

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053636.D
 Acq On : 6 Feb 2019 15:50
 Operator : JC/SP
 Sample : K1338-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-020519-A

Quant Time: Feb 07 03:43:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	804199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1307786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1177467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	499460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	415294	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.59	113	412894	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.09	98	1563343	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	518834	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

Target Compounds

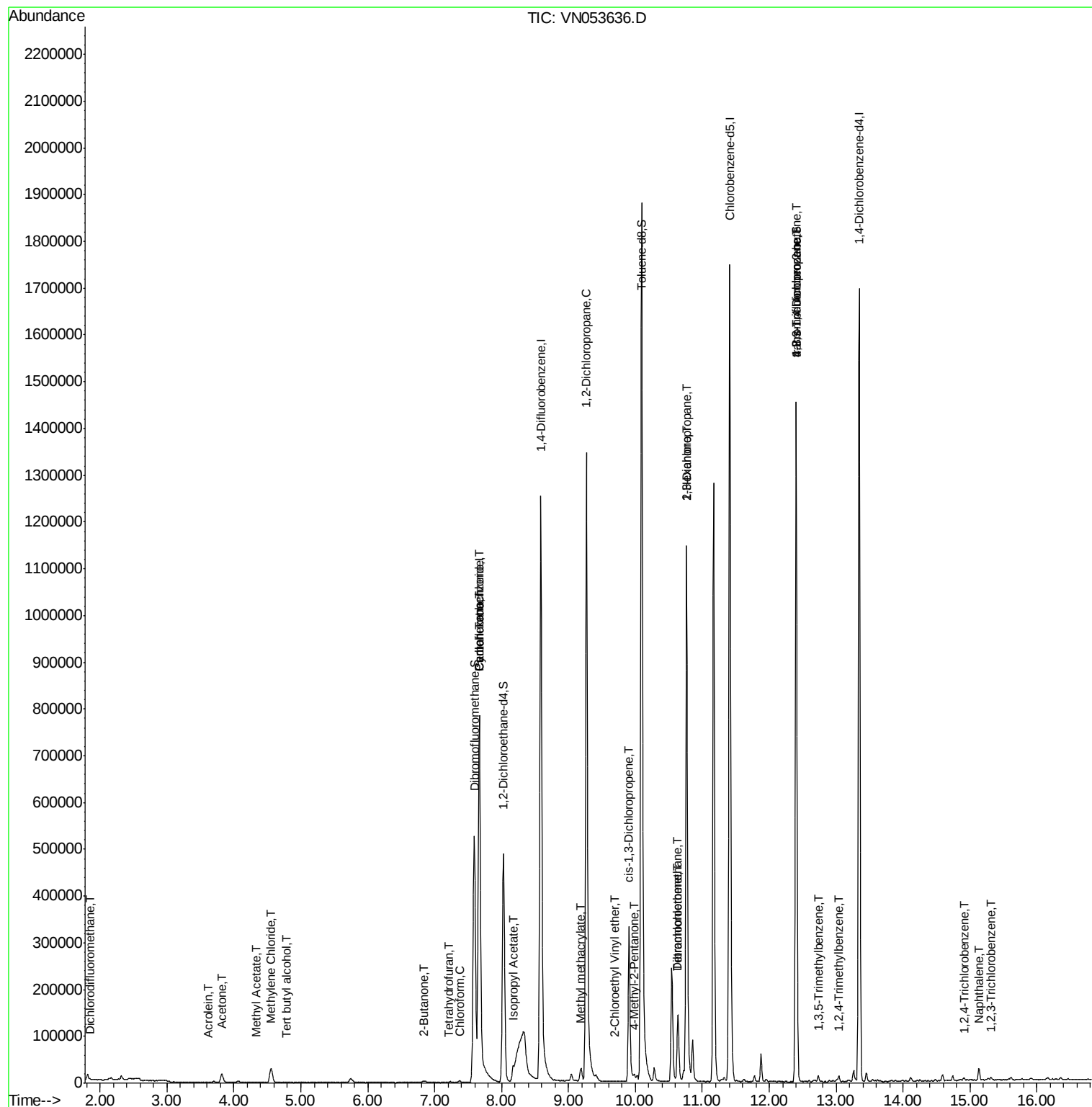
						Qvalue
2) Dichlorodifluoromethane	1.85	85	291	0.370	ug/l #	42
11) Tert butyl alcohol	4.79	59	413	0.865	ug/l #	72
13) Acrolein	3.61	56	469	1.804	ug/l #	61
16) Acetone	3.82	43	32390	15.652	ug/l	95
18) Methyl Acetate	4.34	43	3164	0.516	ug/l #	58
20) Methylene Chloride	4.55	84	24207	2.788	ug/l	98
25) 2-Butanone	6.85	43	6538	2.215	ug/l #	89
29) Tetrahydrofuran	7.20	42	912	0.481	ug/l #	64
30) Chloroform	7.37	83	4058	0.279	ug/l	96
31) Cyclohexane	7.67	56	11613	0.684	ug/l #	1
38) Carbon Tetrachloride	7.67	117	65574	5.522	ug/l #	16
43) Isopropyl Acetate	8.17	43	30473	2.397	ug/l #	84
45) 1,2-Dichloropropane	9.26	63	1893	0.204	ug/l #	43
48) Methyl methacrylate	9.18	41	11673	1.923	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	9414	1.507	ug/l #	84
54) cis-1,3-Dichloropropene	9.90	75	70716	5.114	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	12956	0.975	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	33	8.014	ug/l #	48
59) 2-Hexanone	10.77	43	174817	41.213	ug/l #	51
60) Dibromochloromethane	10.63	129	15746	1.796	ug/l #	11
64) Tetrachloroethene	10.63	164	18248	1.808	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	239086	37.268	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6318	0.217	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	239086	104.796	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	8298	0.280	ug/l	90
93) 1,2,4-Trichlorobenzene	14.91	180	2224	0.238	ug/l	91
95) Naphthalene	15.13	128	24627	2.820	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	2493	0.288	ug/l	91

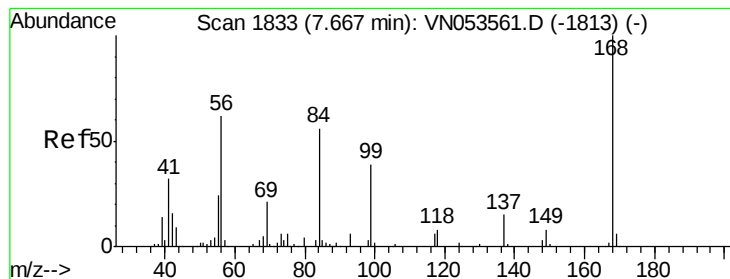
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020619\
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

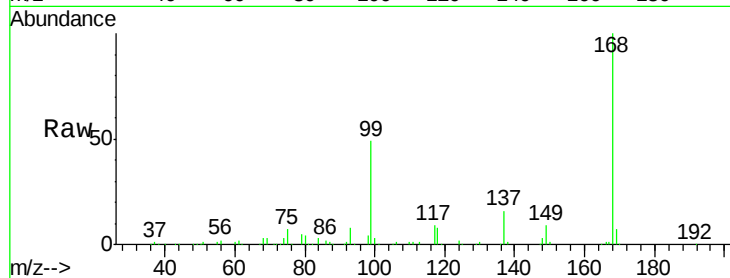
AU-06-020519-A

Tot Ion:168 Resp: 804199

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

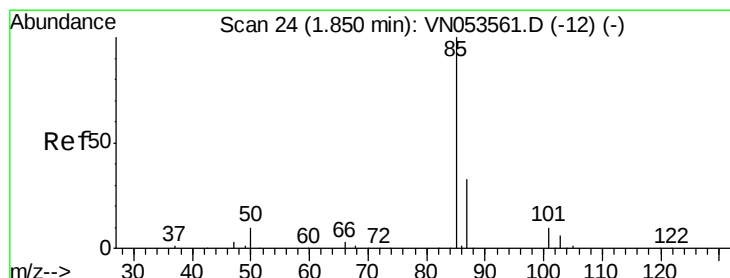
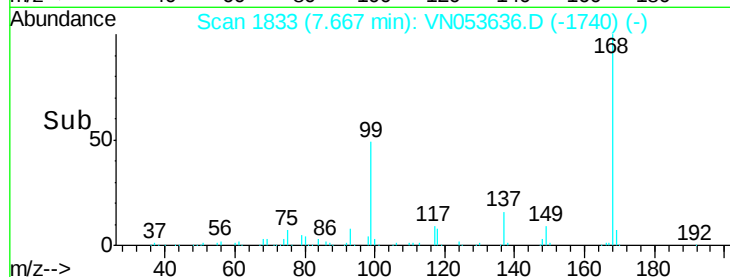
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.370 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053636.D

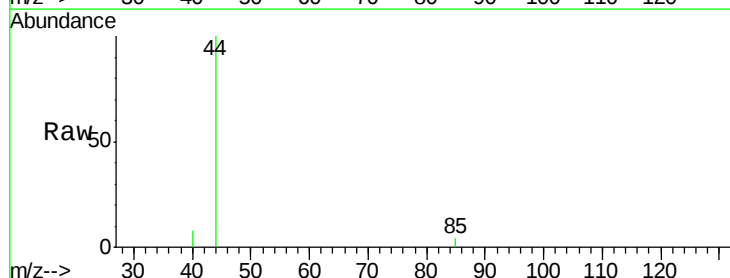
Acq: 6 Feb 2019 15:50

Tgt Ion: 85 Resp: 291

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

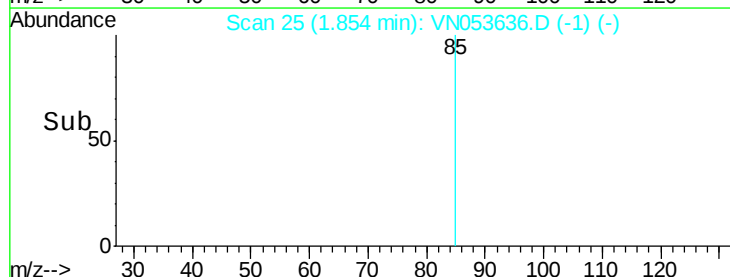
300

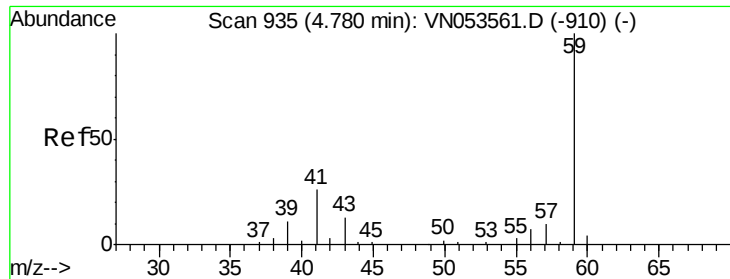
200

100

0

Time-->

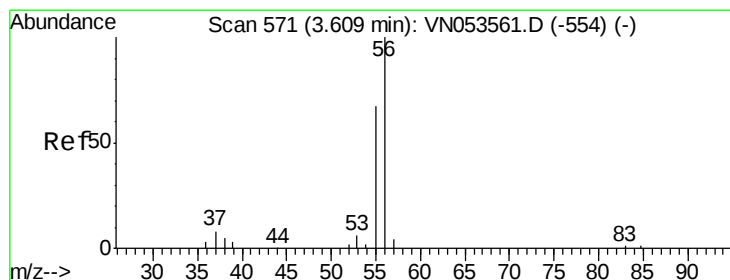
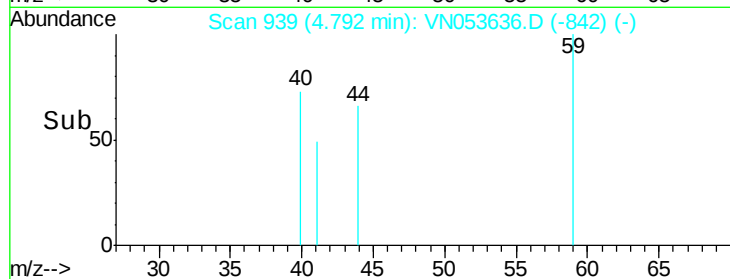
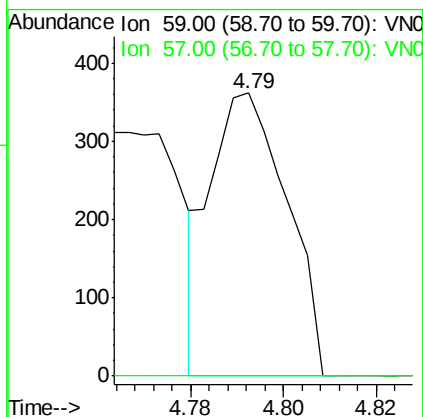
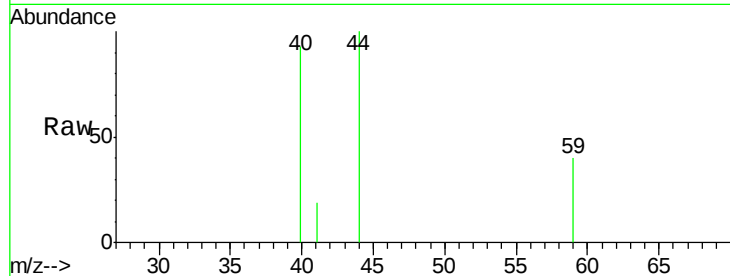




#11
Tert butyl alcohol
Concen: 0.865 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.01 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

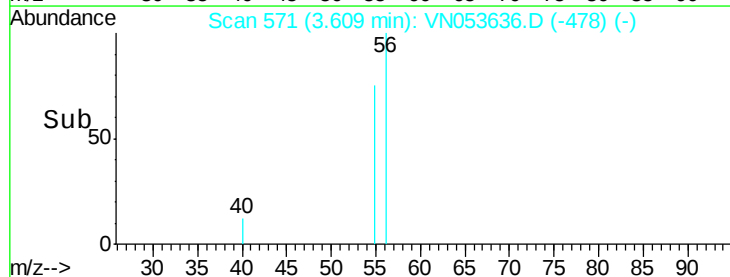
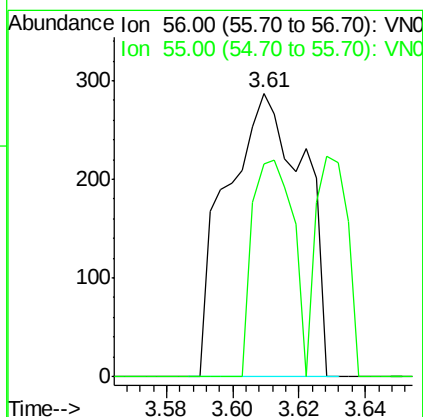
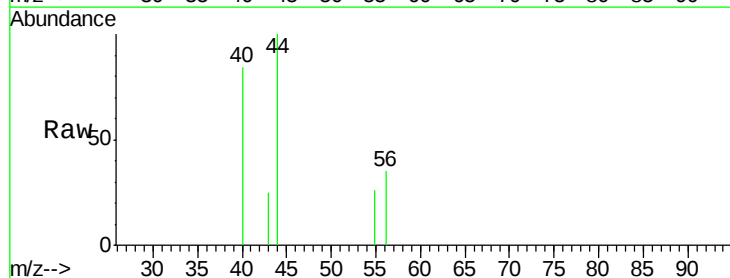
Instrument :
MSVOA_N
ClientSampleId :
AU-06-020519-A

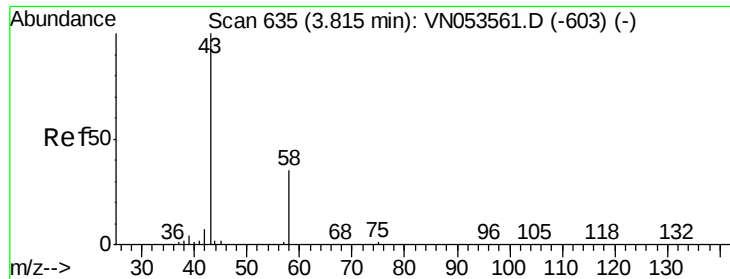
Tot Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.804 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

Tgt Ion: 56 Resp: 469
Ion Ratio Lower Upper
56 100
55 39.4 57.4 86.0#





#16

Acetone

Concen: 15.652 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

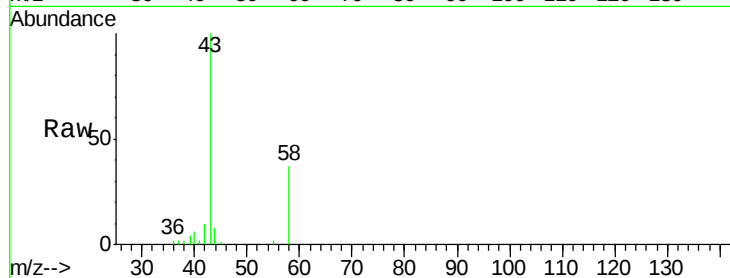
AU-06-020519-A

Tot Ion: 43 Resp: 32390

Ion Ratio Lower Upper

43 100

58 37.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

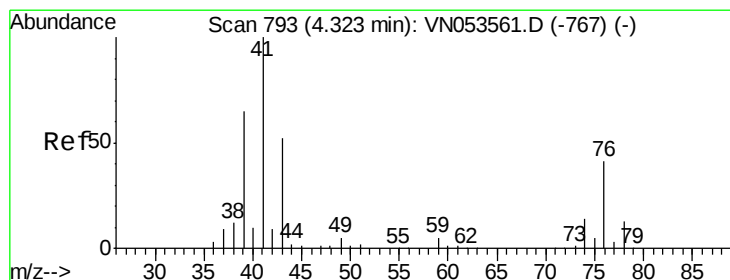
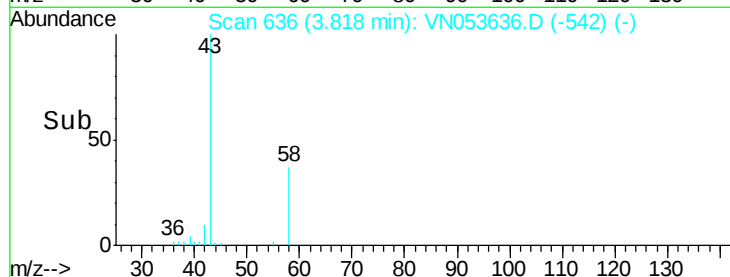
3.82

10000

5000

0

Time--> 3.70 3.80 3.90



#18

Methyl Acetate

Concen: 0.516 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN053636.D

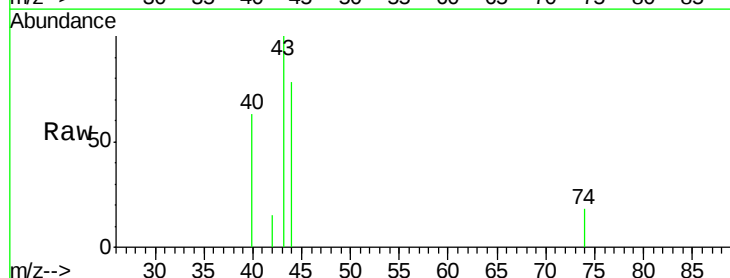
Acq: 6 Feb 2019 15:50

Tgt Ion: 43 Resp: 3164

Ion Ratio Lower Upper

43 100

74 3.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

1200

1000

800

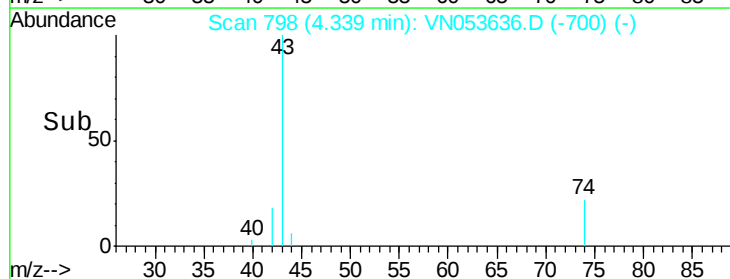
600

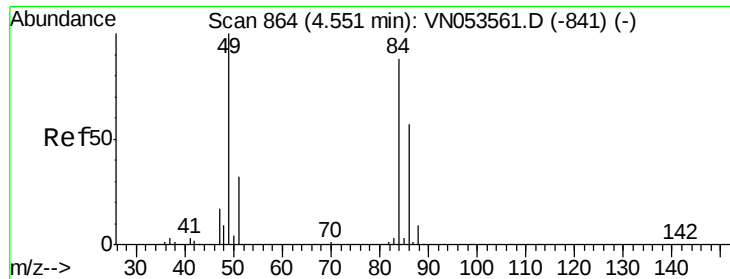
400

200

0

Time--> 4.25 4.30 4.35 4.40

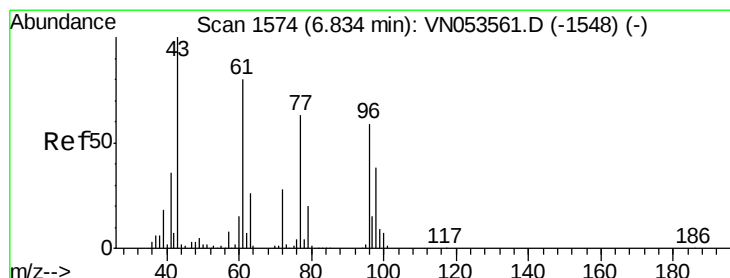
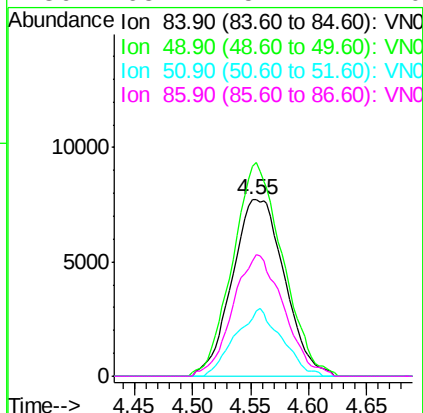
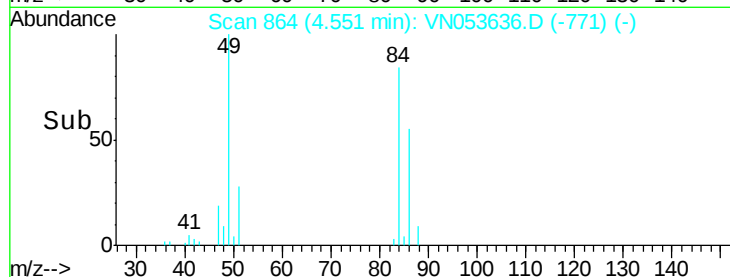
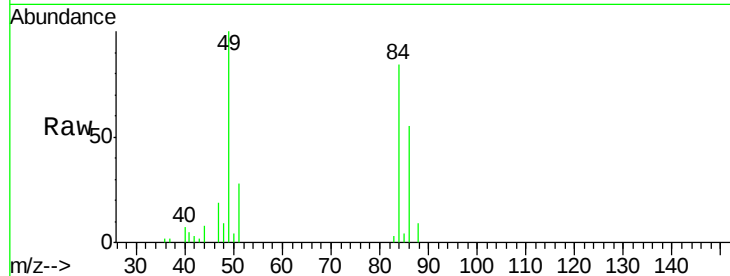




#20
Methvlene Chloride
Concen: 2.788 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

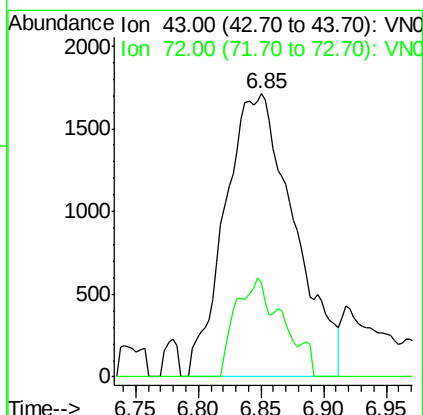
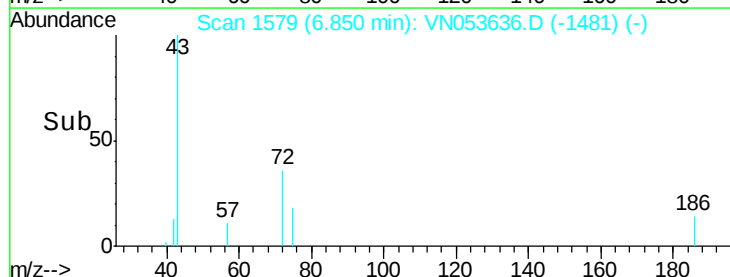
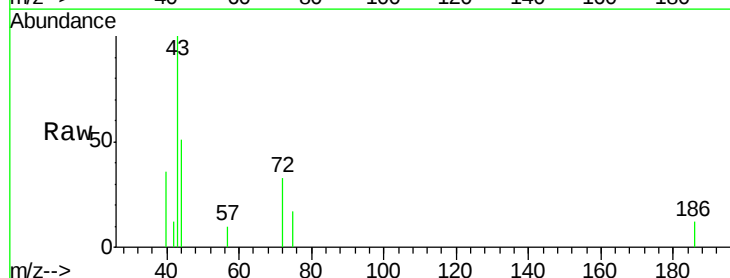
Instrument :
MSVOA_N
ClientSampleId :
AU-06-020519-A

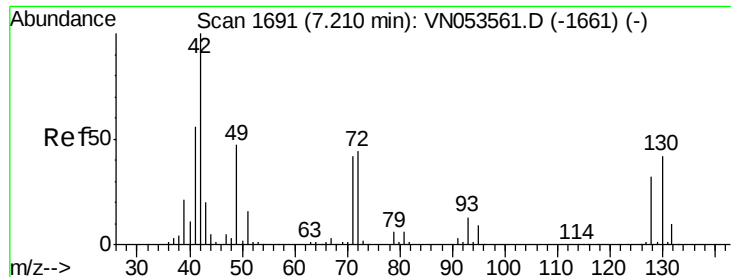
Tot Ion: 84 Resp: 24207
Ion Ratio Lower Upper
84 100
49 118.9 94.3 141.5
51 32.8 29.4 44.2
86 65.4 51.4 77.0



#25
2-Butanone
Concen: 2.215 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

Tgt Ion: 43 Resp: 6538
Ion Ratio Lower Upper
43 100
72 33.1 22.0 33.0#





#29

Tetrahydrofuran

Concen: 0.481 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

AU-06-020519-A

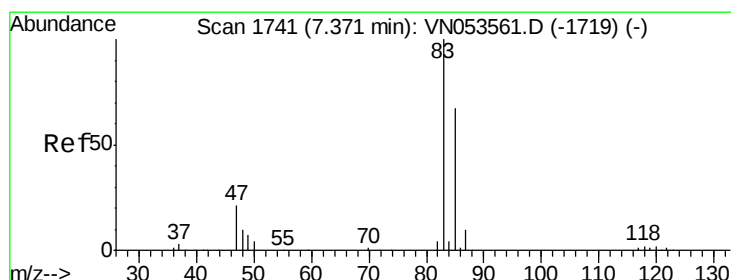
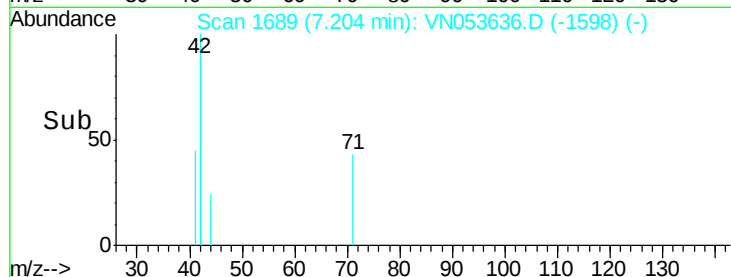
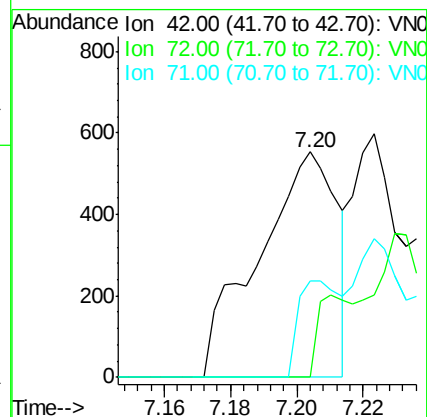
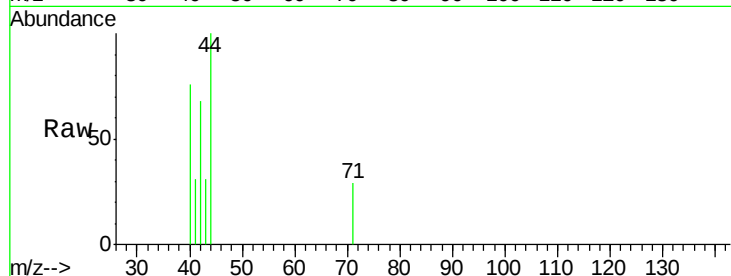
Tot Ion: 42 Resp: 912

Ion Ratio Lower Upper

42 100

72 16.0 35.2 52.8#

71 23.0 33.0 49.4#



#30

Chloroform

Concen: 0.279 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN053636.D

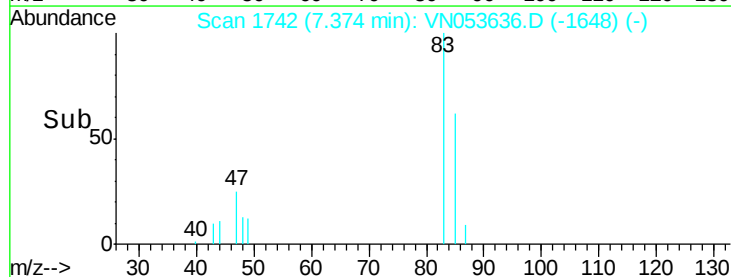
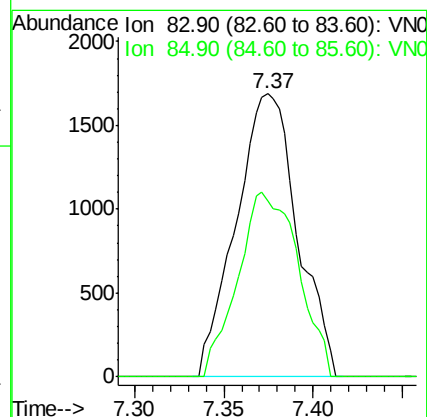
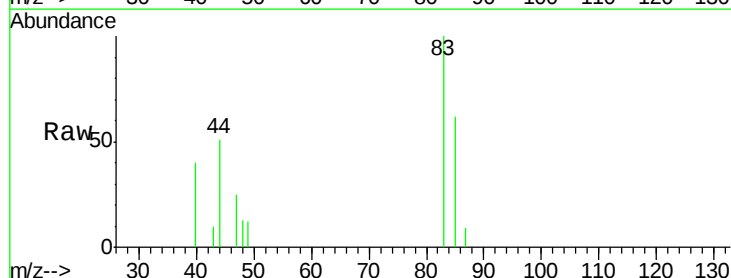
Acq: 6 Feb 2019 15:50

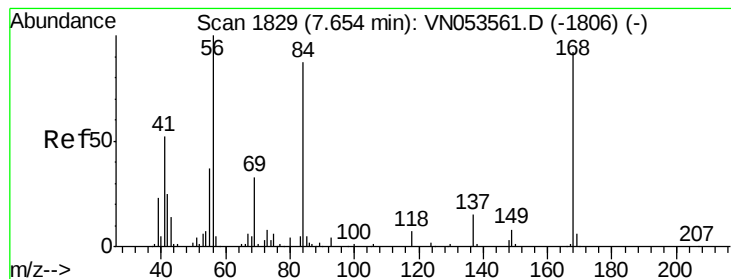
Tgt Ion: 83 Resp: 4058

Ion Ratio Lower Upper

83 100

85 62.0 52.2 78.2





#31

Cyclohexane

Concen: 0.684 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

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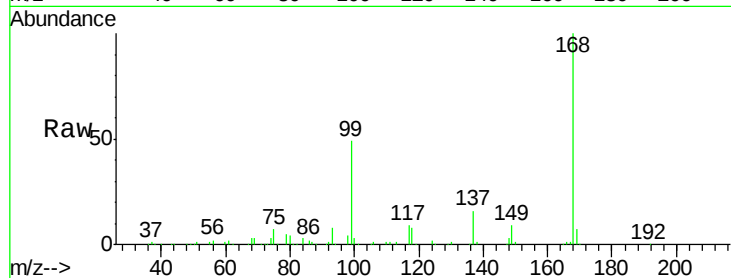
Tot Ion: 56 Resp: 11613

Ion Ratio Lower Upper

56 100

69 215.3 26.4 39.6#

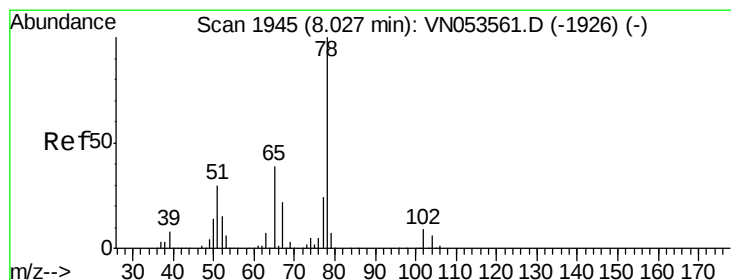
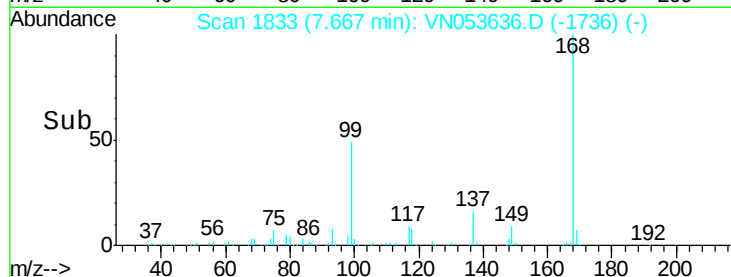
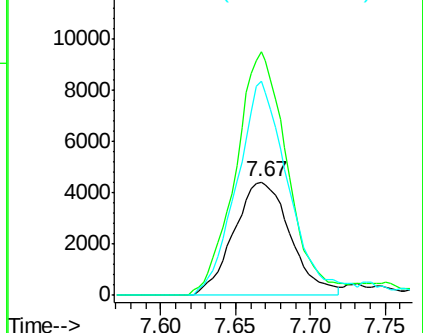
84 189.5 67.9 101.9#



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053636.D

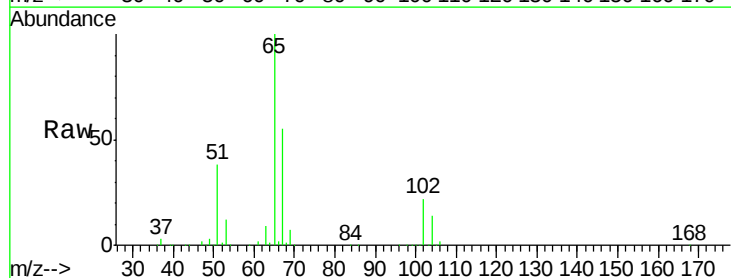
Acq: 6 Feb 2019 15:50

Tgt Ion: 65 Resp: 415294

Ion Ratio Lower Upper

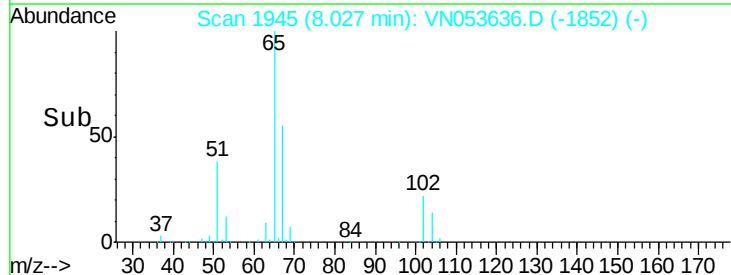
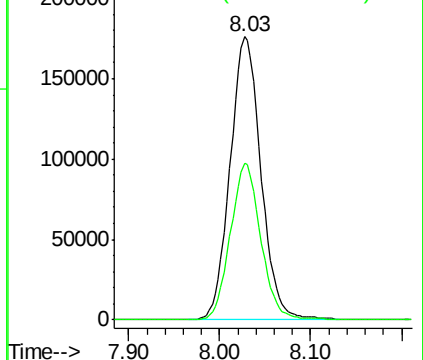
65 100

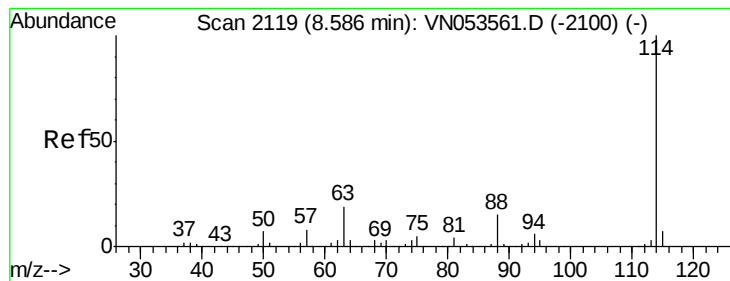
67 54.3 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-A

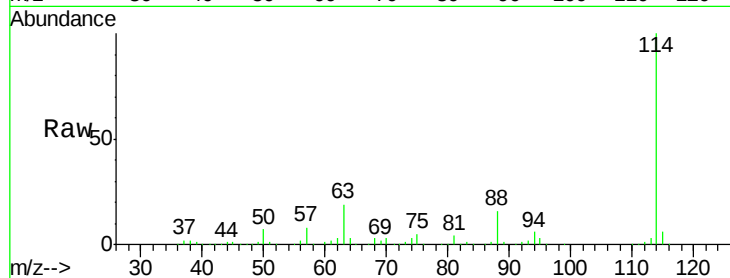
Tot Ion:114 Resp: 1307786

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

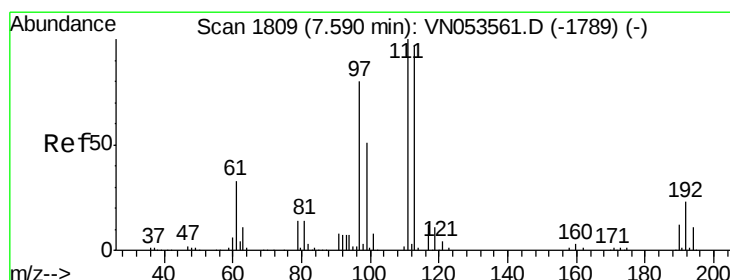
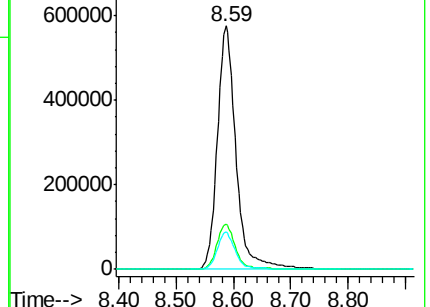
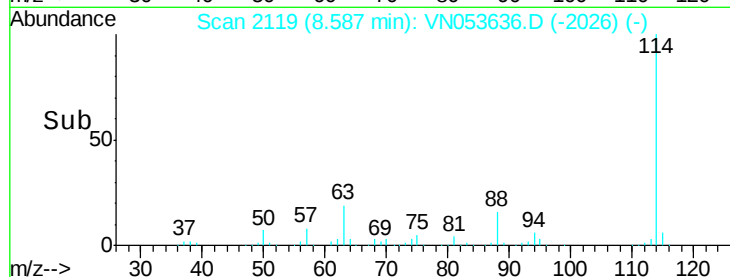
88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

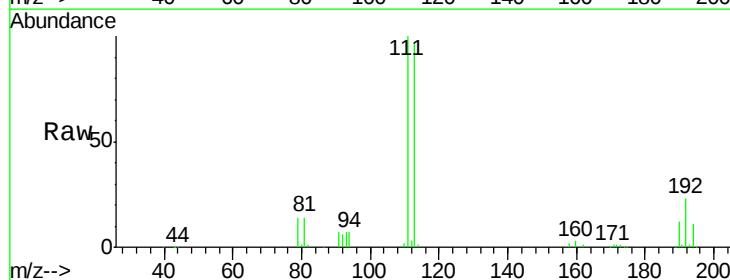
Tgt Ion:113 Resp: 412894

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

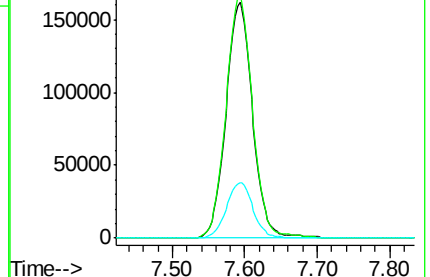
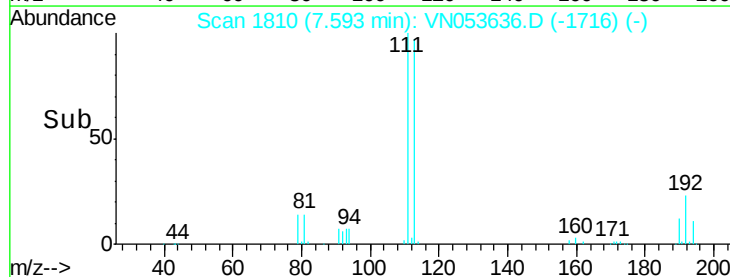
192 23.6 18.2 27.2

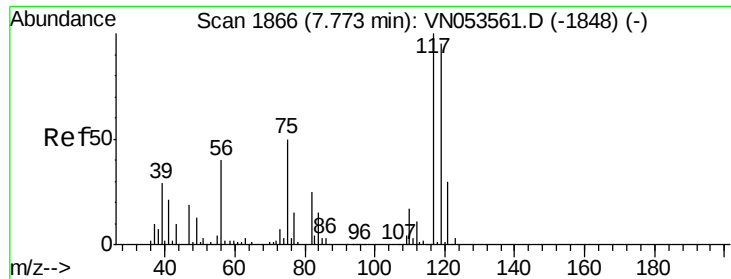


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 5.522 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-A

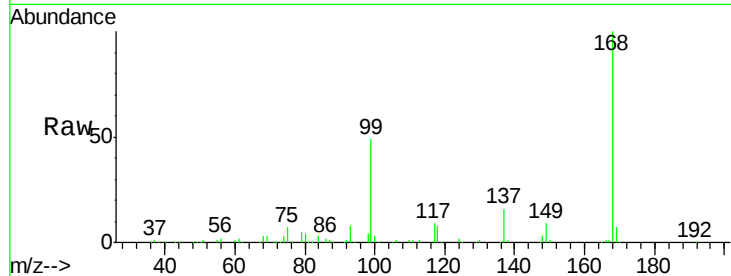
Tot Ion:117 Resp: 65574

Ion Ratio Lower Upper

117 100

119 5.2 77.2 115.8#

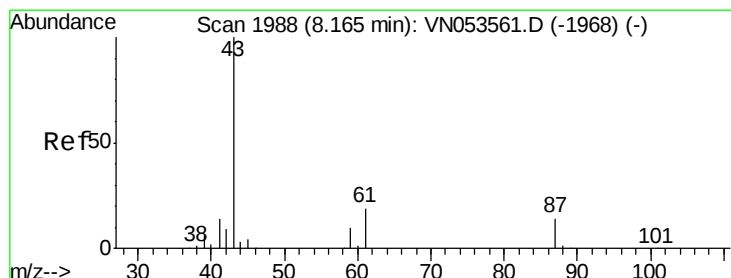
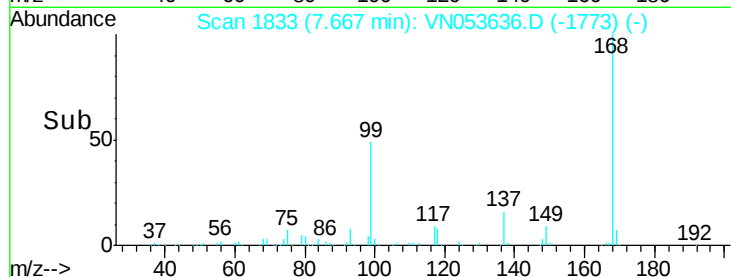
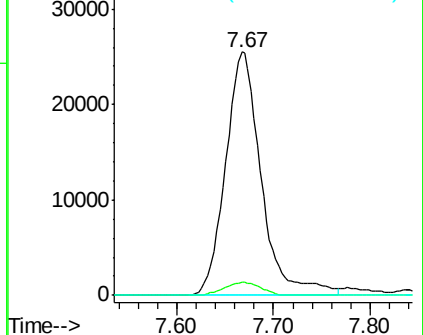
121 0.0 24.6 37.0#



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: 2.397 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

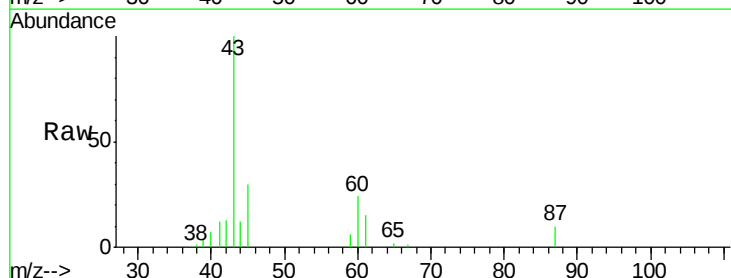
Tgt Ion: 43 Resp: 30473

Ion Ratio Lower Upper

43 100

61 18.4 23.9 35.9#

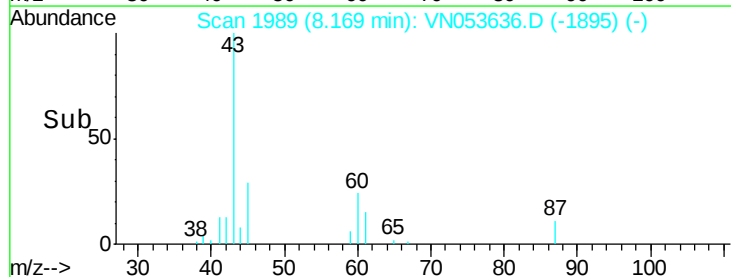
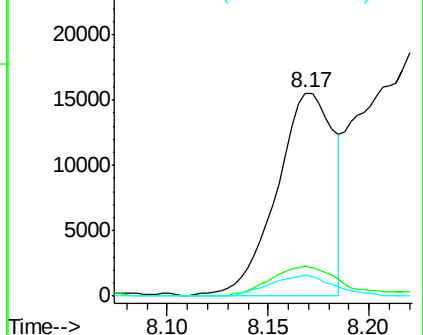
87 11.4 11.0 16.6

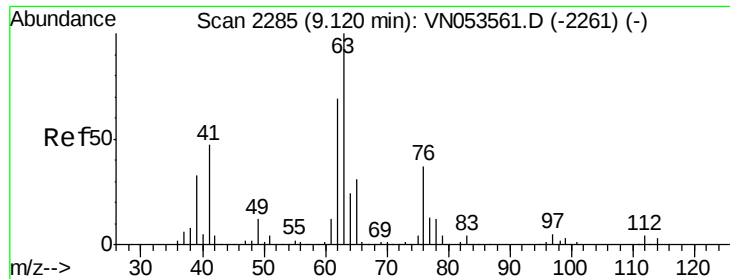


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.204 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

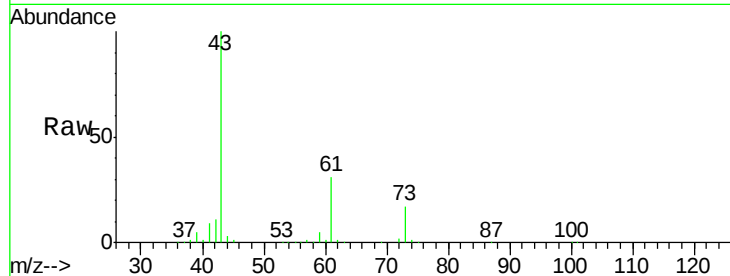
AU-06-020519-A

Tot Ion: 63 Resp: 1893

Ion Ratio Lower Upper

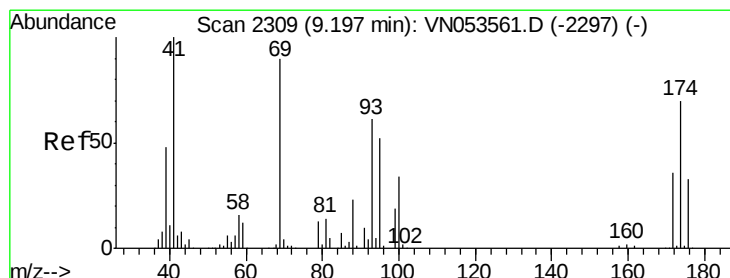
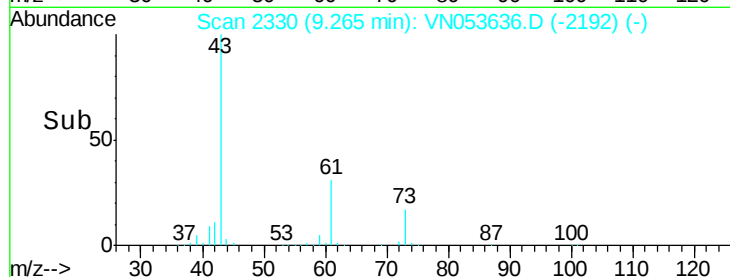
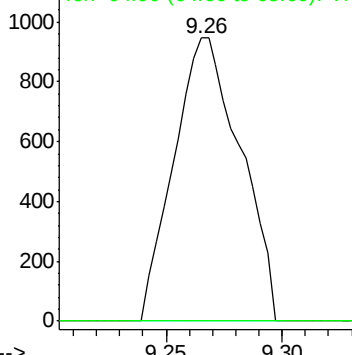
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.923 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

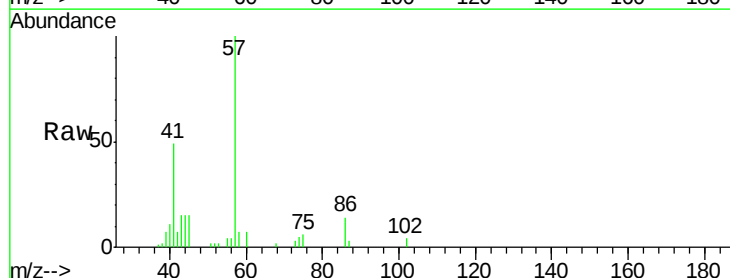
Tgt Ion: 41 Resp: 11673

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

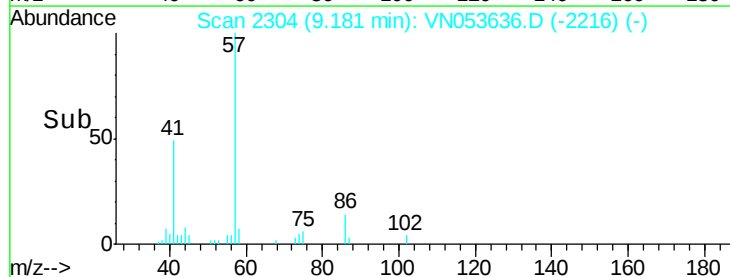
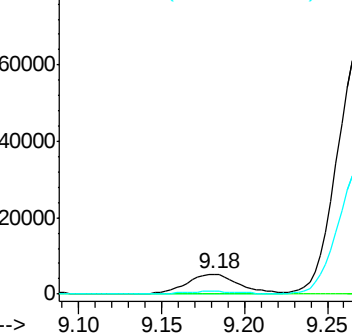
39 17.1 40.0 60.0#

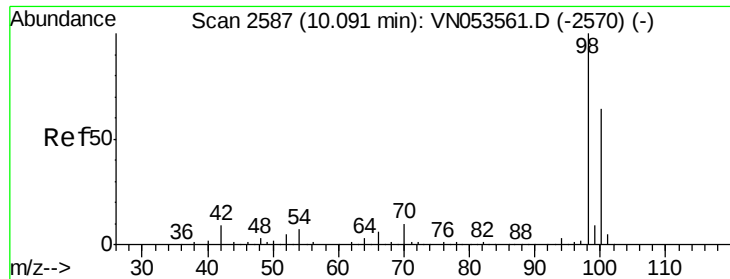


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

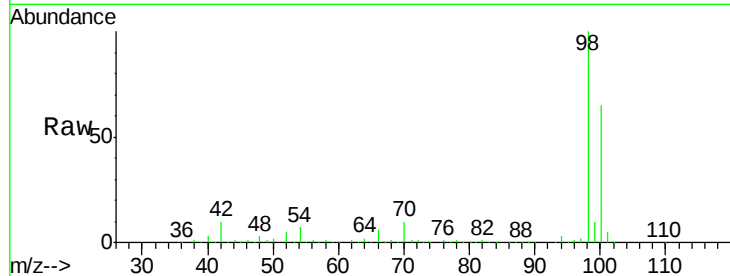
AU-06-020519-A

Tot Ion: 98 Resp: 1563343

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

800000

600000

400000

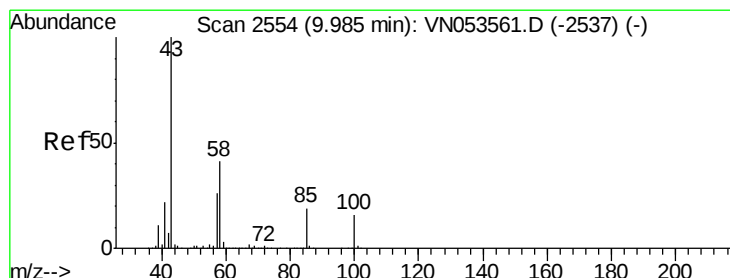
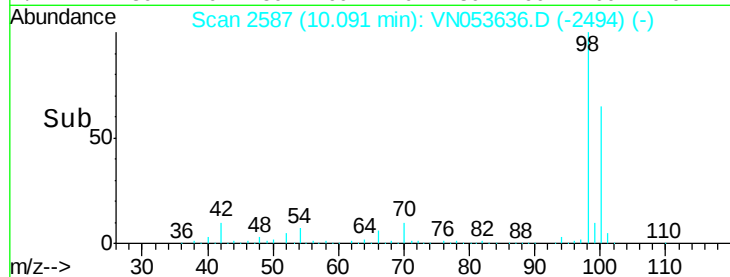
200000

0

10.09

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.507 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053636.D

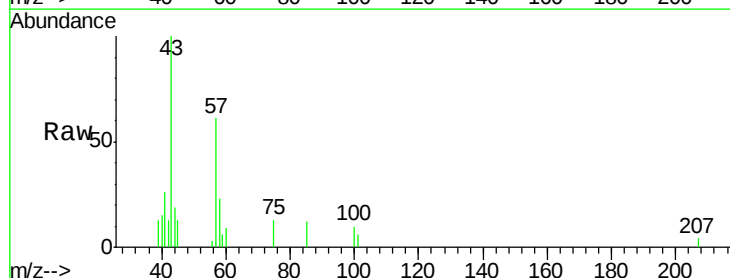
Acq: 6 Feb 2019 15:50

Tgt Ion: 43 Resp: 9414

Ion Ratio Lower Upper

43 100

58 31.1 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

4000

2000

0

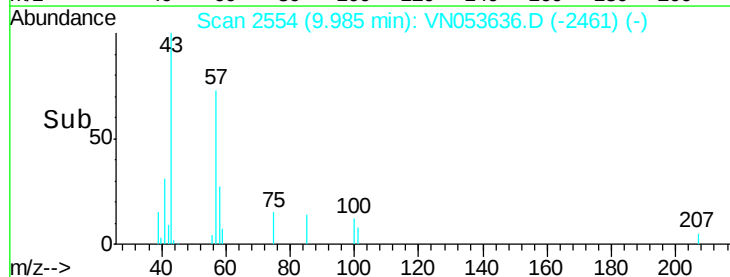
9.99

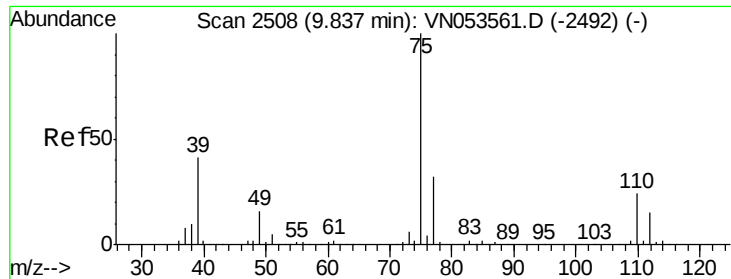
9.96

9.98

10.00

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.114 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-A

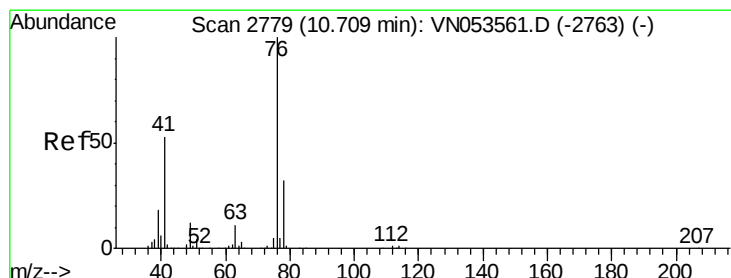
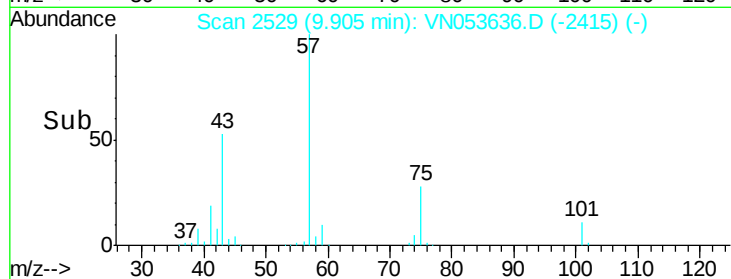
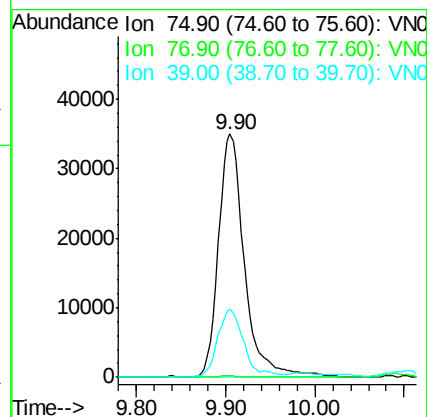
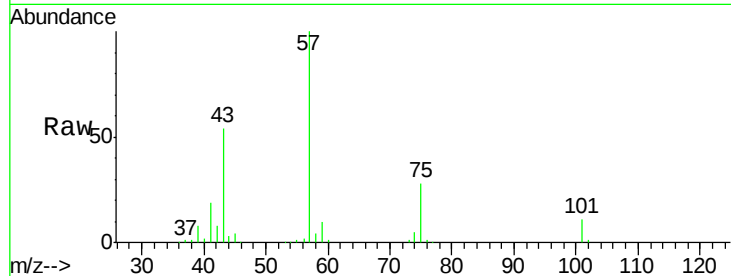
Tot Ion: 75 Resp: 70716

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 27.9 33.4 50.0#



#57

1,3-Dichloropropane

Concen: 0.975 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN053636.D

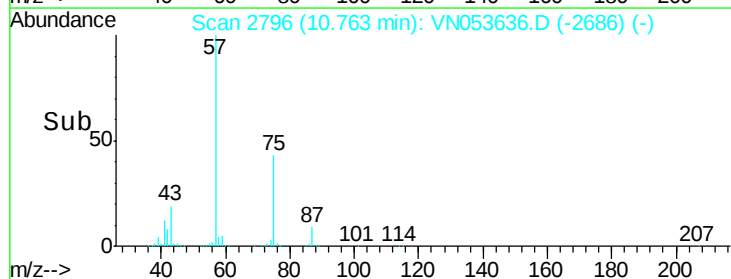
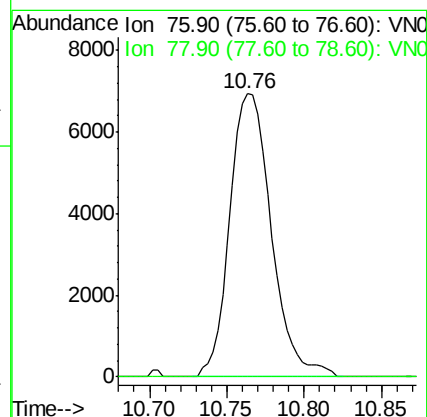
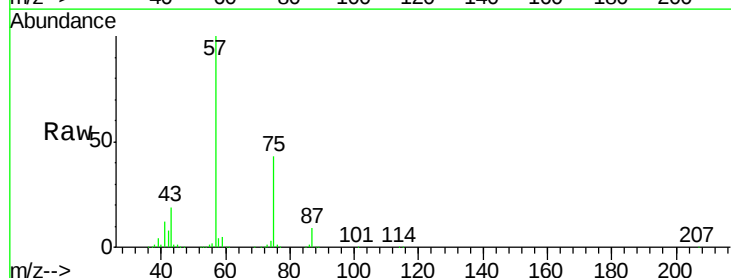
Acq: 6 Feb 2019 15:50

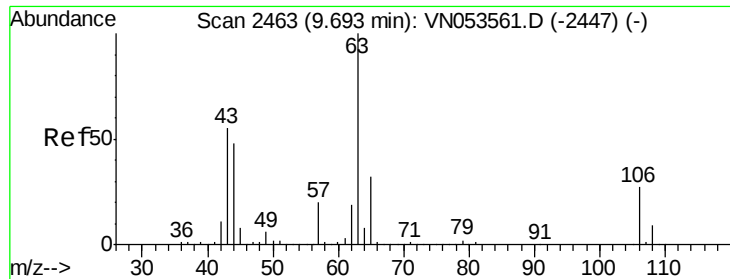
Tgt Ion: 76 Resp: 12956

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

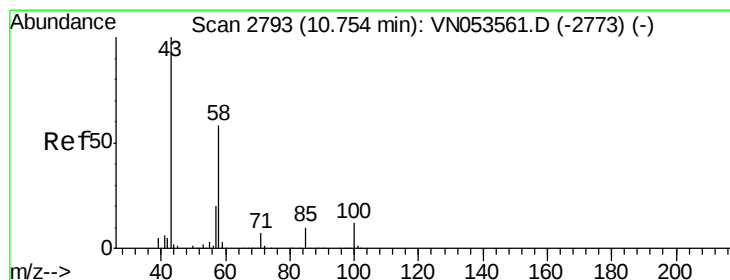
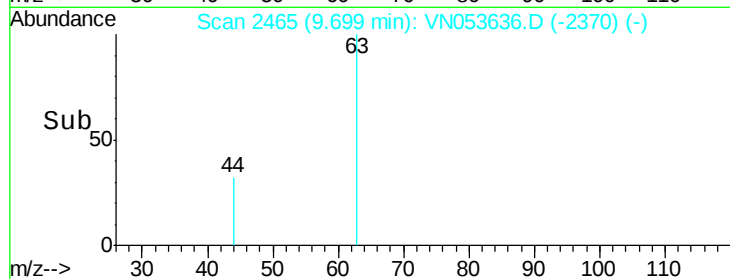
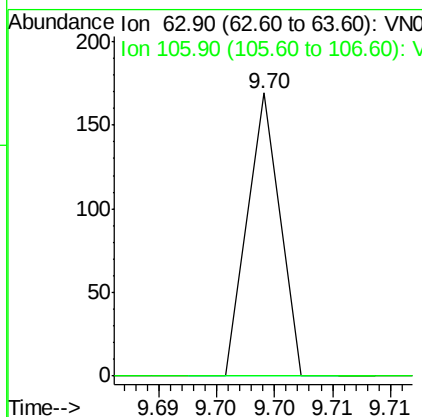
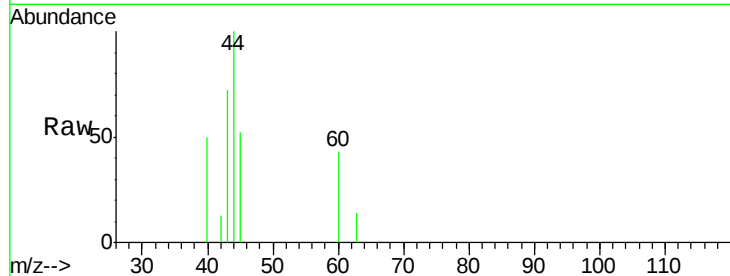




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.014 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.01 min
 Lab File: VN053636.D
 Acq: 6 Feb 2019 15:50

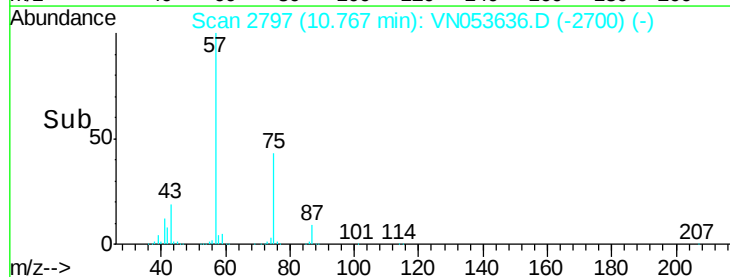
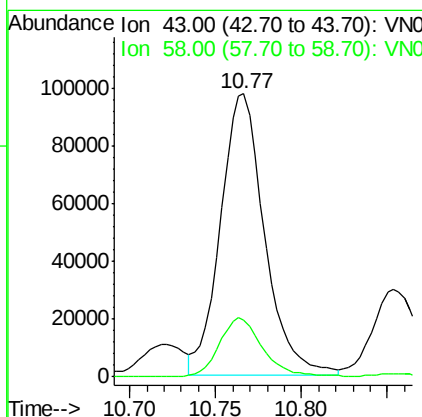
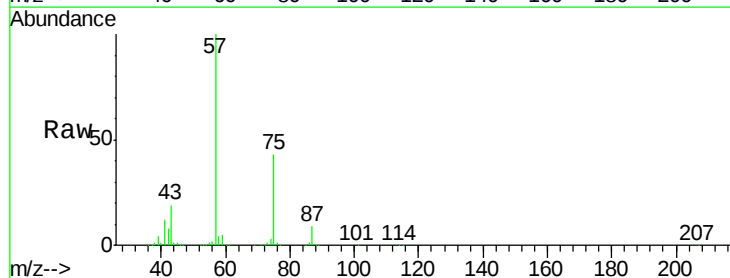
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-020519-A

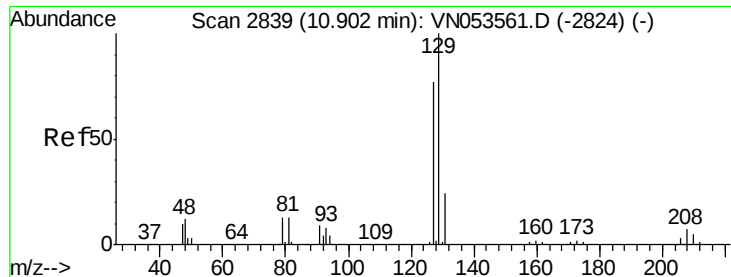
Tot Ion: 63 Resp: 33
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.5 32.3#



#59
 2-Hexanone
 Concen: 41.213 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN053636.D
 Acq: 6 Feb 2019 15:50

Tgt Ion: 43 Resp: 174817
 Ion Ratio Lower Upper
 43 100
 58 20.8 28.6 85.8#





#60

Dibromochloromethane

Concen: 1.796 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

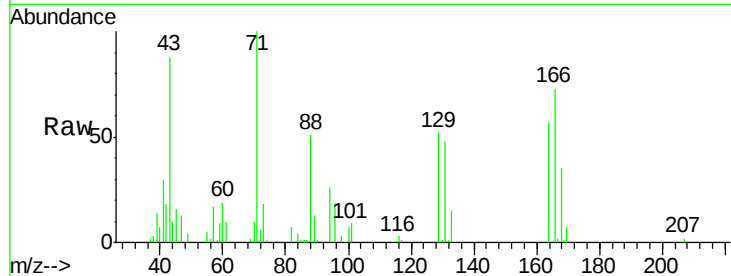
AU-06-020519-A

Tot Ion:129 Resp: 15746

Ion Ratio Lower Upper

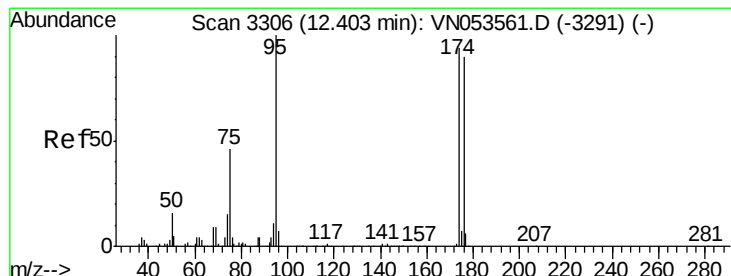
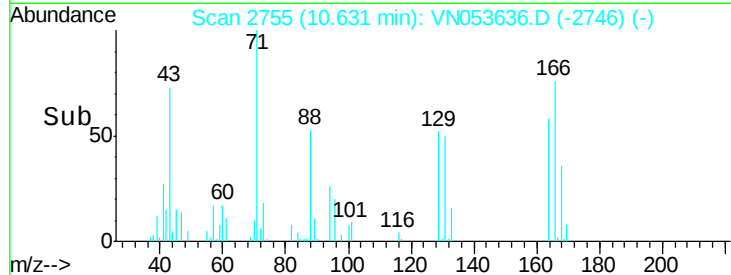
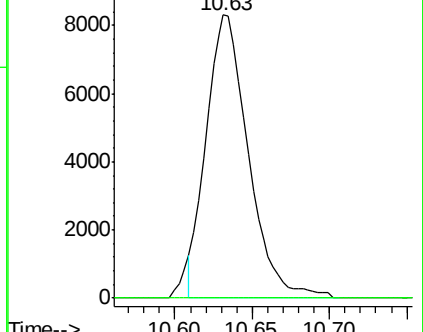
129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

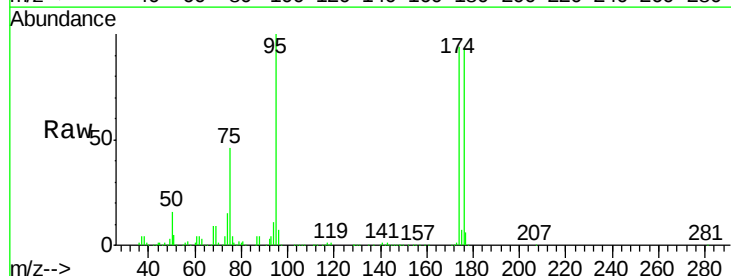
Tgt Ion: 95 Resp: 518834

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.2

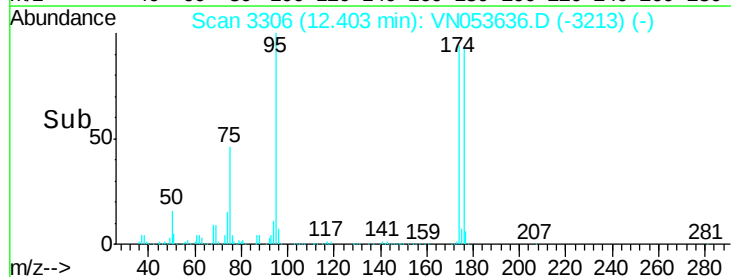
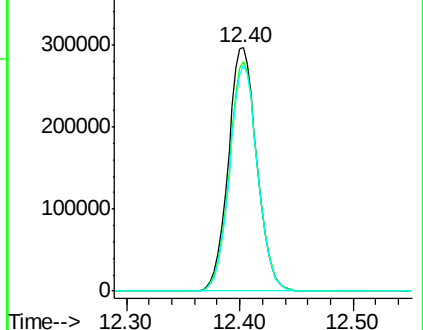
176 90.6 0.0 177.4

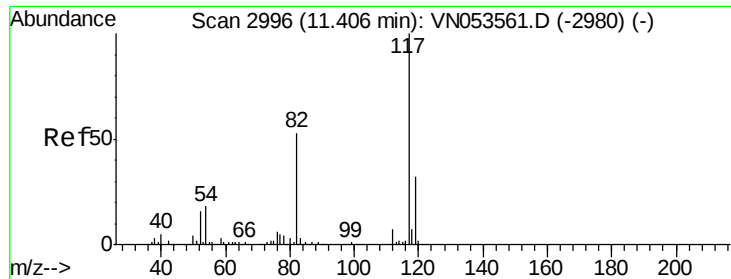


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

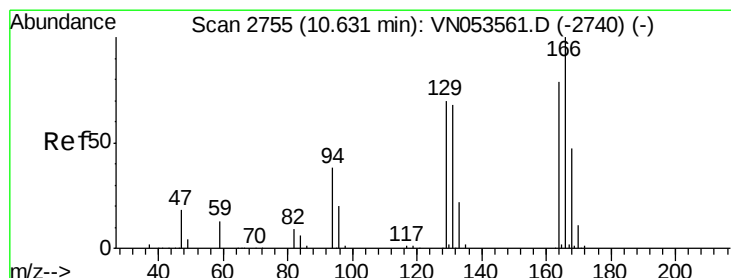
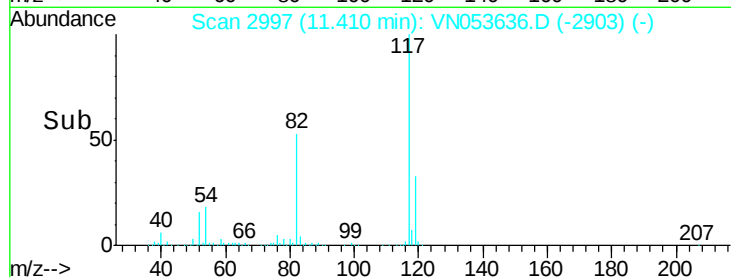
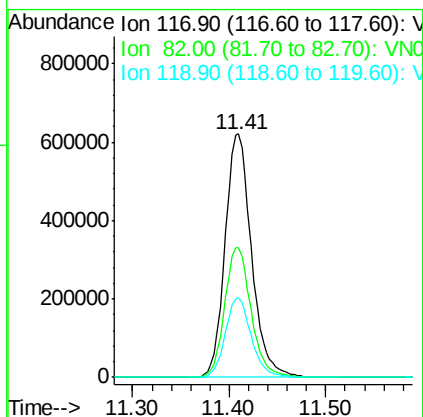
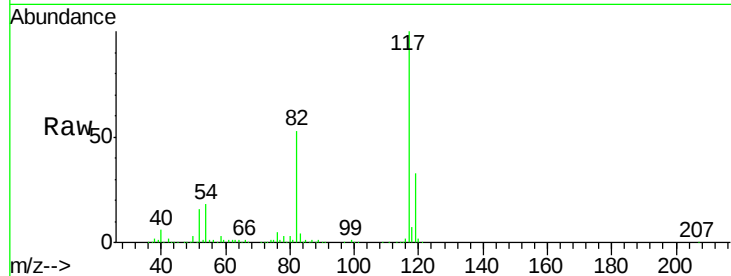




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

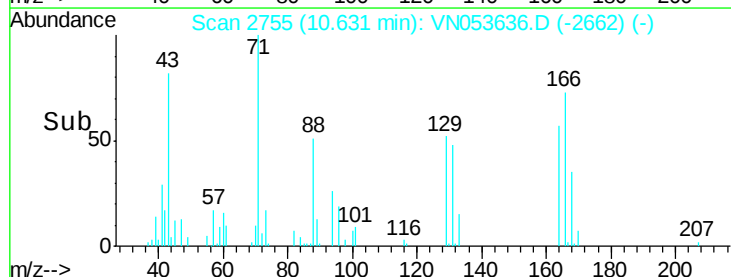
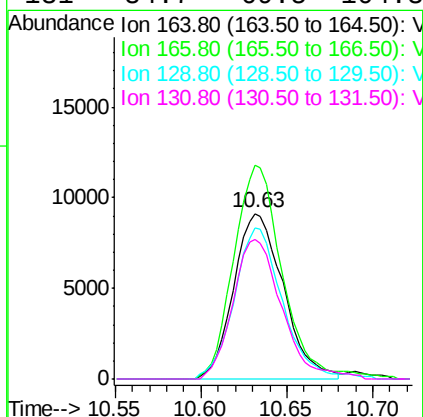
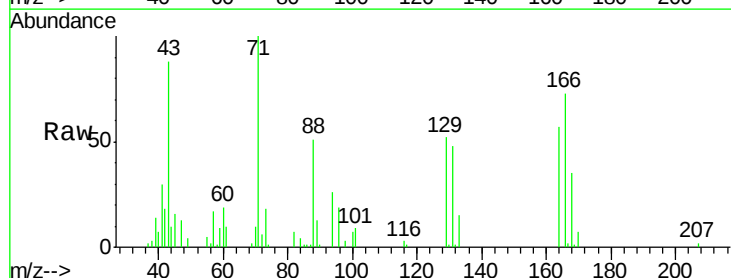
Instrument :
MSVOA_N
ClientSampleId :
AU-06-020519-A

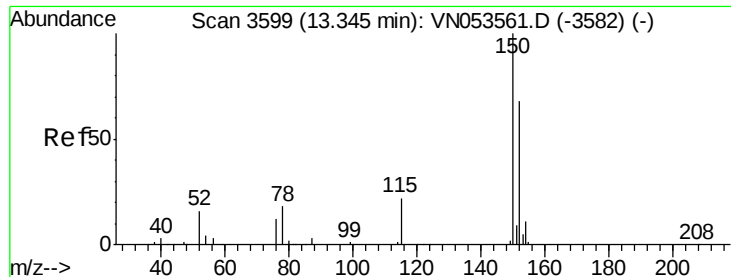
Tot Ion:117 Resp: 1177467
Ion Ratio Lower Upper
117 100
82 53.2 42.9 64.3
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 1.808 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

Tgt Ion:164 Resp: 18248
Ion Ratio Lower Upper
164 100
166 129.2 102.2 153.4
129 91.1 72.6 109.0
131 84.7 69.5 104.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-A

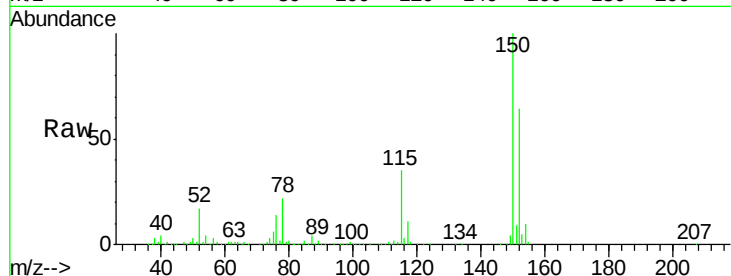
Tot Ion:152 Resp: 499460

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

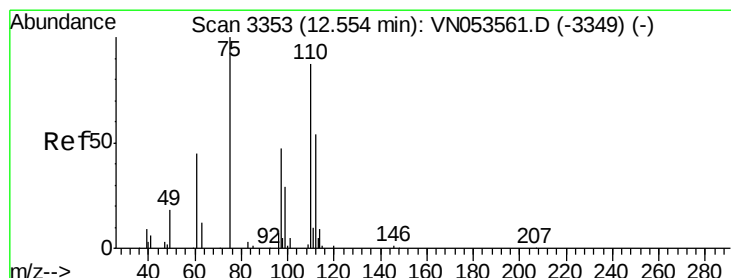
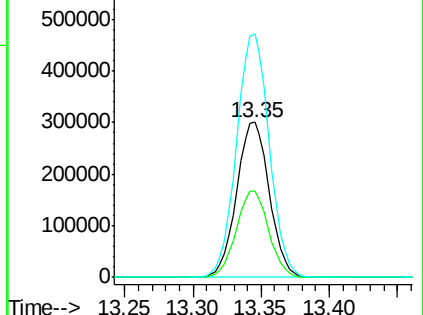
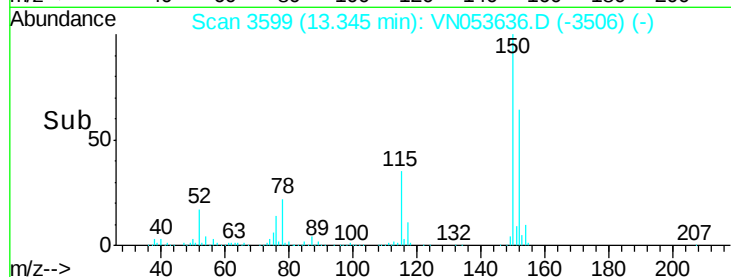
150 157.3 0.0 349.0



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



#76

1,2,3-Trichloropropane

Concen: 37.268 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053636.D

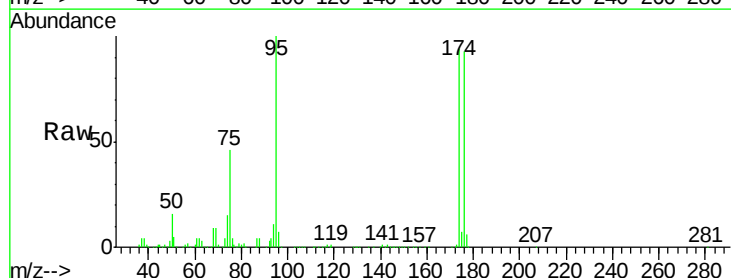
Acq: 6 Feb 2019 15:50

Tgt Ion: 75 Resp: 239086

Ion Ratio Lower Upper

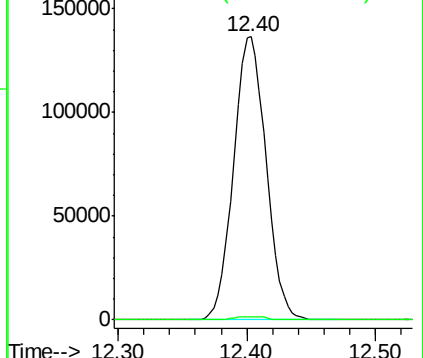
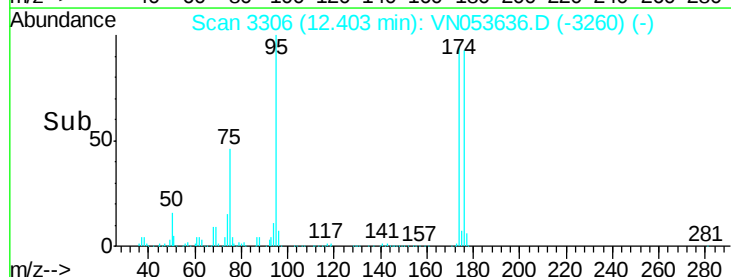
75 100

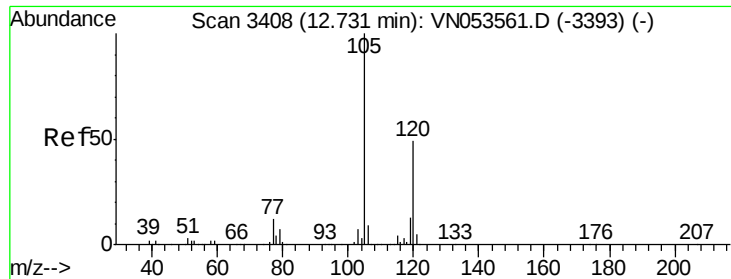
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.217 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

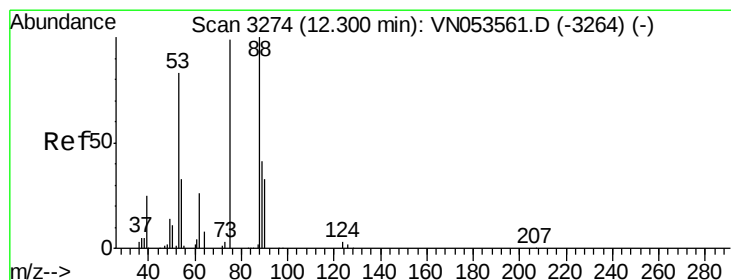
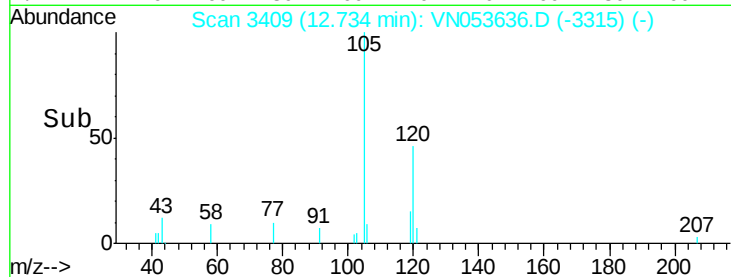
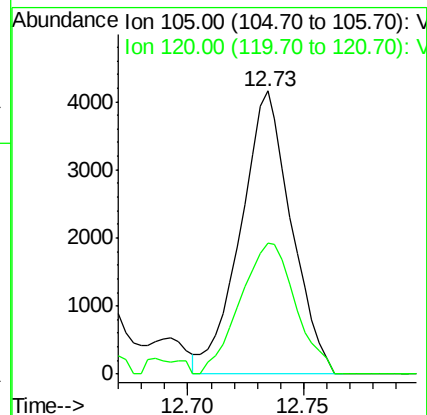
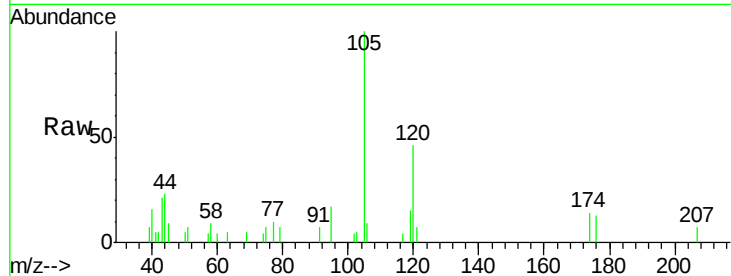
AU-06-020519-A

Tot Ion:105 Resp: 6318

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 104.796 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

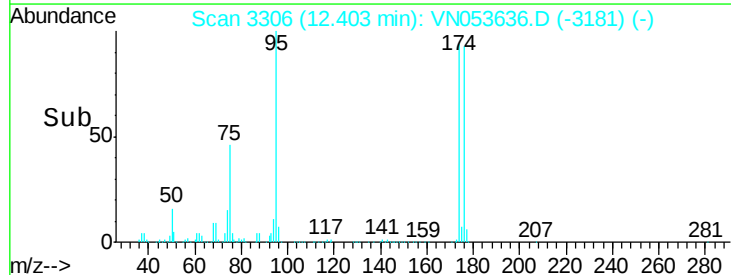
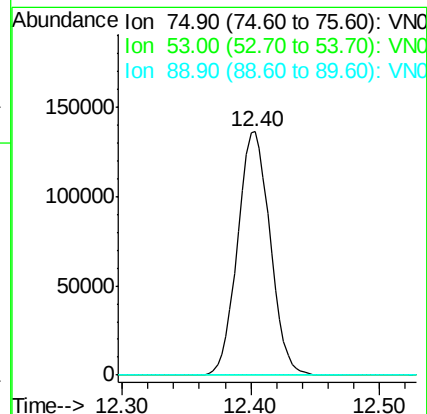
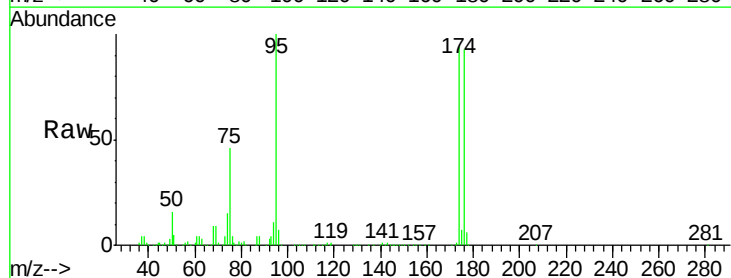
Tgt Ion: 75 Resp: 239086

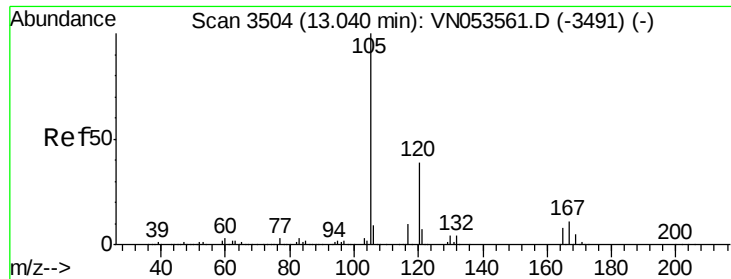
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.280 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

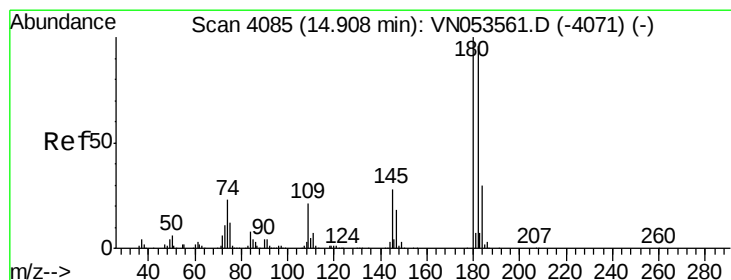
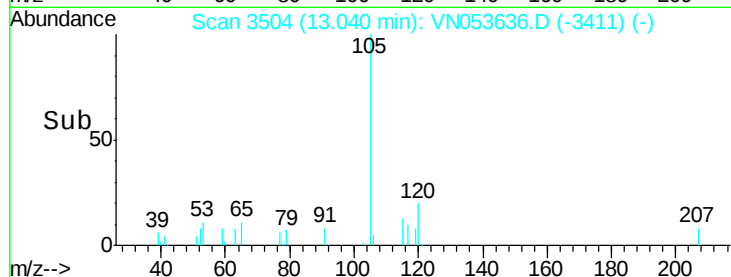
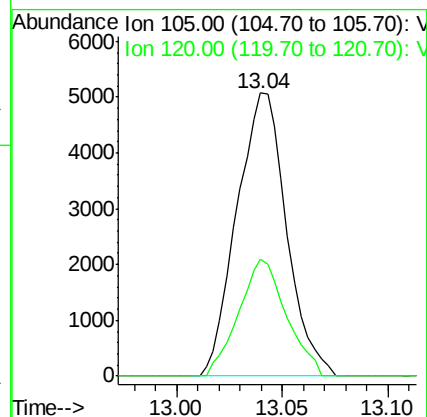
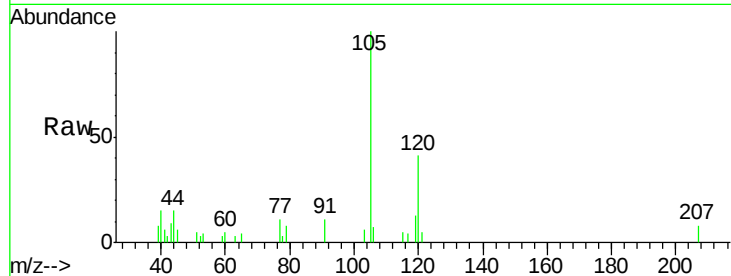
AU-06-020519-A

Tot Ion:105 Resp: 8298

Ion Ratio Lower Upper

105 100

120 39.3 23.0 69.0



#93

1,2,4-Trichlorobenzene

Concen: 0.238 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

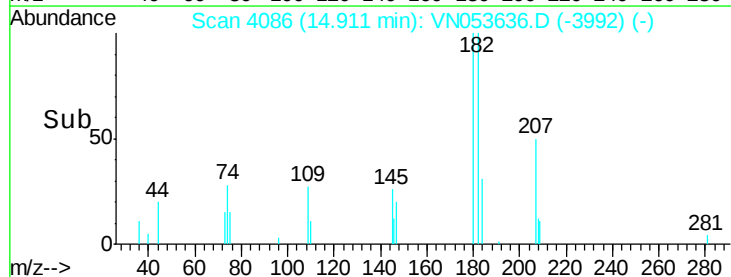
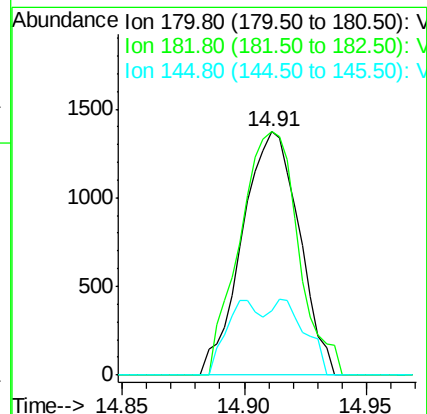
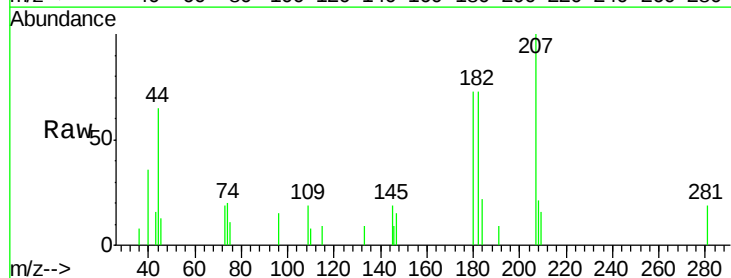
Tgt Ion:180 Resp: 2224

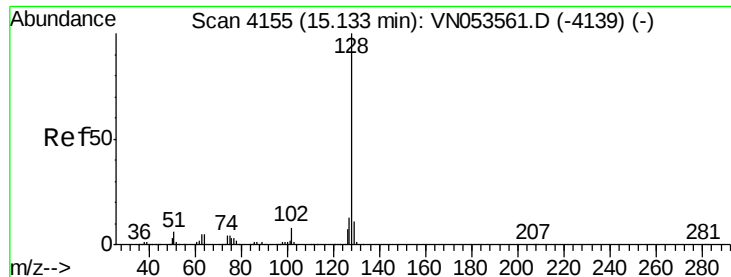
Ion Ratio Lower Upper

180 100

182 102.6 48.1 144.3

145 19.5 13.9 41.6





#95

Naphthalene

Concen: 2.820 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-A

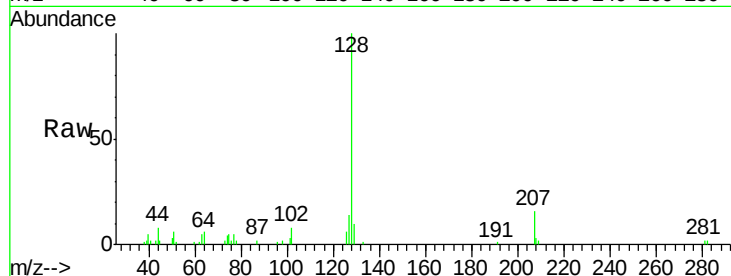
Tot Ion:128 Resp: 24627

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

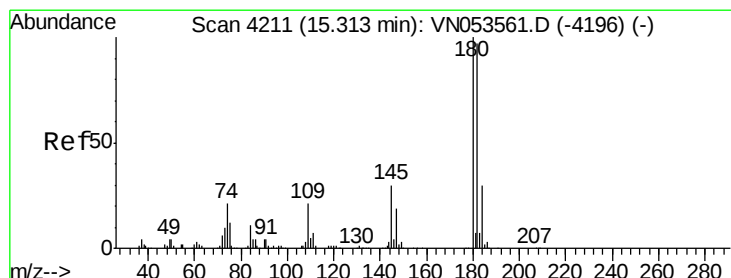
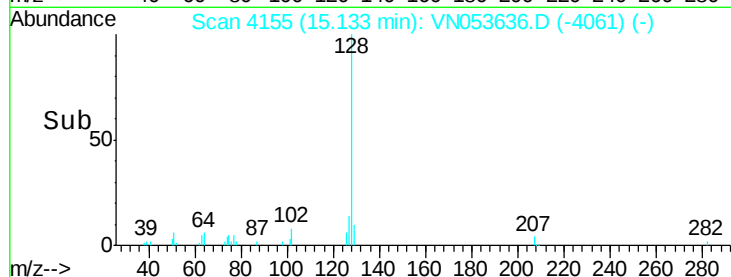
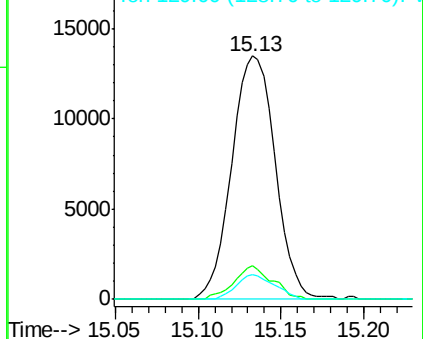
129 8.9 8.6 13.0



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: 0.288 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

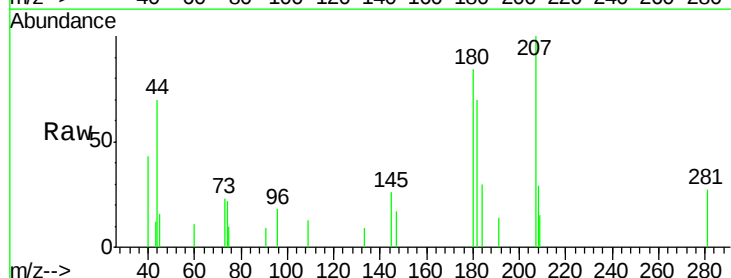
Tgt Ion:180 Resp: 2493

Ion Ratio Lower Upper

180 100

182 89.4 47.9 143.8

145 39.4 14.7 44.1



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

