

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004940.D
 Acq On : 03 Oct 2018 00:50
 Operator : JC/MD
 Sample : J5170-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-3

Quant Time: Oct 03 04:46:53 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	5.66	168	217315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195165	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	172934	55.71	ug/l	0.00
Spiked Amount			Recovery	=	111.42%	
35) Dibromofluoromethane	5.51	113	144153	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
50) Toluene-d8	8.72	98	515023	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.14	95	186235	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.70	64	152	Below Cal	#	45
8) Diethyl Ether	2.19	74	460	0.254	ug/l	94
11) Tert butyl alcohol	3.03	59	2145	2.471	ug/l #	86
13) Acrolein	2.29	56	353	0.572	ug/l #	55
14) Allyl chloride	2.85	41	34116	6.640	ug/l #	32
16) Acetone	2.45	43	24966	13.775	ug/l	93
18) Methyl Acetate	2.79	43	9727	2.118	ug/l	95
20) Methylene Chloride	2.85	84	725809	279.285	ug/l	87
25) 2-Butanone	4.70	43	6061	2.269	ug/l	90
29) Tetrahydrofuran	5.17	42	2169	1.306	ug/l #	90
30) Chloroform	5.21	83	8690	1.782	ug/l	89
36) 1,1-Dichloropropene	5.67	75	14444	3.544	ug/l #	45
38) Carbon Tetrachloride	5.67	117	18662	4.356	ug/l #	18
43) Isopropyl Acetate	6.46	43	171855	22.010	ug/l	98
47) Bromodichloromethane	7.90	83	1960	0.532	ug/l	98
48) Methyl methacrylate	7.88	41	16718	4.717	ug/l #	42
51) 4-Methyl-2-Pentanone	8.62	43	3584	0.729	ug/l #	37
54) cis-1,3-Dichloropropene	8.62	75	1065	0.244	ug/l #	74
56) Ethyl methacrylate	9.38	69	210	2.902	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.24	63	20	14.249	ug/l #	49
59) 2-Hexanone	9.55	43	10158	2.479	ug/l #	55
60) Dibromochloromethane	9.59	129	640	0.208	ug/l	89
67) Ethyl Benzene	10.25	91	3953	0.276	ug/l	95
68) m/p-Xylenes	10.36	106	4184	0.747	ug/l	90
69) o-Xylene	10.70	106	1482	0.288	ug/l	95
70) Styrene	10.72	104	291	2.169	ug/l #	9
74) N-amyl acetate	10.93	43	71	1.758	ug/l #	53
76) 1,2,3-Trichloropropane	11.14	75	92325	21.106	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	92325	57.263	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	12354	0.868	ug/l	96
90) Hexachloroethane	12.60	117	409	0.220	ug/l #	1
95) Naphthalene	13.83	128	14522	1.601	ug/l	100

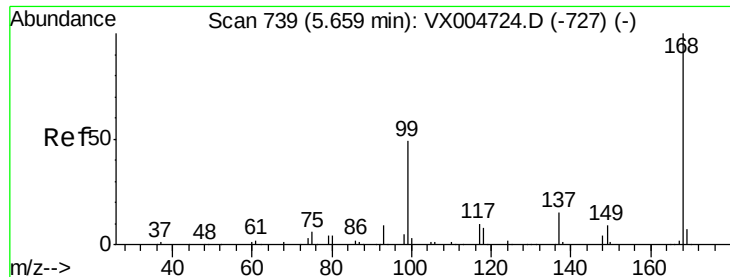
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
Data File : VX004940.D
Acq On : 03 Oct 2018 00:50
Operator : JC/MD
Sample : J5170-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-3

Quant Time: Oct 03 04:46:53 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)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

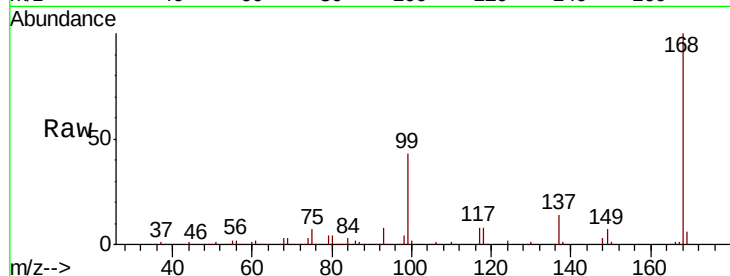
HC-SOIL-3

Tot Ion:168 Resp: 217315

Ion Ratio Lower Upper

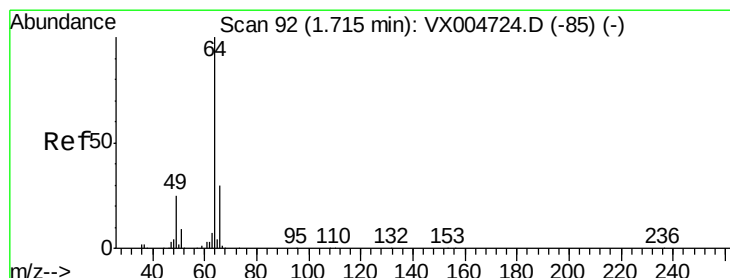
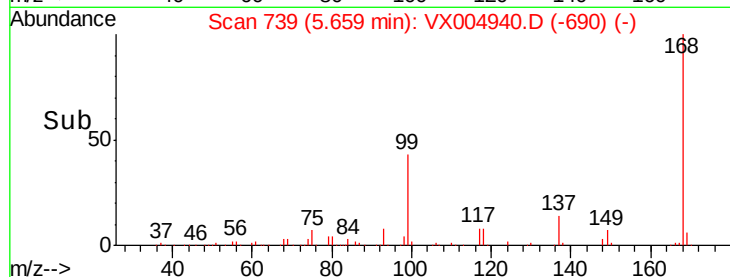
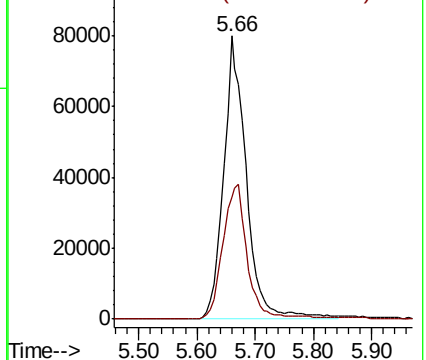
168 100

99 43.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX004940.D

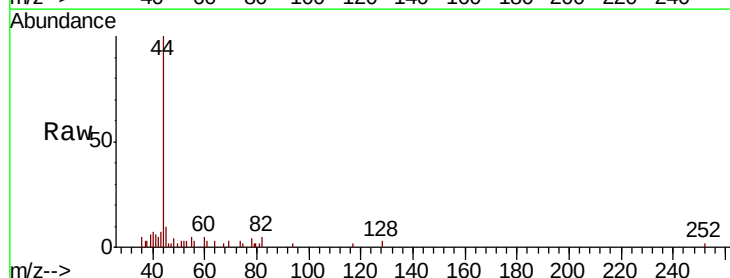
Acq: 03 Oct 2018 00:50

Tgt Ion: 64 Resp: 152

Ion Ratio Lower Upper

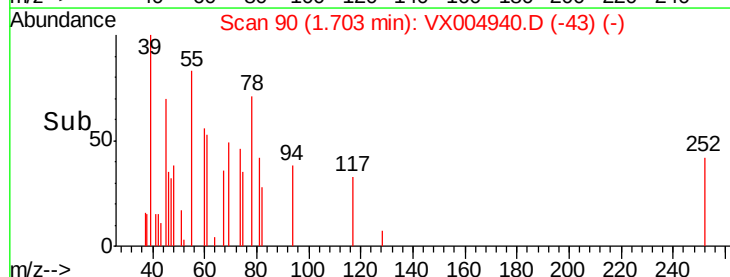
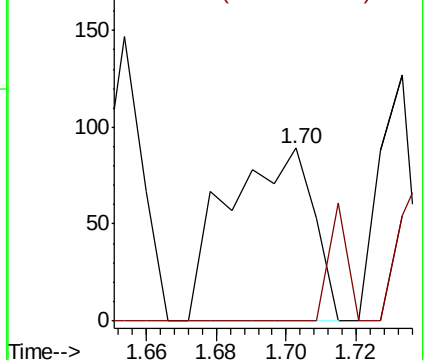
64 100

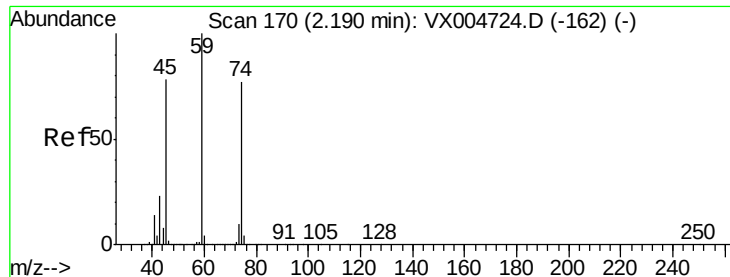
66 0.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 0.254 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

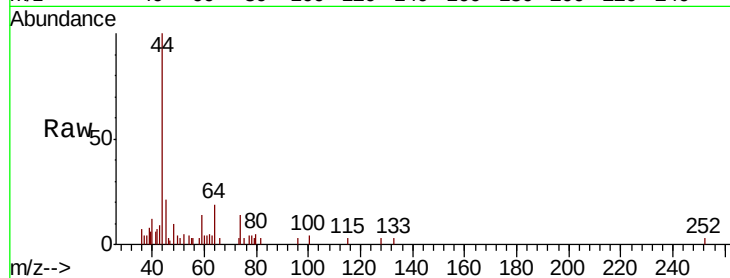
HC-SOIL-3

Tot Ion: 74 Resp: 460

Ion Ratio Lower Upper

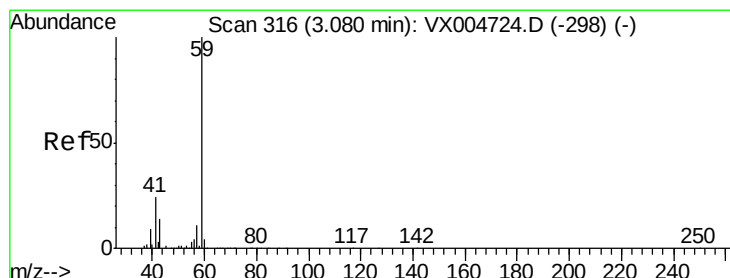
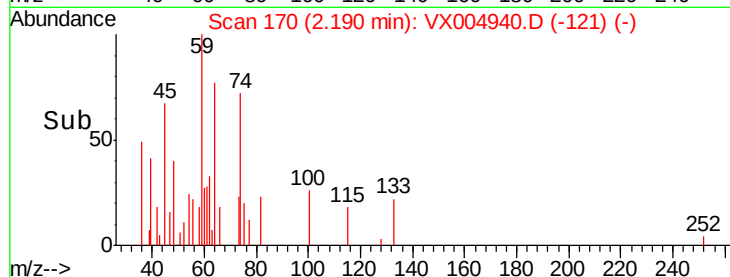
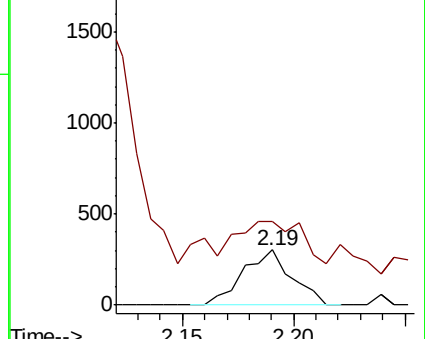
74 100

45 99.3 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 2.471 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX004940.D

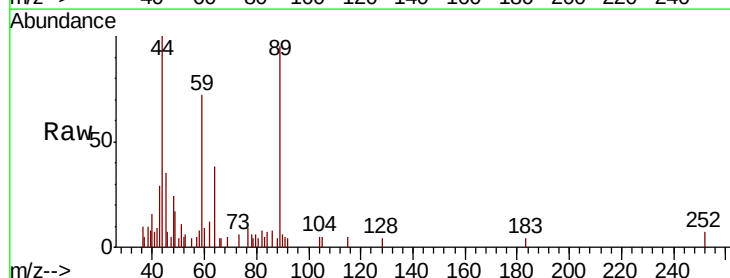
Acq: 03 Oct 2018 00:50

Tgt Ion: 59 Resp: 2145

Ion Ratio Lower Upper

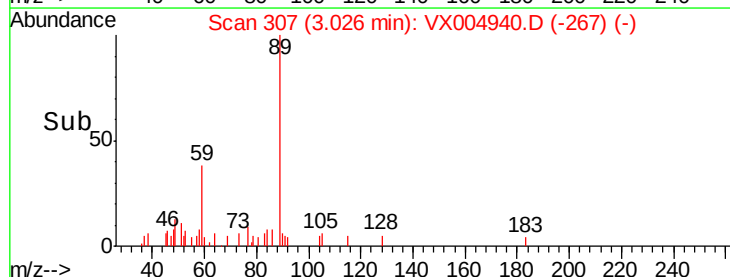
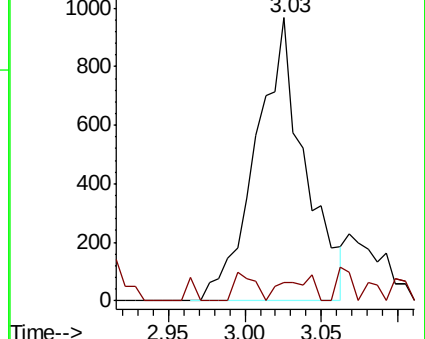
59 100

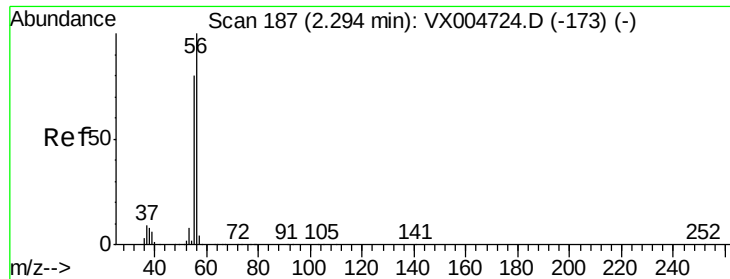
57 5.5 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

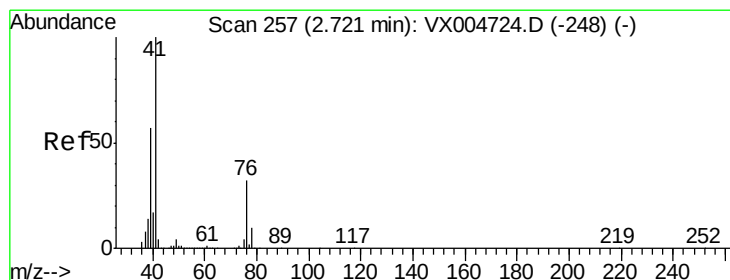
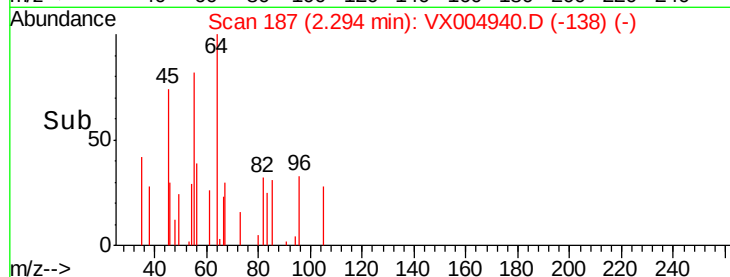
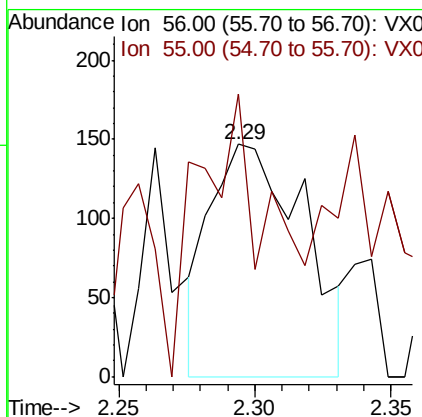
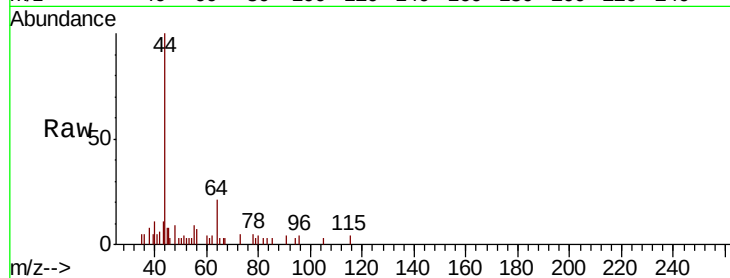




#13
Acrolein
Concen: 0.572 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

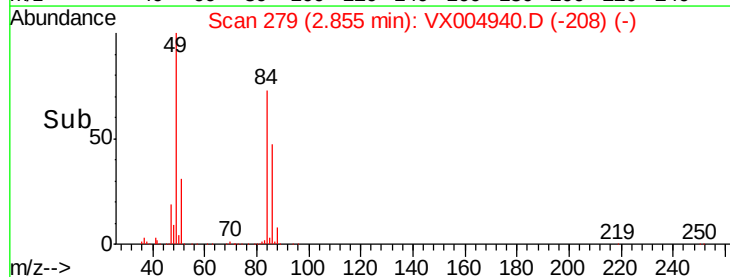
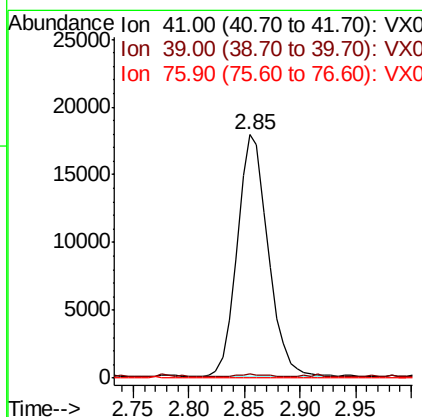
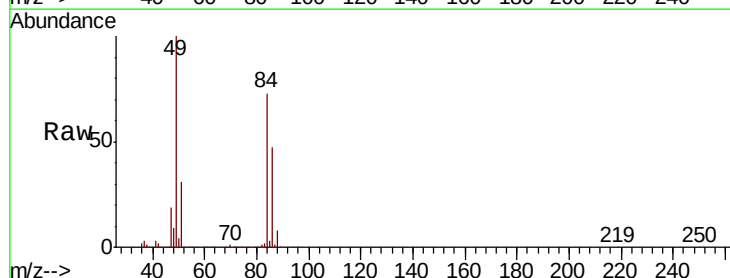
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-3

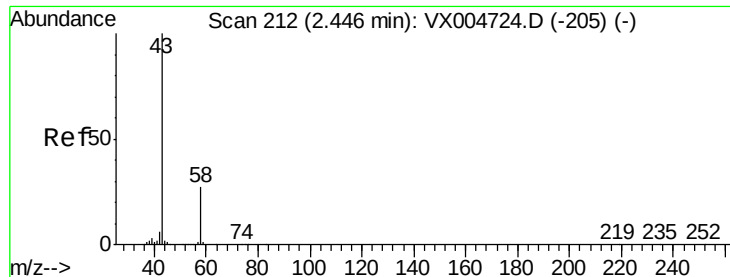
Tot Ion: 56 Resp: 353
Ion Ratio Lower Upper
56 100
55 39.4 63.4 95.2#



#14
Allyl chloride
Concen: 6.640 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion: 41 Resp: 34116
Ion Ratio Lower Upper
41 100
39 1.1 44.1 66.1#
76 0.0 25.0 37.4#





#16

Acetone

Concen: 13.775 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

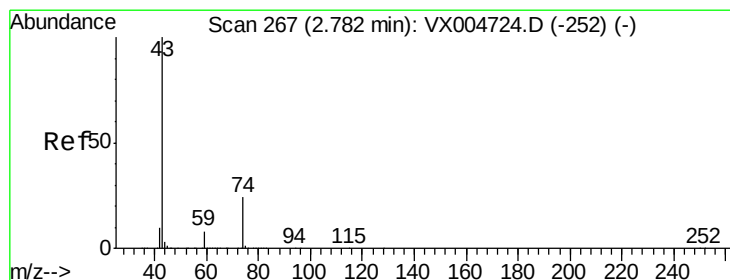
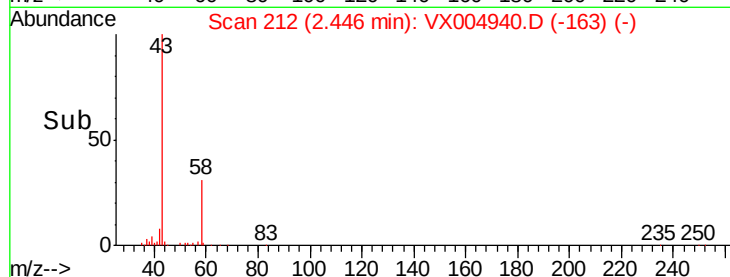
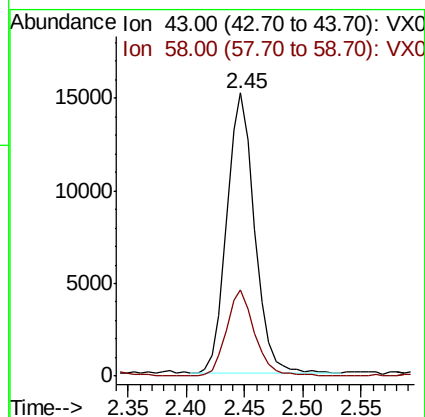
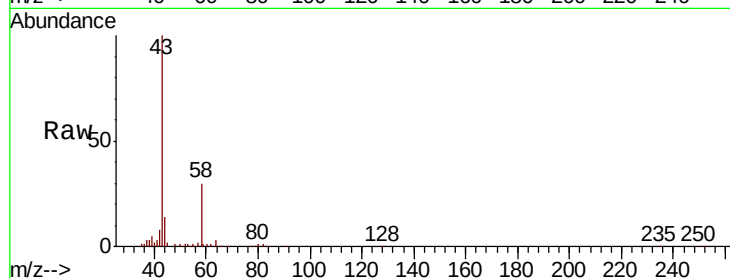
HC-SOIL-3

Tot Ion: 43 Resp: 24966

Ion Ratio Lower Upper

43 100

58 30.7 21.8 32.6



#18

Methyl Acetate

Concen: 2.118 ug/l

RT: 2.79 min Scan# 268

Delta R.T. 0.01 min

Lab File: VX004940.D

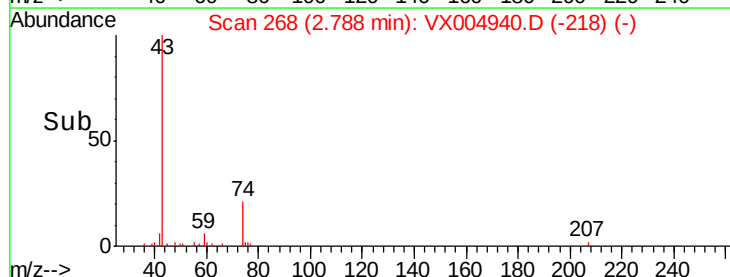
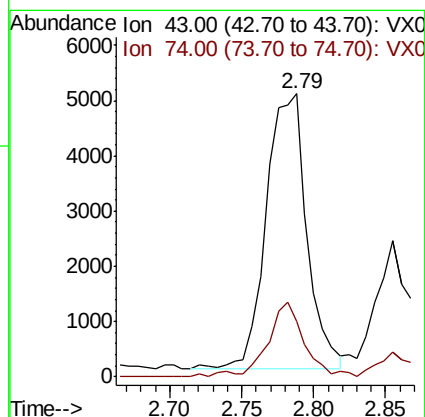
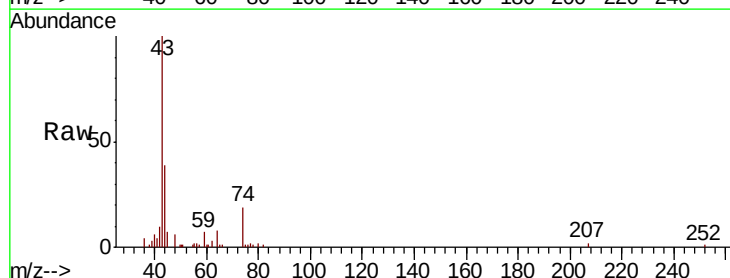
Acq: 03 Oct 2018 00:50

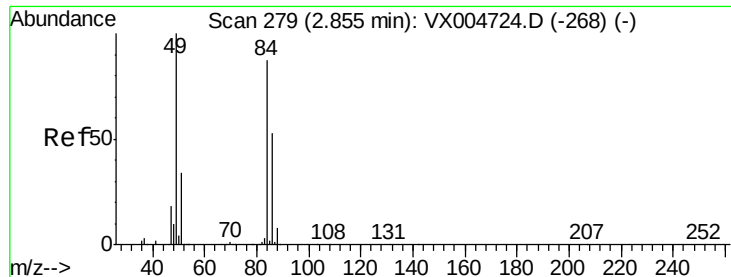
Tgt Ion: 43 Resp: 9727

Ion Ratio Lower Upper

43 100

74 24.6 17.8 26.8

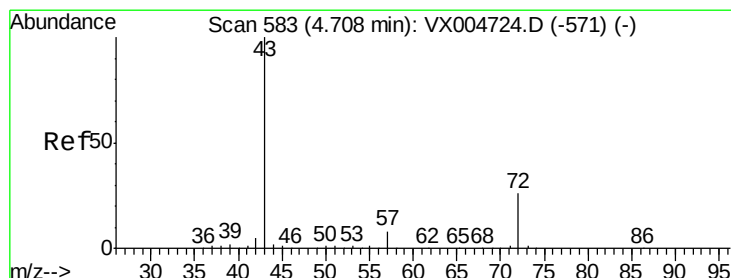
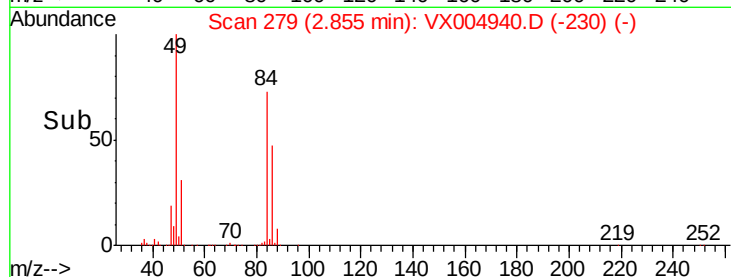
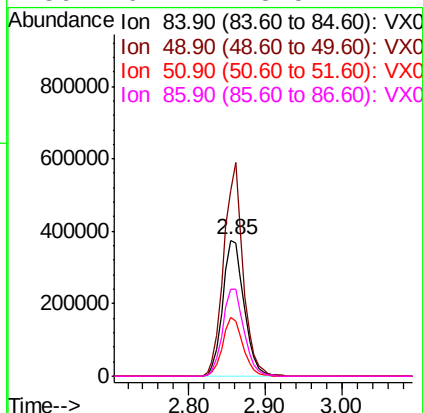
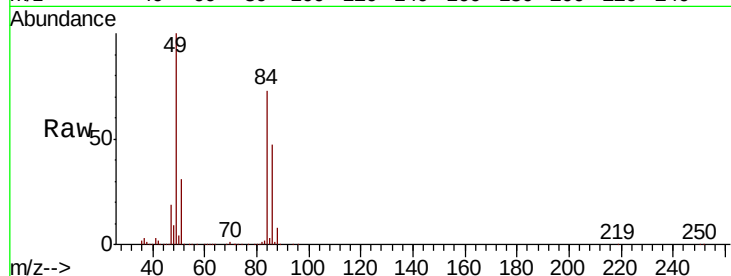




#20
Methvlene Chloride
Concen: 279.285 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

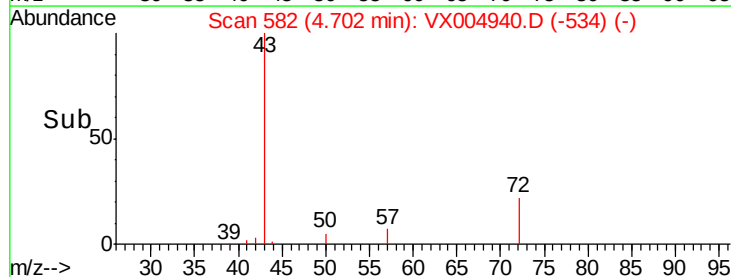
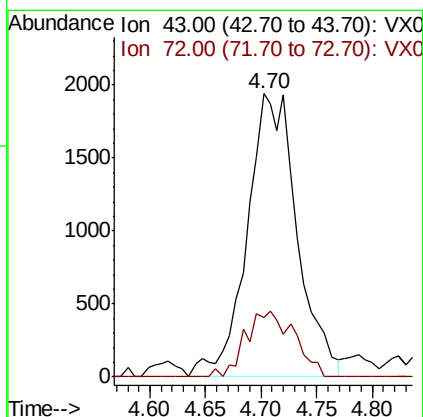
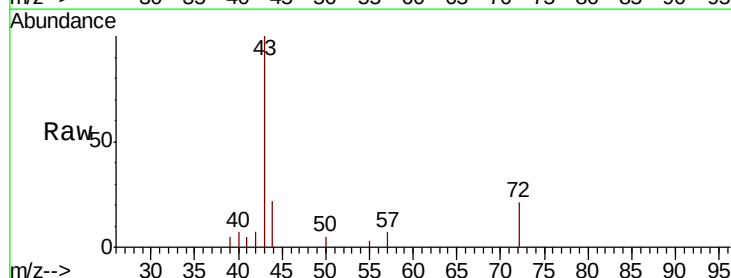
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-3

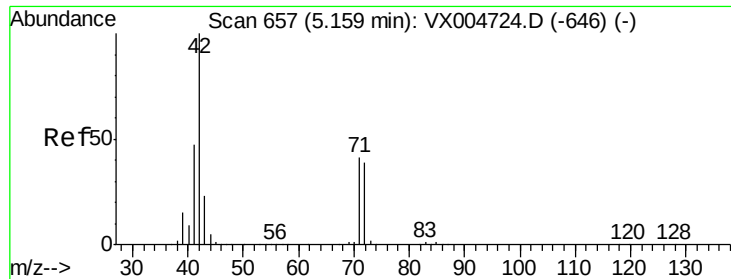
Tot Ion:	84	Resp:	725809
Ion	Ratio	Lower	Upper
84	100		
49	137.0	92.3	138.5
51	43.0	31.8	47.6
86	64.1	48.5	72.7



#25
2-Butanone
Concen: 2.269 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion:	43	Resp:	6061
Ion	Ratio	Lower	Upper
43	100		
72	20.9	20.8	31.2





#29

Tetrahydrofuran

Concen: 1.306 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-3

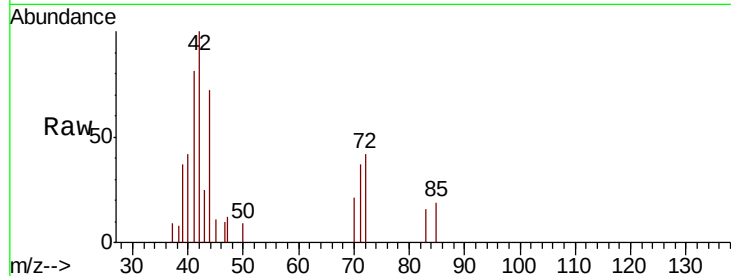
Tot Ion: 42 Resp: 2169

Ion Ratio Lower Upper

42 100

72 37.2 33.7 50.5

71 32.2 32.2 48.4#

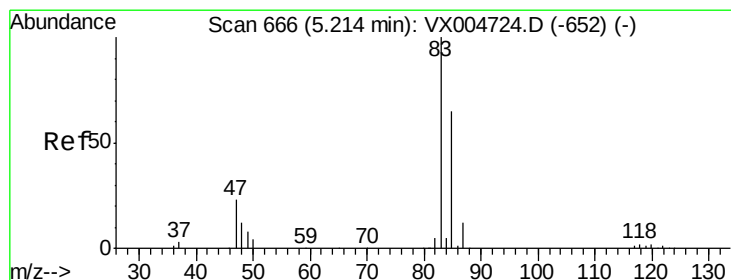
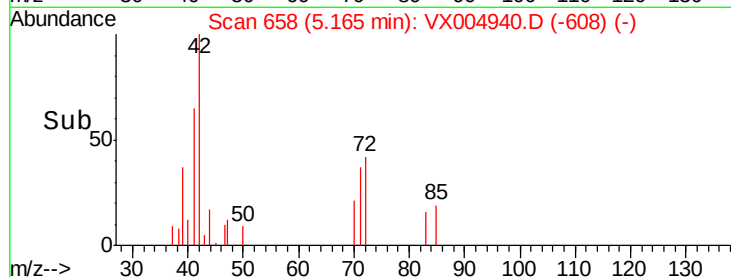
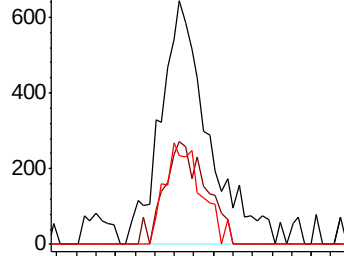


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.17



#30

Chloroform

Concen: 1.782 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004940.D

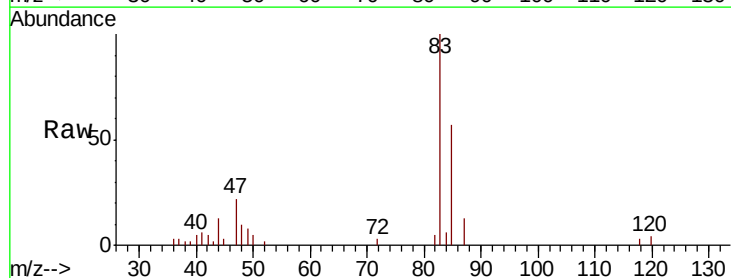
Acq: 03 Oct 2018 00:50

Tgt Ion: 83 Resp: 8690

Ion Ratio Lower Upper

83 100

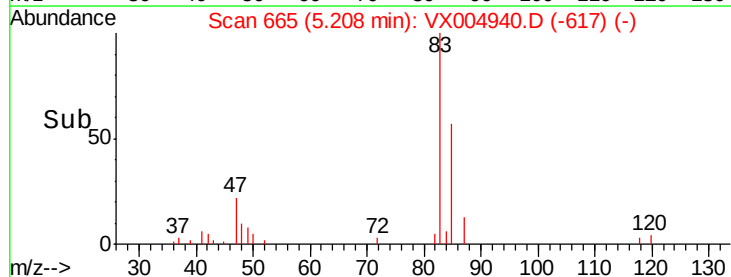
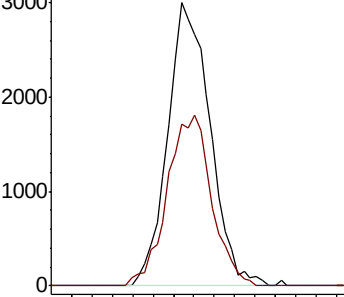
85 57.1 52.4 78.6

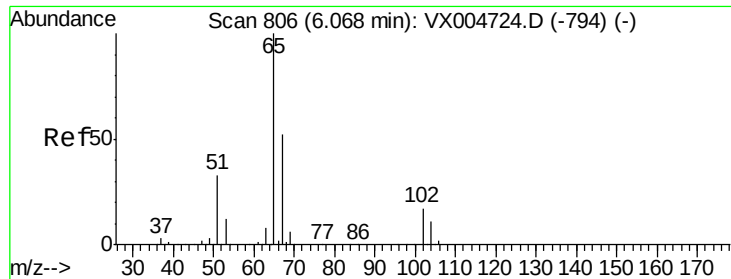


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

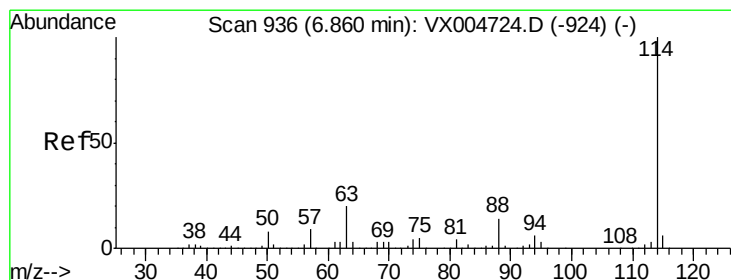
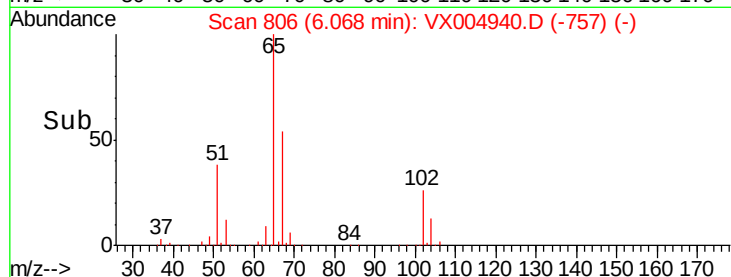
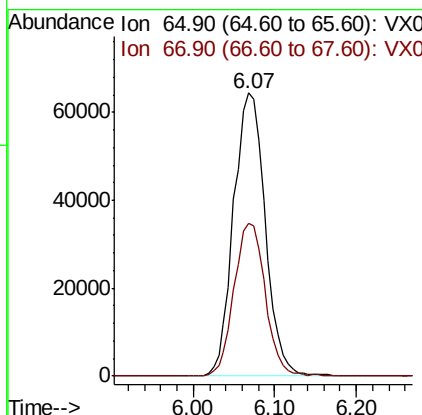
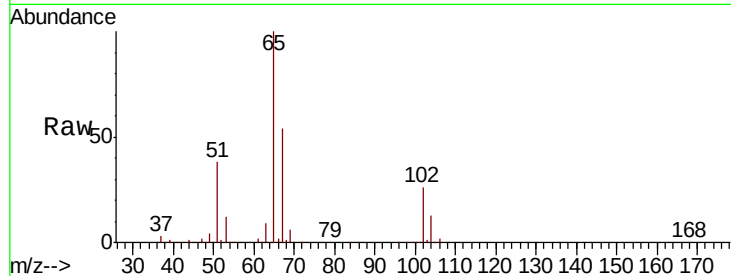




#33
 1,2-Dichloroethane-d4
 Concen: 55.707 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004940.D
 Acq: 03 Oct 2018 00:50

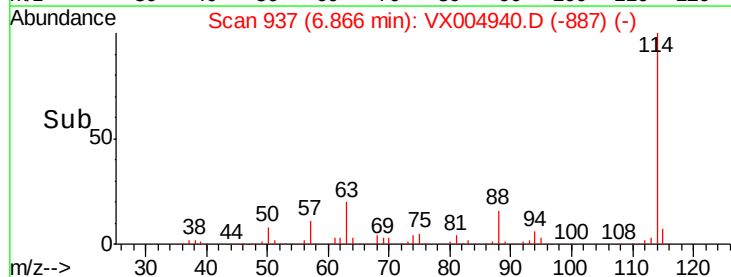
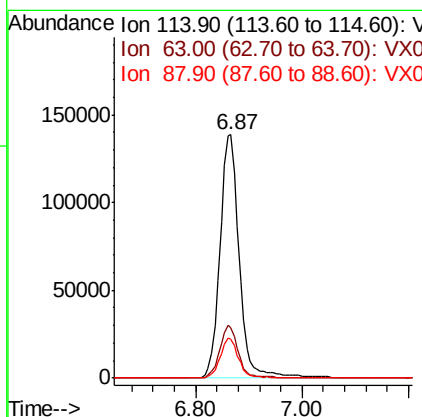
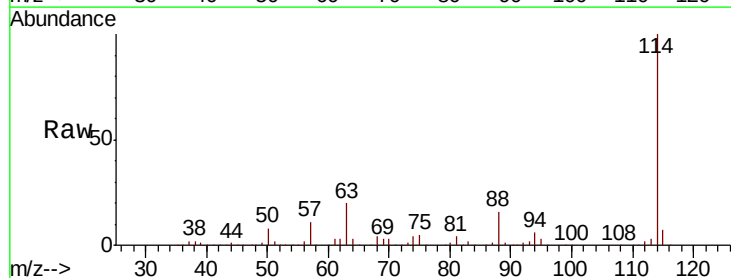
Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-3

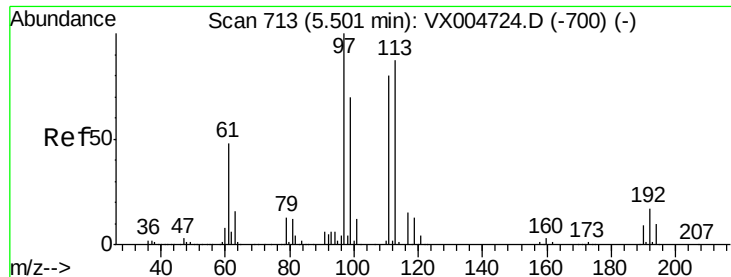
Tot Ion: 65 Resp: 172934
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004940.D
 Acq: 03 Oct 2018 00:50

Tgt Ion: 114 Resp: 352448
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 16.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.259 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-3

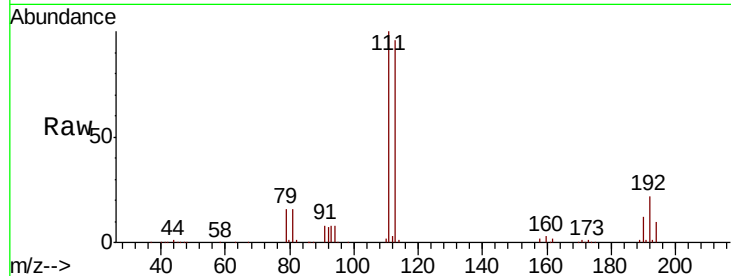
Tot Ion:113 Resp: 144153

Ion Ratio Lower Upper

113 100

111 102.8 77.0 115.4

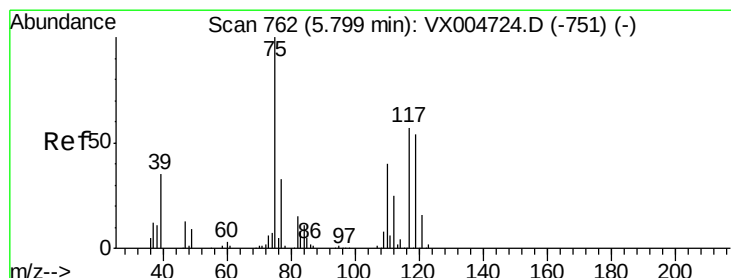
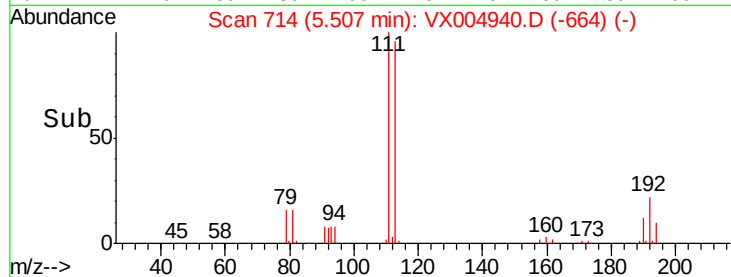
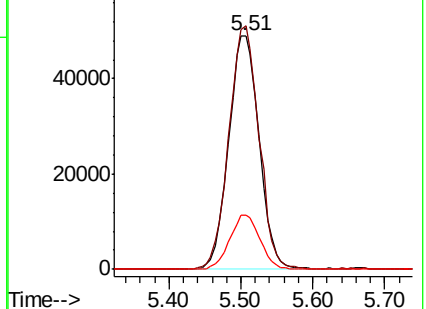
192 23.1 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.544 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

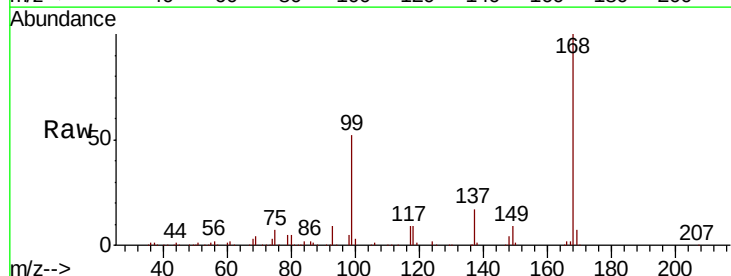
Tgt Ion: 75 Resp: 14444

Ion Ratio Lower Upper

75 100

110 8.5 20.0 59.9#

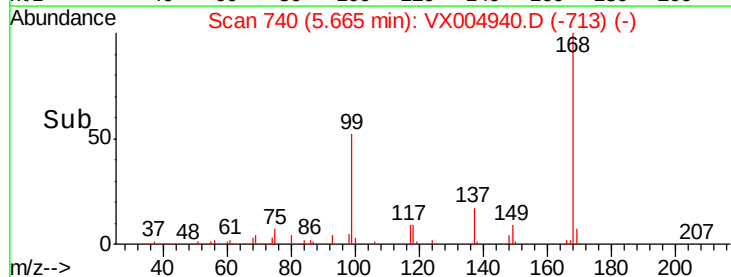
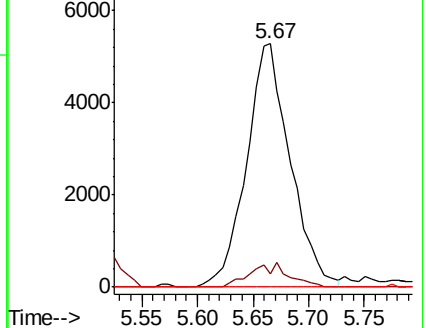
77 0.0 27.1 40.7#

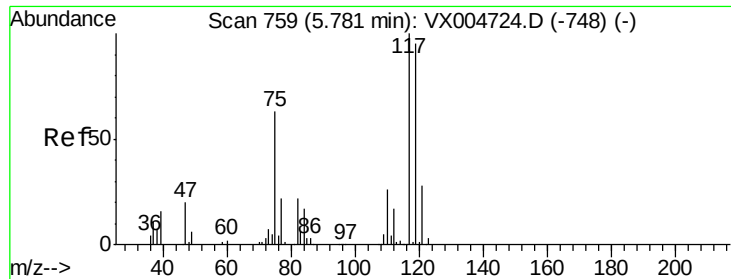


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.356 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-3

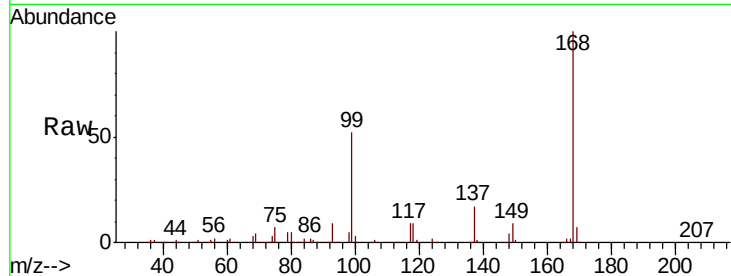
Tot Ion:117 Resp: 18662

Ion Ratio Lower Upper

117 100

119 6.3 75.2 112.8#

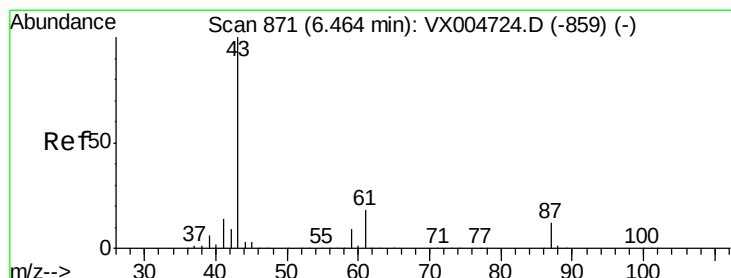
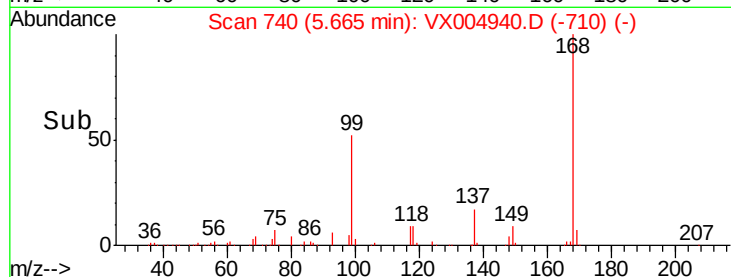
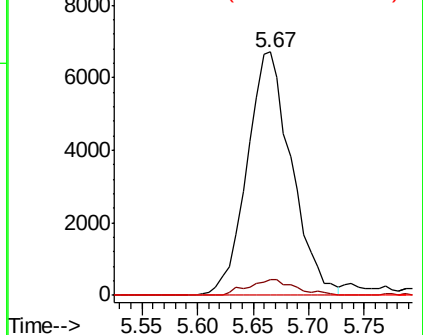
121 0.0 22.5 33.7#



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



#43

Isopropyl Acetate

Concen: 22.010 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

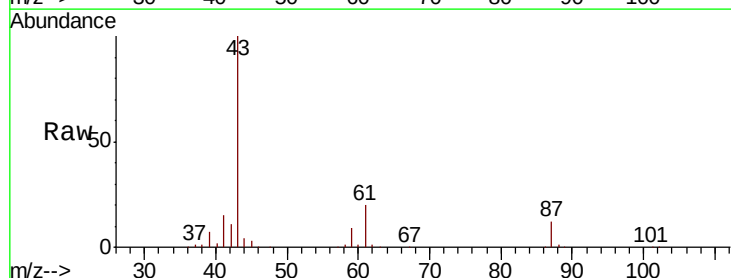
Tgt Ion: 43 Resp: 171855

Ion Ratio Lower Upper

43 100

61 18.9 14.2 21.4

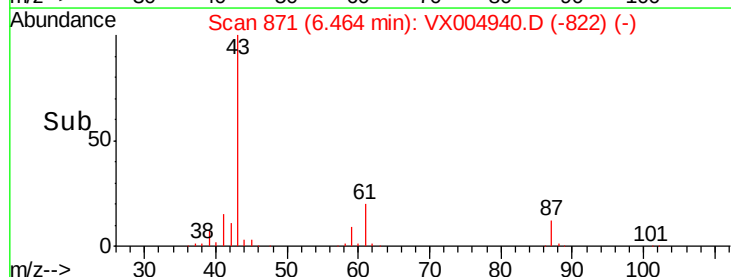
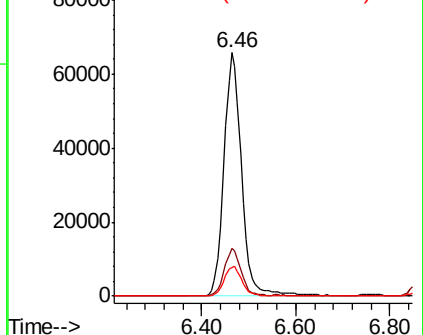
87 12.2 9.3 13.9

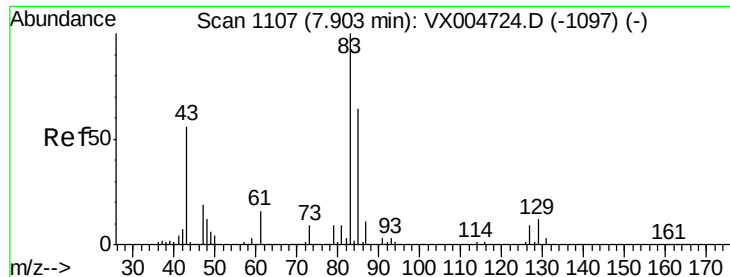


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.532 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-3

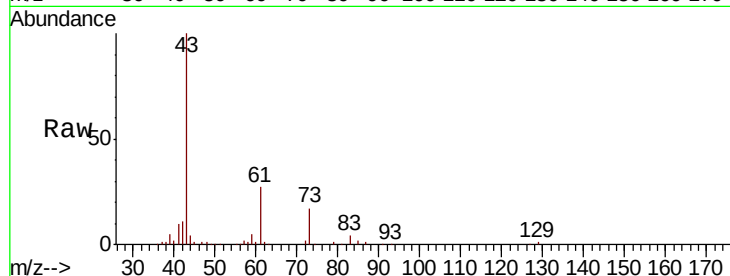
Tot Ion: 83 Resp: 1960

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

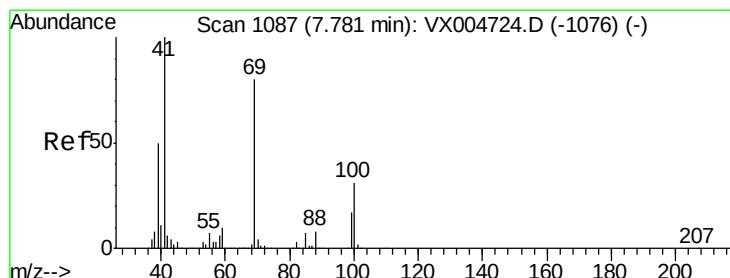
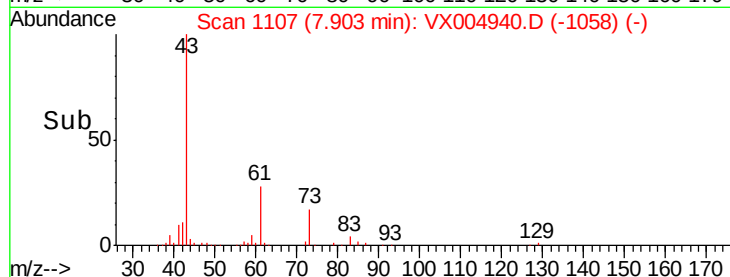
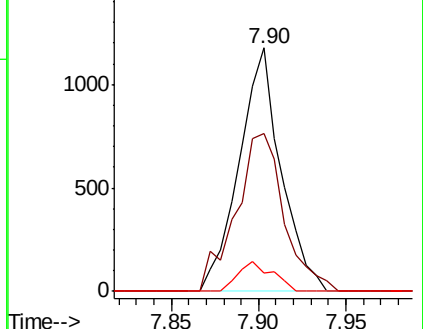
127 7.4 7.0 10.6



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

Methyl methacrylate

Concen: 4.717 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.10 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

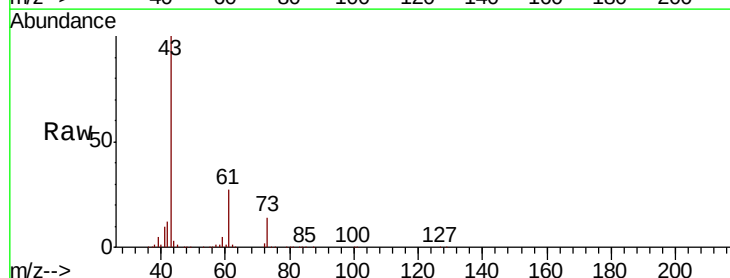
Tgt Ion: 41 Resp: 16718

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

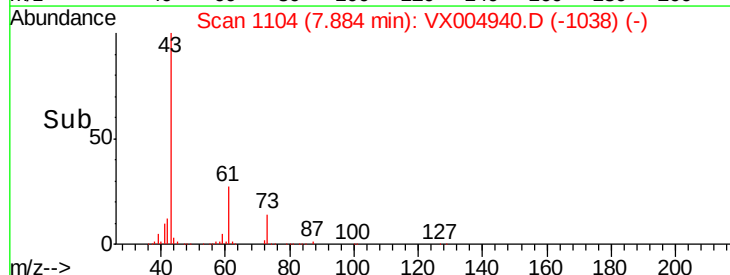
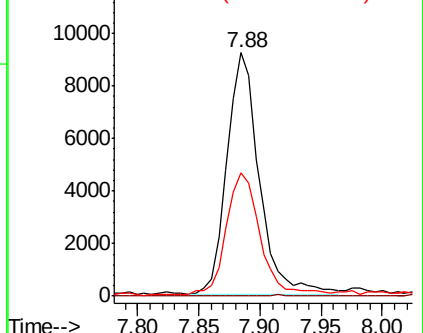
39 55.6 40.7 61.1

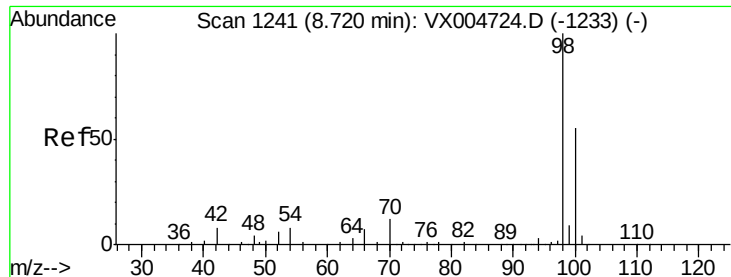


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

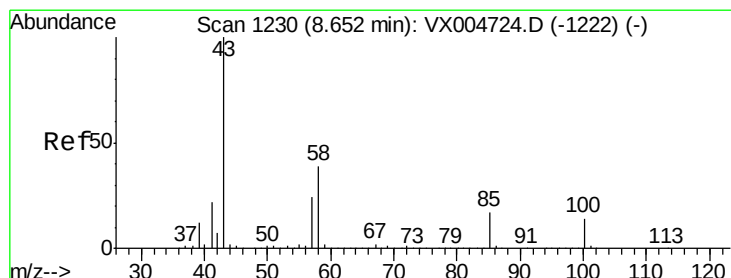
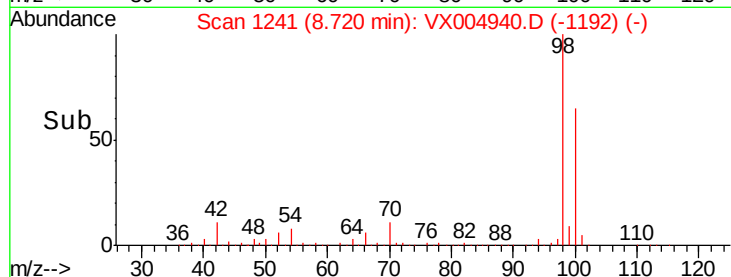
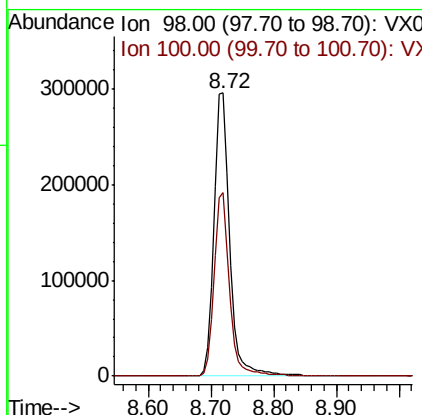
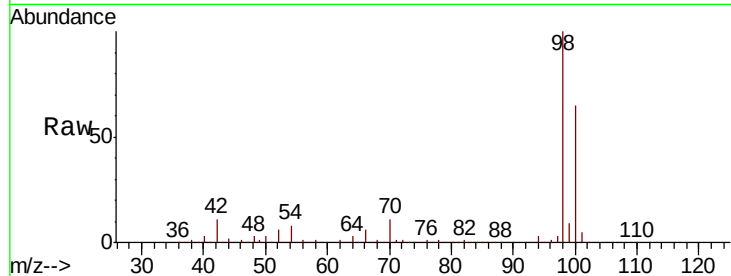




#50
Toluene-d8
Concen: 51.863 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

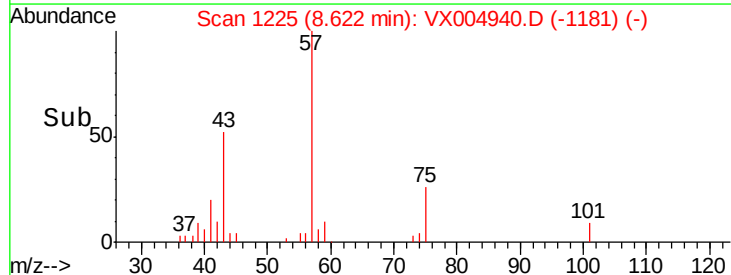
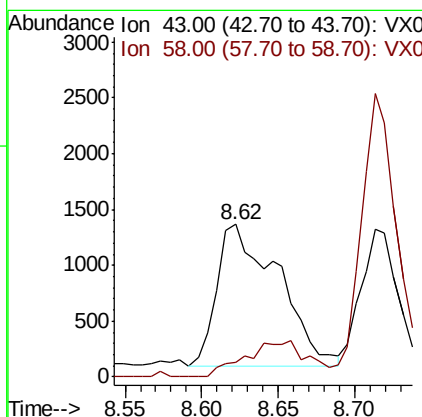
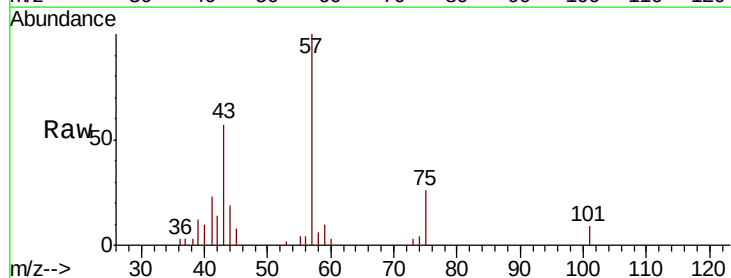
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-3

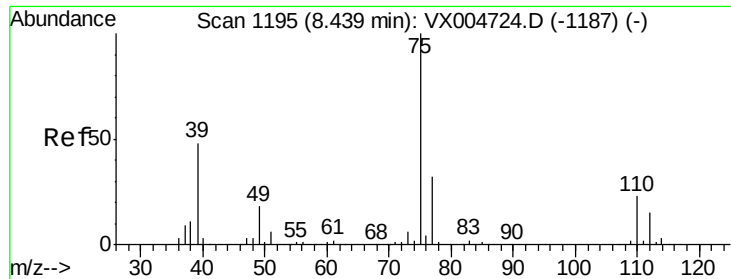
Tot Ion: 98 Resp: 515023
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.729 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#



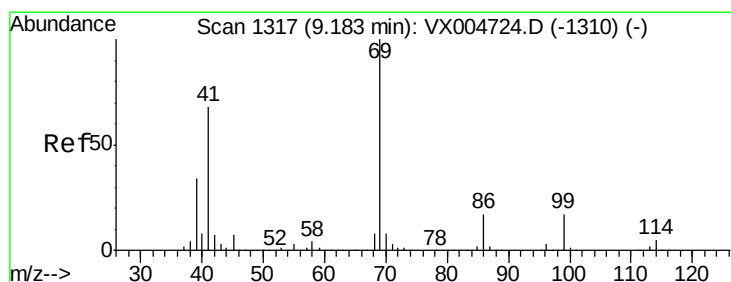
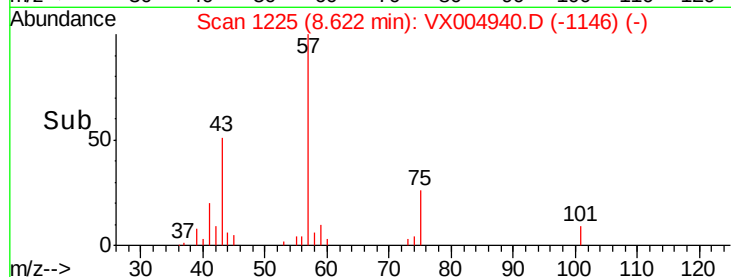
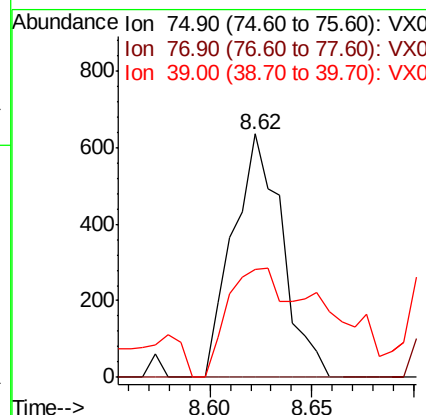
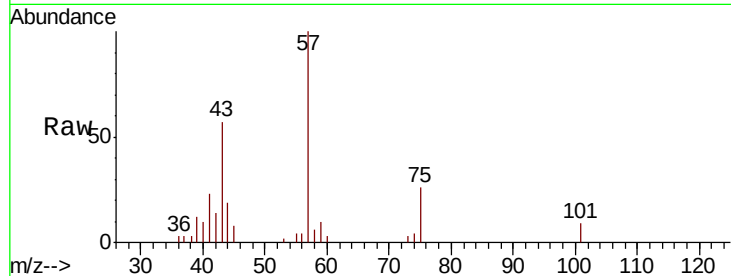


#54

cis-1,3-Dichloropropene
 Concen: 0.244 ug/l
 RT: 8.62 min Scan# 1225
 Delta R.T. 0.18 min
 Lab File: VX004940.D
 Acq: 03 Oct 2018 00:50

Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-3

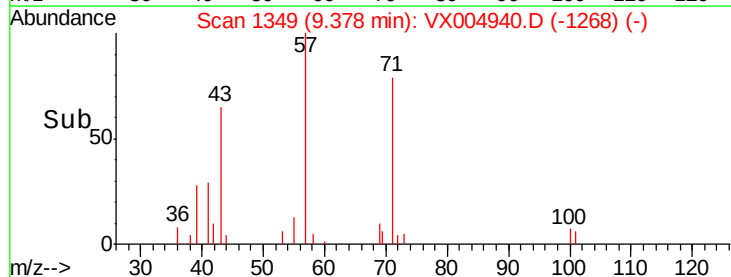
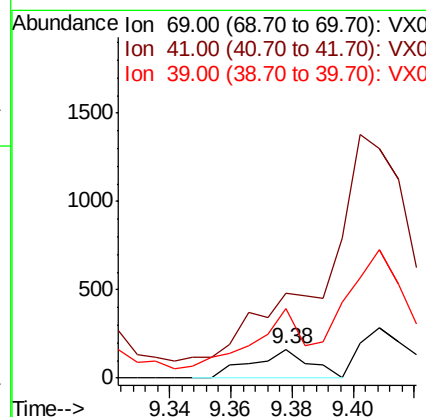
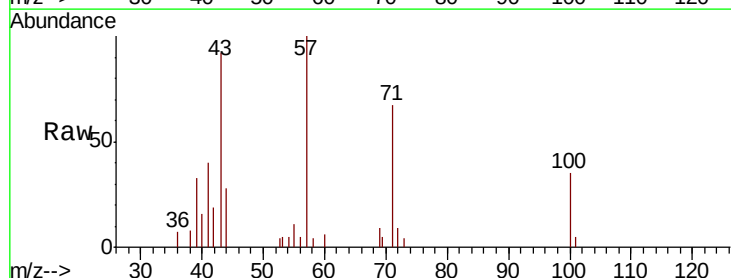
Tot Ion: 75 Resp: 1065
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 44.5 38.3 57.5

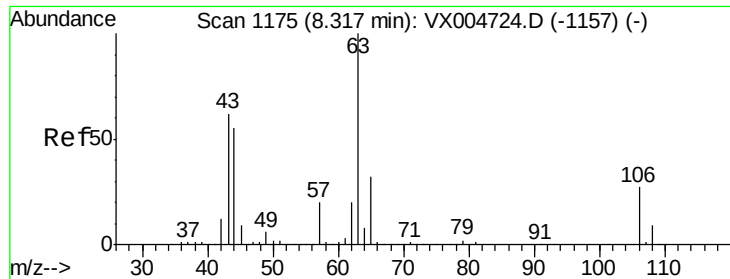


#56

Ethyl methacrylate
 Concen: 2.902 ug/l
 RT: 9.38 min Scan# 1349
 Delta R.T. 0.20 min
 Lab File: VX004940.D
 Acq: 03 Oct 2018 00:50

Tgt Ion: 69 Resp: 210
 Ion Ratio Lower Upper
 69 100
 41 0.0 56.9 85.3#
 39 171.0 28.4 42.6#

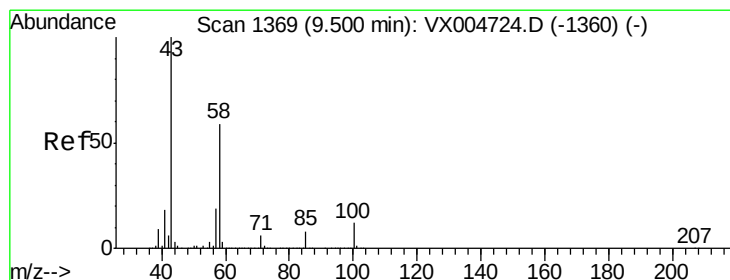
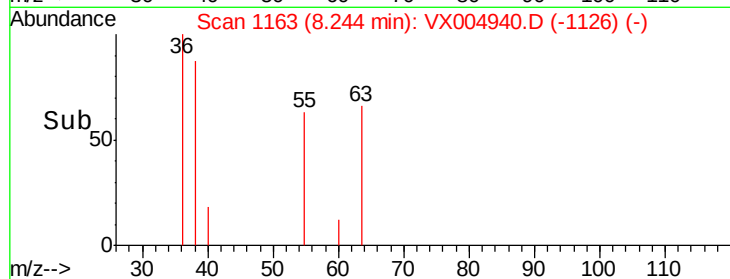
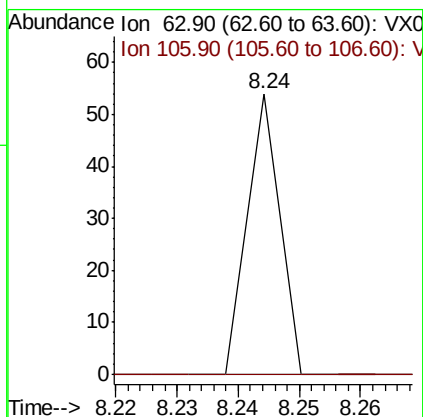
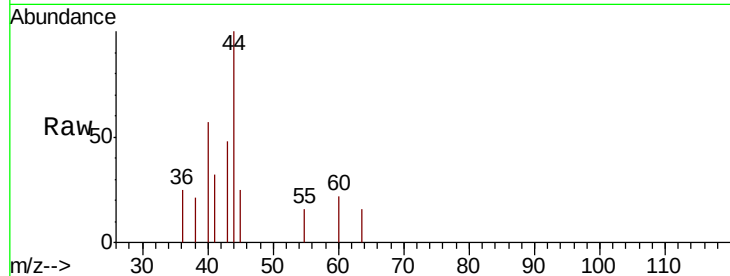




#58
2-Chloroethyl Vinyl ether
Concen: 14.249 ug/l
RT: 8.24 min Scan# 1163
Delta R.T. -0.07 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

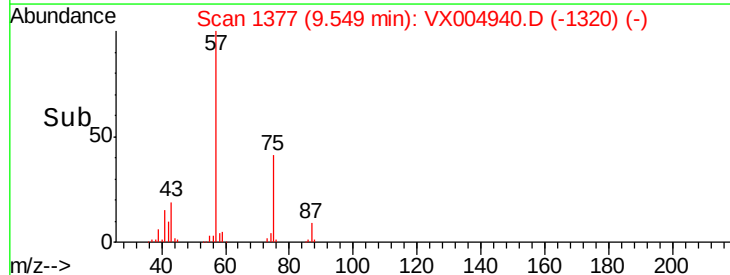
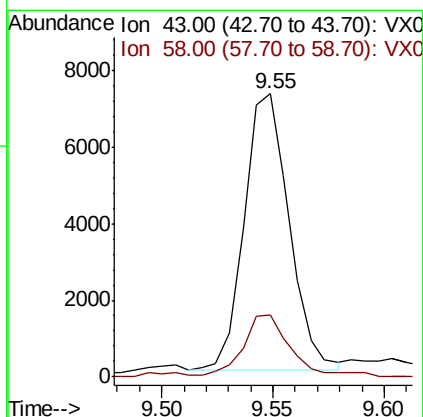
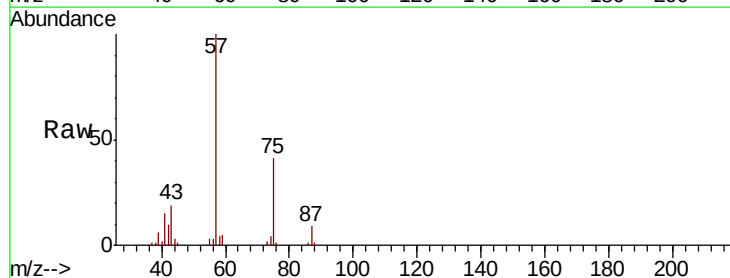
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-3

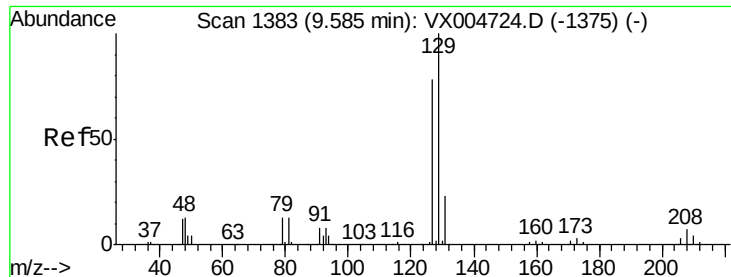
Tot Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#59
2-Hexanone
Concen: 2.479 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion: 43 Resp: 10158
Ion Ratio Lower Upper
43 100
58 23.9 28.4 85.3#

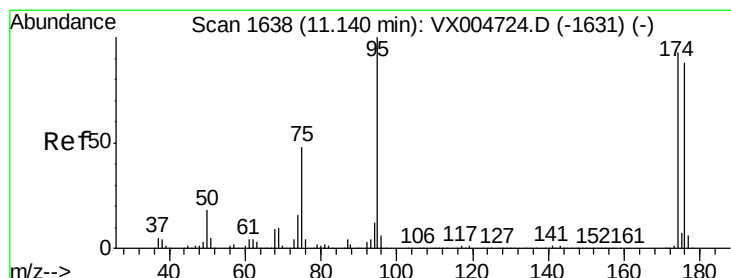
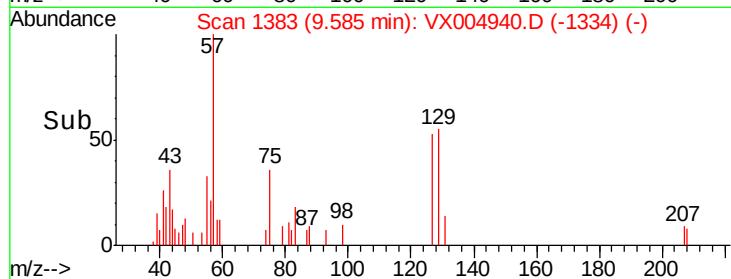
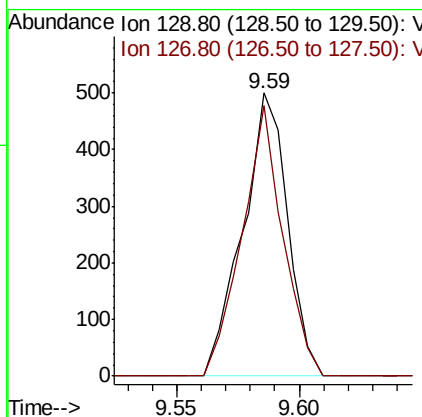
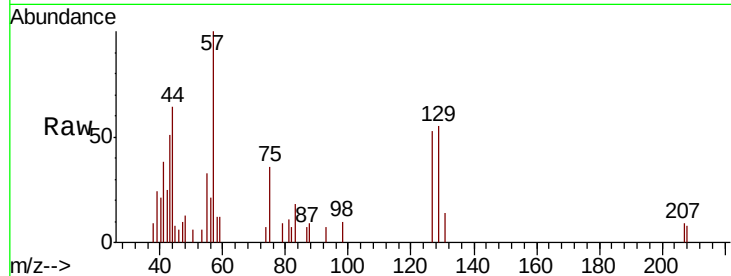




#60
 Dibromochloromethane
 Concen: 0.208 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VX004940.D
 Acq: 03 Oct 2018 00:50

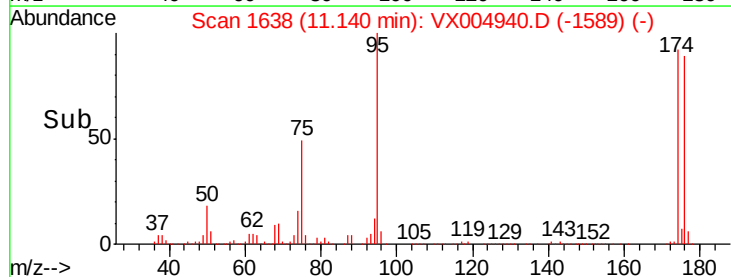
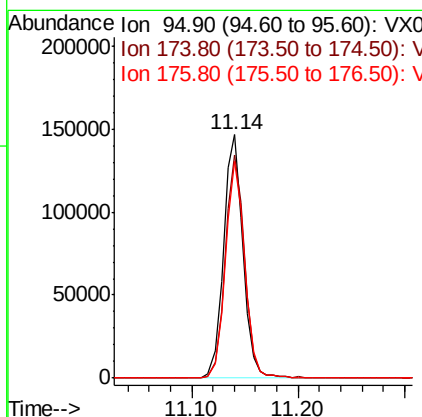
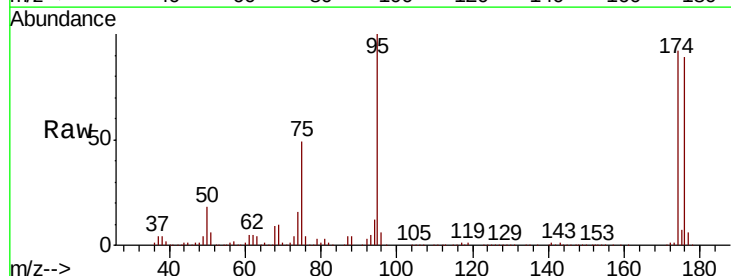
Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-3

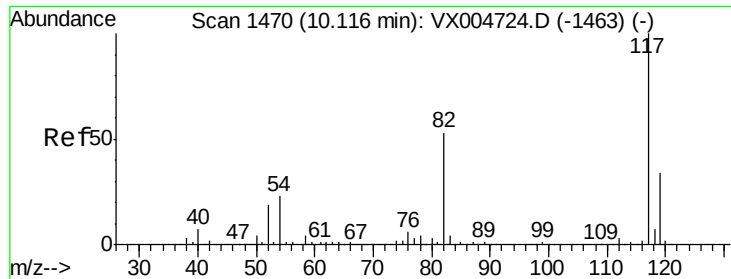
Tot Ion:129 Resp: 640
 Ion Ratio Lower Upper
 129 100
 127 87.3 39.1 117.2



#62
 4-Bromofluorobenzene
 Concen: 52.058 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004940.D
 Acq: 03 Oct 2018 00:50

Tgt Ion: 95 Resp: 186235
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 185.0
 176 89.0 0.0 180.2

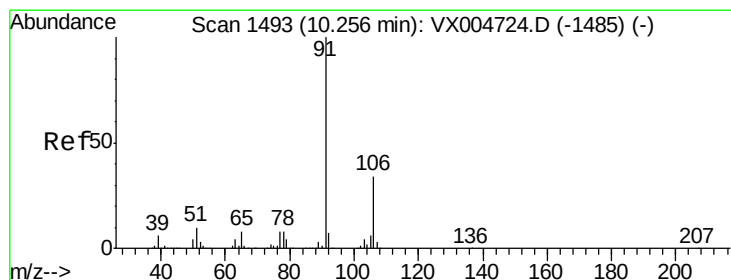
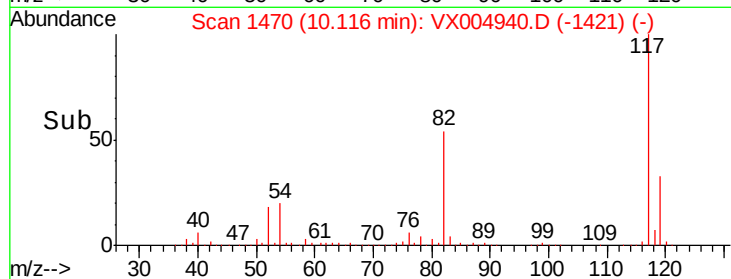
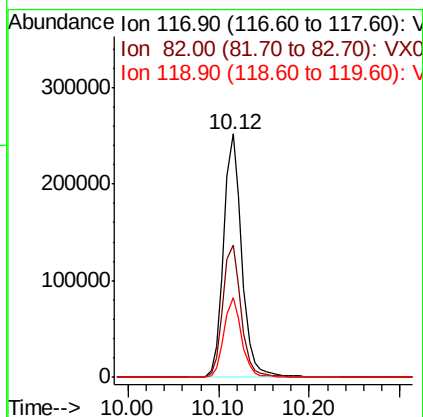
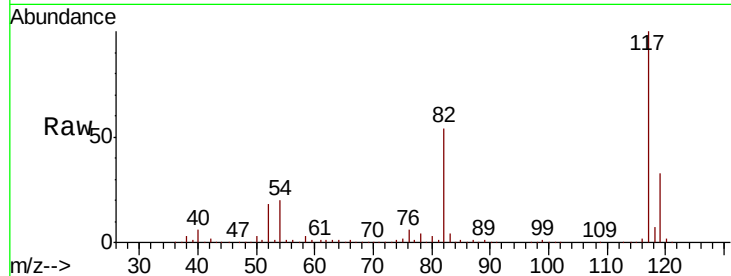




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

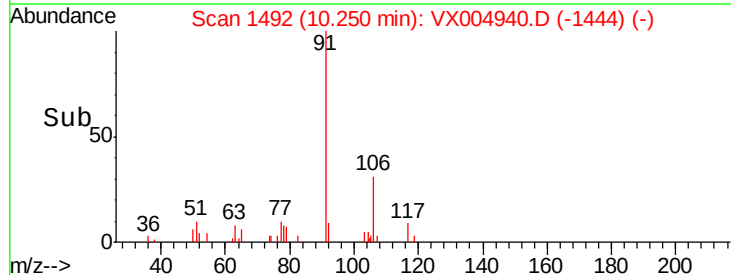
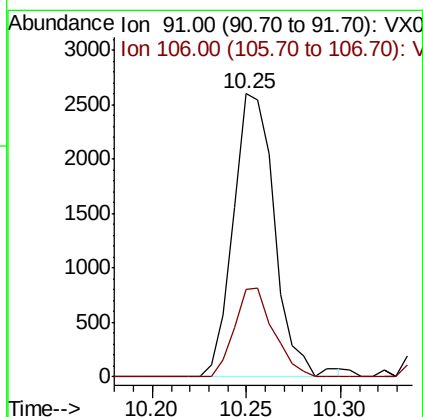
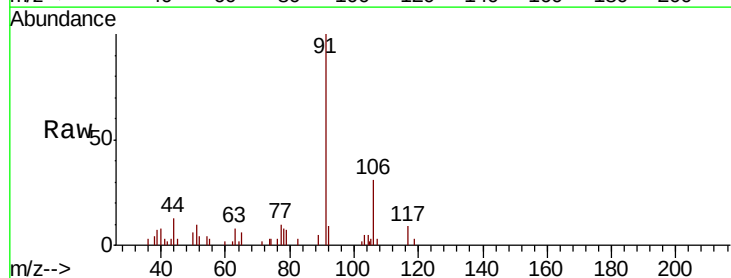
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-3

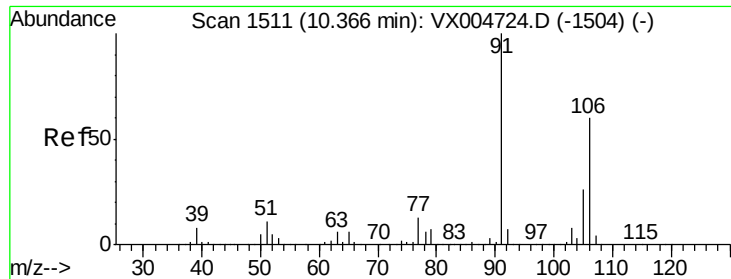
Tot Ion:117 Resp: 352208
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.8 27.4 41.0



#67
Ethyl Benzene
Concen: 0.276 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion: 91 Resp: 3953
Ion Ratio Lower Upper
91 100
106 31.0 26.9 40.3

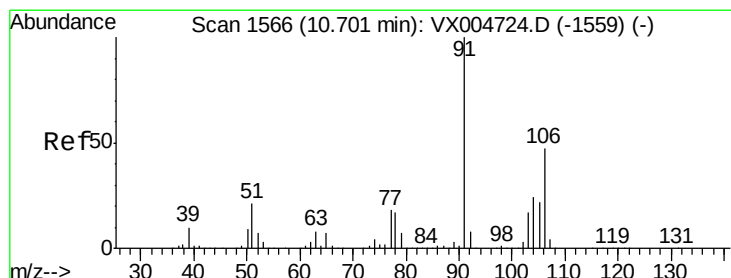
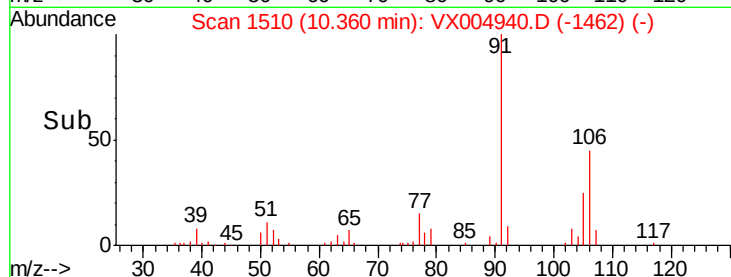
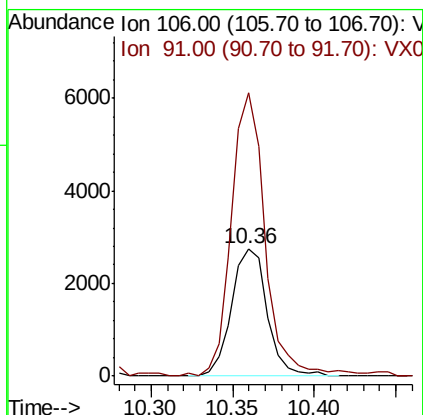
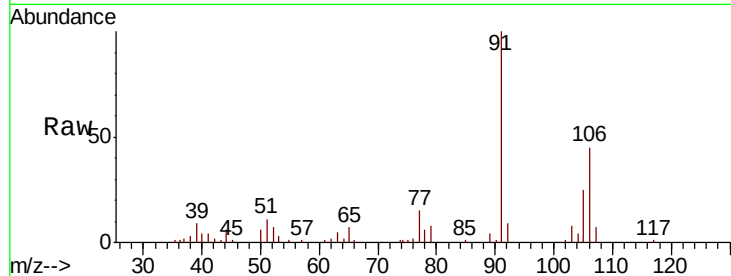




#68
m/p-Xylenes
Concen: 0.747 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

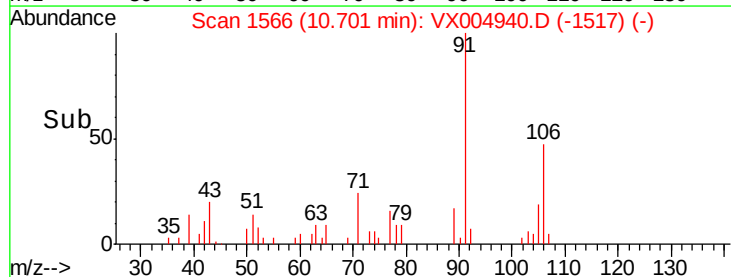
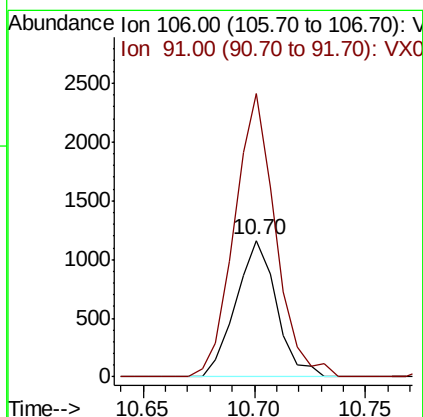
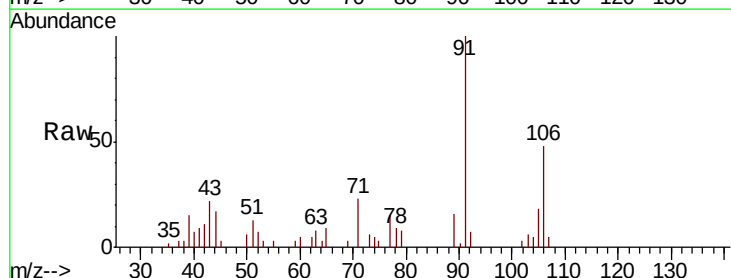
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-3

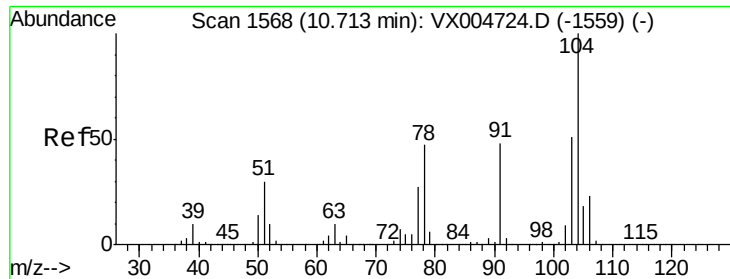
Tot Ion:106 Resp: 4184
Ion Ratio Lower Upper
106 100
91 211.4 157.5 236.3



#69
o-Xylene
Concen: 0.288 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion:106 Resp: 1482
Ion Ratio Lower Upper
106 100
91 209.2 108.3 324.8





#70

Stvrene

Concen: 2.169 ug/l

RT: 10.72 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-3

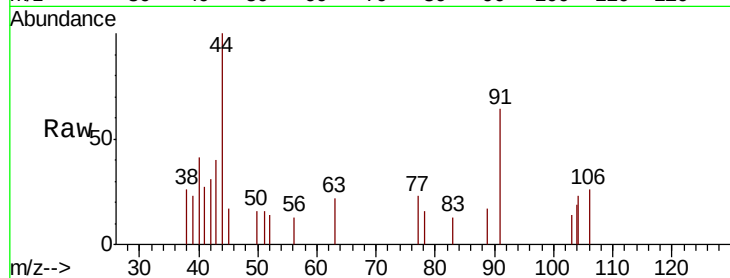
Tot Ion:104 Resp: 291

Ion Ratio Lower Upper

104 100

78 122.3 40.0 60.0#

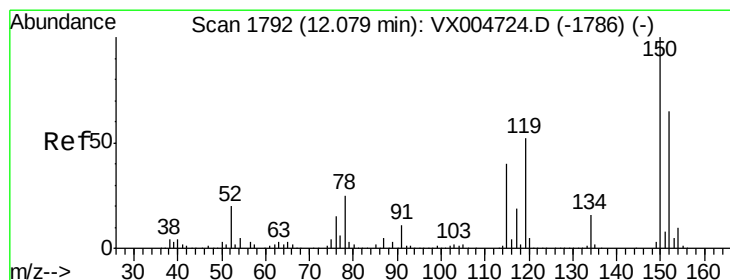
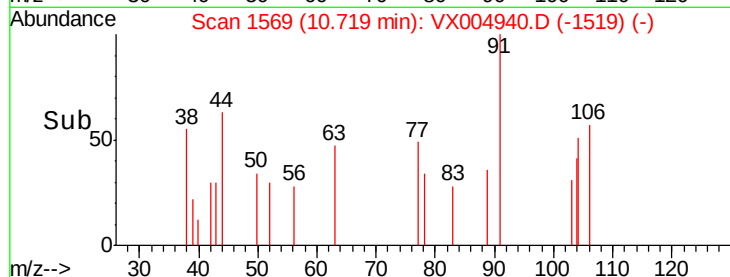
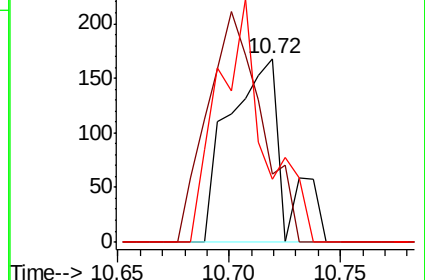
103 112.0 44.3 66.5#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

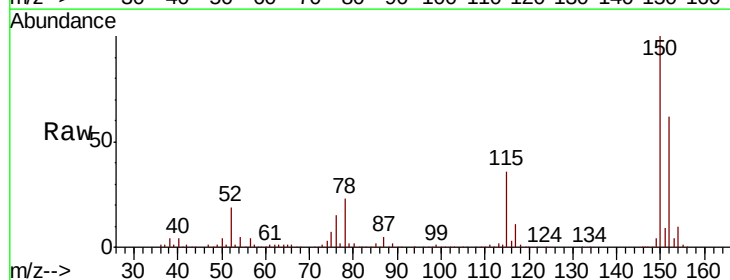
Tgt Ion:152 Resp: 195165

Ion Ratio Lower Upper

152 100

115 55.8 40.2 120.6

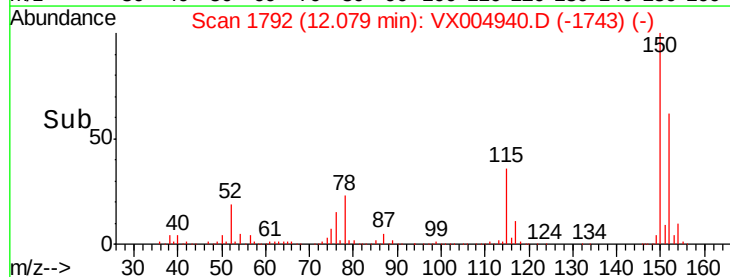
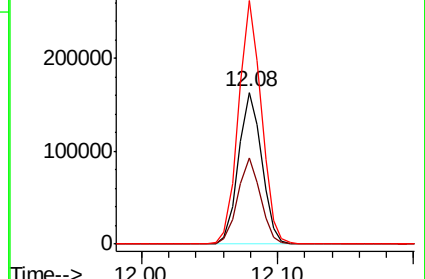
150 157.6 0.0 351.0

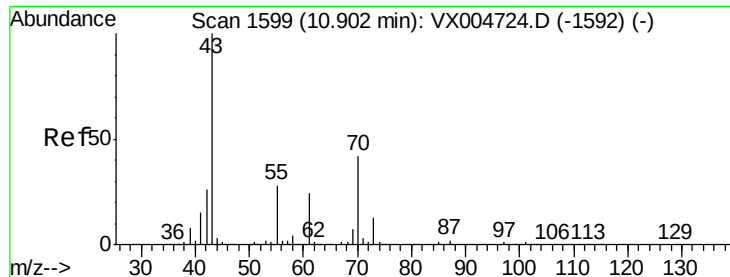


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.758 ug/l

RT: 10.93 min Scan# 1603

Delta R.T. 0.02 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-3

Tot Ion: 43 Resp: 71

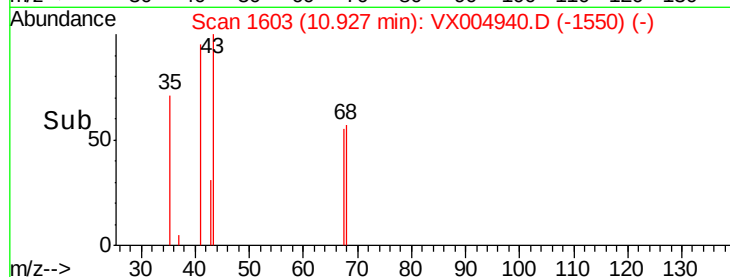
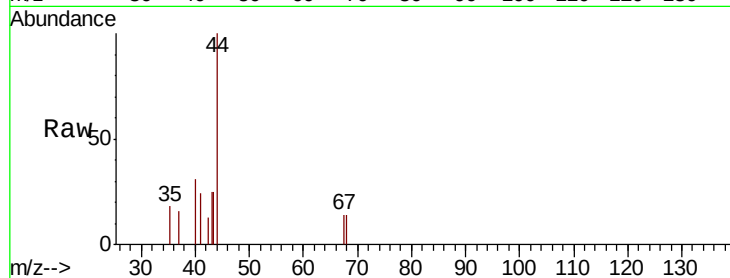
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 36.6 21.6 32.4#

61 0.0 19.1 28.7#

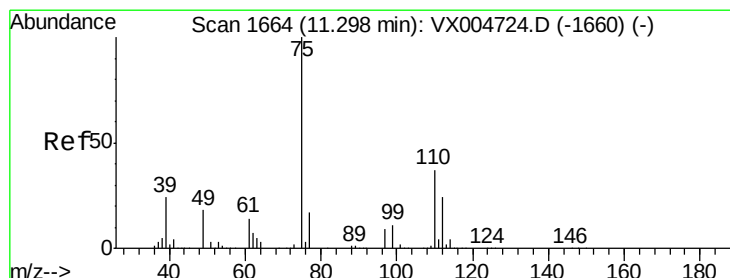
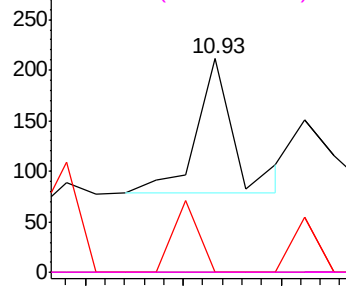


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.106 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004940.D

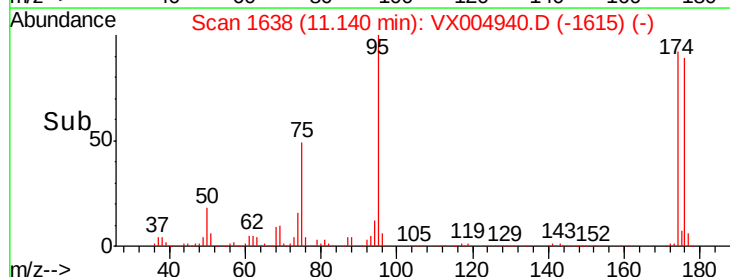
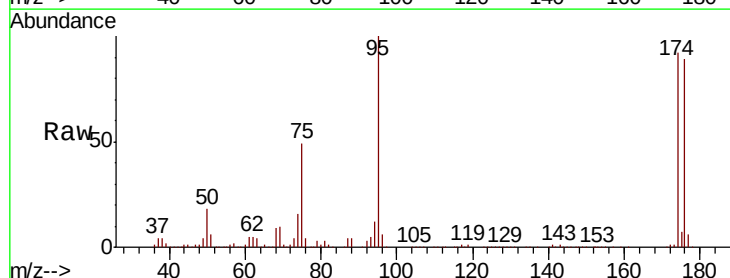
Acq: 03 Oct 2018 00:50

Tgt Ion: 75 Resp: 92325

Ion Ratio Lower Upper

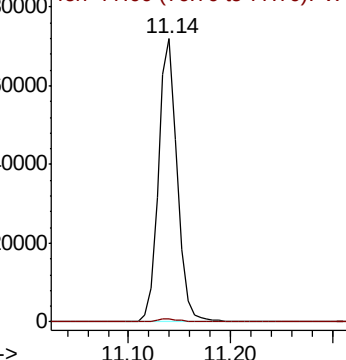
75 100

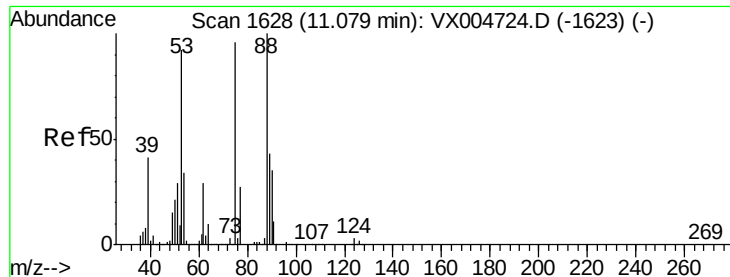
77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

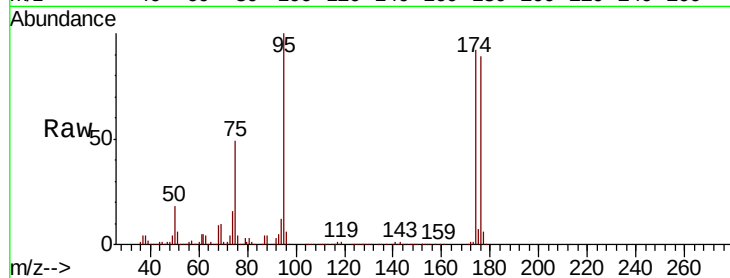




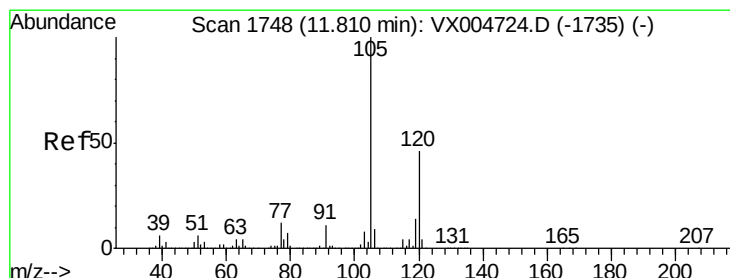
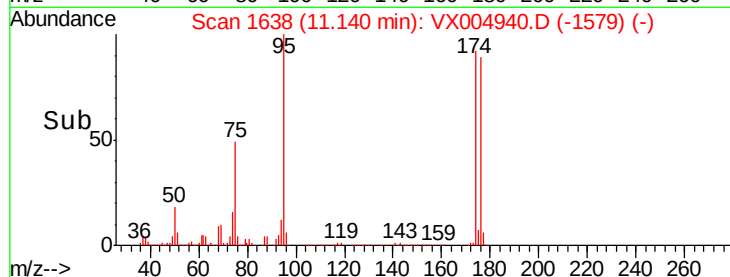
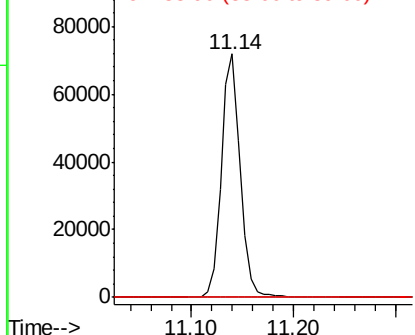
#81
trans-1,4-Dichloro-2-butene
Concen: 57.263 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-3

Tot Ion: 75 Resp: 92325
Ion Ratio Lower Upper
75 100
53 0.4 80.2 120.4#
89 0.0 37.1 55.7#

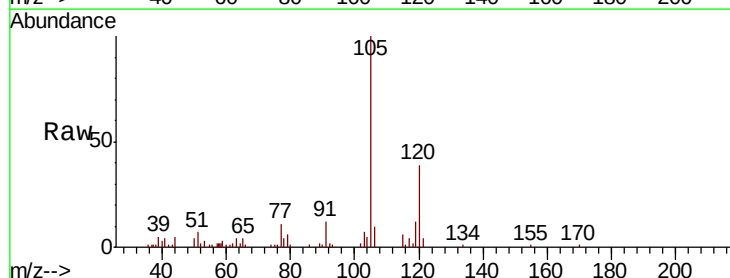


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

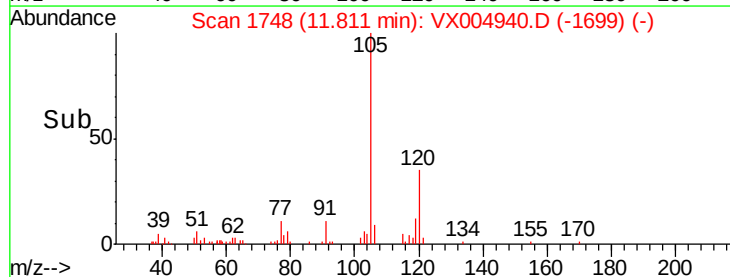
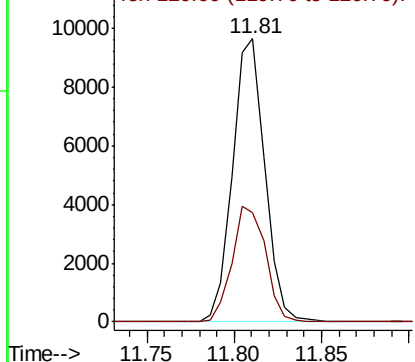


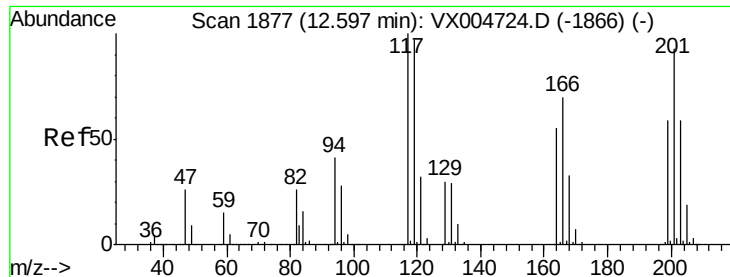
#84
1,2,4-Trimethylbenzene
Concen: 0.868 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion:105 Resp: 12354
Ion Ratio Lower Upper
105 100
120 42.6 22.8 68.3



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





#90

Hexachloroethane

Concen: 0.220 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

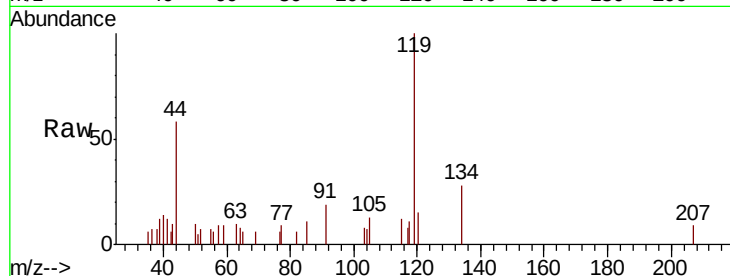
HC-SOIL-3

Tot Ion:117 Resp: 409

Ion Ratio Lower Upper

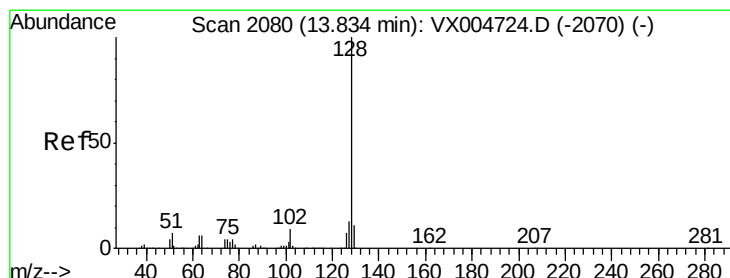
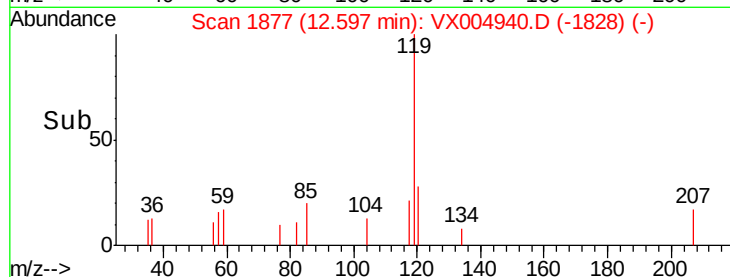
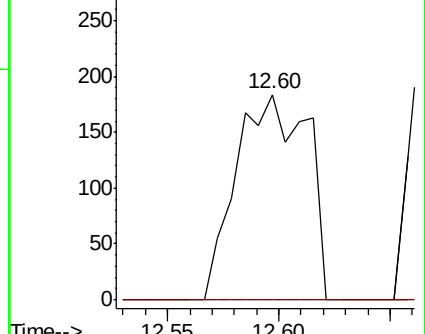
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.601 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

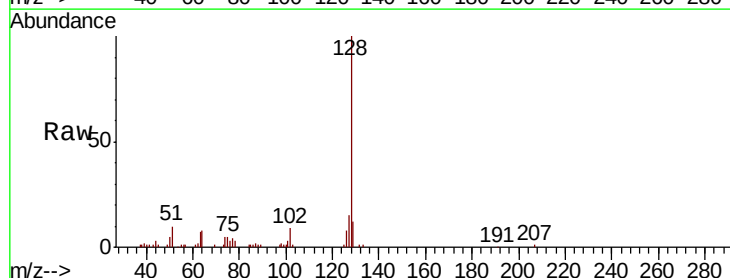
Tgt Ion:128 Resp: 14522

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

