

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003185.D
 Acq On : 05 Jul 2018 21:00
 Operator : JC/MD
 Sample : J3852-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-2

Quant Time: Jul 06 01:06:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	180138	46.76	ug/l	0.01
Spiked Amount			Recovery	=	93.52%	
35) Dibromofluoromethane	5.51	113	147522	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	8.72	98	538875	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.14	95	190399	44.26	ug/l	0.00
Spiked Amount			Recovery	=	88.52%	

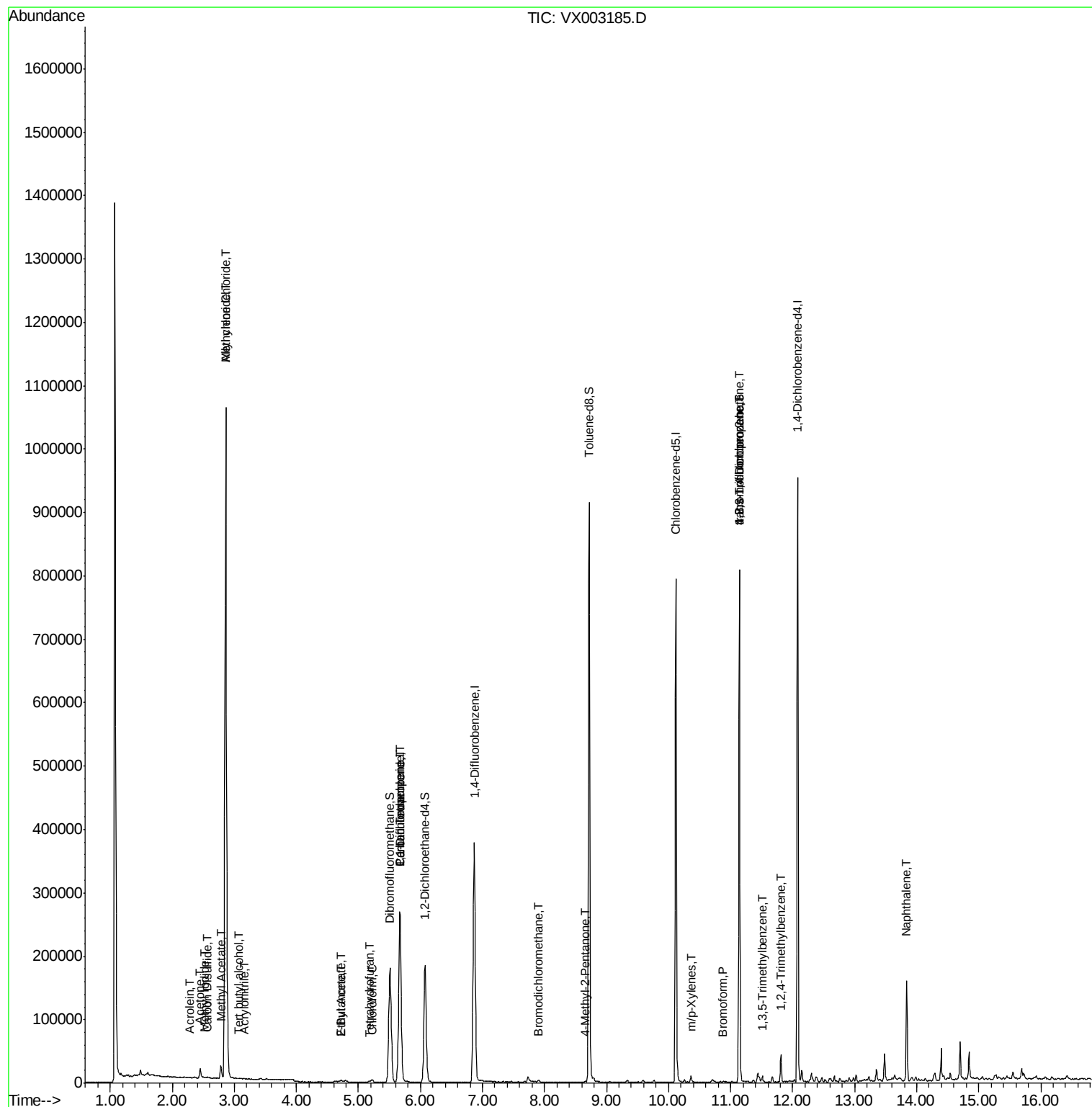
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.27	85	22	Below Cal	#	43
3) Chloromethane	1.32	50	657	Below Cal	#	70
5) Bromomethane	1.64	94	1484	Below Cal	#	42
6) Chloroethane	1.73	64	39	Below Cal	#	1
10) Methyl Iodide	2.52	142	1540	6.66	ug/l	95
11) Tert butyl alcohol	3.08	59	423	0.55	ug/l	1
13) Acrolein	2.29	56	942	6.41	ug/l	29
14) Allyl chloride	2.86	41	20787	3.84	ug/l	24
15) Acrylonitrile	3.16	53	341	0.21	ug/l	67
16) Acetone	2.45	43	15897	9.97	ug/l	91
17) Carbon Disulfide	2.57	76	2151	0.29	ug/l	96
18) Methyl Acetate	2.78	43	23247	5.21	ug/l	95
20) Methylene Chloride	2.86	84	504714	162.59	ug/l	93
25) 2-Butanone	4.72	43	4448	1.88	ug/l	91
29) Tetrahydrofuran	5.17	42	1790	1.18	ug/l	91
30) Chloroform	5.22	83	3995	0.69	ug/l	87
36) 1,1-Dichloropropene	5.67	75	17826	4.21	ug/l	50
37) Ethyl Acetate	4.72	43	4748	1.04	ug/l	71
38) Carbon Tetrachloride	5.67	117	25163	5.42	ug/l	17
47) Bromodichloromethane	7.90	83	1341	0.32	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1111	0.23	ug/l	77
68) m/p-Xylenes	10.36	106	2028	0.35	ug/l	93
71) Bromoform	10.87	173	49	3.92	ug/l	28
76) 1,2,3-Trichloropropane	11.14	75	96129	25.68	ug/l	33
80) 1,3,5-Trimethylbenzene	11.51	105	4168	0.36	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	96129	72.85	ug/l	7
84) 1,2,4-Trimethylbenzene	11.81	105	17260	1.42	ug/l	98
95) Naphthalene	13.84	128	102944	7.28	ug/l	100

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

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HC-SOIL-2

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

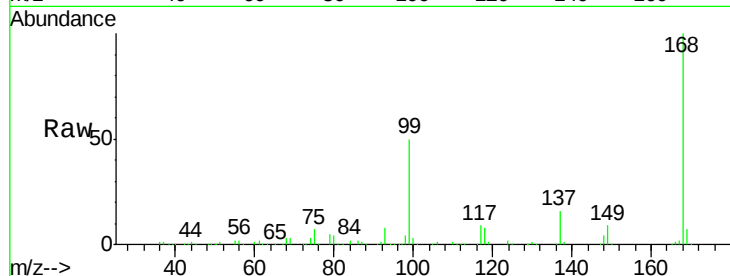
HC-SOIL-2

Tot Ion:168 Resp: 278685

Ion Ratio Lower Upper

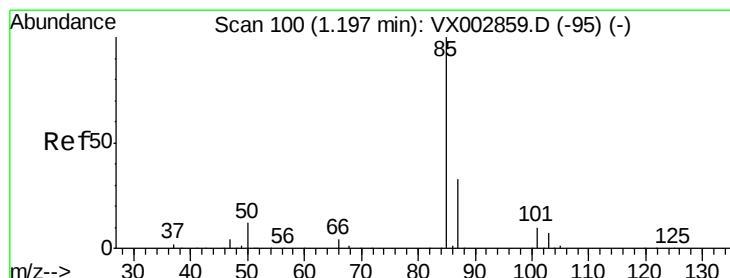
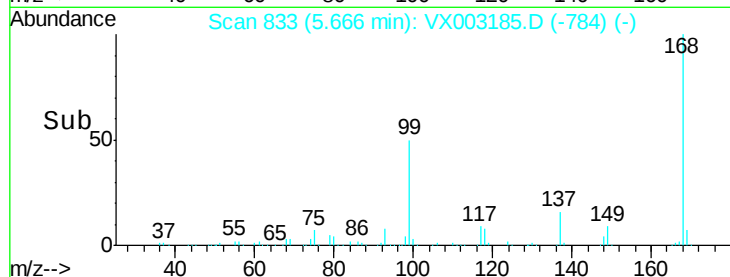
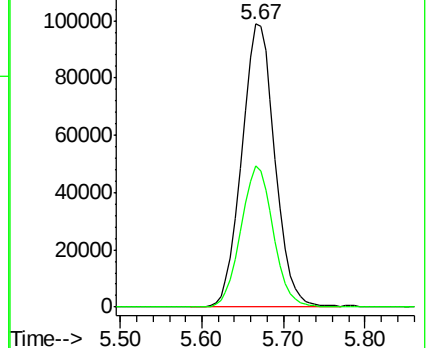
168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.27 min Scan# 112

Delta R.T. 0.07 min

Lab File: VX003185.D

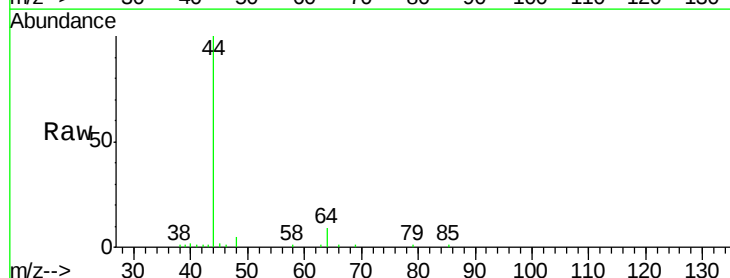
Acq: 05 Jul 2018 21:00

Tgt Ion: 85 Resp: 22

Ion Ratio Lower Upper

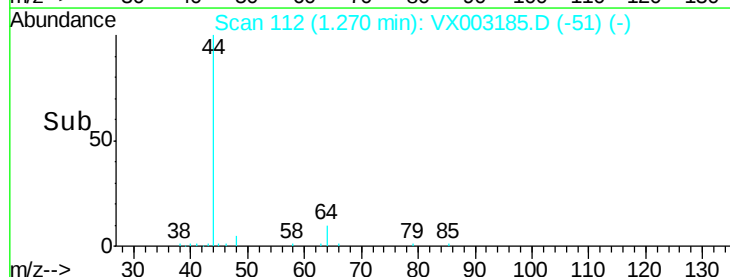
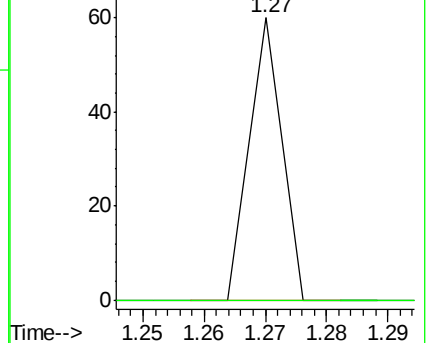
85 100

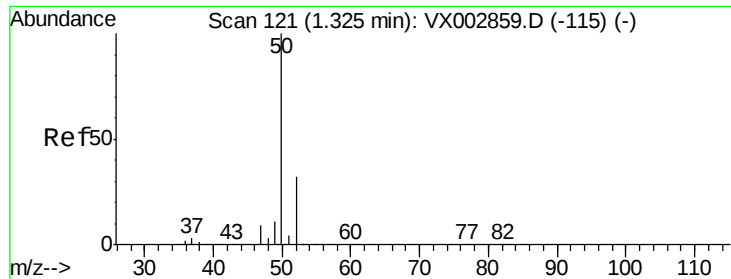
87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

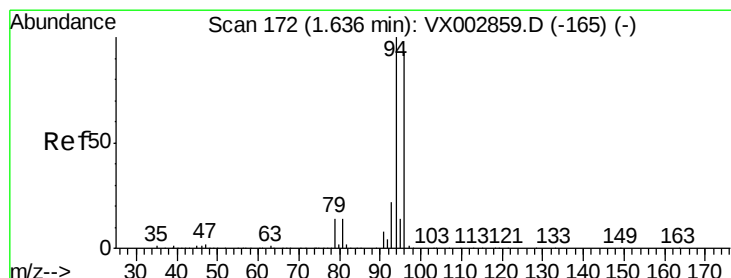
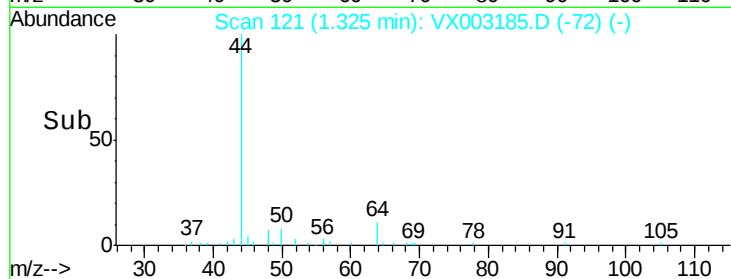
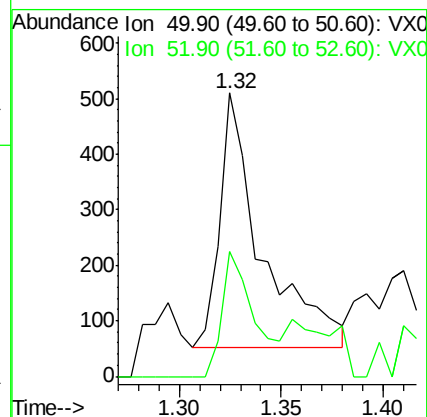
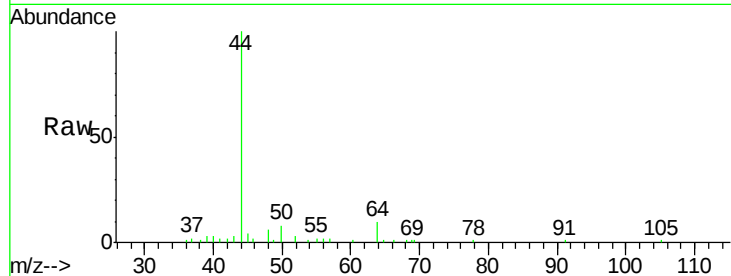
HC-SOIL-2

Tot Ion: 50 Resp: 657

Ion Ratio Lower Upper

50 100

52 49.0 25.7 38.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003185.D

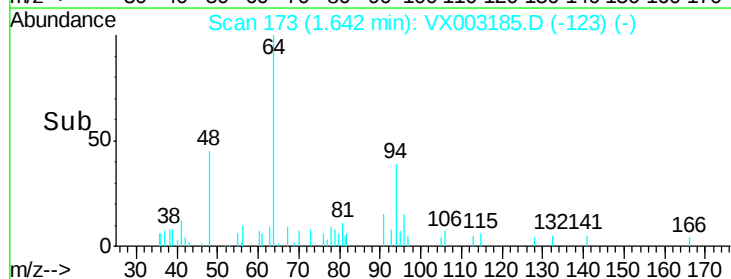
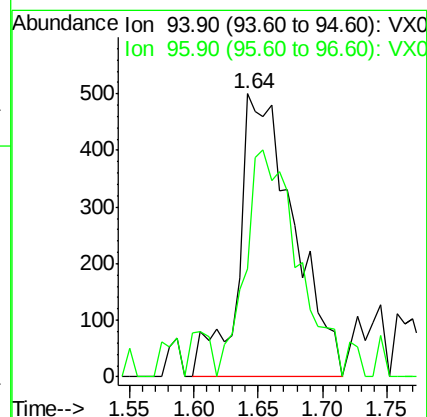
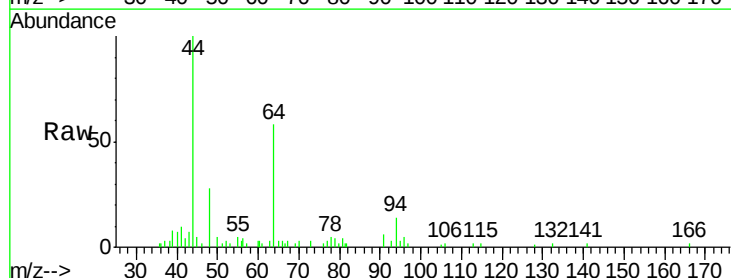
Acq: 05 Jul 2018 21:00

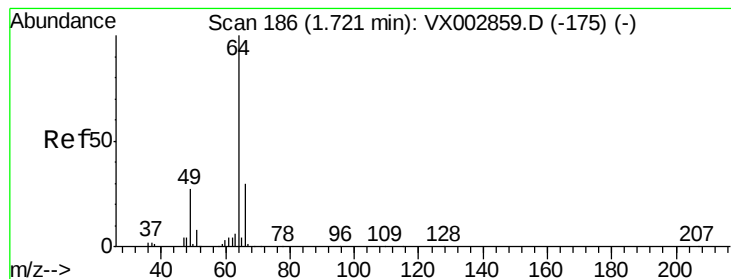
Tgt Ion: 94 Resp: 1484

Ion Ratio Lower Upper

94 100

96 38.0 74.9 112.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

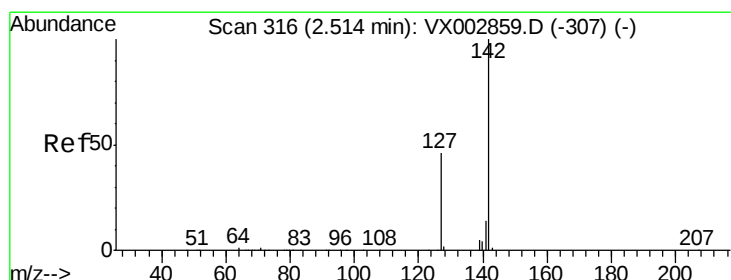
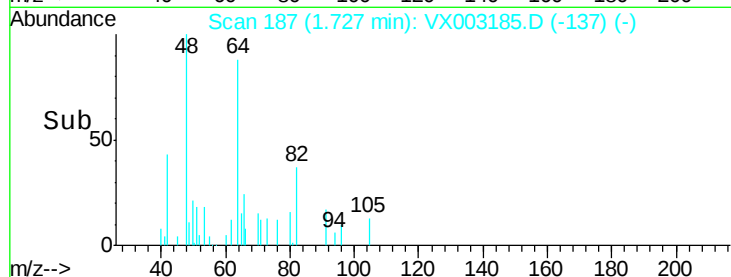
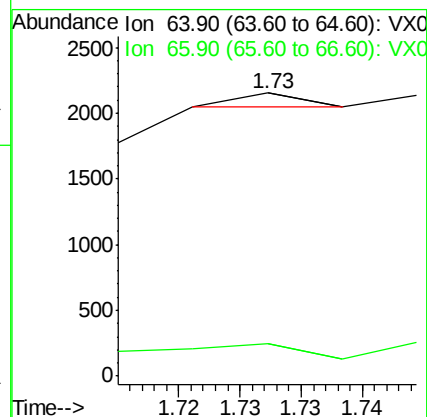
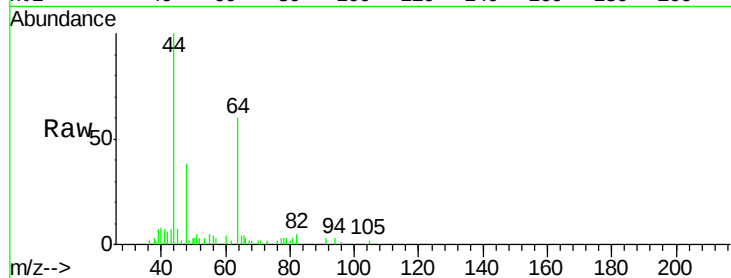
HC-SOIL-2

Tot Ion: 64 Resp: 39

Ion Ratio Lower Upper

64 100

66 105.6 25.5 38.3#



#10

Methyl Iodide

Concen: 6.66 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

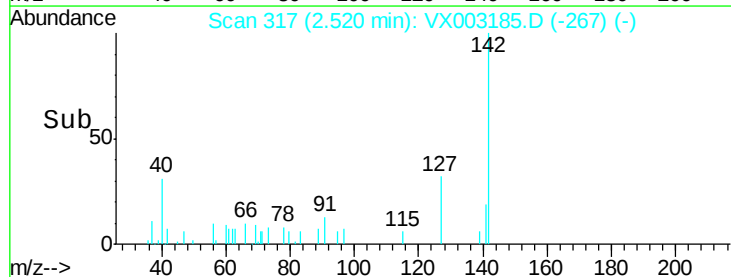
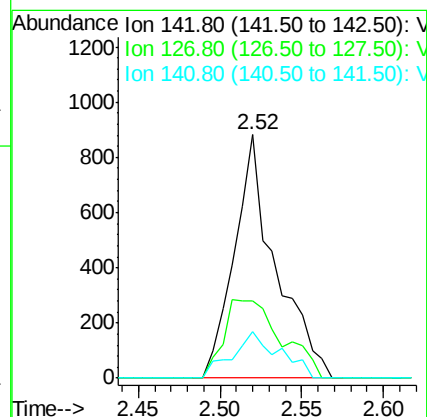
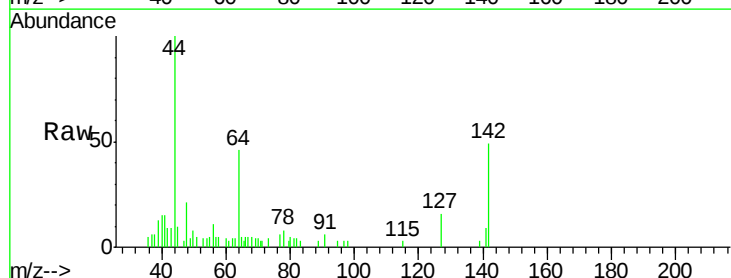
Tgt Ion: 142 Resp: 1540

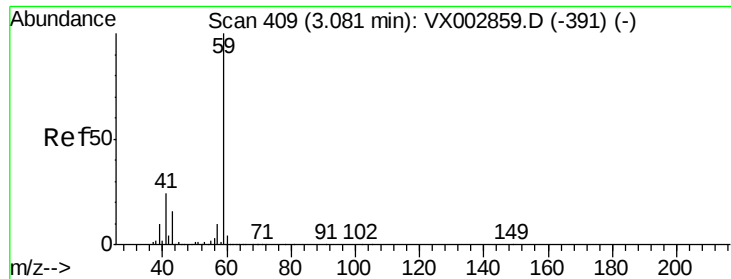
Ion Ratio Lower Upper

142 100

127 45.5 36.6 55.0

141 21.7 11.3 16.9#

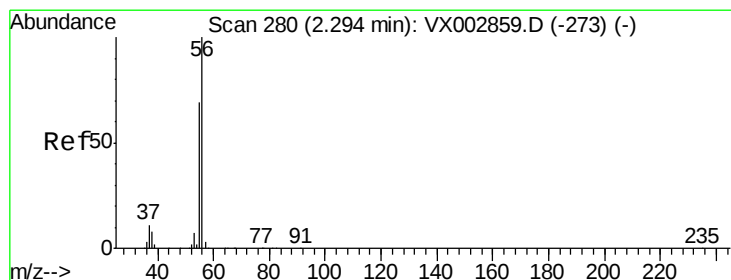
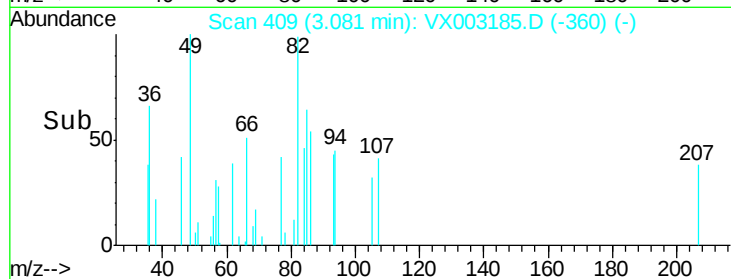
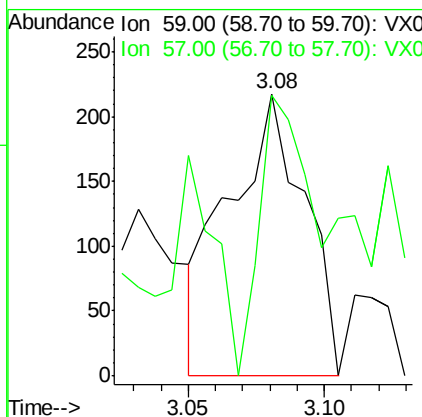
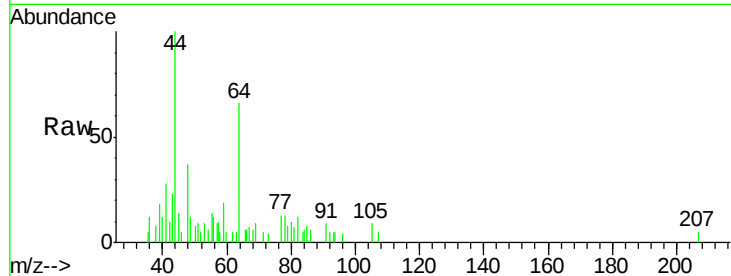




#11
Tert butyl alcohol
Concen: 0.55 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

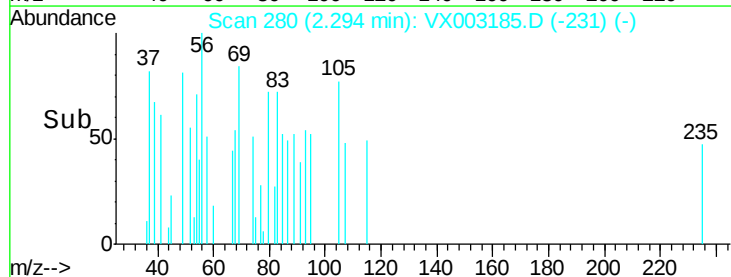
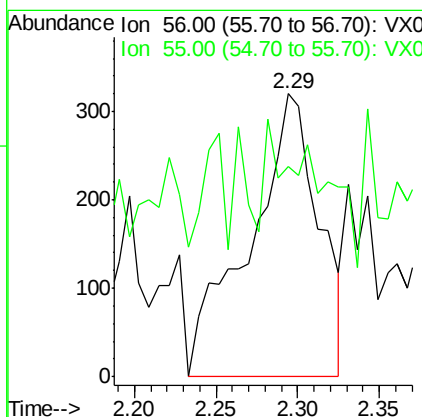
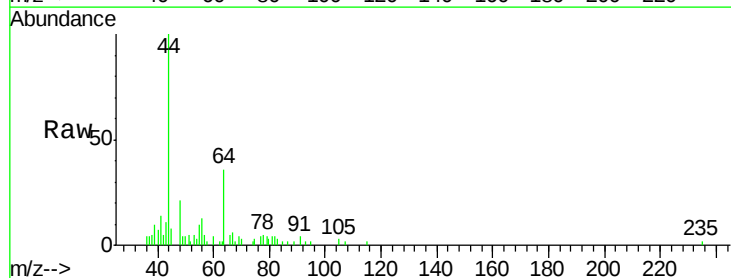
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-2

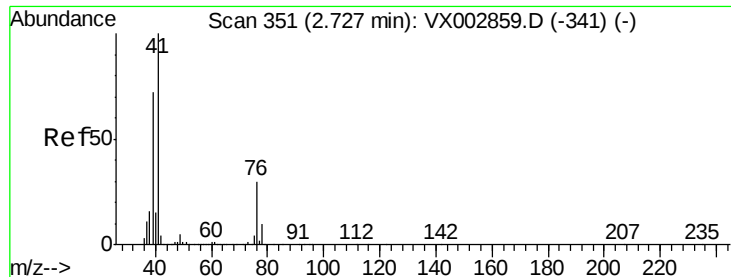
Tot Ion: 59 Resp: 423
Ion Ratio Lower Upper
59 100
57 75.7 8.2 12.2#



#13
Acrolein
Concen: 6.41 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

Tgt Ion: 56 Resp: 942
Ion Ratio Lower Upper
56 100
55 12.6 57.0 85.4#





#14

Allvl chloride

Concen: 3.84 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.13 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-2

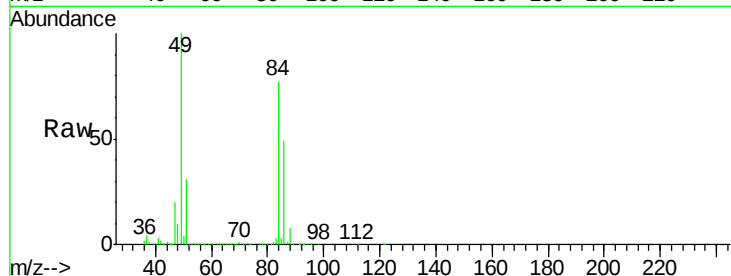
Tot Ion: 41 Resp: 20787

Ion Ratio Lower Upper

41 100

39 1.2 56.8 85.2#

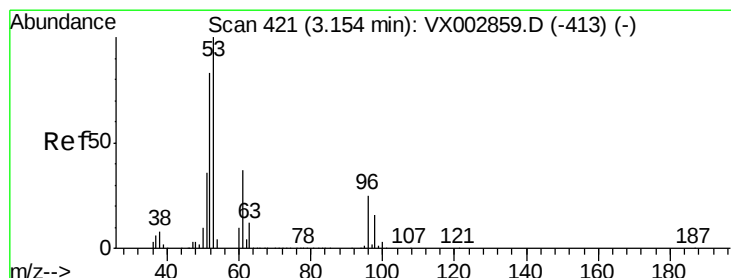
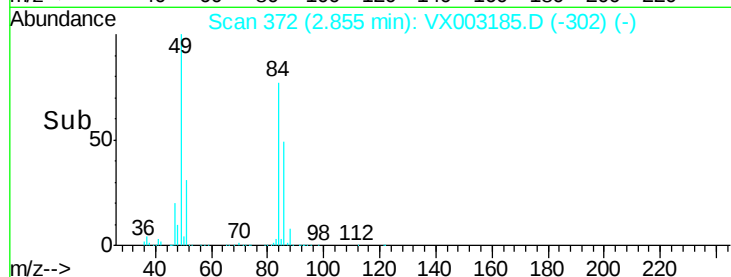
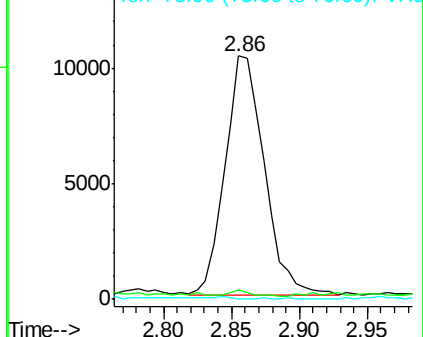
76 0.5 23.8 35.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 0.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

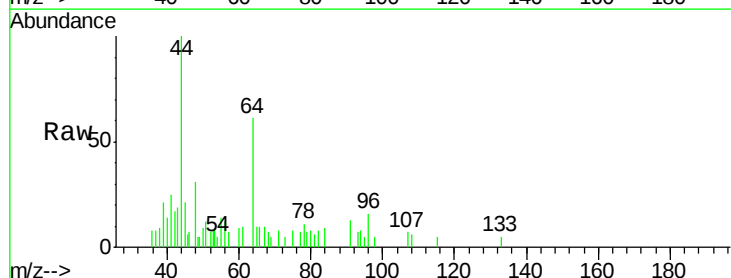
Tgt Ion: 53 Resp: 341

Ion Ratio Lower Upper

53 100

52 100.9 66.7 100.1#

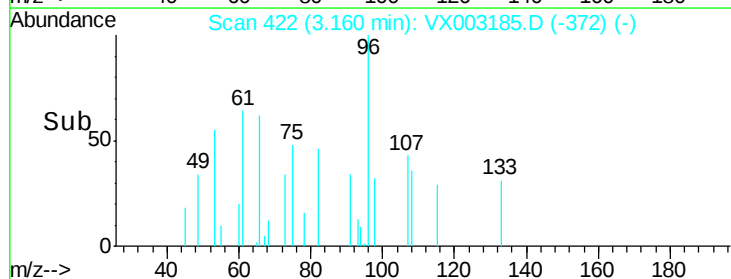
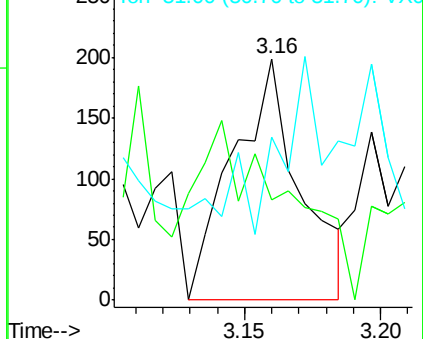
51 0.0 29.9 44.9#

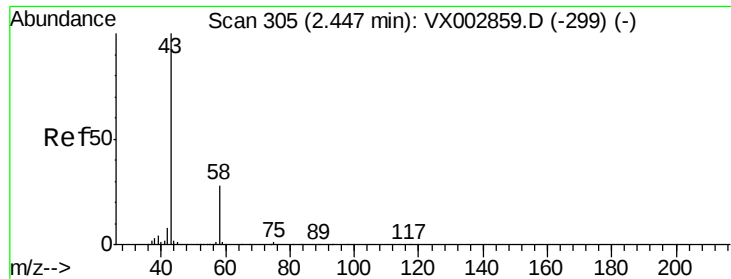


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 9.97 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

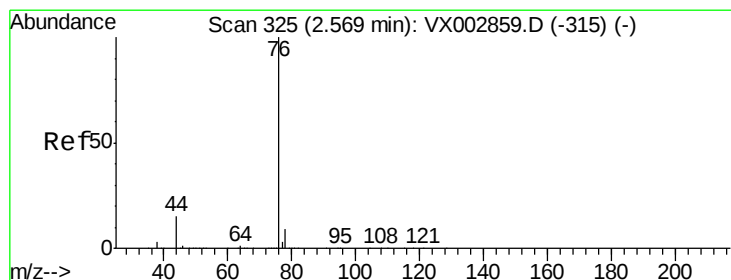
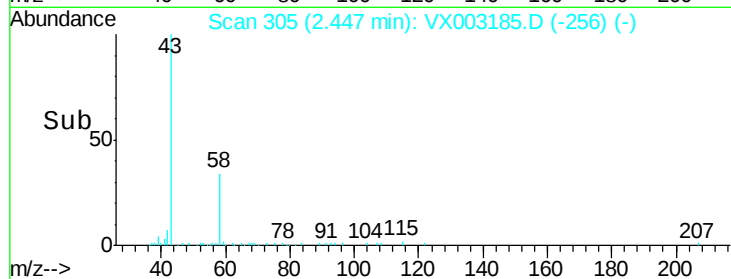
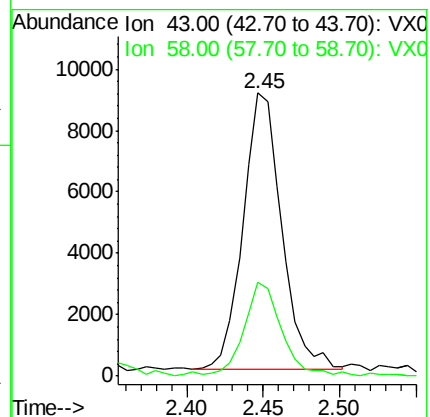
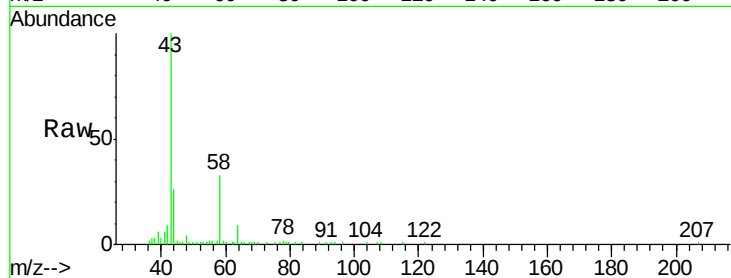
HC-SOIL-2

Tot Ion: 43 Resp: 15897

Ion Ratio Lower Upper

43 100

58 32.5 22.1 33.1



#17

Carbon Disulfide

Concen: 0.29 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003185.D

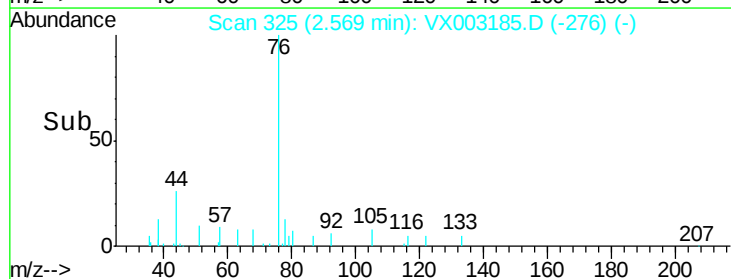
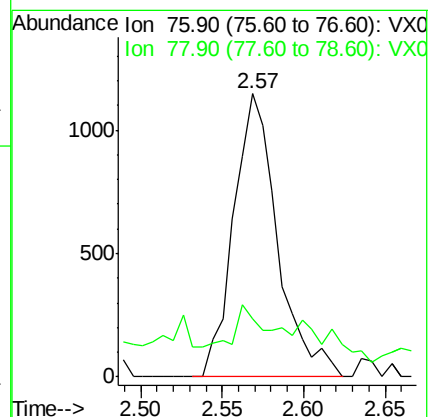
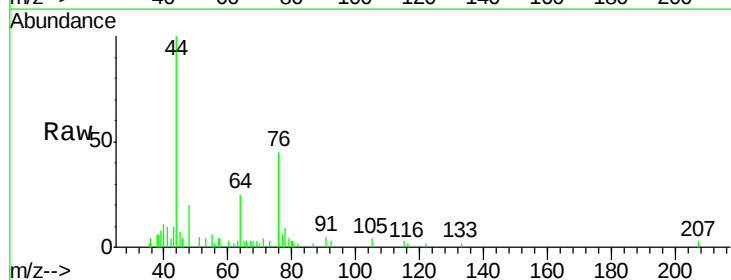
Acq: 05 Jul 2018 21:00

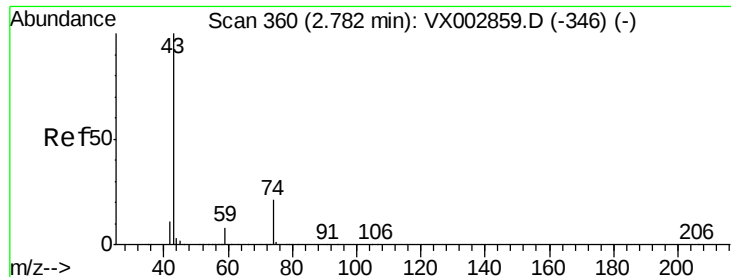
Tgt Ion: 76 Resp: 2151

Ion Ratio Lower Upper

76 100

78 9.9 6.9 10.3

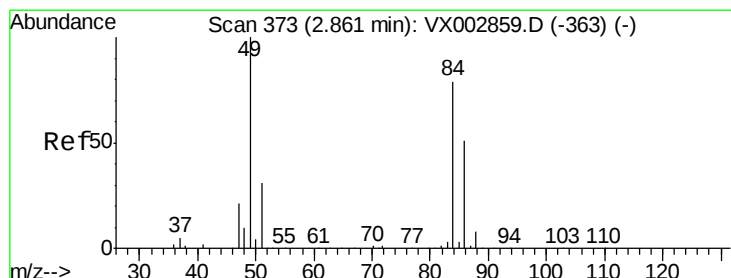
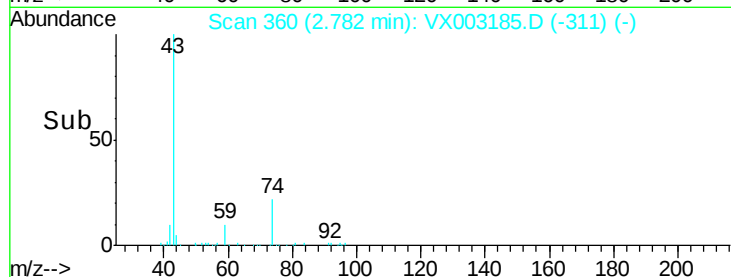
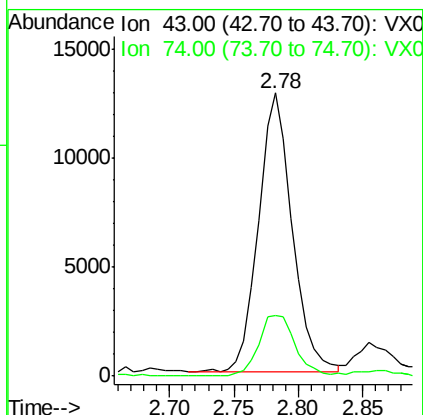
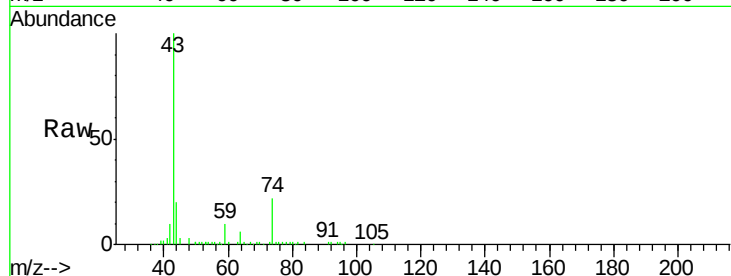




#18
Methvl Acetate
Concen: 5.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

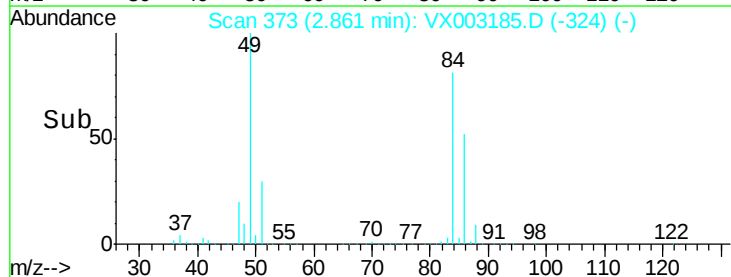
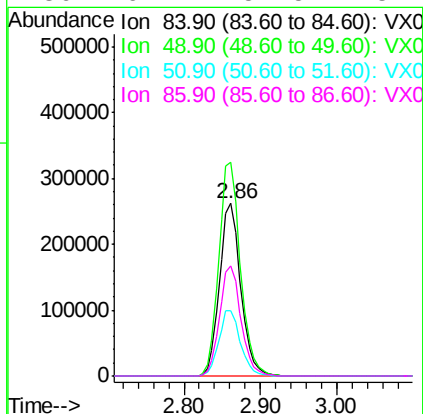
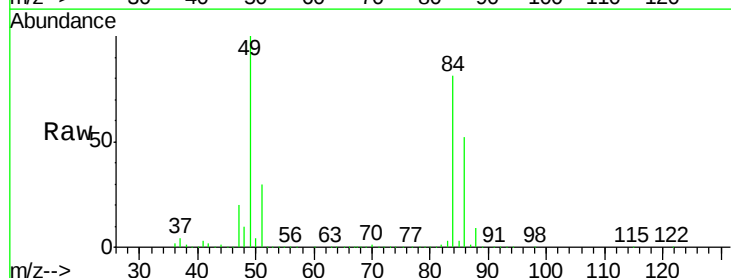
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-2

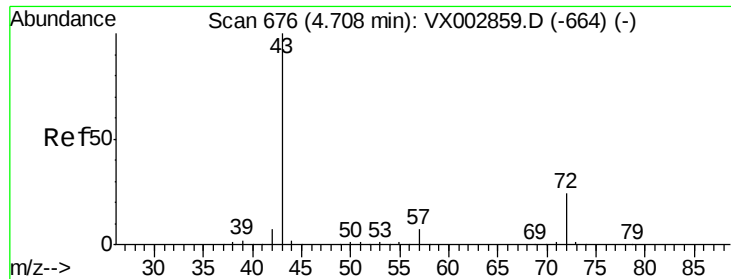
Tot Ion: 43 Resp: 23247
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1



#20
Methylene Chloride
Concen: 162.59 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

Tgt Ion: 84 Resp: 504714
Ion Ratio Lower Upper
84 100
49 123.8 107.8 161.6
51 37.6 32.8 49.2
86 64.2 52.5 78.7





#25

2-Butanone

Concen: 1.88 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

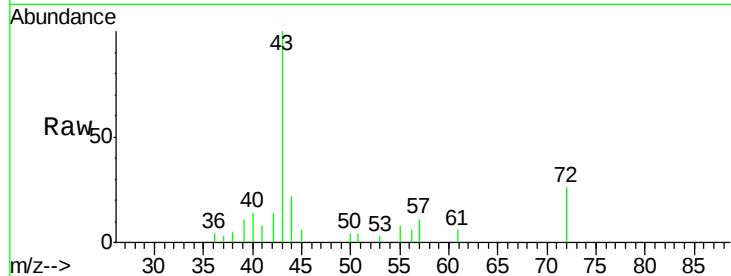
HC-SOIL-2

Tot Ion: 43 Resp: 4448

Ion Ratio Lower Upper

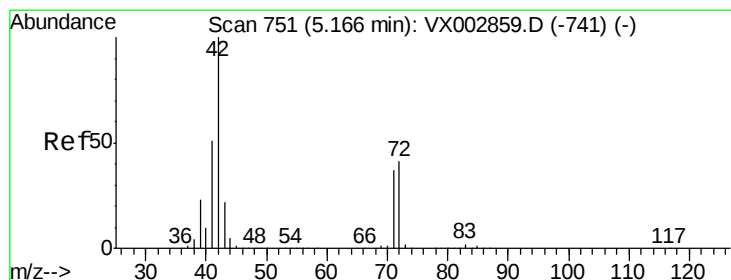
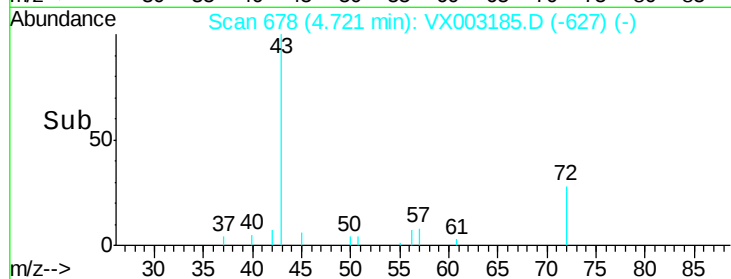
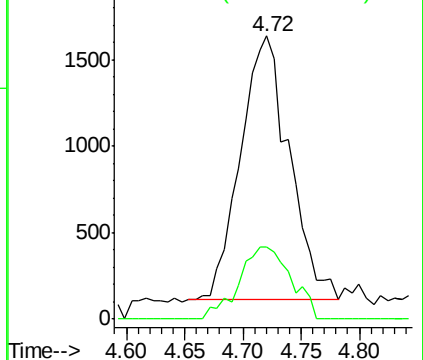
43 100

72 27.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 1.18 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

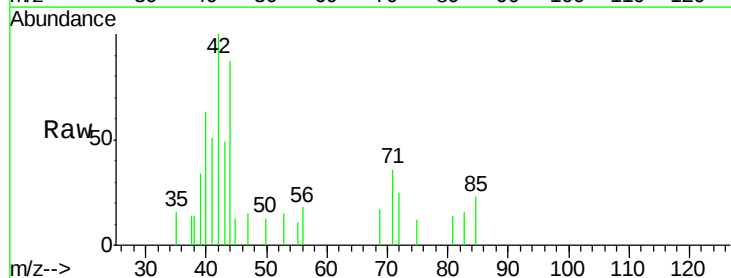
Tgt Ion: 42 Resp: 1790

Ion Ratio Lower Upper

42 100

72 32.8 32.0 48.0

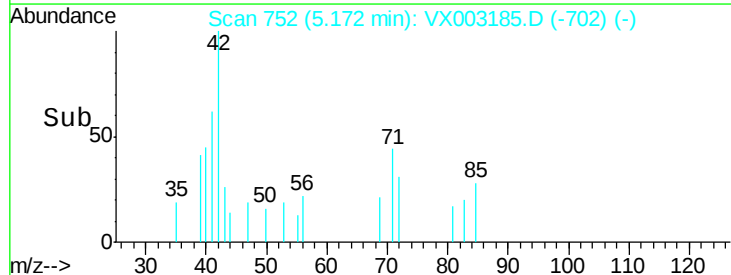
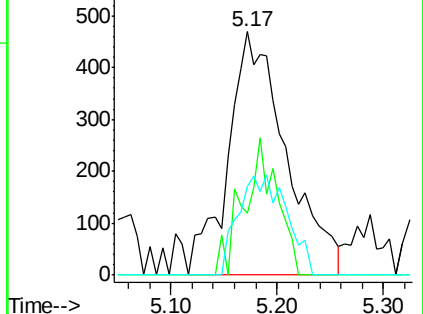
71 34.4 30.1 45.1

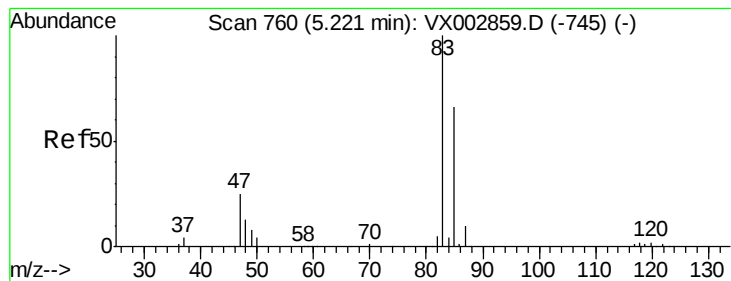


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 0.69 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

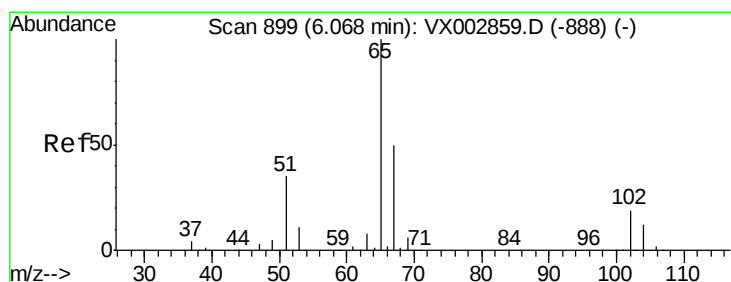
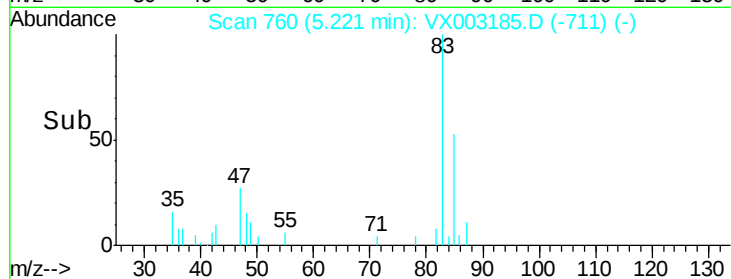
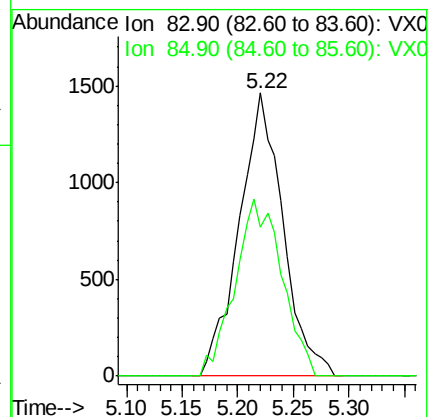
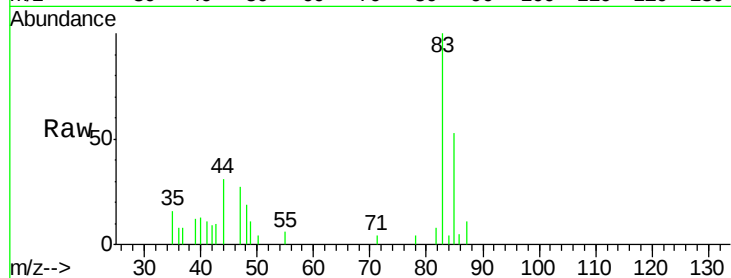
HC-SOIL-2

Tot Ion: 83 Resp: 3995

Ion Ratio Lower Upper

83 100

85 52.6 50.4 75.6



#33

1,2-Dichloroethane-d4

Concen: 46.76 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003185.D

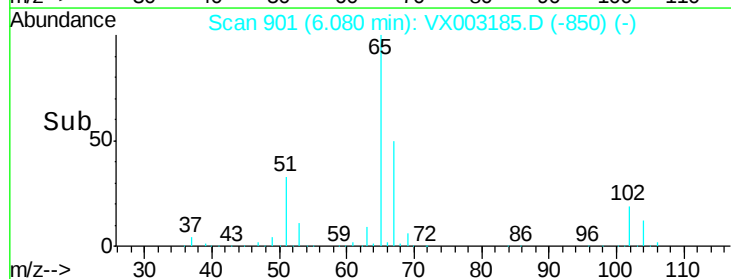
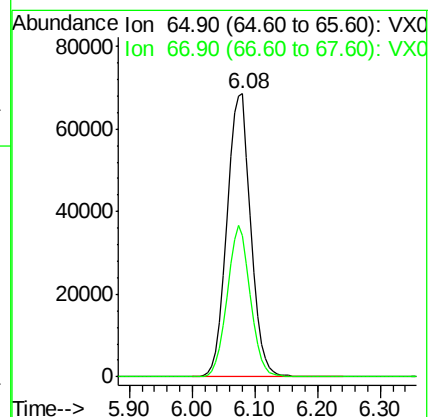
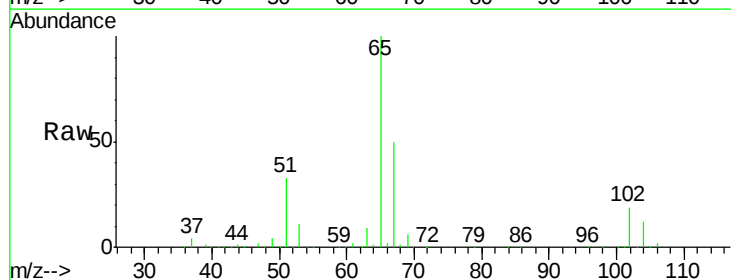
Acq: 05 Jul 2018 21:00

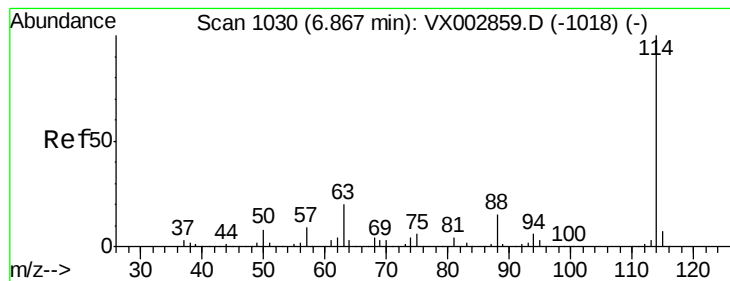
Tgt Ion: 65 Resp: 180138

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-2

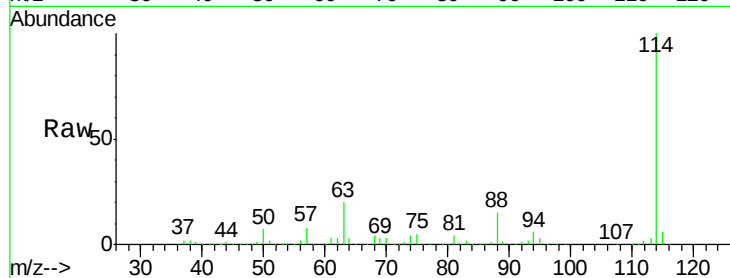
Tot Ion:114 Resp: 385717

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

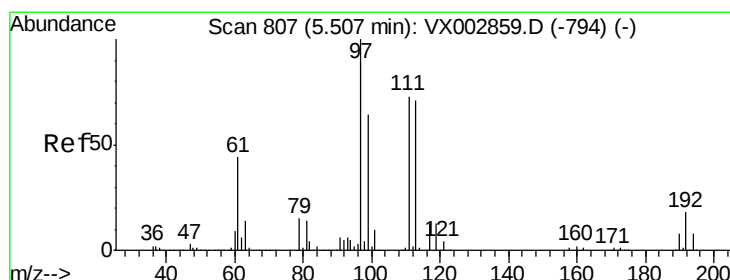
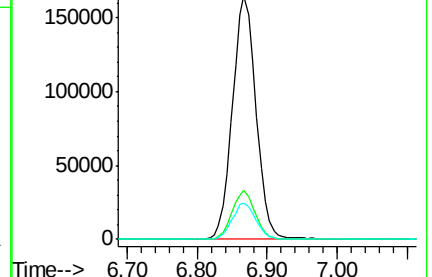
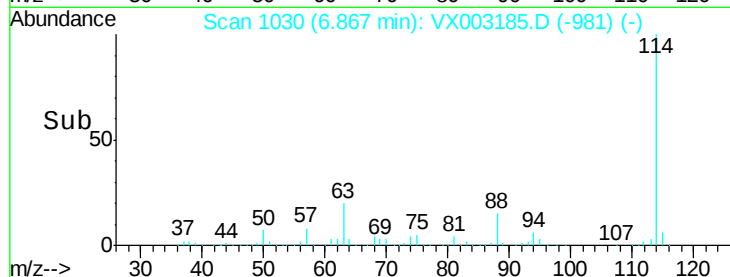
88 14.8 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

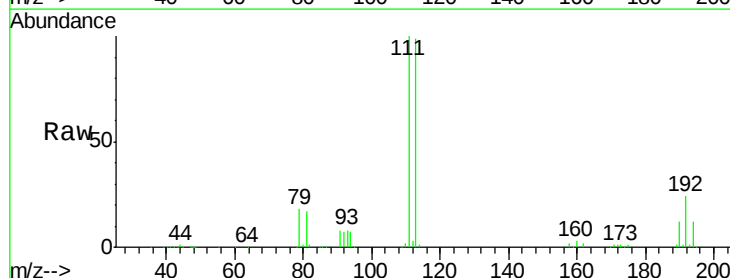
Tgt Ion:113 Resp: 147522

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

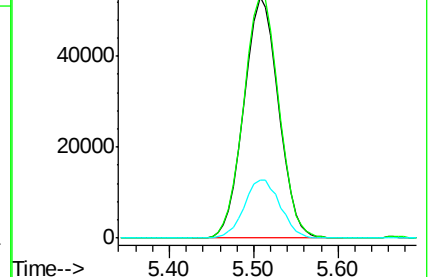
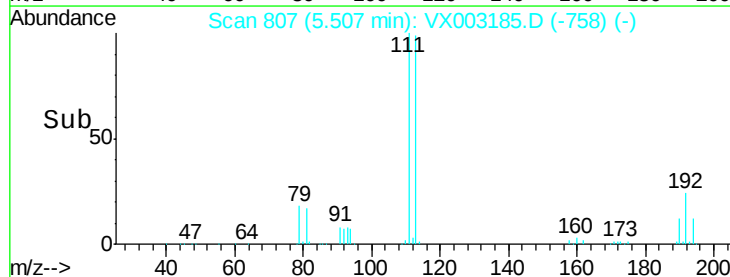
192 25.1 19.1 28.7

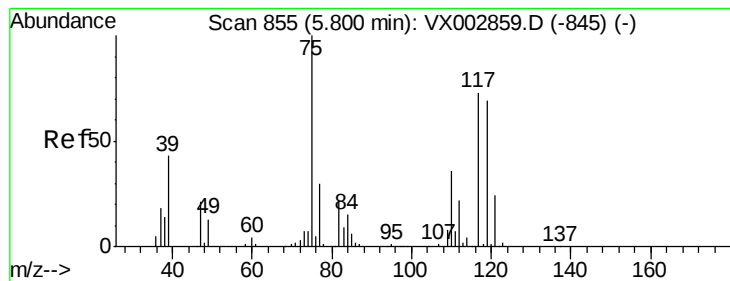


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.21 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-2

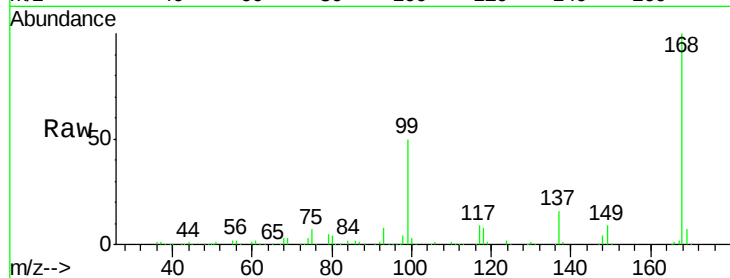
Tot Ion: 75 Resp: 17826

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

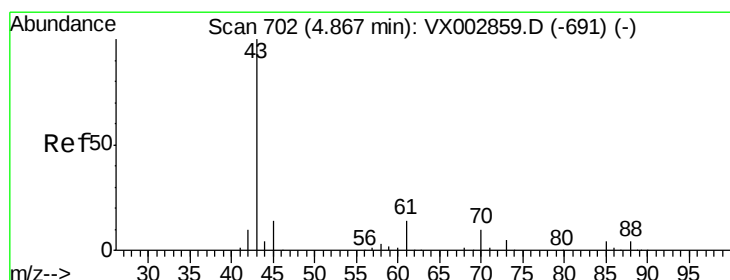
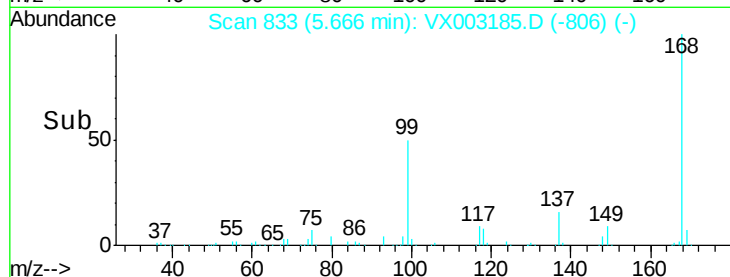
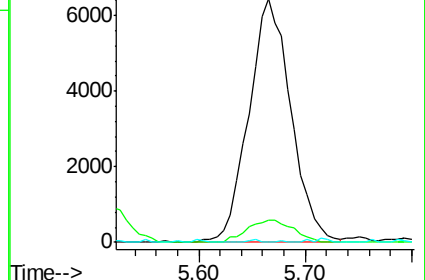
77 0.1 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 1.04 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.15 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

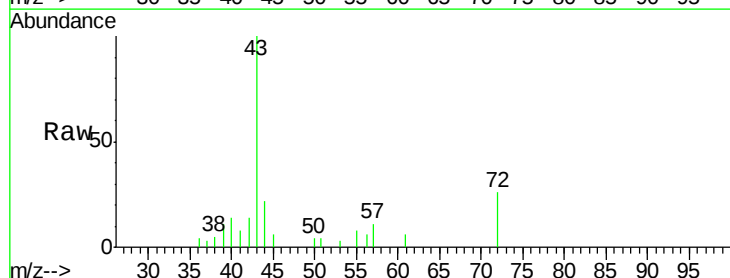
Tgt Ion: 43 Resp: 4748

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

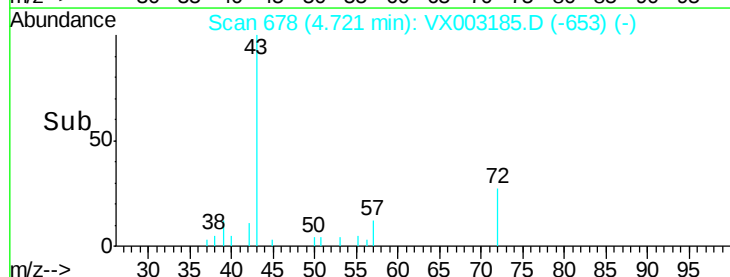
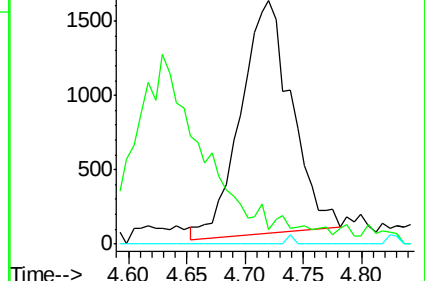
70 0.5 7.6 11.4#

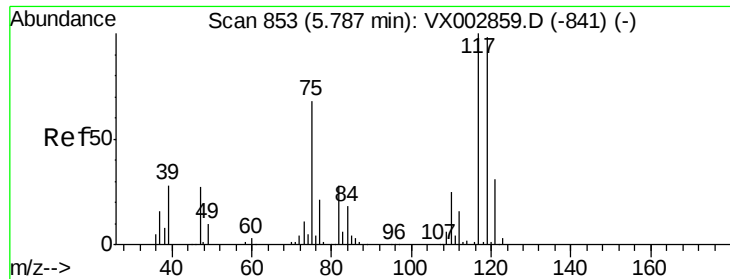


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.42 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-2

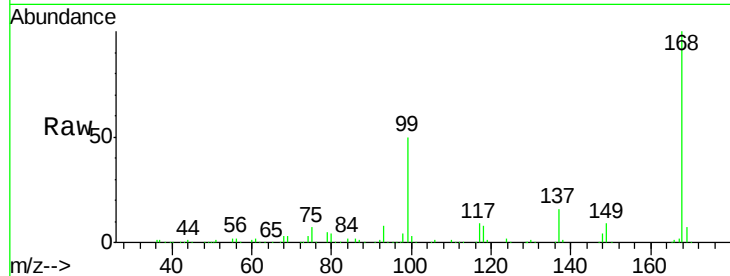
Tot Ion:117 Resp: 25163

Ion Ratio Lower Upper

117 100

119 6.3 77.4 116.0#

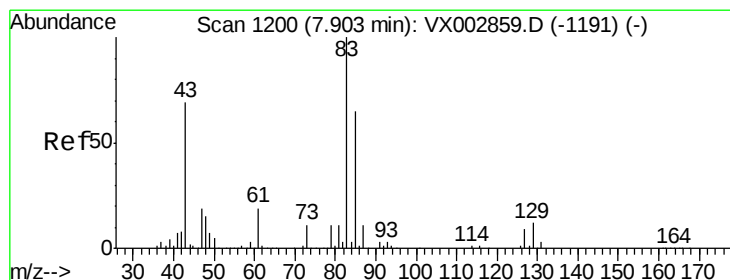
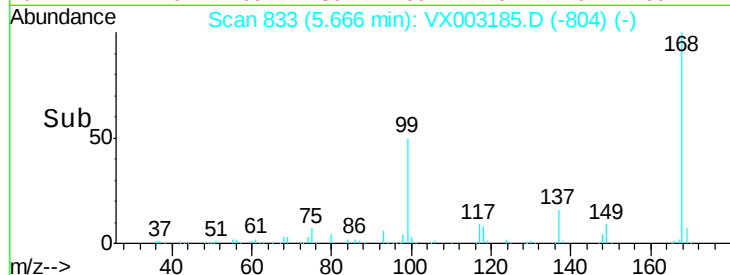
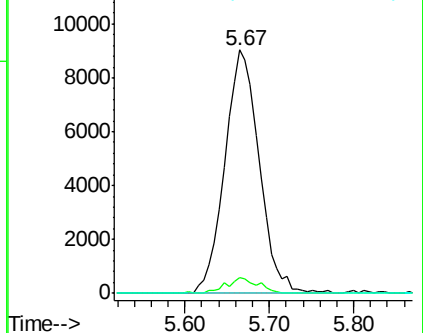
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#47

Bromodichloromethane

Concen: 0.32 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

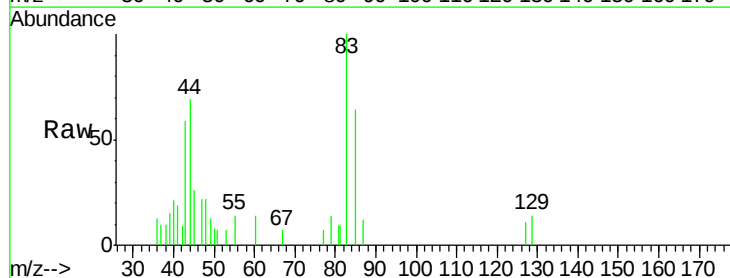
Tgt Ion: 83 Resp: 1341

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

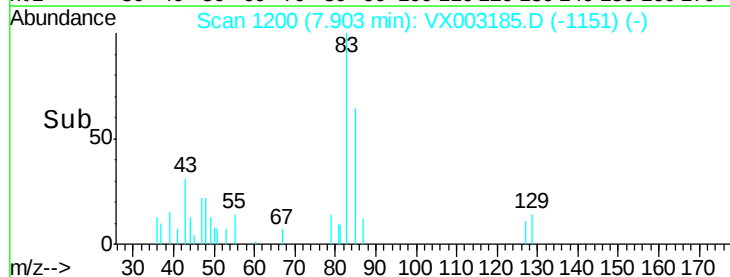
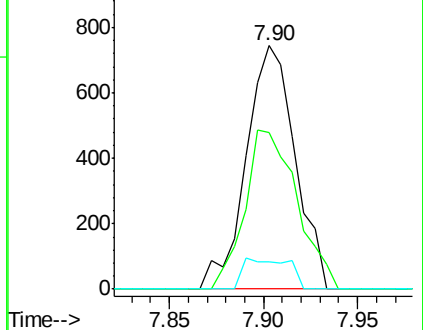
127 11.4 7.0 10.4#

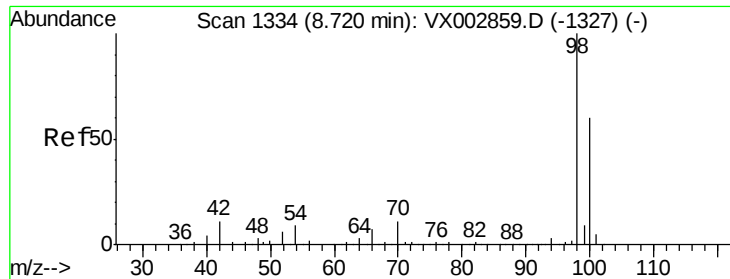


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

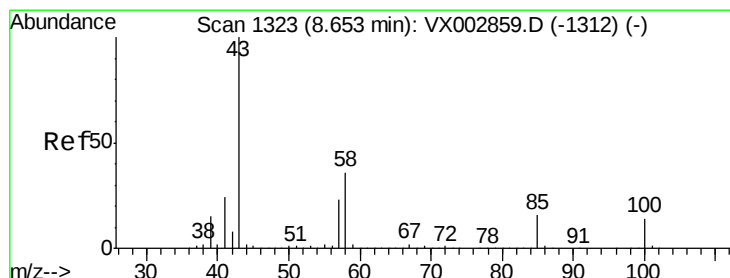
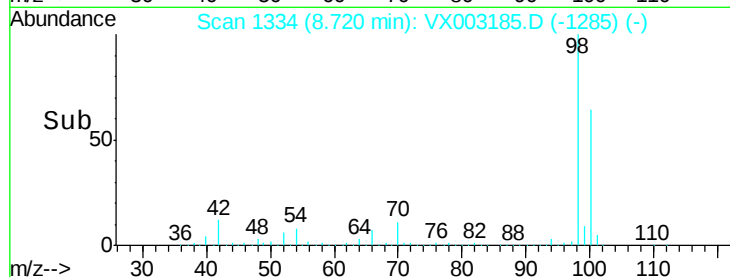
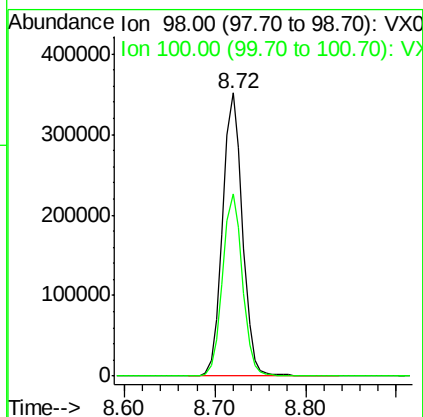
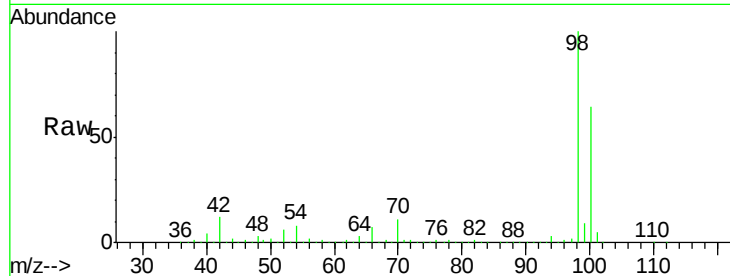




#50
Toluene-d8
Concen: 48.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

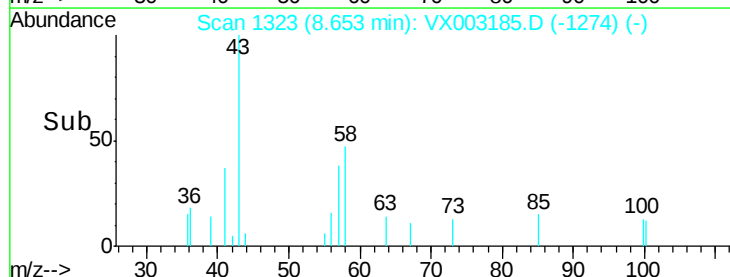
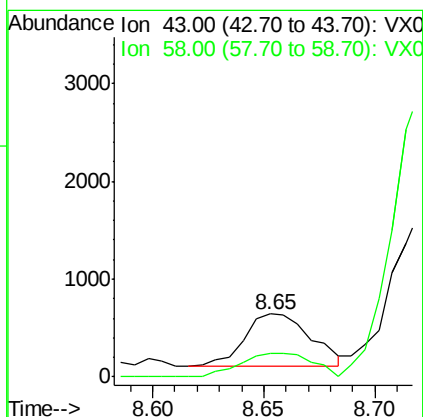
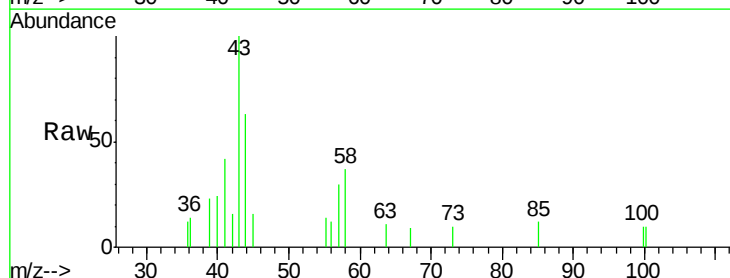
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-2

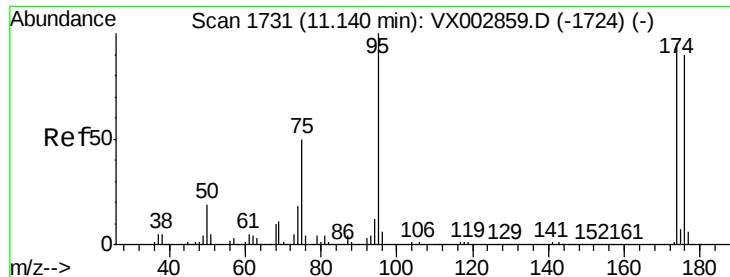
Tot Ion: 98 Resp: 538875
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 49.0 28.6 42.8#

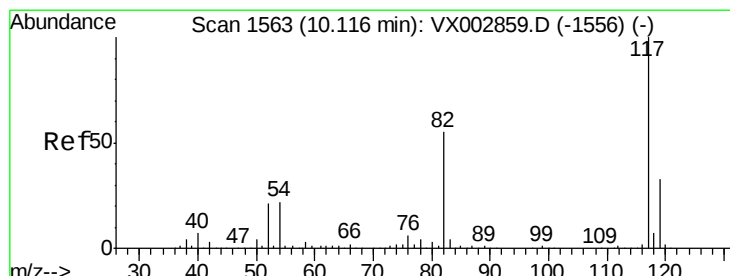
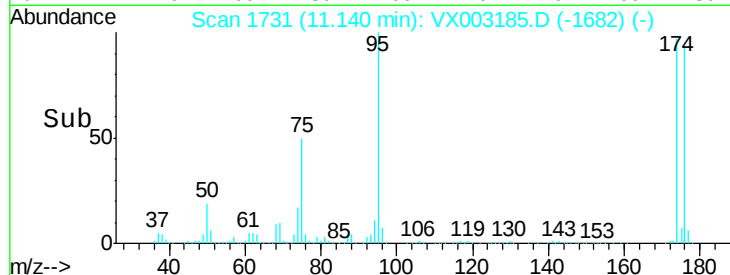
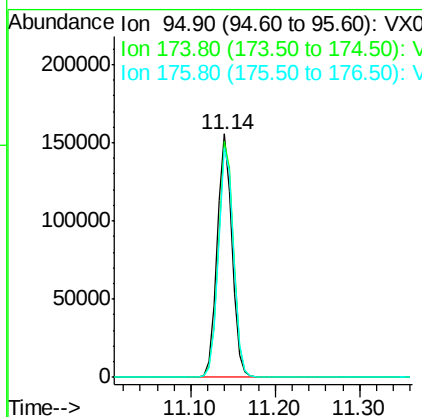
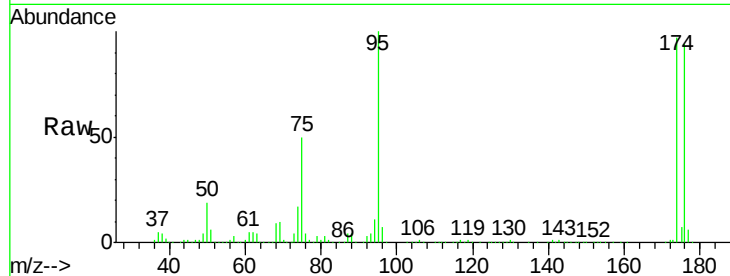




#62
4-Bromofluorobenzene
Concen: 44.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

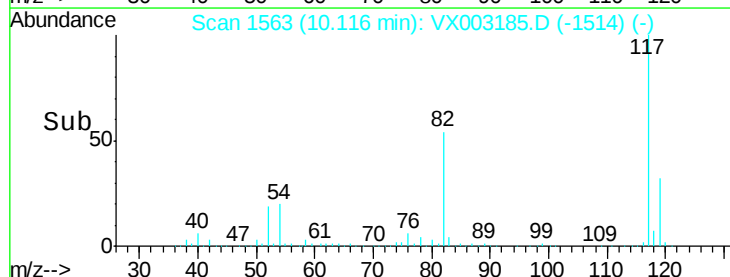
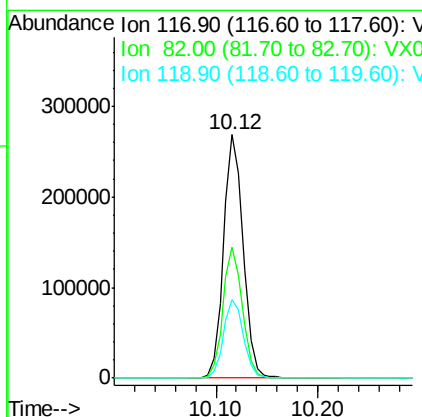
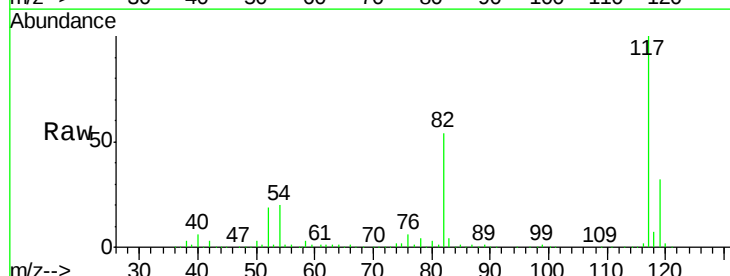
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-2

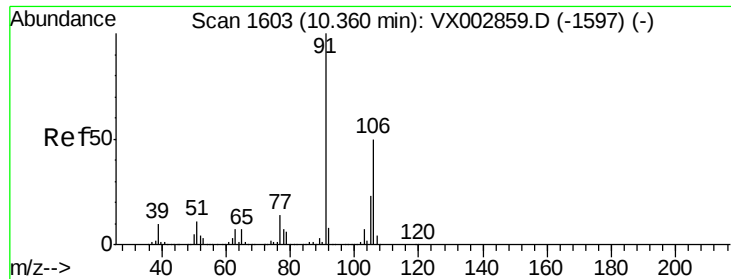
Tot Ion: 95 Resp: 190399
Ion Ratio Lower Upper
95 100
174 99.0 0.0 187.4
176 96.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

Tgt Ion: 117 Resp: 358263
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.4 25.8 38.6

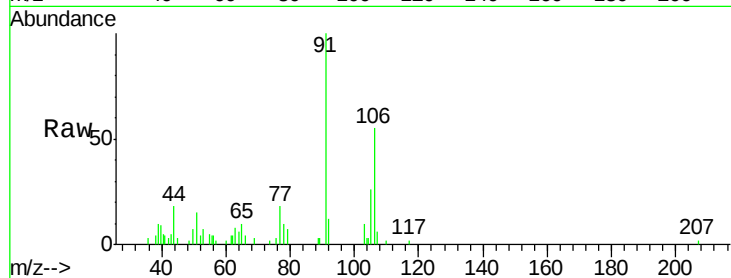




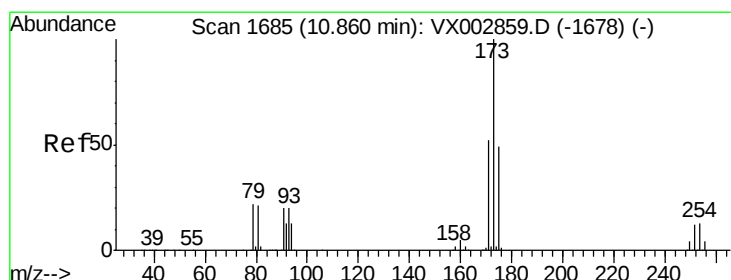
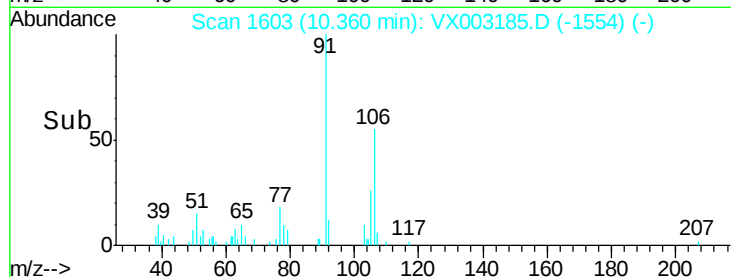
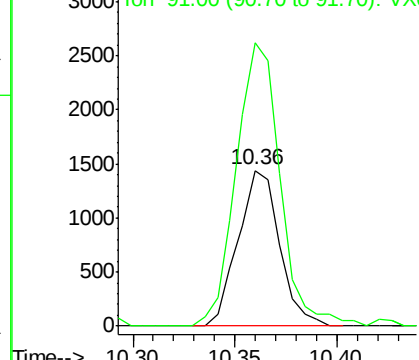
#68
m/p-Xvlenes
Concen: 0.35 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-2

Tot Ion:106 Resp: 2028
Ion Ratio Lower Upper
106 100
91 193.3 163.4 245.2

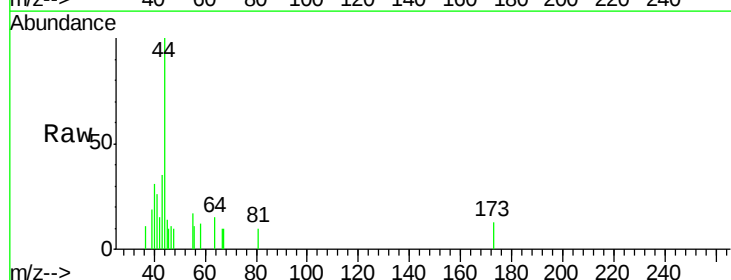


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

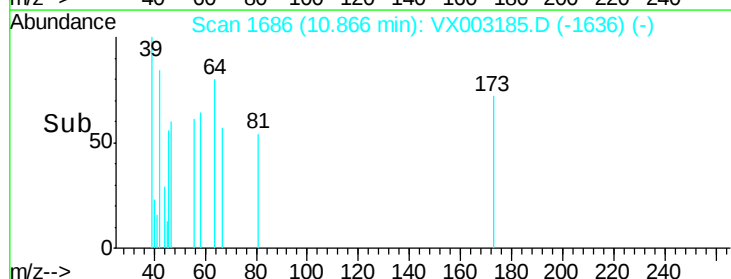
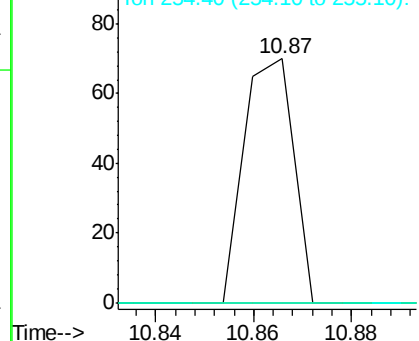


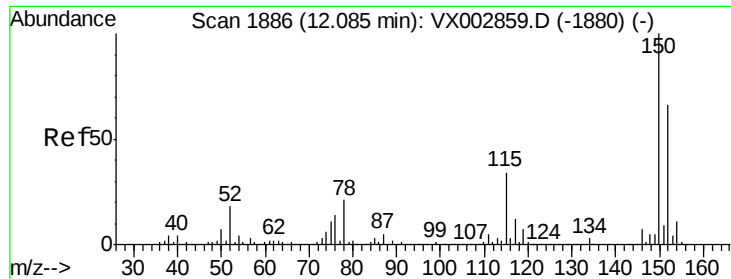
#71
Bromoform
Concen: 3.92 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX003185.D
Acq: 05 Jul 2018 21:00

Tgt Ion:173 Resp: 49
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
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: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-2

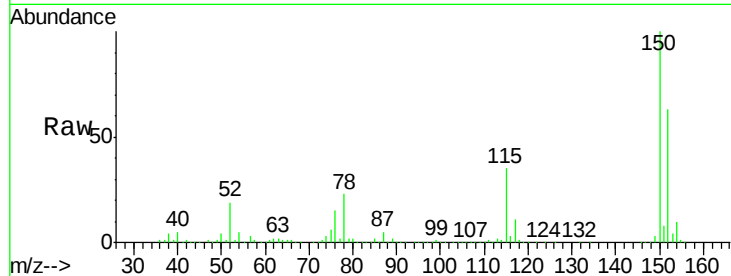
Tot Ion:152 Resp: 206689

Ion Ratio Lower Upper

152 100

115 53.5 40.1 120.2

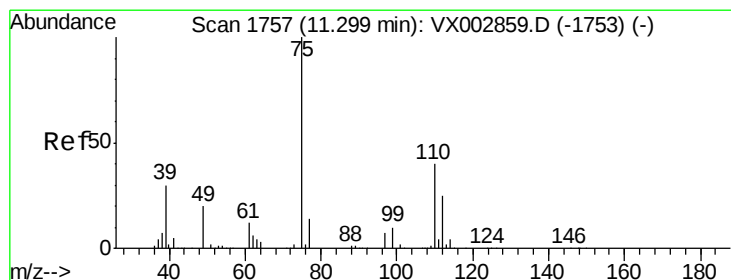
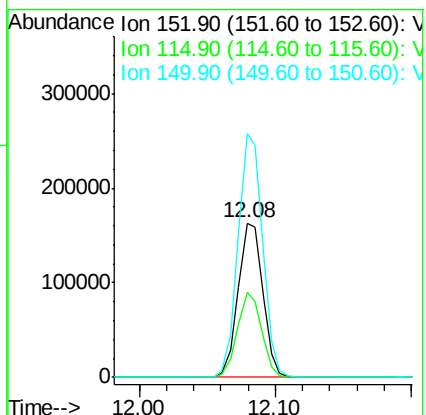
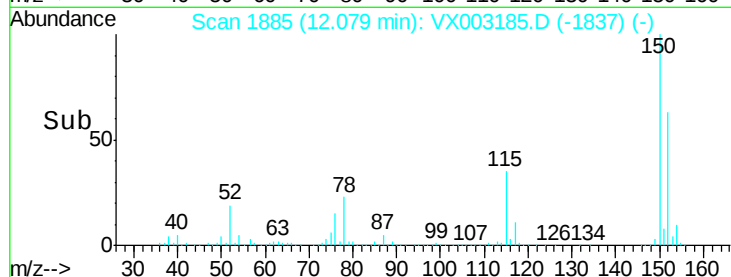
150 156.3 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 25.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003185.D

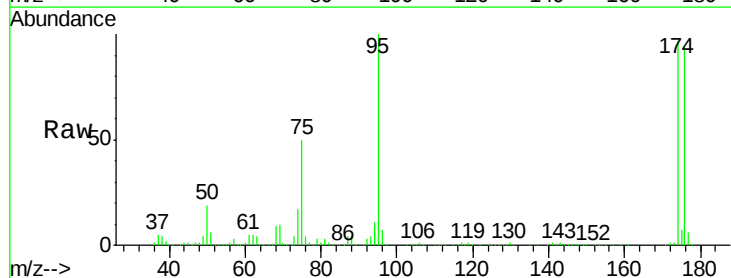
Acq: 05 Jul 2018 21:00

Tgt Ion: 75 Resp: 96129

Ion Ratio Lower Upper

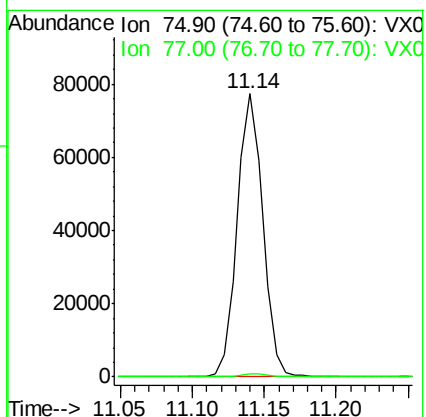
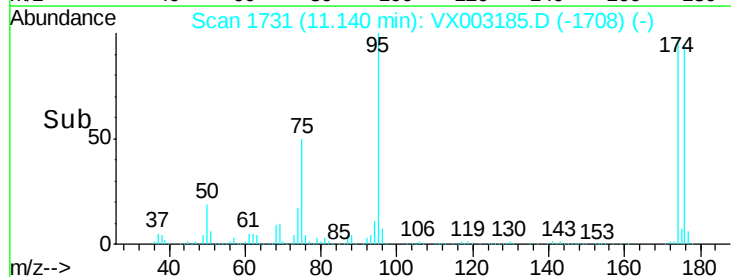
75 100

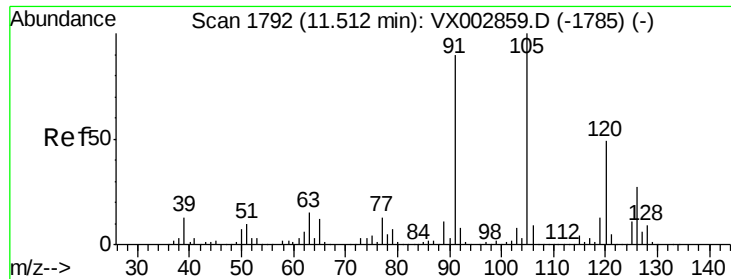
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

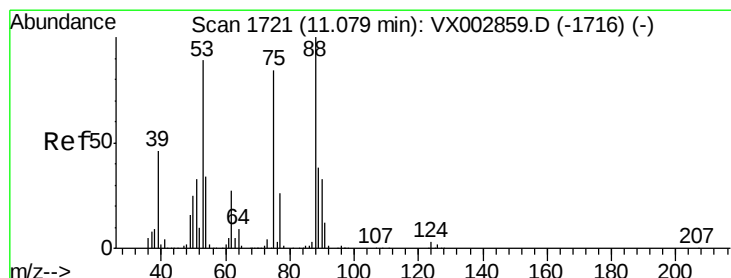
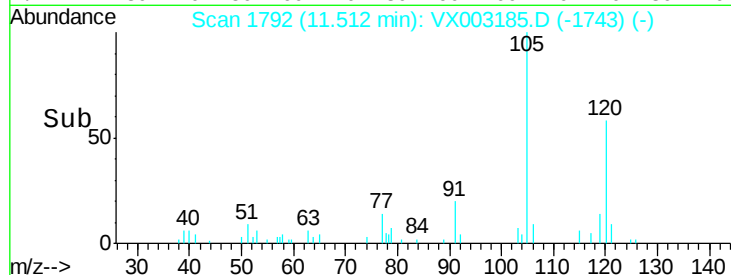
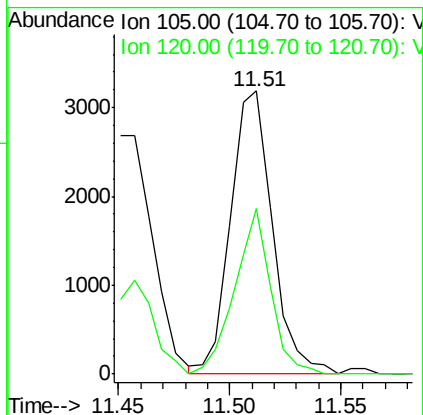
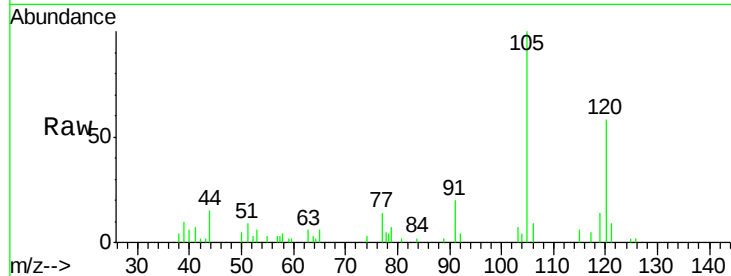




#80
 1,3,5-Trimethylbenzene
 Concen: 0.36 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003185.D
 Acq: 05 Jul 2018 21:00

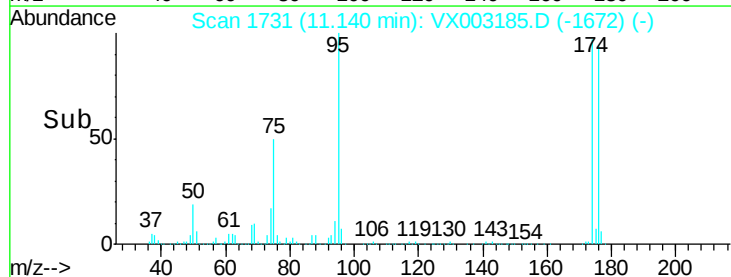
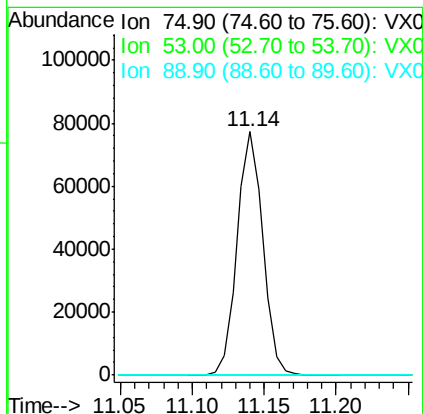
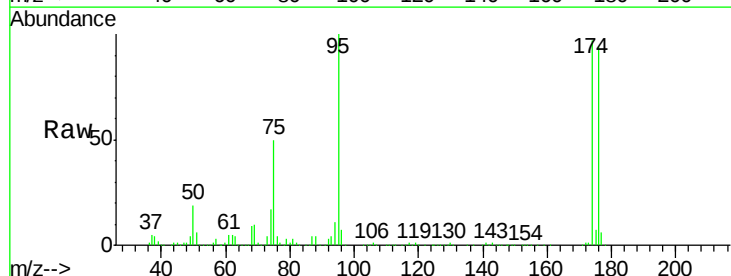
Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-2

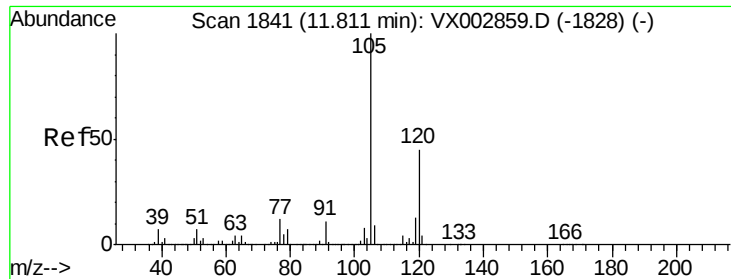
Tot Ion:105 Resp: 4168
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.85 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003185.D
 Acq: 05 Jul 2018 21:00

Tgt Ion: 75 Resp: 96129
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.8 130.2#
 89 0.1 38.2 57.2#





#84

1,2,4-Trimethylbenzene

Concen: 1.42 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

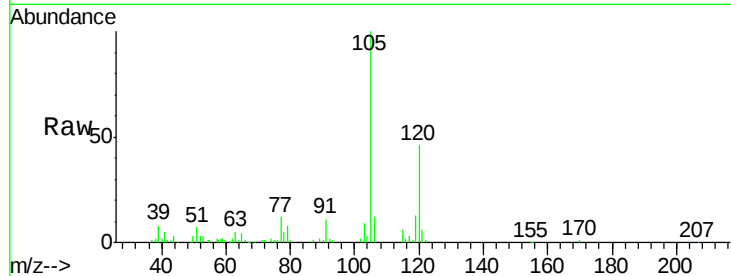
HC-SOIL-2

Tot Ion:105 Resp: 17260

Ion Ratio Lower Upper

105 100

120 45.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

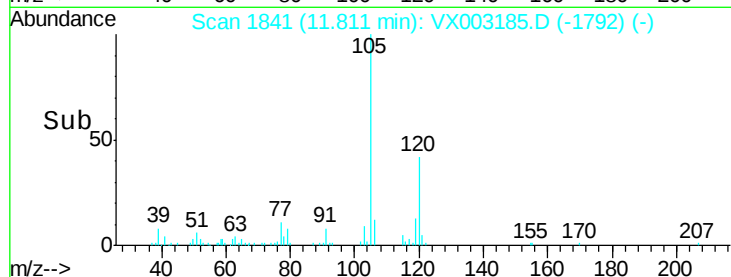
15000

11000

5000

0

Time-->



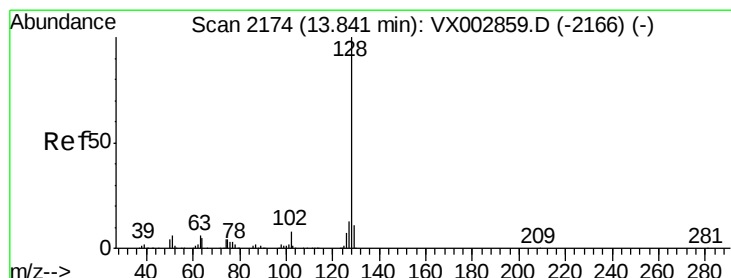
15000

11000

5000

0

Time-->



#95

Naphthalene

Concen: 7.28 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003185.D

Acq: 05 Jul 2018 21:00

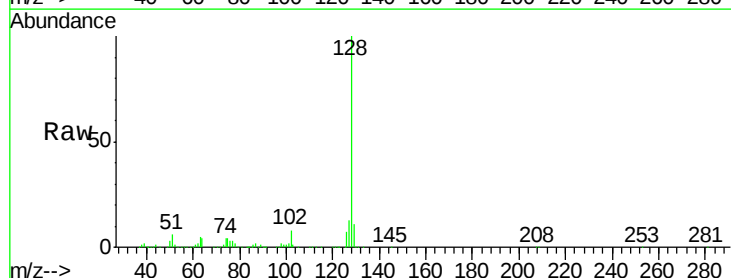
Tgt Ion:128 Resp: 102944

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

100000

80000

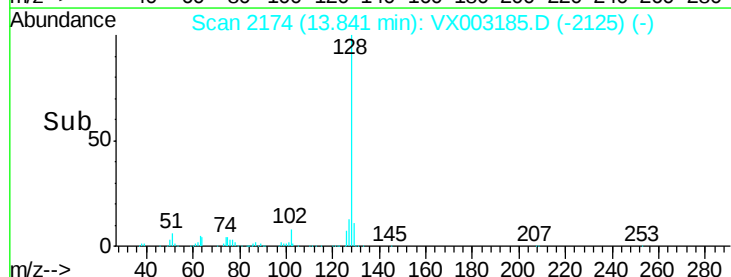
60000

40000

20000

0

Time-->



100000

80000

60000

40000

20000

0

Time-->