

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050899.D
 Acq On : 27 Aug 2018 15:22
 Operator : MD\SY
 Sample : J4652-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SONO-S

Quant Time: Aug 28 01:40:03 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	615025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1014504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310364	50.00	ug/l	0.00

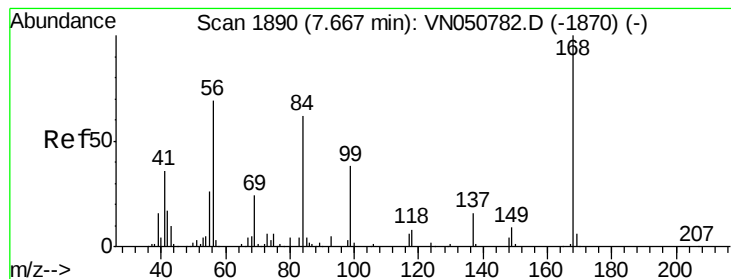
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	409461	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
35) Dibromofluoromethane	7.59	113	381823	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	10.09	98	1386616	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
62) 4-Bromofluorobenzene	12.40	95	384577	38.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.70%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2269	0.22	ug/l	96
5) Bromomethane	2.57	94	2346	Below	Cal	95
10) Methyl Iodide	3.96	142	636	6.42	ug/l #	43
16) Acetone	3.82	43	30355	10.55	ug/l	98
18) Methyl Acetate	4.34	43	17222	2.46	ug/l #	72
20) Methylene Chloride	4.55	84	77378	9.27	ug/l	97
25) 2-Butanone	6.84	43	8283	2.78	ug/l	92
28) Bromochloromethane	7.37	49	1472	0.25	ug/l #	10
29) Tetrahydrofuran	7.22	42	1455	0.85	ug/l #	69
30) Chloroform	7.37	83	24300	1.78	ug/l	94
31) Cyclohexane	7.67	56	10552	1.30	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42660	3.56	ug/l #	48
37) Ethyl Acetate	6.94	43	1412	0.21	ug/l #	67
38) Carbon Tetrachloride	7.67	117	55614	4.60	ug/l #	17
43) Isopropyl Acetate	8.17	43	272048	23.01	ug/l	92
47) Bromodichloromethane	9.40	83	4551	0.39	ug/l #	85
48) Methyl methacrylate	9.18	41	7319	1.21	ug/l #	18
52) Toluene	10.16	92	6427	0.30	ug/l	95
56) Ethyl methacrylate	10.23	69	221	2.37	ug/l #	1
59) 2-Hexanone	10.77	43	3418	0.73	ug/l	65
67) Ethyl Benzene	11.51	91	8623	0.24	ug/l	98
68) m/p-Xylenes	11.62	106	8772	0.63	ug/l	93
69) o-Xylene	11.95	106	3247	0.24	ug/l	83
70) Styrene	11.96	104	950	1.31	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.40	83	297	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	180727	33.25	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5000	0.24	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	180727	112.39	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	9675	0.46	ug/l	96
90) Hexachloroethane	13.89	117	441	0.30	ug/l #	4
95) Naphthalene	15.14	128	19138	6.78	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

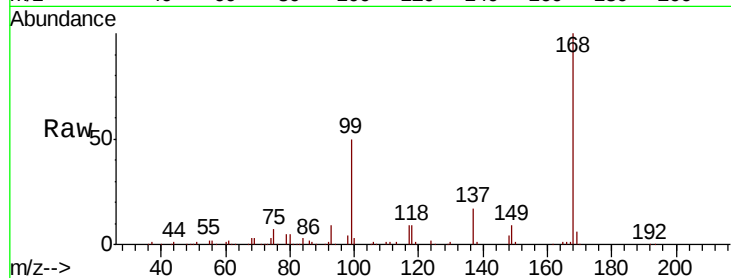
SONO-S

Tot Ion:168 Resp: 615025

Ion Ratio Lower Upper

168 100

99 49.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

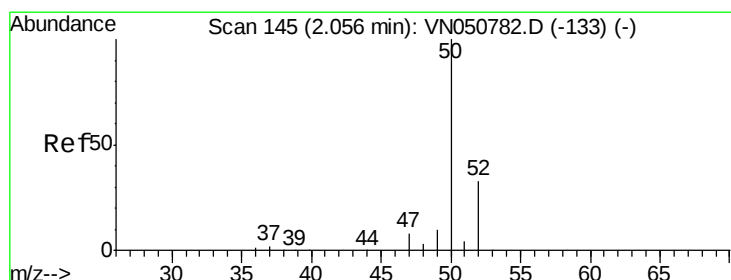
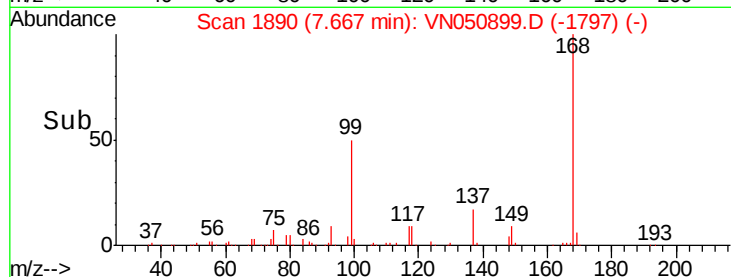
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050899.D

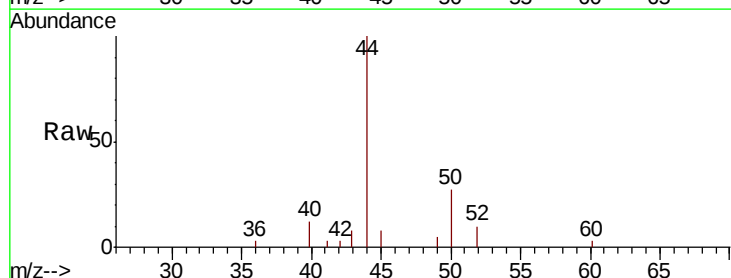
Acq: 27 Aug 2018 15:22

Tgt Ion: 50 Resp: 2269

Ion Ratio Lower Upper

50 100

52 35.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050782.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050782.D (-133) (-)

2.06

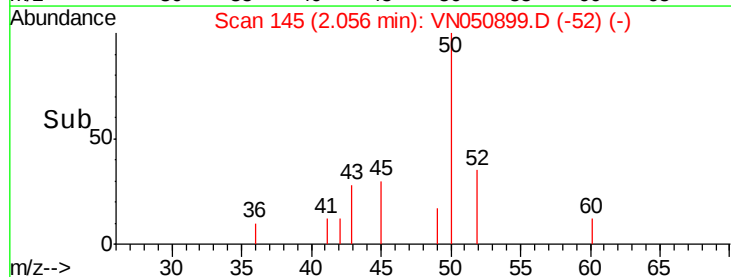
1500

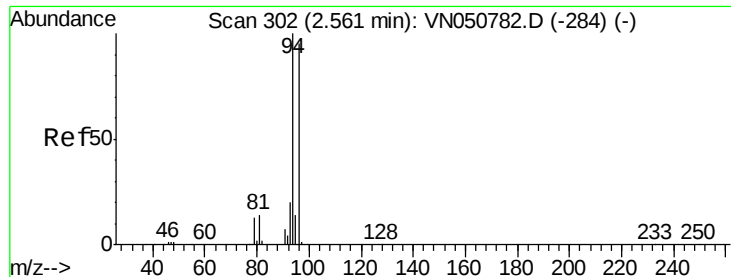
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

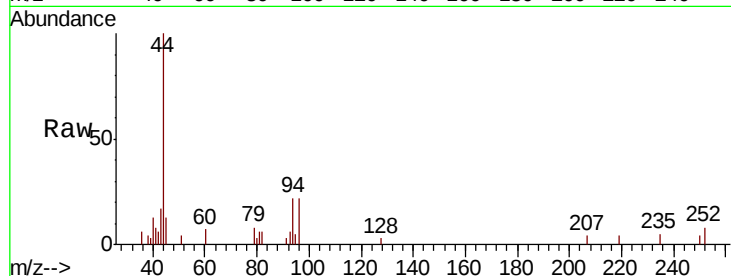
SONO-S

Tot Ion: 94 Resp: 2346

Ion Ratio Lower Upper

94 100

96 100.2 76.2 114.2



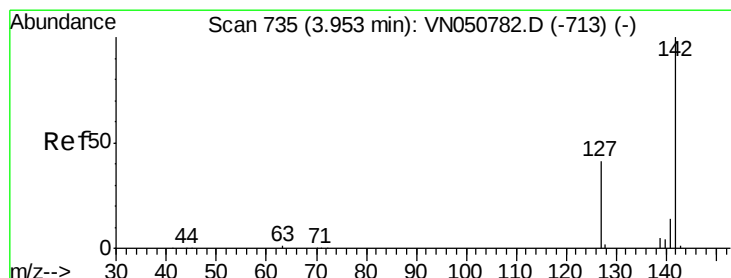
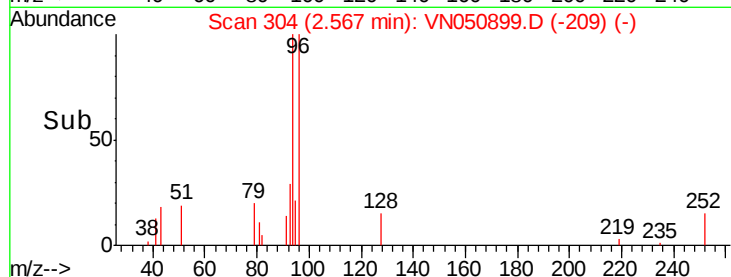
Abundance Ion 93.90 (93.60 to 94.60): VN050899.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050899.D (-284) (-)

2.57

2.60

Time-->



#10

Methyl Iodide

Concen: 6.42 ug/l

RT: 3.96 min Scan# 737

Delta R.T. 0.01 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

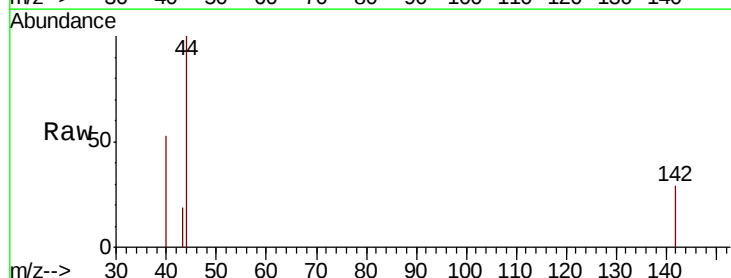
Tgt Ion: 142 Resp: 636

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050899.D (-713) (-)

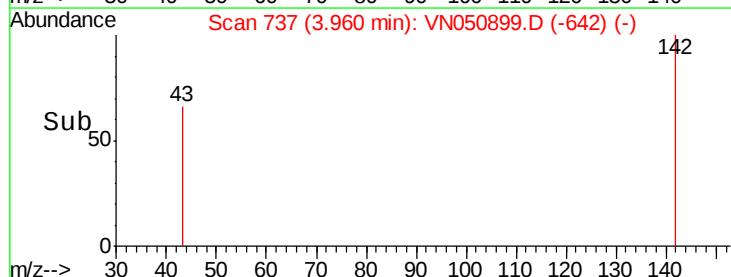
Ion 126.80 (126.50 to 127.50): VN050899.D (-713) (-)

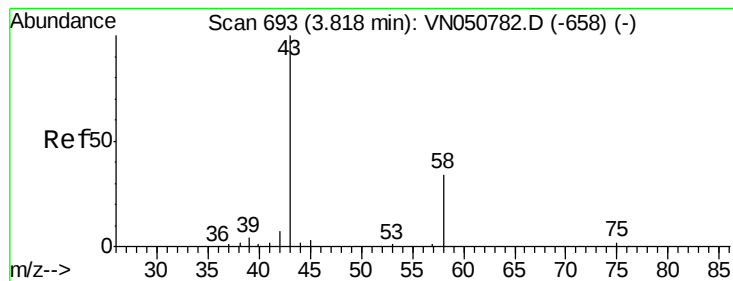
Ion 140.80 (140.50 to 141.50): VN050899.D (-713) (-)

3.96

4.00

Time-->





#16

Acetone

Concen: 10.55 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

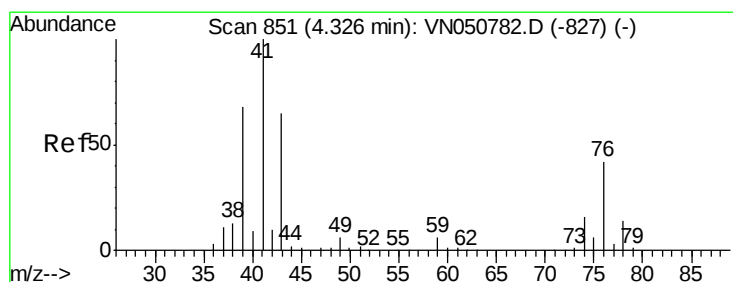
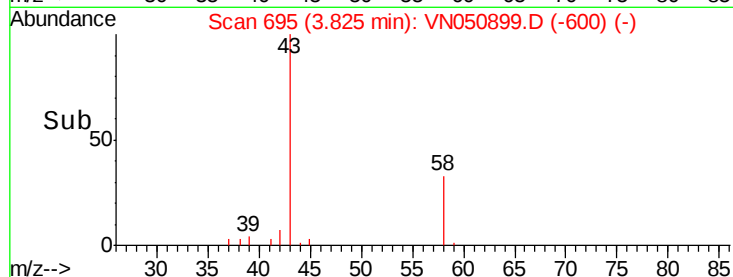
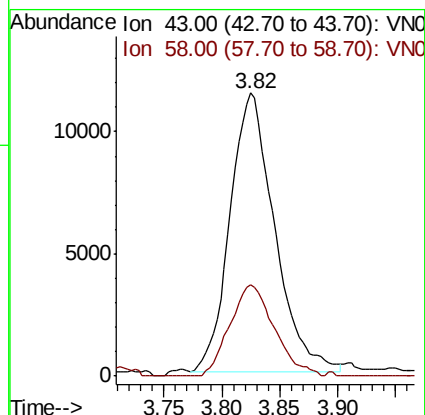
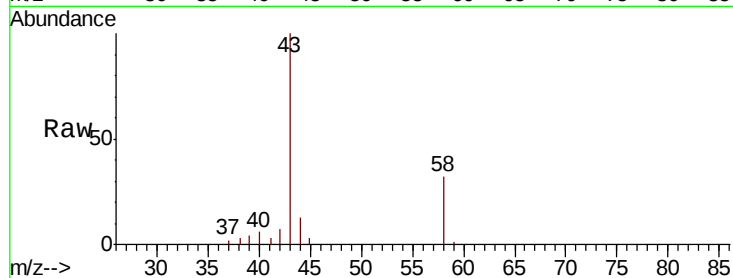
SONO-S

Tot Ion: 43 Resp: 30355

Ion Ratio Lower Upper

43 100

58 32.8 27.2 40.8



#18

Methyl Acetate

Concen: 2.46 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050899.D

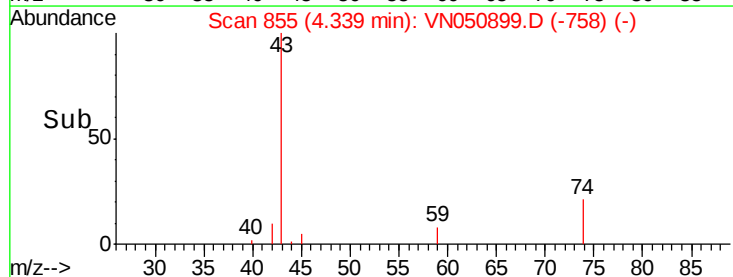
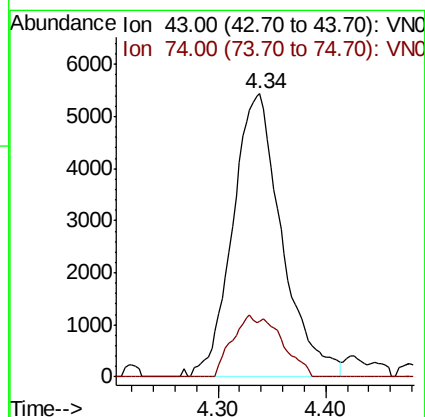
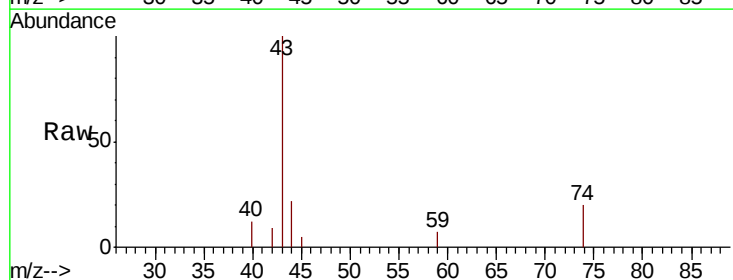
Acq: 27 Aug 2018 15:22

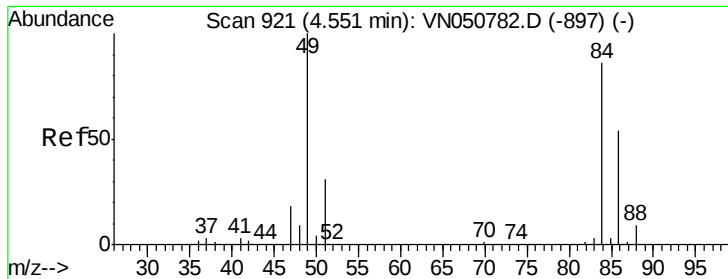
Tgt Ion: 43 Resp: 17222

Ion Ratio Lower Upper

43 100

74 10.9 19.8 29.8#



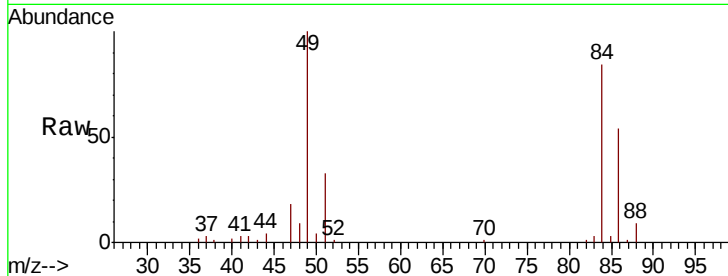


#20
Methvlene Chloride
Concen: 9.27 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

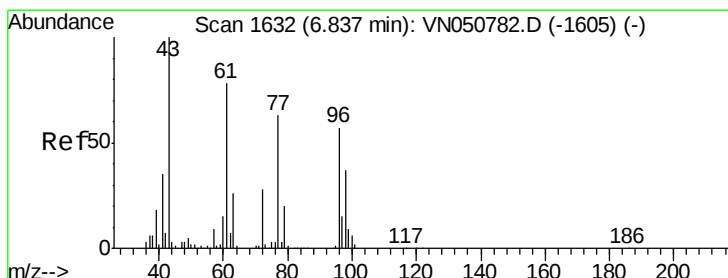
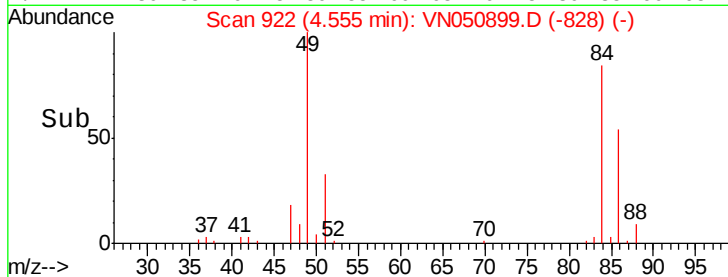
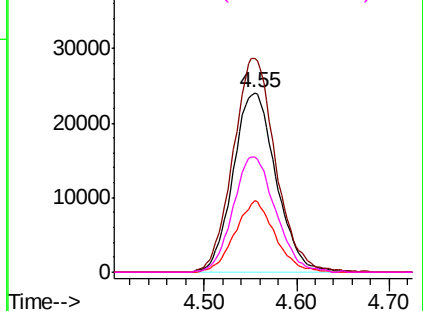
Instrument :
MSVOA_N
ClientSampleId :
SONO-S

Tot Ion: 84 Resp: 77378

Ion	Ratio	Lower	Upper
84	100		
49	118.6	93.2	139.8
51	39.6	29.0	43.6
86	64.0	49.8	74.8



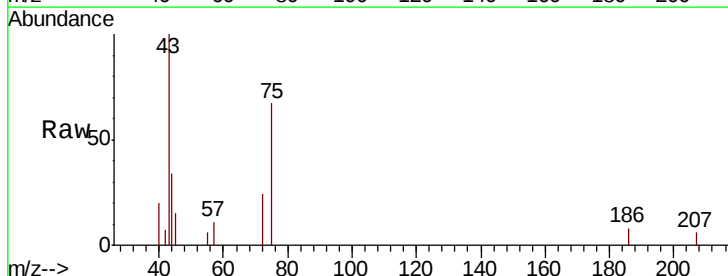
Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC



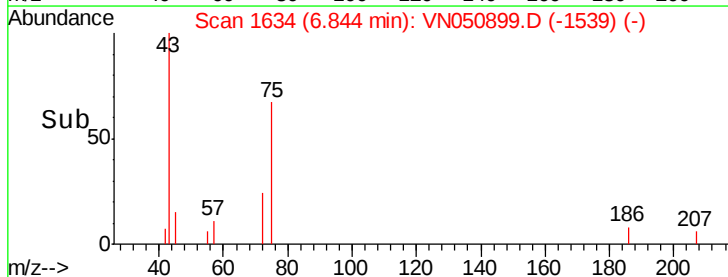
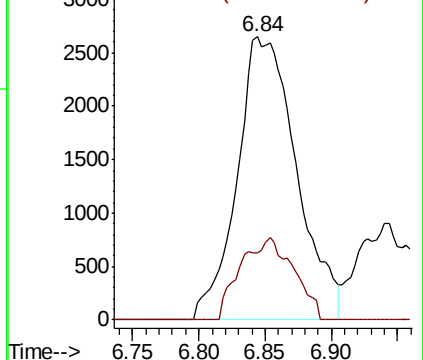
#25
2-Butanone
Concen: 2.78 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.01 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

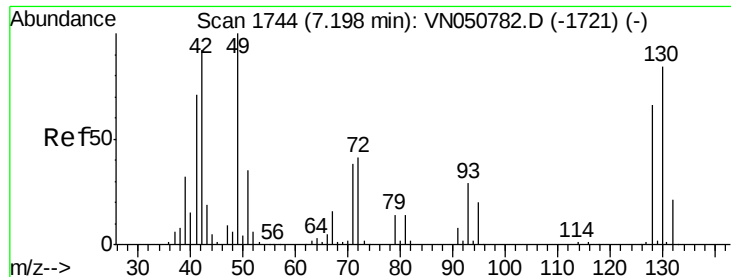
Tgt Ion: 43 Resp: 8283

Ion	Ratio	Lower	Upper
43	100		
72	23.8	22.3	33.5



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC





#28

Bromochloromethane

Concen: 0.25 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.18 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

SONO-S

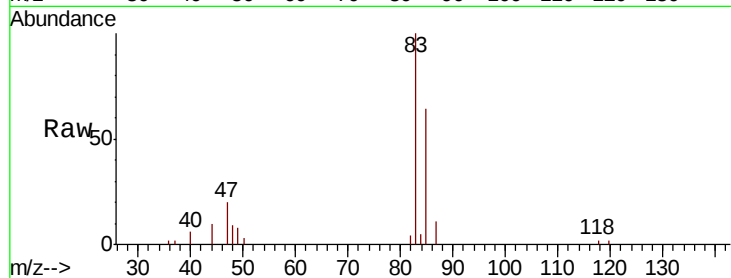
Tot Ion: 49 Resp: 1472

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 67.1 100.7#

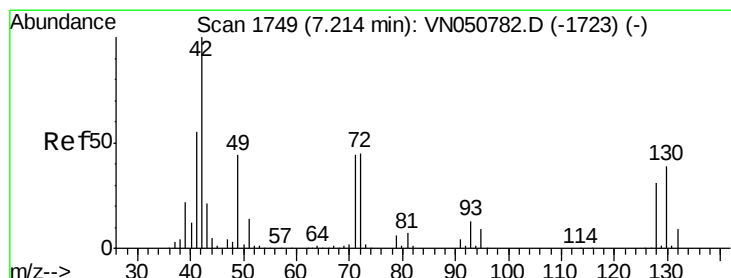
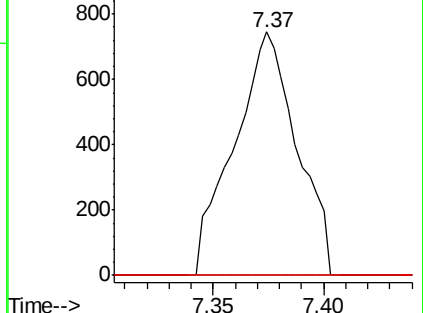
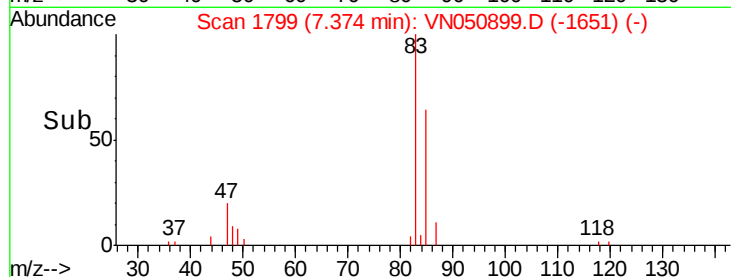


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->



#29

Tetrahydrofuran

Concen: 0.85 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

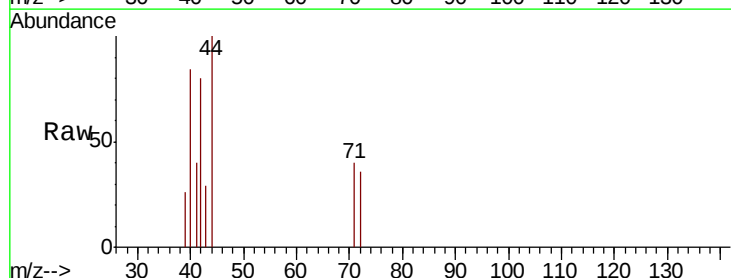
Tgt Ion: 42 Resp: 1455

Ion Ratio Lower Upper

42 100

72 22.3 35.5 53.3#

71 24.6 33.7 50.5#

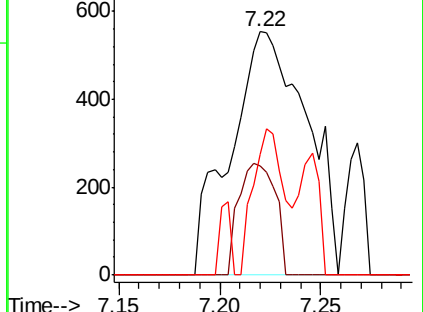
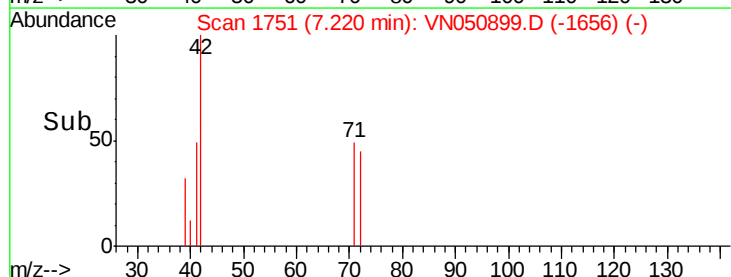


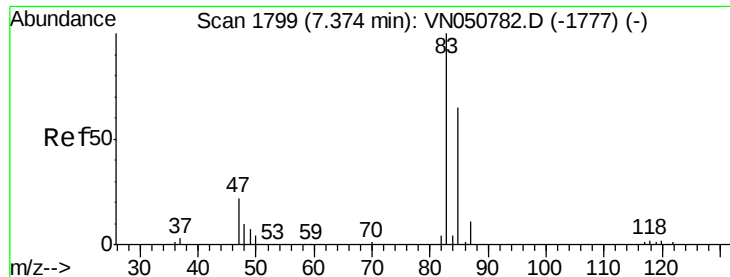
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->





#30

Chloroform

Concen: 1.78 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

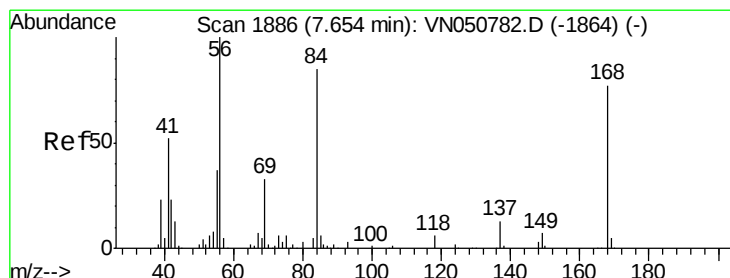
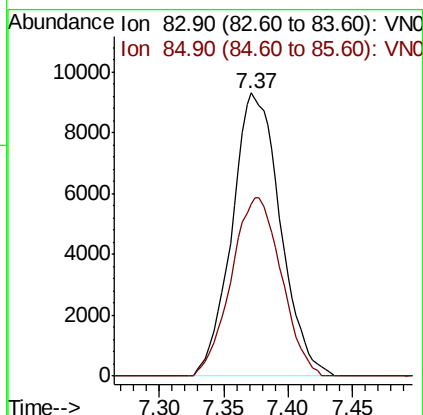
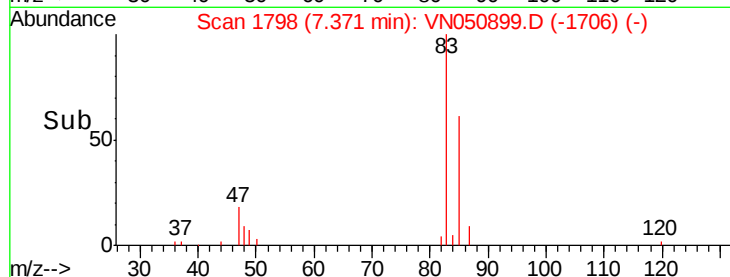
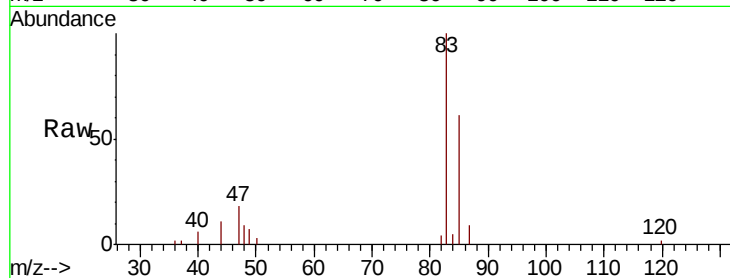
SONO-S

Tot Ion: 83 Resp: 24300

Ion Ratio Lower Upper

83 100

85 60.6 52.2 78.4



#31

Cyclohexane

Concen: 1.30 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

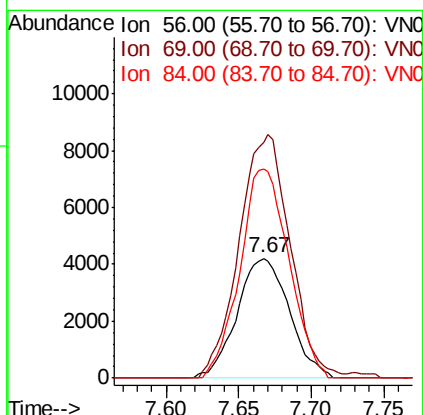
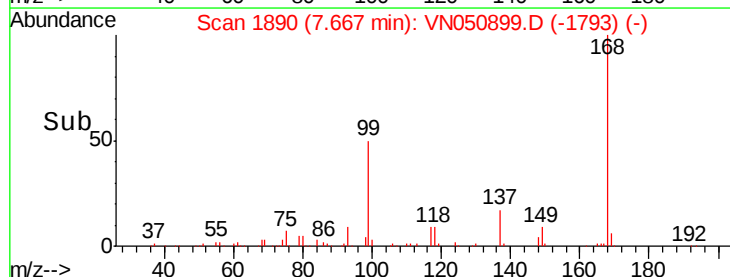
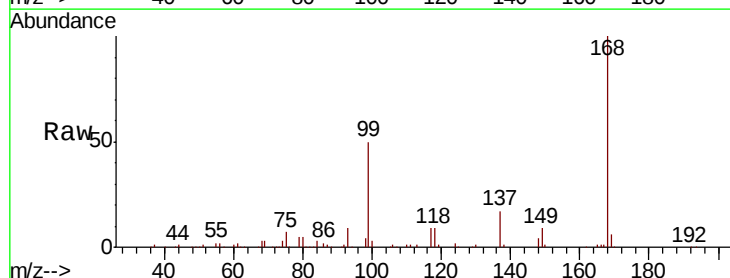
Tgt Ion: 56 Resp: 10552

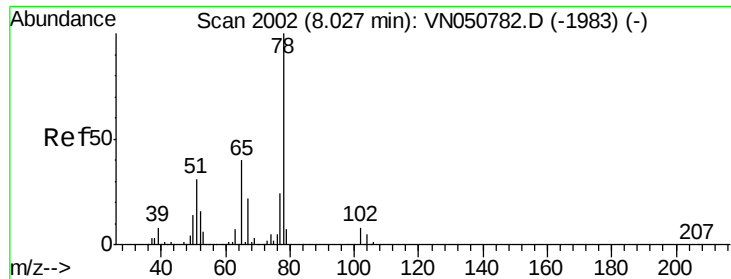
Ion Ratio Lower Upper

56 100

69 197.1 26.2 39.4#

84 175.3 68.3 102.5#

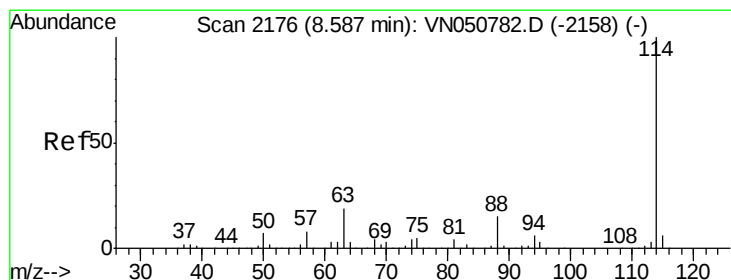
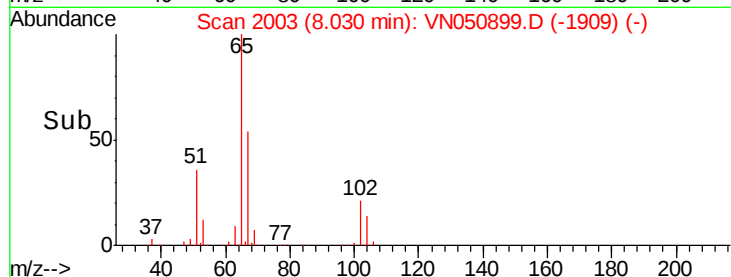
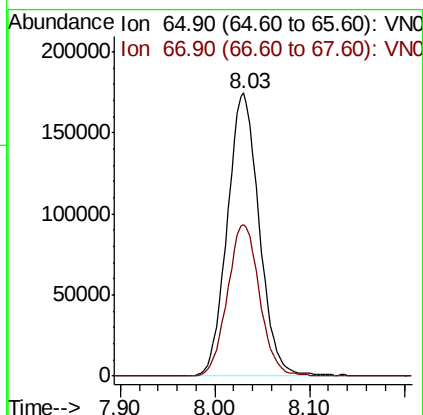
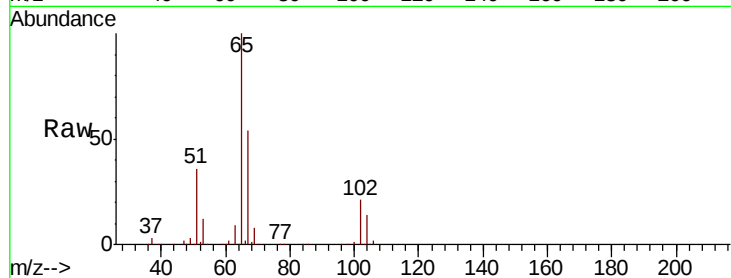




#33
 1,2-Dichloroethane-d4
 Concen: 55.30 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050899.D
 Acq: 27 Aug 2018 15:22

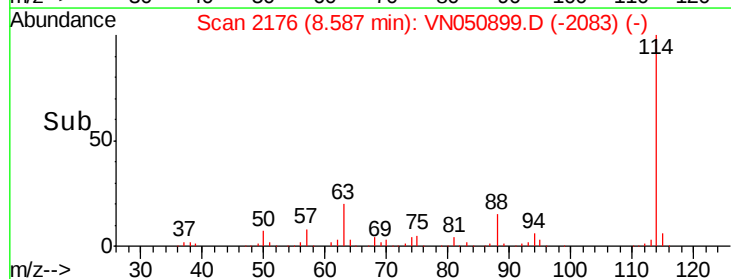
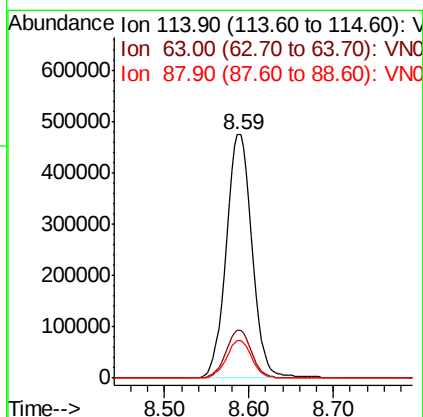
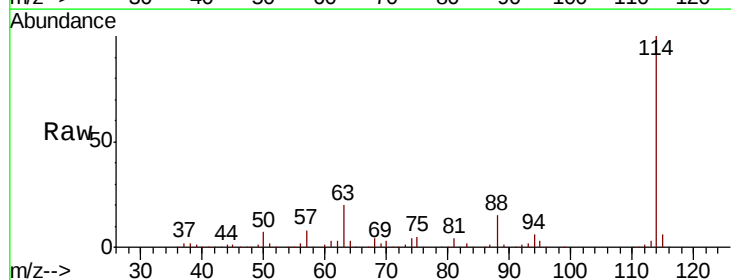
Instrument :
 MSVOA_N
 ClientSampleId :
 SONO-S

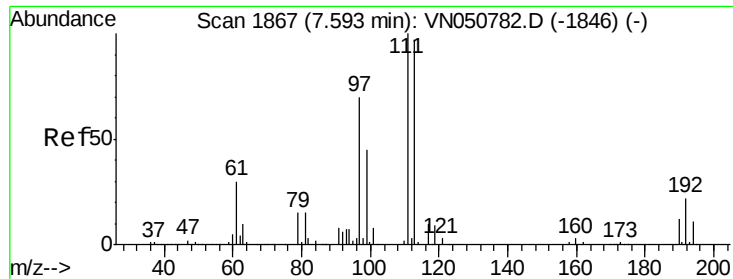
Tot Ion: 65 Resp: 409461
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050899.D
 Acq: 27 Aug 2018 15:22

Tgt Ion: 114 Resp: 1014504
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.3 0.0 30.6

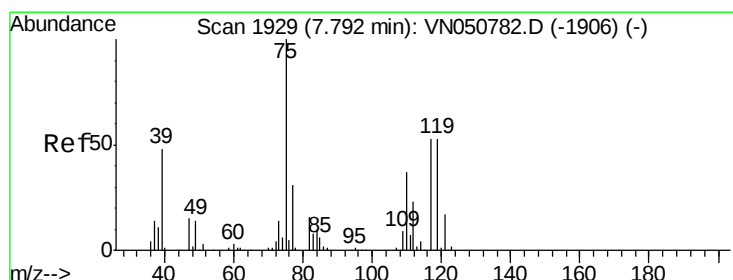
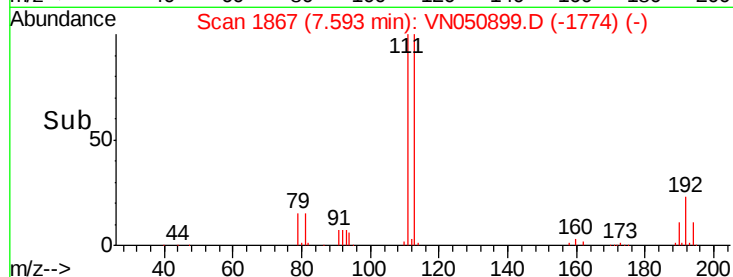
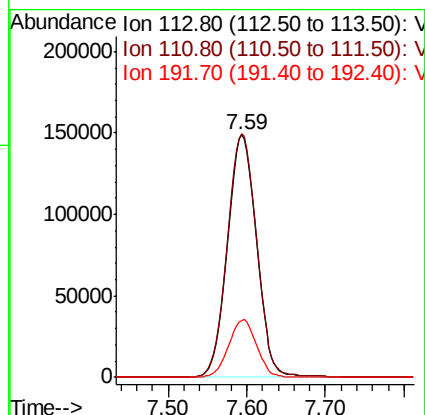
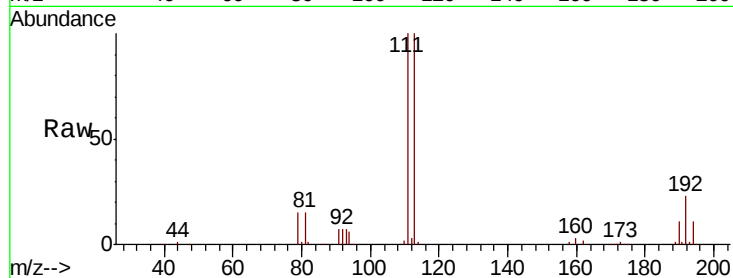




#35
Dibromofluoromethane
Concen: 47.31 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

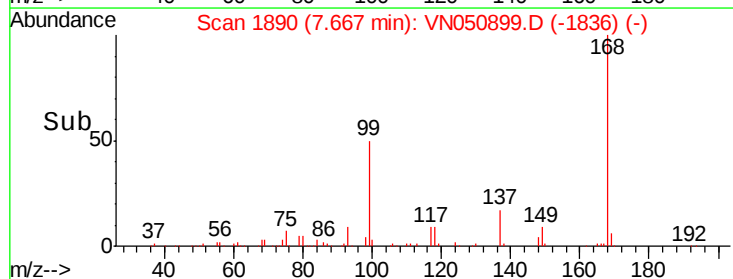
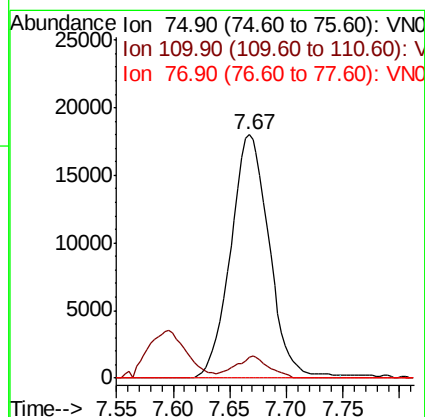
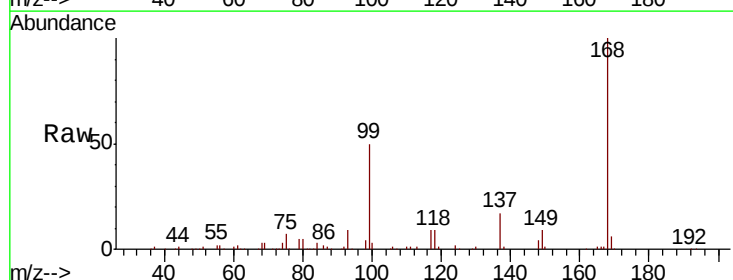
Instrument :
MSVOA_N
ClientSampleId :
SONO-S

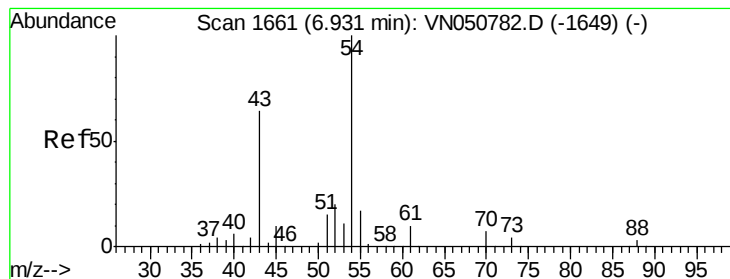
Tot Ion:113 Resp: 381823
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 22.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 3.56 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Tgt Ion: 75 Resp: 42660
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.21 ug/l

RT: 6.94 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

SONO-S

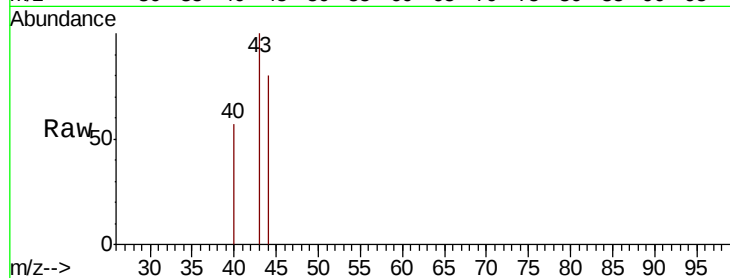
Tot Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

70 0.0 8.6 13.0#



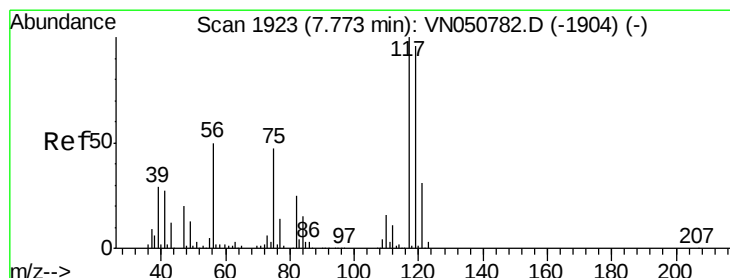
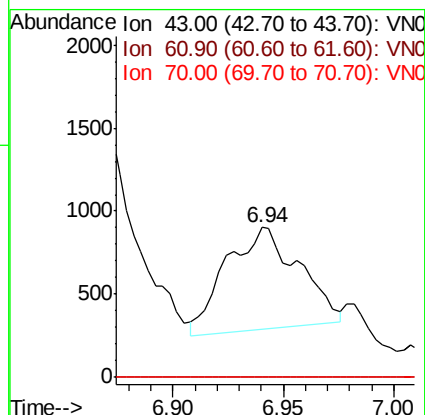
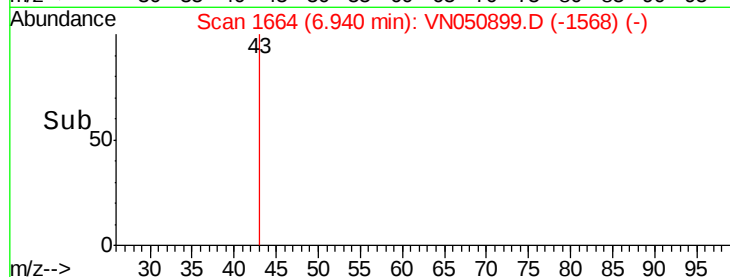
Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-1649) (-)

Ion 60.90 (60.60 to 61.60): VN050782.D (-1649) (-)

Ion 70.00 (69.70 to 70.70): VN050782.D (-1649) (-)

Time-->

6.90 6.95 7.00



#38

Carbon Tetrachloride

Concen: 4.60 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

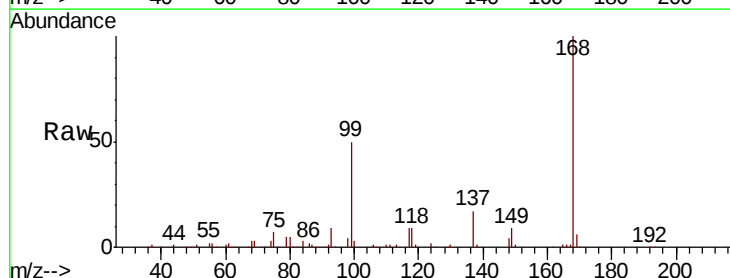
Tgt Ion: 117 Resp: 55614

Ion Ratio Lower Upper

117 100

119 6.1 76.3 114.5#

121 0.0 24.6 36.8#



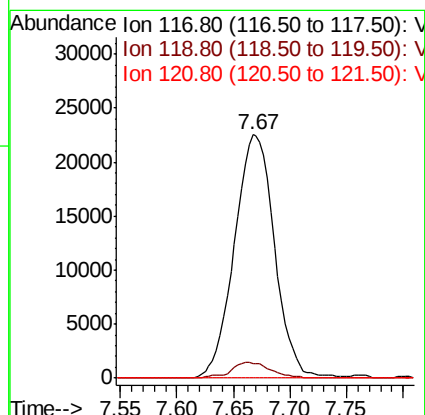
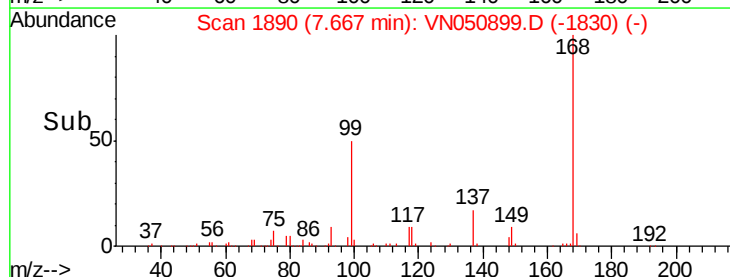
Abundance Ion 116.80 (116.50 to 117.50): VN050782.D (-1904) (-)

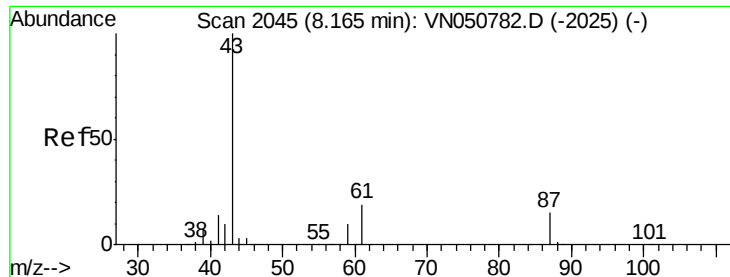
Ion 118.80 (118.50 to 119.50): VN050782.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN050782.D (-1904) (-)

Time-->

7.55 7.60 7.65 7.70 7.75





#43

Isopropyl Acetate

Concen: 23.01 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

SONO-S

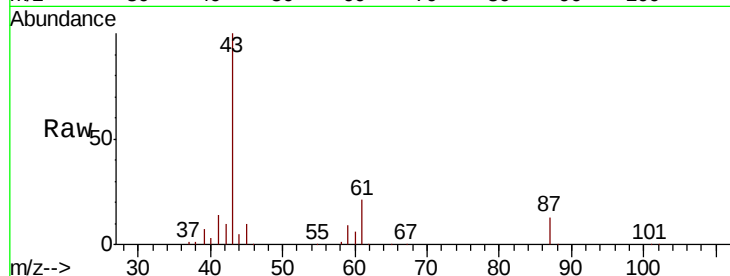
Tot Ion: 43 Resp: 272048

Ion Ratio Lower Upper

43 100

61 17.6 17.5 26.3

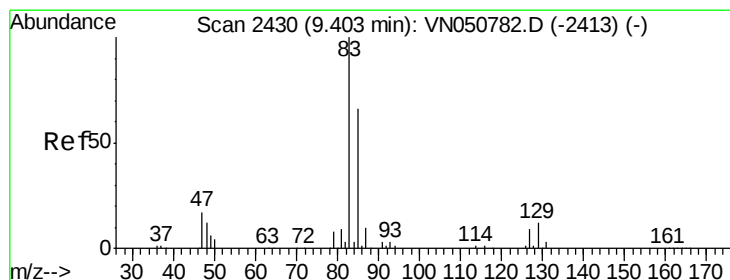
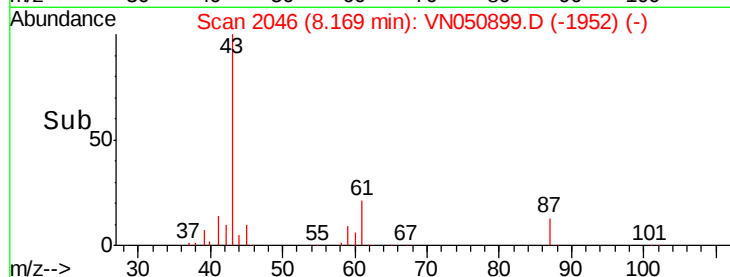
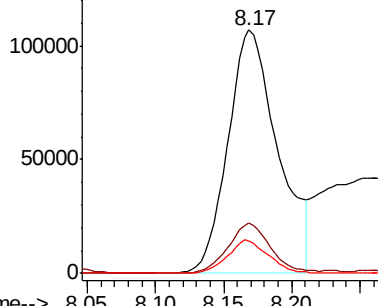
87 11.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.39 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

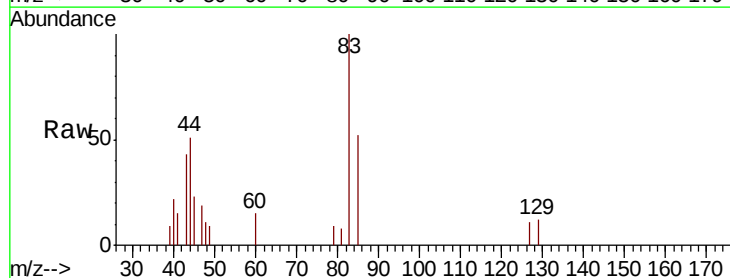
Tgt Ion: 83 Resp: 4551

Ion Ratio Lower Upper

83 100

85 52.4 52.6 78.8#

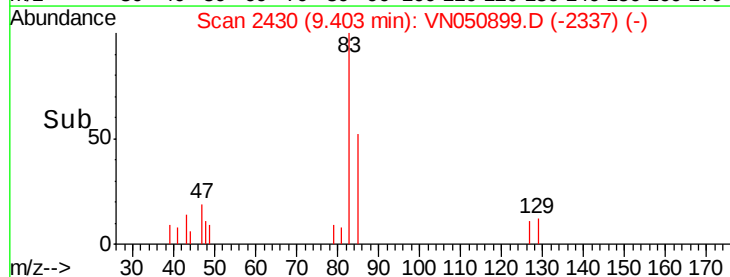
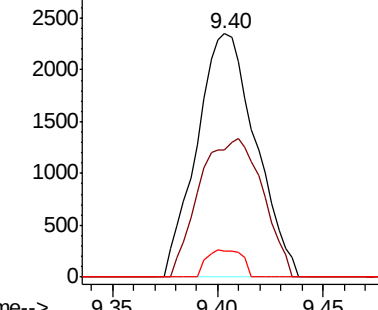
127 10.8 7.2 10.8#

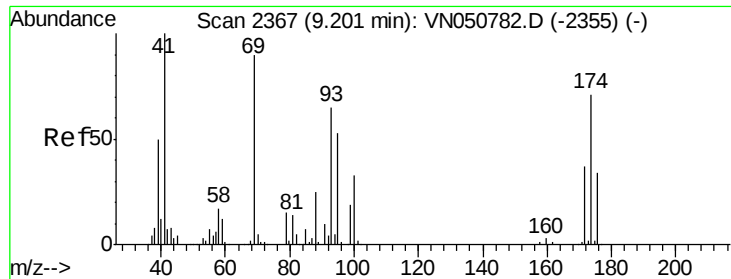


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

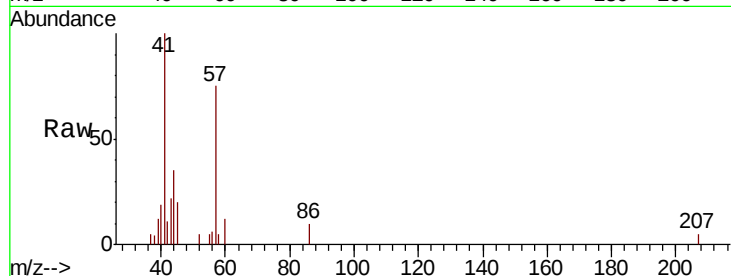




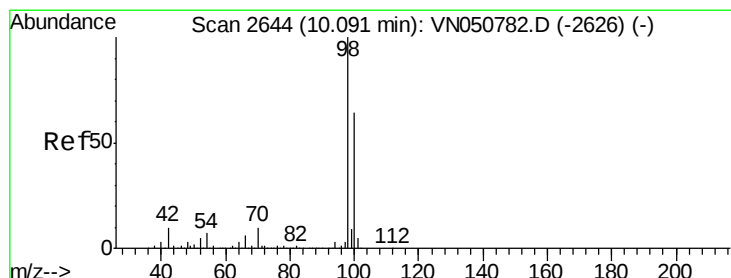
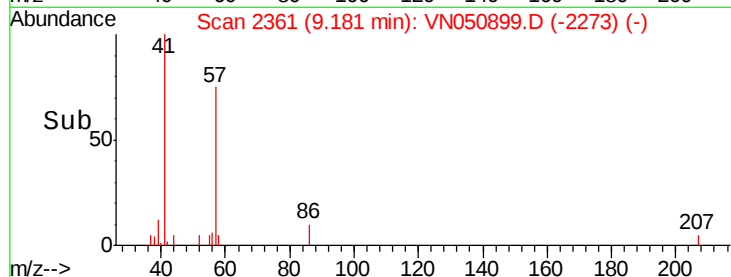
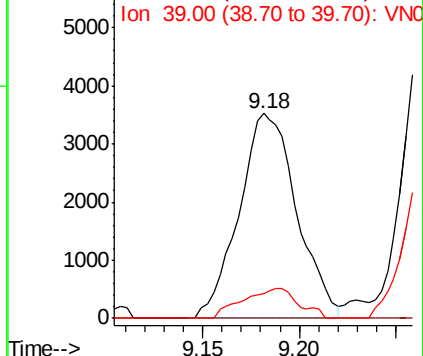
#48
Methyl methacrylate
Concen: 1.21 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Instrument :
MSVOA_N
ClientSampled :
SONO-S

Tot Ion: 41 Resp: 7319
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 14.0 42.2 63.2#

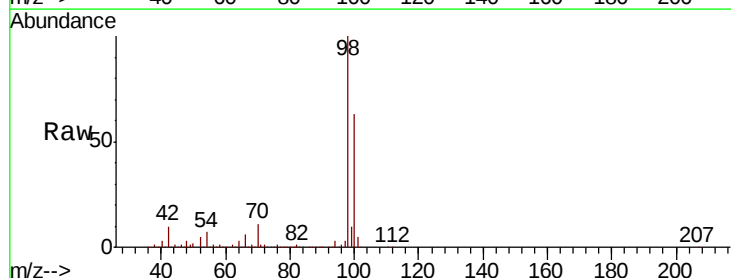


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

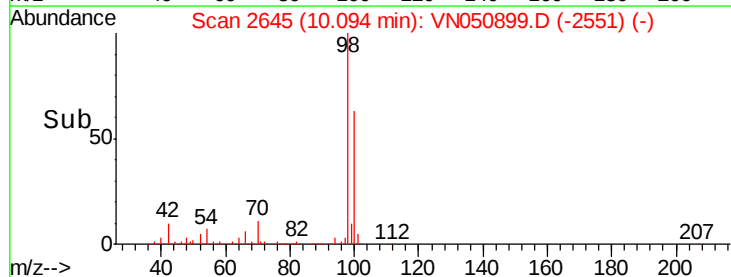
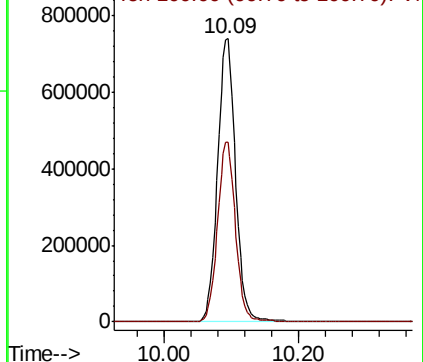


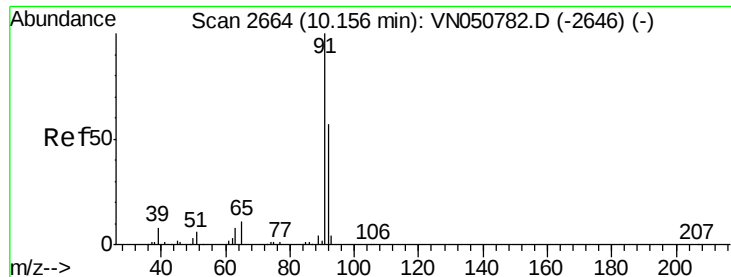
#50
Toluene-d8
Concen: 45.95 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Tgt Ion: 98 Resp: 1386616
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.30 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

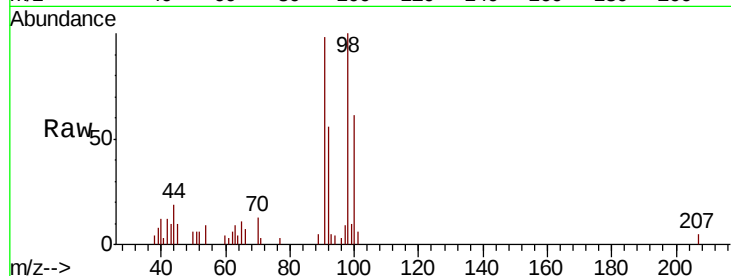
SONO-S

Tot Ion: 92 Resp: 6427

Ion Ratio Lower Upper

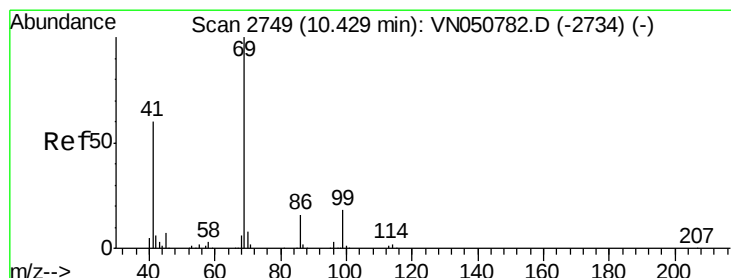
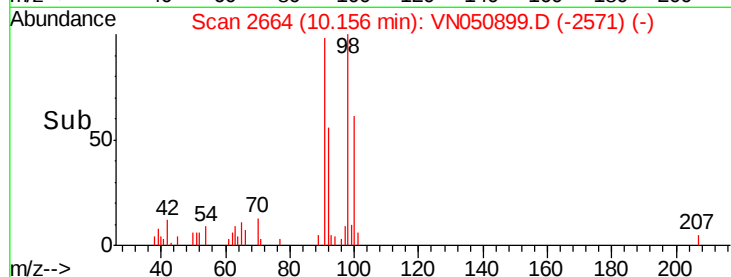
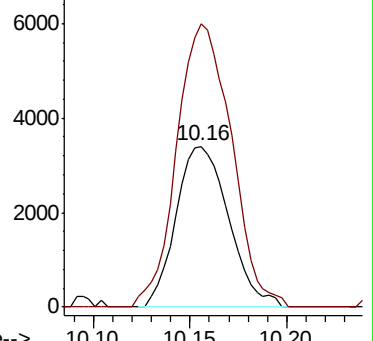
92 100

91 183.1 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#56

Ethyl methacrylate

Concen: 2.37 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.20 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

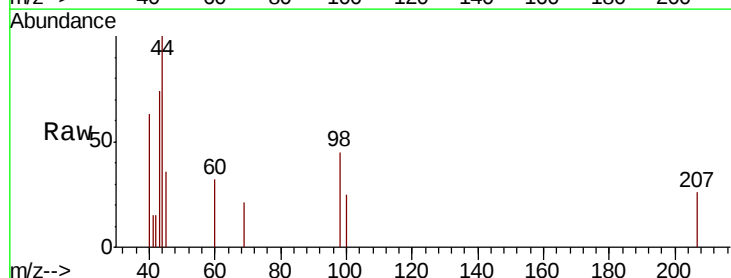
Tgt Ion: 69 Resp: 221

Ion Ratio Lower Upper

69 100

41 148.0 48.3 72.5#

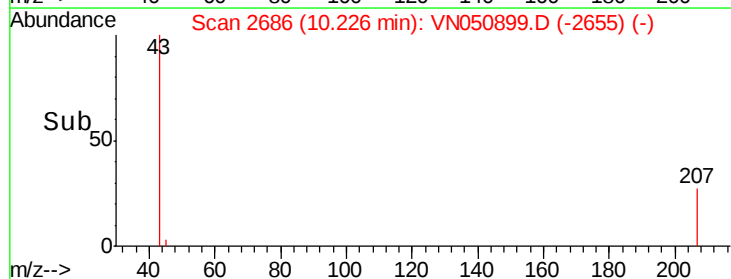
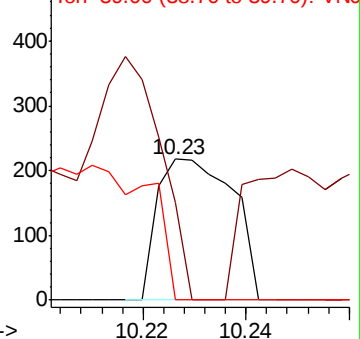
39 147.5 24.0 36.0#

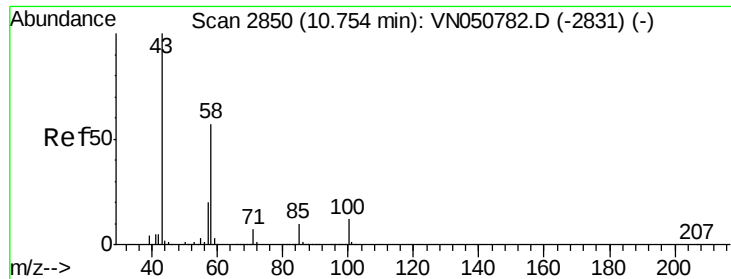


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

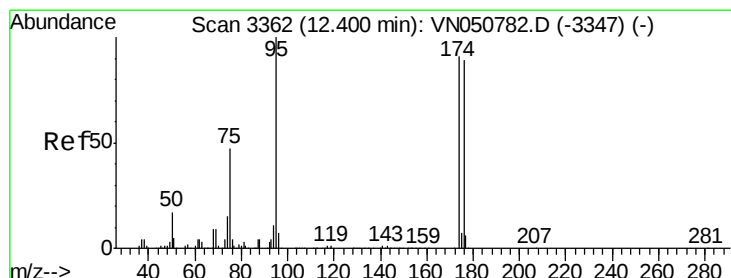
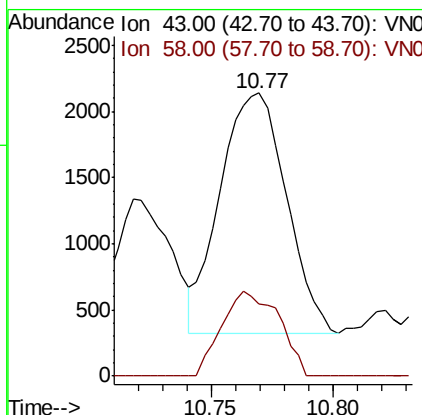
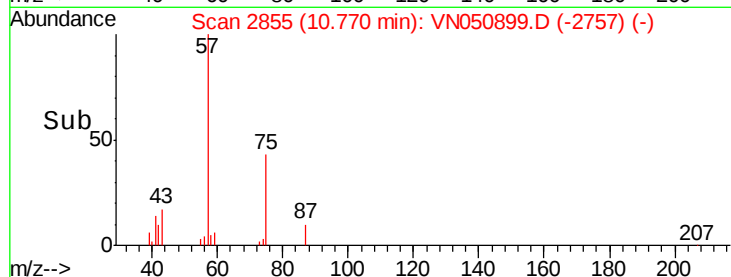
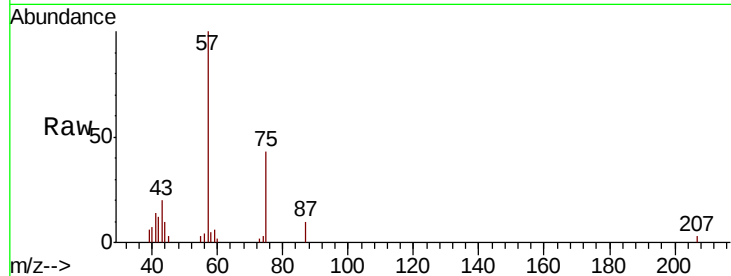




#59
2-Hexanone
Concen: 0.73 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

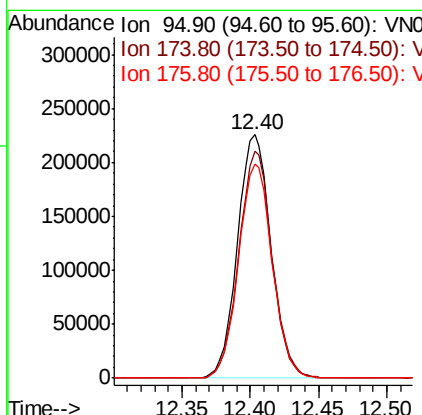
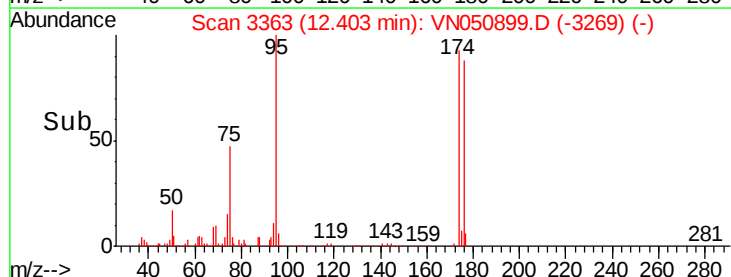
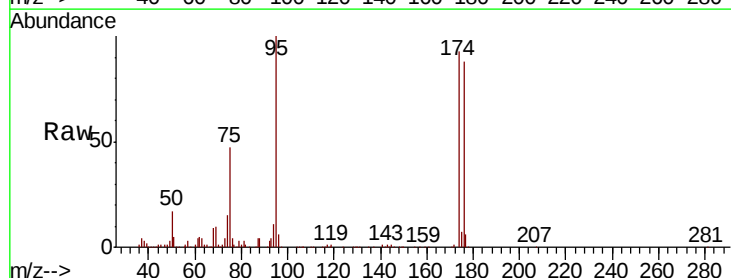
Instrument :
MSVOA_N
ClientSampled :
SONO-S

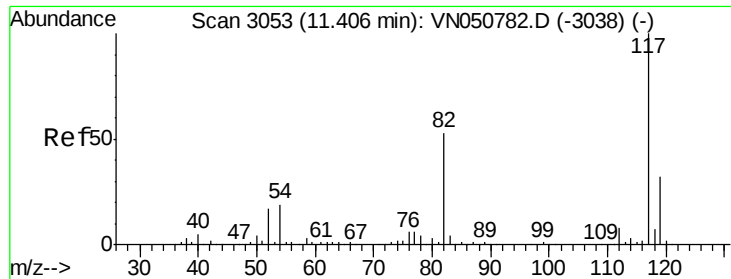
Tot Ion: 43 Resp: 3418
Ion Ratio Lower Upper
43 100
58 30.7 28.3 85.0



#62
4-Bromofluorobenzene
Concen: 38.35 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Tgt Ion: 95 Resp: 384577
Ion Ratio Lower Upper
95 100
174 92.8 0.0 183.0
176 88.4 0.0 178.8

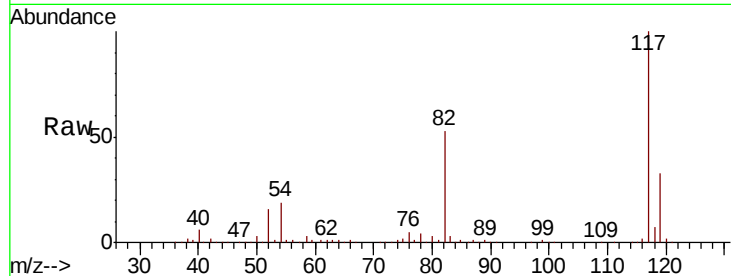




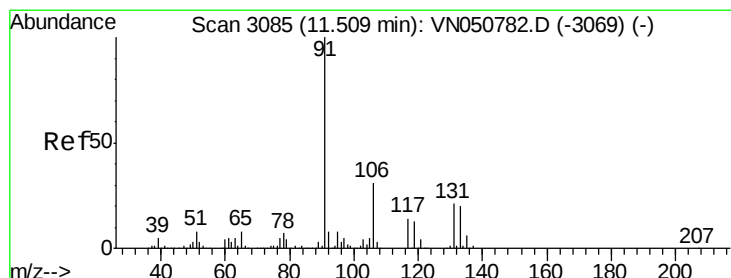
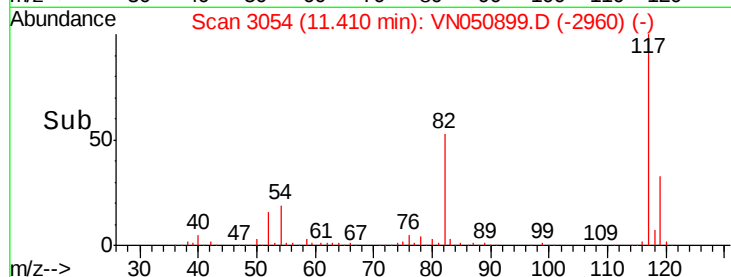
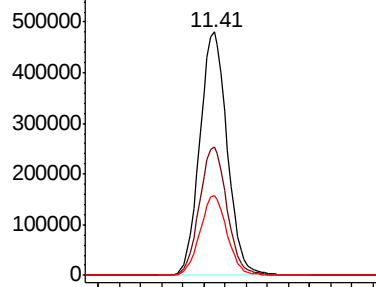
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Instrument :
MSVOA_N
ClientSampled :
SONO-S

Tot Ion:117 Resp: 861507
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 33.0 25.8 38.6

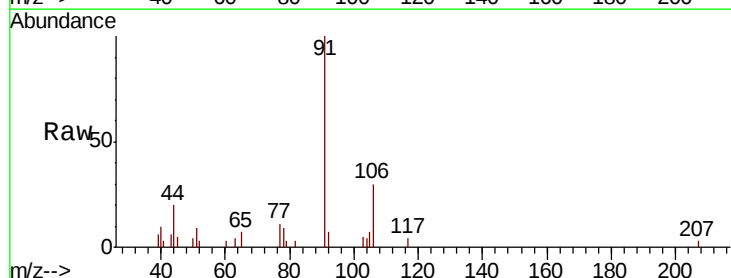


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

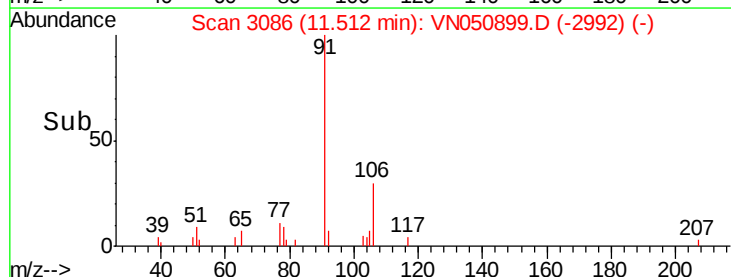
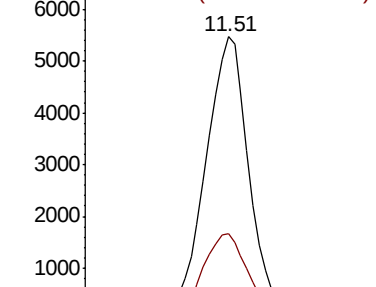


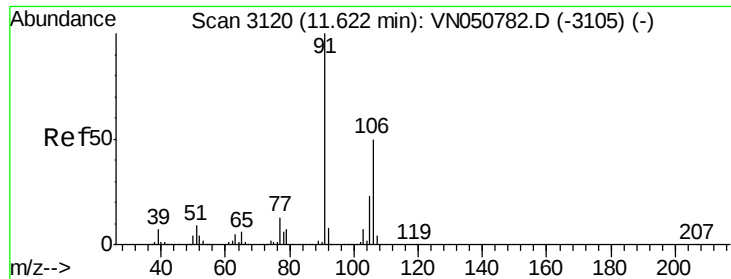
#67
Ethyl Benzene
Concen: 0.24 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Tgt Ion: 91 Resp: 8623
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

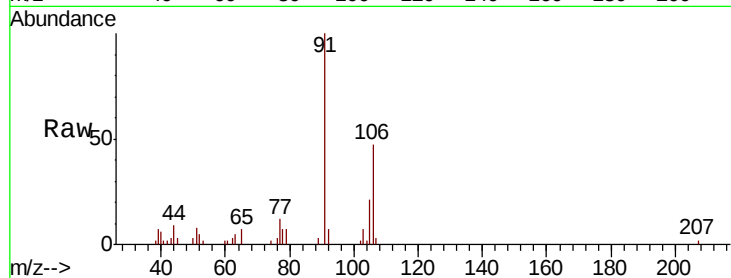




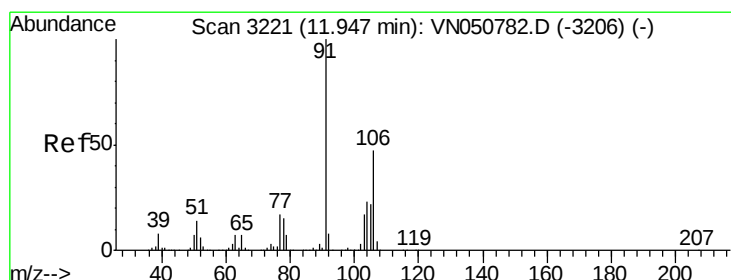
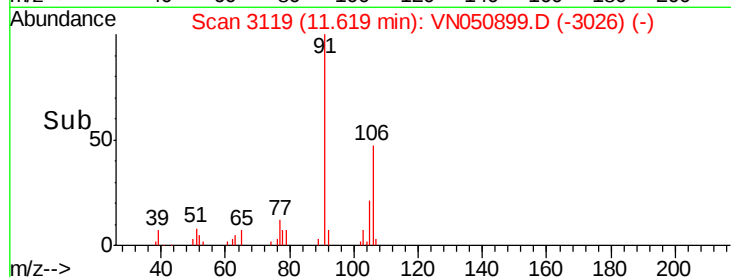
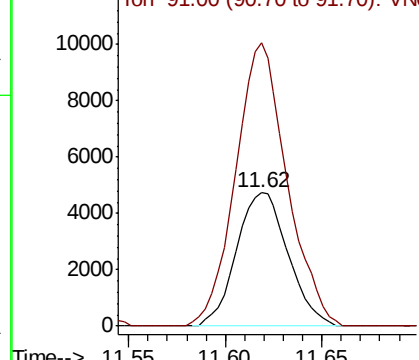
#68
m/p-Xylenes
Concen: 0.63 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Instrument :
MSVOA_N
ClientSampled :
SONO-S

Tot Ion:106 Resp: 8772
Ion Ratio Lower Upper
106 100
91 211.5 161.0 241.6

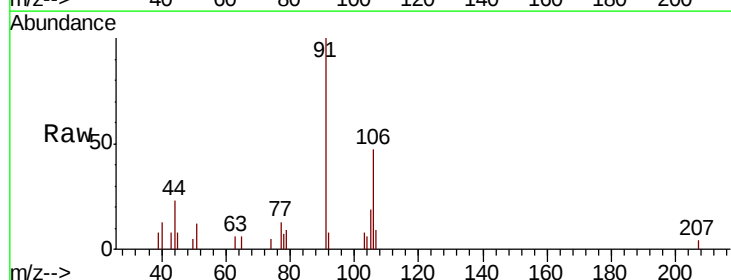


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

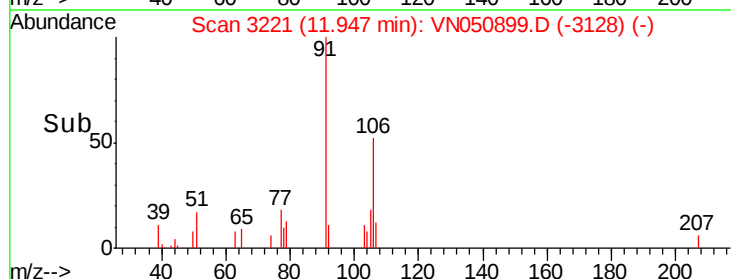
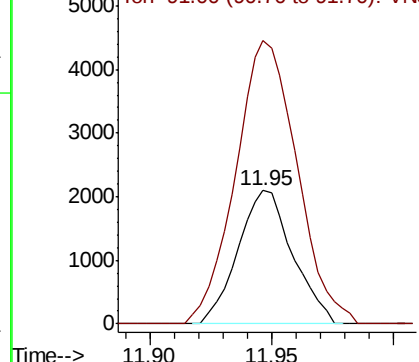


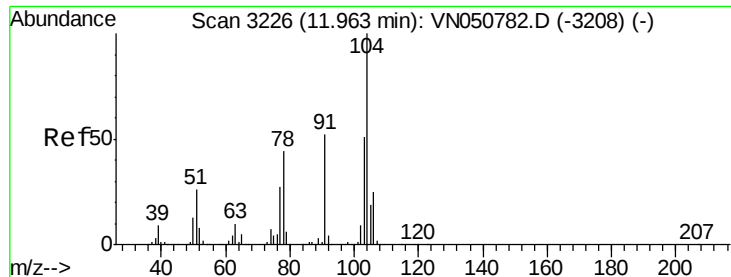
#69
o-Xylene
Concen: 0.24 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Tgt Ion:106 Resp: 3247
Ion Ratio Lower Upper
106 100
91 239.4 106.5 319.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 1.31 ug/l

RT: 11.96 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

SONO-S

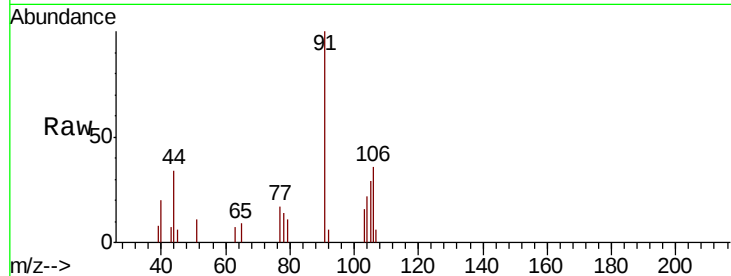
Tot Ion:104 Resp: 950

Ion Ratio Lower Upper

104 100

78 90.6 38.2 57.4#

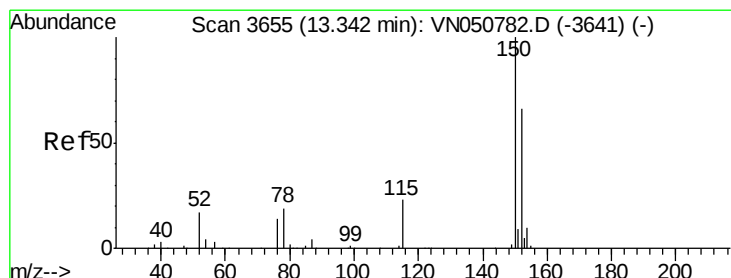
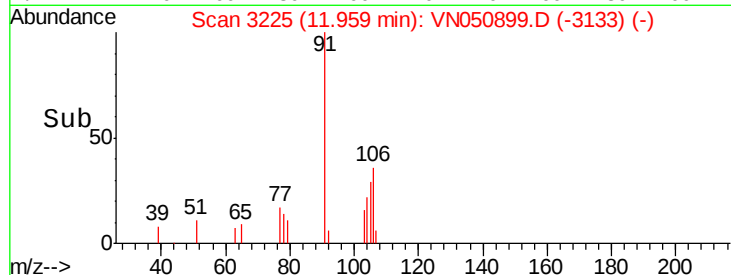
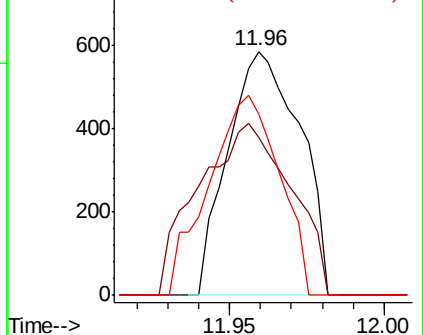
103 80.1 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): 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: VN050899.D

Acq: 27 Aug 2018 15:22

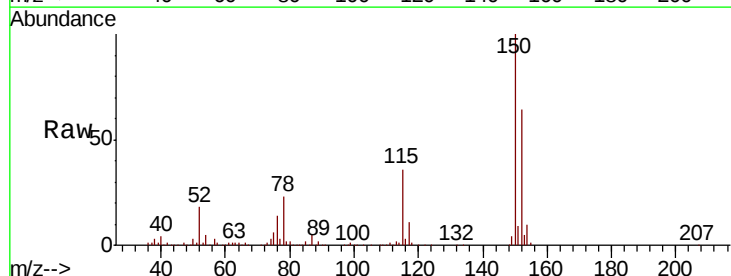
Tgt Ion:152 Resp: 310364

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

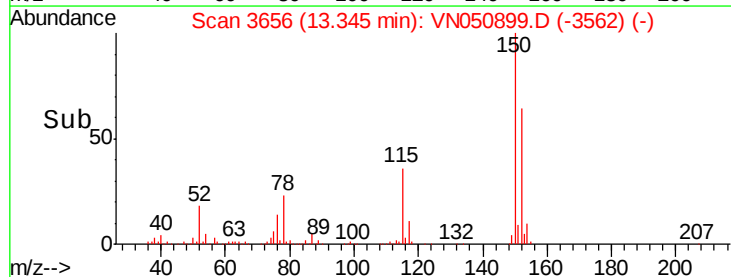
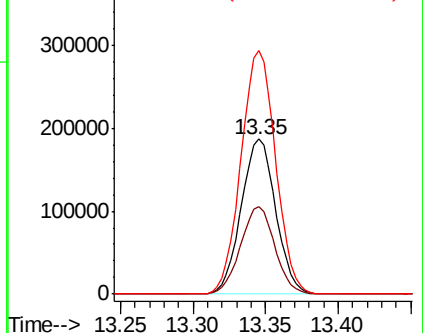
150 157.4 0.0 351.4

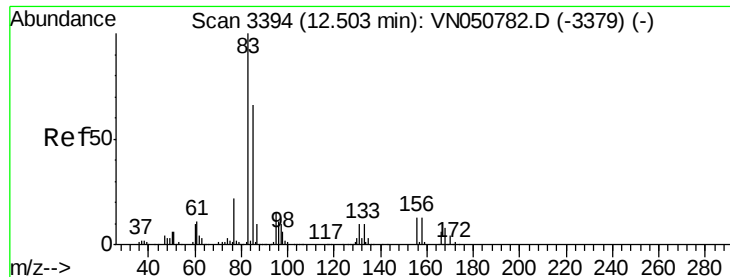


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3362

Delta R.T. -0.10 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

SONO-S

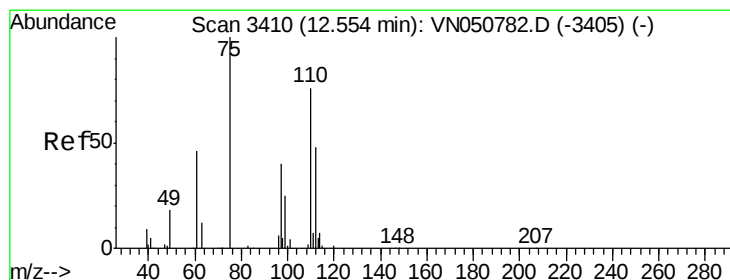
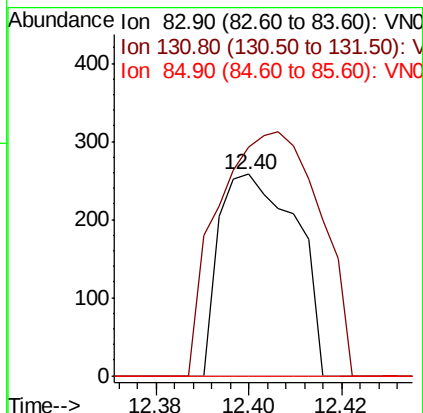
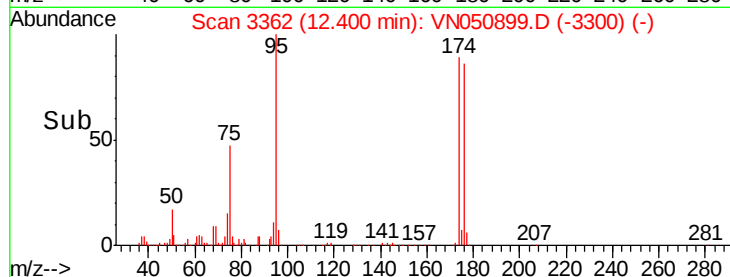
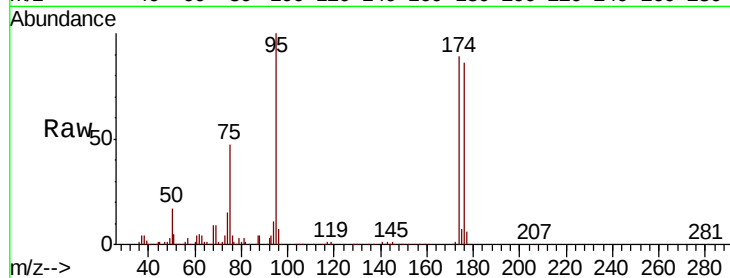
Tot Ion: 83 Resp: 297

Ion Ratio Lower Upper

83 100

131 160.3 5.3 15.9#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 33.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050899.D

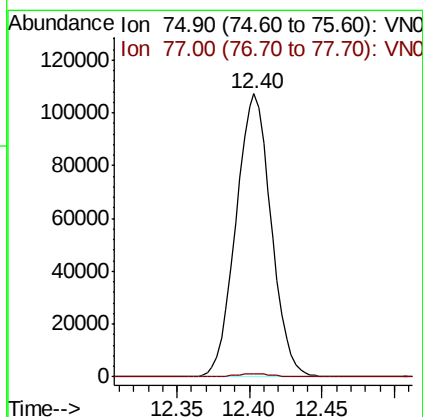
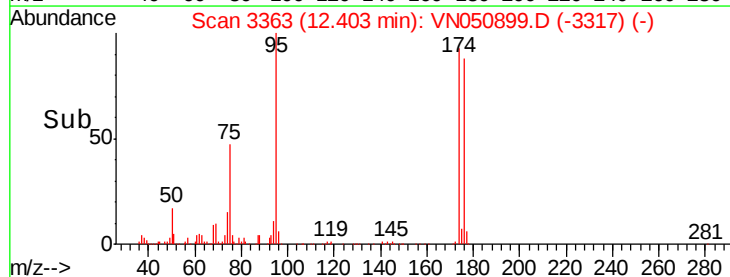
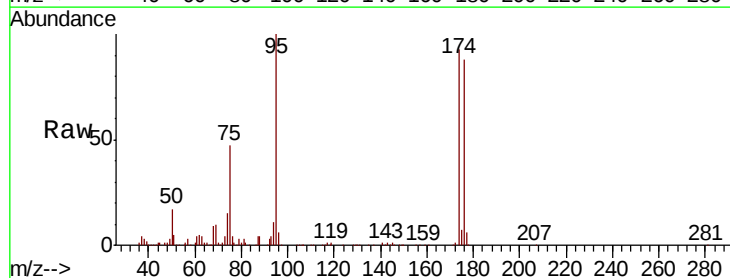
Acq: 27 Aug 2018 15:22

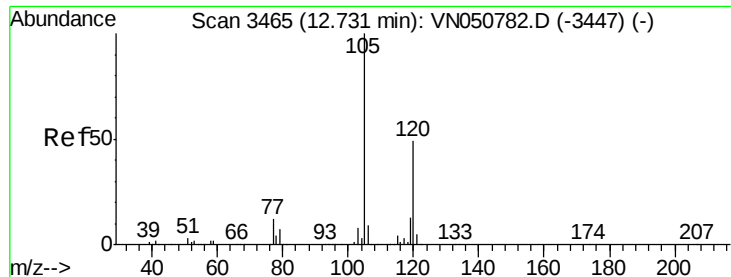
Tgt Ion: 75 Resp: 180727

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.24 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.01 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

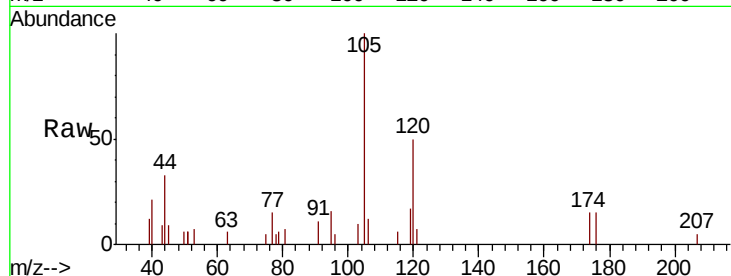
SONO-S

Tot Ion:105 Resp: 5000

Ion Ratio Lower Upper

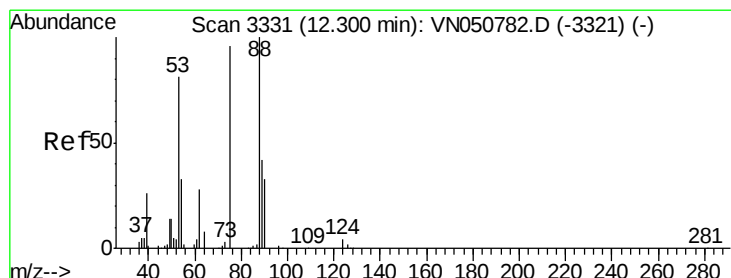
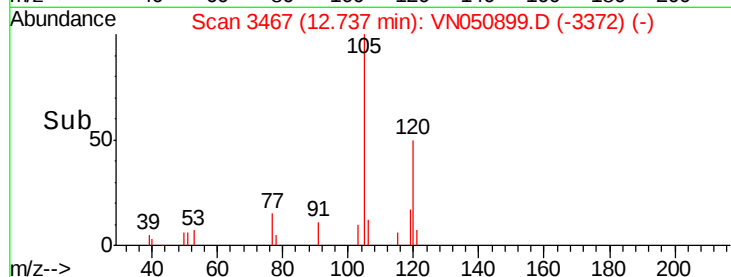
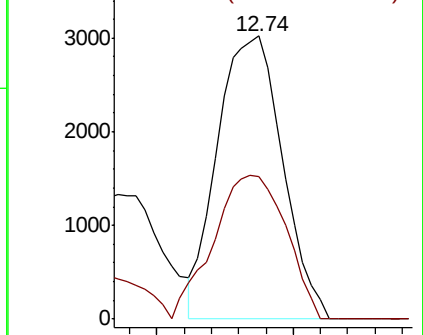
105 100

120 56.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 112.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050899.D

Acq: 27 Aug 2018 15:22

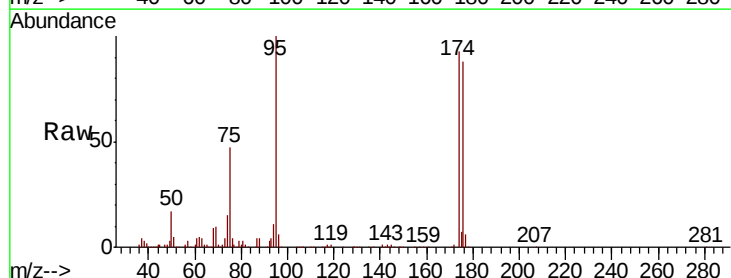
Tgt Ion: 75 Resp: 180727

Ion Ratio Lower Upper

75 100

53 0.3 68.9 103.3#

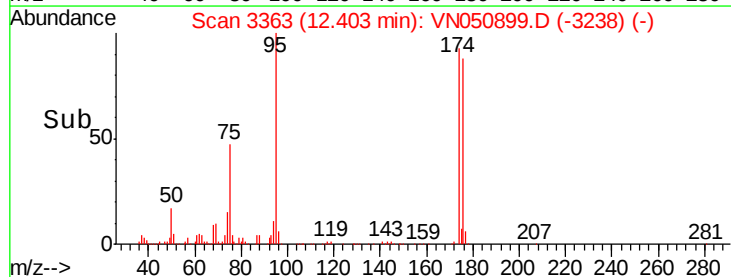
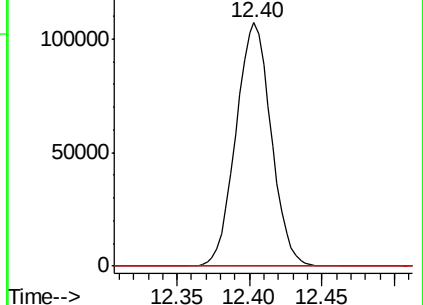
89 0.0 36.1 54.1#

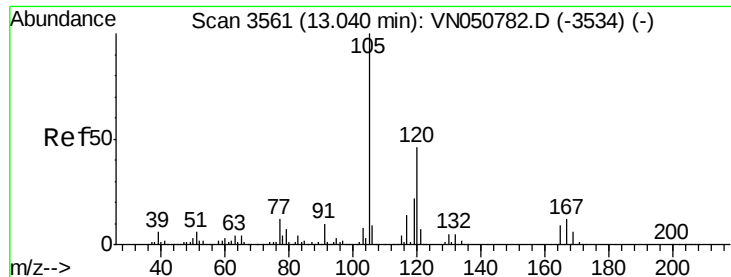


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

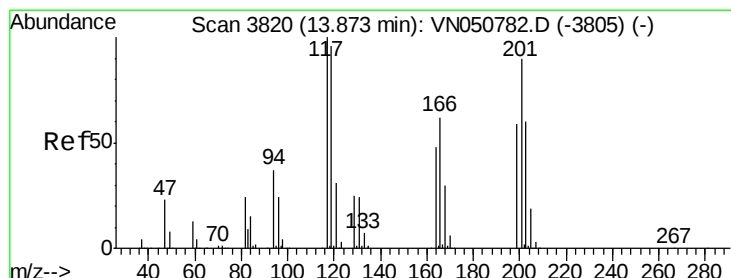
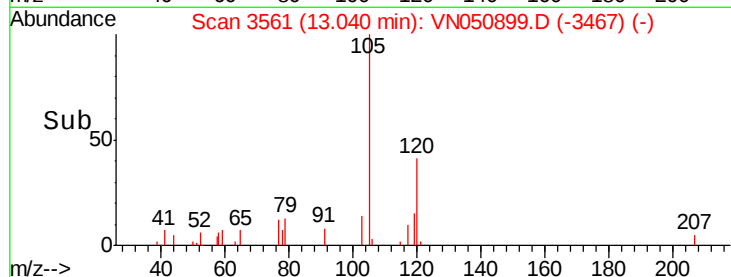
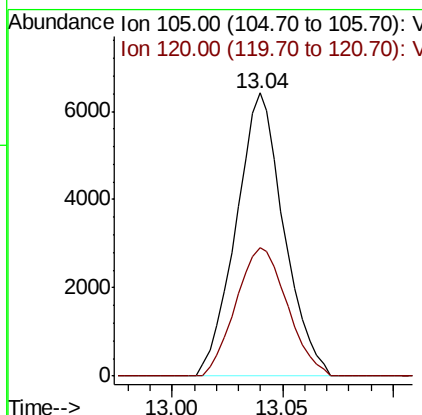
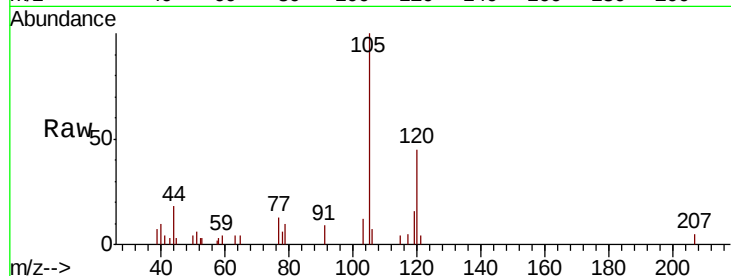




#84
 1,2,4-Trimethylbenzene
 Concen: 0.46 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050899.D
 Acq: 27 Aug 2018 15:22

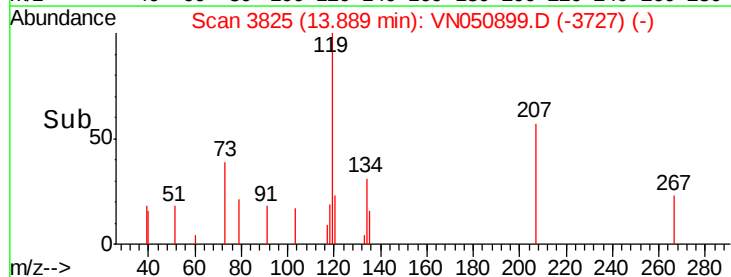
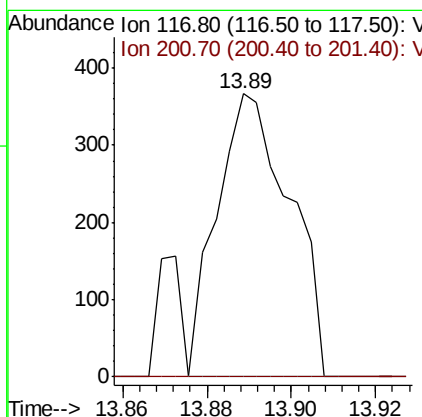
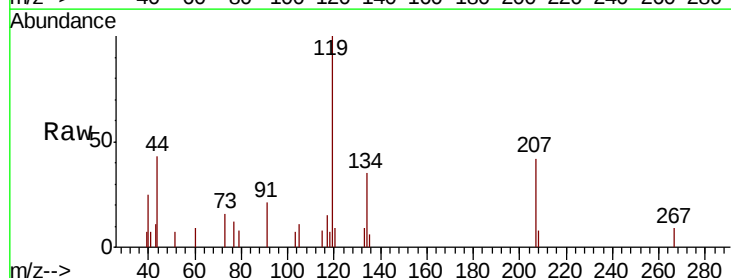
Instrument :
 MSVOA_N
 ClientSampleId :
 SONO-S

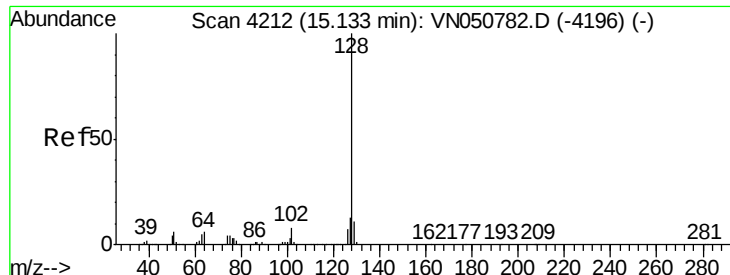
Tot Ion:105 Resp: 9675
 Ion Ratio Lower Upper
 105 100
 120 48.7 22.9 68.8



#90
 Hexachloroethane
 Concen: 0.30 ug/l
 RT: 13.89 min Scan# 3825
 Delta R.T. 0.02 min
 Lab File: VN050899.D
 Acq: 27 Aug 2018 15:22

Tgt Ion:117 Resp: 441
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.0 137.8#

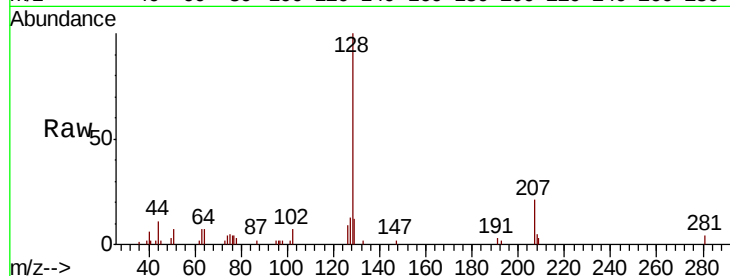




#95
Naphthalene
Concen: 6.78 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050899.D
Acq: 27 Aug 2018 15:22

Instrument :
MSVOA_N
ClientSampleId :
SONO-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	11.9	8.7	13.1



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

