

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004941.D
 Acq On : 03 Oct 2018 01:16
 Operator : JC/MD
 Sample : J5170-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-4

Quant Time: Oct 03 04:47:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207021	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	341698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	164451	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
35) Dibromofluoromethane	5.50	113	136398	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
50) Toluene-d8	8.72	98	496146	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.14	95	175661	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	822	0.240	ug/l #	82
6) Chloroethane	1.71	64	20	Below Cal	#	1
8) Diethyl Ether	2.18	74	402	0.233	ug/l	93
11) Tert butyl alcohol	3.02	59	3748	4.533	ug/l #	76
13) Acrolein	2.30	56	176	0.299	ug/l #	67
14) Allyl chloride	2.85	41	59094	12.074	ug/l #	32
16) Acetone	2.45	43	26948	15.608	ug/l	95
18) Methyl Acetate	2.78	43	9033	2.065	ug/l	100
20) Methylene Chloride	2.85	84	1272445	514.690	ug/l	88
25) 2-Butanone	4.70	43	6940	2.727	ug/l	97
29) Tetrahydrofuran	5.17	42	1966	1.243	ug/l	94
30) Chloroform	5.21	83	4022	0.866	ug/l	94
31) Cyclohexane	5.66	56	3846	1.022	ug/l #	13
36) 1,1-Dichloropropene	5.66	75	14481	3.665	ug/l #	45
37) Ethyl Acetate	4.70	43	6940	1.323	ug/l #	69
38) Carbon Tetrachloride	5.67	117	19189	4.620	ug/l #	18
43) Isopropyl Acetate	6.46	43	166616	22.010	ug/l	97
47) Bromodichloromethane	7.90	83	1305	0.366	ug/l #	89
48) Methyl methacrylate	7.69	41	7599	2.212	ug/l #	24
51) 4-Methyl-2-Pentanone	8.62	43	2425	0.509	ug/l #	55
52) Toluene	8.79	92	1873	0.276	ug/l	92
54) cis-1,3-Dichloropropene	8.62	75	1020	0.241	ug/l #	67
56) Ethyl methacrylate	9.07	69	110	2.884	ug/l #	22
59) 2-Hexanone	9.55	43	9241	2.327	ug/l #	60
68) m/p-Xylenes	10.35	106	1268	0.236	ug/l	98
70) Styrene	10.72	104	426	2.185	ug/l #	84
74) N-amyl acetate	10.91	43	117	1.765	ug/l #	46
76) 1,2,3-Trichloropropane	11.14	75	88339	21.242	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1713	Below Cal		99
81) trans-1,4-Dichloro-2-buten	11.14	75	88339	57.618	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	4405	0.201	ug/l	98
95) Naphthalene	13.83	128	432591	28.345	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

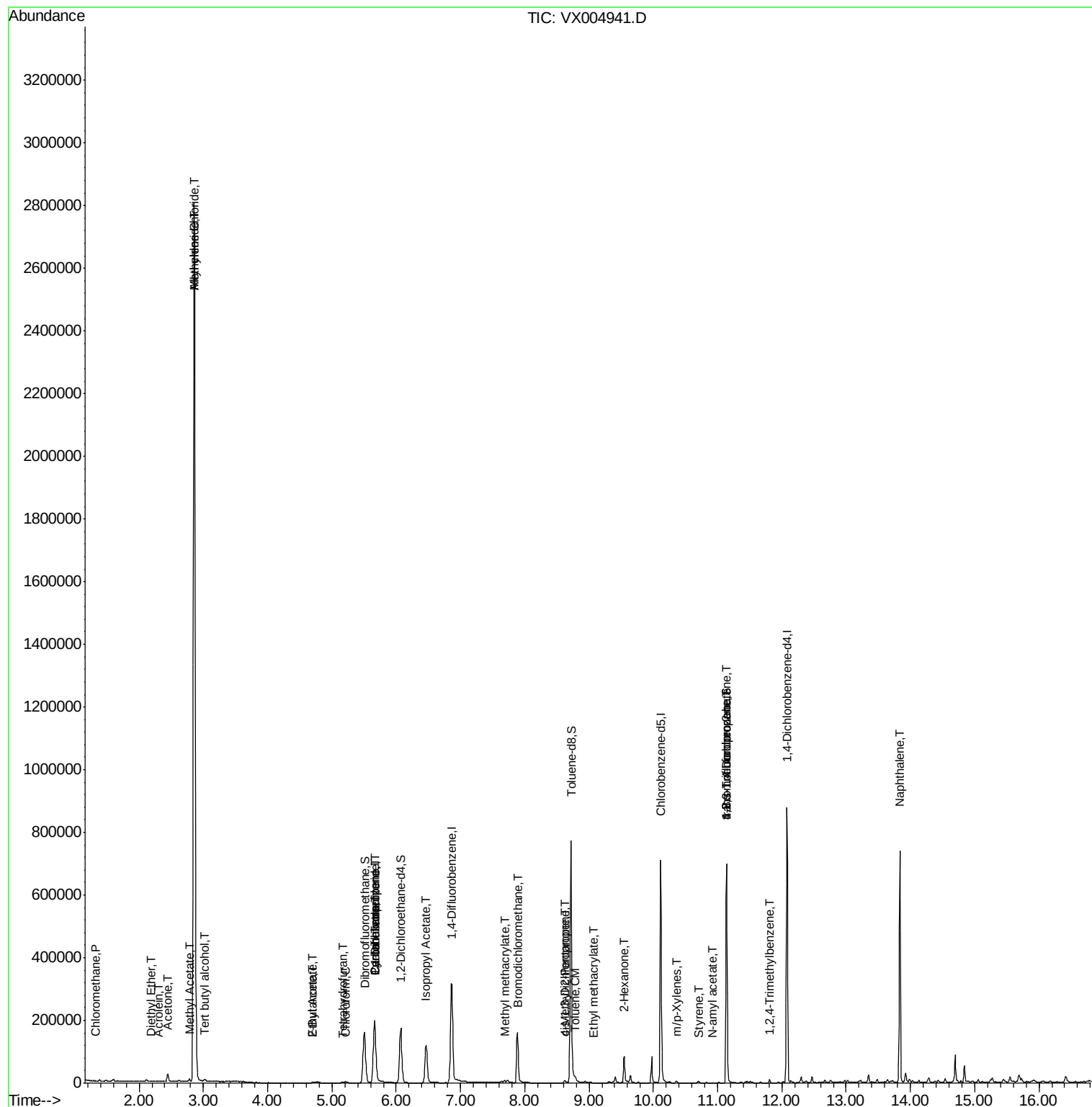
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

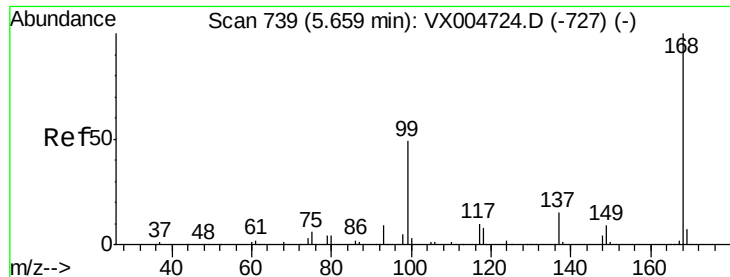
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampleId :

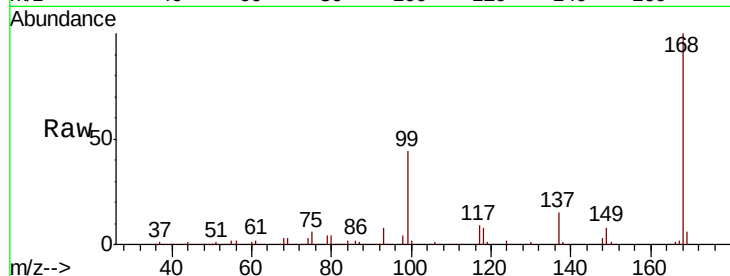
HC-SOIL-4

Tot Ion:168 Resp: 207021

Ion Ratio Lower Upper

168 100

99 44.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

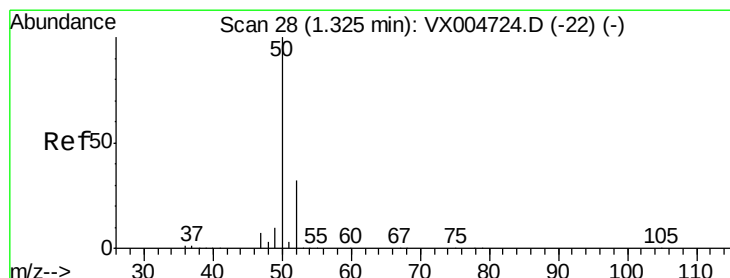
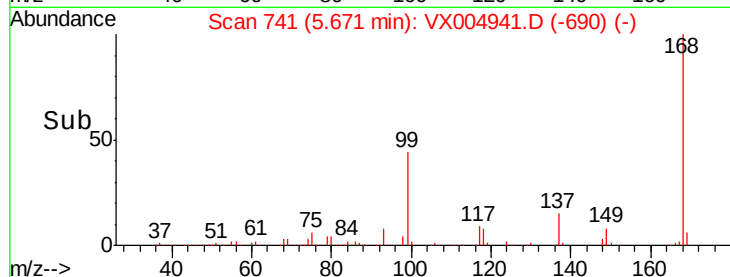
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.240 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004941.D

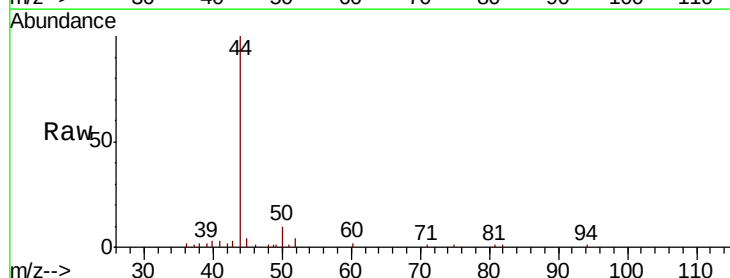
Acq: 03 Oct 2018 01:16

Tgt Ion: 50 Resp: 822

Ion Ratio Lower Upper

50 100

52 42.5 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

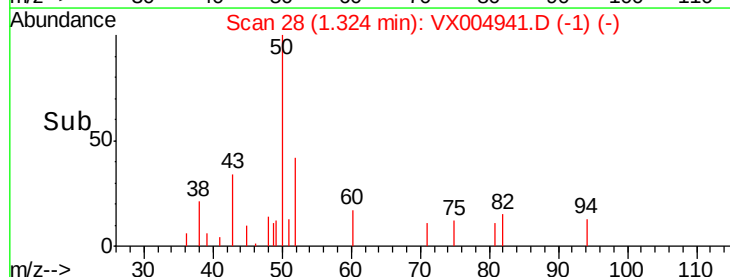
300

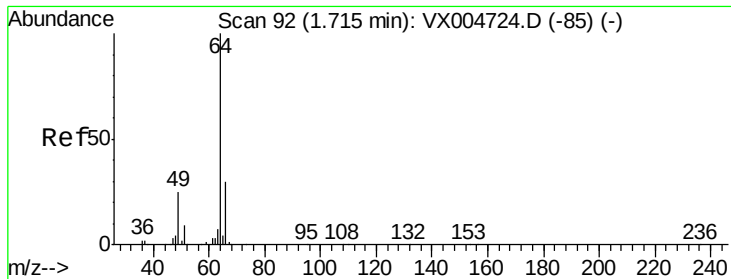
200

100

0

Time--> 1.30 1.35





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampled :

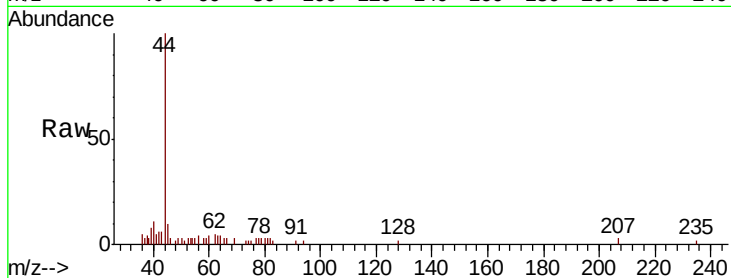
HC-SOIL-4

Tot Ion: 64 Resp: 20

Ion Ratio Lower Upper

64 100

66 169.2 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

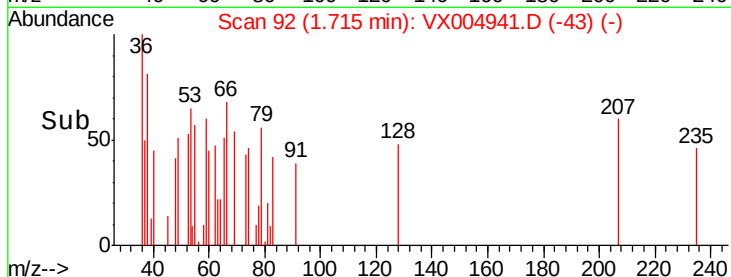
Ion 65.90 (65.60 to 66.60): VX0

1.71

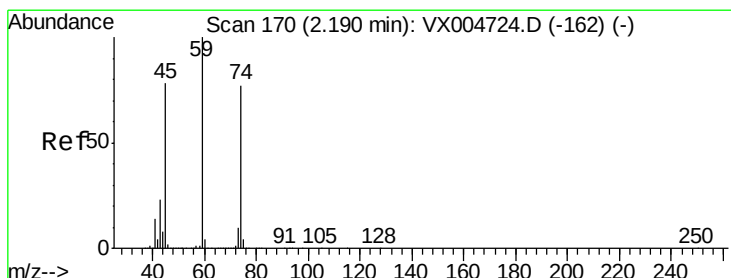
1.71

1.72

1.73



Time-->



#8

Diethyl Ether

Concen: 0.233 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX004941.D

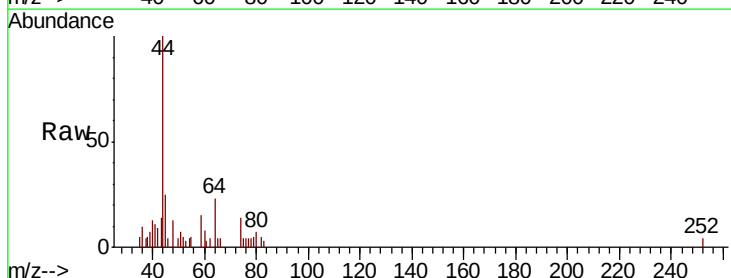
Acq: 03 Oct 2018 01:16

Tgt Ion: 74 Resp: 402

Ion Ratio Lower Upper

74 100

45 98.0 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1500

1000

500

0

2.15

2.20

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

2.18

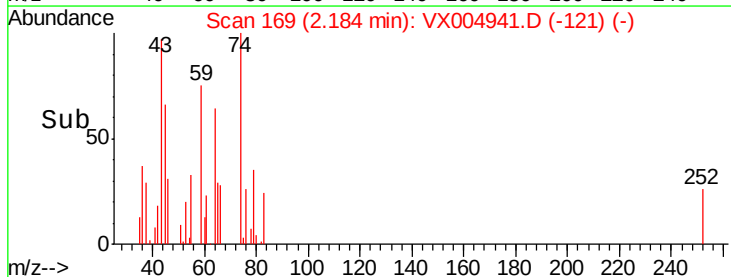
2.18

2.18

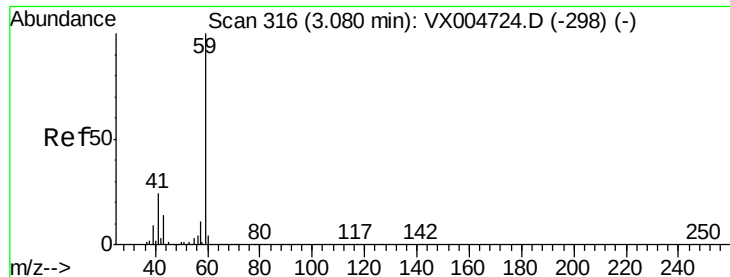
2.18

2.18

2.18



Time-->



#11

Tert butyl alcohol

Concen: 4.533 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampled :

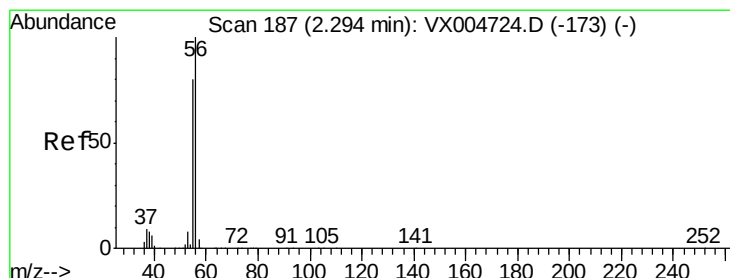
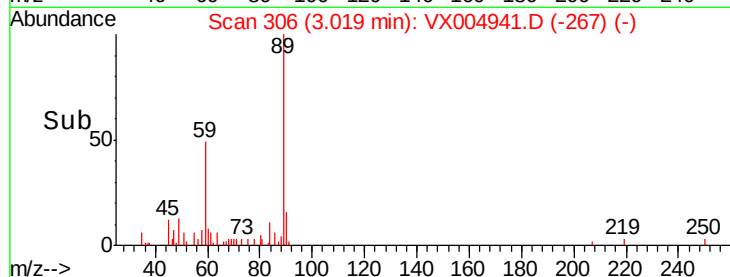
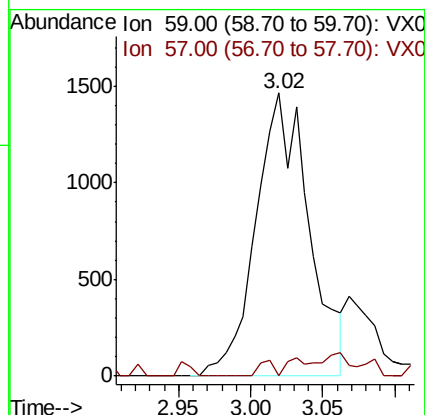
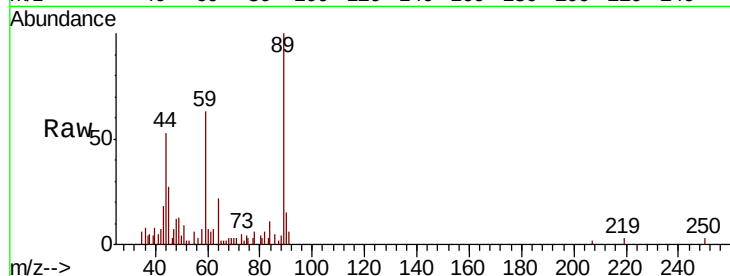
HC-SOIL-4

Tot Ion: 59 Resp: 3748

Ion Ratio Lower Upper

59 100

57 1.5 8.6 12.8#



#13

Acrolein

Concen: 0.299 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX004941.D

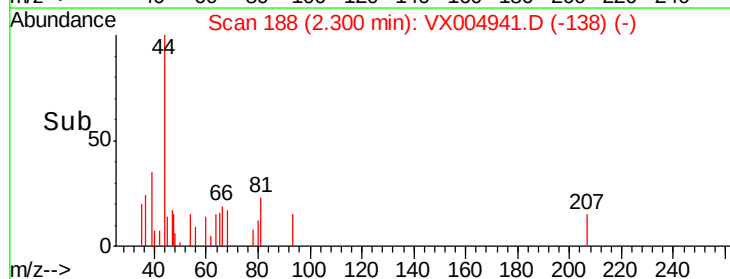
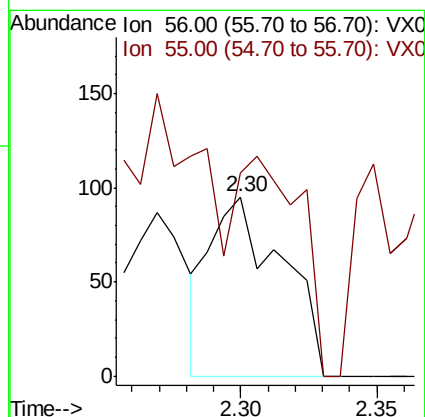
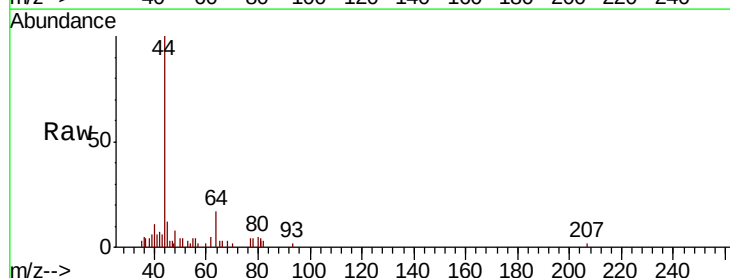
Acq: 03 Oct 2018 01:16

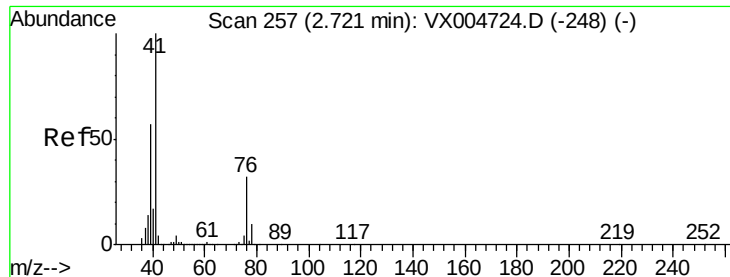
Tgt Ion: 56 Resp: 176

Ion Ratio Lower Upper

56 100

55 108.0 63.4 95.2#

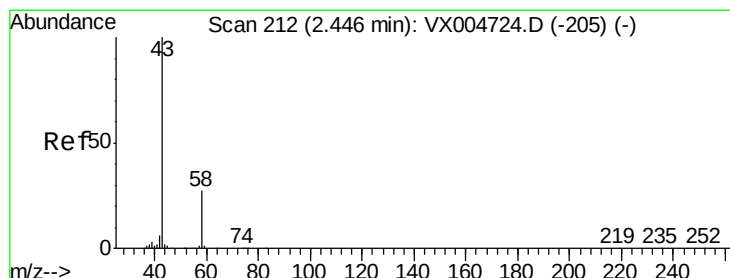
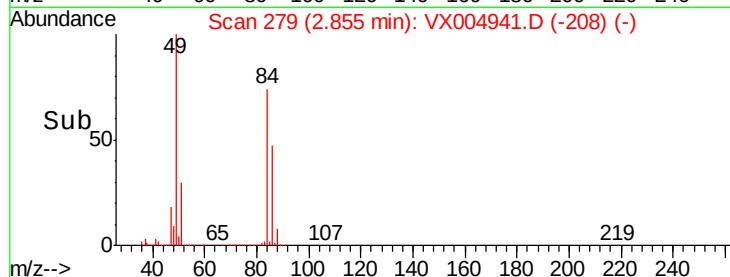
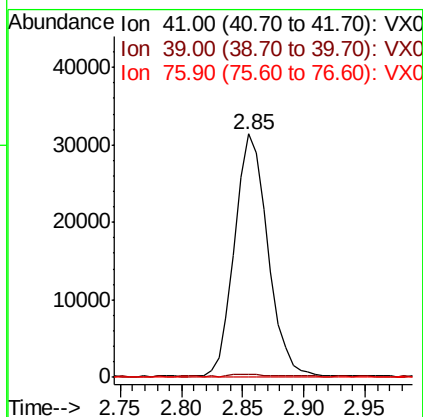
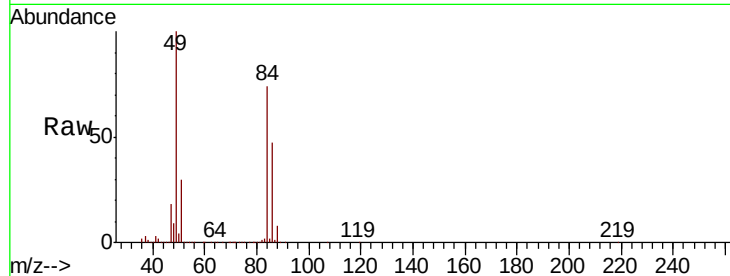




#14
Allvl chloride
Concen: 12.074 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

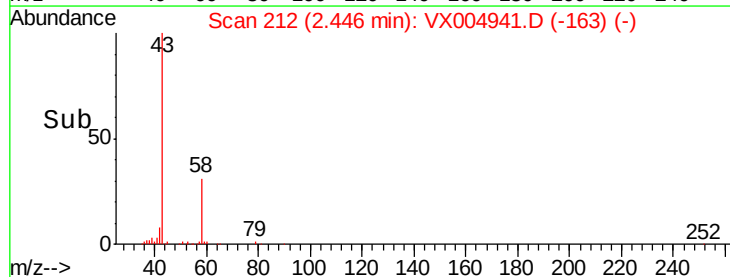
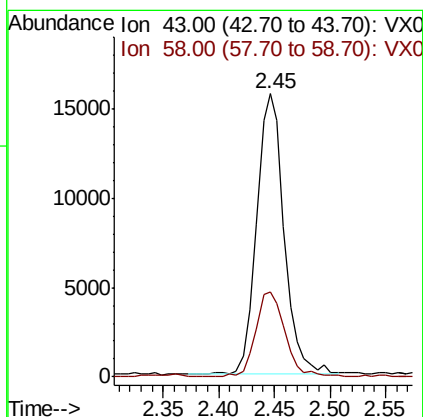
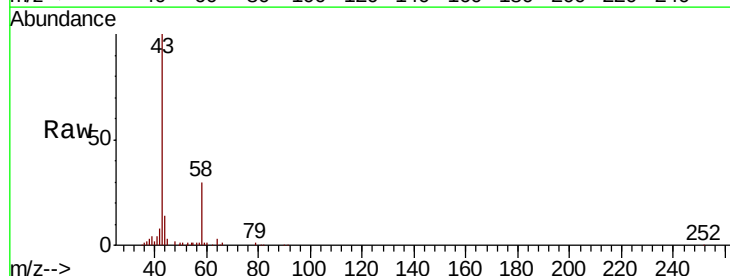
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-4

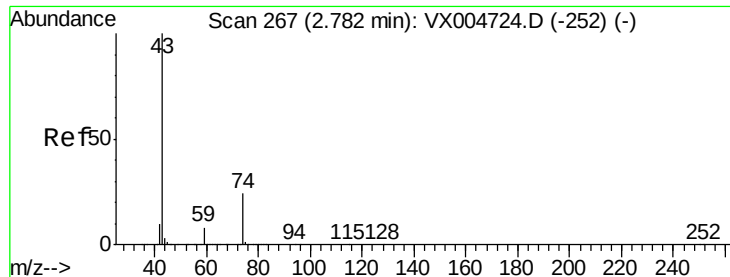
Tot Ion: 41 Resp: 59094
Ion Ratio Lower Upper
41 100
39 1.2 44.1 66.1#
76 0.0 25.0 37.4#



#16
Acetone
Concen: 15.608 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion: 43 Resp: 26948
Ion Ratio Lower Upper
43 100
58 30.0 21.8 32.6

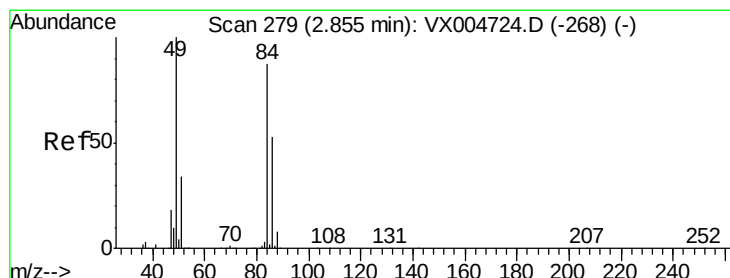
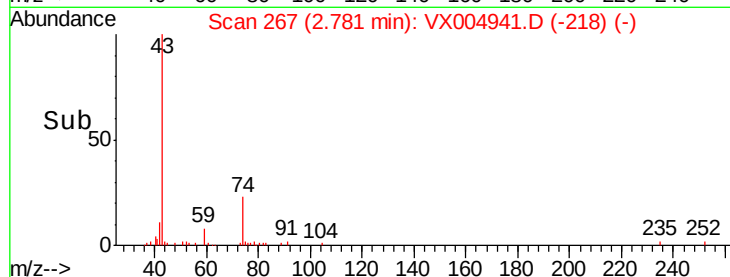
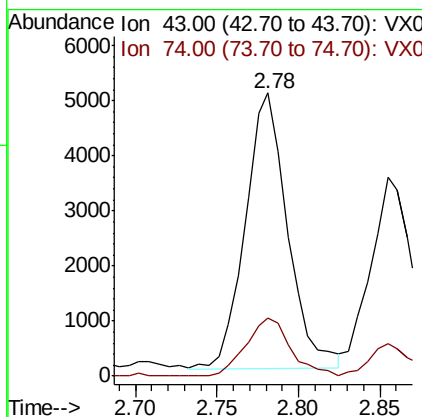
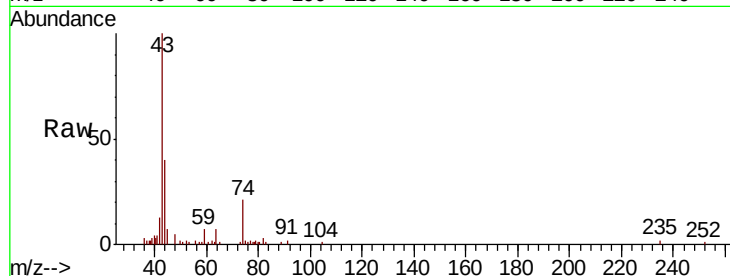




#18
Methvl Acetate
Concen: 2.065 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

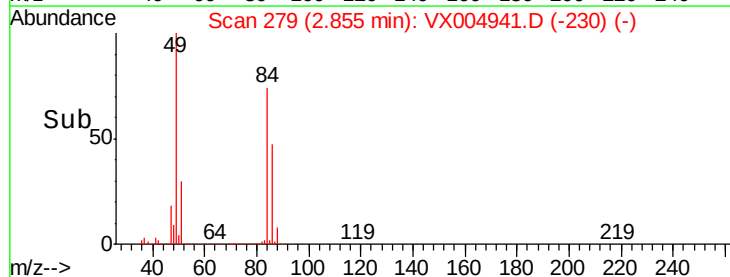
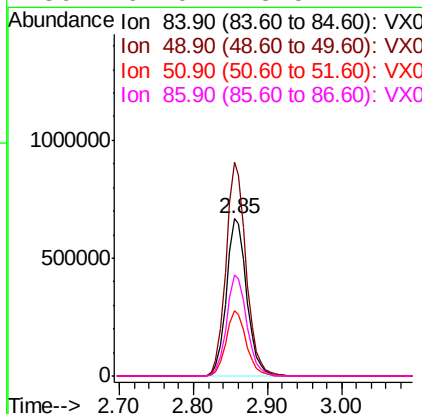
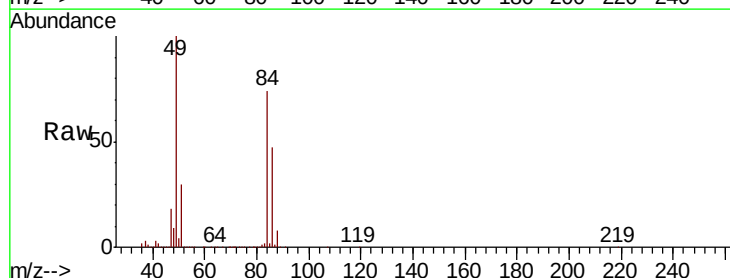
Instrument :
MSVOA_X
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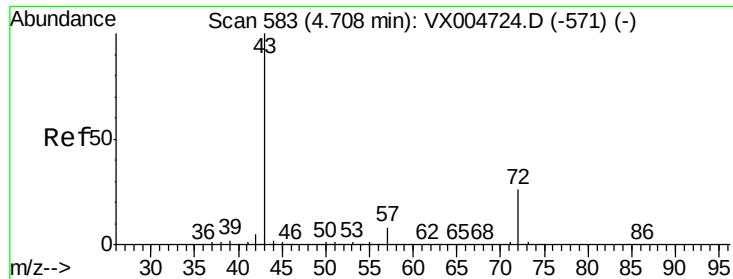
Tot Ion: 43 Resp: 9033
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 514.690 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion: 84 Resp: 1272445
Ion Ratio Lower Upper
84 100
49 135.7 92.3 138.5
51 41.3 31.8 47.6
86 64.0 48.5 72.7

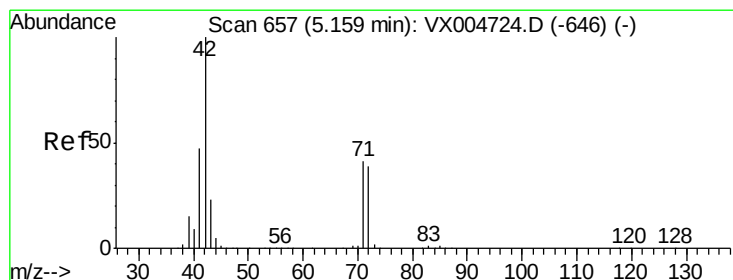
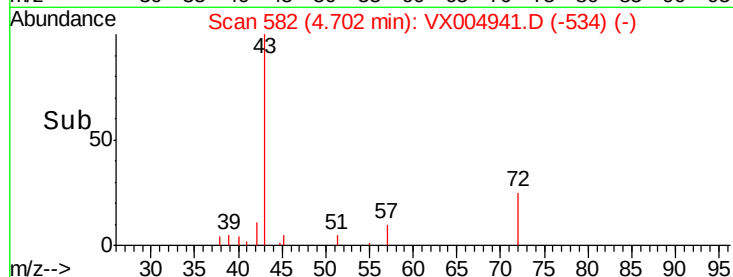
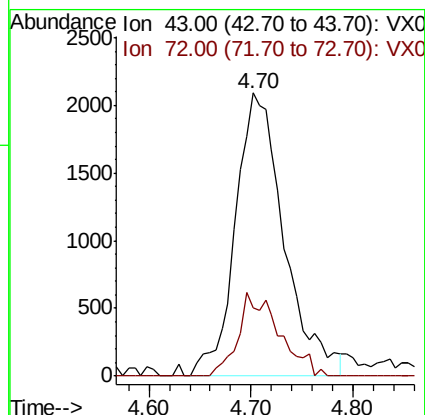
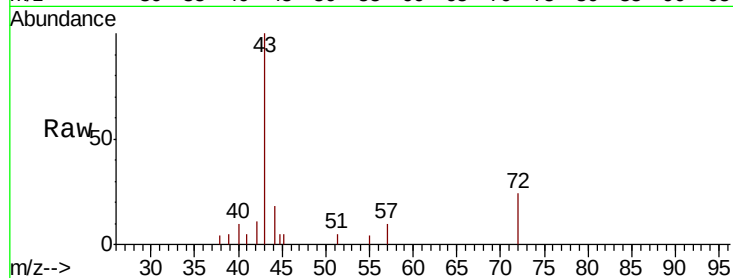




#25
2-Butanone
Concen: 2.727 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

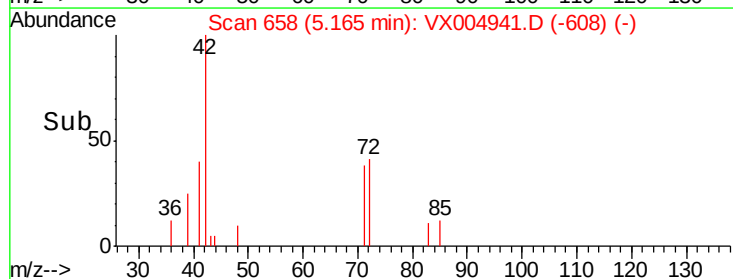
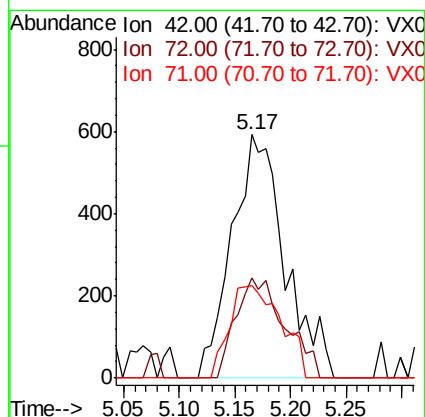
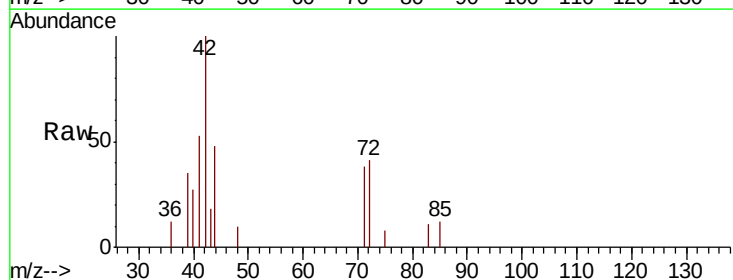
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-4

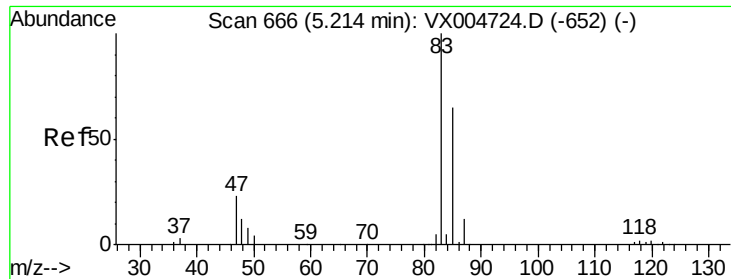
Tot Ion: 43 Resp: 6940
Ion Ratio Lower Upper
43 100
72 24.3 20.8 31.2



#29
Tetrahydrofuran
Concen: 1.243 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion: 42 Resp: 1966
Ion Ratio Lower Upper
42 100
72 38.0 33.7 50.5
71 36.9 32.2 48.4

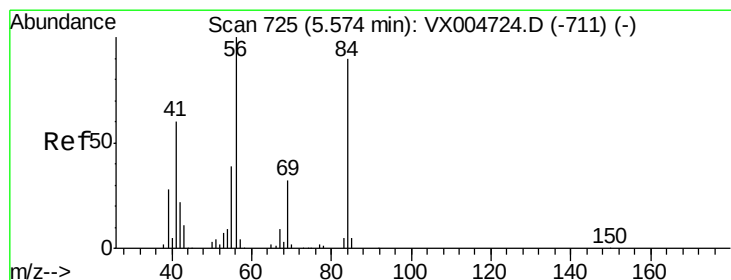
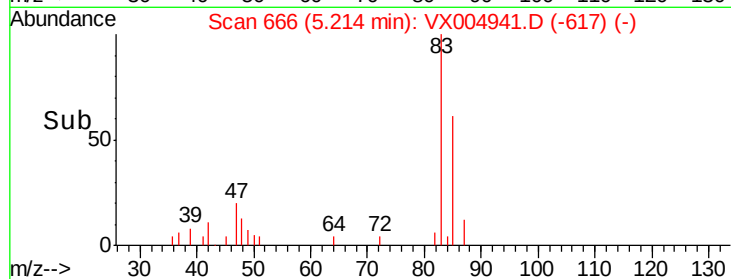
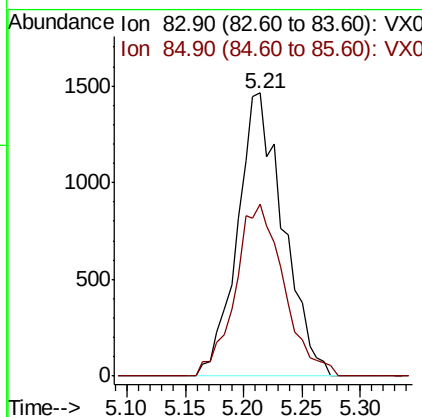
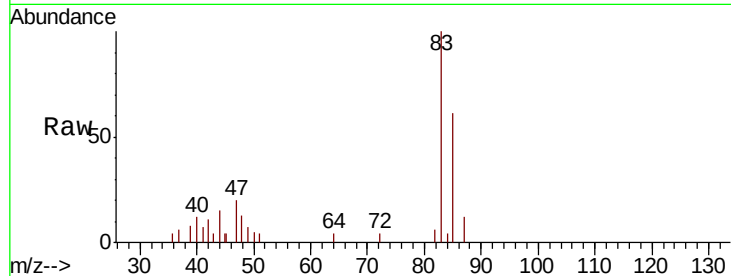




#30
Chloroform
Concen: 0.866 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

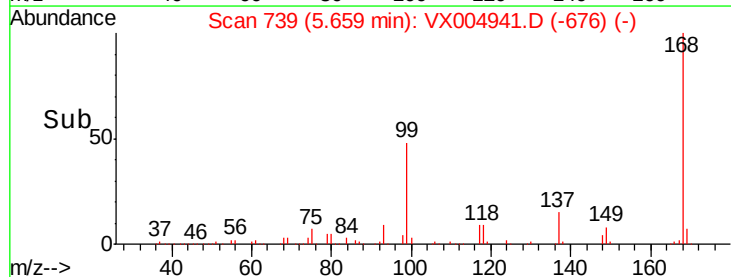
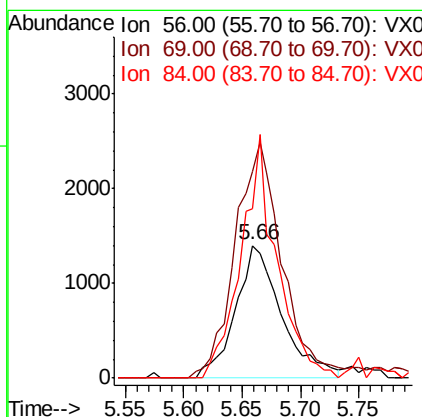
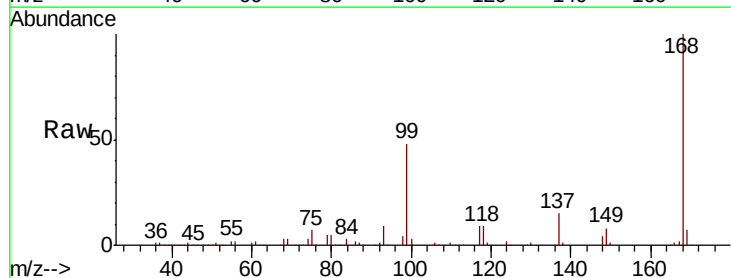
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-4

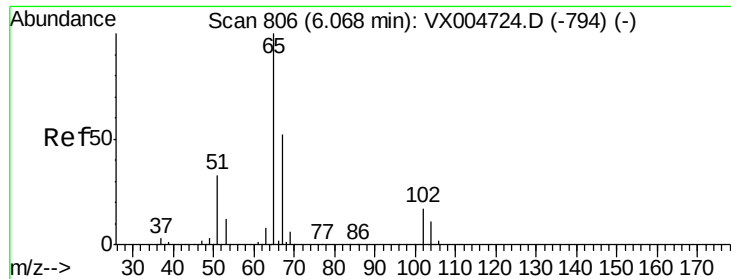
Tot Ion: 83 Resp: 4022
Ion Ratio Lower Upper
83 100
85 60.9 52.4 78.6



#31
Cyclohexane
Concen: 1.022 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion: 56 Resp: 3846
Ion Ratio Lower Upper
56 100
69 155.2 25.9 38.9#
84 127.5 71.9 107.9#

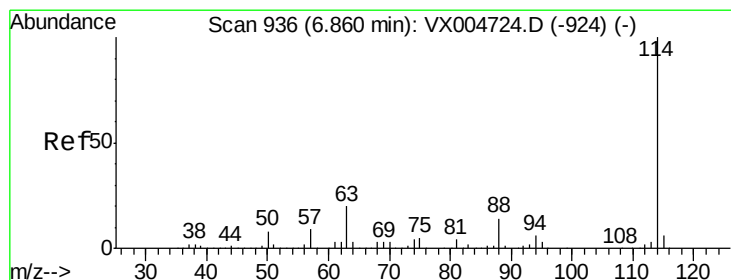
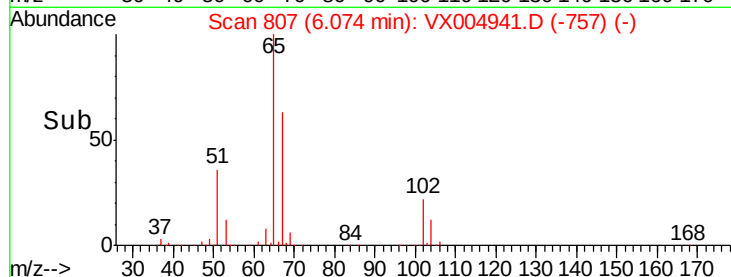
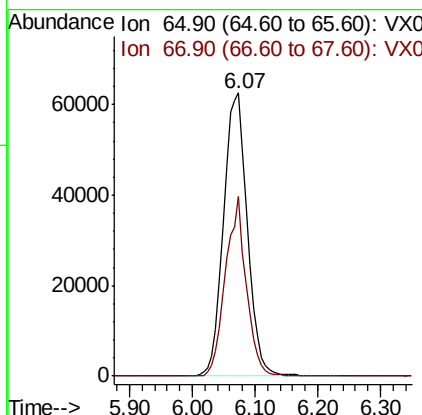
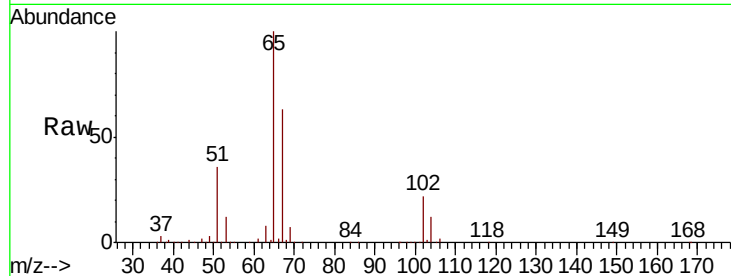




#33
 1,2-Dichloroethane-d4
 Concen: 55.608 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

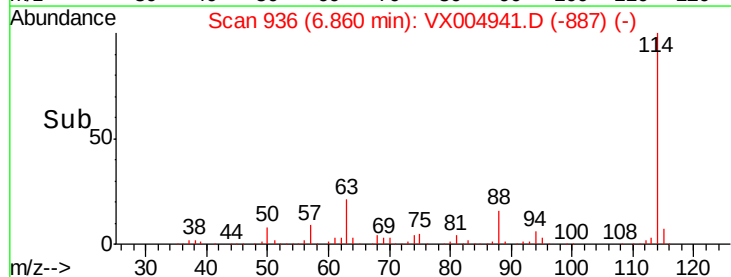
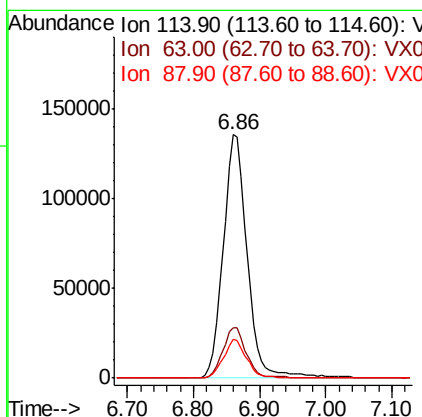
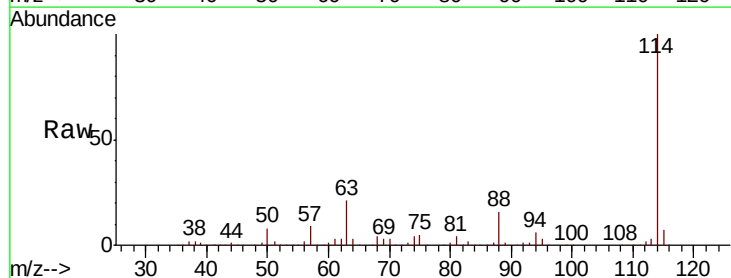
Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-4

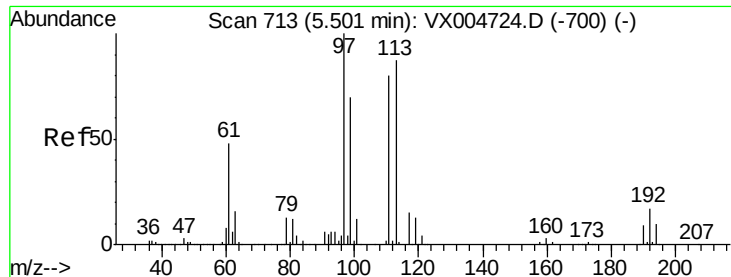
Tot Ion: 65 Resp: 164451
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

Tgt Ion: 114 Resp: 341698
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.9 0.0 27.0

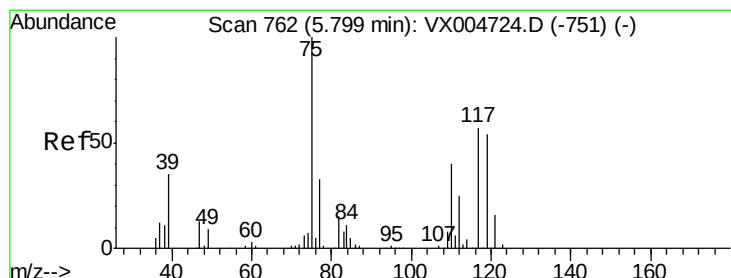
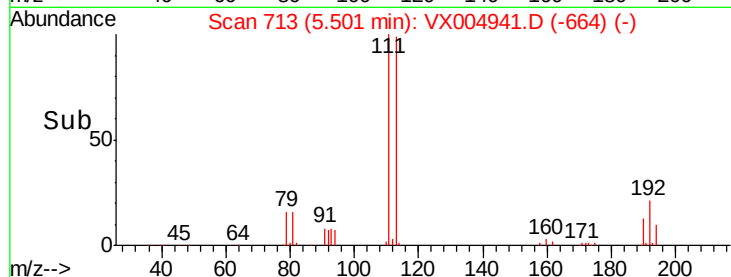
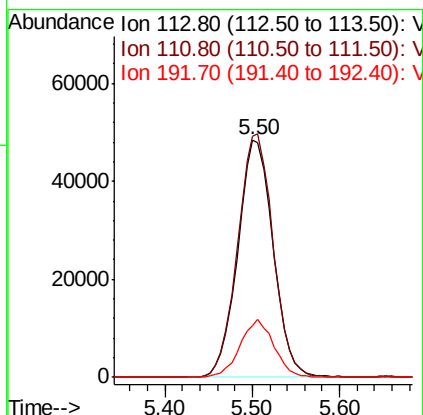
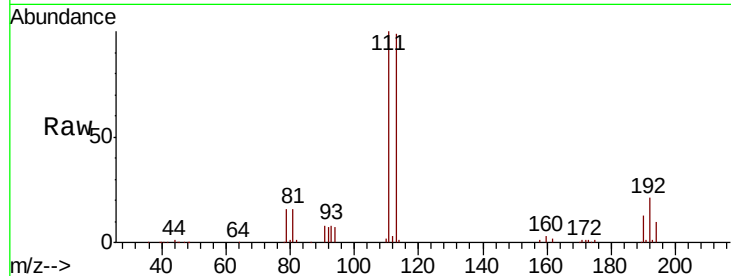




#35
 Dibromofluoromethane
 Concen: 47.100 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

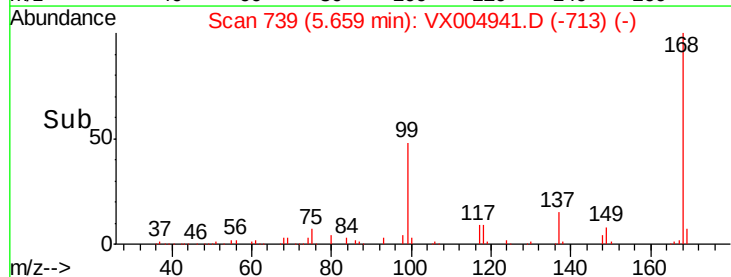
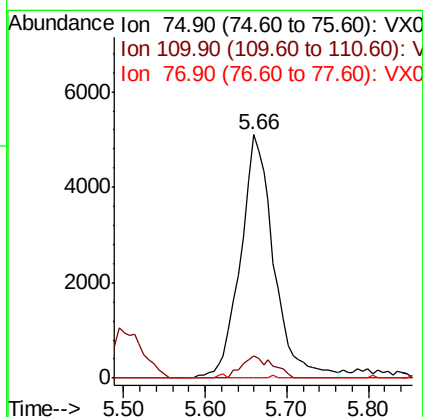
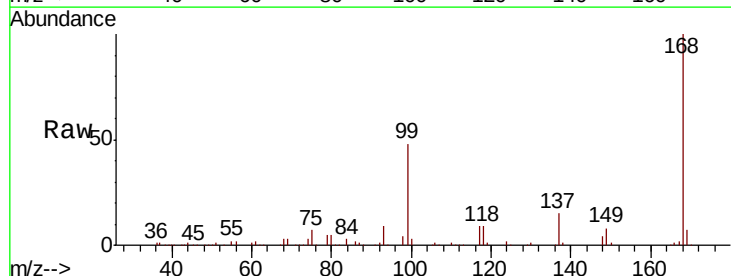
Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-4

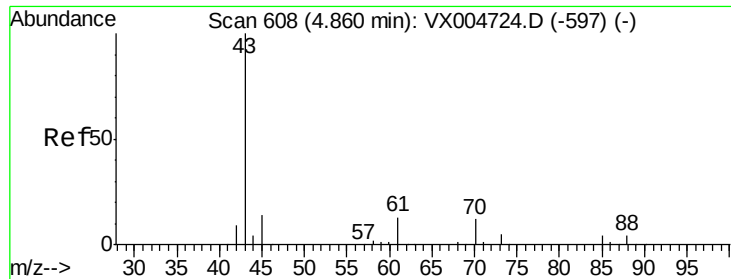
Tot Ion:113 Resp: 136398
 Ion Ratio Lower Upper
 113 100
 111 102.7 77.0 115.4
 192 23.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 3.665 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

Tgt Ion: 75 Resp: 14481
 Ion Ratio Lower Upper
 75 100
 110 8.4 20.0 59.9#
 77 0.0 27.1 40.7#

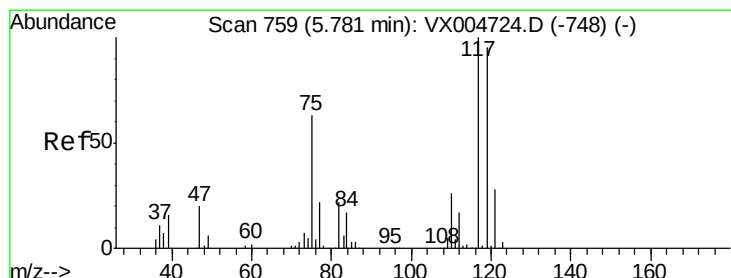
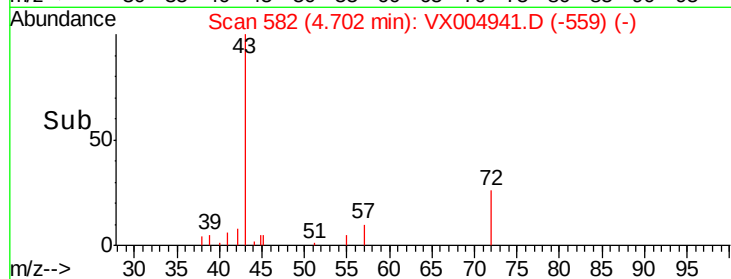
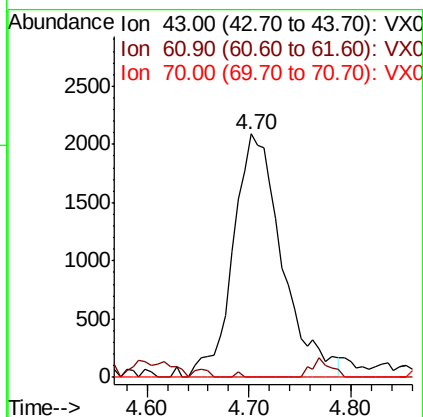
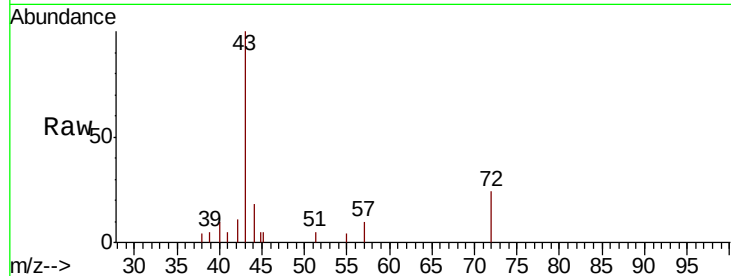




#37
Ethyl Acetate
Concen: 1.323 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

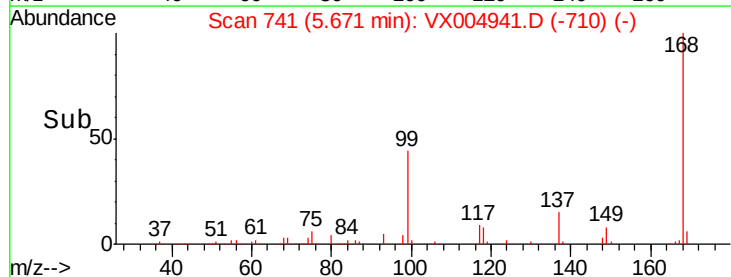
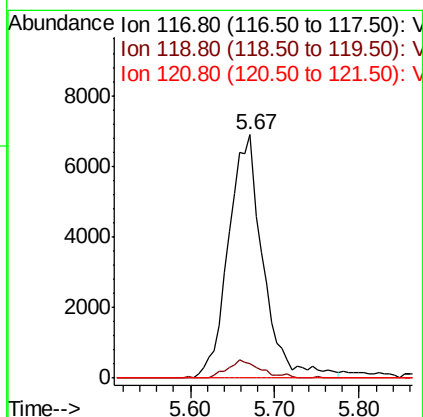
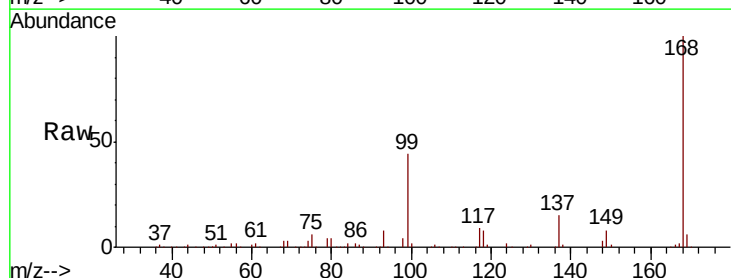
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-4

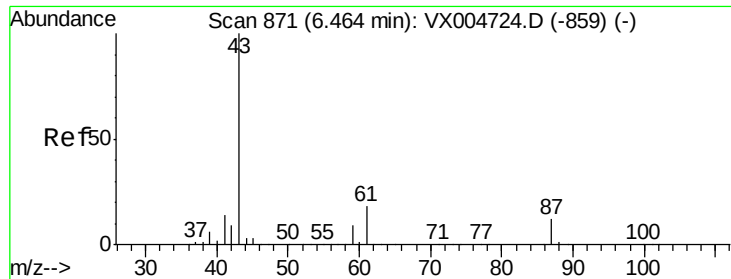
Tot Ion: 43 Resp: 6940
Ion Ratio Lower Upper
43 100
61 0.3 10.4 15.6#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 4.620 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.11 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion: 117 Resp: 19189
Ion Ratio Lower Upper
117 100
119 5.9 75.2 112.8#
121 0.0 22.5 33.7#





#43

Isopropyl Acetate

Concen: 22.010 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-4

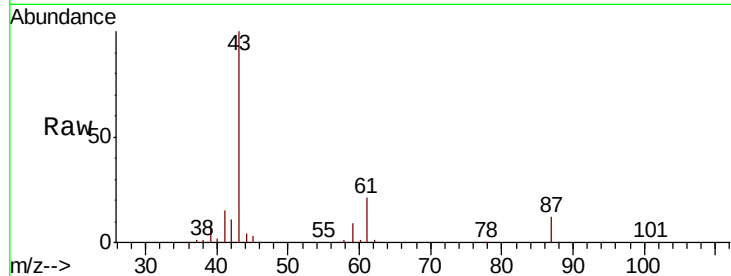
Tot Ion: 43 Resp: 166616

Ion Ratio Lower Upper

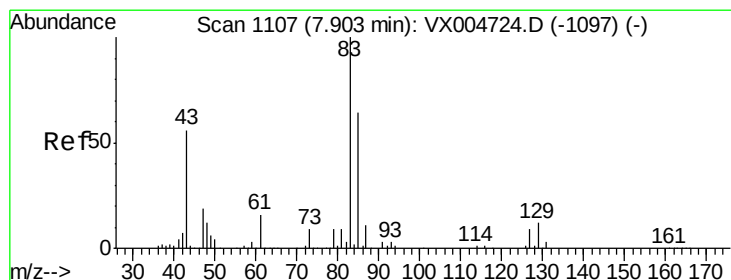
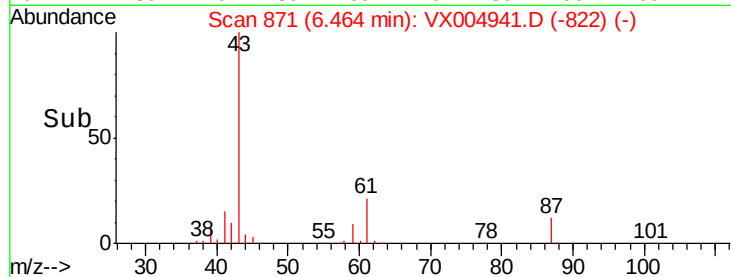
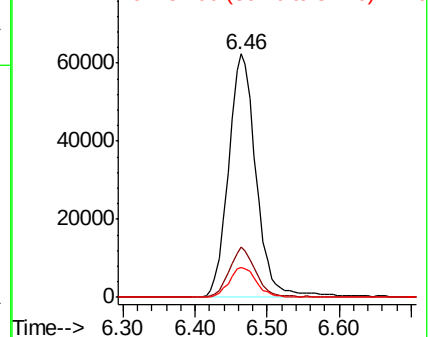
43 100

61 19.6 14.2 21.4

87 12.1 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#47

Bromodichloromethane

Concen: 0.366 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

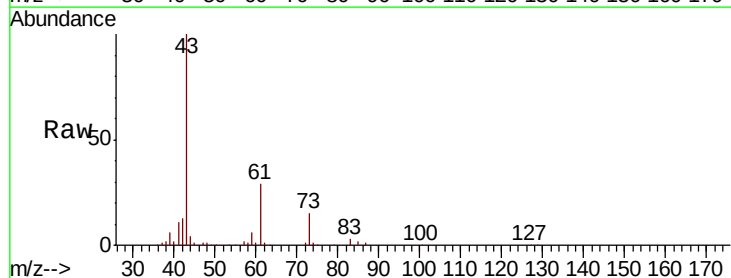
Tgt Ion: 83 Resp: 1305

Ion Ratio Lower Upper

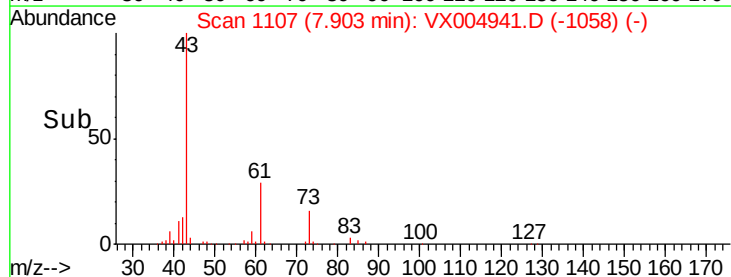
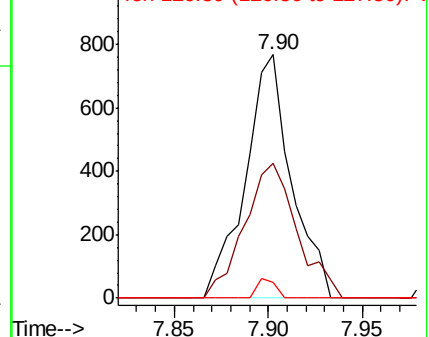
83 100

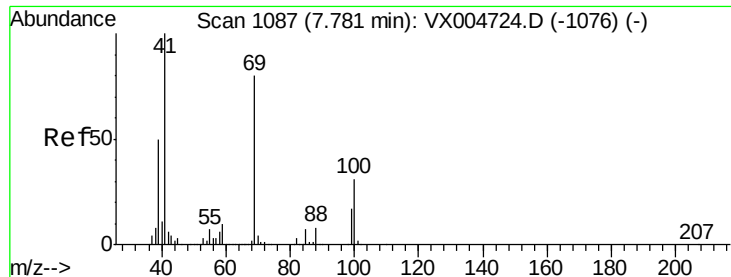
85 55.3 51.2 76.8

127 6.5 7.0 10.6#



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

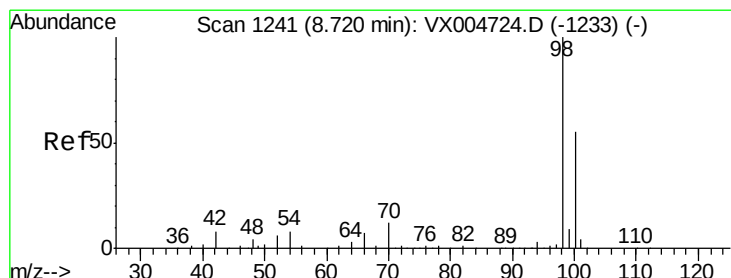
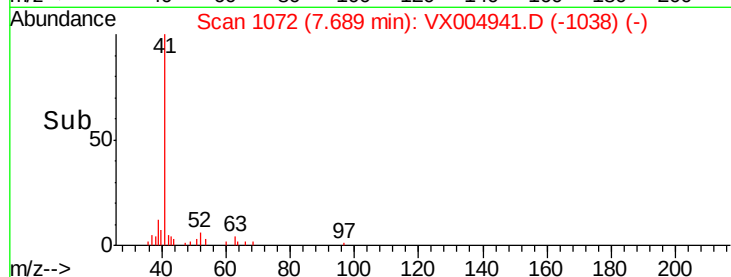
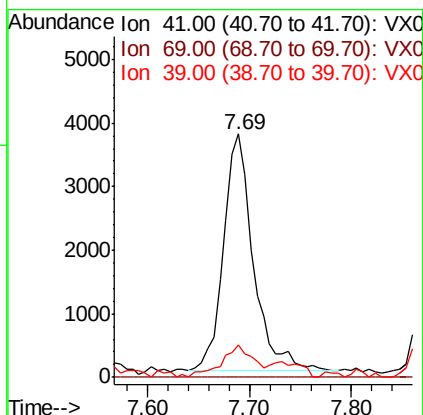
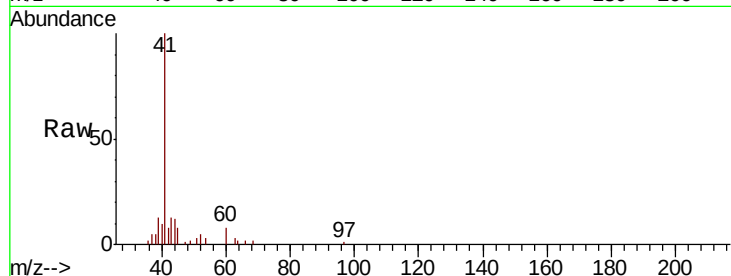




#48
Methvl methacrylate
Concen: 2.212 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

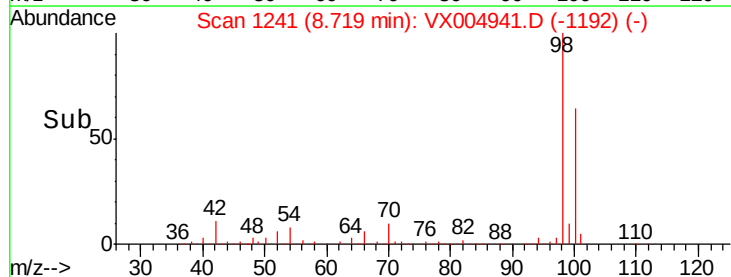
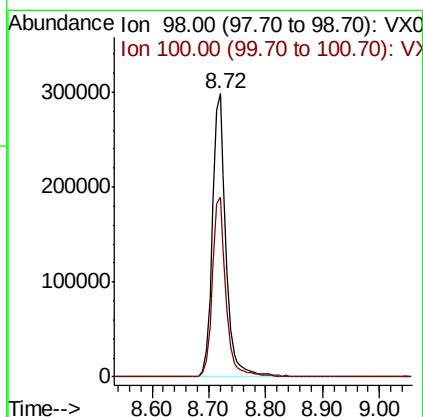
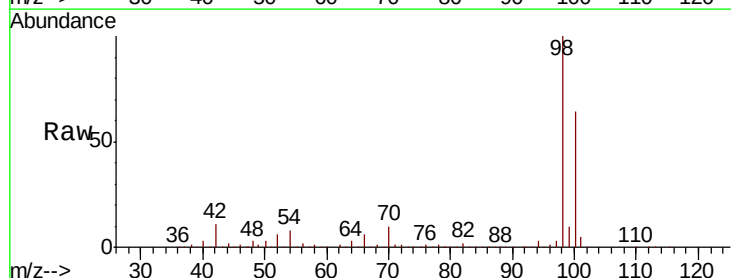
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-4

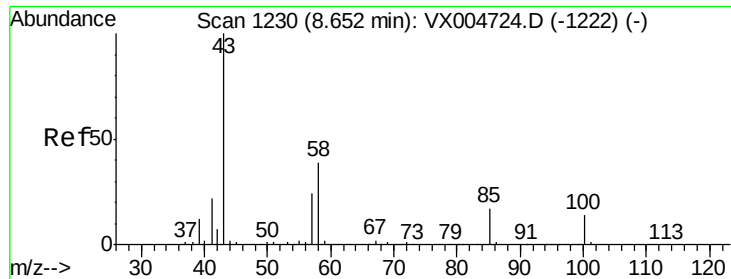
Tot Ion: 41 Resp: 7599
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 14.1 40.7 61.1#



#50
Toluene-d8
Concen: 51.534 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion: 98 Resp: 496146
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

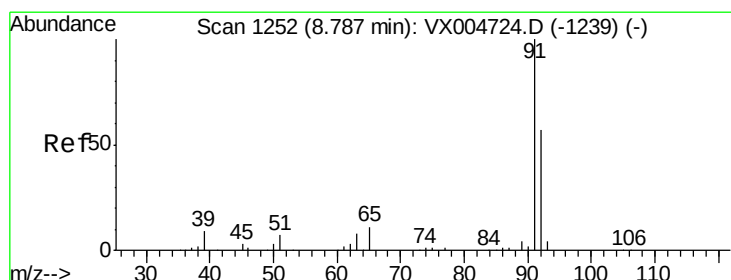
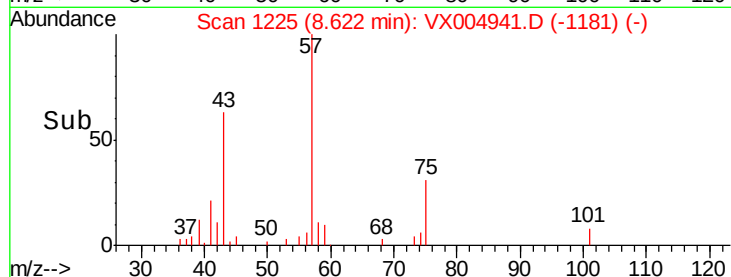
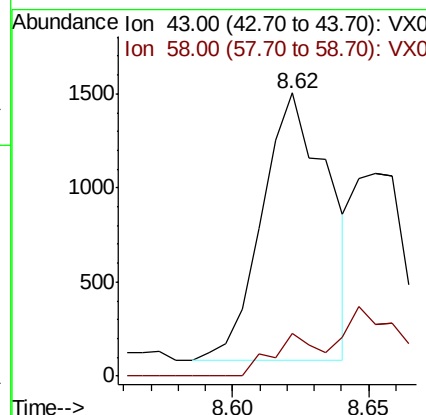
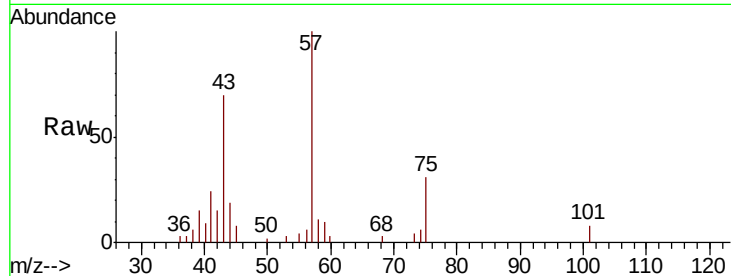




#51
 4-Methyl-2-Pentanone
 Concen: 0.509 ug/l
 RT: 8.62 min Scan# 1225
 Delta R.T. -0.03 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

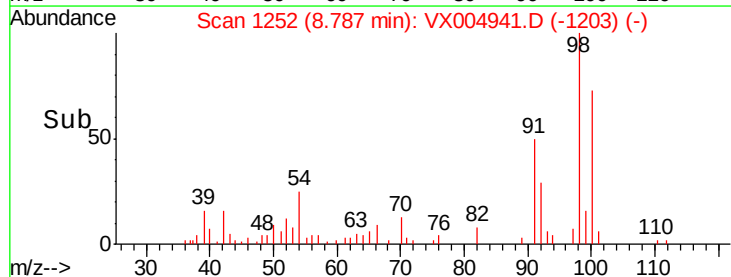
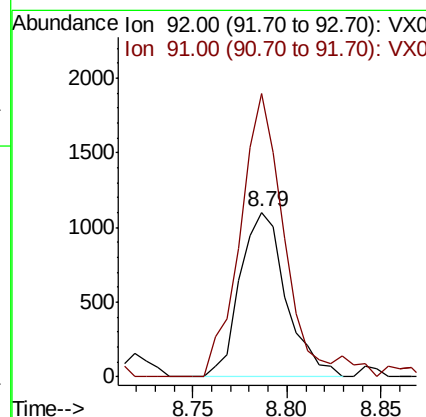
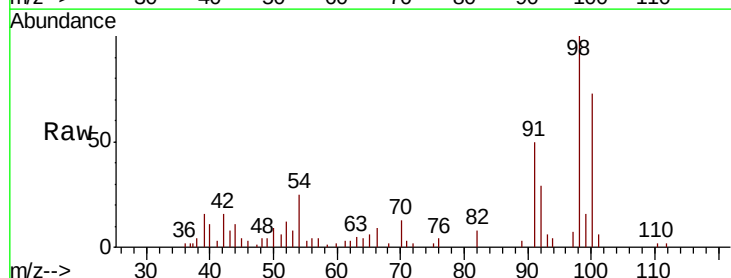
Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-4

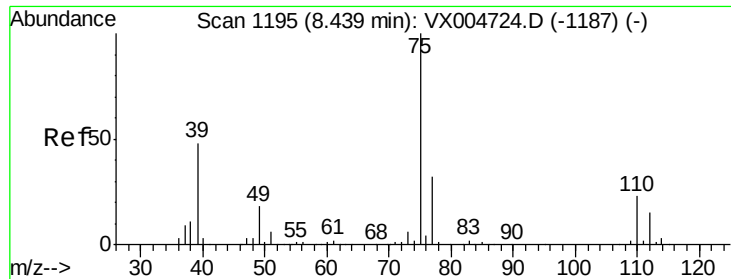
Tot Ion: 43 Resp: 2425
 Ion Ratio Lower Upper
 43 100
 58 11.1 30.5 45.7#



#52
 Toluene
 Concen: 0.276 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

Tgt Ion: 92 Resp: 1873
 Ion Ratio Lower Upper
 92 100
 91 159.7 136.7 205.1



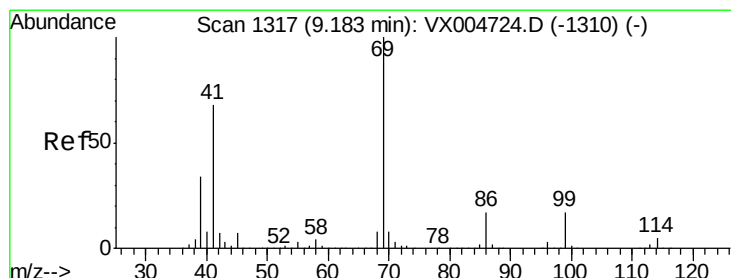
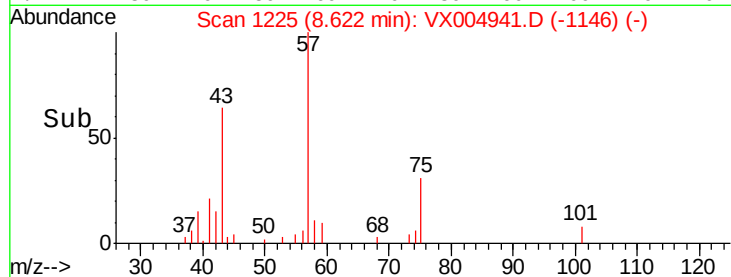
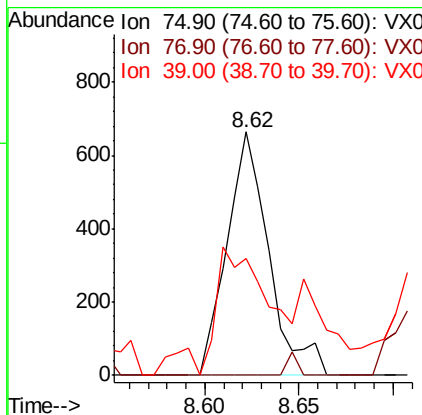
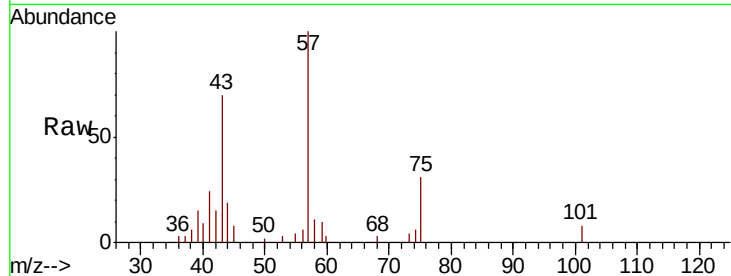


#54

cis-1,3-Dichloropropene
 Concen: 0.241 ug/l
 RT: 8.62 min Scan# 1225
 Delta R.T. 0.18 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-4

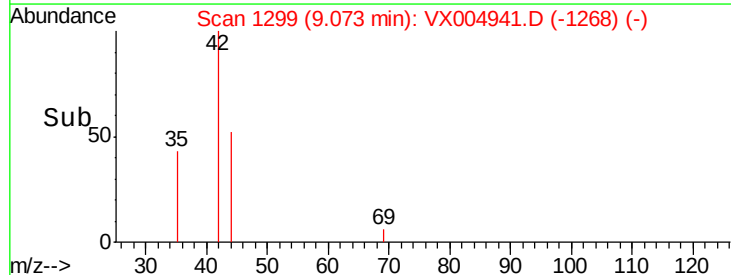
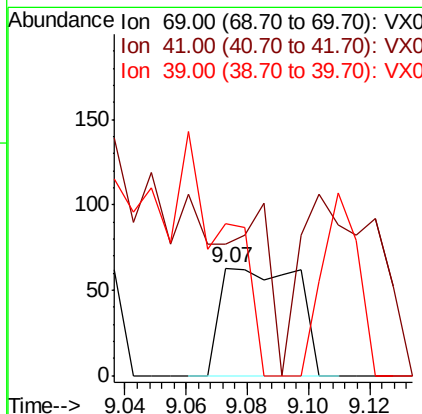
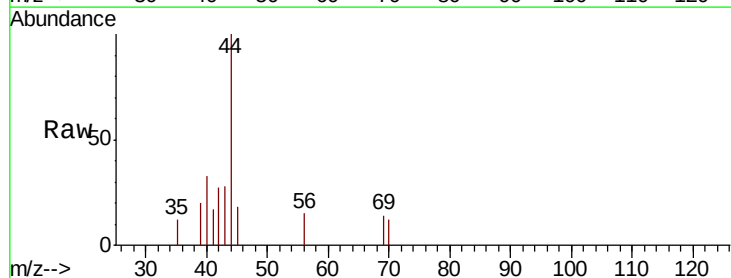
Tot Ion: 75 Resp: 1020
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 36.9 38.3 57.5#

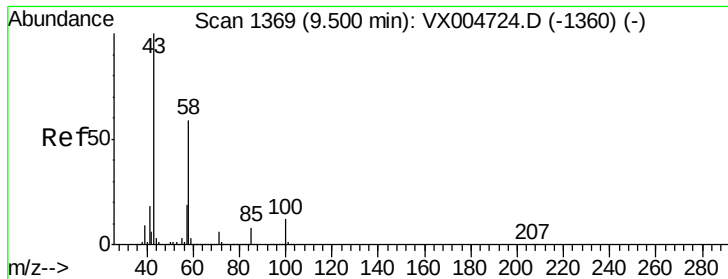


#56

Ethyl methacrylate
 Concen: 2.884 ug/l
 RT: 9.07 min Scan# 1299
 Delta R.T. -0.11 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

Tgt Ion: 69 Resp: 110
 Ion Ratio Lower Upper
 69 100
 41 0.0 56.9 85.3#
 39 0.0 28.4 42.6#

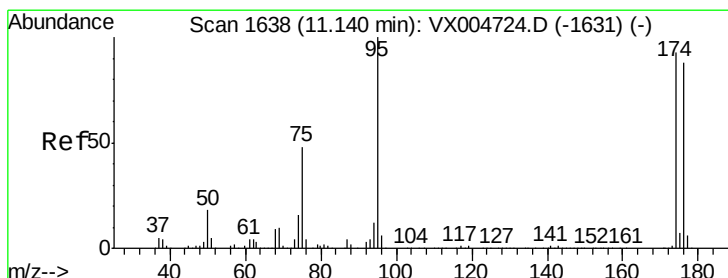
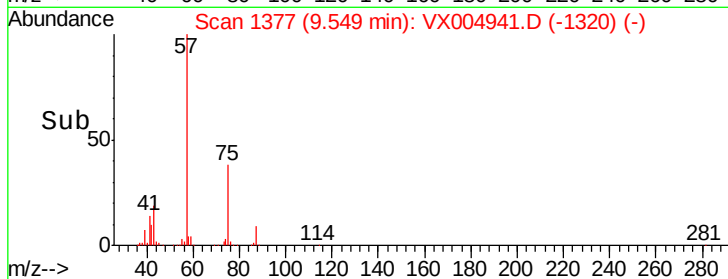
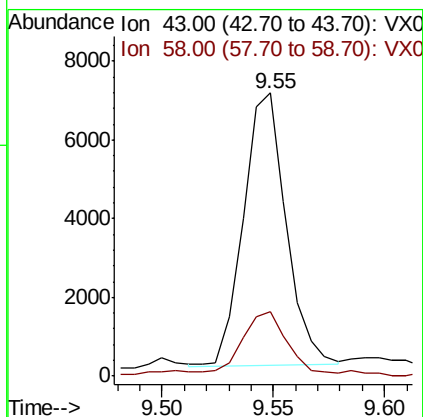
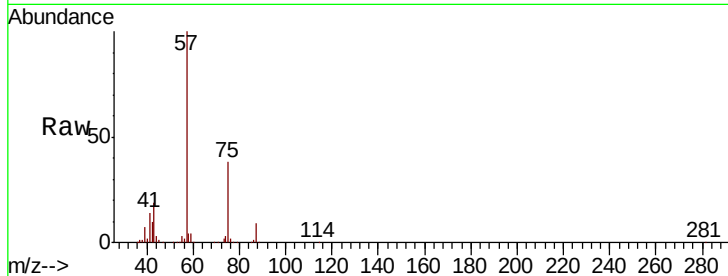




#59
2-Hexanone
Concen: 2.327 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

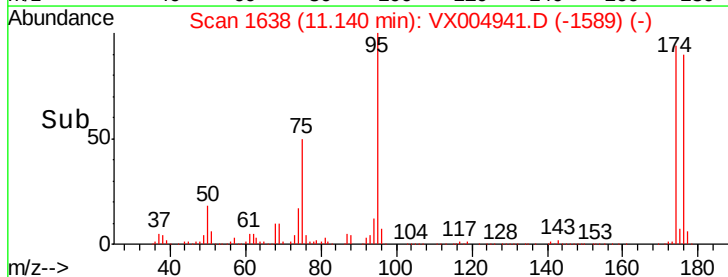
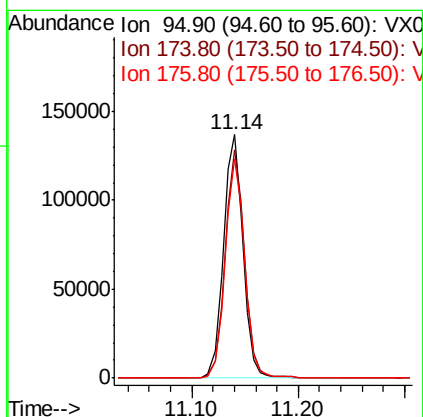
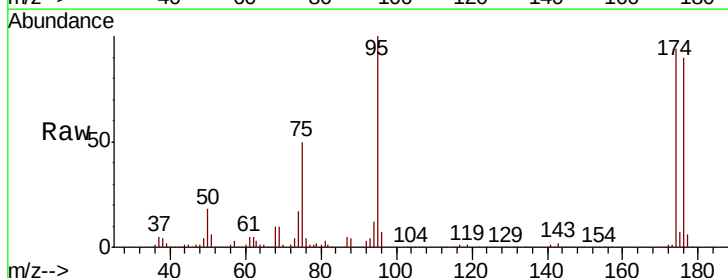
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-4

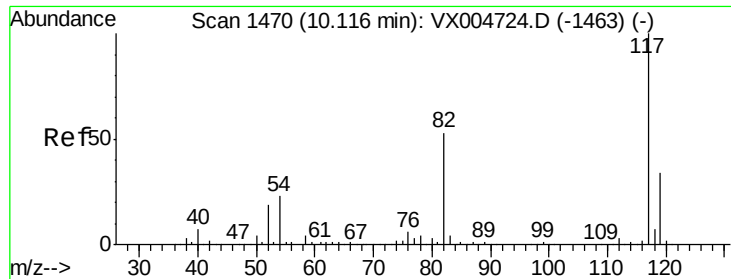
Tot Ion: 43 Resp: 9241
Ion Ratio Lower Upper
43 100
58 27.2 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 50.647 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion: 95 Resp: 175661
Ion Ratio Lower Upper
95 100
174 93.2 0.0 185.0
176 89.9 0.0 180.2

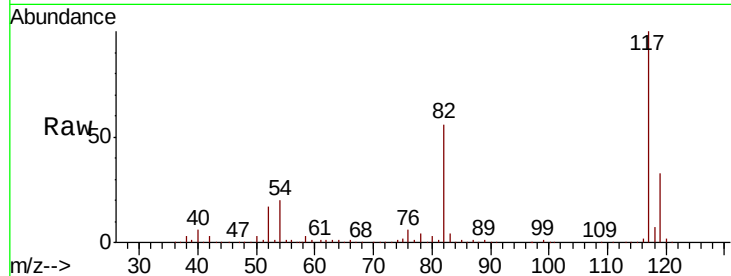




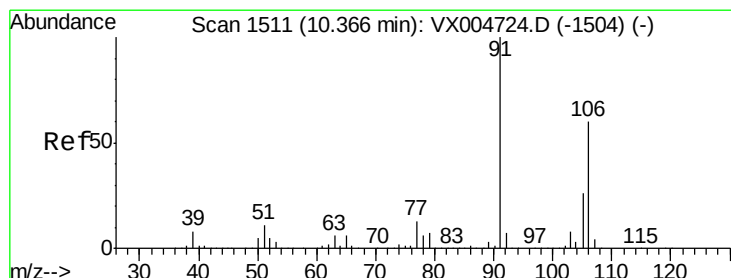
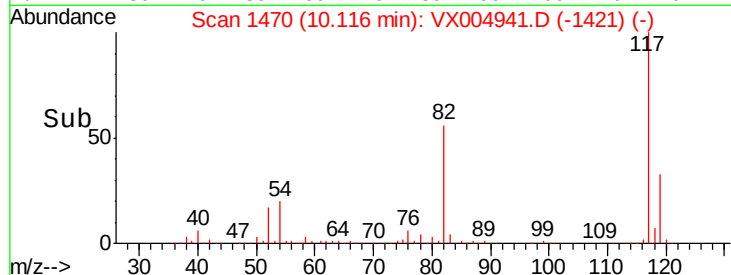
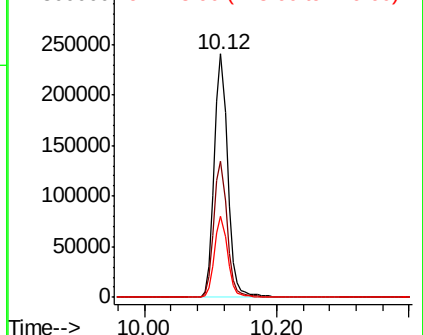
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-4

Tot Ion:117 Resp: 338309
Ion Ratio Lower Upper
117 100
82 55.7 42.2 63.4
119 33.0 27.4 41.0

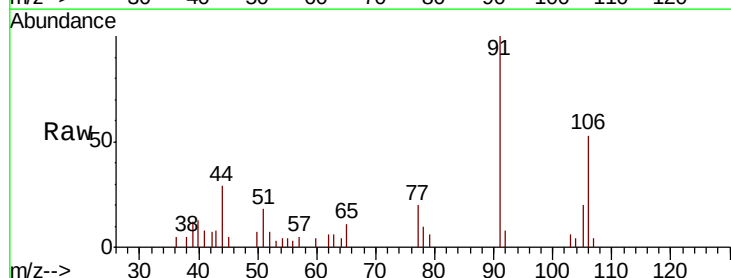


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

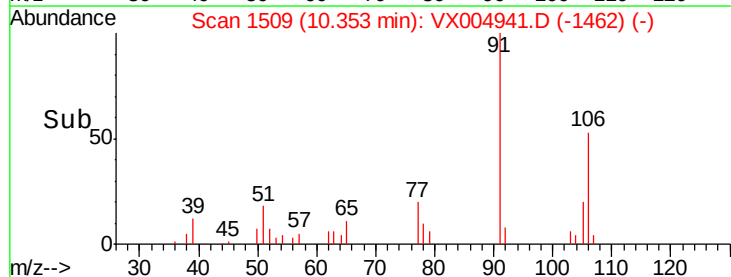
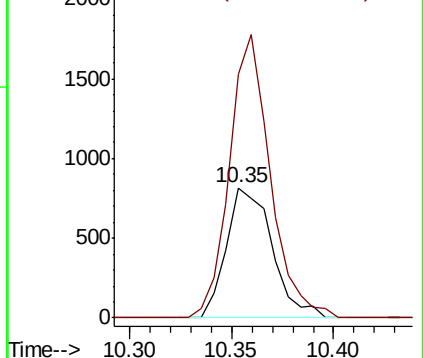


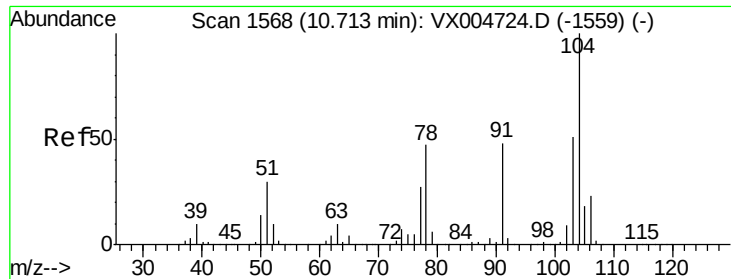
#68
m/p-Xylenes
Concen: 0.236 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion:106 Resp: 1268
Ion Ratio Lower Upper
106 100
91 194.2 157.5 236.3



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

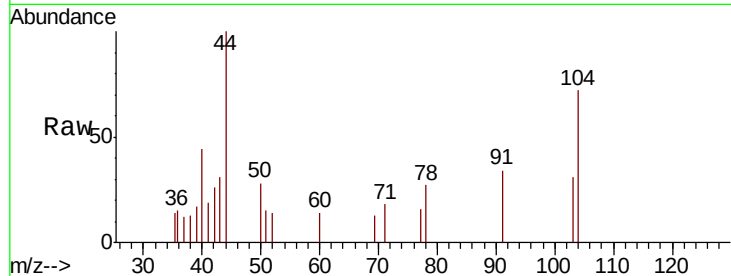




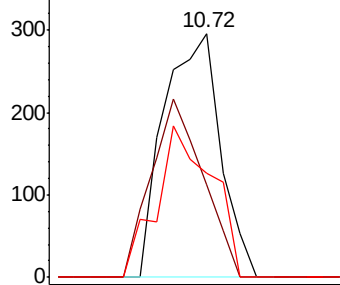
#70
Stvrene
Concen: 2.185 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-4

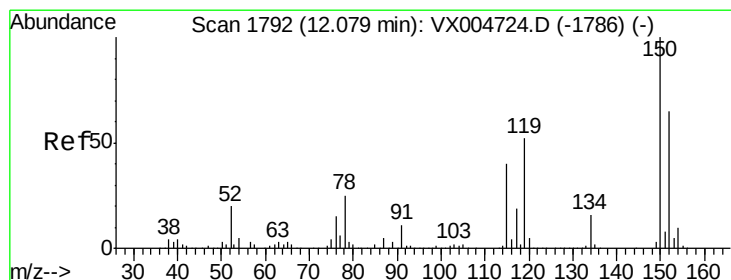
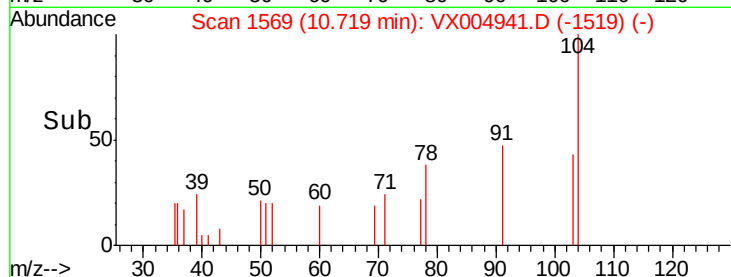
Tot Ion:104 Resp: 426
Ion Ratio Lower Upper
104 100
78 67.1 40.0 60.0#
103 60.8 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

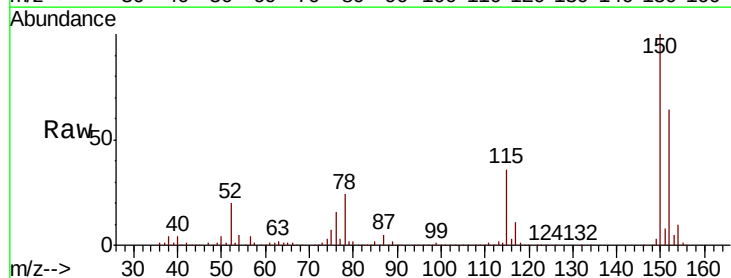


Time-->

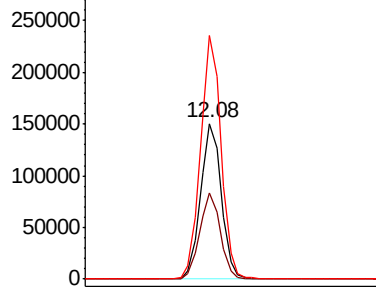


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

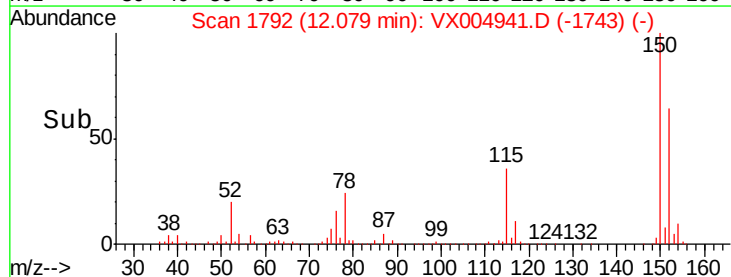
Tgt Ion:152 Resp: 185547
Ion Ratio Lower Upper
152 100
115 55.4 40.2 120.6
150 156.0 0.0 351.0

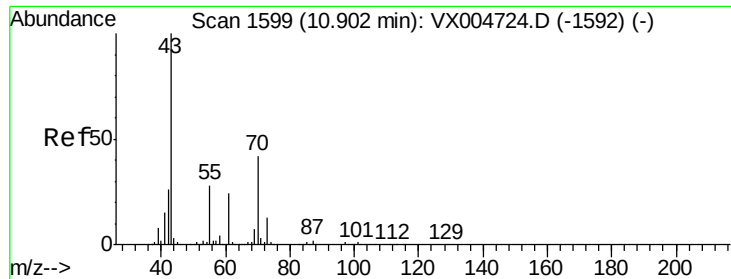


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#74

N-amvl acetate

Concen: 1.765 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-4

Tot Ion: 43 Resp: 117

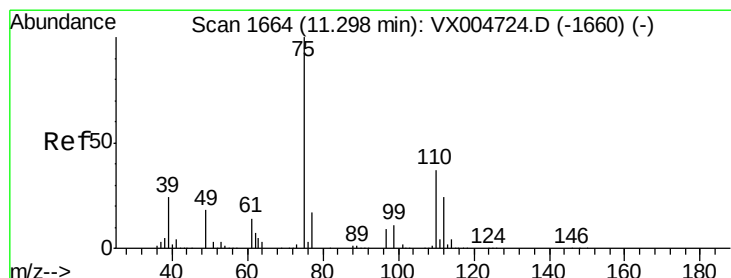
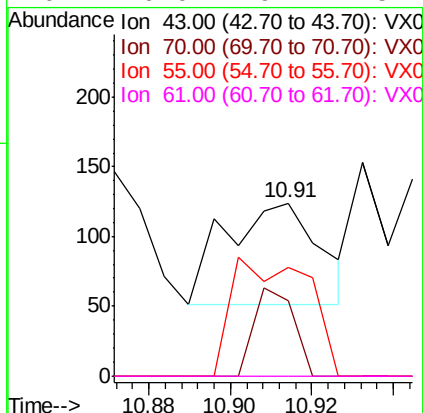
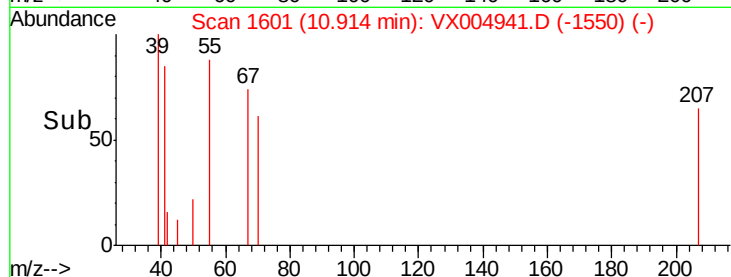
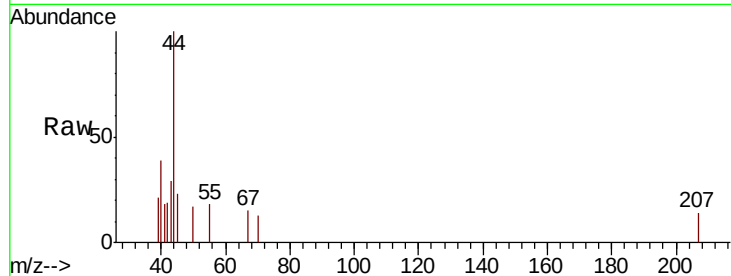
Ion Ratio Lower Upper

43 100

70 36.8 32.6 48.8

55 94.0 21.6 32.4#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 21.242 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004941.D

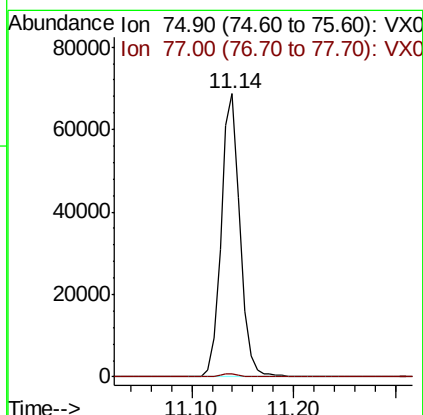
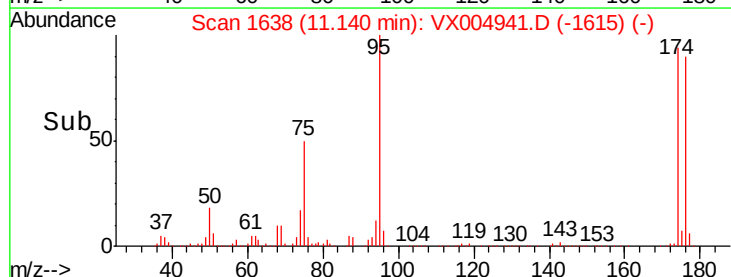
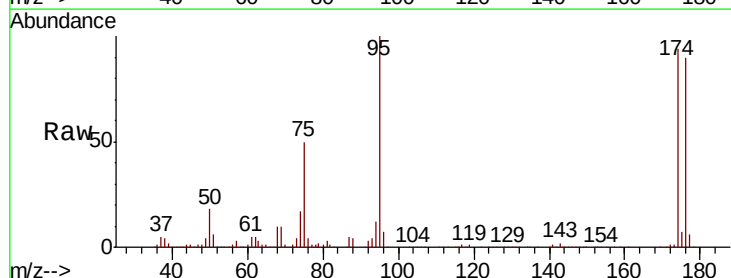
Acq: 03 Oct 2018 01:16

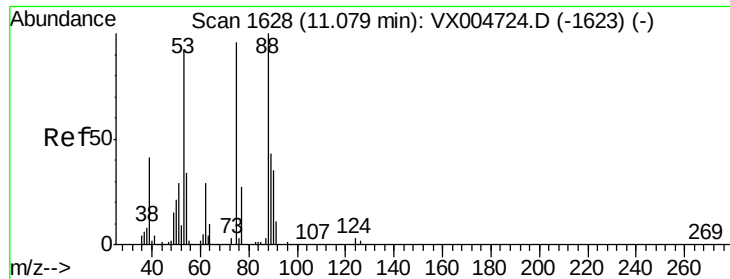
Tgt Ion: 75 Resp: 88339

Ion Ratio Lower Upper

75 100

77 1.3 21.4 64.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 57.618 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-4

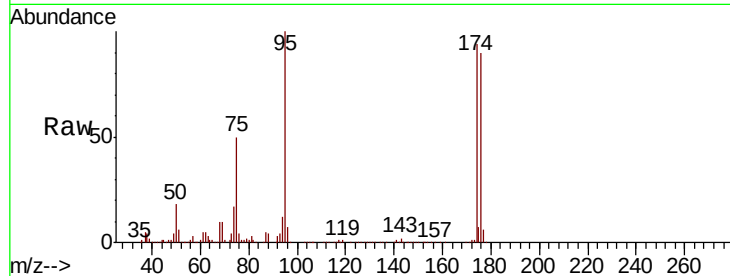
Tot Ion: 75 Resp: 88339

Ion Ratio Lower Upper

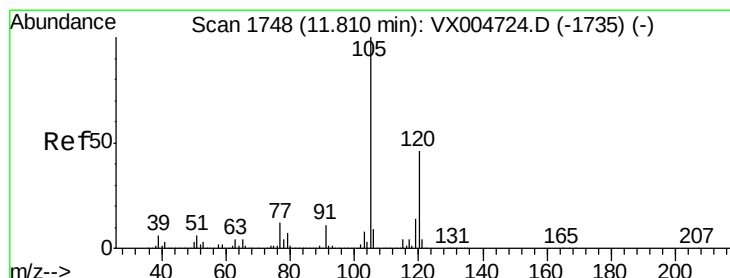
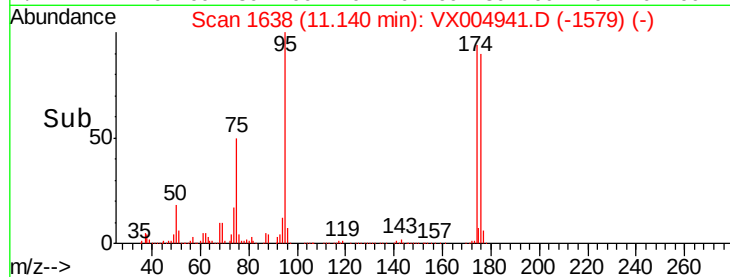
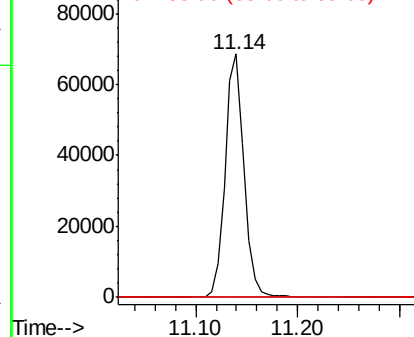
75 100

53 0.3 80.2 120.4#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.201 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004941.D

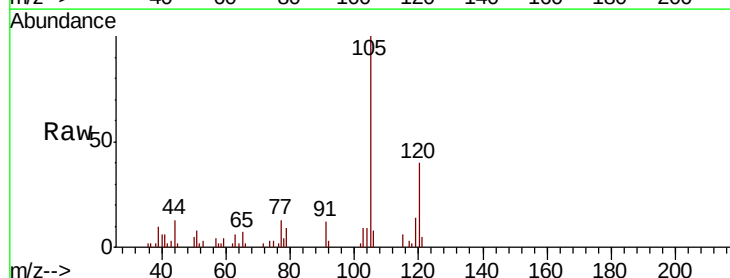
Acq: 03 Oct 2018 01:16

Tgt Ion: 105 Resp: 4405

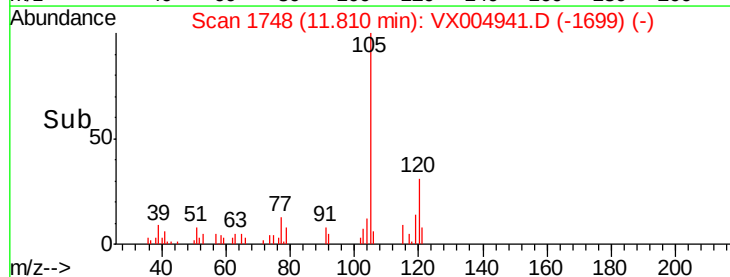
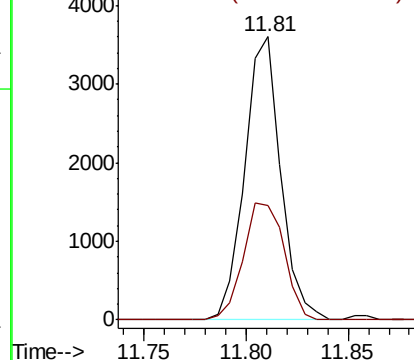
Ion Ratio Lower Upper

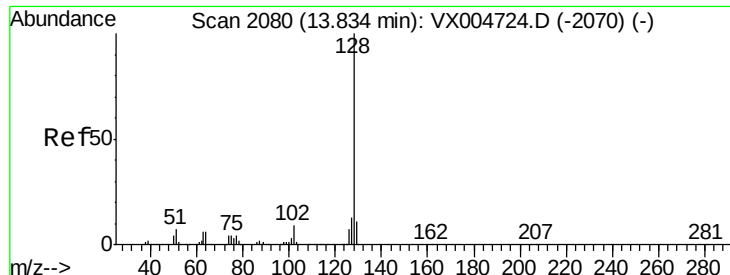
105 100

120 46.8 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 28.345 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.7	13.1

