

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050832.D
 Acq On : 22 Aug 2018 20:23
 Operator : MD\SY
 Sample : J4278-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-082118-B

Quant Time: Aug 23 01:09:51 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	683465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1127126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	951094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	370230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	438934	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	7.59	113	413519	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
50) Toluene-d8	10.09	98	1522262	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
62) 4-Bromofluorobenzene	12.40	95	434507	39.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.00%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2552	0.23	ug/l	95
5) Bromomethane	2.57	94	2423	Below	Cal	90
10) Methyl Iodide	3.95	142	316	6.38	ug/l #	43
11) Tert butyl alcohol	4.80	59	105	0.20	ug/l #	72
13) Acrolein	3.61	56	241	18.64	ug/l	84
16) Acetone	3.82	43	21632	4.16	ug/l	99
18) Methyl Acetate	4.34	43	17602	2.27	ug/l	98
20) Methylene Chloride	4.55	84	49826	5.37	ug/l	97
25) 2-Butanone	6.86	43	3474	1.05	ug/l #	63
28) Bromochloromethane	7.37	49	1606	0.25	ug/l #	10
29) Tetrahydrofuran	7.22	42	2241	1.18	ug/l #	75
30) Chloroform	7.38	83	23098	1.52	ug/l	97
31) Cyclohexane	7.67	56	12165	1.33	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45800	3.44	ug/l #	49
38) Carbon Tetrachloride	7.67	117	62177	4.62	ug/l #	17
41) Methacrylonitrile	7.23	41	1126	0.27	ug/l #	25
43) Isopropyl Acetate	8.17	43	366778	27.92	ug/l #	90
47) Bromodichloromethane	9.40	83	4845	0.37	ug/l	92
48) Methyl methacrylate	9.18	41	10296	1.54	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2552	0.33	ug/l	93
56) Ethyl methacrylate	10.23	69	2470	2.55	ug/l #	64
59) 2-Hexanone	10.77	43	20239	3.88	ug/l #	55
70) Styrene	11.97	104	376	1.28	ug/l #	51
74) N-ethyl acetate	12.04	43	2111	0.27	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.45	83	91	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	205774	31.73	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6557	0.27	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	205774	107.28	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	15143	0.61	ug/l	96
90) Hexachloroethane	13.89	117	2000	0.62	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	234	4.11	ug/l #	1
95) Naphthalene	15.14	128	684880	46.70	ug/l	100

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QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

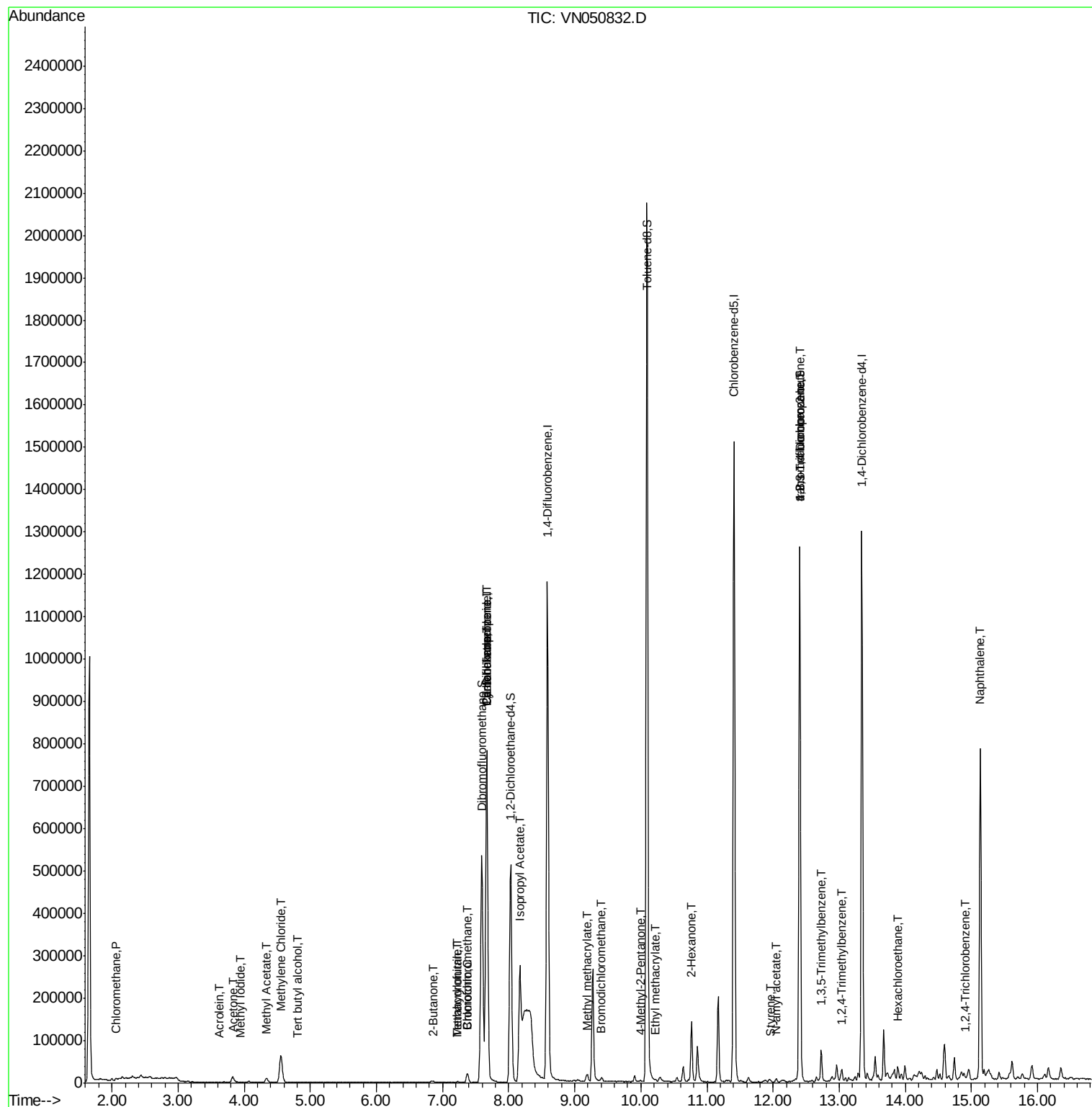
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

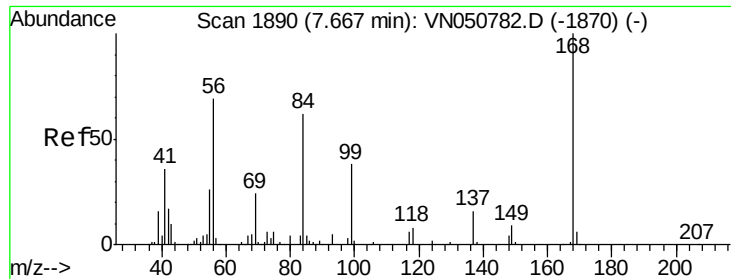
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

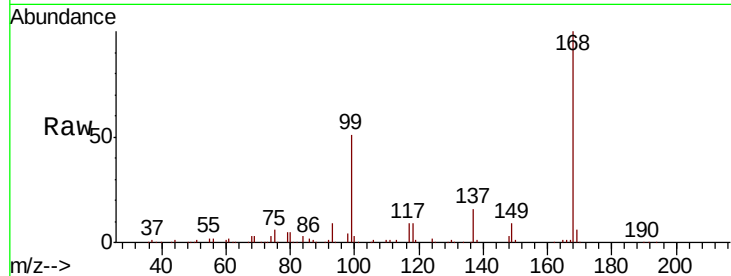
EO-01-082118-B

Tot Ion:168 Resp: 683465

Ion Ratio Lower Upper

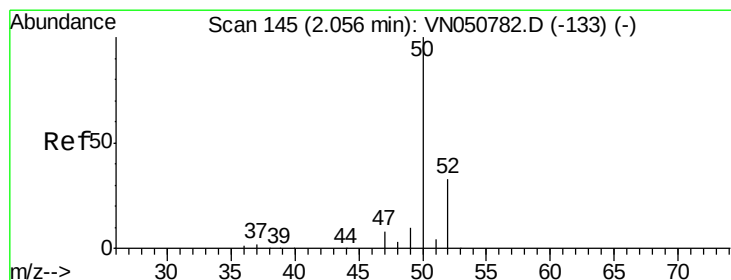
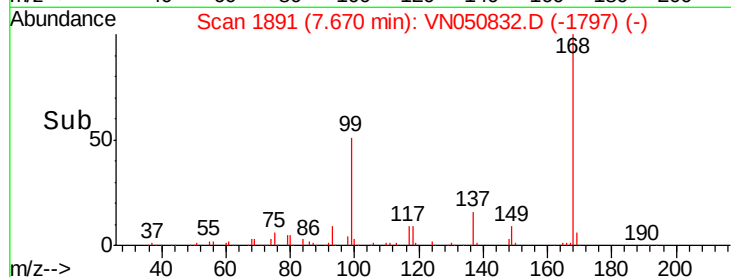
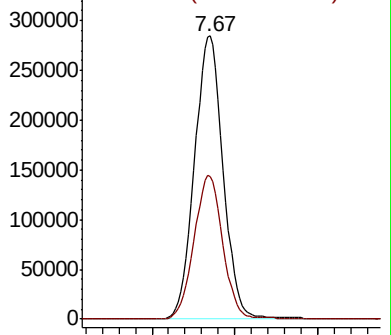
168 100

99 50.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050832.D

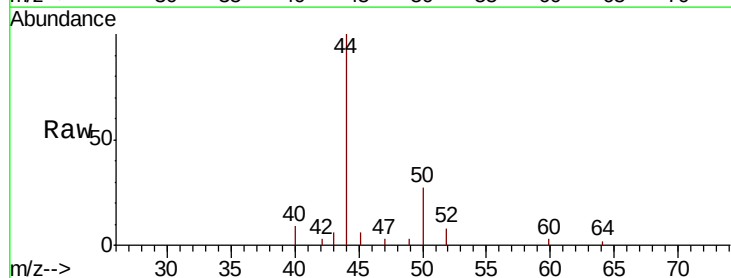
Acq: 22 Aug 2018 20:23

Tgt Ion: 50 Resp: 2552

Ion Ratio Lower Upper

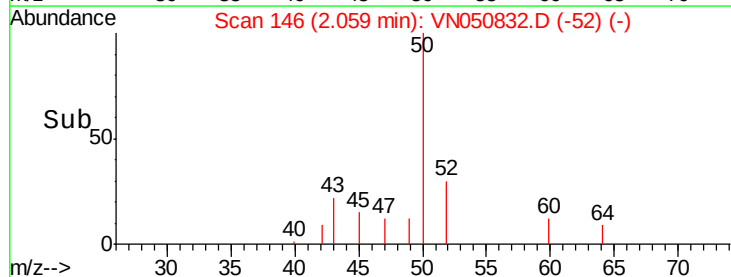
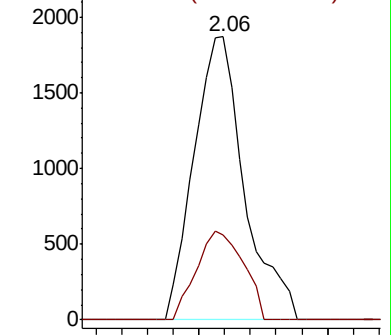
50 100

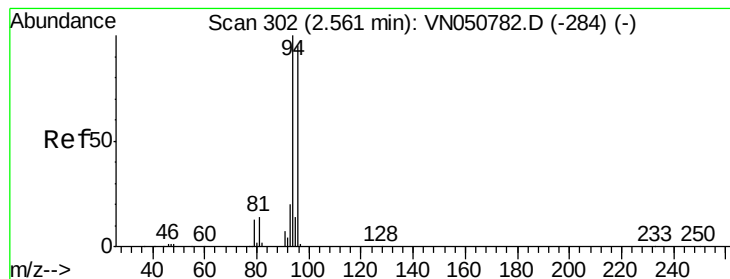
52 30.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

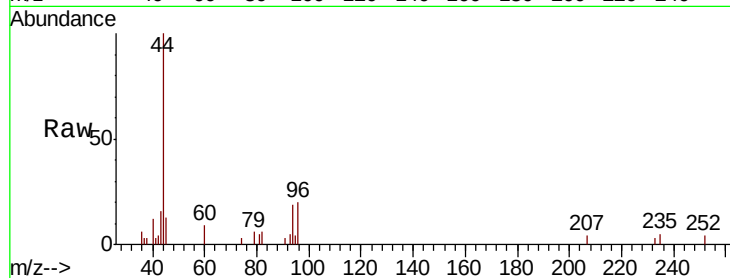
EO-01-082118-B

Tot Ion: 94 Resp: 2423

Ion Ratio Lower Upper

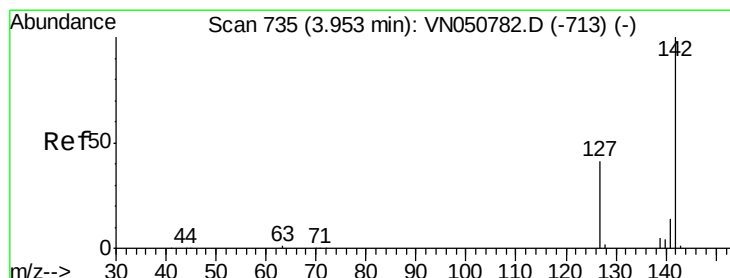
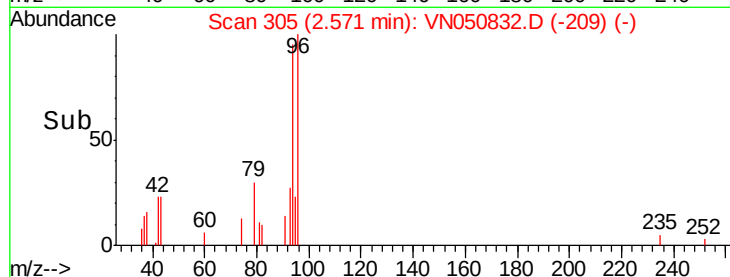
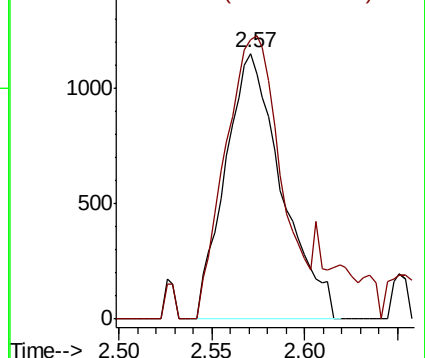
94 100

96 105.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 6.38 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.01 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

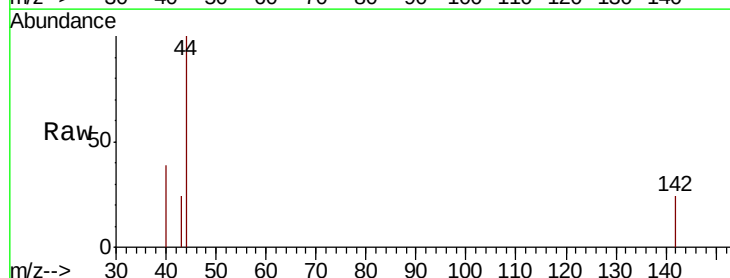
Tgt Ion:142 Resp: 316

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

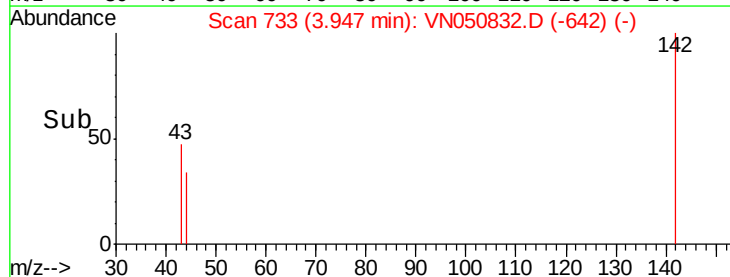
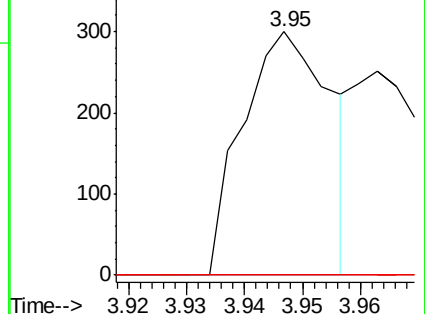
141 0.0 11.4 17.0#

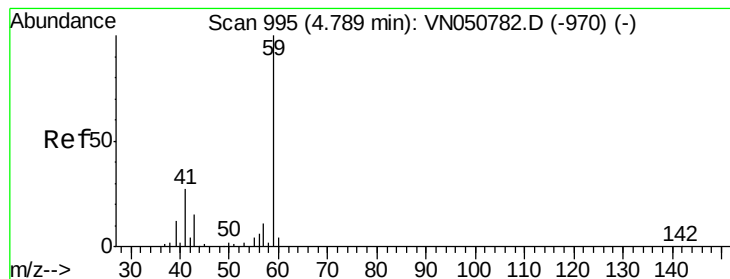


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.20 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.01 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

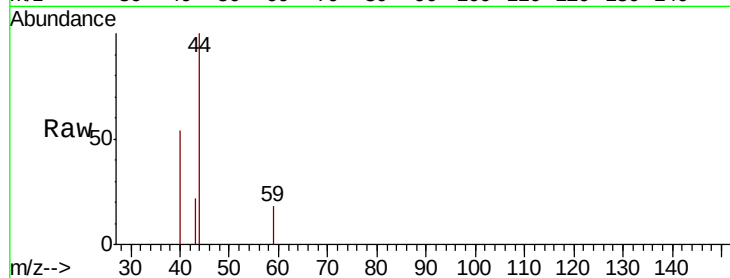
EO-01-082118-B

Tot Ion: 59 Resp: 105

Ion Ratio Lower Upper

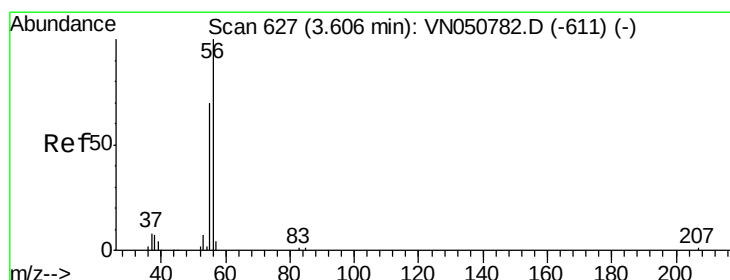
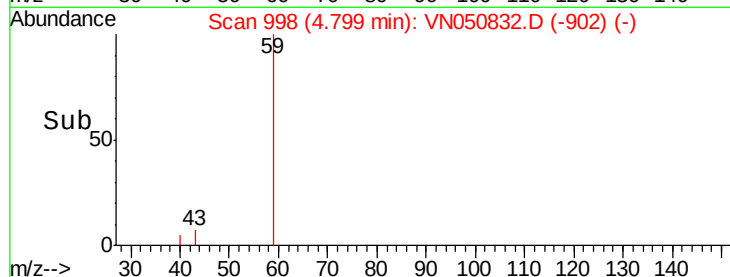
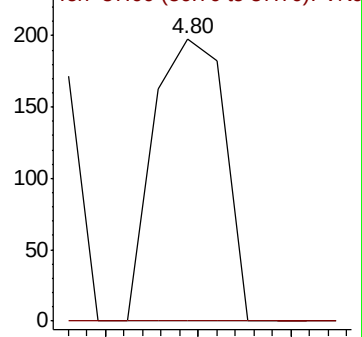
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 18.64 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050832.D

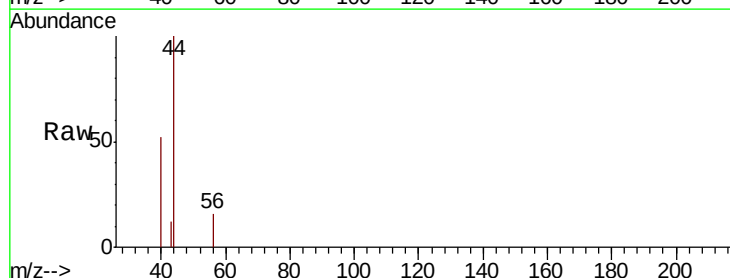
Acq: 22 Aug 2018 20:23

Tgt Ion: 56 Resp: 241

Ion Ratio Lower Upper

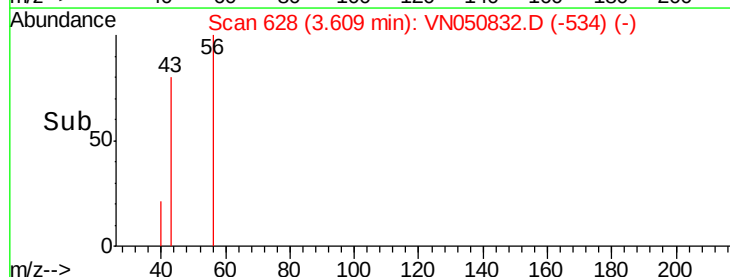
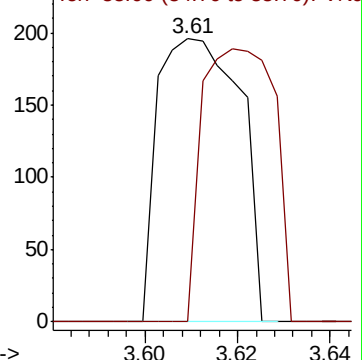
56 100

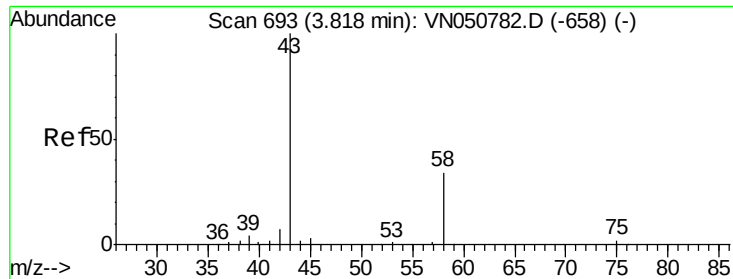
55 85.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 4.16 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

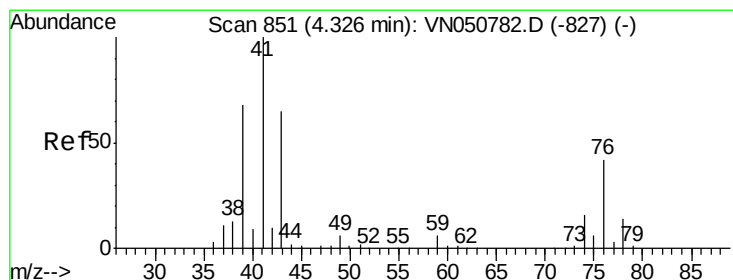
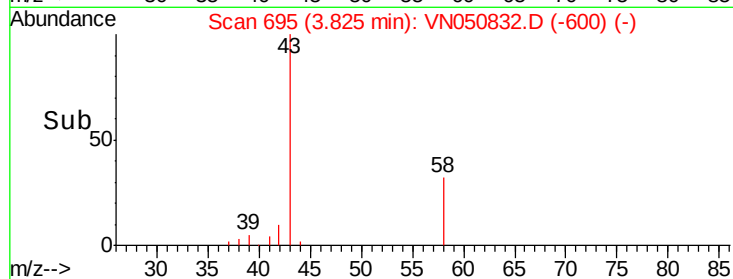
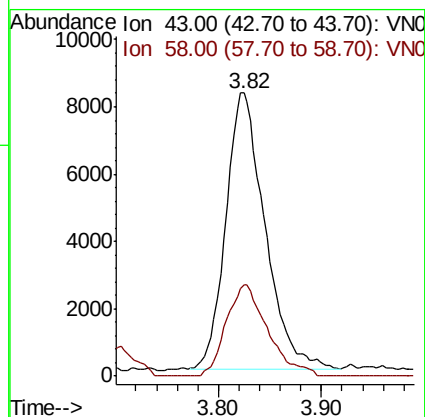
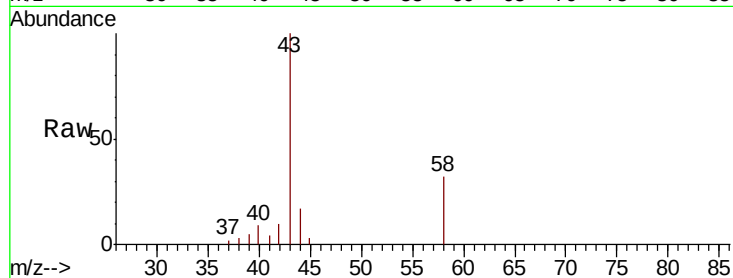
EO-01-082118-B

Tot Ion: 43 Resp: 21632

Ion Ratio Lower Upper

43 100

58 33.3 27.2 40.8



#18

Methyl Acetate

Concen: 2.27 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050832.D

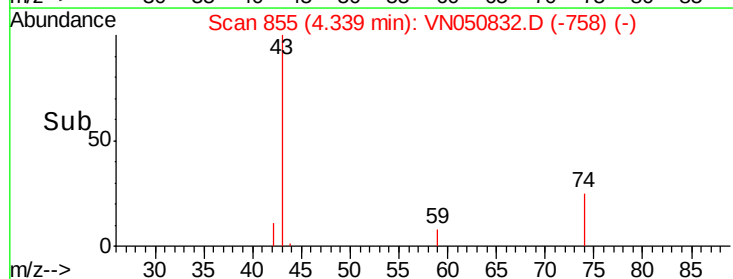
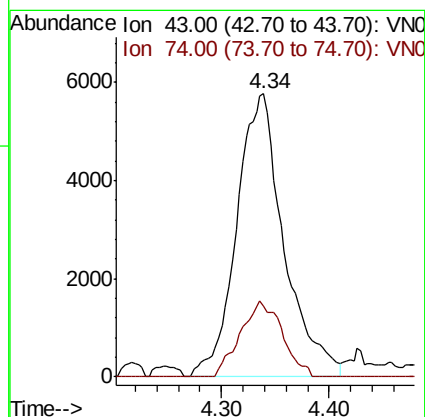
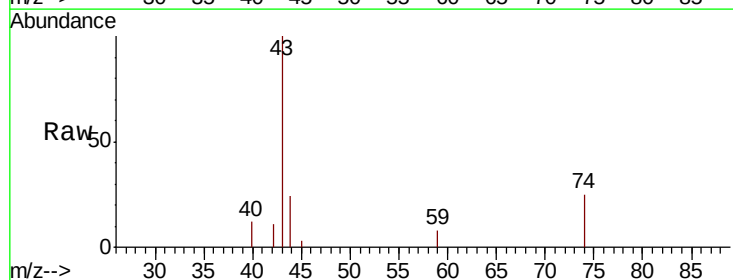
Acq: 22 Aug 2018 20:23

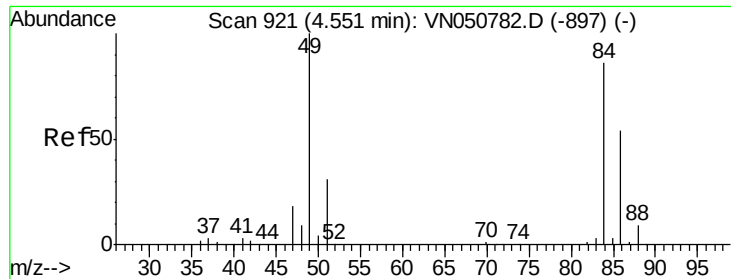
Tgt Ion: 43 Resp: 17602

Ion Ratio Lower Upper

43 100

74 23.8 19.8 29.8

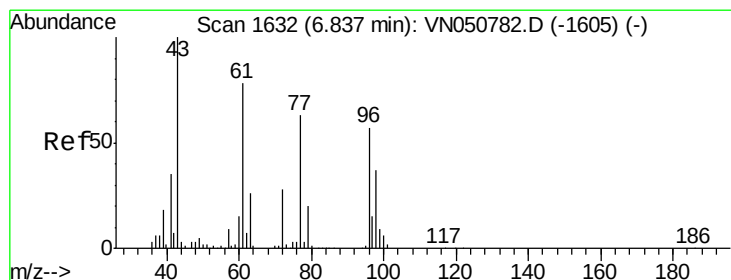
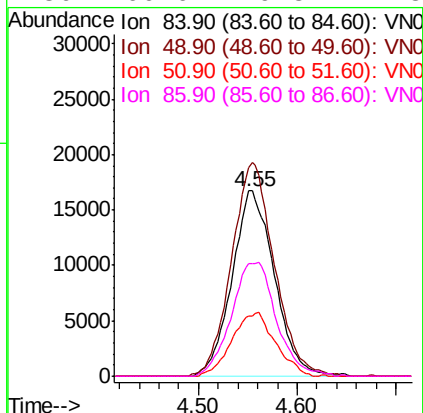
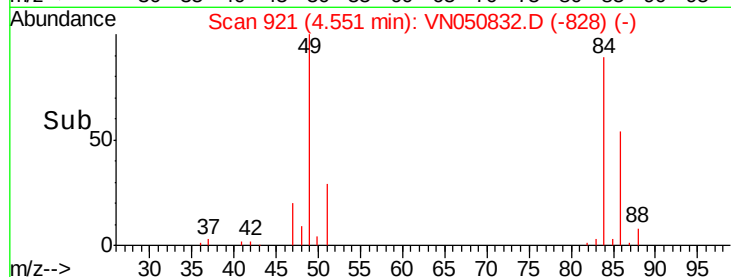
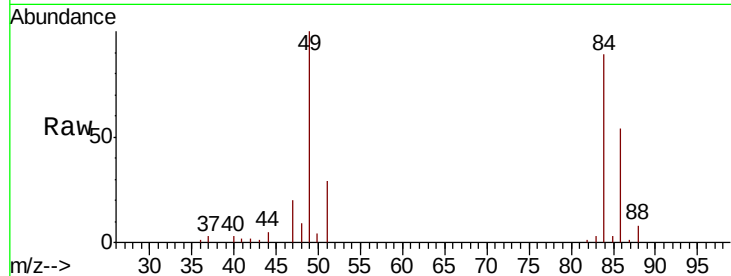




#20
Methvlene Chloride
Concen: 5.37 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

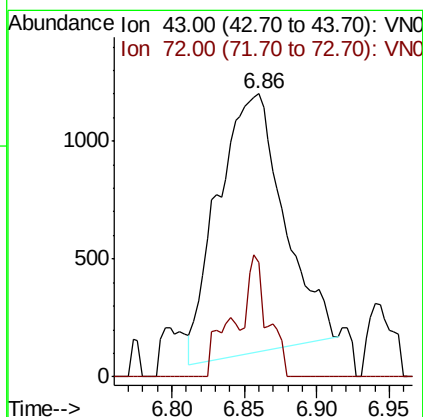
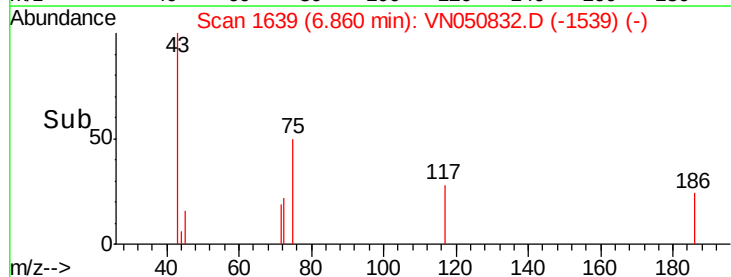
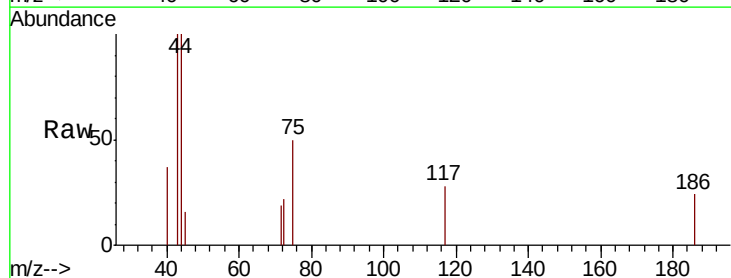
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EO-01-082118-B

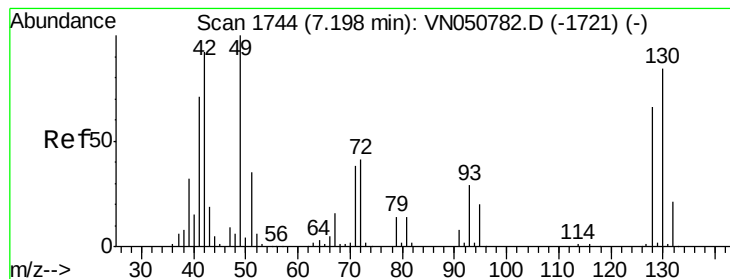
Tot Ion: 84 Resp: 49826
Ion Ratio Lower Upper
84 100
49 112.9 93.2 139.8
51 32.7 29.0 43.6
86 60.6 49.8 74.8



#25
2-Butanone
Concen: 1.05 ug/l
RT: 6.86 min Scan# 1639
Delta R.T. 0.02 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 43 Resp: 3474
Ion Ratio Lower Upper
43 100
72 47.4 22.3 33.5#





#28

Bromochloromethane

Concen: 0.25 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. 0.17 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

EO-01-082118-B

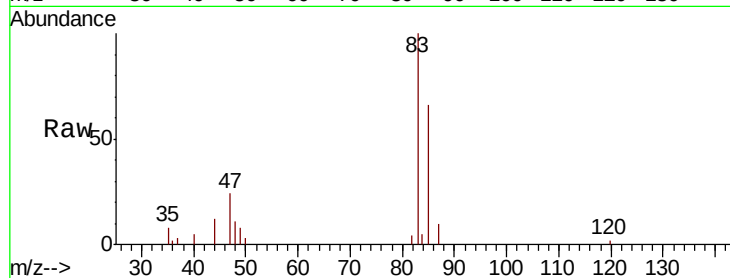
Tot Ion: 49 Resp: 1606

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

7.37

600

400

200

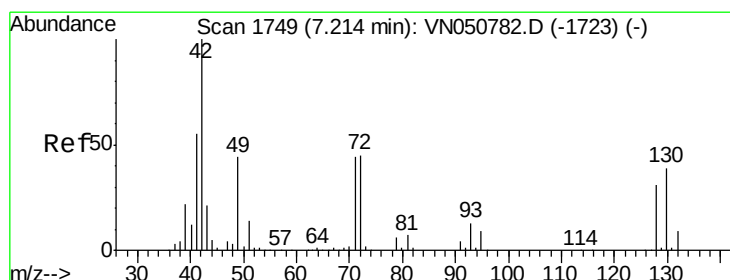
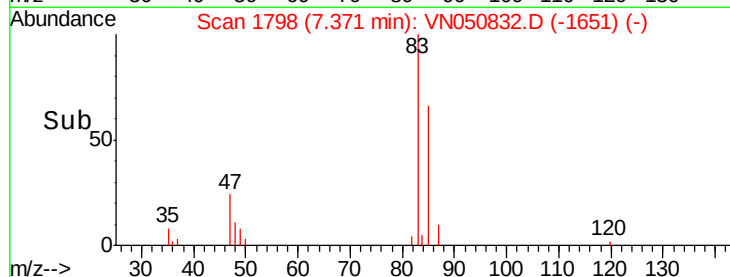
0

7.30

7.35

7.40

Time-->



#29

Tetrahydrofuran

Concen: 1.18 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

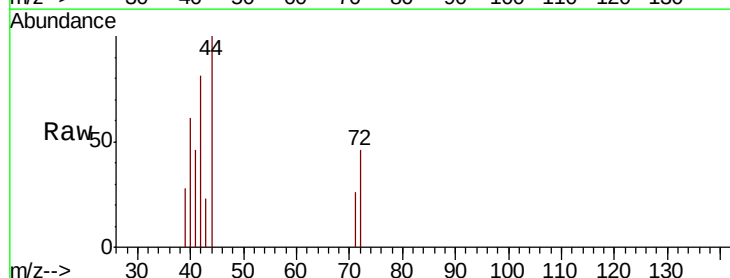
Tgt Ion: 42 Resp: 2241

Ion Ratio Lower Upper

42 100

72 29.9 35.5 53.3#

71 24.9 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

1000

800

600

400

200

0

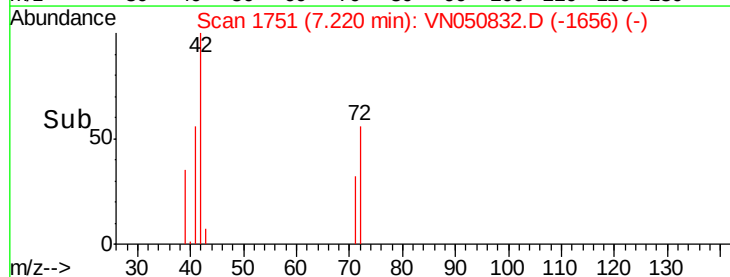
7.15

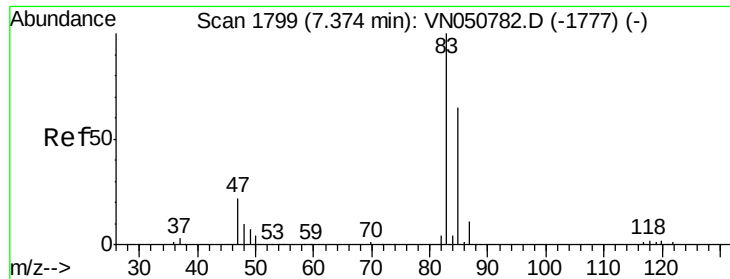
7.20

7.25

7.30

Time-->

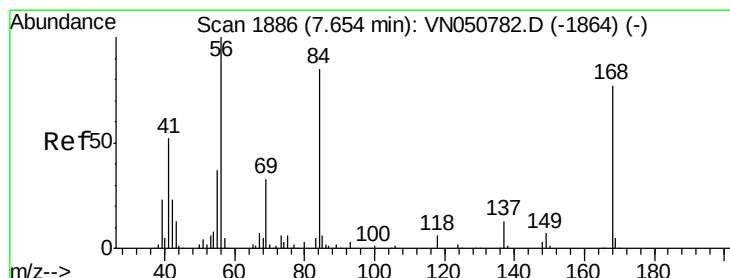
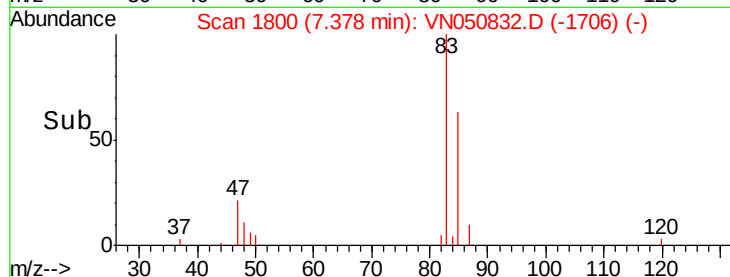
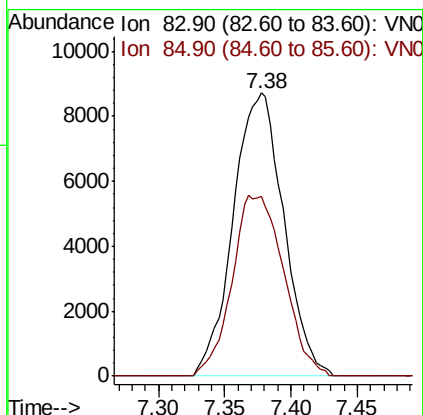
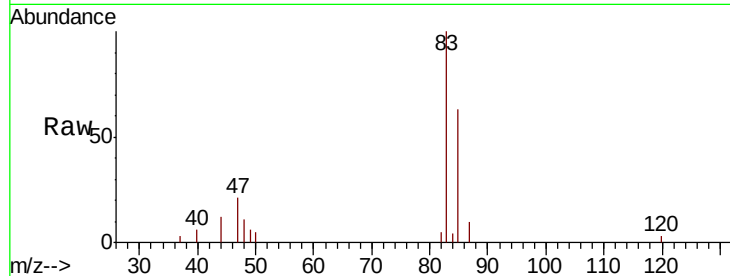




#30
Chloroform
Concen: 1.52 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

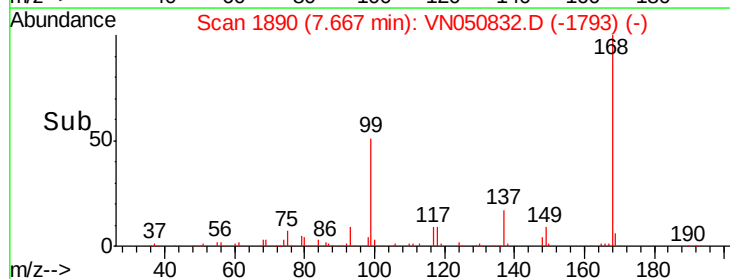
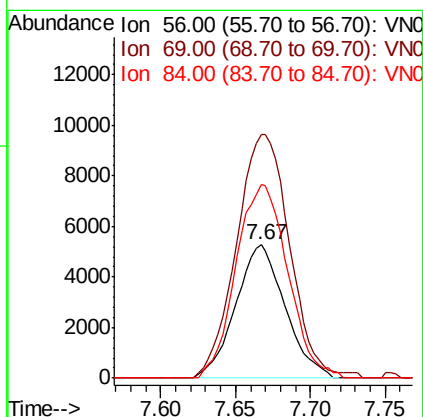
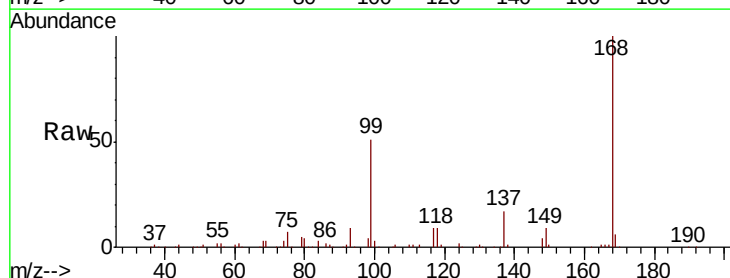
Instrument :
MSVOA_N
ClientSampleId :
EO-01-082118-B

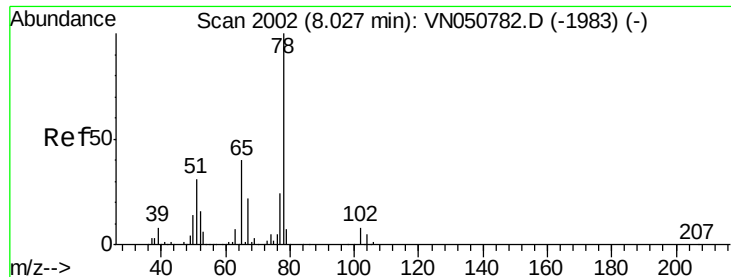
Tot Ion: 83 Resp: 23098
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.4



#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 56 Resp: 12165
Ion Ratio Lower Upper
56 100
69 182.5 26.2 39.4#
84 145.0 68.3 102.5#

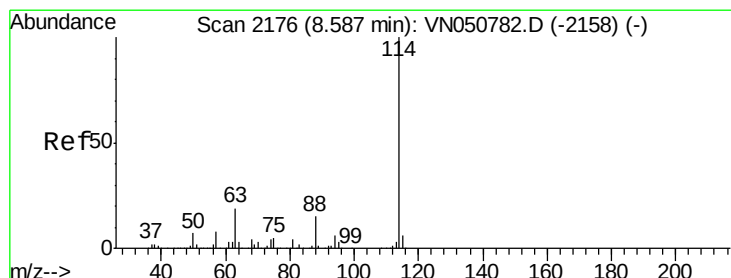
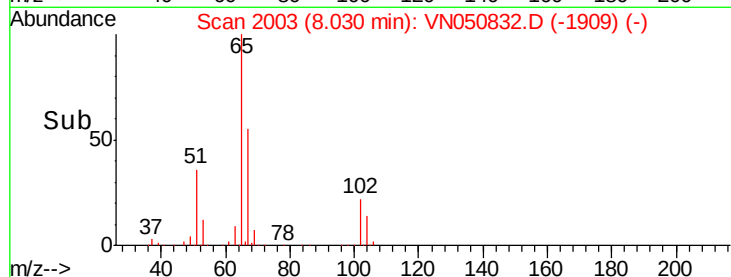
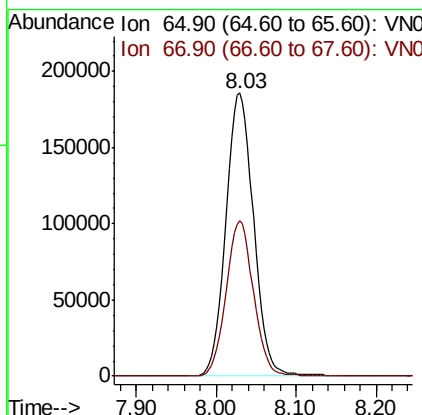
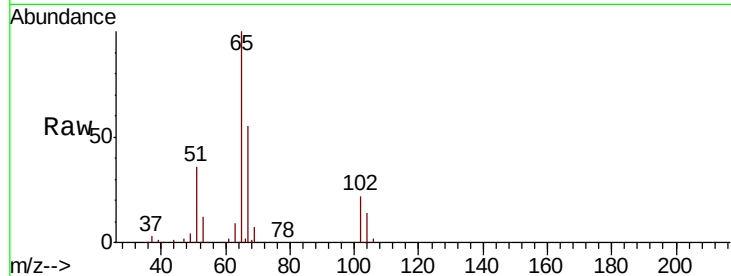




#33
 1,2-Dichloroethane-d4
 Concen: 53.35 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

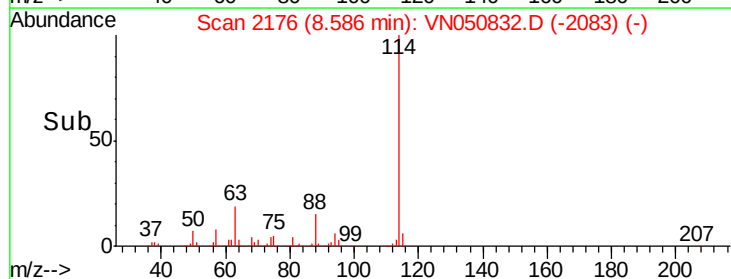
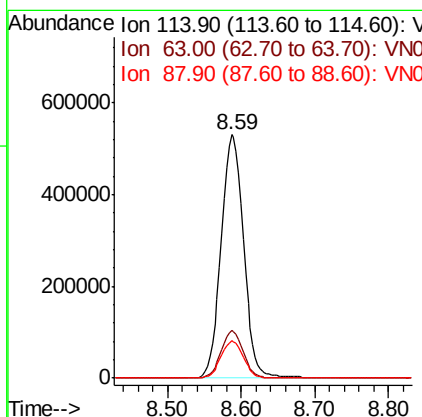
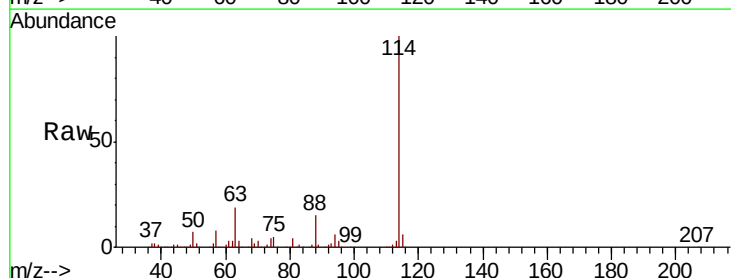
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-082118-B

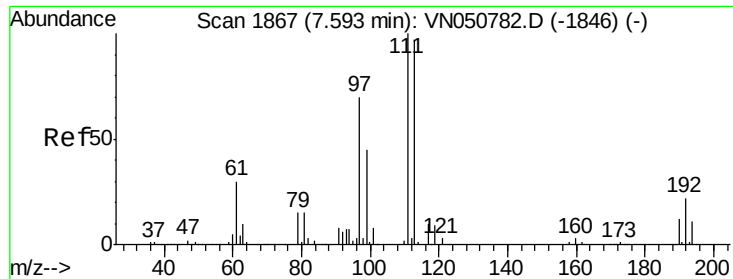
Tot Ion: 65 Resp: 438934
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

Tgt Ion: 114 Resp: 1127126
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.2 0.0 30.6

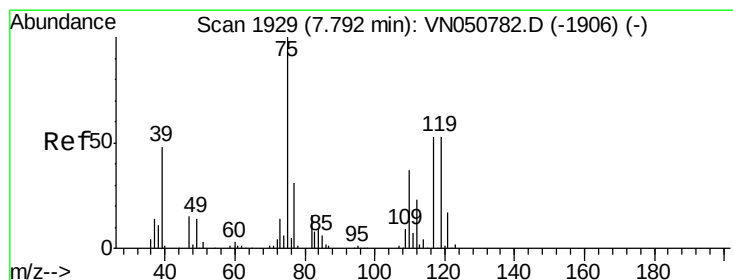
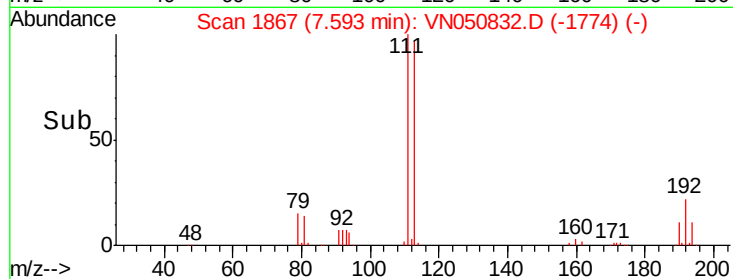
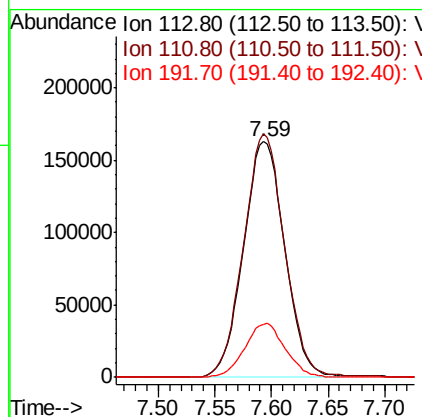
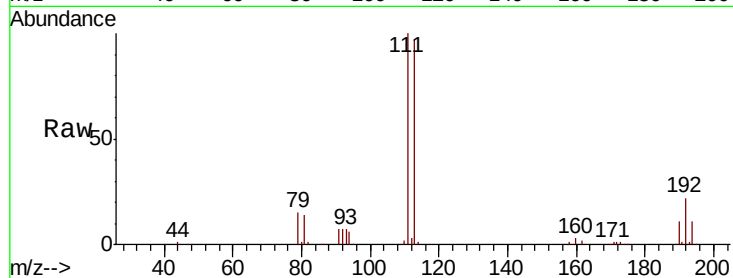




#35
 Dibromofluoromethane
 Concen: 46.12 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

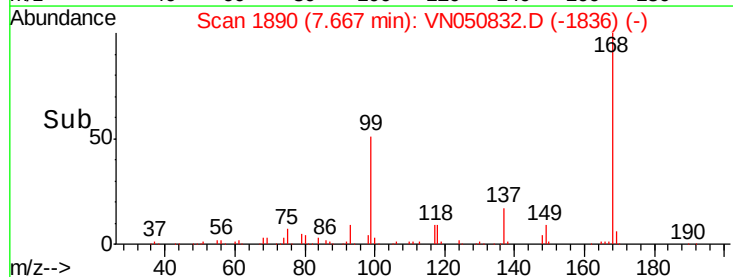
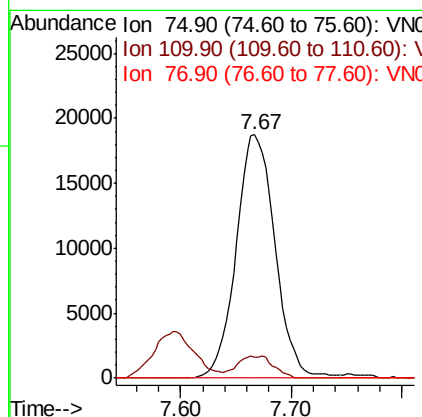
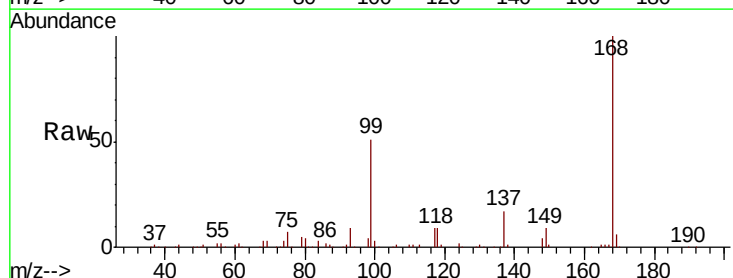
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-082118-B

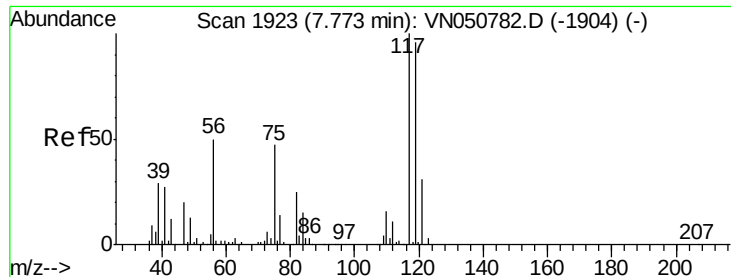
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	22.5	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 3.44 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 4.62 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.10 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampled :

EO-01-082118-B

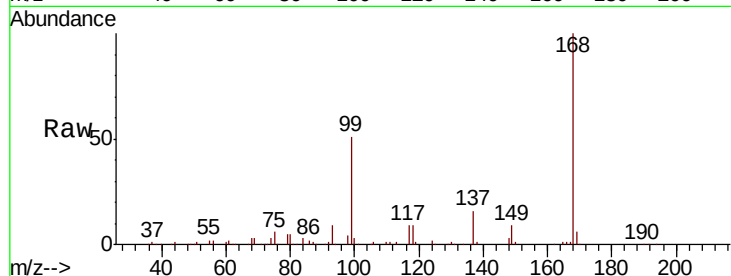
Tot Ion:117 Resp: 62177

Ion Ratio Lower Upper

117 100

119 5.6 76.3 114.5#

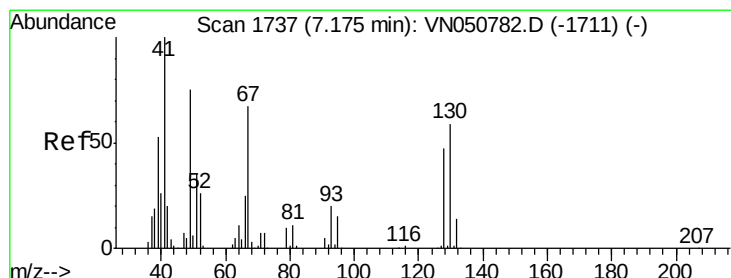
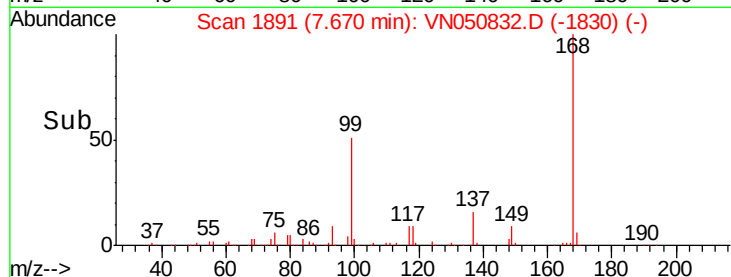
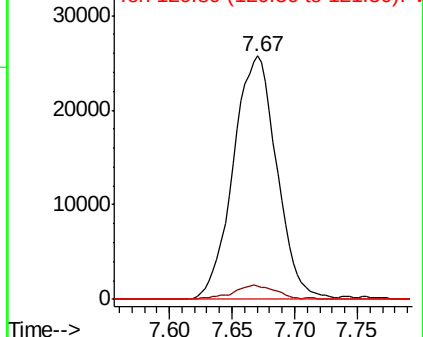
121 0.0 24.6 36.8#



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



#41

Methacrylonitrile

Concen: 0.27 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.05 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Tgt Ion: 41 Resp: 1126

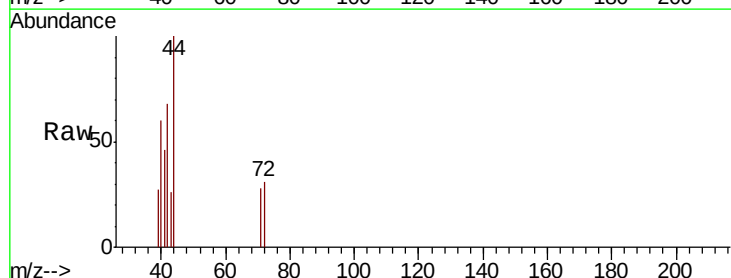
Ion Ratio Lower Upper

41 100

39 16.7 45.4 68.0#

67 0.0 70.6 106.0#

52 0.0 27.1 40.7#

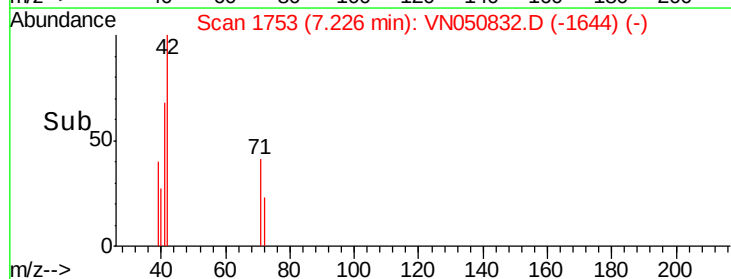
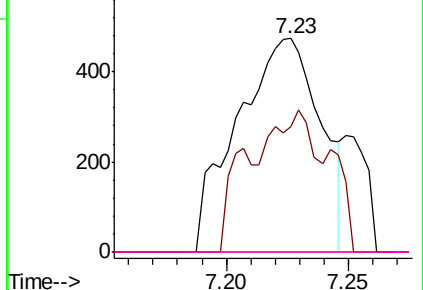


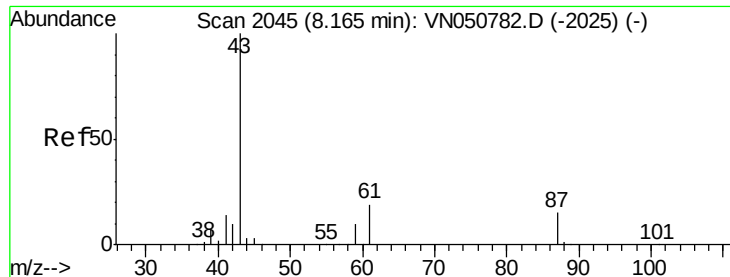
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 27.92 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampled :

EO-01-082118-B

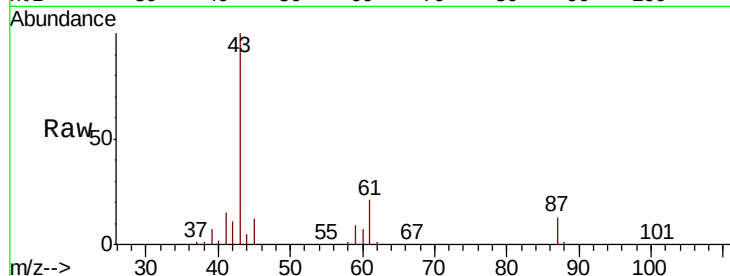
Tot Ion: 43 Resp: 366778

Ion Ratio Lower Upper

43 100

61 17.0 17.5 26.3#

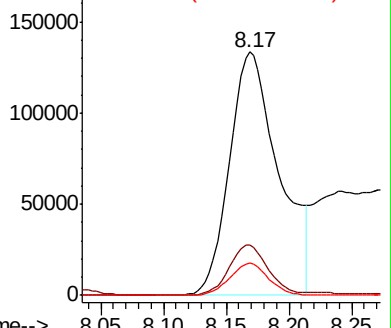
87 10.4 11.3 16.9#



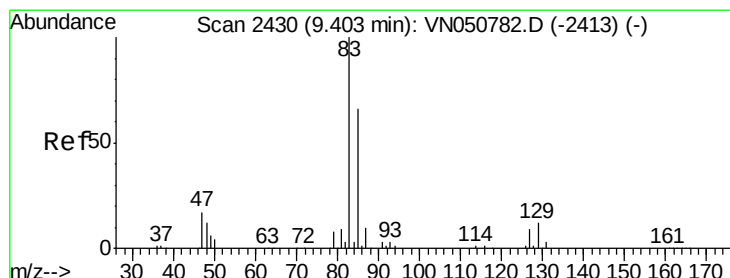
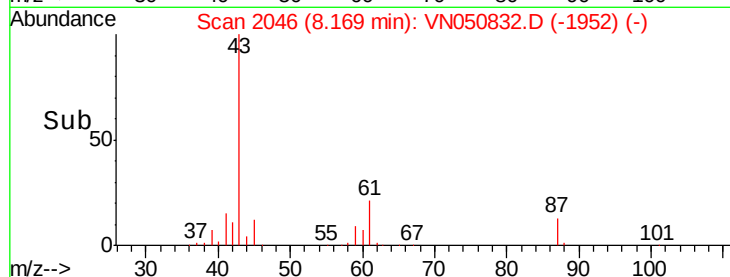
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->



#47

Bromodichloromethane

Concen: 0.37 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

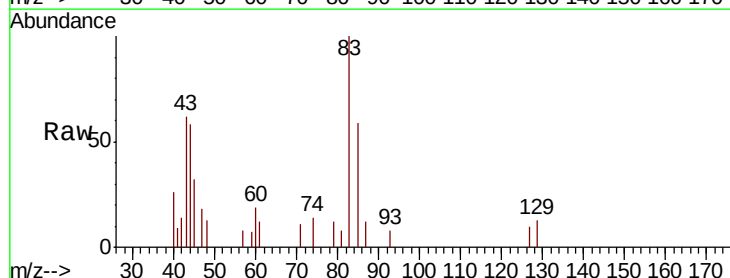
Tgt Ion: 83 Resp: 4845

Ion Ratio Lower Upper

83 100

85 58.6 52.6 78.8

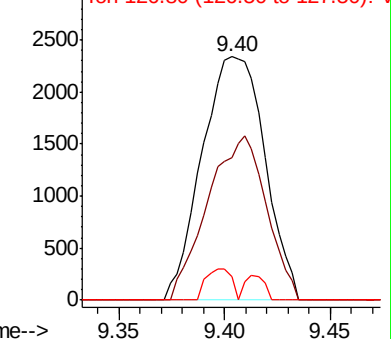
127 9.6 7.2 10.8



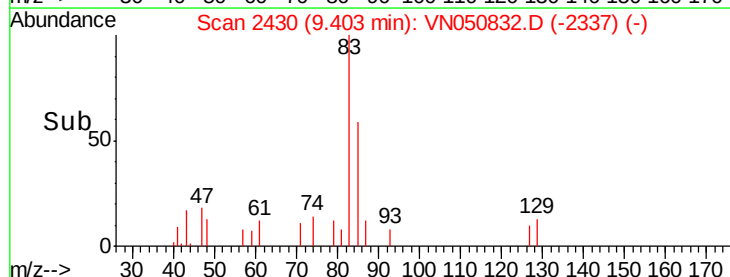
Abundance Ion 82.90 (82.60 to 83.60): VN0

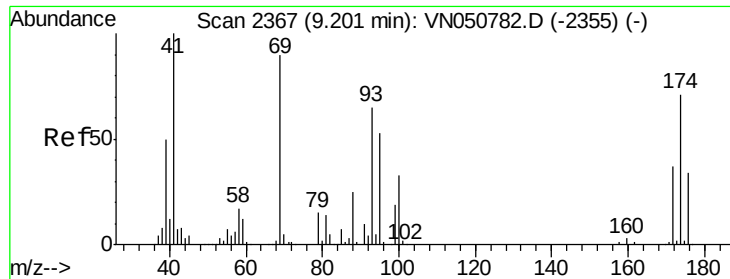
Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



Time-->

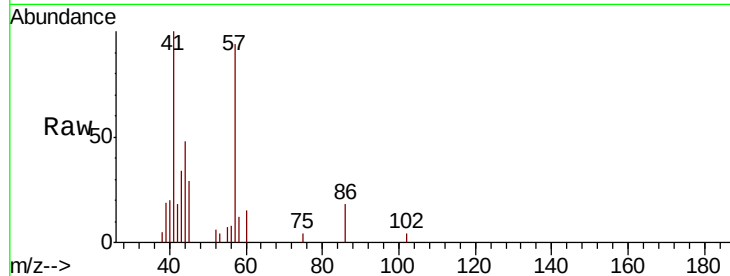




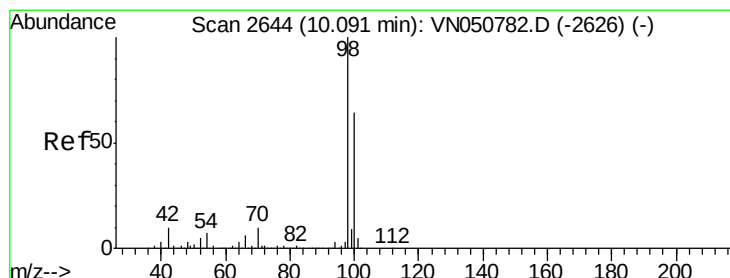
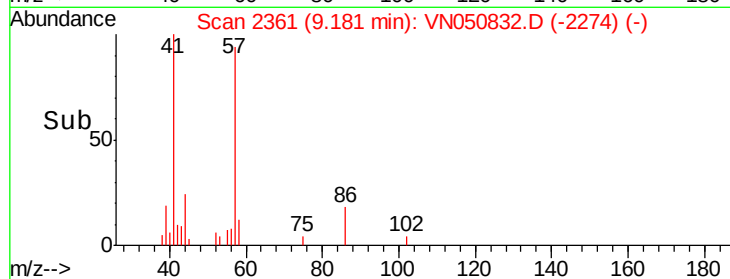
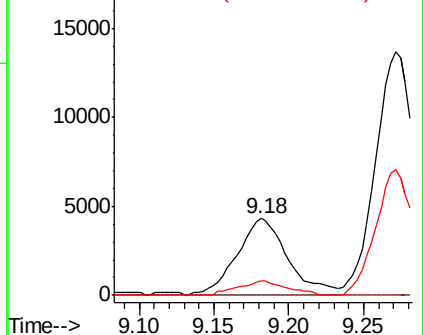
#48
Methvl methacrylate
Concen: 1.54 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Instrument :
MSVOA_N
ClientSampled :
EO-01-082118-B

Tot Ion: 41 Resp: 10296
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 18.3 42.2 63.2#

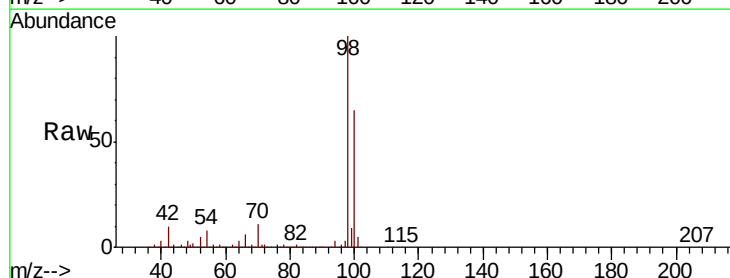


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

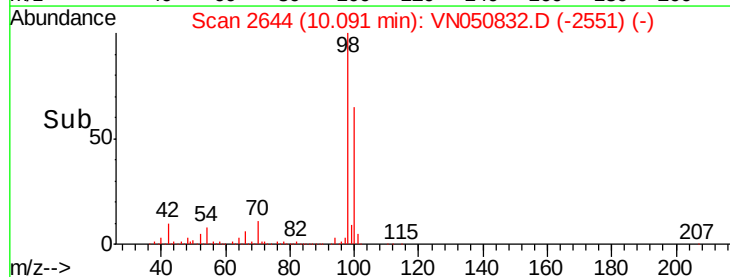
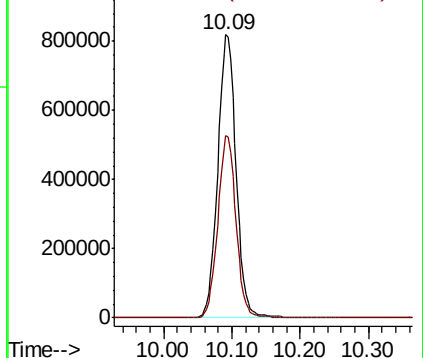


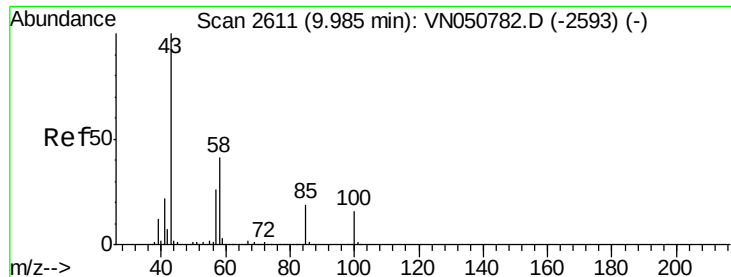
#50
Toluene-d8
Concen: 45.41 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 98 Resp: 1522262
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 0.33 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

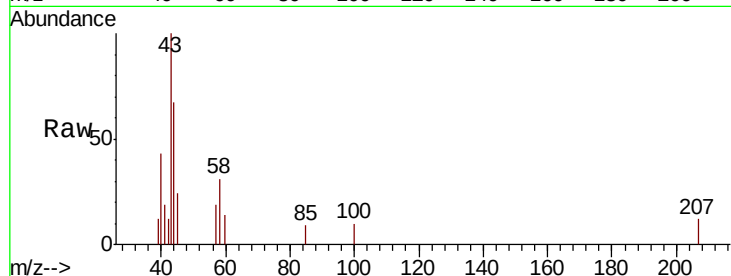
EO-01-082118-B

Tot Ion: 43 Resp: 2552

Ion Ratio Lower Upper

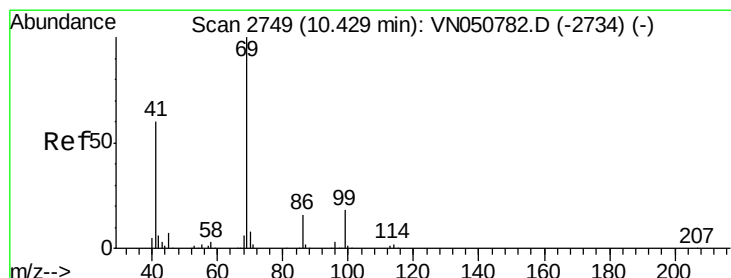
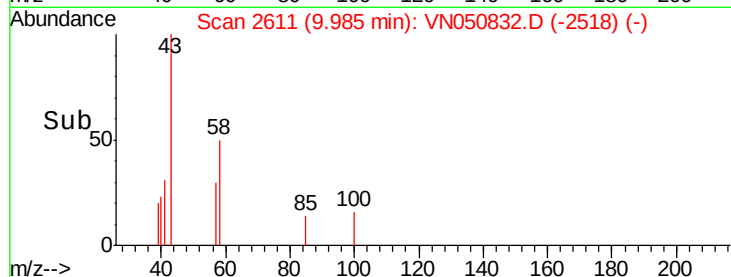
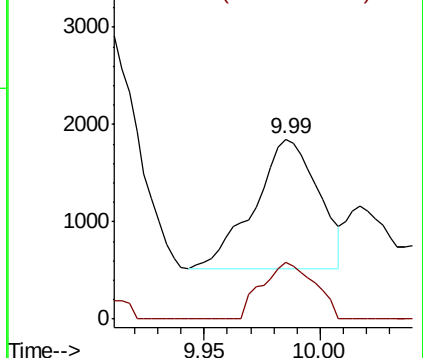
43 100

58 36.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#56

Ethyl methacrylate

Concen: 2.55 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.20 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

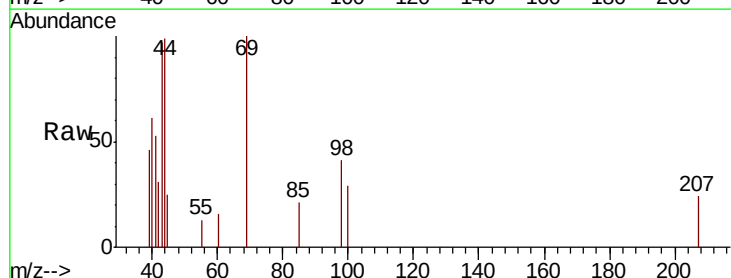
Tgt Ion: 69 Resp: 2470

Ion Ratio Lower Upper

69 100

41 37.7 48.3 72.5#

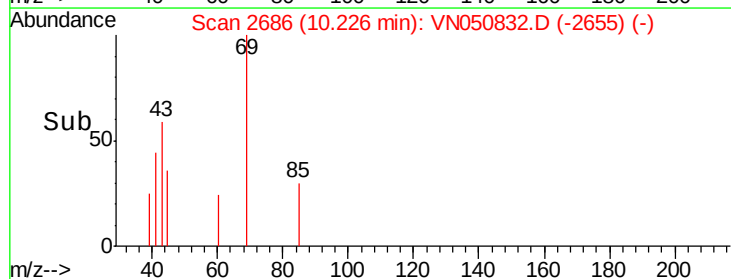
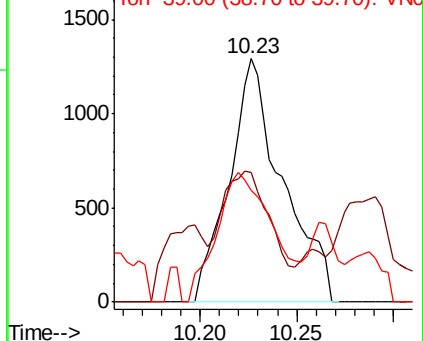
39 56.8 24.0 36.0#

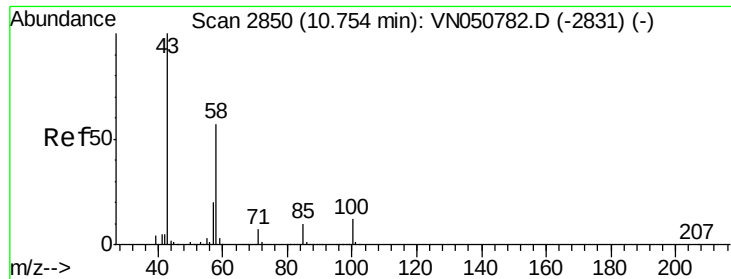


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

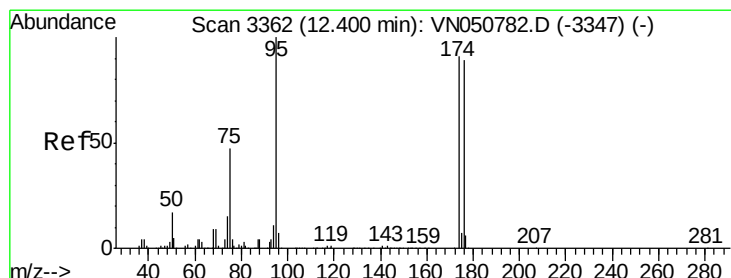
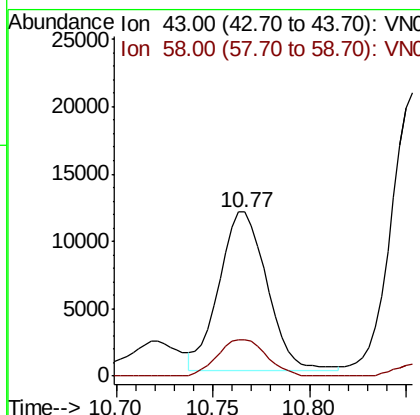
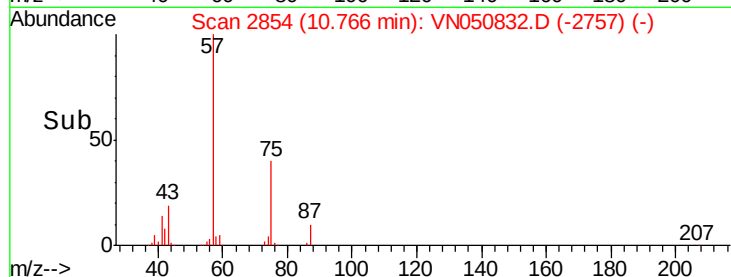
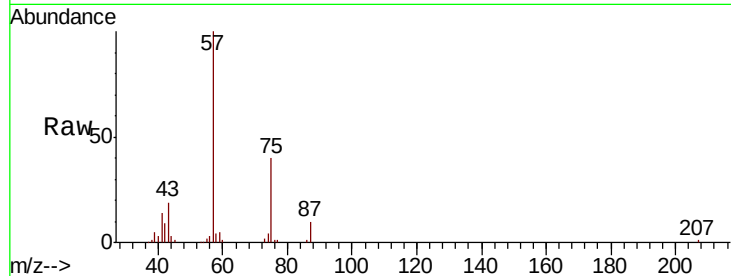




#59
2-Hexanone
Concen: 3.88 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

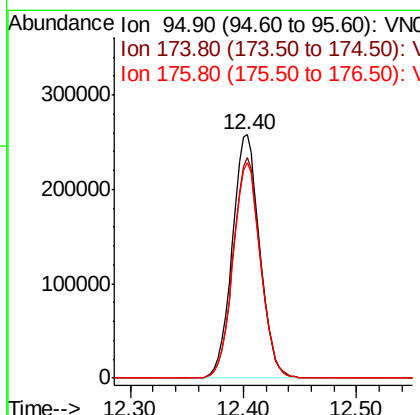
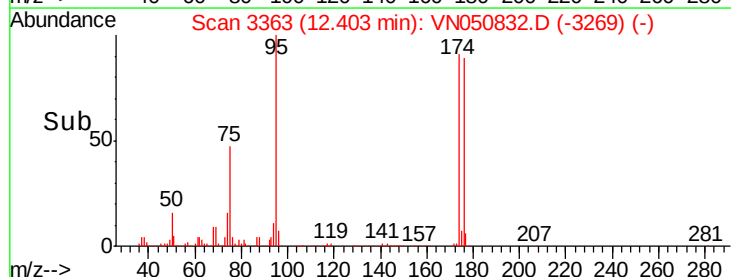
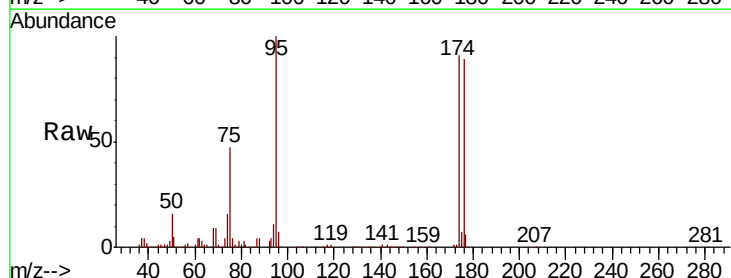
Instrument :
MSVOA_N
ClientSampled :
EO-01-082118-B

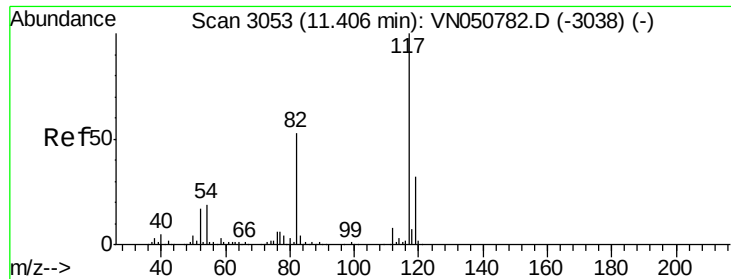
Tot Ion: 43 Resp: 20239
Ion Ratio Lower Upper
43 100
58 23.5 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 39.00 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Tgt Ion: 95 Resp: 434507
Ion Ratio Lower Upper
95 100
174 90.2 0.0 183.0
176 88.4 0.0 178.8

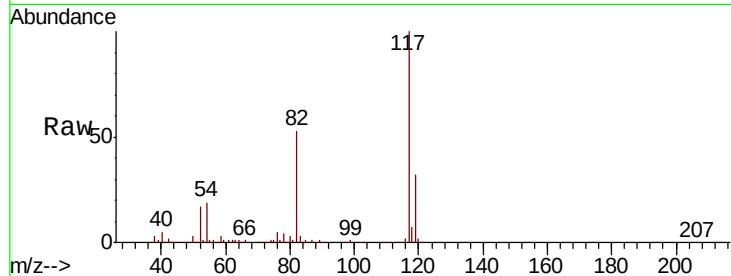




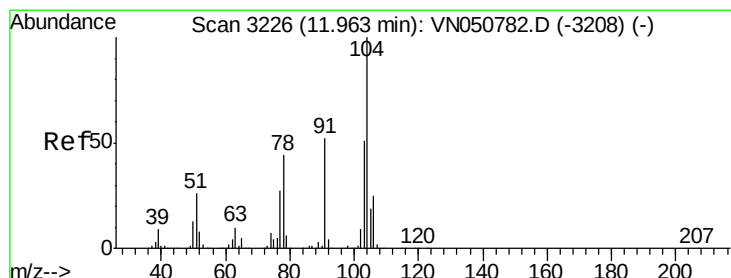
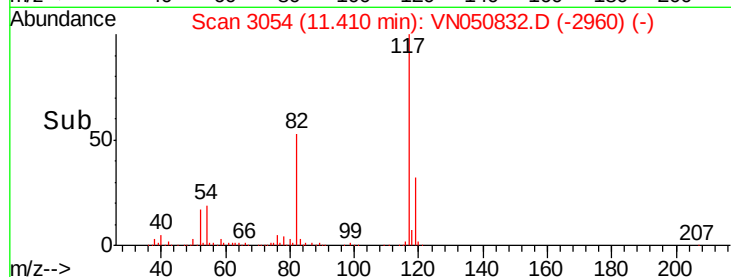
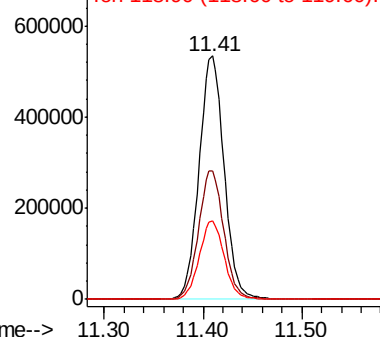
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Instrument :
MSVOA_N
ClientSampled :
EO-01-082118-B

Tot Ion:117 Resp: 951094
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 32.2 25.8 38.6

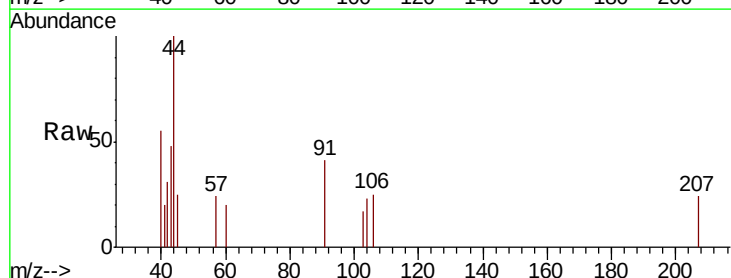


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

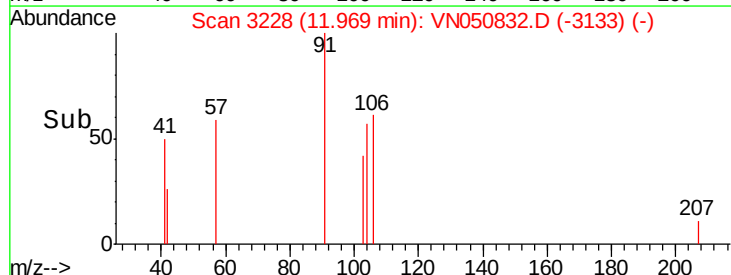
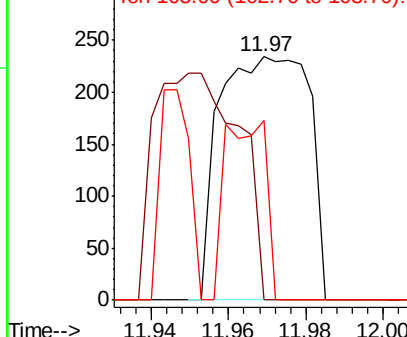


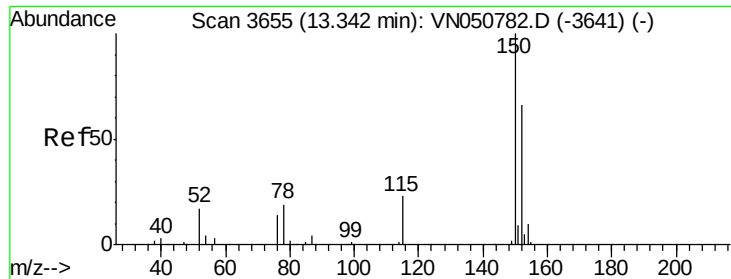
#70
Styrene
Concen: 1.28 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050832.D
Acq: 22 Aug 2018 20:23

Tgt Ion:104 Resp: 376
Ion Ratio Lower Upper
104 100
78 0.0 38.2 57.4#
103 33.5 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3655

Delta R.T. -0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

EO-01-082118-B

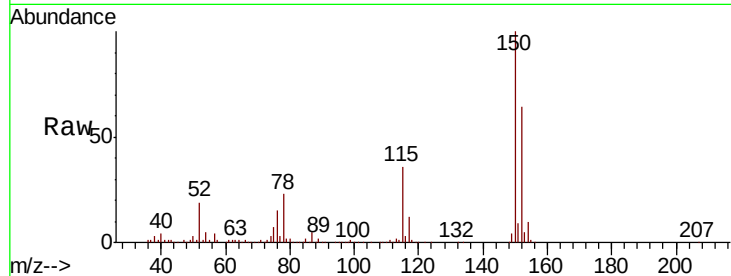
Tot Ion:152 Resp: 370230

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.4

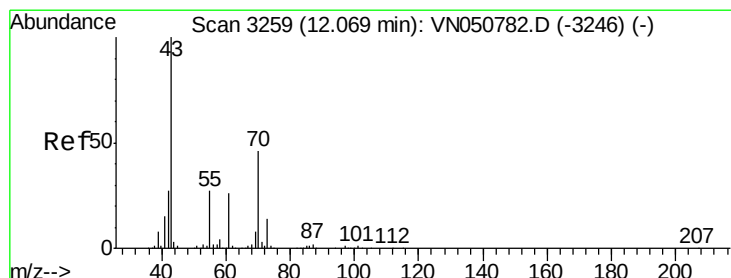
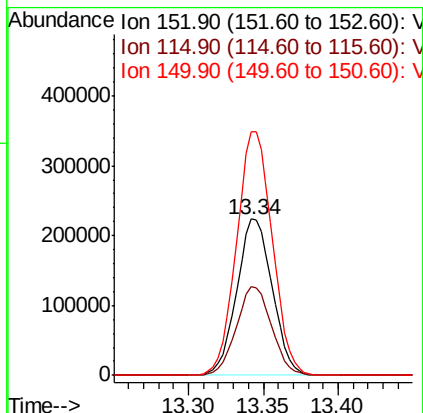
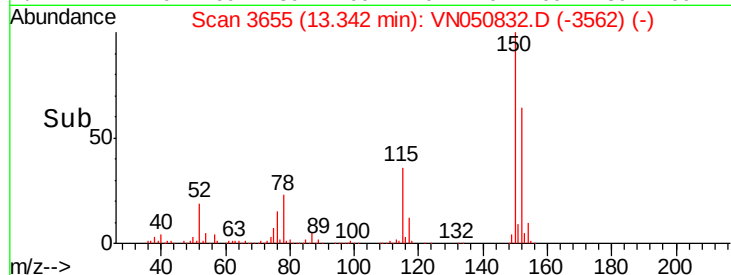
150 156.3 0.0 351.4



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



#74

N-ethyl acetate

Concen: 0.27 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Tgt Ion: 43 Resp: 2111

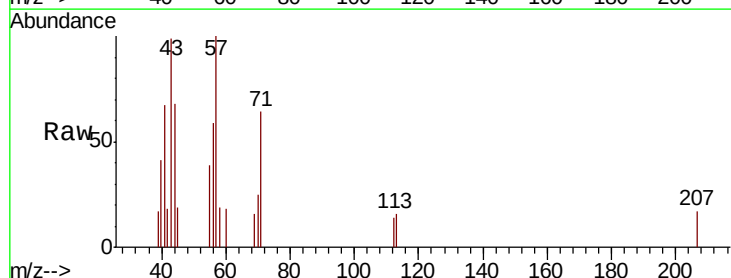
Ion Ratio Lower Upper

43 100

70 21.1 36.2 54.2#

55 42.0 21.8 32.8#

61 0.0 20.5 30.7#

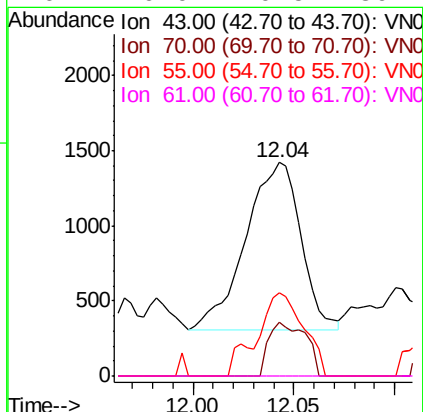
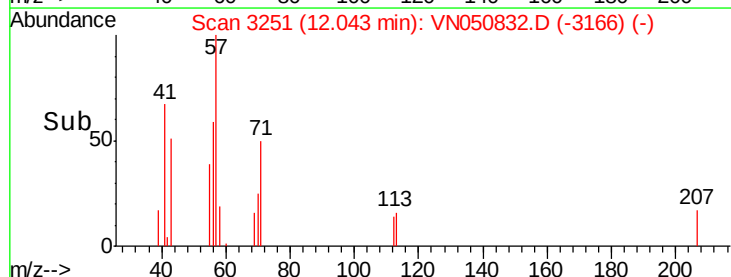


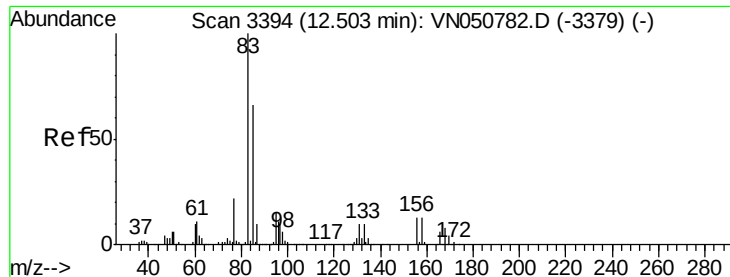
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.45 min Scan# 3378

Delta R.T. -0.05 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

EO-01-082118-B

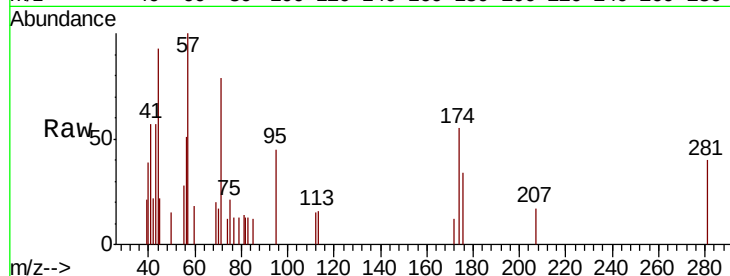
Tot Ion: 83 Resp: 91

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

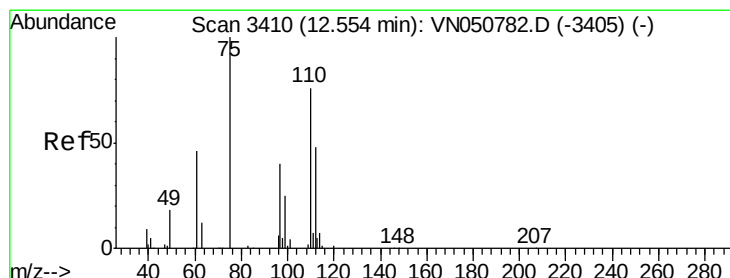
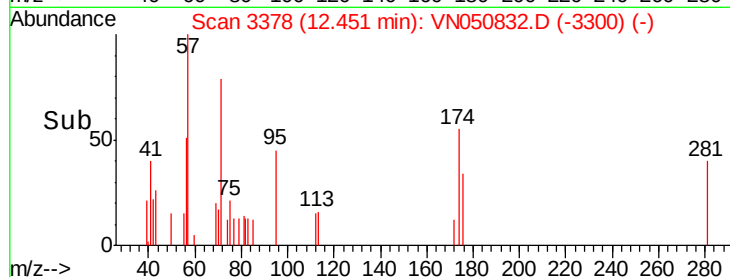
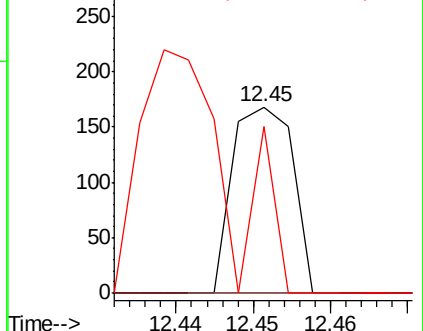
85 189.0 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.73 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050832.D

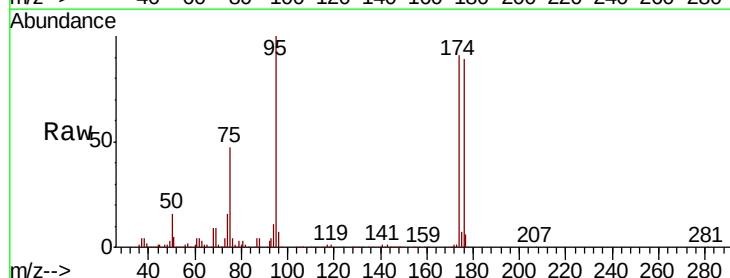
Acq: 22 Aug 2018 20:23

Tgt Ion: 75 Resp: 205774

Ion Ratio Lower Upper

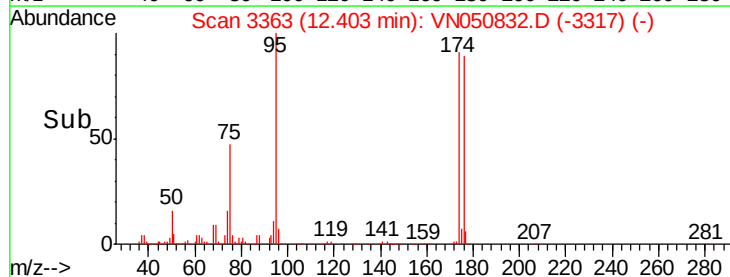
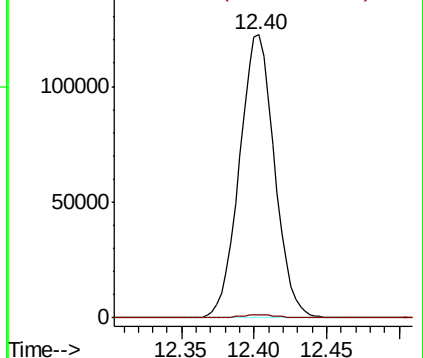
75 100

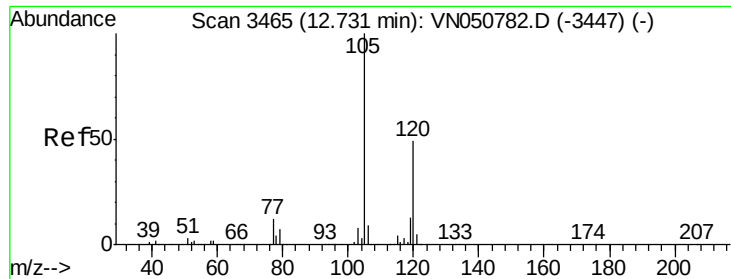
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.27 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

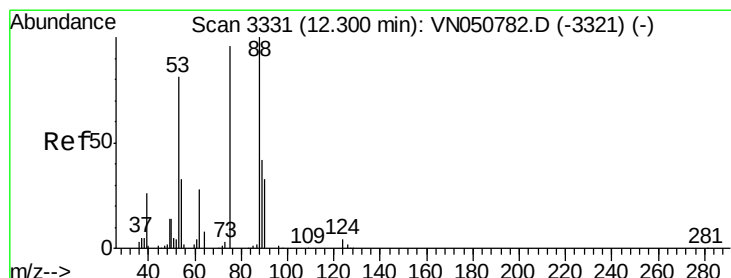
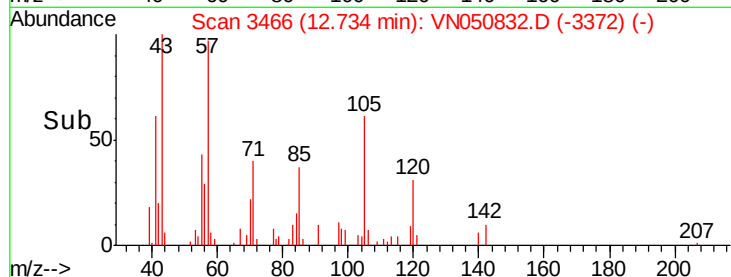
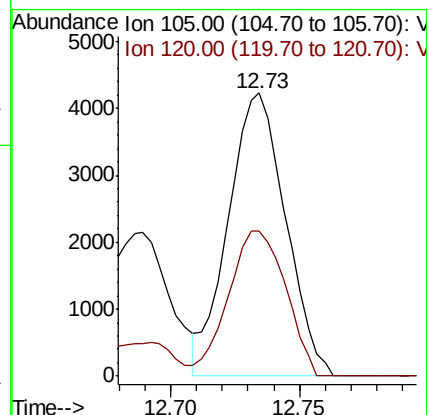
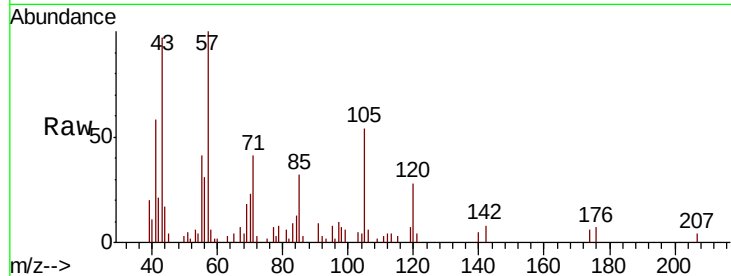
EO-01-082118-B

Tot Ion:105 Resp: 6557

Ion Ratio Lower Upper

105 100

120 51.5 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 107.28 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

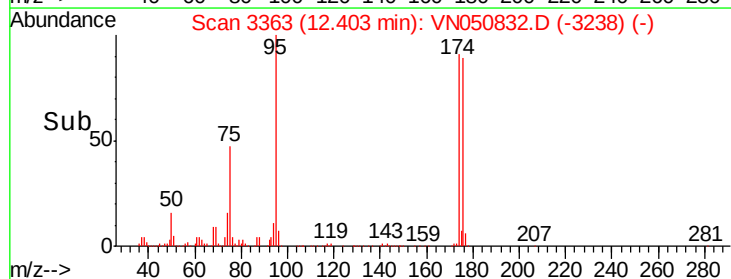
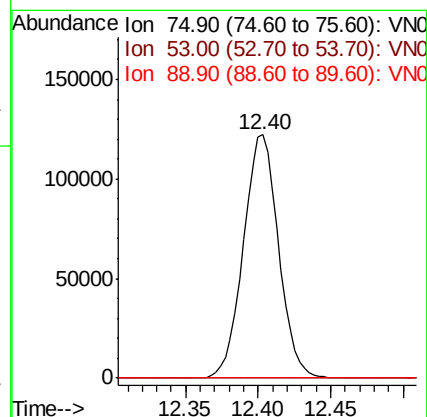
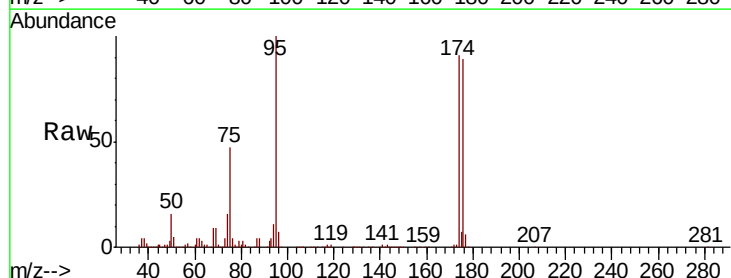
Tgt Ion: 75 Resp: 205774

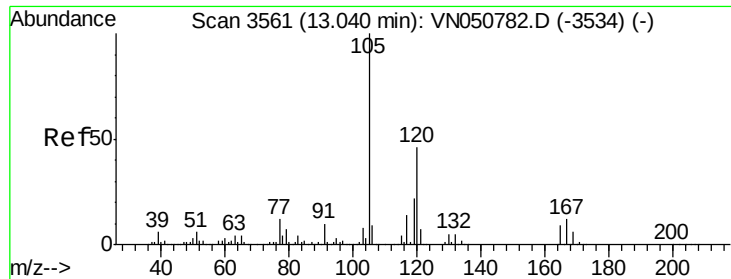
Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

89 0.0 36.1 54.1#

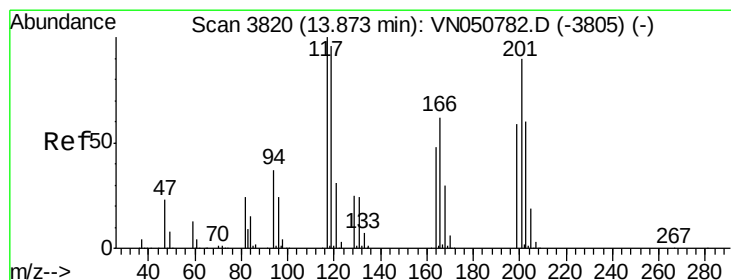
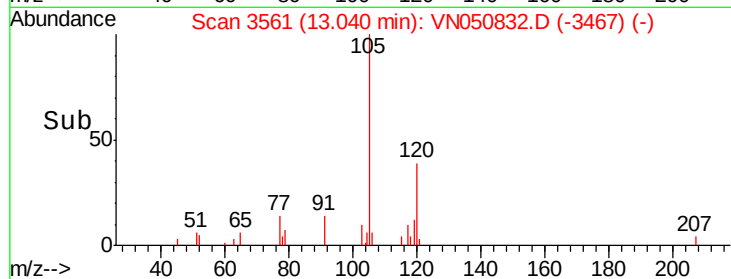
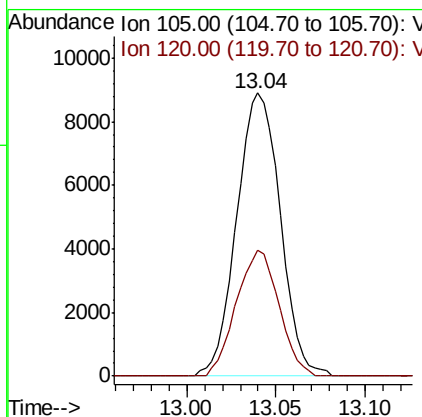
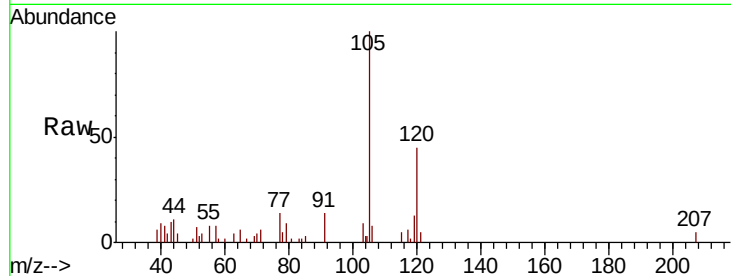




#84
 1,2,4-Trimethylbenzene
 Concen: 0.61 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

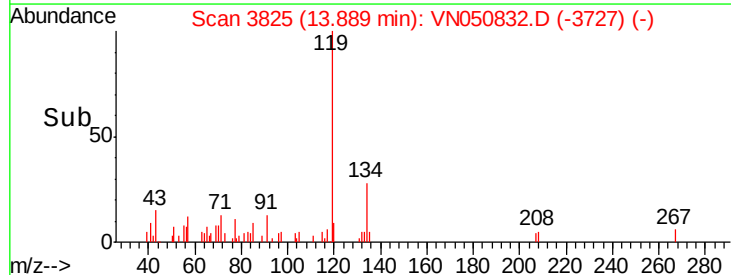
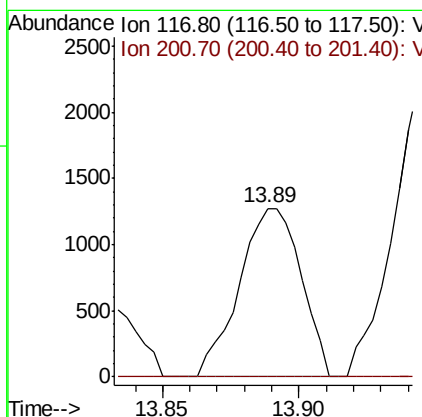
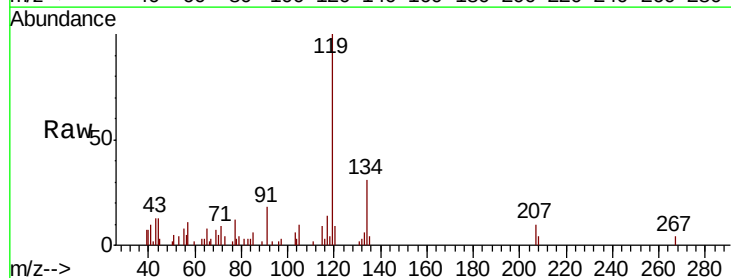
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-082118-B

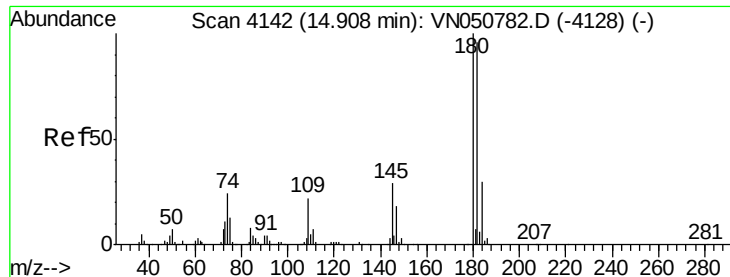
Tot Ion:105 Resp: 15143
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.9 68.8



#90
 Hexachloroethane
 Concen: 0.62 ug/l
 RT: 13.89 min Scan# 3825
 Delta R.T. 0.02 min
 Lab File: VN050832.D
 Acq: 22 Aug 2018 20:23

Tgt Ion:117 Resp: 2000
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.0 137.8#





#93

1,2,4-Trichlorobenzene

Concen: 4.11 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

Instrument :

MSVOA_N

ClientSampleId :

EO-01-082118-B

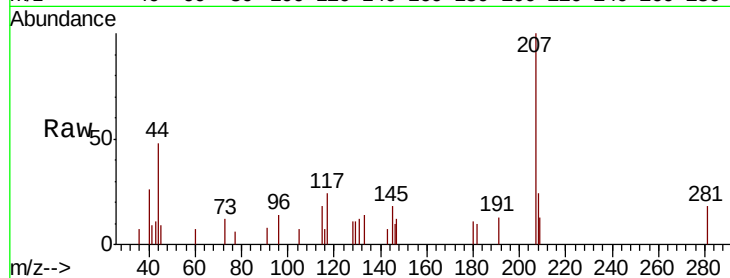
Tot Ion:180 Resp: 234

Ion Ratio Lower Upper

180 100

182 95.7 48.2 144.6

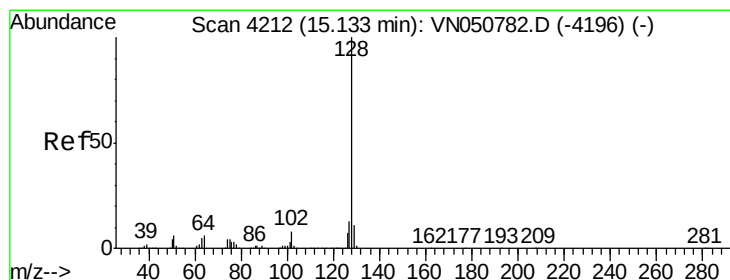
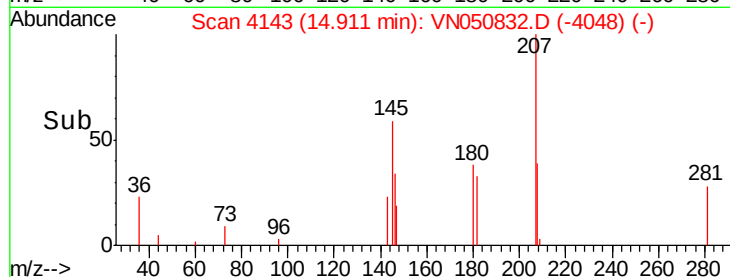
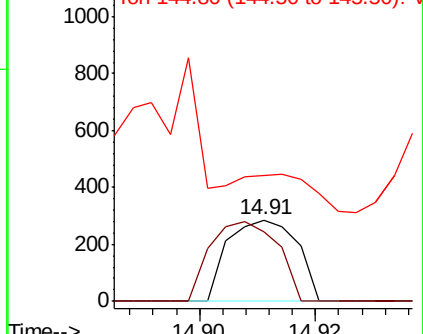
145 447.4 14.1 42.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 46.70 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050832.D

Acq: 22 Aug 2018 20:23

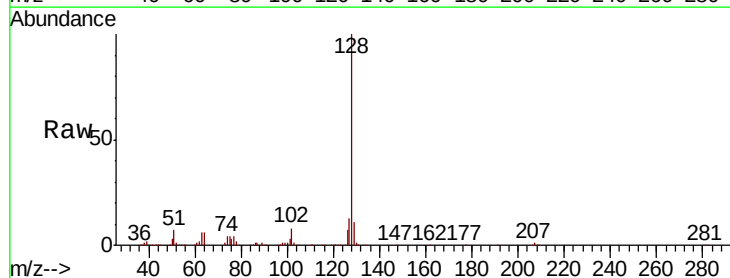
Tgt Ion:128 Resp: 684880

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.8 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

