

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050352.D
 Acq On : 4 Aug 2018 8:22
 Operator : MD\SY
 Sample : J4323-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ES-RO-276

Quant Time: Aug 06 00:52:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1048938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	381695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	445294	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	7.59	113	388757	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
50) Toluene-d8	10.09	98	1440722	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
62) 4-Bromofluorobenzene	12.40	95	422492	40.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.50%	

Target Compounds

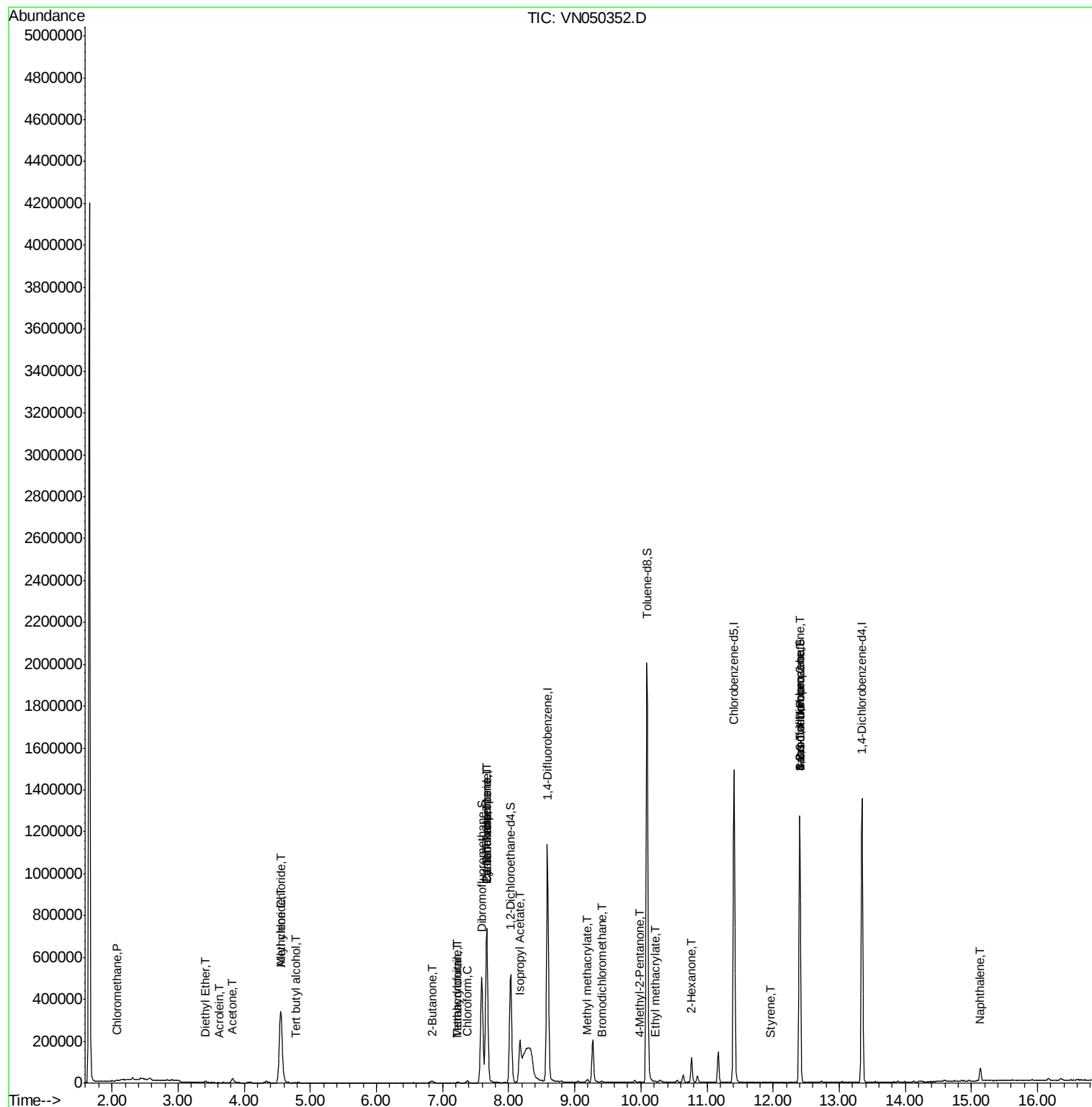
						Qvalue
3) Chloromethane	2.06	50	3241	0.33	ug/l	93
5) Bromomethane	2.57	94	4015	Below	Cal	97
8) Diethyl Ether	3.41	74	3410	0.76	ug/l	73
11) Tert butyl alcohol	4.79	59	405	0.63	ug/l #	72
13) Acrolein	3.63	56	510	0.98	ug/l	98
14) Allyl chloride	4.55	41	9439	0.84	ug/l #	24
16) Acetone	3.82	43	33718	12.16	ug/l	96
20) Methylene Chloride	4.55	84	276425	35.10	ug/l	98
25) 2-Butanone	6.85	43	6207	1.85	ug/l	91
29) Tetrahydrofuran	7.22	42	1251	0.58	ug/l #	47
30) Chloroform	7.37	83	10587	0.71	ug/l	98
31) Cyclohexane	7.67	56	12542	0.97	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	43272	3.66	ug/l #	49
38) Carbon Tetrachloride	7.67	117	56418	4.50	ug/l #	17
41) Methacrylonitrile	7.22	41	1069	2.98	ug/l #	16
43) Isopropyl Acetate	8.17	43	254774	15.63	ug/l #	92
47) Bromodichloromethane	9.40	83	3185	0.26	ug/l #	88
48) Methyl methacrylate	9.18	41	8408	1.18	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2763	0.34	ug/l	89
56) Ethyl methacrylate	10.23	69	2684	2.26	ug/l #	87
59) 2-Hexanone	10.77	43	16069	7.82	ug/l #	60
70) Styrene	11.97	104	30	0.92	ug/l #	25
71) Bromoform	12.40	173	4100	0.64	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	420	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	206033	29.05	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	206033	92.13	ug/l #	13
95) Naphthalene	15.14	128	54759	7.28	ug/l	99

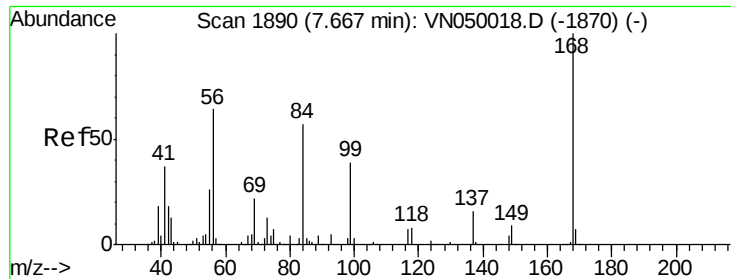
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080318\
Data File : VN050352.D
Acq On : 4 Aug 2018 8:22
Operator : MD\SY
Sample : J4323-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ES-RO-276

Quant Time: Aug 06 00:52:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

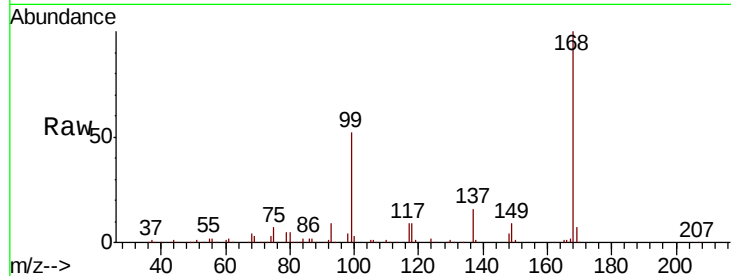
ES-RO-276

Tot Ion:168 Resp: 629950

Ion Ratio Lower Upper

168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

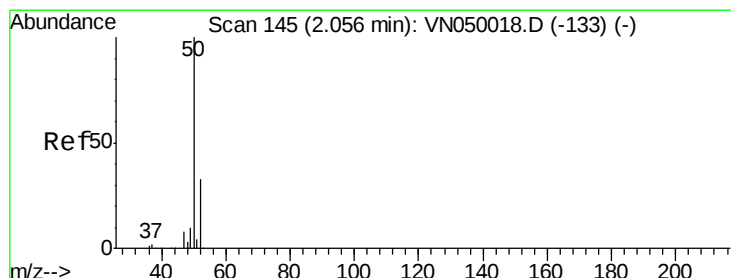
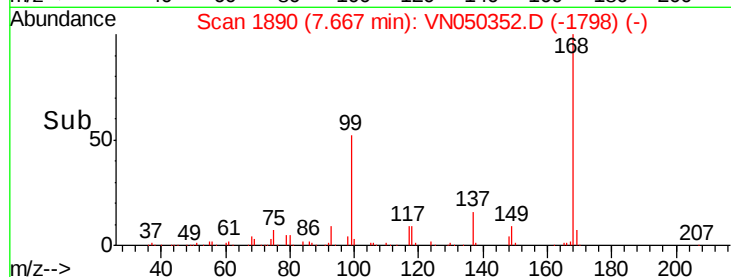
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.33 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050352.D

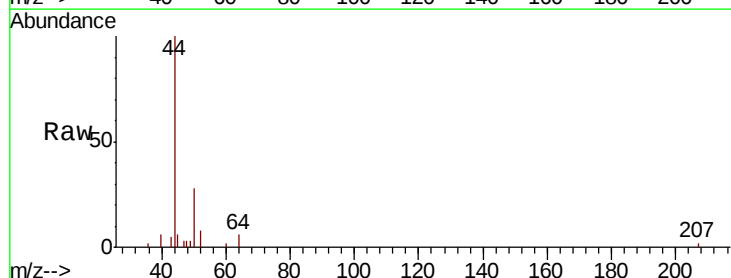
Acq: 4 Aug 2018 8:22

Tgt Ion: 50 Resp: 3241

Ion Ratio Lower Upper

50 100

52 28.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN050018.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050018.D (-133) (-)

2.06

2500

2000

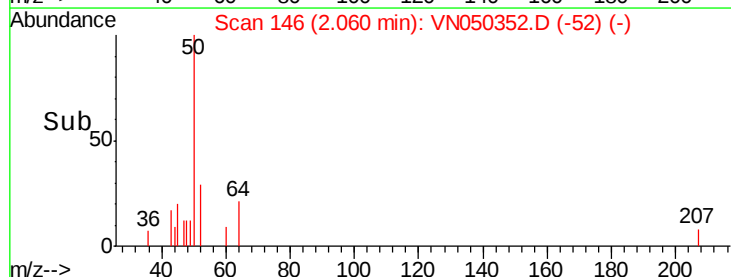
1500

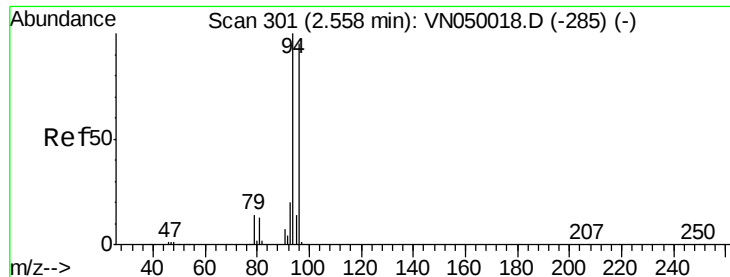
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampled :

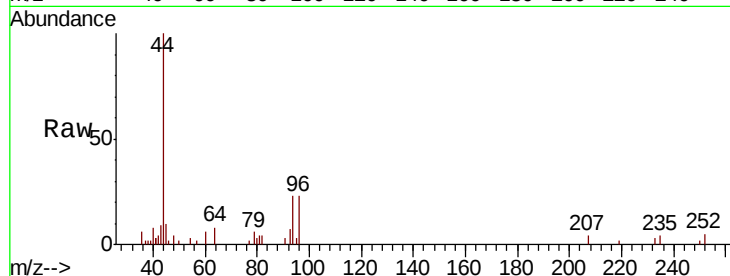
ES-RO-276

Tot Ion: 94 Resp: 4015

Ion Ratio Lower Upper

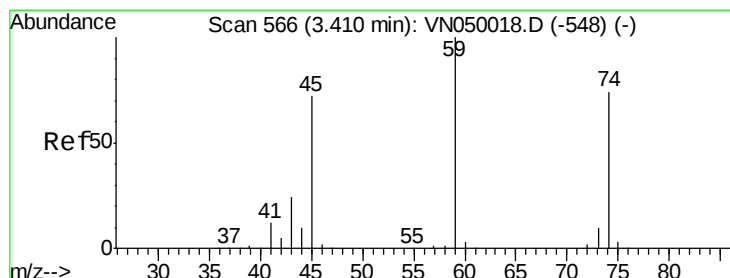
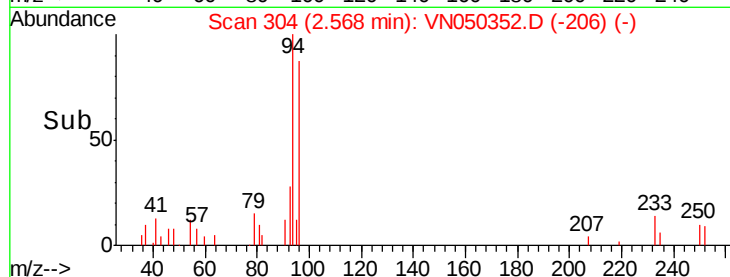
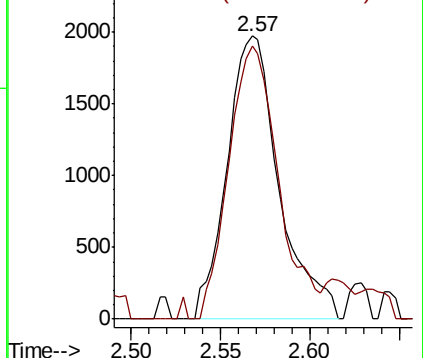
94 100

96 96.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.76 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050352.D

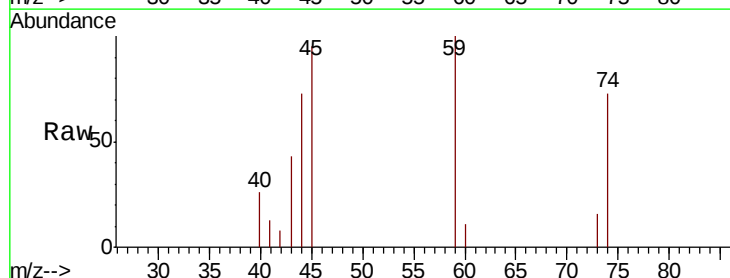
Acq: 4 Aug 2018 8:22

Tgt Ion: 74 Resp: 3410

Ion Ratio Lower Upper

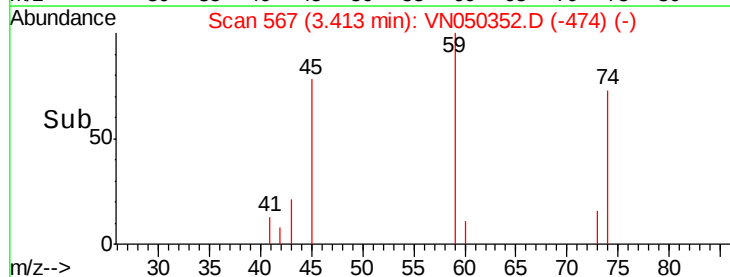
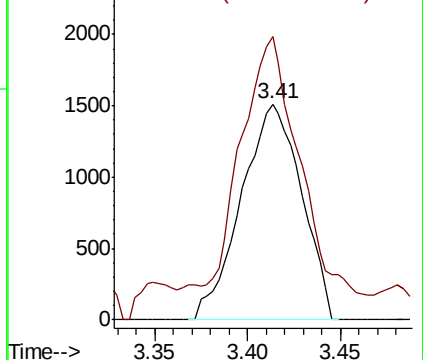
74 100

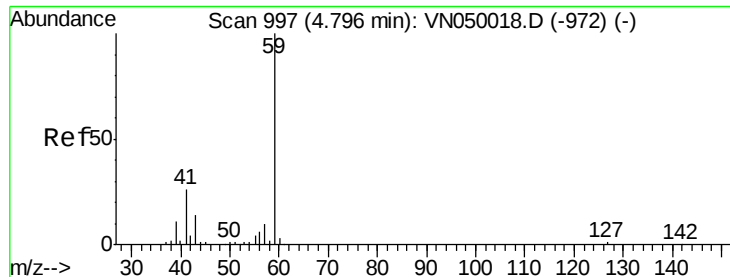
45 121.8 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

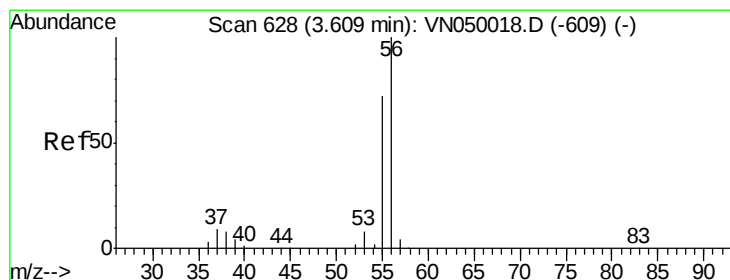
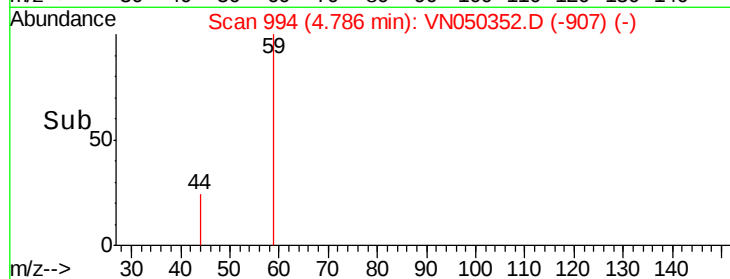
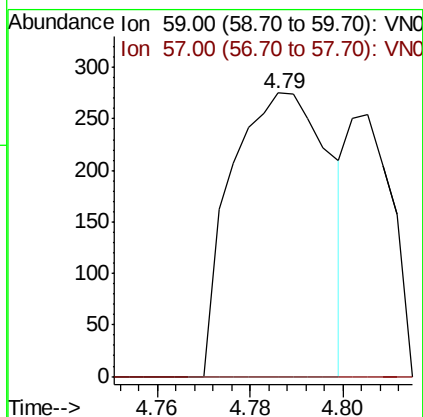
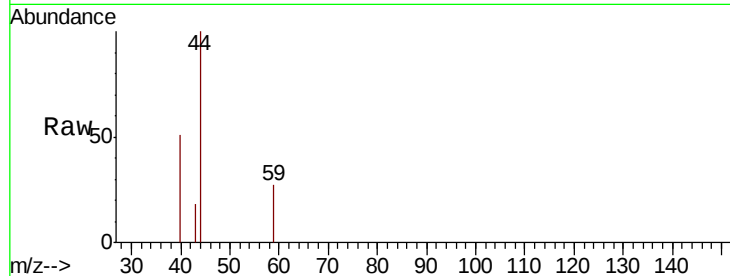




#11
Tert butyl alcohol
Concen: 0.63 ug/l
RT: 4.79 min Scan# 994
Delta R.T. -0.02 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

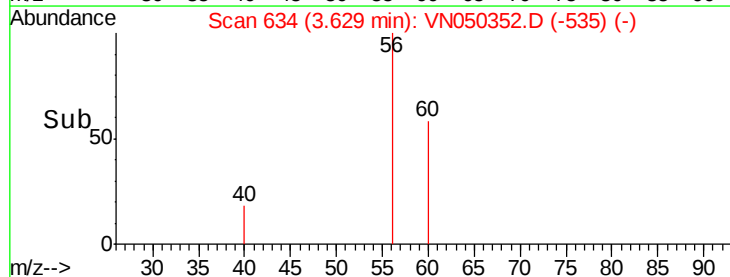
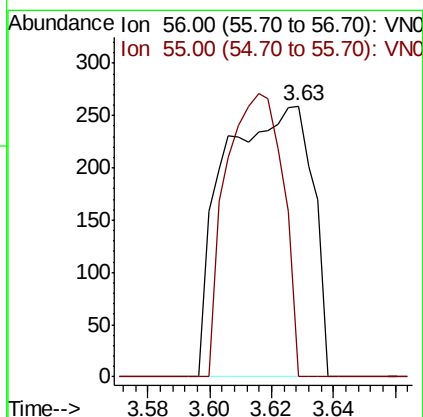
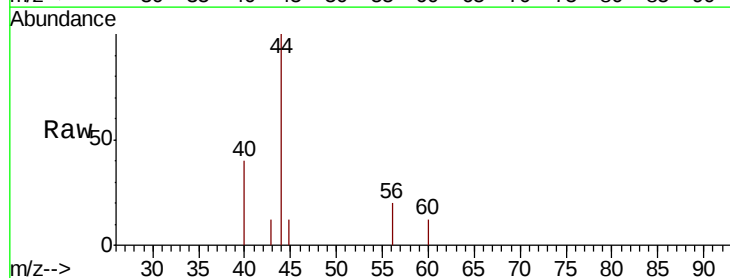
Instrument :
MSVOA_N
ClientSampled :
ES-RO-276

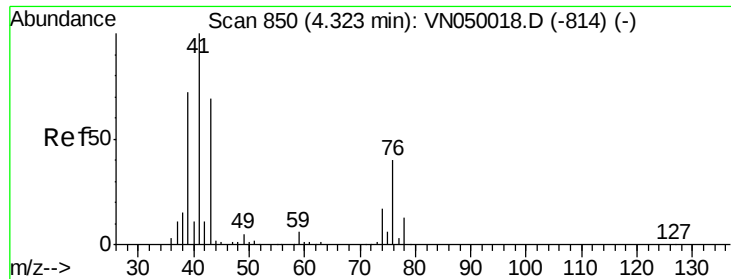
Tot Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.98 ug/l
RT: 3.63 min Scan# 634
Delta R.T. 0.02 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Tgt Ion: 56 Resp: 510
Ion Ratio Lower Upper
56 100
55 67.8 55.8 83.6





#14

Allvl chloride

Concen: 0.84 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

ES-RO-276

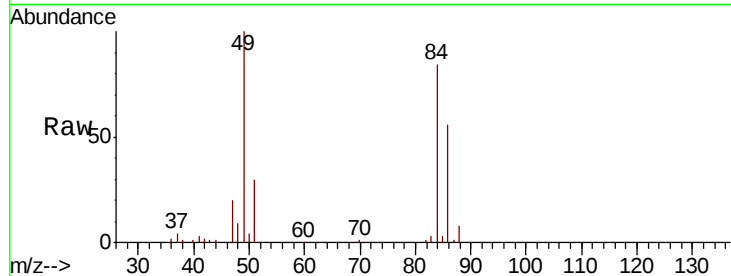
Tot Ion: 41 Resp: 9439

Ion Ratio Lower Upper

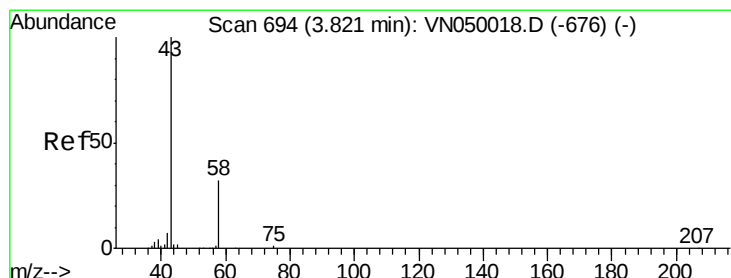
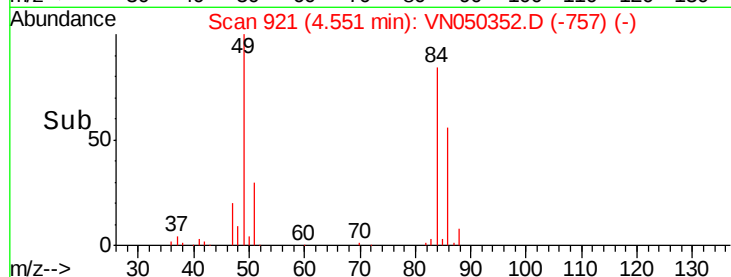
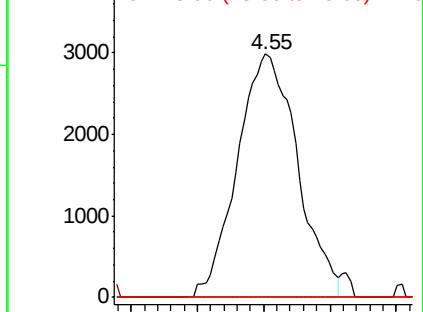
41 100

39 0.0 54.2 81.4#

76 0.0 29.0 43.6#



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



#16

Acetone

Concen: 12.16 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050352.D

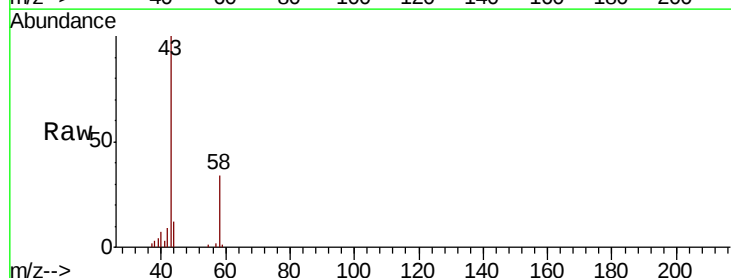
Acq: 4 Aug 2018 8:22

Tgt Ion: 43 Resp: 33718

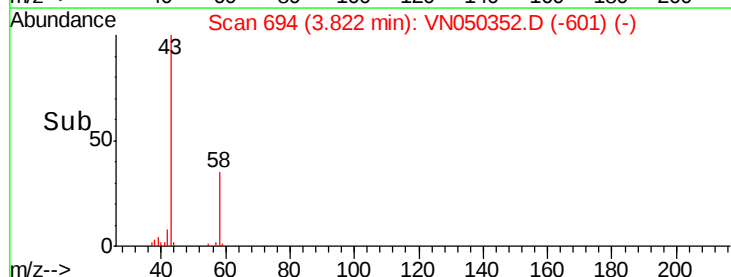
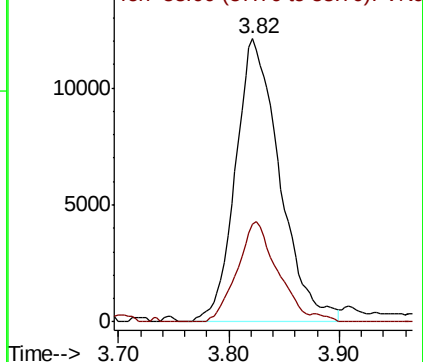
Ion Ratio Lower Upper

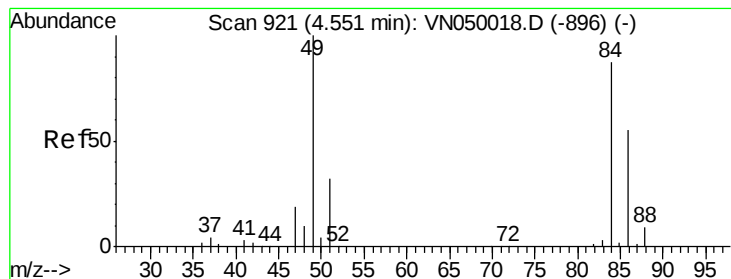
43 100

58 34.4 25.8 38.8



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





#20

Methvlene Chloride

Concen: 35.10 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

ES-RO-276

Tot Ion: 84 Resp: 276425

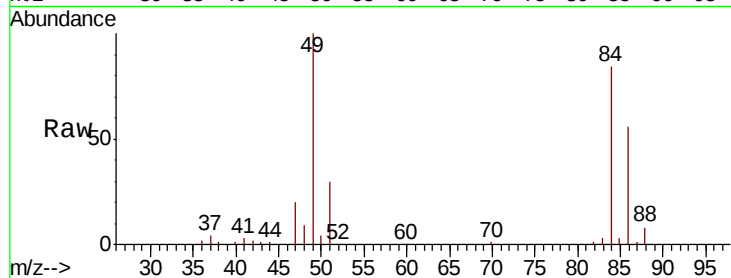
Ion Ratio Lower Upper

84 100

49 119.6 94.8 142.2

51 35.9 28.3 42.5

86 67.1 51.0 76.6

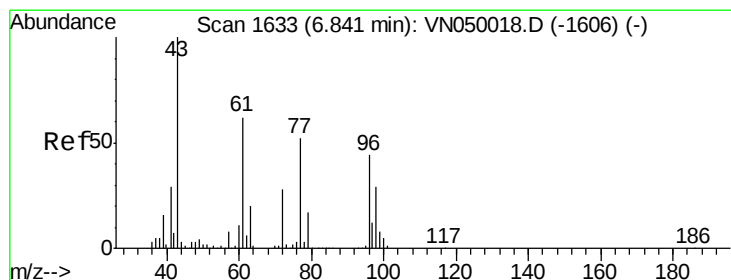
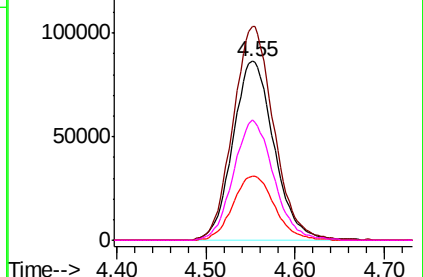
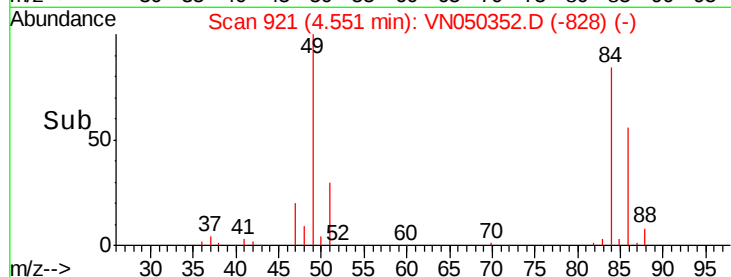


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.85 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050352.D

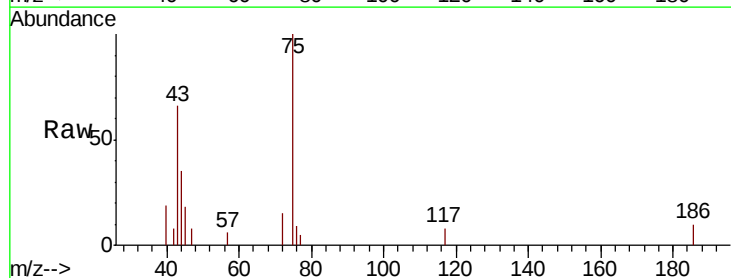
Acq: 4 Aug 2018 8:22

Tgt Ion: 43 Resp: 6207

Ion Ratio Lower Upper

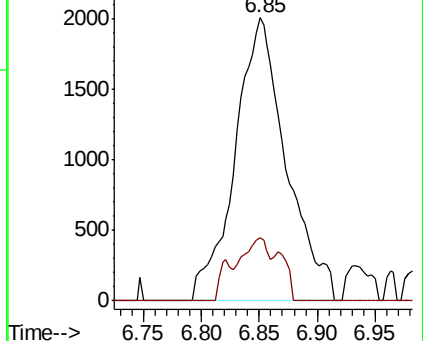
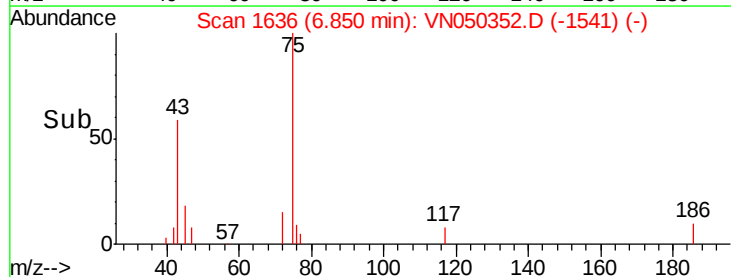
43 100

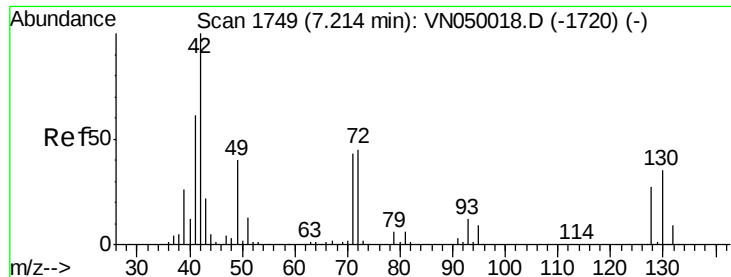
72 22.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

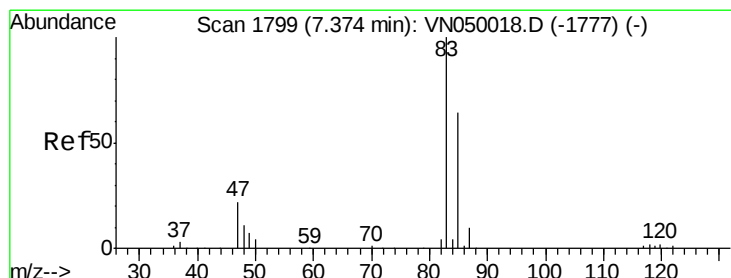
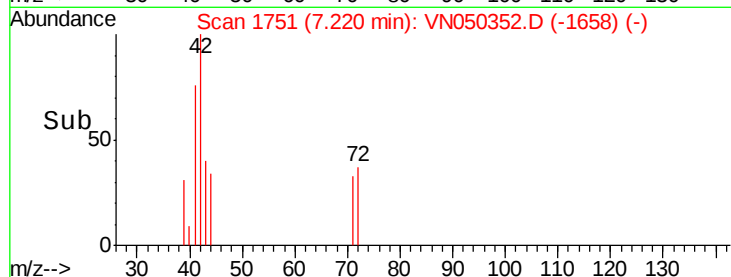
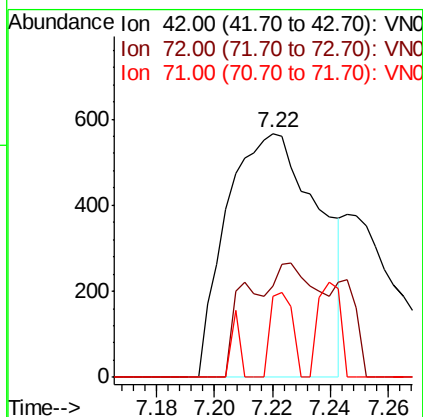
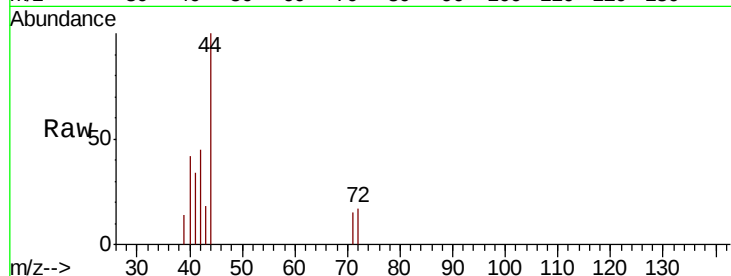




#29
Tetrahydrofuran
Concen: 0.58 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

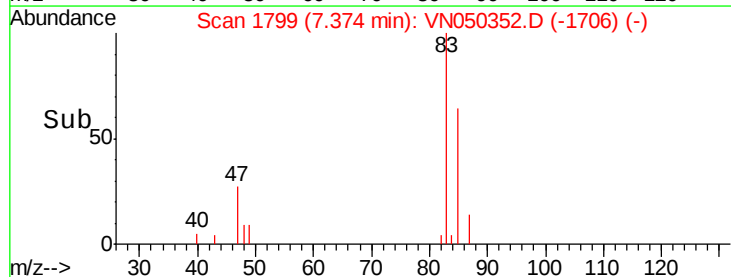
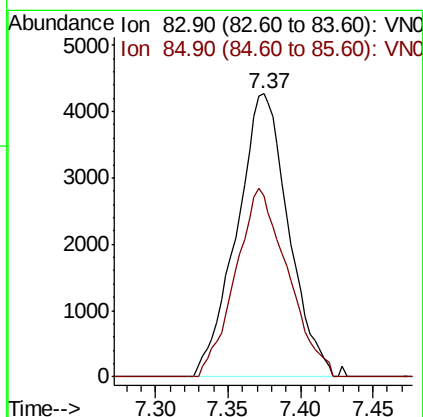
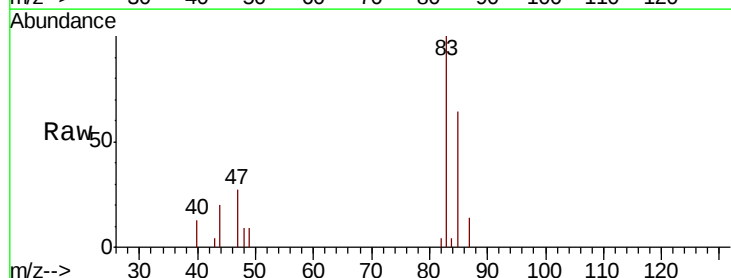
Instrument :
MSVOA_N
ClientSampled :
ES-RO-276

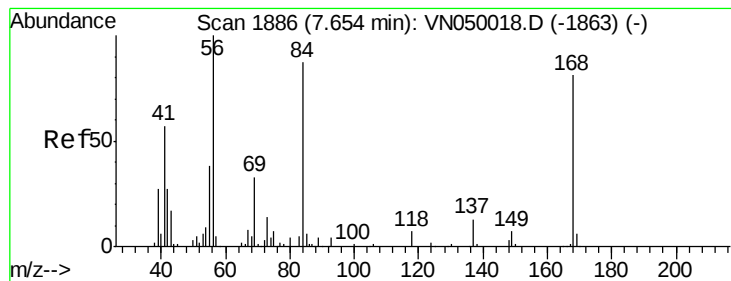
Tot Ion: 42 Resp: 1251
Ion Ratio Lower Upper
42 100
72 10.0 35.9 53.9#
71 8.5 33.7 50.5#



#30
Chloroform
Concen: 0.71 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Tgt Ion: 83 Resp: 10587
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7





#31

Cyclohexane

Concen: 0.97 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

ES-RO-276

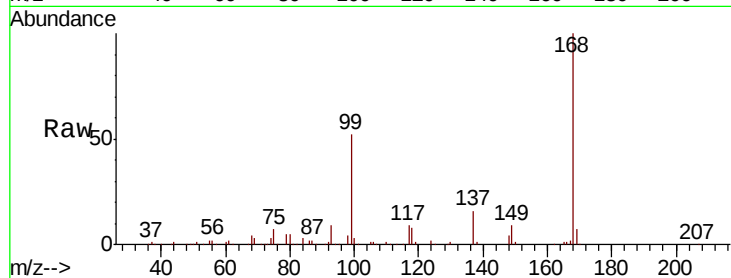
Tot Ion: 56 Resp: 12542

Ion Ratio Lower Upper

56 100

69 171.8 26.2 39.4#

84 133.4 67.4 101.0#

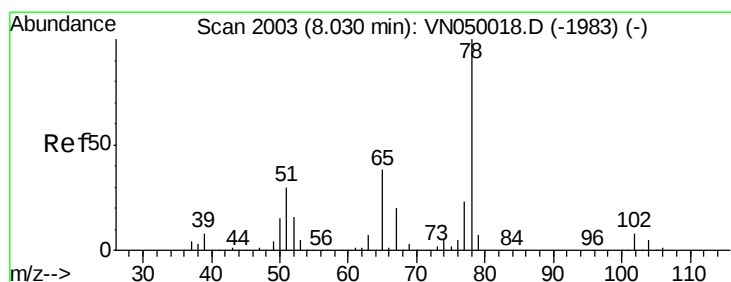
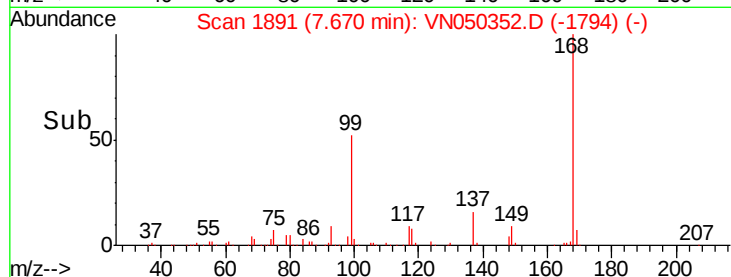
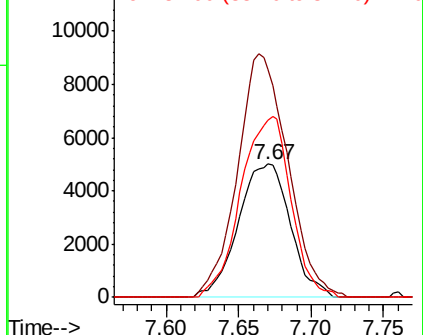


Abundance

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: 50.66 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050352.D

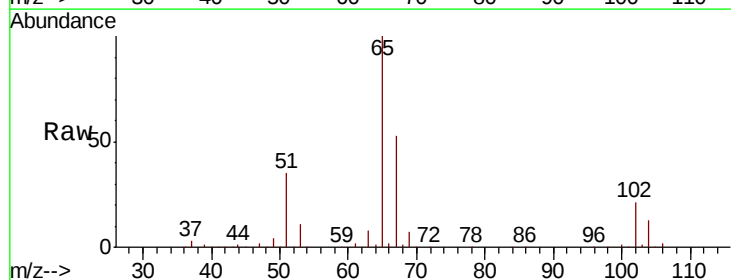
Acq: 4 Aug 2018 8:22

Tgt Ion: 65 Resp: 445294

Ion Ratio Lower Upper

65 100

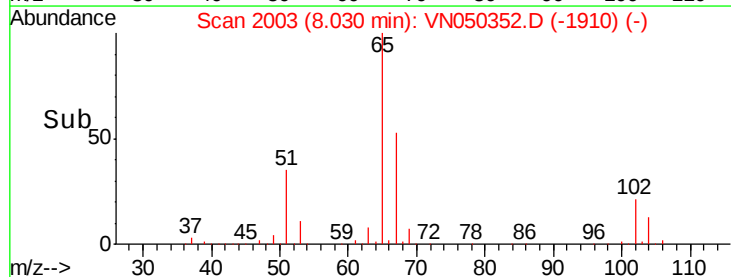
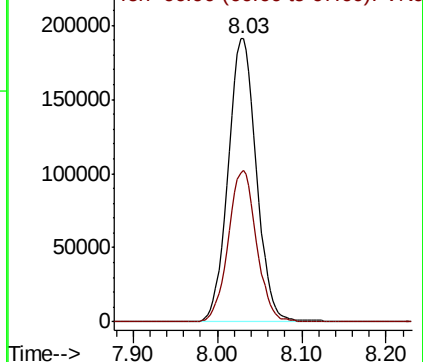
67 53.6 0.0 108.4

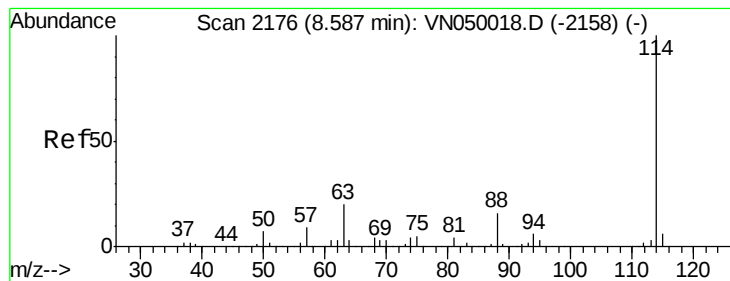


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

ES-RO-276

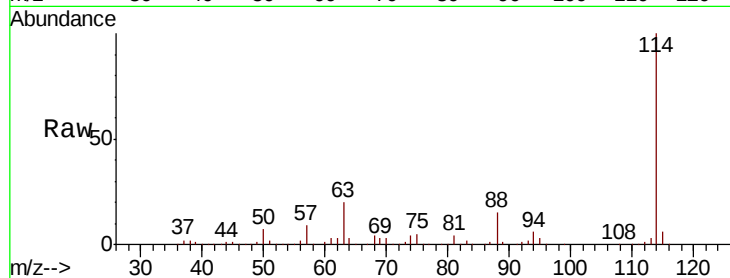
Tot Ion:114 Resp: 1048938

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

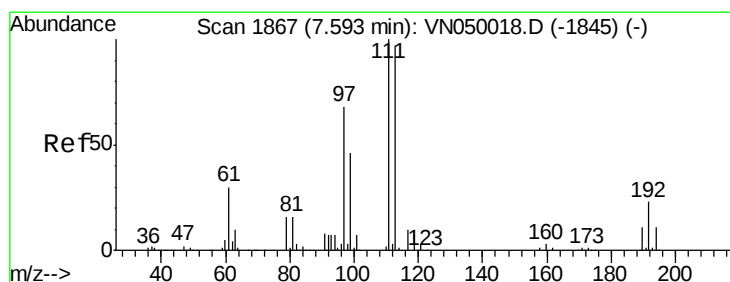
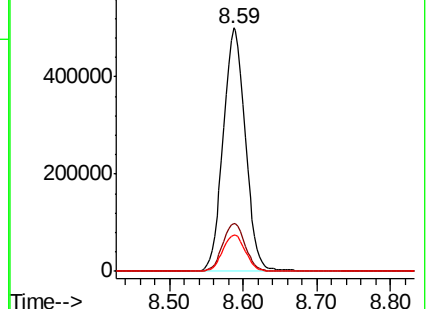
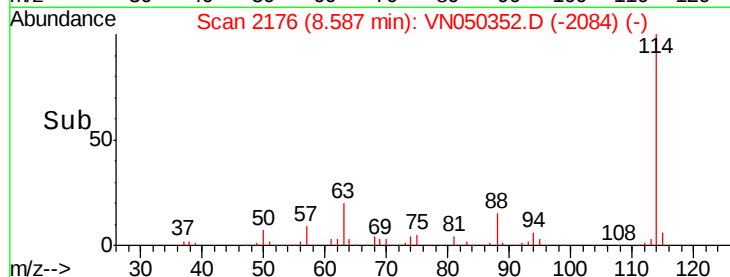
88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.39 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

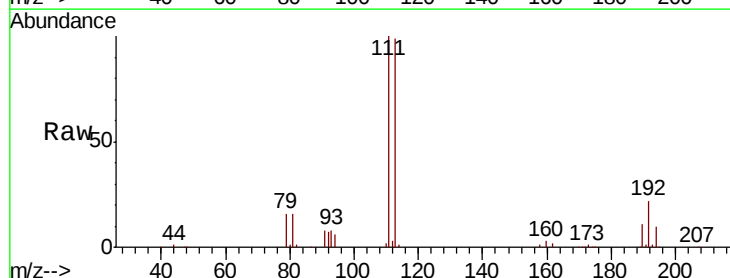
Tgt Ion:113 Resp: 388757

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

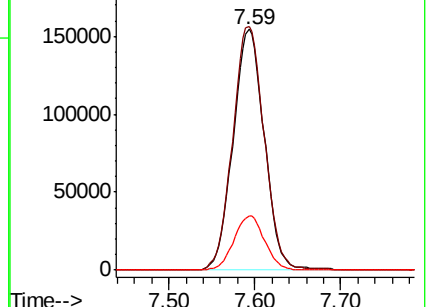
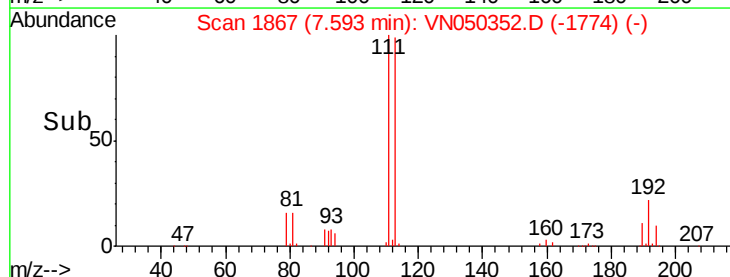
192 22.2 17.8 26.6

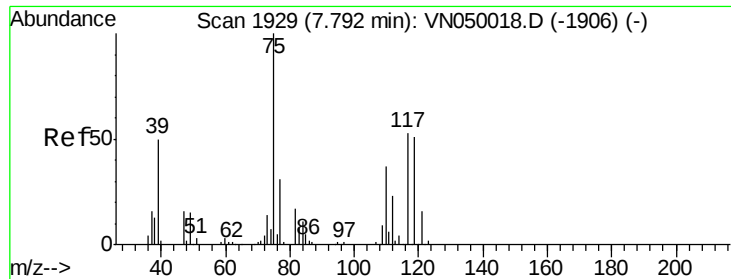


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

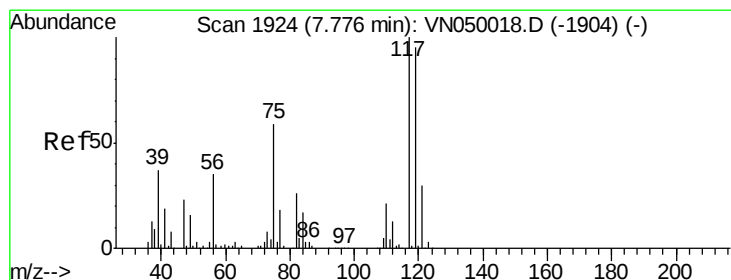
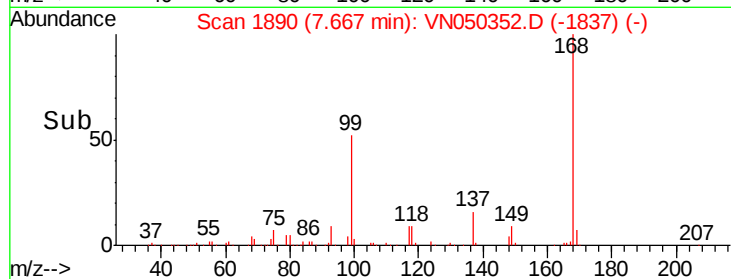
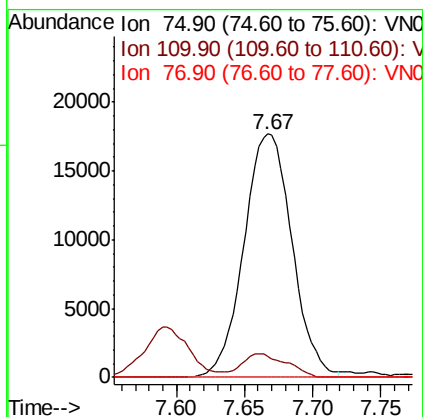
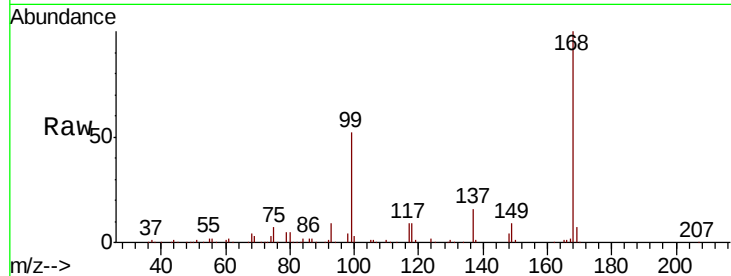




#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050352.D
 Acq: 4 Aug 2018 8:22

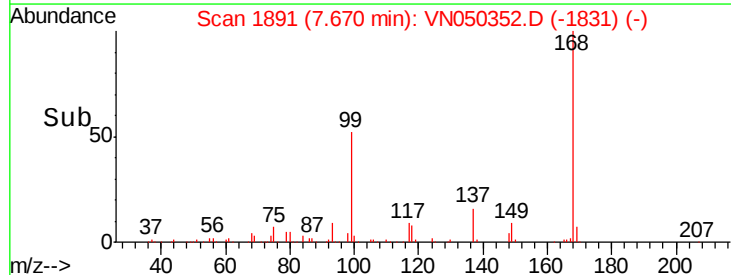
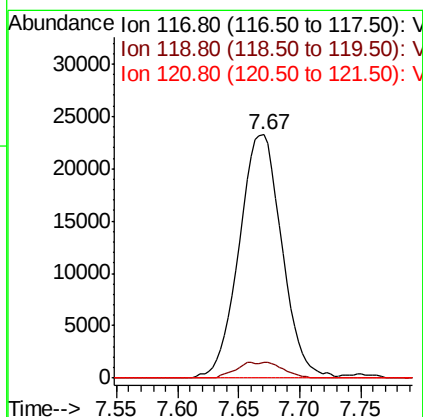
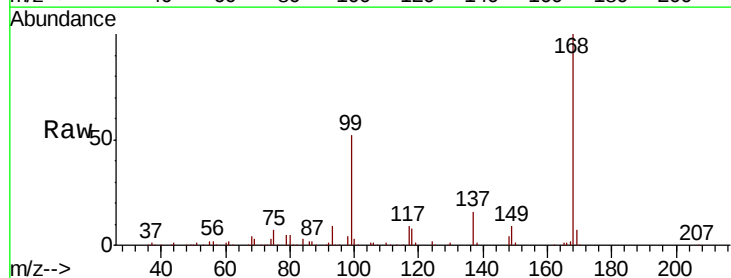
Instrument :
 MSVOA_N
 ClientSampleId :
 ES-RO-276

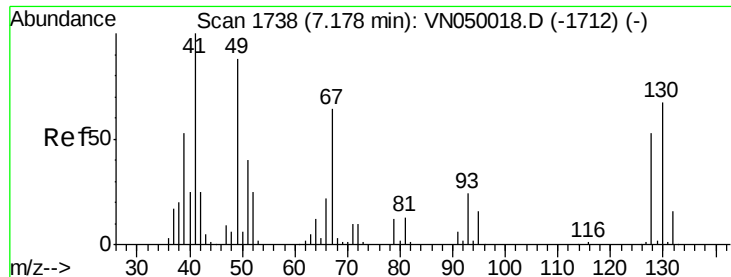
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.50 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050352.D
 Acq: 4 Aug 2018 8:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.4	116.0#
121	0.0	23.9	35.9#

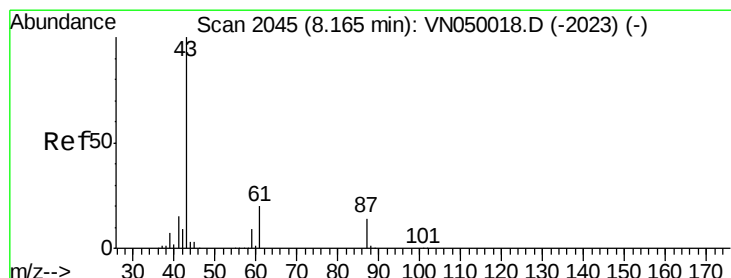
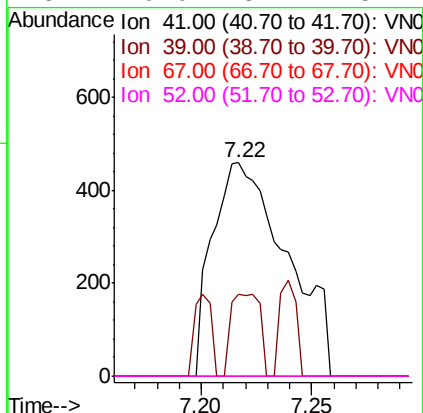
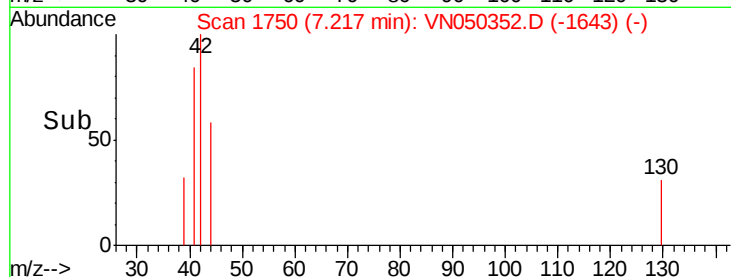
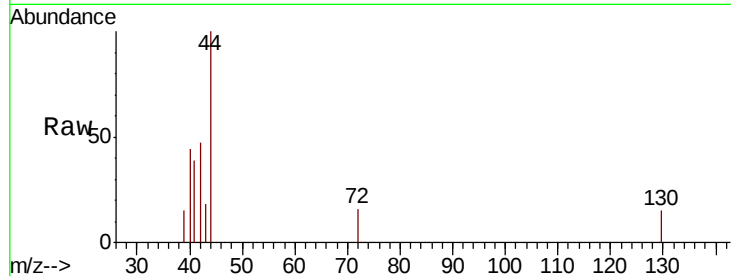




#41
Methacrylonitrile
Concen: 2.98 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

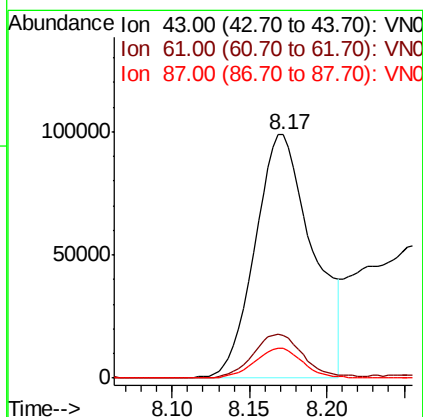
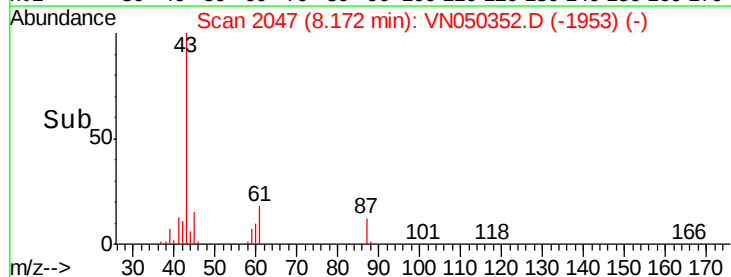
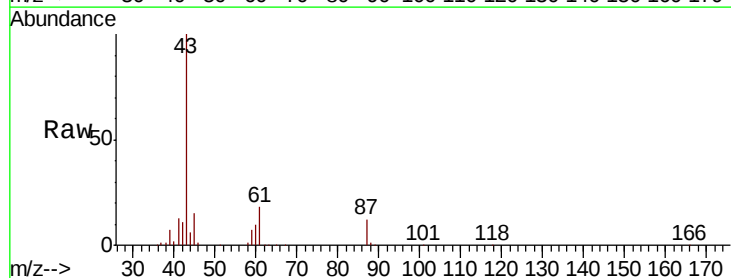
Instrument :
MSVOA_N
ClientSampleId :
ES-RO-276

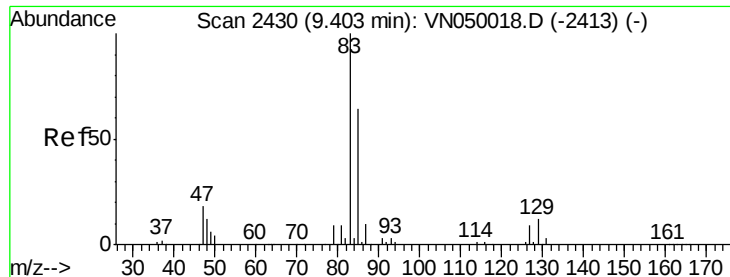
Tot Ion: 41 Resp: 1069
Ion Ratio Lower Upper
41 100
39 15.2 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 15.63 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Tgt Ion: 43 Resp: 254774
Ion Ratio Lower Upper
43 100
61 16.0 15.8 23.6
87 10.2 10.3 15.5#





#47

Bromodichloromethane

Concen: 0.26 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampled :

ES-RO-276

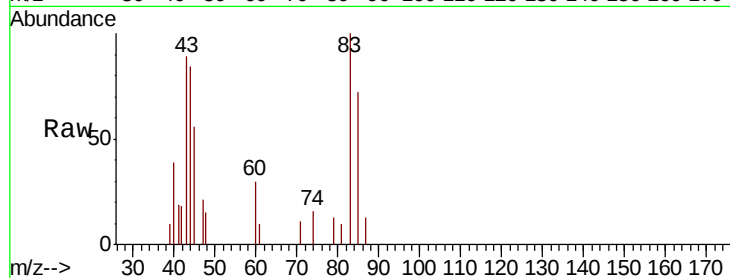
Tot Ion: 83 Resp: 3185

Ion Ratio Lower Upper

83 100

85 72.0 51.1 76.7

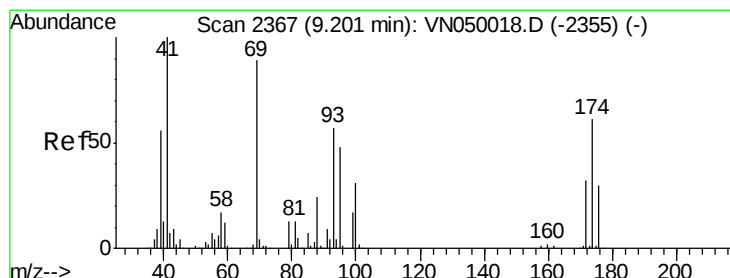
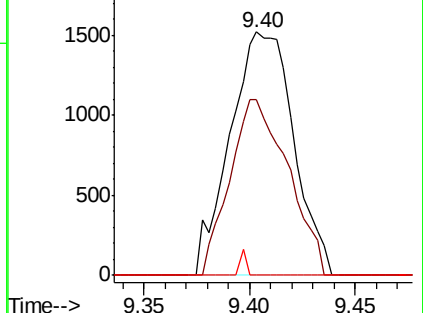
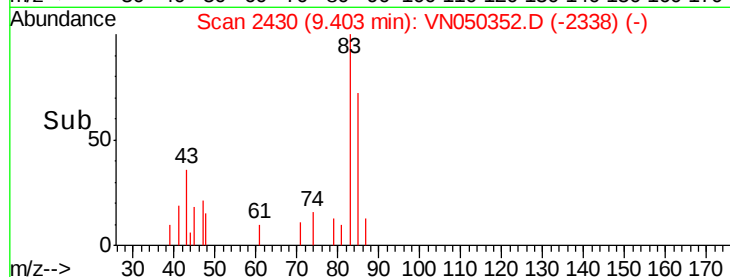
127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VN050352.D (-2338) (-)

Ion 84.90 (84.60 to 85.60): VN050352.D (-2338) (-)

Ion 126.80 (126.50 to 127.50): VN050352.D (-2338) (-)



#48

Methyl methacrylate

Concen: 1.18 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

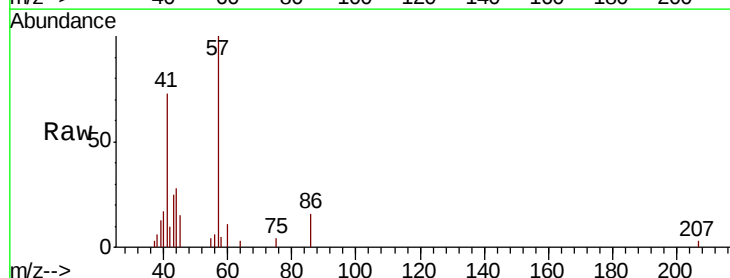
Tgt Ion: 41 Resp: 8408

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

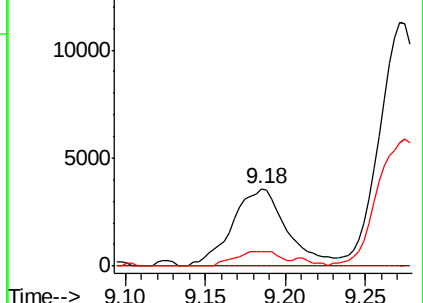
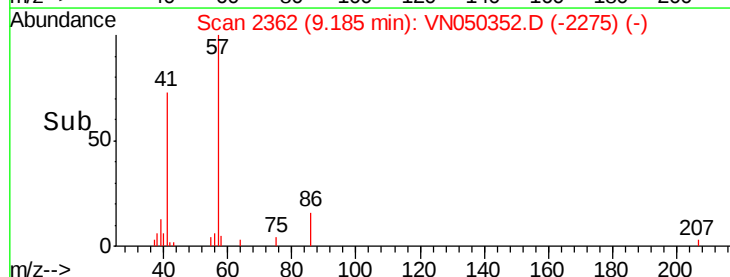
39 15.0 43.9 65.9#

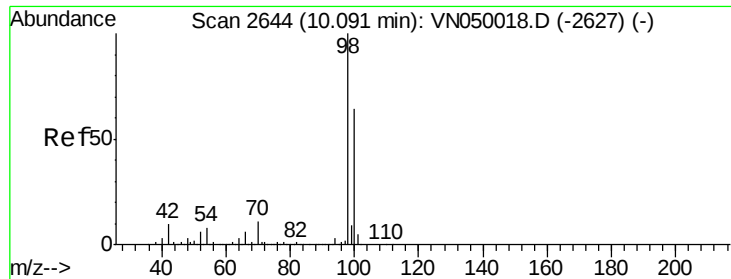


Abundance Ion 41.00 (40.70 to 41.70): VN050352.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN050352.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN050352.D (-2275) (-)





#50

Toluene-d8

Concen: 45.76 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampled :

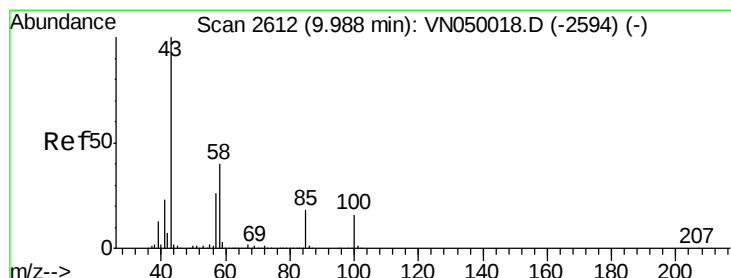
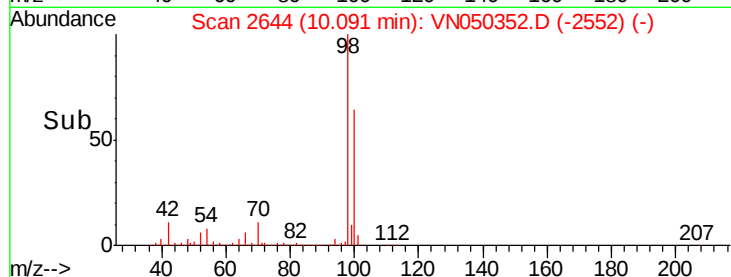
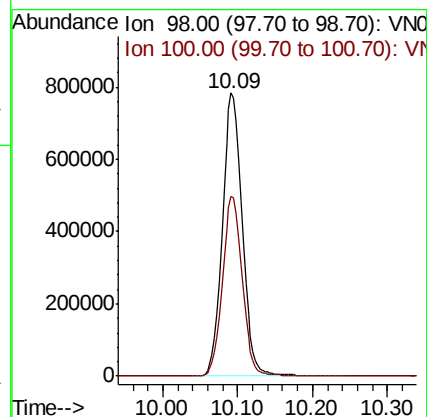
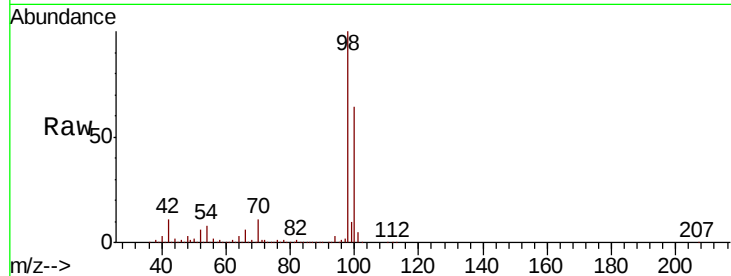
ES-RO-276

Tot Ion: 98 Resp: 1440722

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050352.D

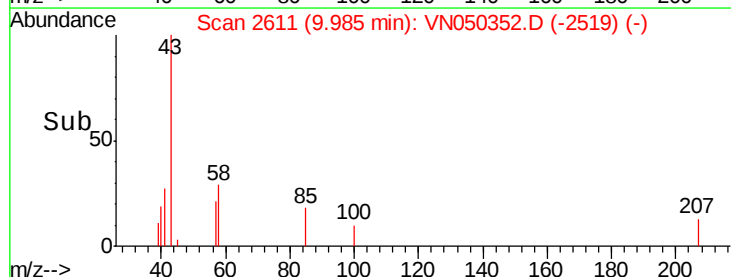
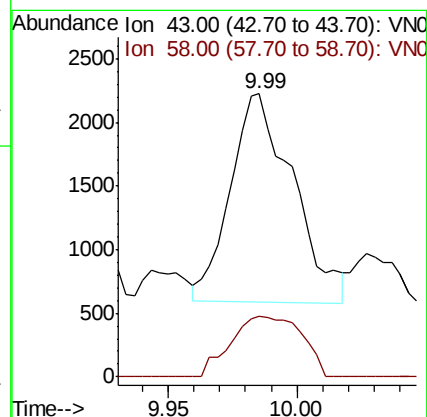
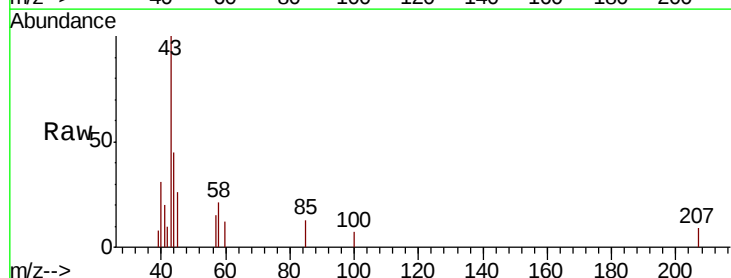
Acq: 4 Aug 2018 8:22

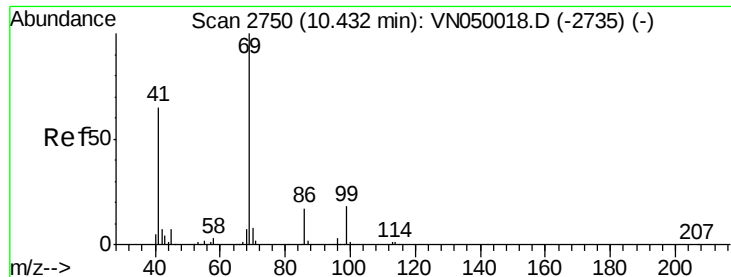
Tgt Ion: 43 Resp: 2763

Ion Ratio Lower Upper

43 100

58 32.9 31.9 47.9





#56

Ethyl methacrylate

Concen: 2.26 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampled :

ES-RO-276

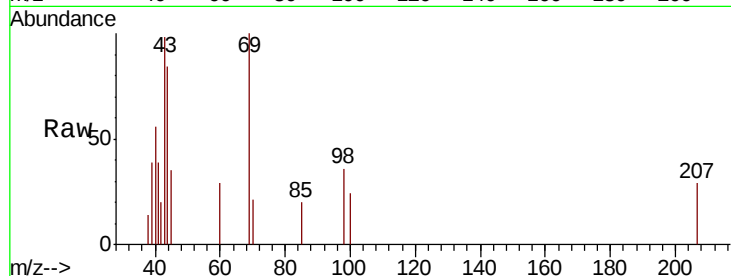
Tot Ion: 69 Resp: 2684

Ion Ratio Lower Upper

69 100

41 64.0 51.0 76.4

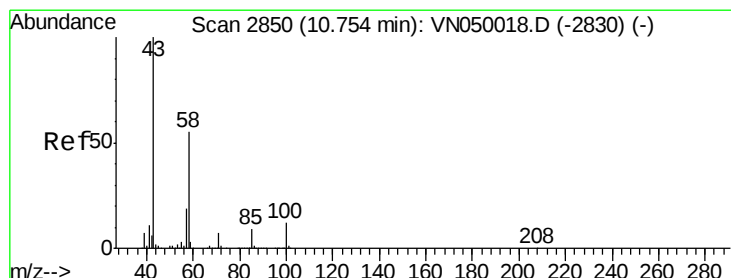
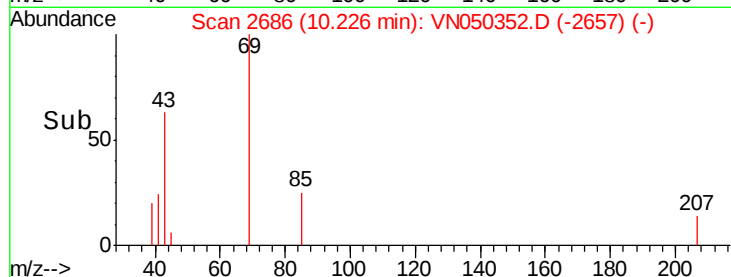
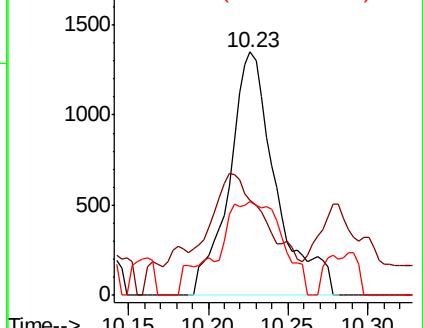
39 55.1 26.6 40.0#



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



#59

2-Hexanone

Concen: 7.82 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050352.D

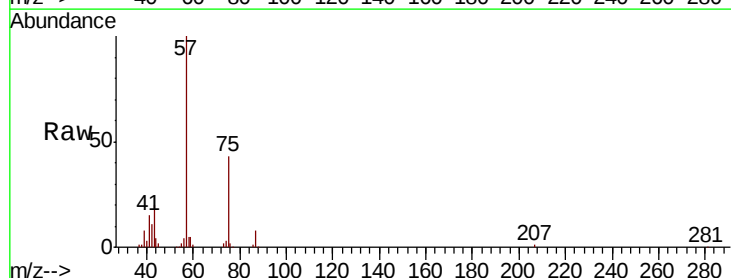
Acq: 4 Aug 2018 8:22

Tgt Ion: 43 Resp: 16069

Ion Ratio Lower Upper

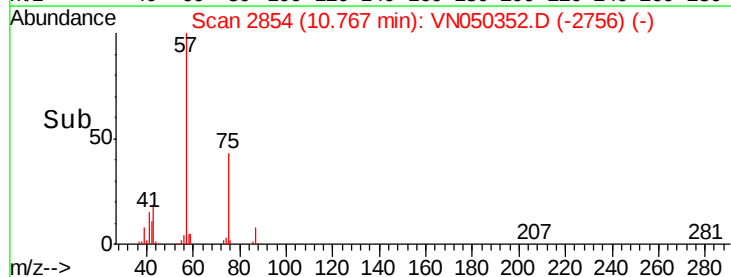
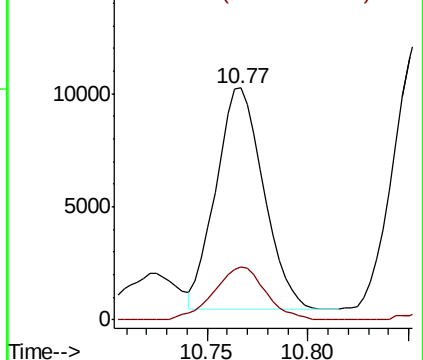
43 100

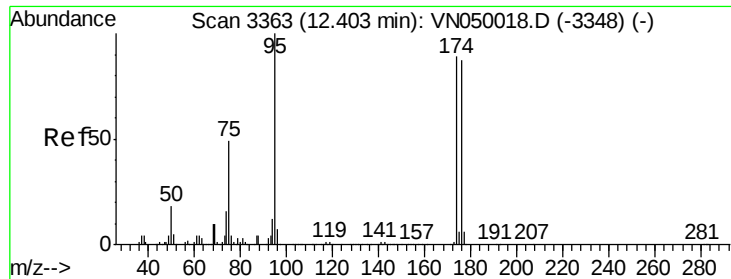
58 26.1 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

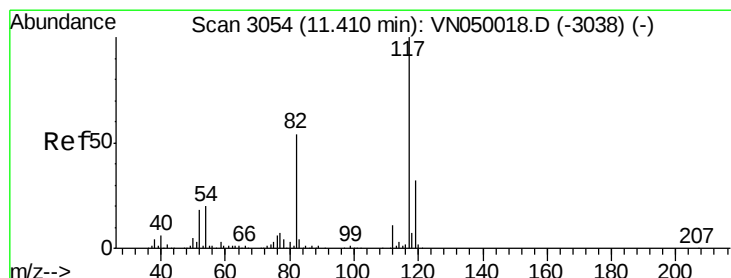
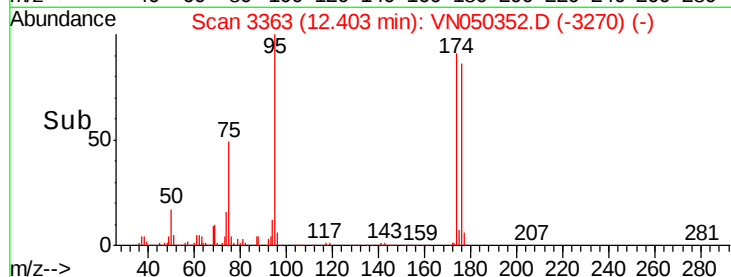
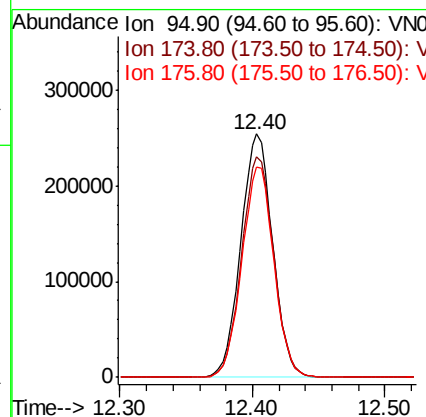
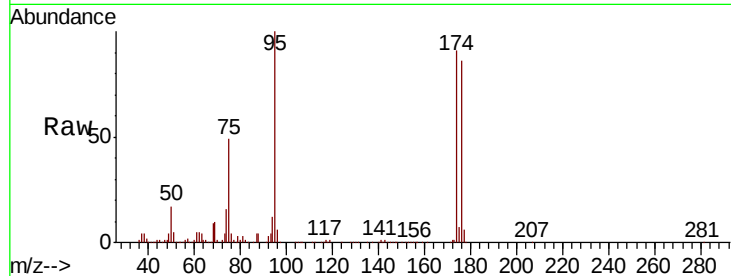




#62
4-Bromofluorobenzene
Concen: 40.75 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

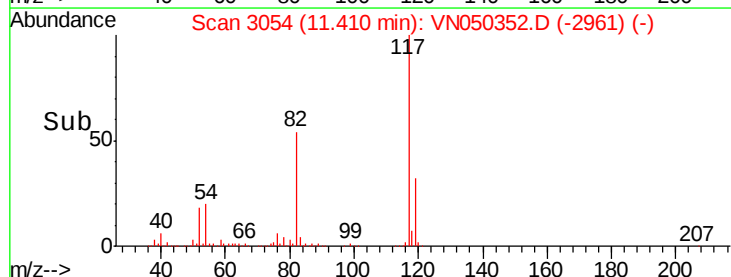
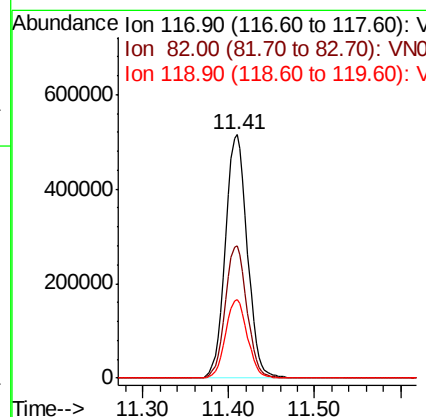
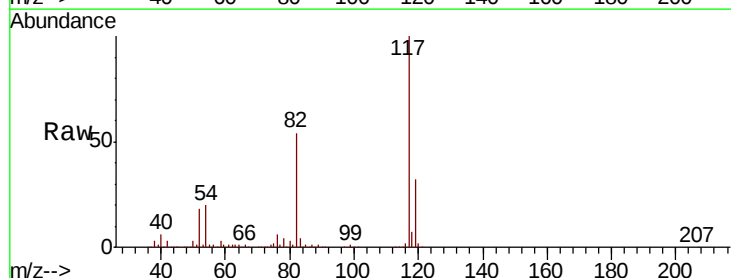
Instrument :
MSVOA_N
ClientSampleId :
ES-RO-276

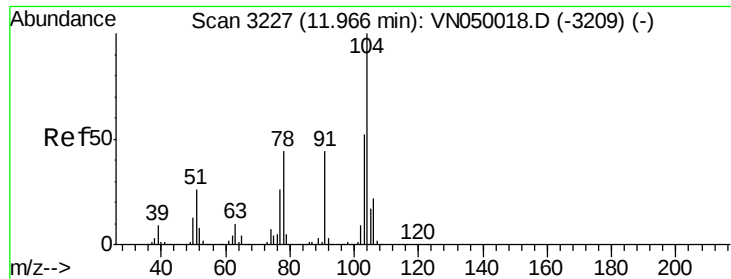
Tot Ion: 95 Resp: 422492
Ion Ratio Lower Upper
95 100
174 91.6 0.0 178.2
176 87.0 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Tgt Ion: 117 Resp: 914123
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.3 26.1 39.1





#70

Stvrene

Concen: 0.92 ug/l

RT: 11.97 min Scan# 3229

Delta R.T. 0.01 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

ES-RO-276

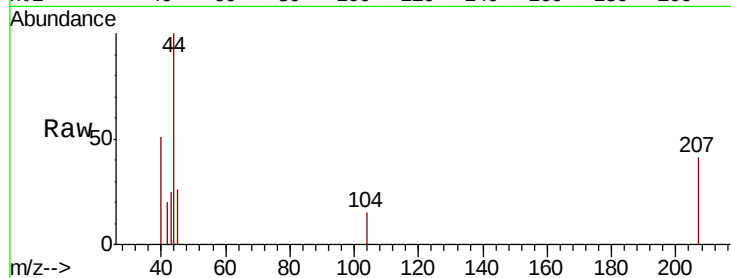
Tot Ion:104 Resp: 30

Ion Ratio Lower Upper

104 100

78 0.0 39.3 58.9#

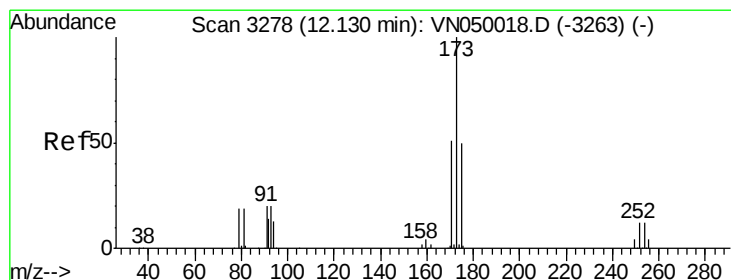
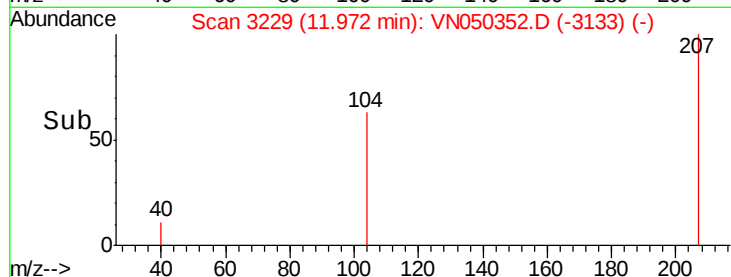
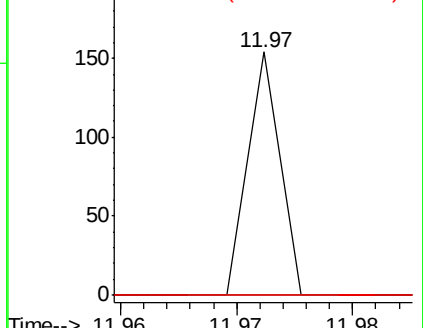
103 0.0 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.64 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

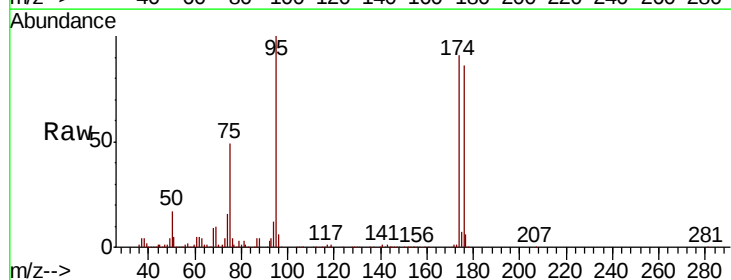
Tgt Ion:173 Resp: 4100

Ion Ratio Lower Upper

173 100

175 601.9 24.1 72.2#

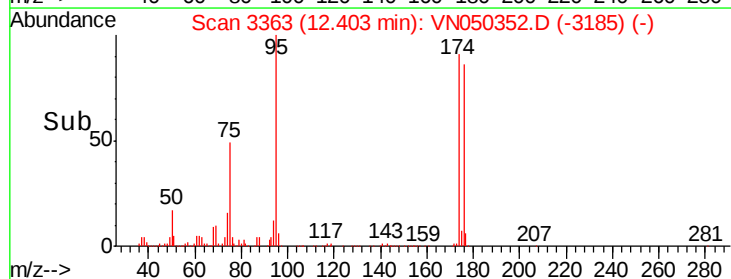
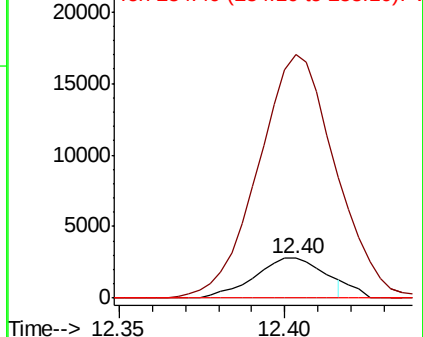
254 0.0 0.2 0.2#

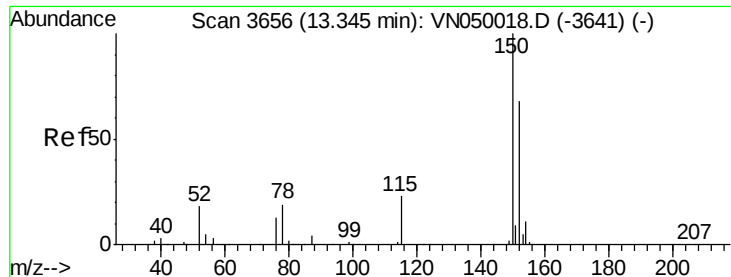


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

ES-RO-276

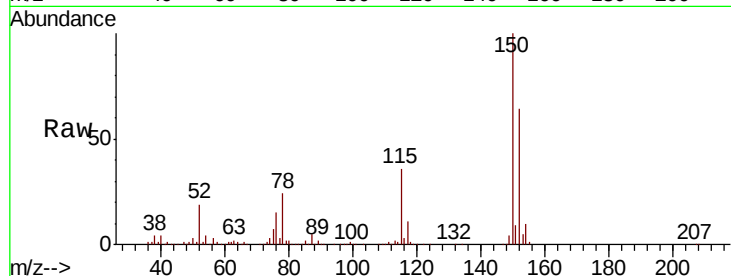
Tot Ion:152 Resp: 381695

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

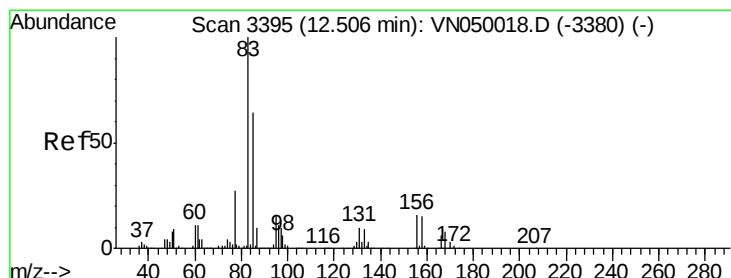
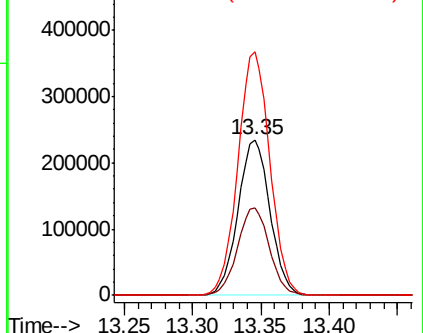
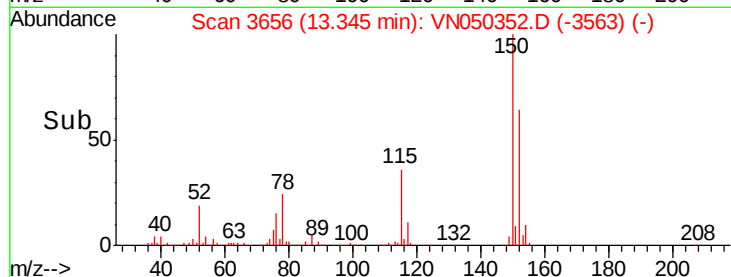
150 156.6 0.0 348.6



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

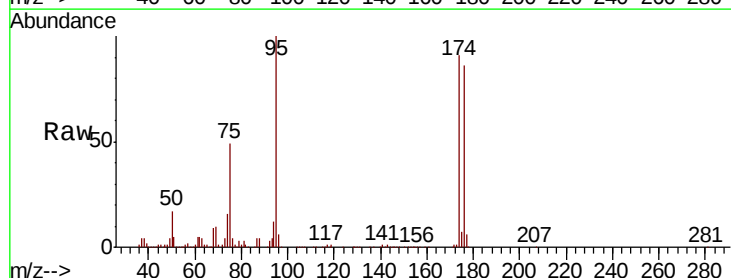
Tgt Ion: 83 Resp: 420

Ion Ratio Lower Upper

83 100

131 104.8 5.1 15.3#

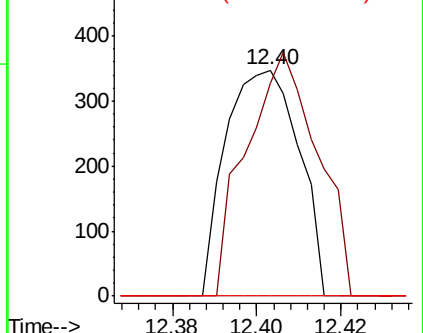
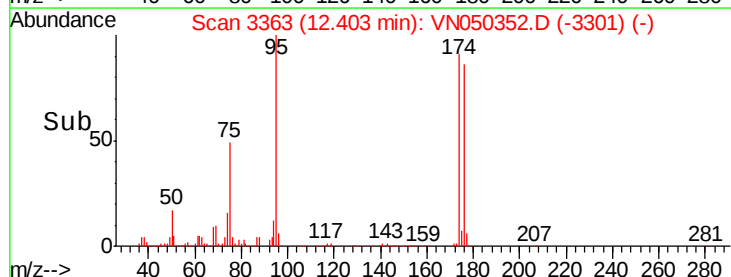
85 0.0 32.3 96.8#

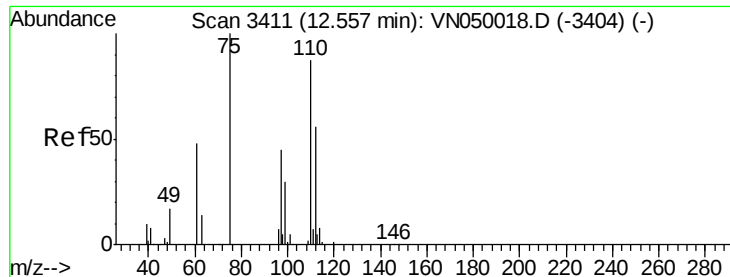


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 29.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

Instrument :

MSVOA_N

ClientSampleId :

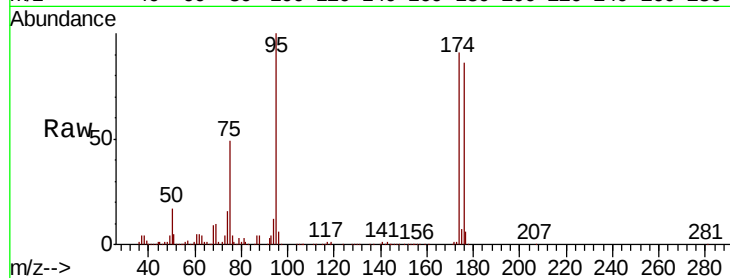
ES-RO-276

Tot Ion: 75 Resp: 206033

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

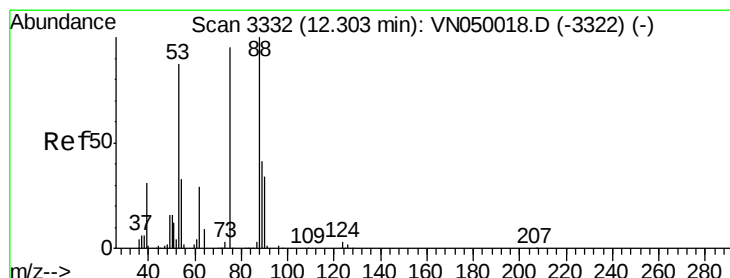
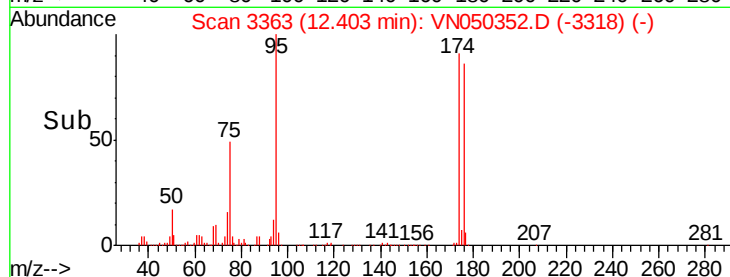
12.40

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 92.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050352.D

Acq: 4 Aug 2018 8:22

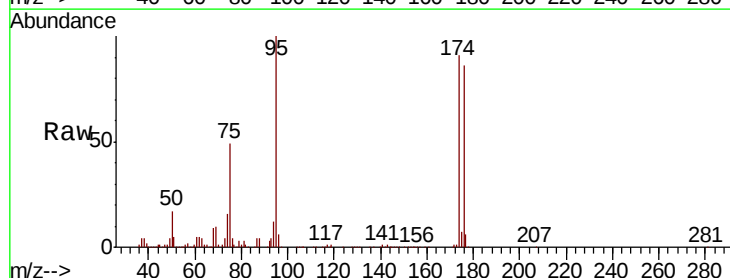
Tgt Ion: 75 Resp: 206033

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

89 0.0 36.0 54.0#



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

12.40

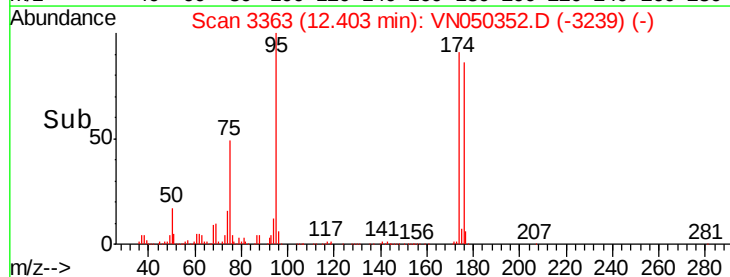
150000

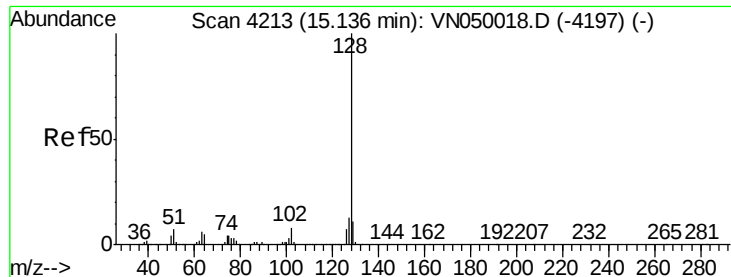
100000

50000

0

Time-->

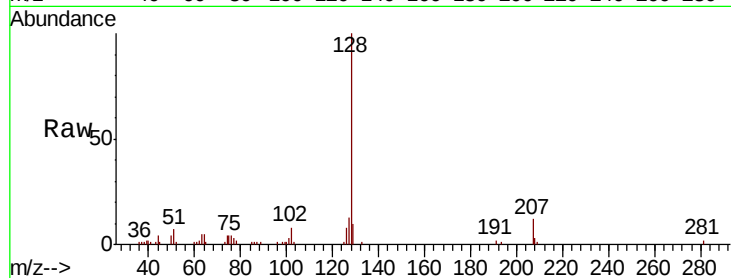




#95
Naphthalene
Concen: 7.28 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050352.D
Acq: 4 Aug 2018 8:22

Instrument :
MSVOA_N
ClientSampleId :
ES-RO-276

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.4	8.8	13.2



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

