939
Ion Ratio Lower Upper
113 100
111 101.1 82.7 124.1
192 20.6 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.555 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

Tgt Ion: 75 Resp: 25351
Ion Ratio Lower Upper
75 100
110 5.1 17.0 51.0#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.002 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

AU-06-112219

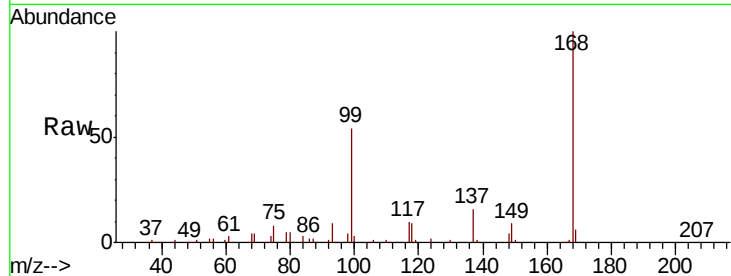
Tot Ion:117 Resp: 31976

Ion Ratio Lower Upper

117 100

119 5.6 77.0 115.4#

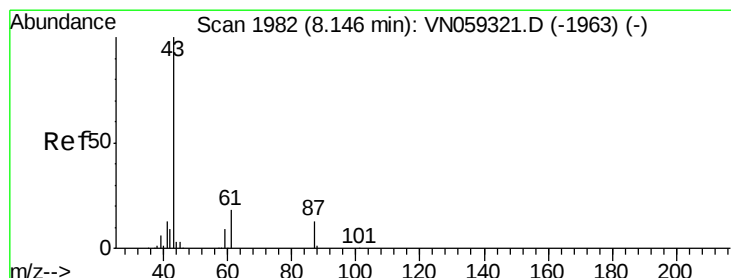
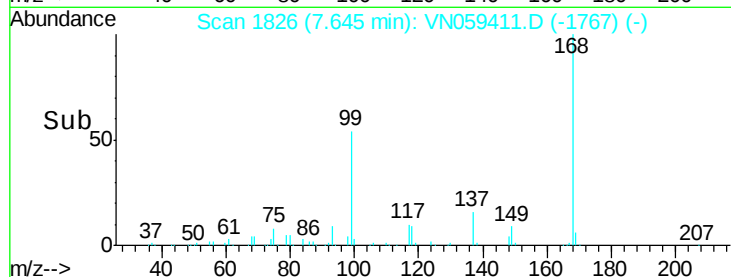
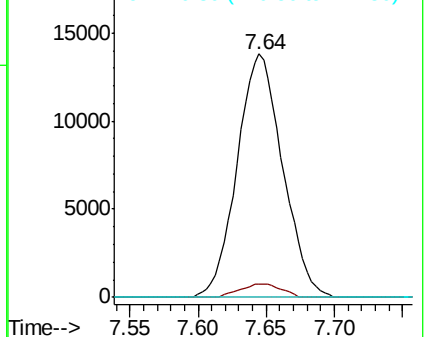
121 0.0 24.4 36.6#



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: 8.685 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

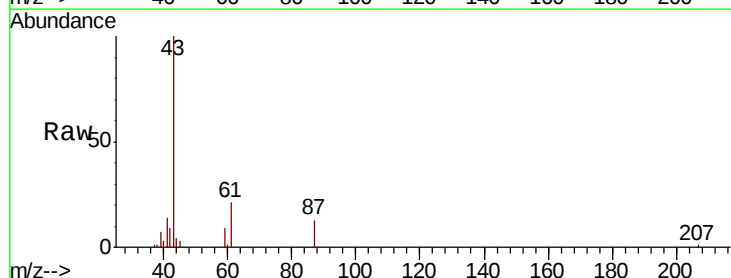
Tgt Ion: 43 Resp: 79392

Ion Ratio Lower Upper

43 100

61 20.8 21.7 32.5#

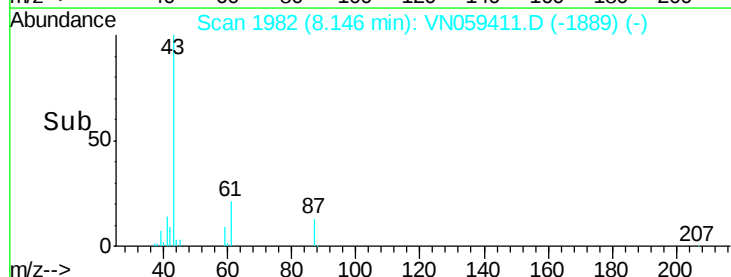
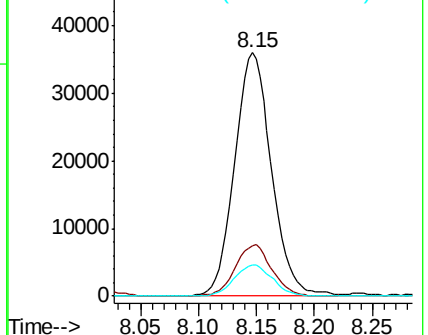
87 13.2 10.2 15.4

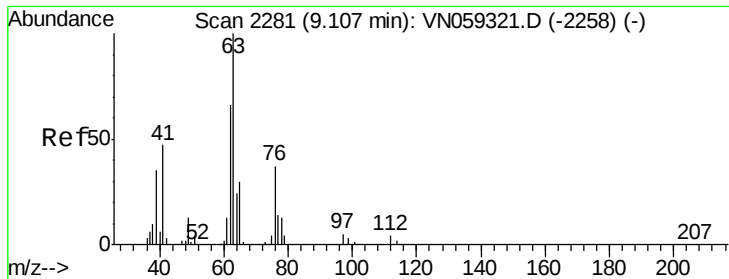


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.423 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

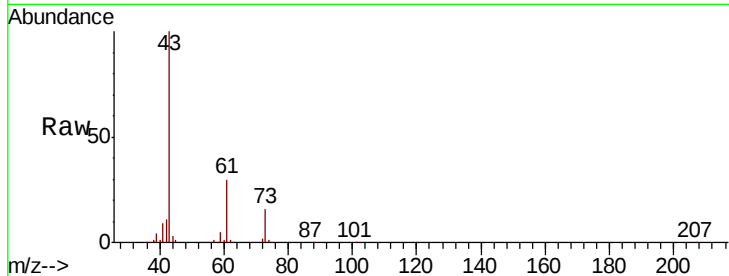
AU-06-112219

Tot Ion: 63 Resp: 1844

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC

1200

1000

800

600

400

200

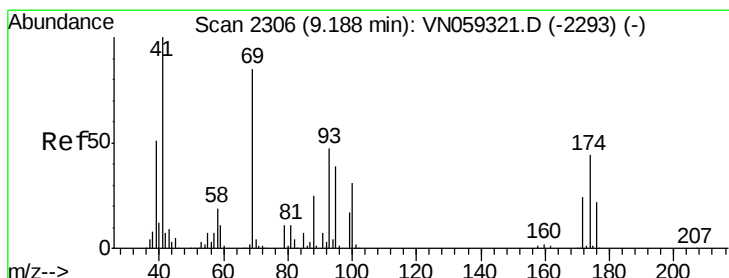
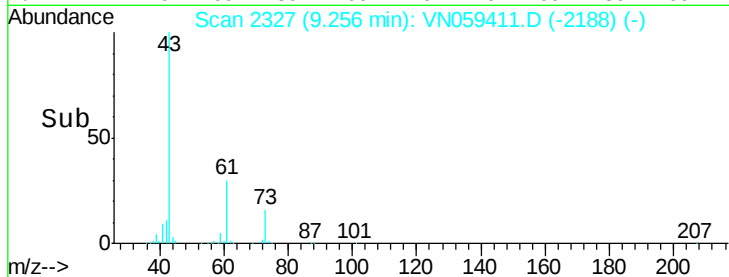
0

9.20

9.25

9.30

Time-->



#48

Methyl methacrylate

Concen: 1.281 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.02 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

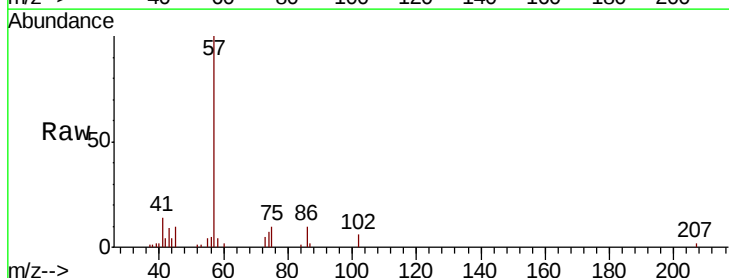
Tgt Ion: 41 Resp: 5326

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 0.0 42.1 63.1#



Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

60000

50000

40000

30000

20000

10000

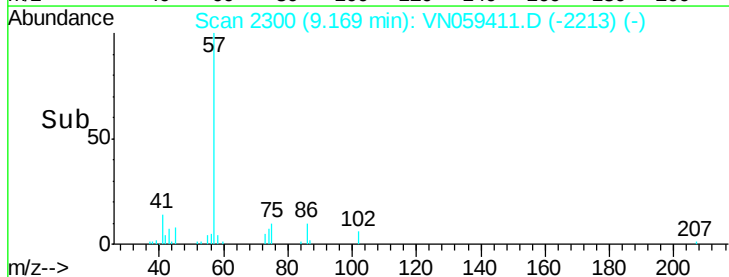
0

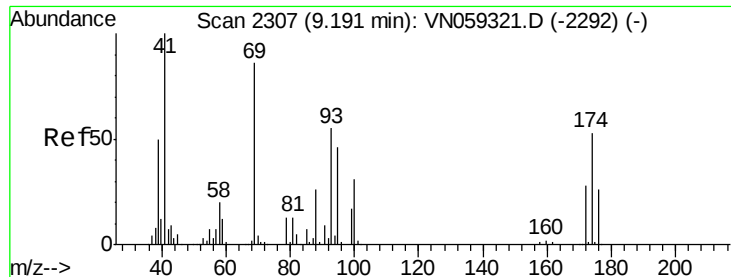
9.10

9.15

9.20

Time-->





#49

1,4-Dioxane

Concen: 2.033 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.06 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112219

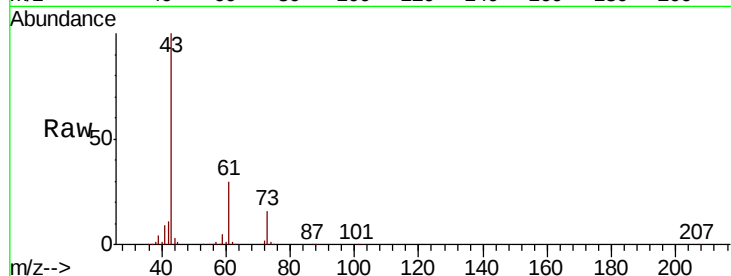
Tot Ion: 88 Resp: 127

Ion Ratio Lower Upper

88 100

43 1079554.3 26.9 40.3#

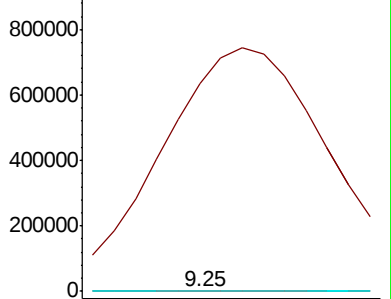
58 4594.5 59.2 88.8#



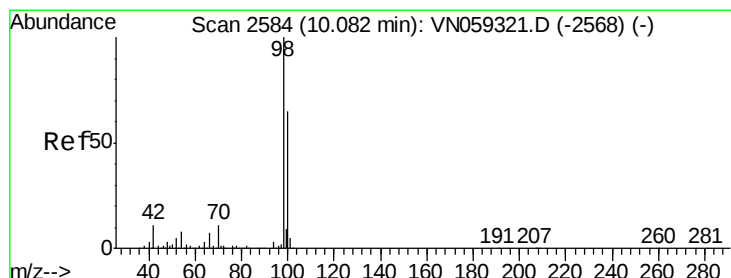
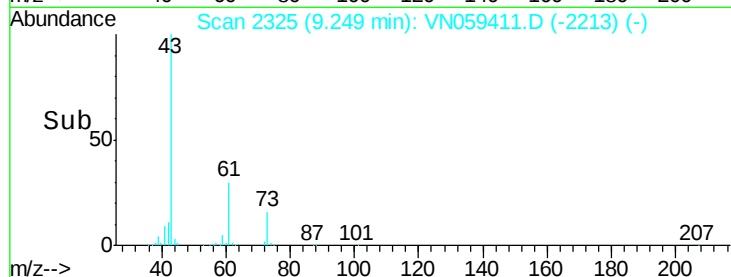
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 51.482 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059411.D

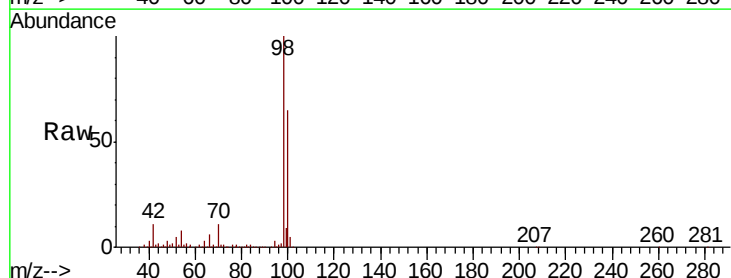
Acq: 26 Nov 2019 16:58

Tgt Ion: 98 Resp: 661955

Ion Ratio Lower Upper

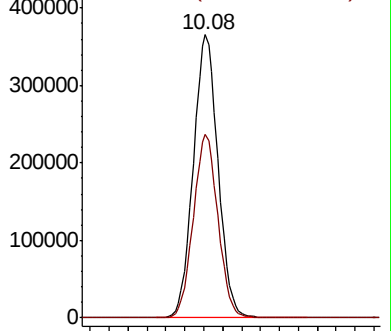
98 100

100 64.7 51.7 77.5

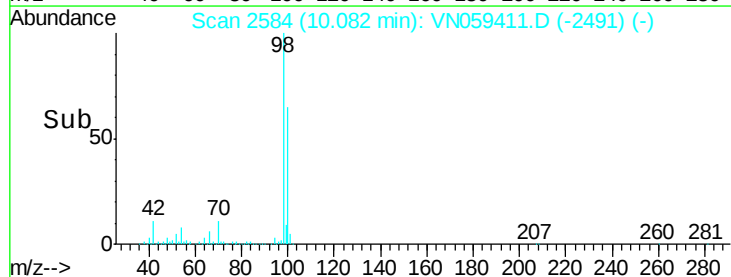


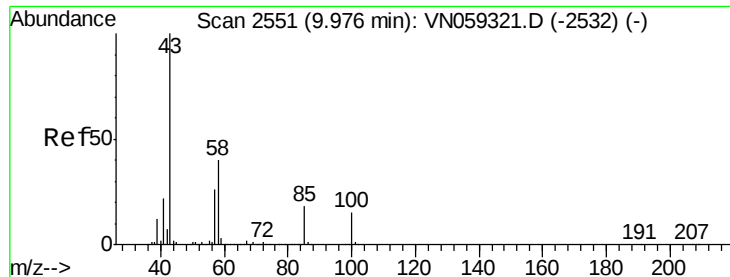
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.054 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

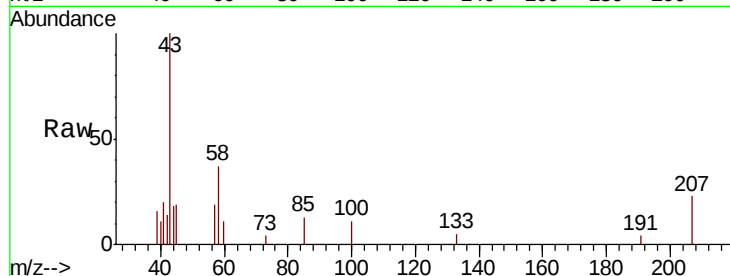
AU-06-112219

Tot Ion: 43 Resp: 5641

Ion Ratio Lower Upper

43 100

58 42.7 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

3000

2000

1000

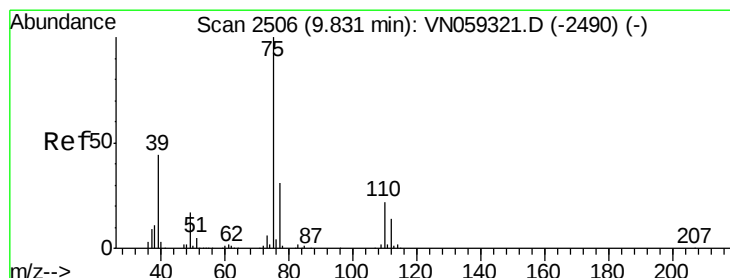
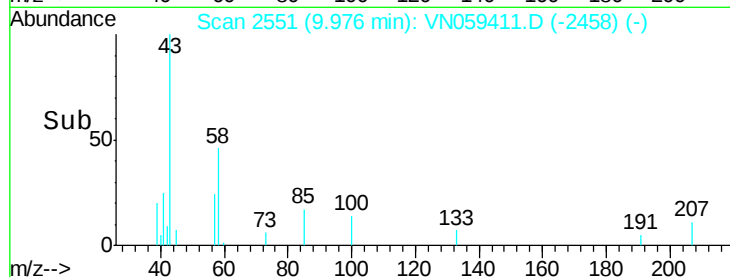
0

9.95

9.98

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.204 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

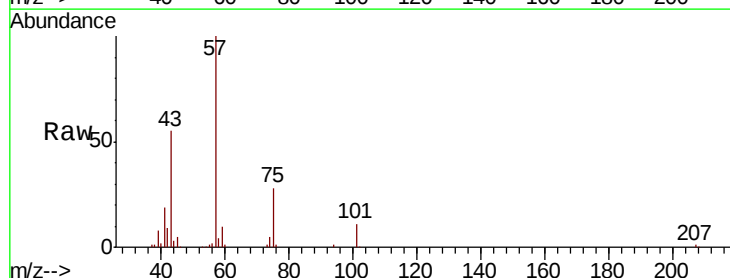
Tgt Ion: 75 Resp: 35127

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 28.9 35.5 53.3#



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

25000

20000

15000

10000

5000

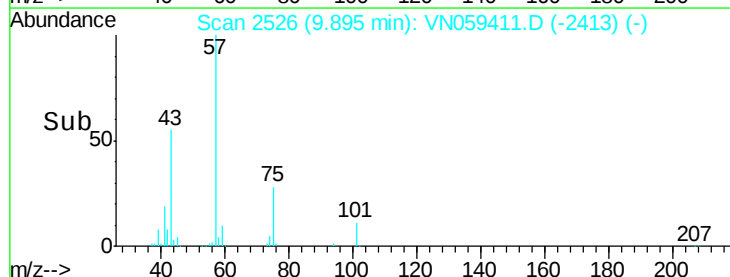
0

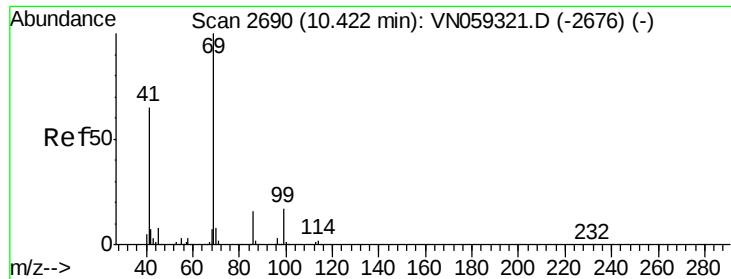
9.85

9.90

9.95

Time-->





#56

Ethyl methacrylate

Concen: 2.339 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

AU-06-112219

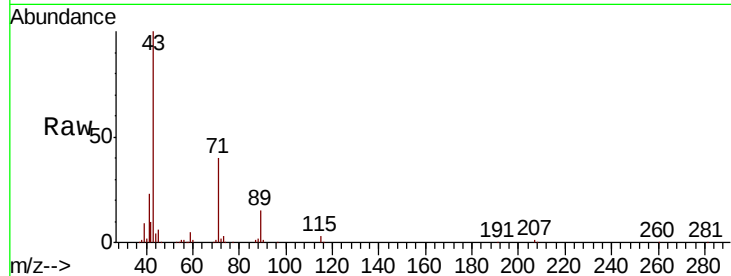
Tot Ion: 69 Resp: 989

Ion Ratio Lower Upper

69 100

41 5824.1 51.7 77.5#

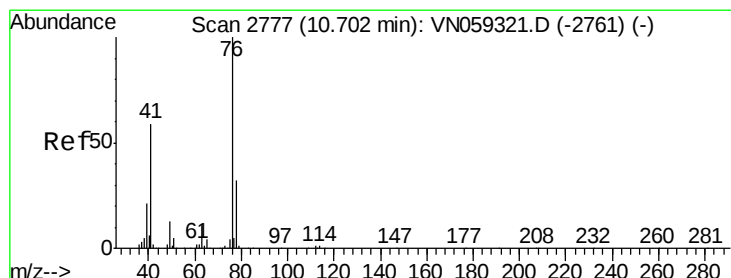
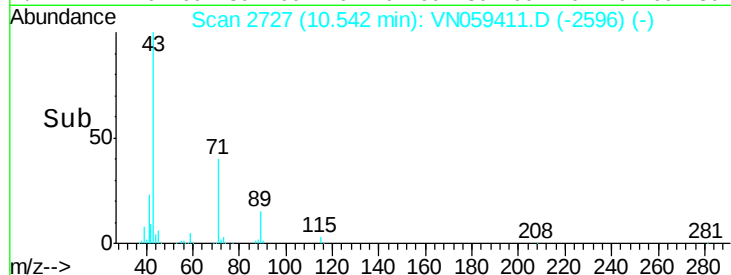
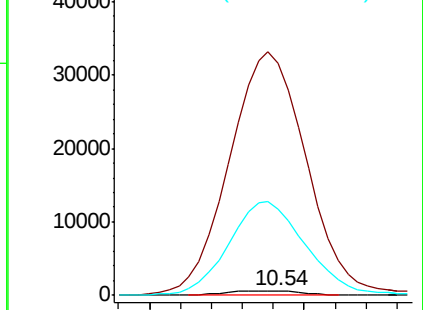
39 2250.6 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.887 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059411.D

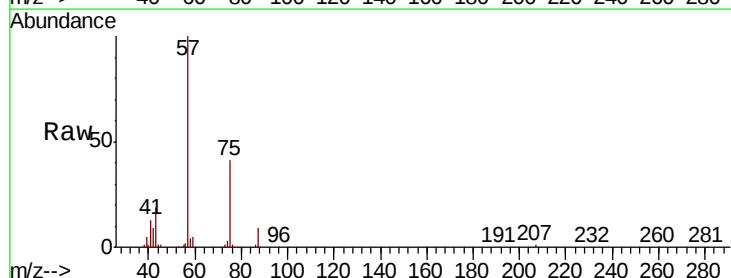
Acq: 26 Nov 2019 16:58

Tgt Ion: 76 Resp: 5906

Ion Ratio Lower Upper

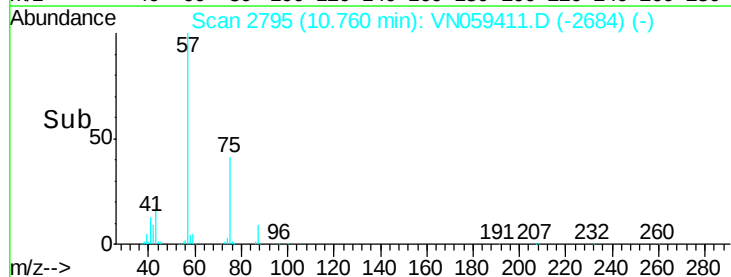
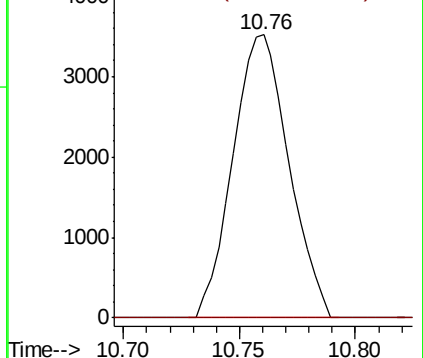
76 100

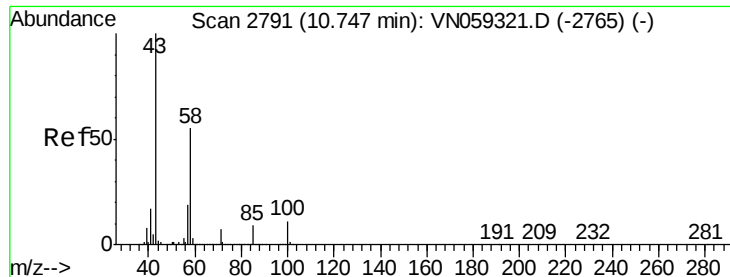
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

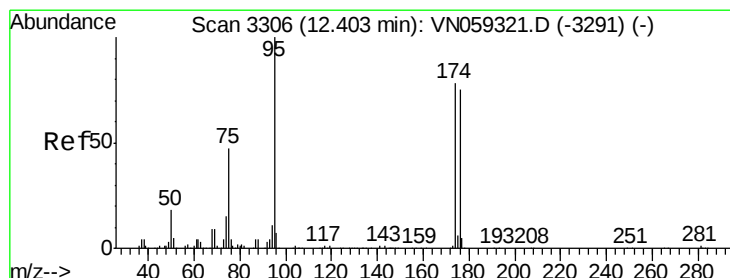
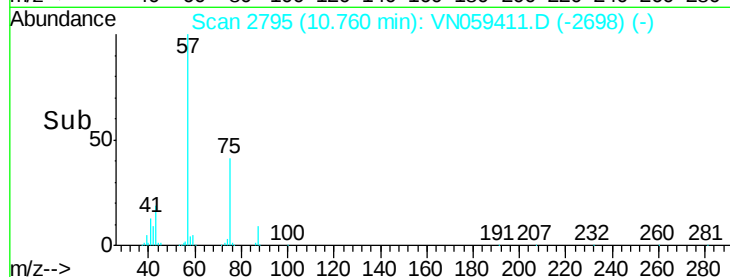
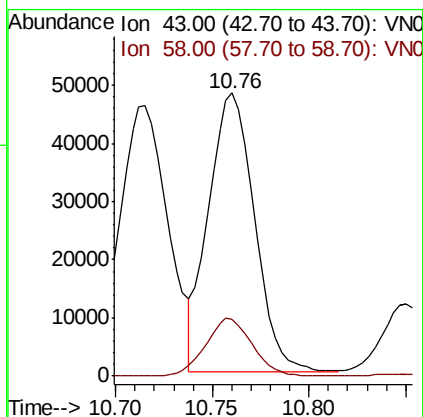
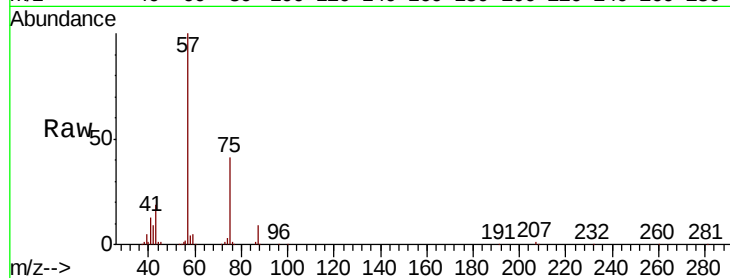




#59
2-Hexanone
Concen: 20.328 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

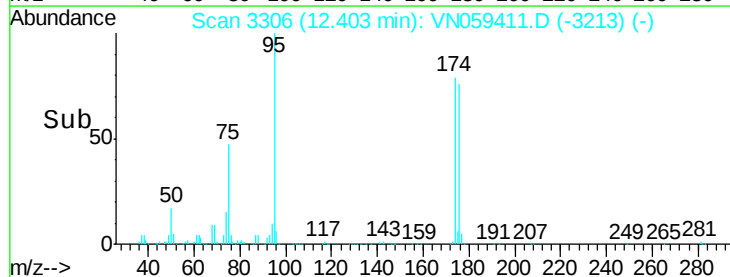
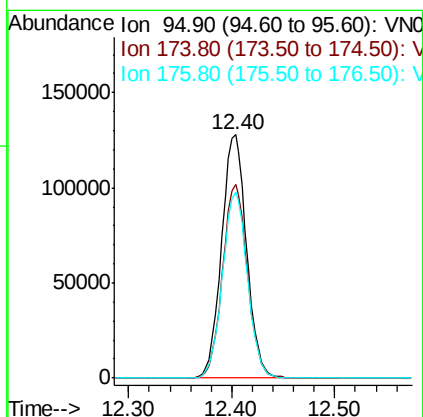
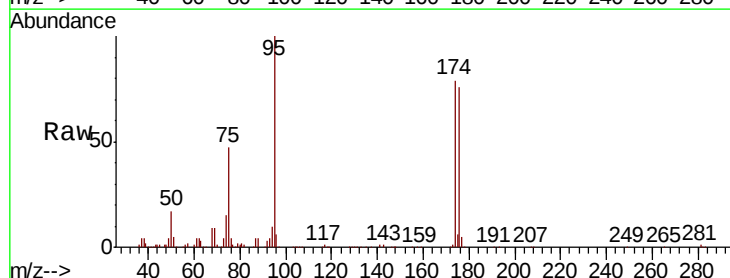
Instrument :
MSVOA_N
ClientSampled :
AU-06-112219

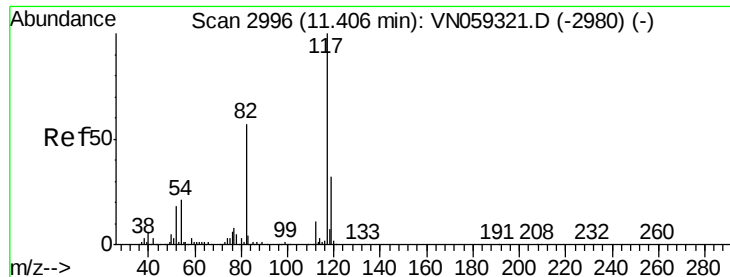
Tot Ion: 43 Resp: 79643
Ion Ratio Lower Upper
43 100
58 20.9 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 47.978 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

Tgt Ion: 95 Resp: 215700
Ion Ratio Lower Upper
95 100
174 79.1 0.0 157.4
176 76.3 0.0 151.2

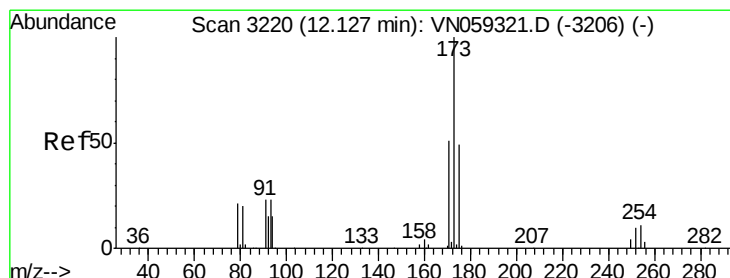
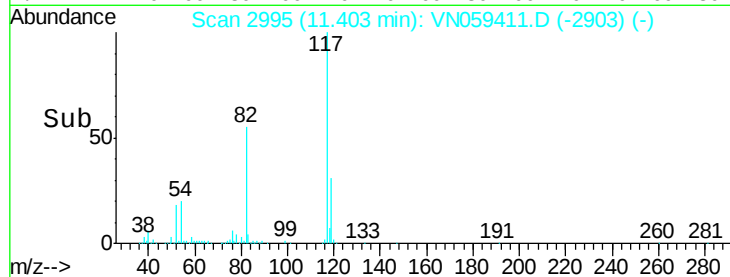
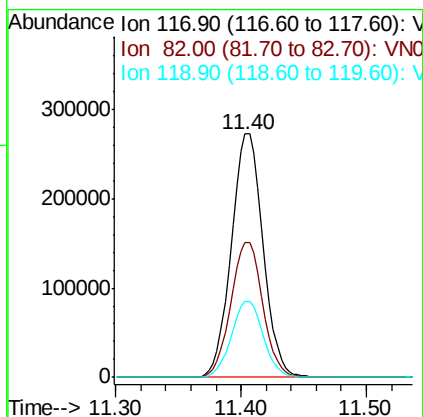
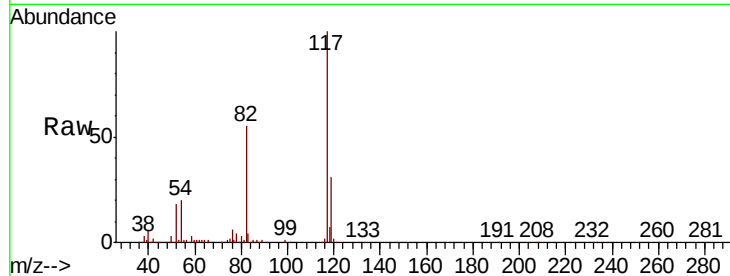




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

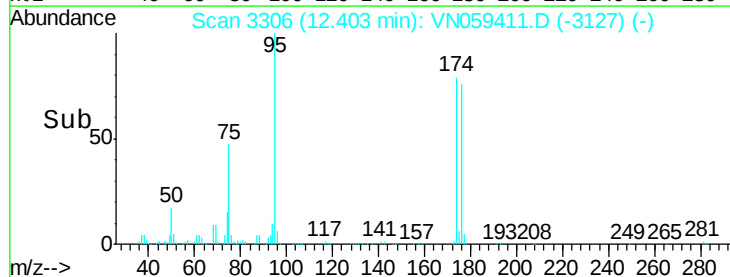
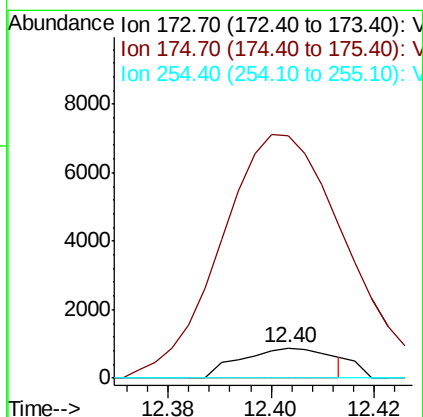
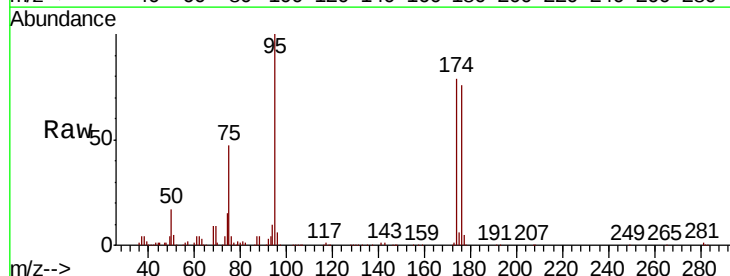
Instrument :
MSVOA_N
ClientSampled :
AU-06-112219

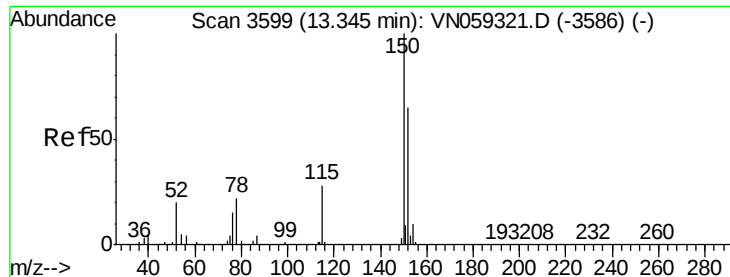
Tot Ion:117 Resp: 477647
Ion Ratio Lower Upper
117 100
82 55.3 45.7 68.5
119 31.2 25.8 38.6



#71
Bromoform
Concen: 0.374 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

Tgt Ion:173 Resp: 1057
Ion Ratio Lower Upper
173 100
175 963.1 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112219

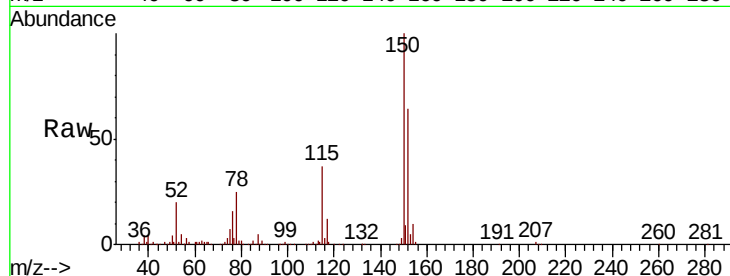
Tot Ion:152 Resp: 183702

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

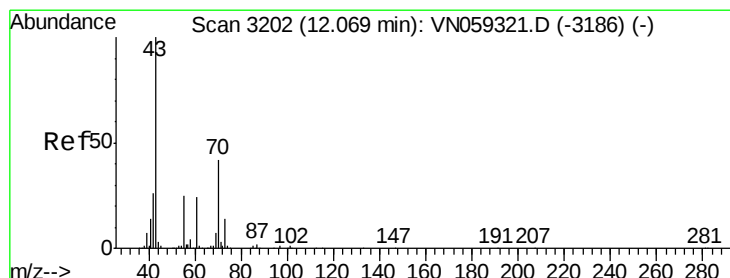
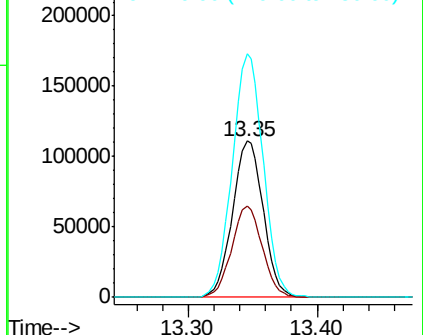
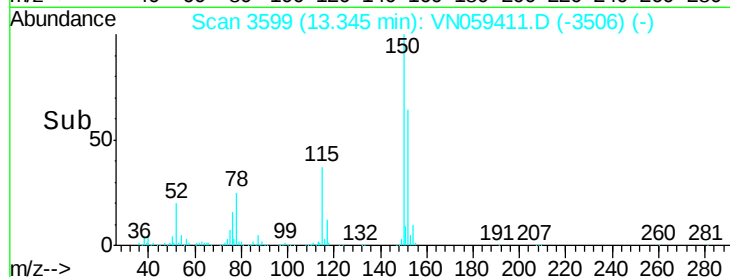
150 156.8 0.0 346.0



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: 0.731 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Tgt Ion: 43 Resp: 4424

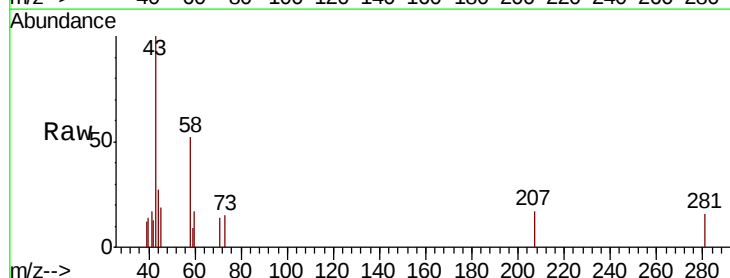
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#

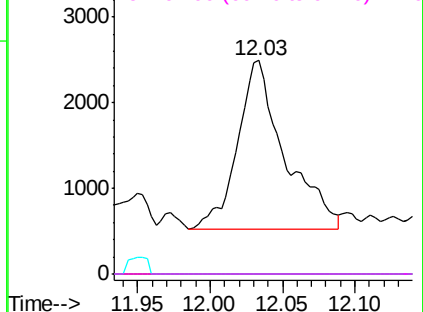
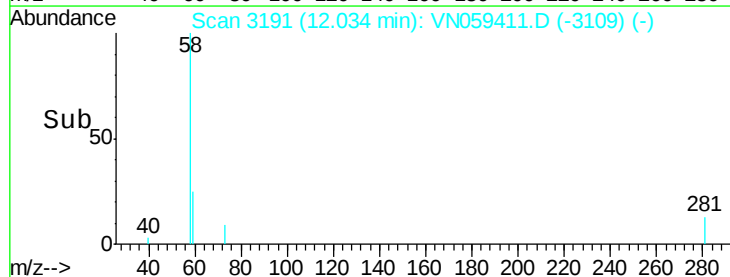


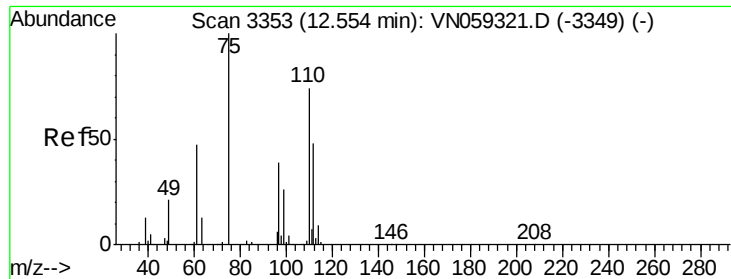
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 24.229 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

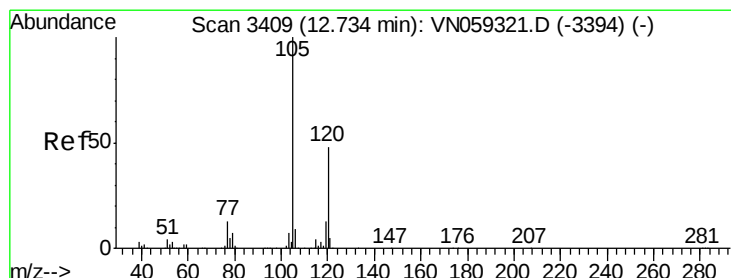
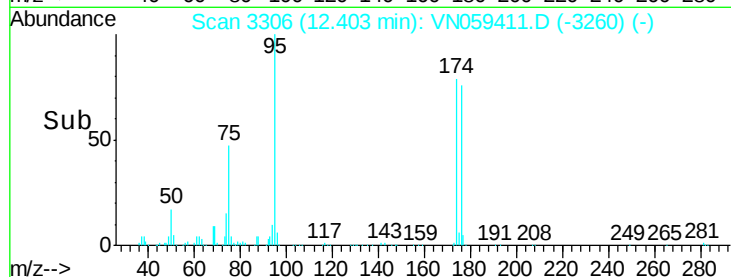
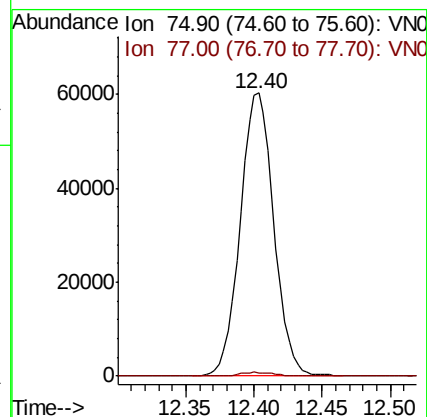
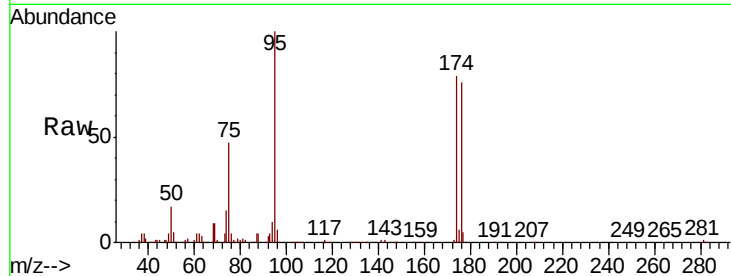
AU-06-112219

Tot Ion: 75 Resp: 102828

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.225 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059411.D

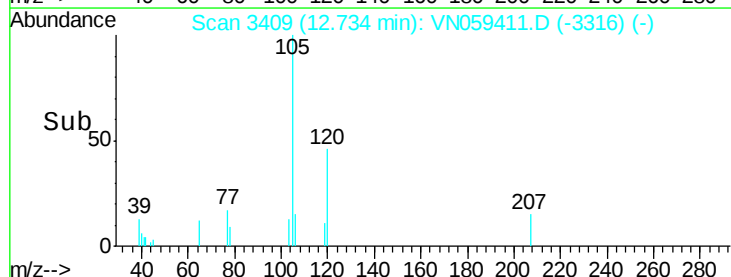
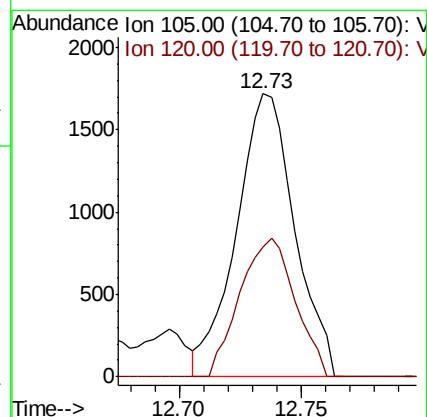
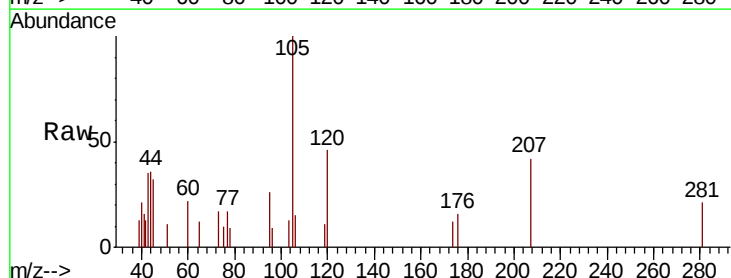
Acq: 26 Nov 2019 16:58

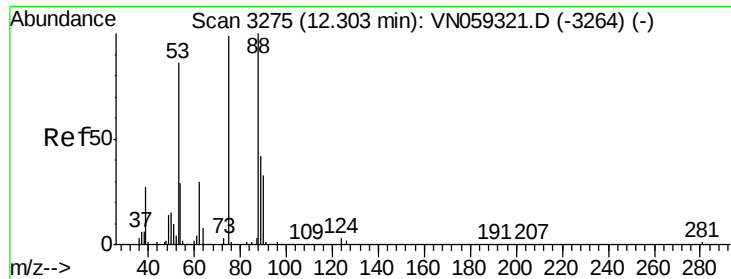
Tgt Ion: 105 Resp: 2843

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.4

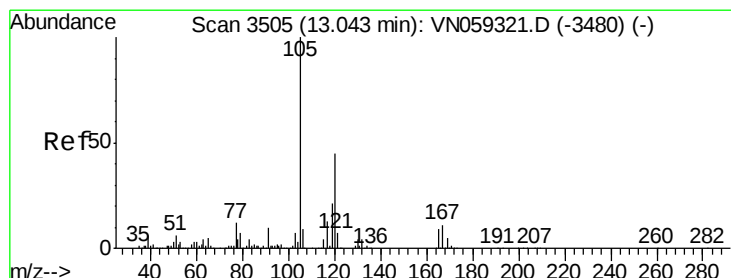
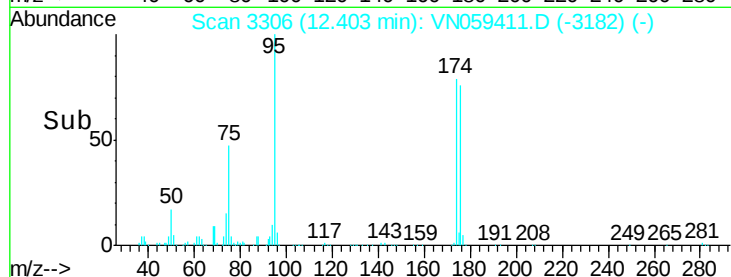
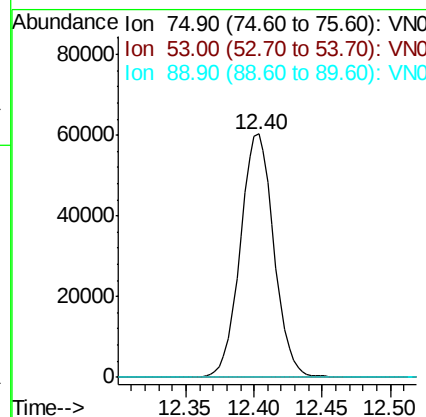
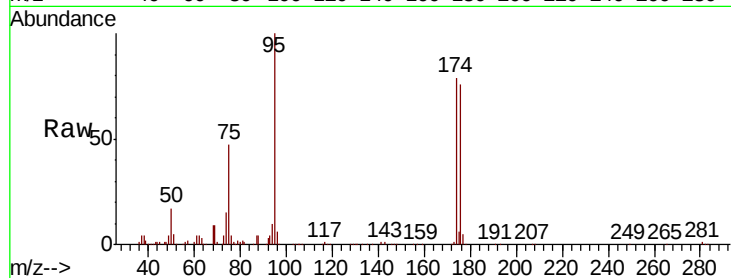




#81
trans-1,4-Dichloro-2-butene
Concen: 60.601 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

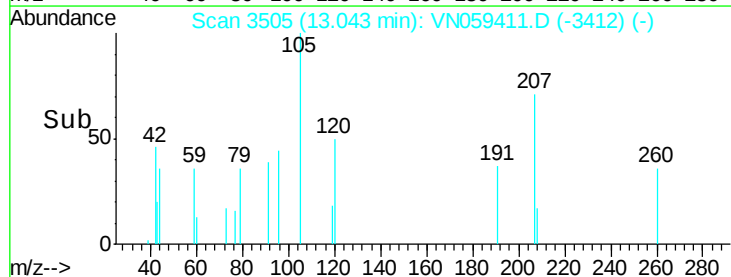
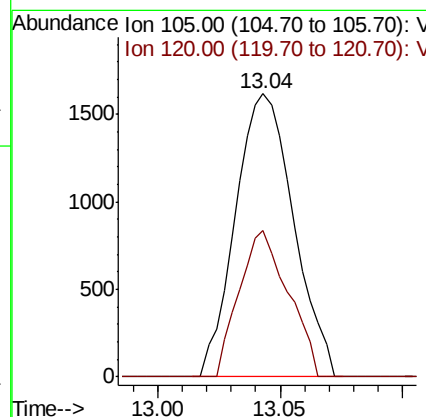
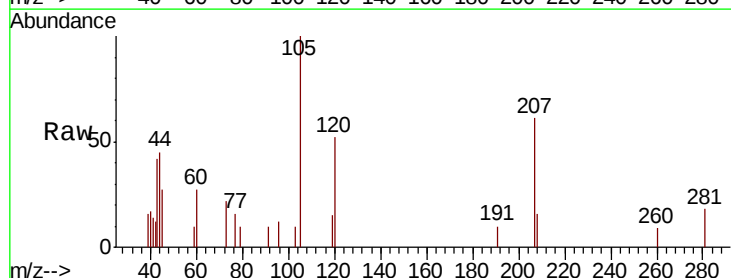
Instrument :
MSVOA_N
ClientSampled :
AU-06-112219

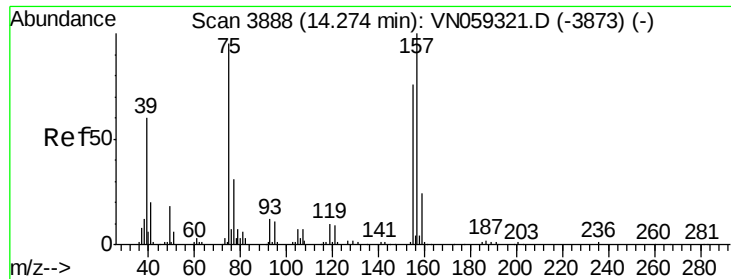
Tot Ion: 75 Resp: 102828
Ion Ratio Lower Upper
75 100
53 0.0 70.7 106.1#
89 0.0 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.216 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059411.D
Acq: 26 Nov 2019 16:58

Tgt Ion: 105 Resp: 2675
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.8





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.292 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

AU-06-112219

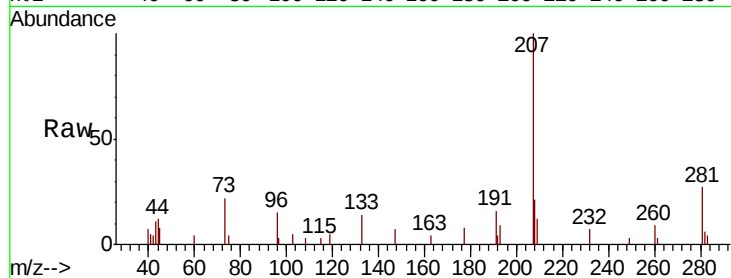
Tot Ion: 75 Resp: 309

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

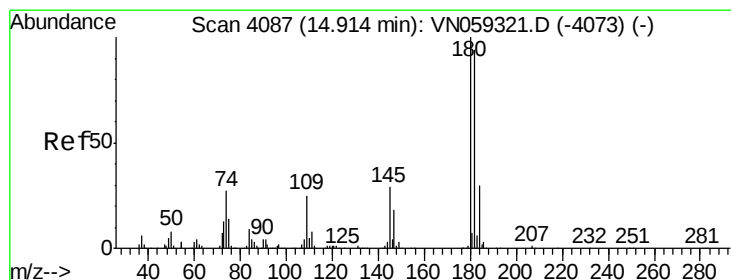
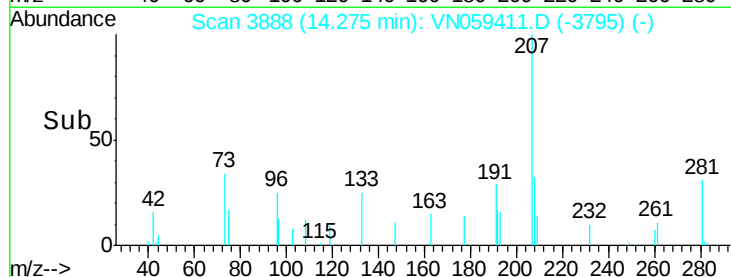
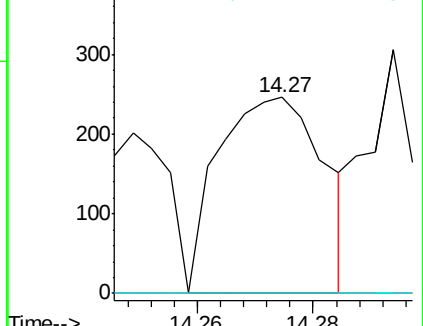
157 0.0 52.7 158.1#



Abundance Ion 74.90 (74.60 to 75.60): VN059411.D (-3795) (-)

Ion 154.80 (154.50 to 155.50): VN059411.D (-3795) (-)

Ion 156.80 (156.50 to 157.50): VN059411.D (-3795) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.953 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

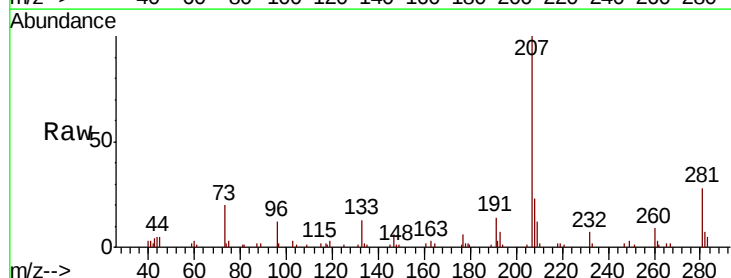
Tgt Ion: 180 Resp: 61

Ion Ratio Lower Upper

180 100

182 0.0 47.2 141.6#

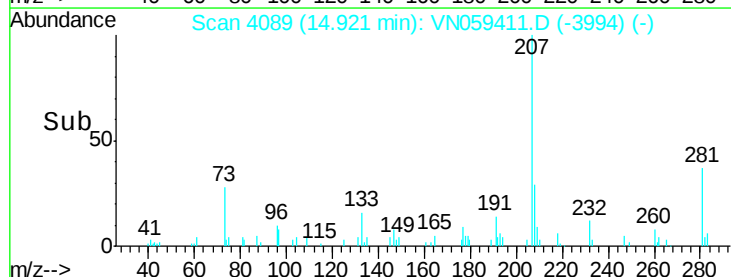
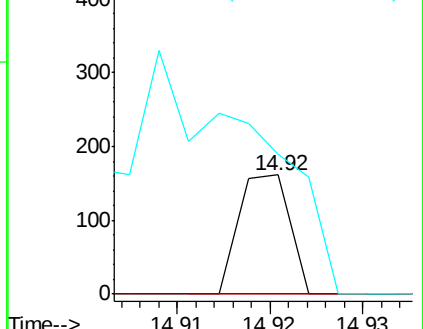
145 482.0 14.9 44.5#

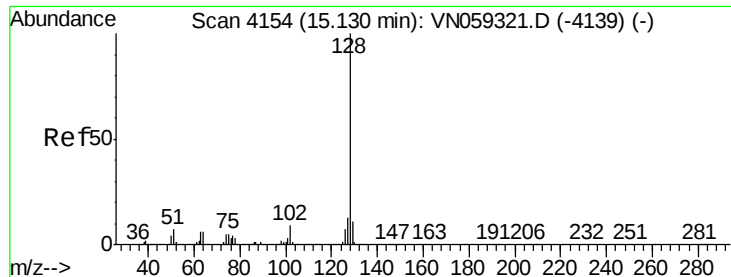


Abundance Ion 179.80 (179.50 to 180.50): VN059411.D (-3994) (-)

Ion 181.80 (181.50 to 182.50): VN059411.D (-3994) (-)

Ion 144.80 (144.50 to 145.50): VN059411.D (-3994) (-)





#95

Naphthalene

Concen: 3.866 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112219

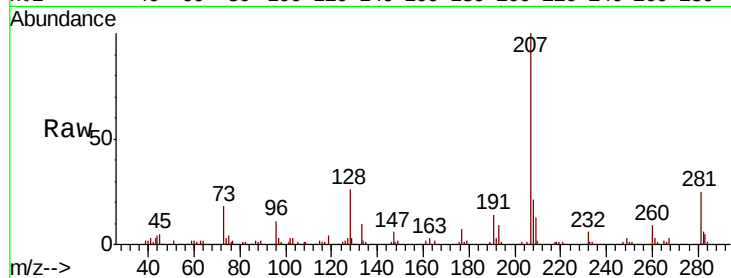
Tot Ion:128 Resp: 8067

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

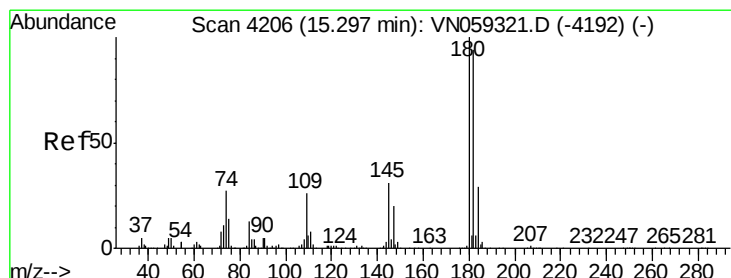
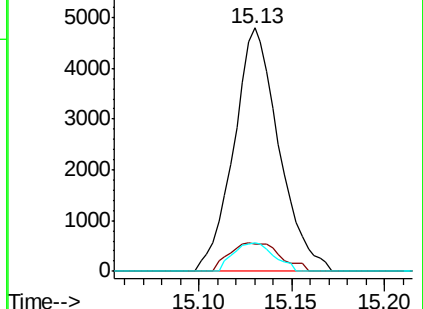
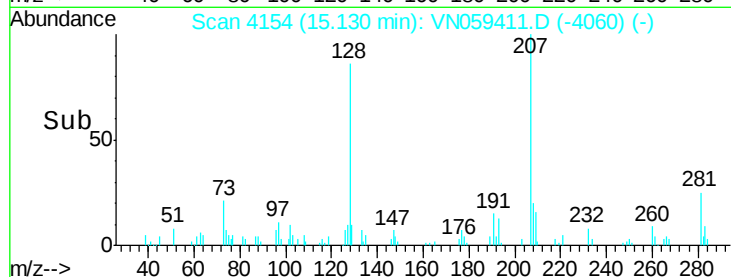
129 10.6 8.6 13.0



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: 2.038 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN059411.D

Acq: 26 Nov 2019 16:58

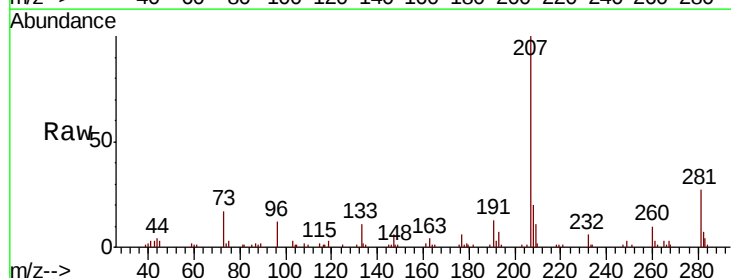
Tgt Ion:180 Resp: 546

Ion Ratio Lower Upper

180 100

182 36.3 47.1 141.4#

145 70.5 15.6 46.8#



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

