

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051120\
 Data File : VX016161.D
 Acq On : 11 May 2020 19:51
 Operator : JC/SP
 Sample : L2571-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPARATOR

Quant Time: May 12 07:01:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	291935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	491133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	485144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	243358	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	180101	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
35) Dibromofluoromethane	5.47	113	150239	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	8.70	98	604358	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.12	95	247314	54.24	ug/l	0.00
Spiked Amount			Recovery	=	108.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	7783	8.012	ug/l #	90
13) Acrolein	2.28	56	4006	6.590	ug/l	87
14) Allyl chloride	2.68	41	1967	0.354	ug/l #	50
16) Acetone	2.42	43	656172	382.815	ug/l	96
17) Carbon Disulfide	2.56	76	1660	Below Cal		99
18) Methyl Acetate	2.75	43	10514	2.495	ug/l	98
20) Methylene Chloride	2.84	84	201138	56.923	ug/l	98
22) Diisopropyl ether	3.95	45	127215	12.119	ug/l #	1
23) Vinyl Acetate	3.94	43	291487	31.562	ug/l #	71
25) 2-Butanone	4.64	43	179334	64.928	ug/l	99
28) Bromochloromethane	5.18	49	2746	1.026	ug/l #	12
29) Tetrahydrofuran	5.11	42	3178	1.736	ug/l #	54
30) Chloroform	5.18	83	33488	5.728	ug/l	95
31) Cyclohexane	5.63	56	5633	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	21467	4.440	ug/l #	49
37) Ethyl Acetate	4.79	43	132529	23.652	ug/l	97
38) Carbon Tetrachloride	5.63	117	27303	5.556	ug/l #	14
43) Isopropyl Acetate	6.42	43	95855	10.722	ug/l	99
48) Methyl methacrylate	7.85	41	138488	32.690	ug/l #	40
49) 1,4-Dioxane	7.71	88	42	0.413	ug/l #	24
51) 4-Methyl-2-Pentanone	8.60	43	85793	15.682	ug/l #	34
56) Ethyl methacrylate	9.07	69	2825	0.499	ug/l #	25
57) 1,3-Dichloropropane	9.52	76	6641	1.097	ug/l #	47
59) 2-Hexanone	9.52	43	84262	19.612	ug/l #	50
60) Dibromochloromethane	9.32	129	2056	0.538	ug/l #	11
64) Tetrachloroethene	9.32	164	2177	0.366	ug/l	94
68) m/p-Xylenes	10.34	106	1916	0.282	ug/l	96
74) N-amyl acetate	10.88	43	8659	1.049	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.26	83	805	2.293	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	121120	21.933	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	3496	0.234	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	121120	52.267	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.65	105	3716	0.246	ug/l	76
85) sec-Butylbenzene	11.79	105	110702	6.366	ug/l #	56

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QLast Update : Wed May 06 06:43:32 2020
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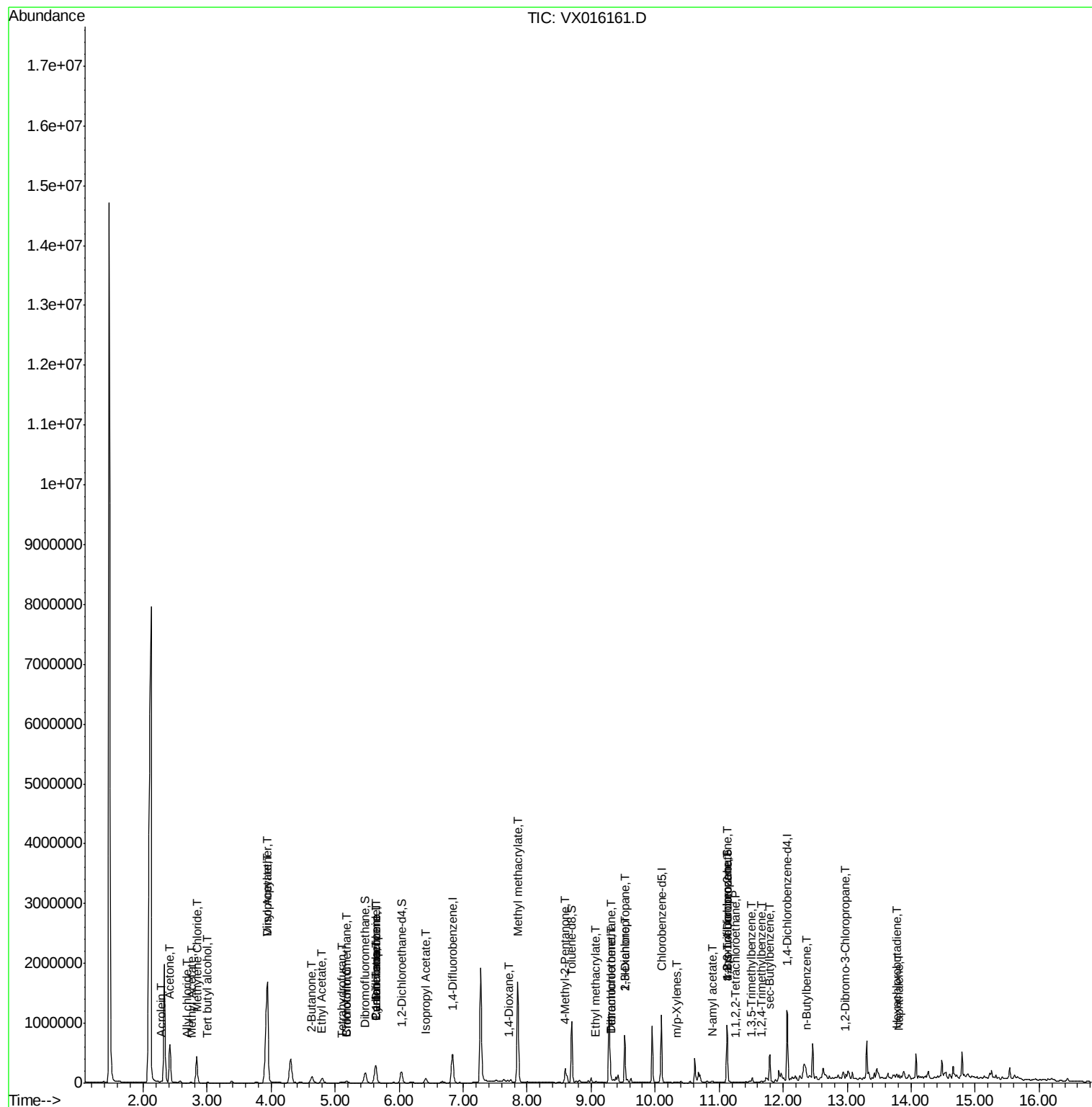
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	5163	0.350	ug/l #	59
92) 1,2-Dibromo-3-Chloropropan	12.97	75	320	0.220	ug/l #	37
94) Hexachlorobutadiene	13.77	225	139	0.578	ug/l	69
95) Naphthalene	13.82	128	7667	0.405	ug/l #	82

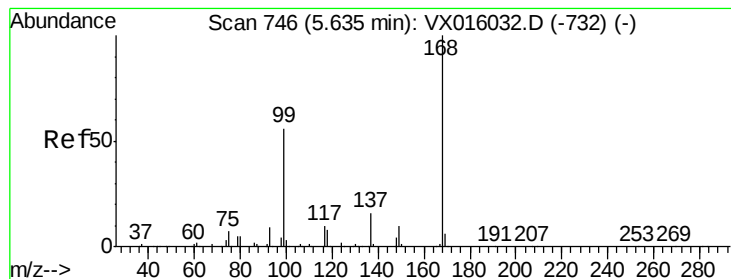
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

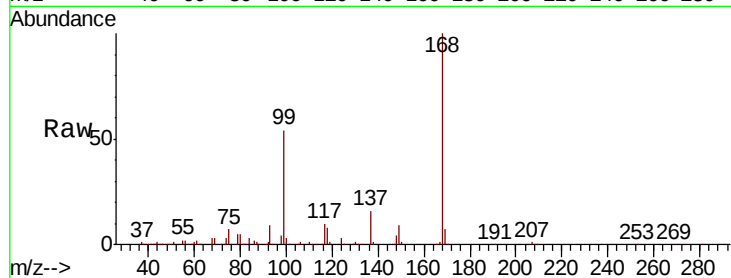
OIL-WATER-SEPARATOR

Tot Ion:168 Resp: 291935

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

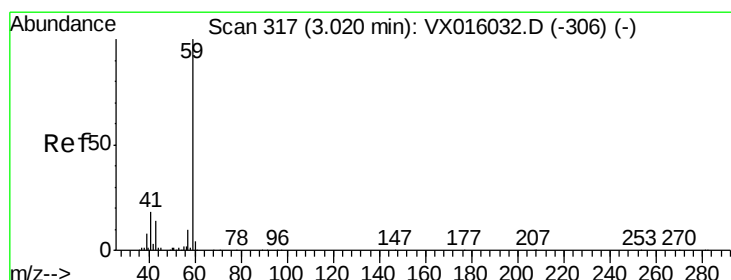
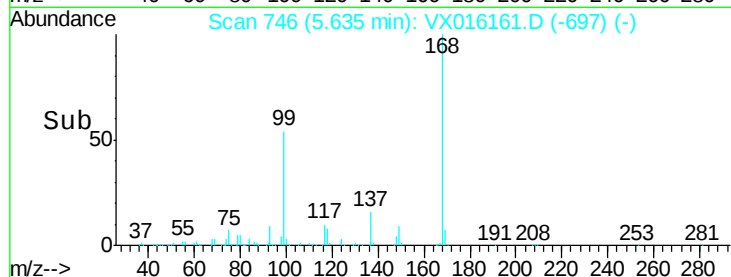
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 8.012 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016161.D

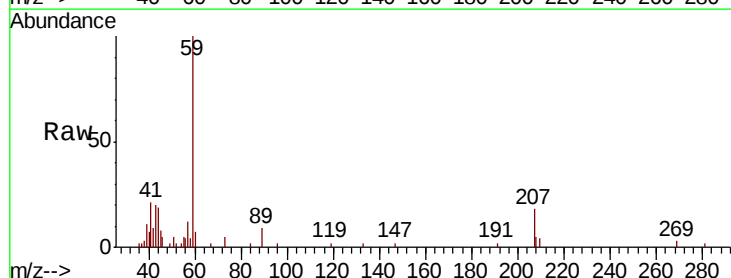
Acq: 11 May 2020 19:51

Tgt Ion: 59 Resp: 7783

Ion Ratio Lower Upper

59 100

57 14.2 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

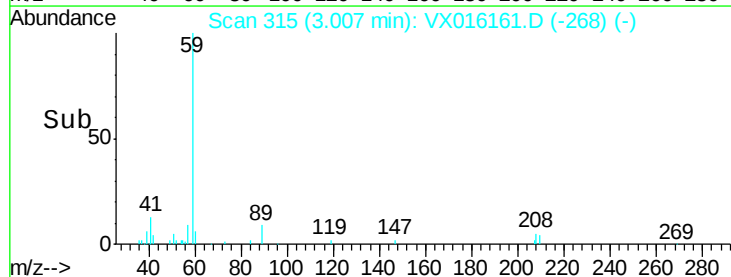
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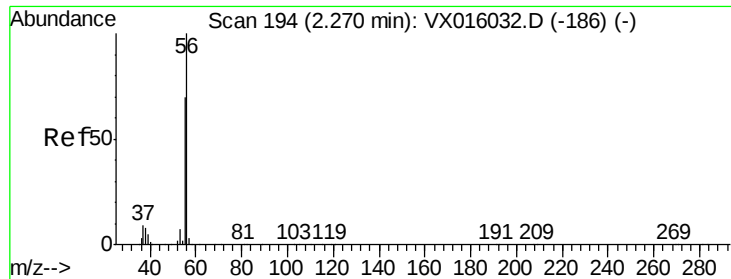
2000

1000

0

Time-->

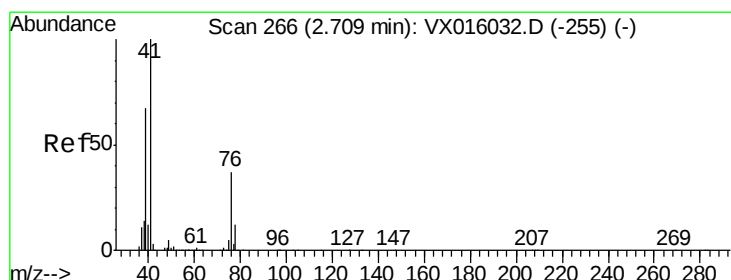
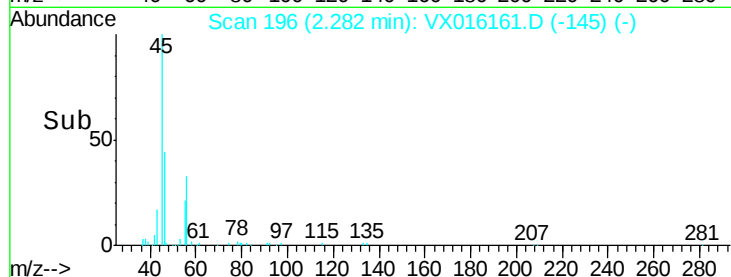
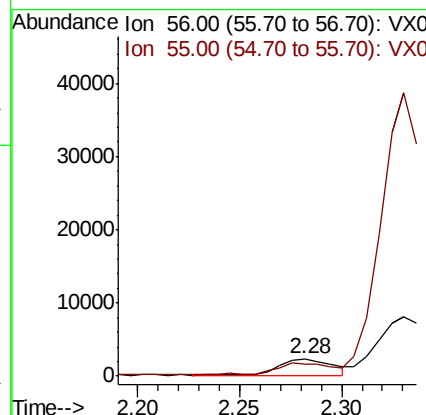
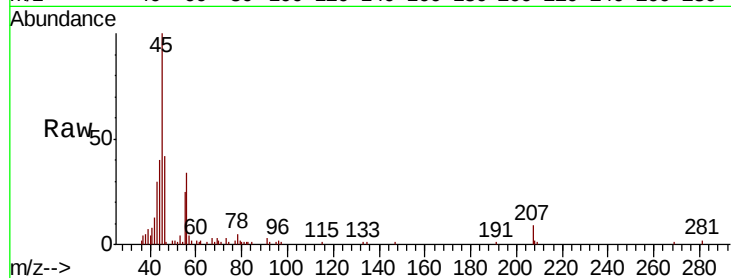




#13
Acrolein
Concen: 6.590 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

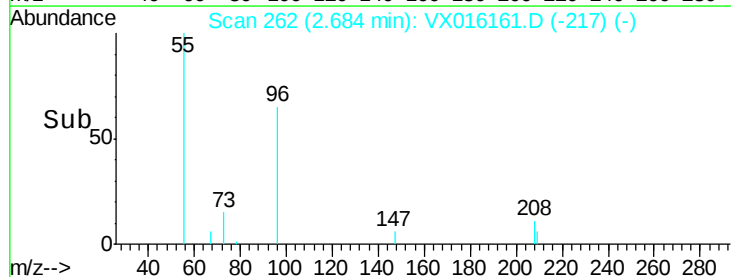
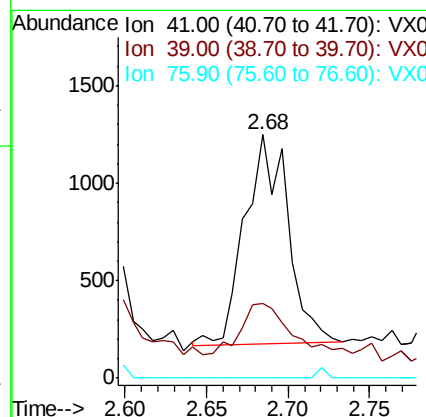
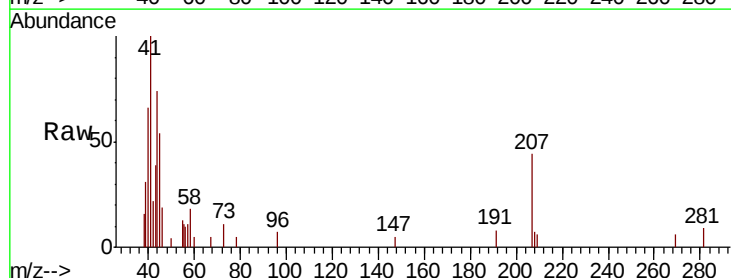
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR

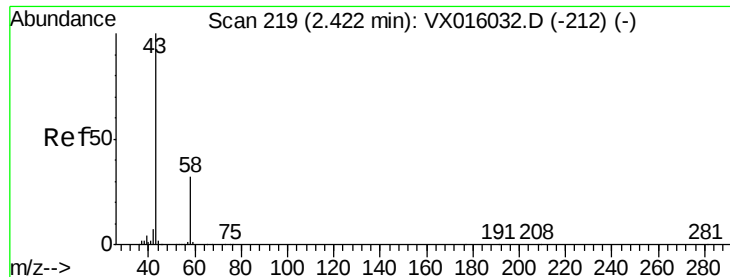
Tot Ion: 56 Resp: 4006
Ion Ratio Lower Upper
56 100
55 81.6 56.5 84.7



#14
Allyl chloride
Concen: 0.354 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

Tgt Ion: 41 Resp: 1967
Ion Ratio Lower Upper
41 100
39 27.6 50.5 75.7#
76 0.0 26.6 40.0#

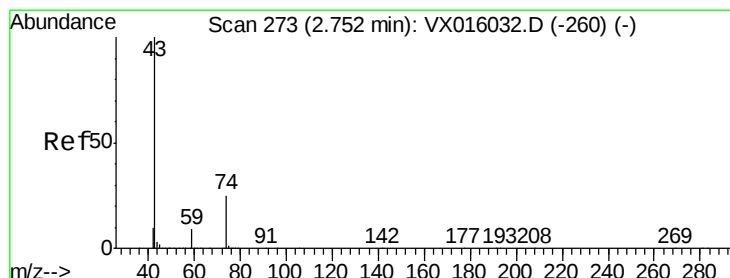
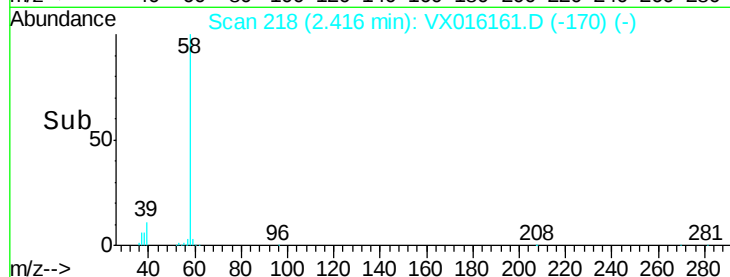
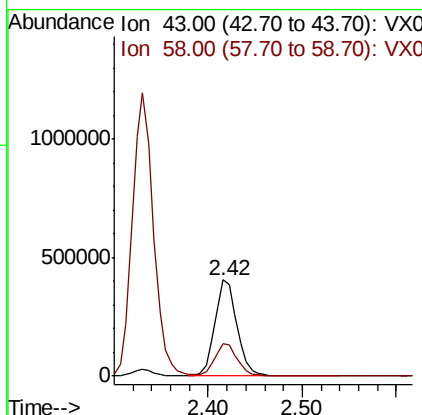
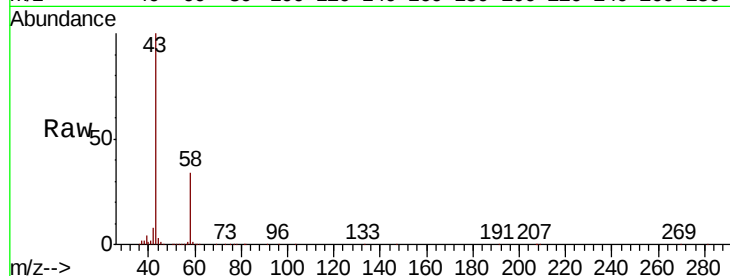




#16
Acetone
Concen: 382.815 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

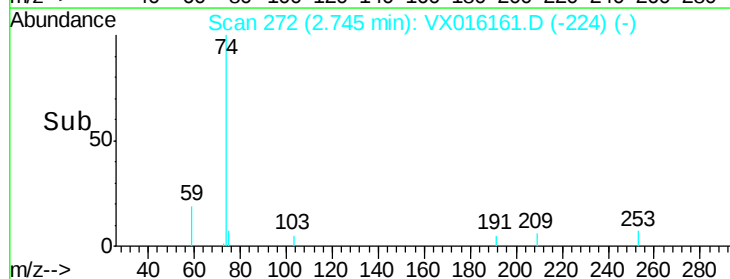
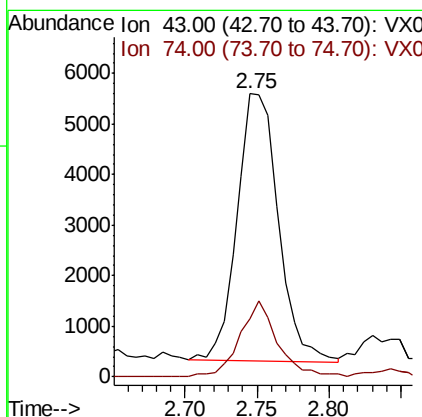
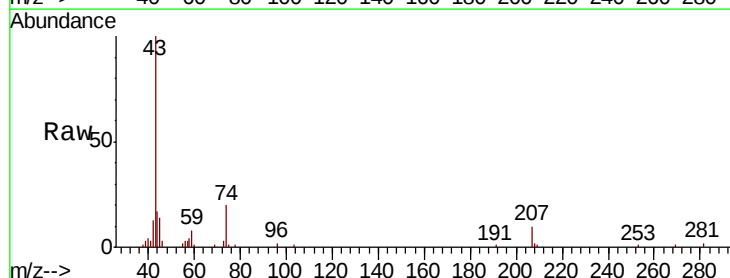
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR

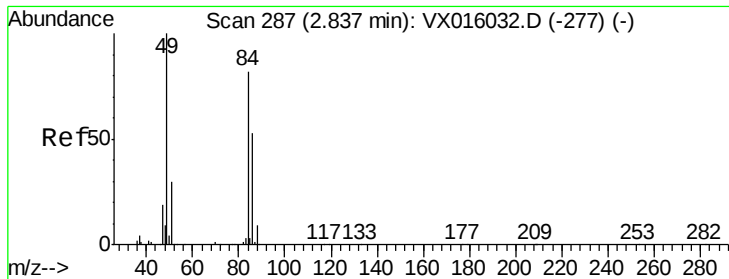
Tot Ion: 43 Resp: 656172
Ion Ratio Lower Upper
43 100
58 34.0 25.4 38.0



#18
Methyl Acetate
Concen: 2.495 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

Tgt Ion: 43 Resp: 10514
Ion Ratio Lower Upper
43 100
74 26.1 20.2 30.2





#20

Methylene Chloride

Concen: 56.923 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR

Tot Ion: 84 Resp: 201138

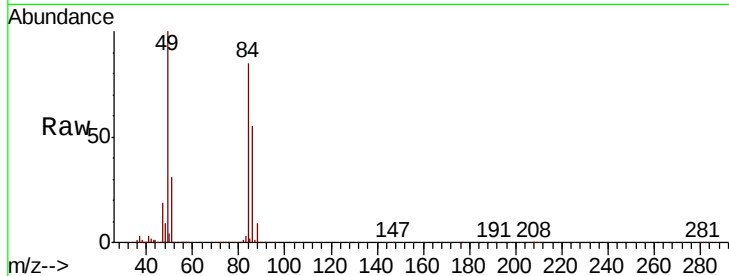
Ion Ratio Lower Upper

84 100

49 118.0 97.3 145.9

51 36.9 29.3 43.9

86 64.7 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

200000

150000

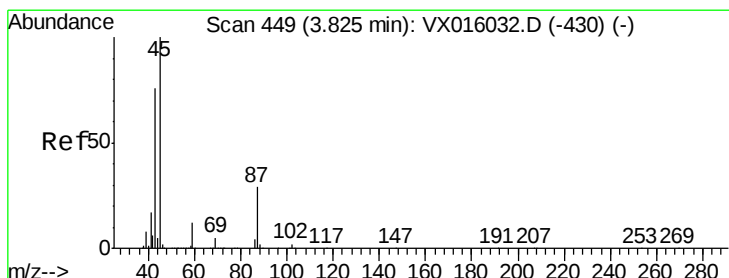
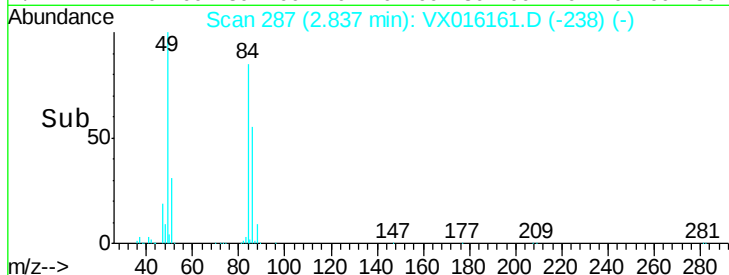
100000

50000

0

2.80 2.90

Time-->



#22

Diisopropyl ether

Concen: 12.119 ug/l

RT: 3.95 min Scan# 469

Delta R.T. 0.12 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Tgt Ion: 45 Resp: 127215

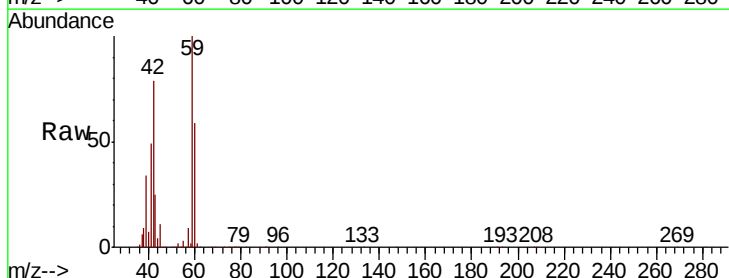
Ion Ratio Lower Upper

45 100

43 226.5 61.1 91.7#

87 0.0 23.0 34.6#

59 914.0 9.8 14.6#



Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

600000

500000

400000

300000

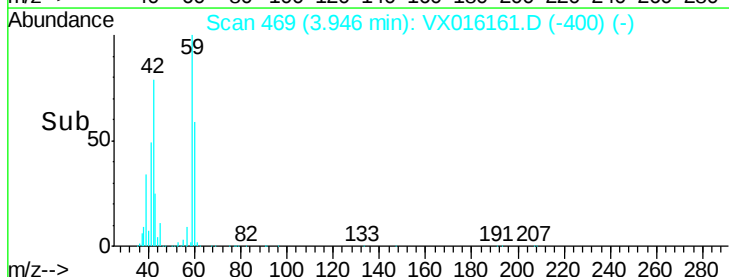
200000

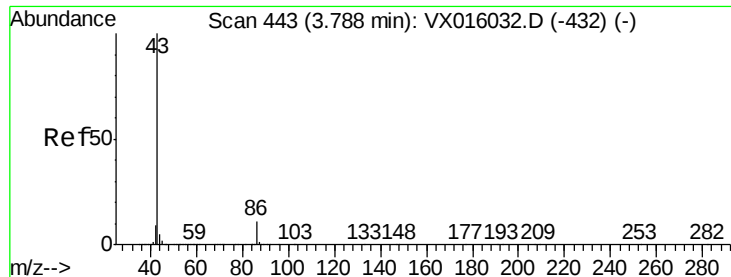
100000

0

3.80 3.90 4.00 4.10

Time-->





#23

Vinyl Acetate

Concen: 31.562 ug/l

RT: 3.94 min Scan# 468

Delta R.T. 0.15 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

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ClientSampleId :

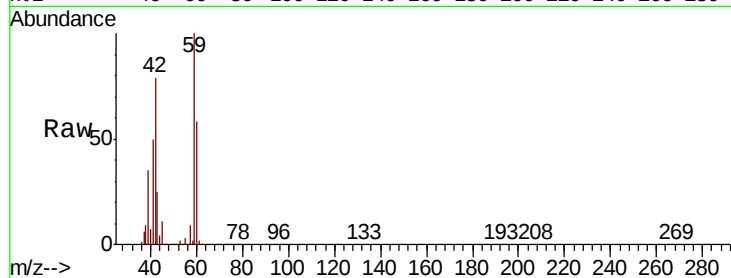
OIL-WATER-SEPARATOR

Tot Ion: 43 Resp: 291487

Ion Ratio Lower Upper

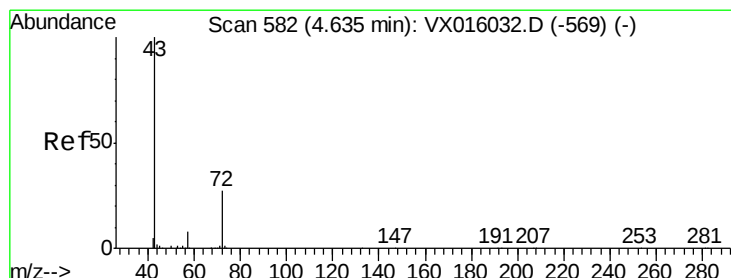
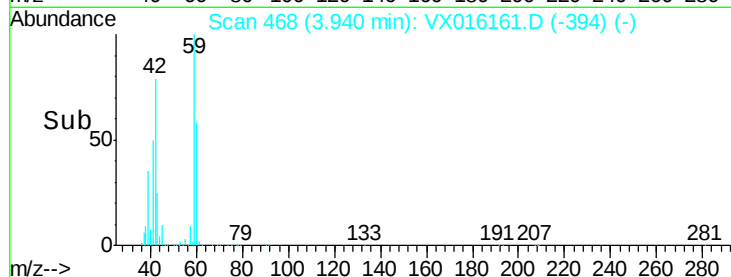
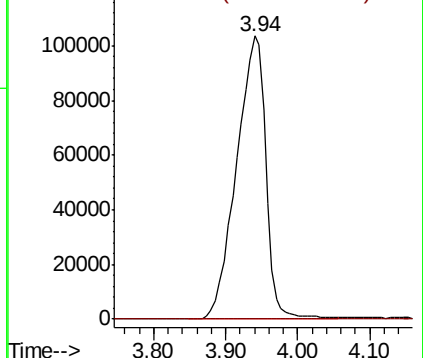
43 100

86 0.0 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 64.928 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016161.D

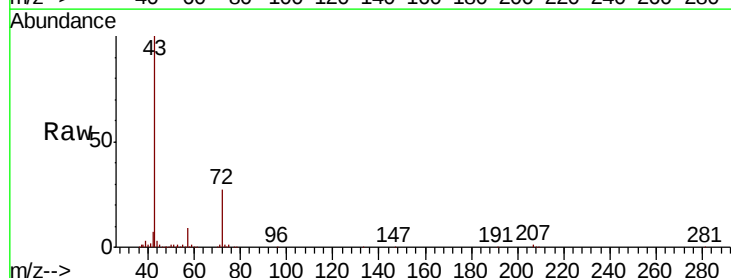
Acq: 11 May 2020 19:51

Tgt Ion: 43 Resp: 179334

Ion Ratio Lower Upper

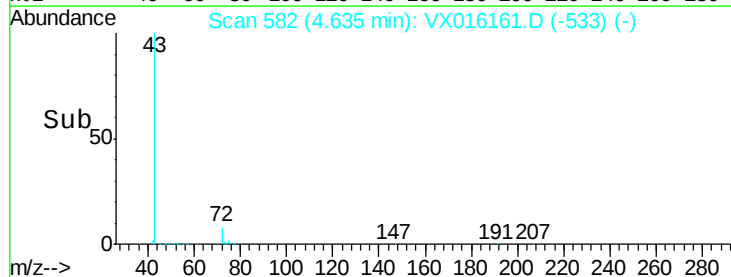
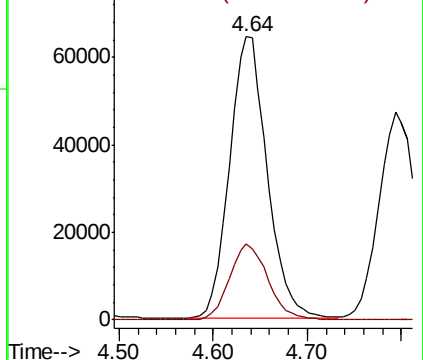
43 100

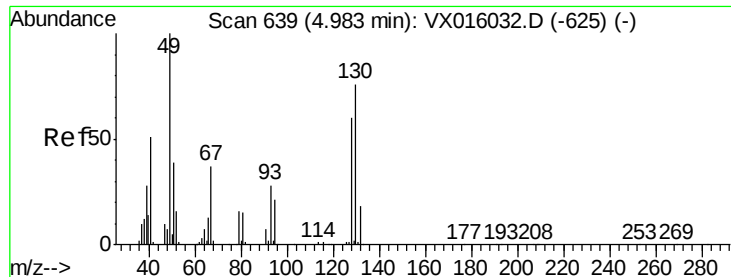
72 26.8 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 1.026 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.20 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

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OIL-WATER-SEPARATOR

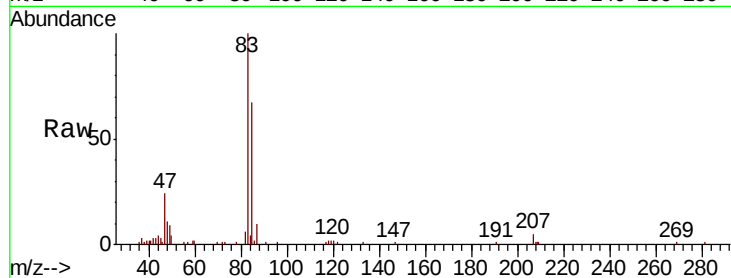
Tot Ion: 49 Resp: 2746

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 62.4 93.6#



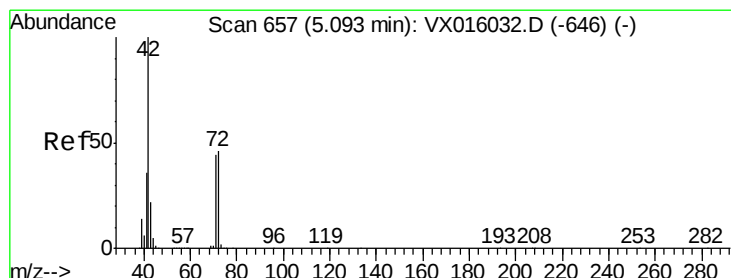
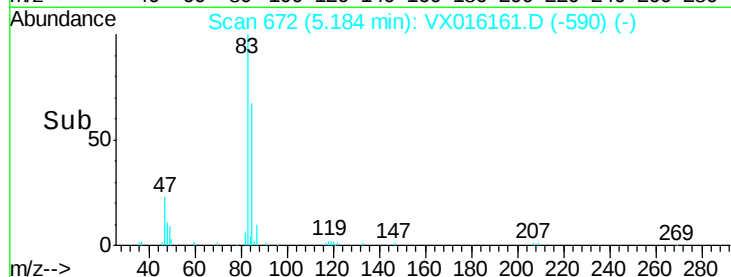
Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

5.18

Time-->



#29

Tetrahydrofuran

Concen: 1.736 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

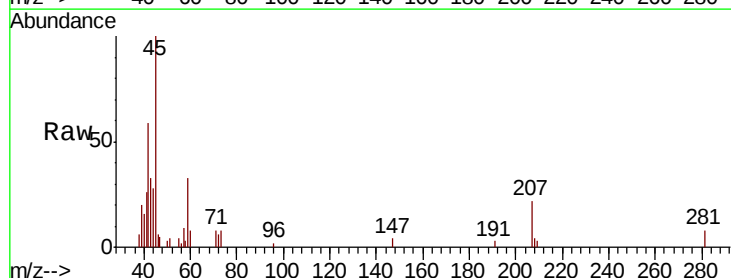
Tgt Ion: 42 Resp: 3178

Ion Ratio Lower Upper

42 100

72 18.1 37.1 55.7#

71 11.8 34.5 51.7#



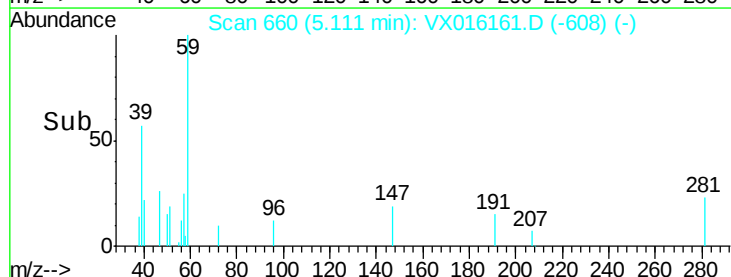
Abundance Ion 42.00 (41.70 to 42.70): VX0

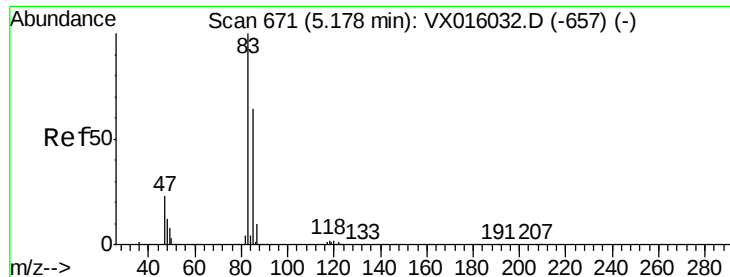
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.11

Time-->

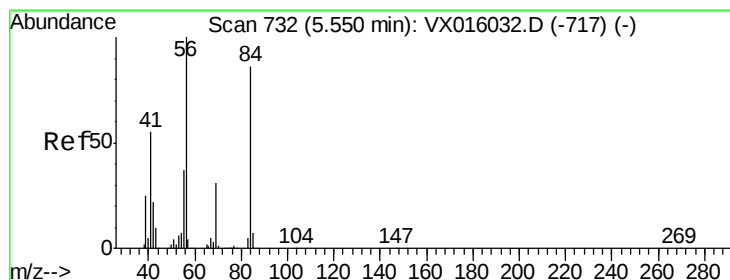
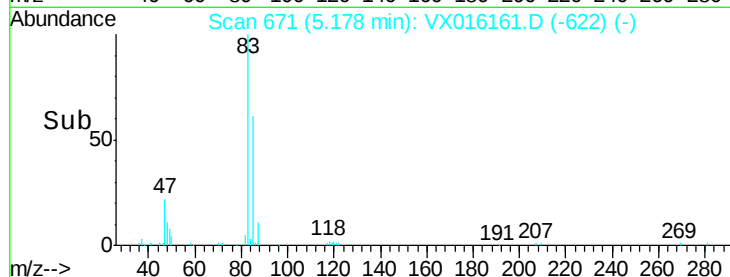
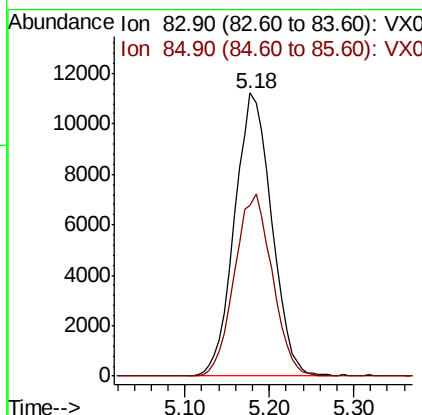
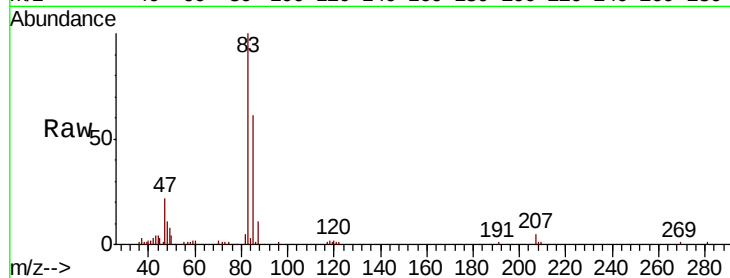




#30
Chloroform
Concen: 5.728 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

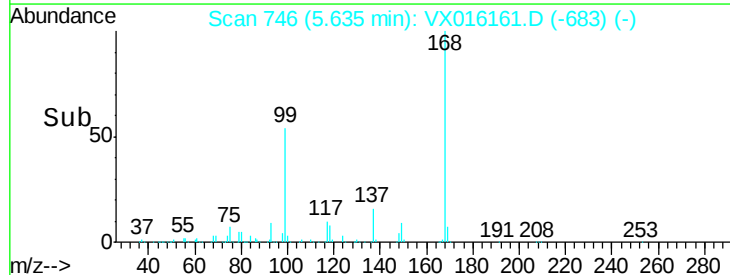
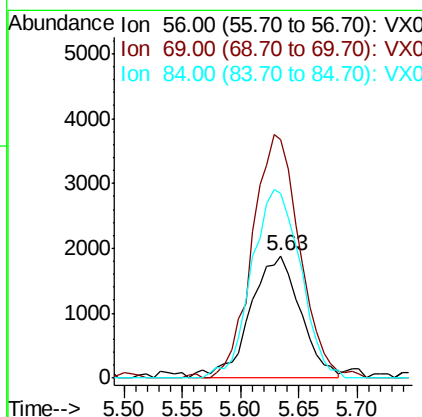
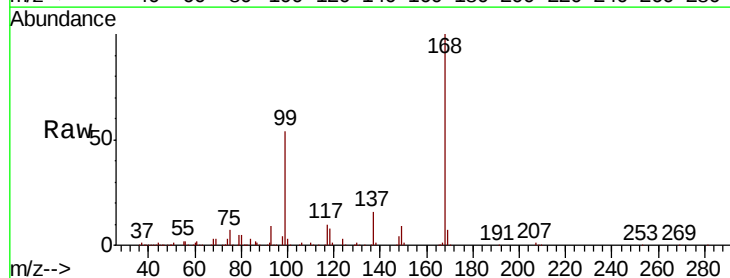
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR

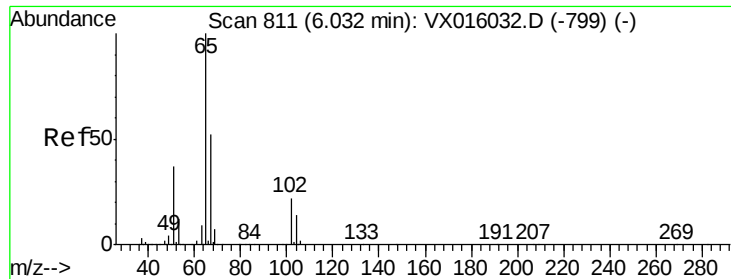
Tot Ion: 83 Resp: 33488
Ion Ratio Lower Upper
83 100
85 60.5 51.6 77.4



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

Tgt Ion: 56 Resp: 5633
Ion Ratio Lower Upper
56 100
69 192.9 25.0 37.6#
84 151.3 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 46.882 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

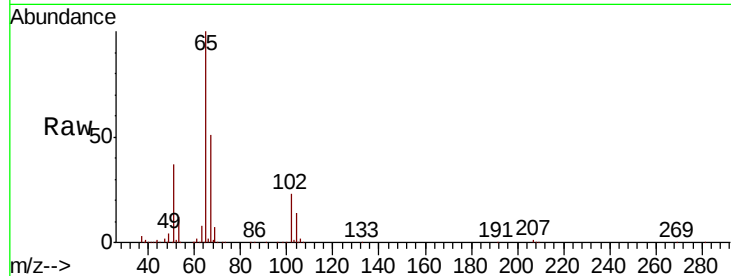
OIL-WATER-SEPARATOR

Tot Ion: 65 Resp: 180101

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

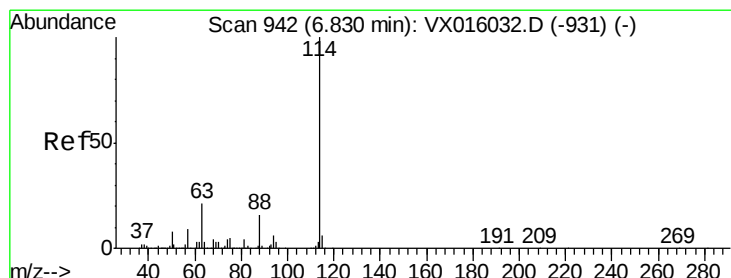
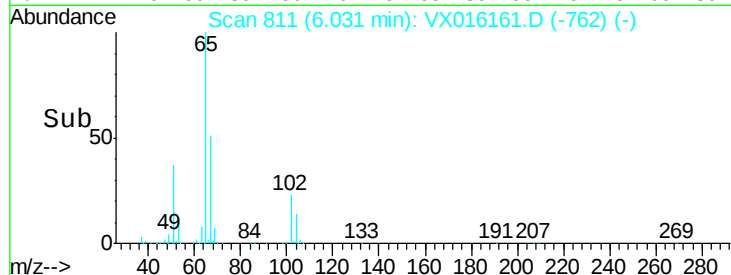
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

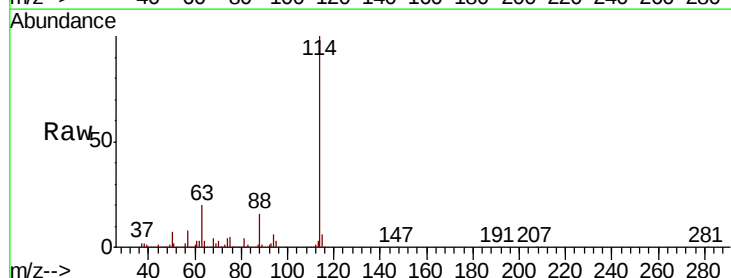
Tgt Ion: 114 Resp: 491133

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 16.3 0.0 31.4



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

6.84

250000

200000

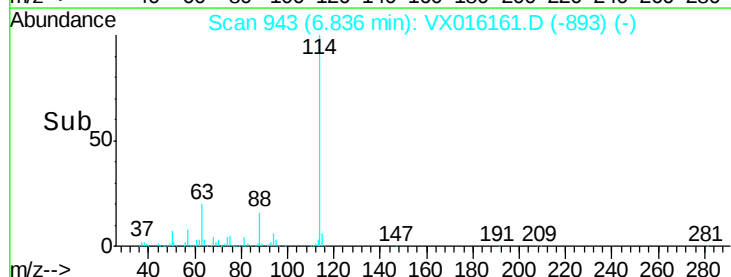
150000

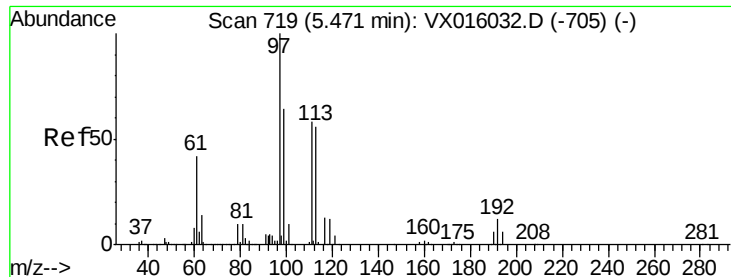
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.284 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR

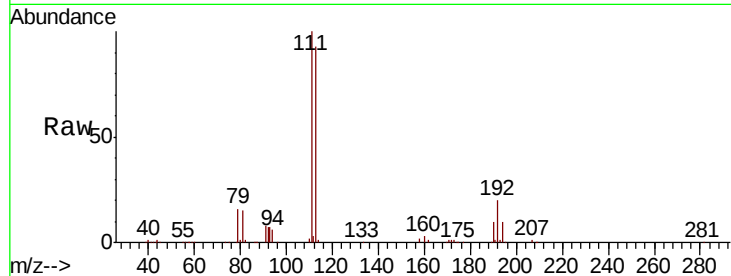
Tot Ion:113 Resp: 150239

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

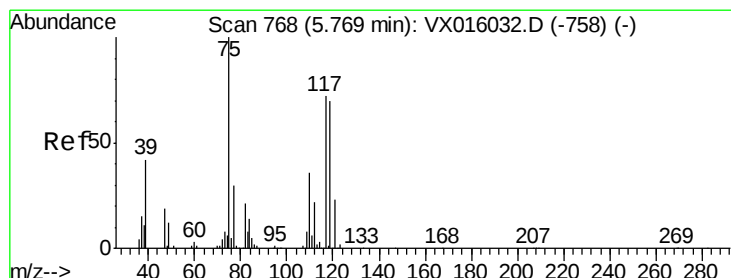
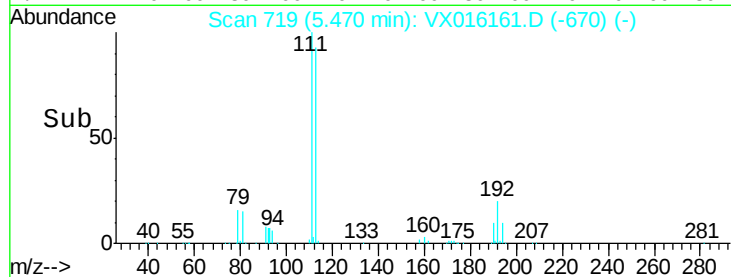
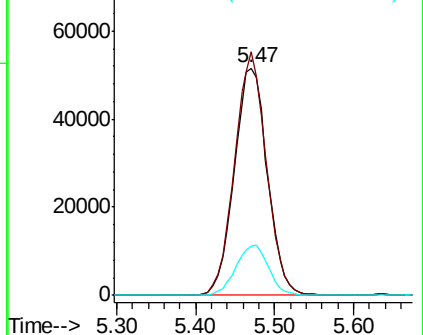
192 21.7 17.0 25.4



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: 4.440 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

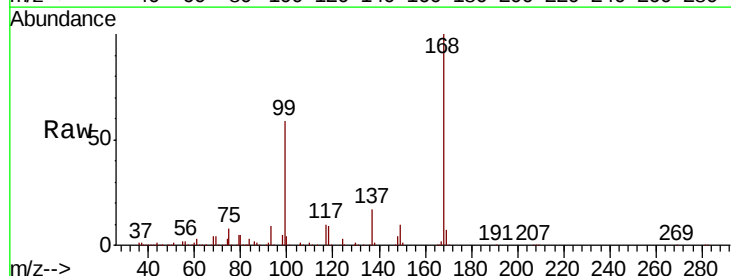
Tgt Ion: 75 Resp: 21467

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.1#

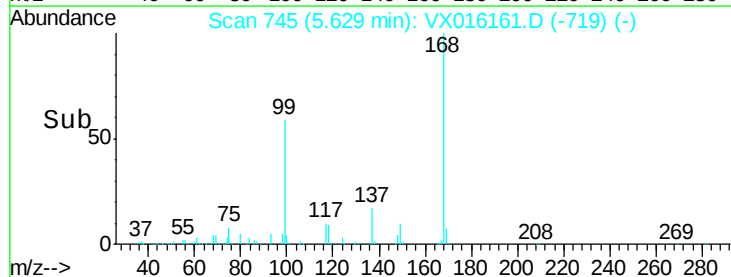
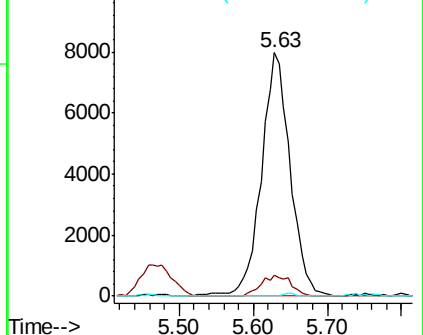
77 0.4 25.0 37.6#

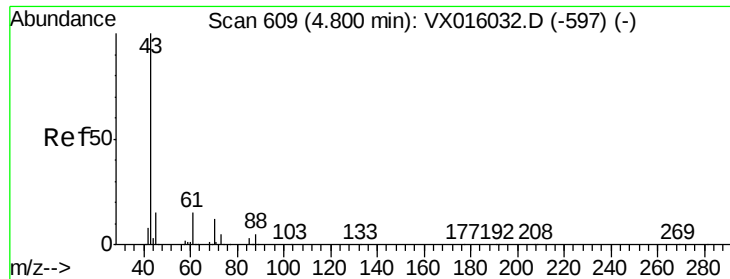


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

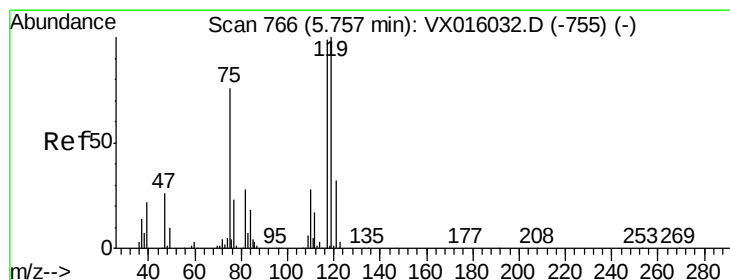
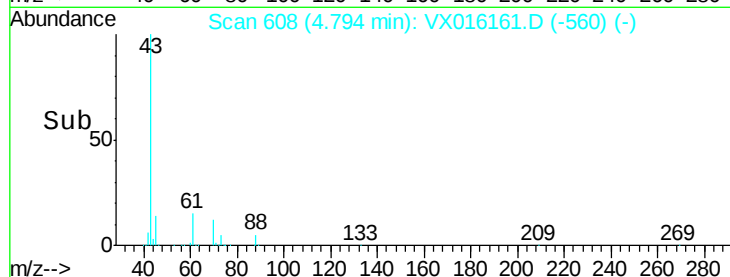
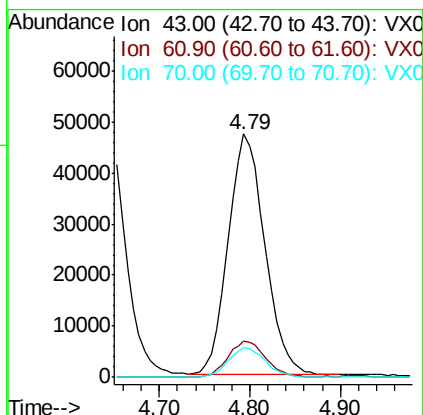
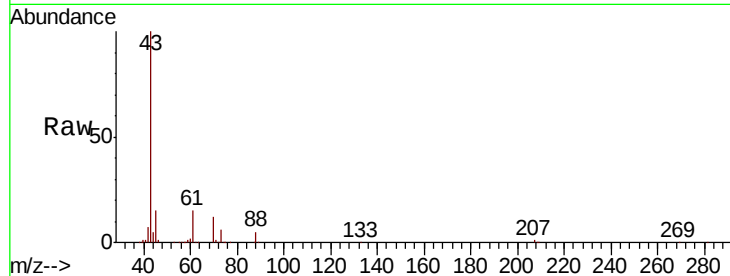




#37
Ethyl Acetate
Concen: 23.652 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

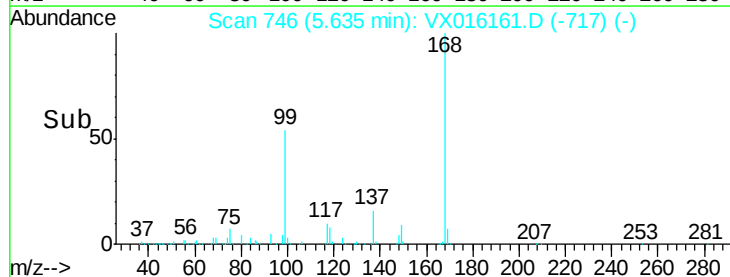
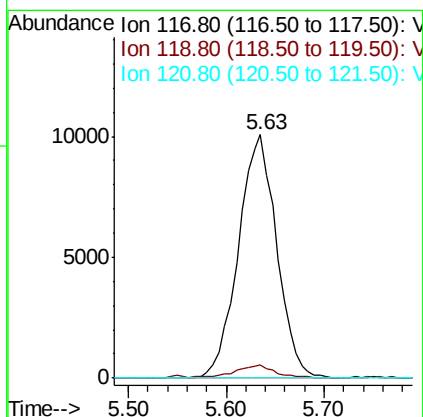
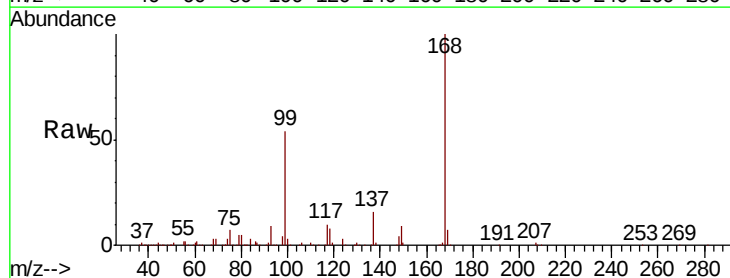
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR

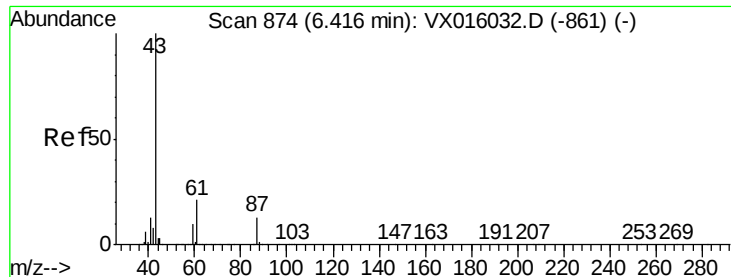
Tot Ion: 43 Resp: 132529
Ion Ratio Lower Upper
43 100
61 15.7 11.7 17.5
70 12.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

Tgt Ion: 117 Resp: 27303
Ion Ratio Lower Upper
117 100
119 5.5 80.3 120.5#
121 0.0 25.7 38.5#



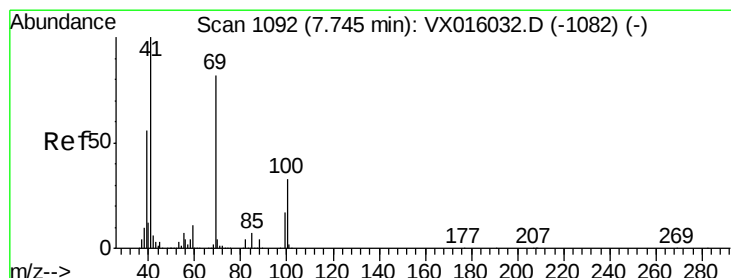
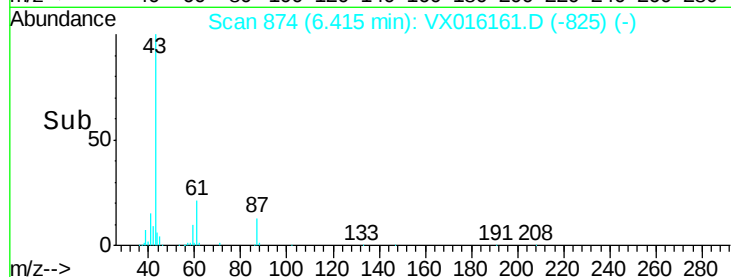
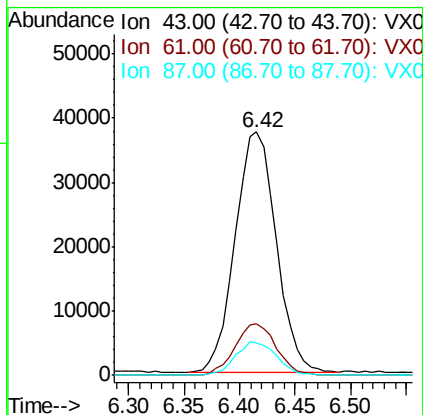
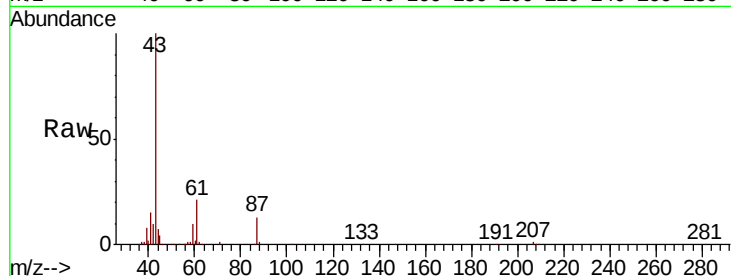


#43

Isopropyl Acetate
 Concen: 10.722 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016161.D
 Acq: 11 May 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPARATOR

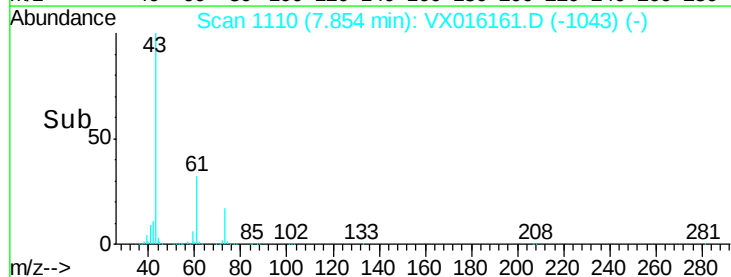
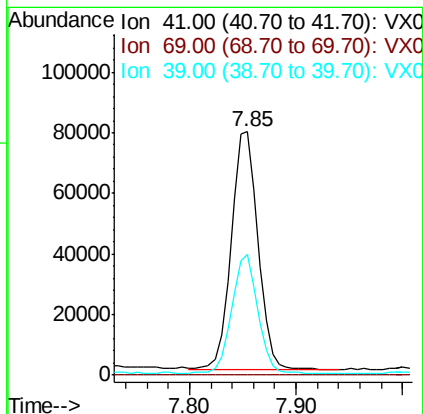
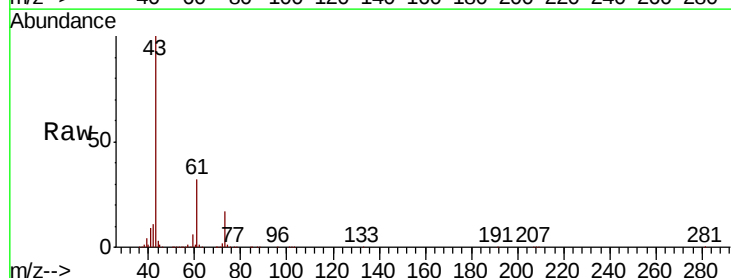
Tot Ion:	43	Resp:	95855
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.0	25.4
87	14.0	11.0	16.6

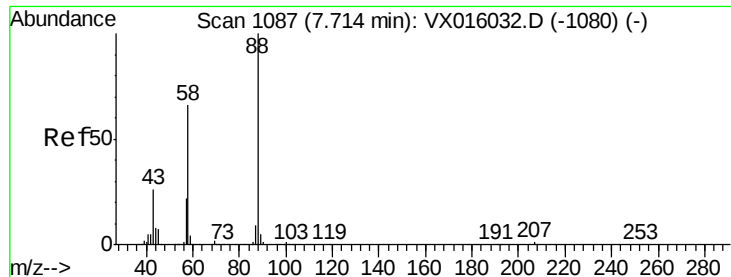


#48

Methyl methacrylate
 Concen: 32.690 ug/l
 RT: 7.85 min Scan# 1110
 Delta R.T. 0.11 min
 Lab File: VX016161.D
 Acq: 11 May 2020 19:51

Tgt Ion:	41	Resp:	138488
Ion	Ratio	Lower	Upper
41	100		
69	0.4	67.8	101.6#
39	48.6	44.6	67.0

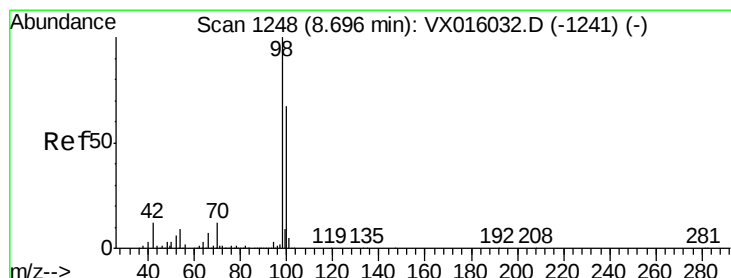
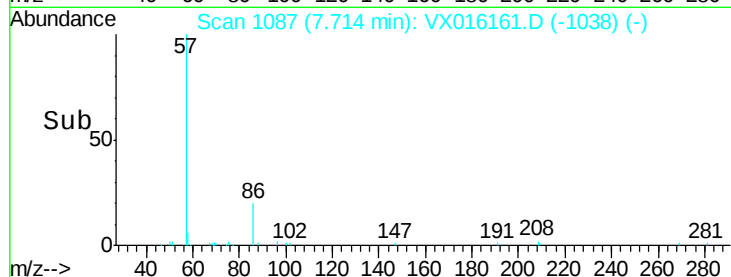
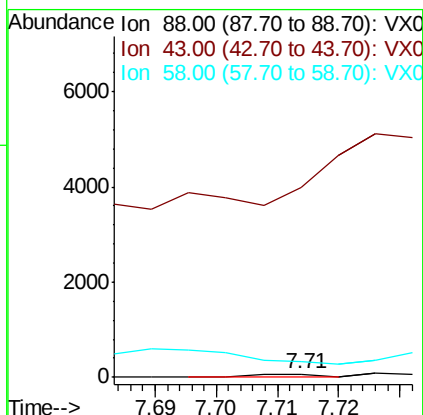
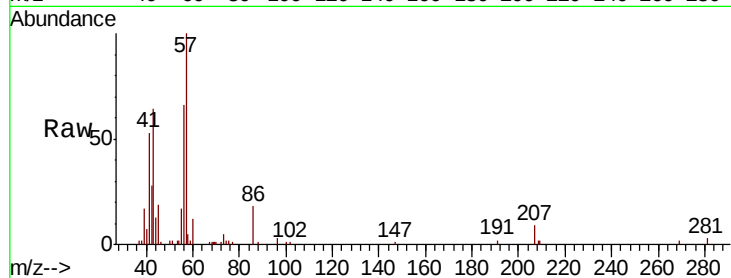




#49
1,4-Dioxane
Concen: 0.413 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

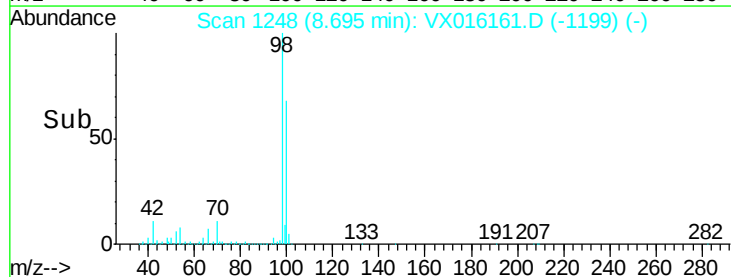
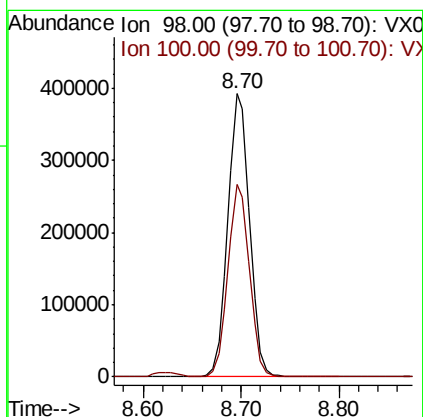
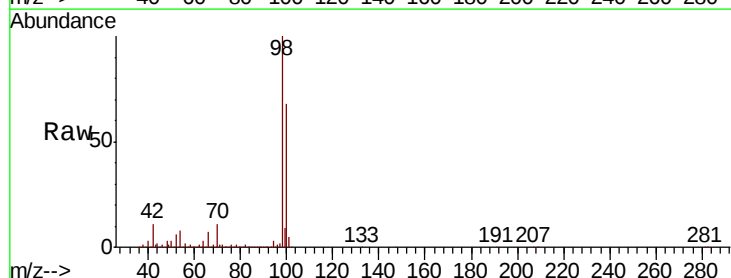
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR

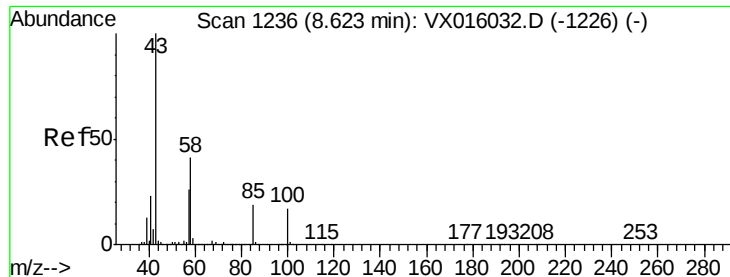
Tot Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 0.0 55.9 83.9#



#50
Toluene-d8
Concen: 50.410 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

Tgt Ion: 98 Resp: 604358
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 15.682 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

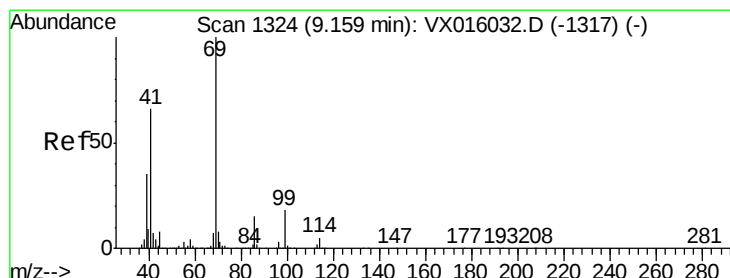
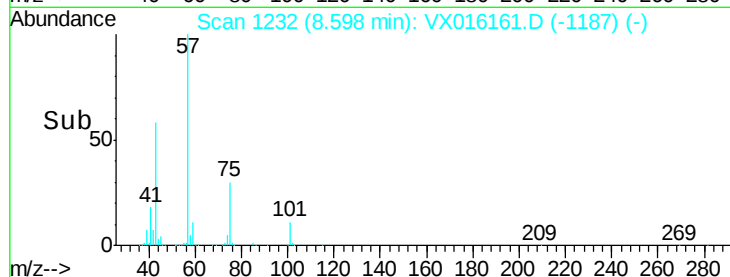
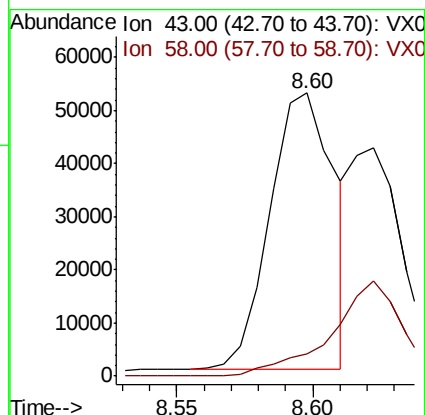
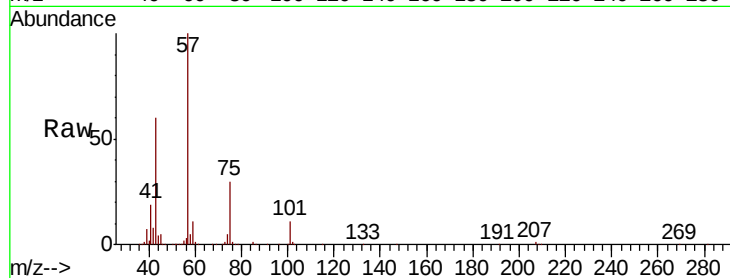
OIL-WATER-SEPARATOR

Tot Ion: 43 Resp: 85793

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.4#



#56

Ethyl methacrylate

Concen: 0.499 ug/l

RT: 9.07 min Scan# 1310

Delta R.T. -0.09 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

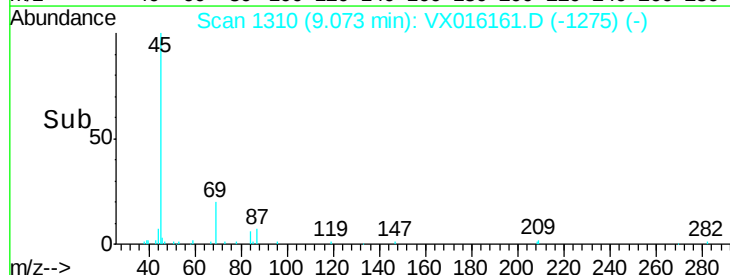
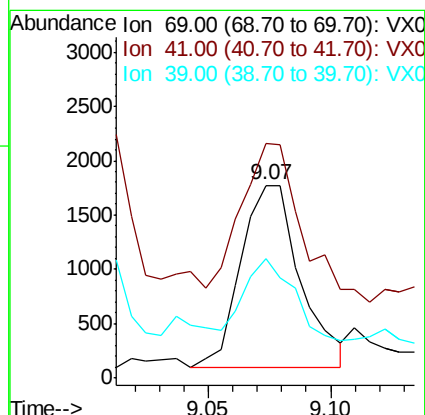
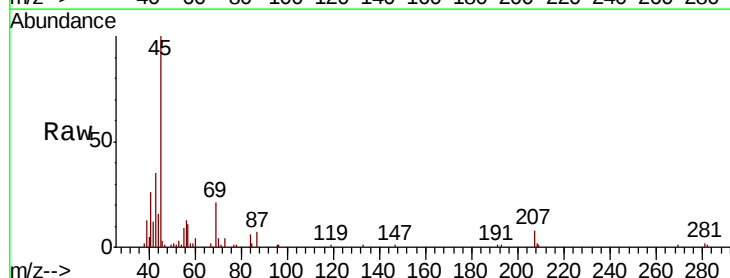
Tgt Ion: 69 Resp: 2825

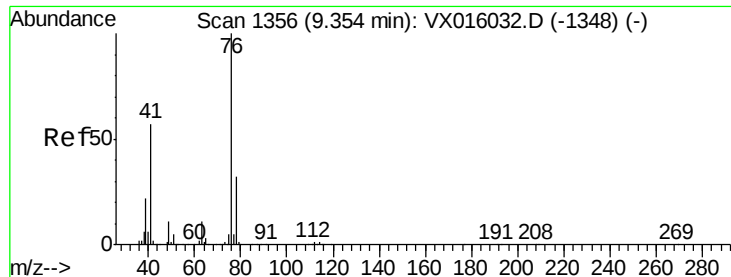
Ion Ratio Lower Upper

69 100

41 0.0 52.2 78.4#

39 0.0 28.2 42.4#





#57

1,3-Dichloropropane

Concen: 1.097 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

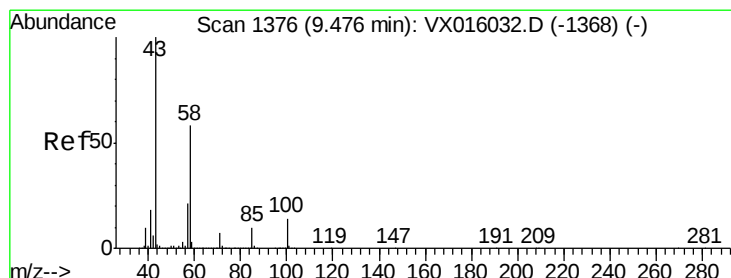
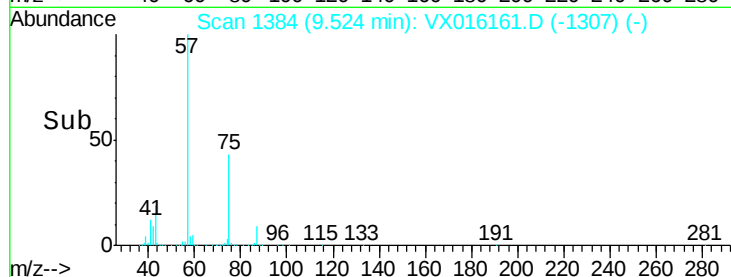
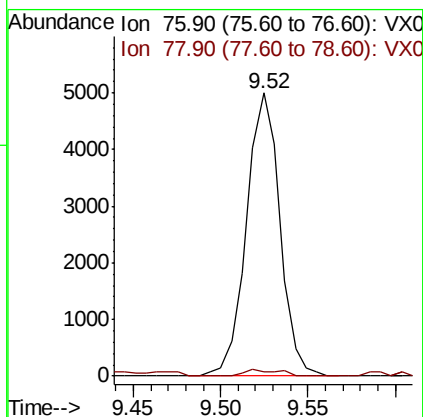
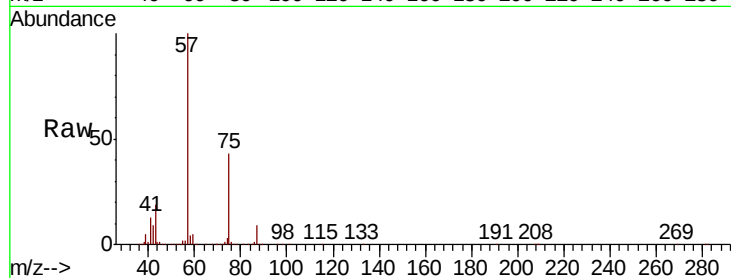
OIL-WATER-SEPARATOR

Tot Ion: 76 Resp: 6641

Ion Ratio Lower Upper

76 100

78 2.4 25.9 38.9#



#59

2-Hexanone

Concen: 19.612 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX016161.D

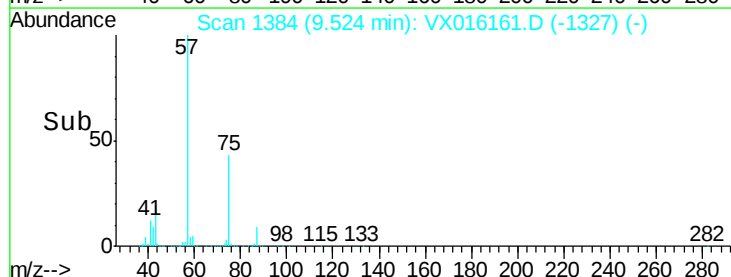
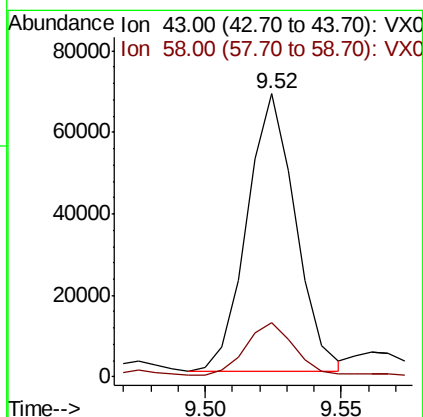
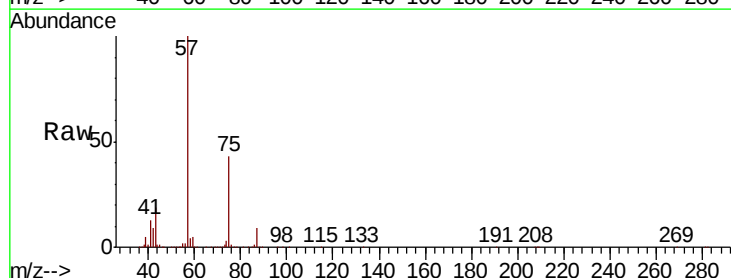
Acq: 11 May 2020 19:51

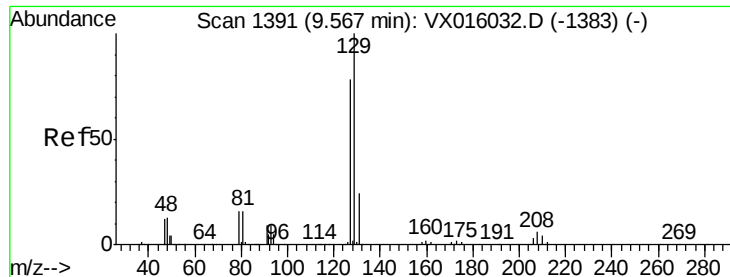
Tgt Ion: 43 Resp: 84262

Ion Ratio Lower Upper

43 100

58 20.7 28.6 85.9#





#60

Dibromochloromethane

Concen: 0.538 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

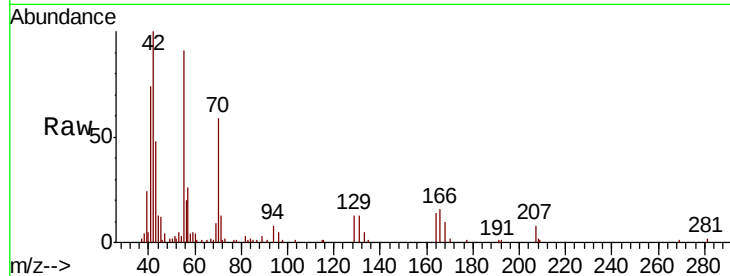
OIL-WATER-SEPARATOR

Tot Ion:129 Resp: 2056

Ion Ratio Lower Upper

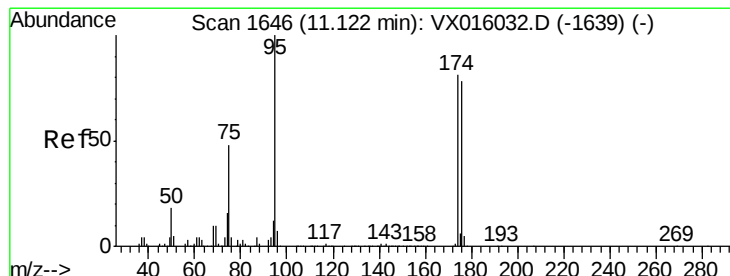
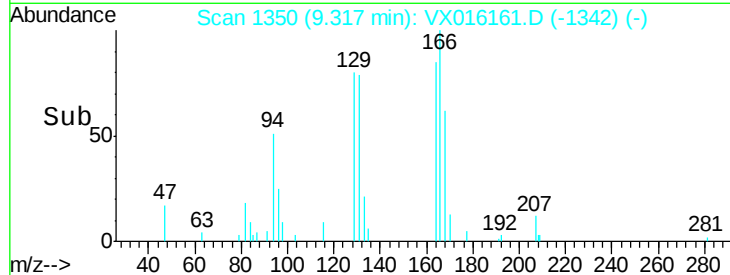
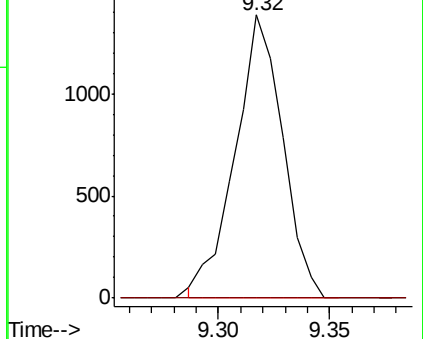
129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 54.235 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

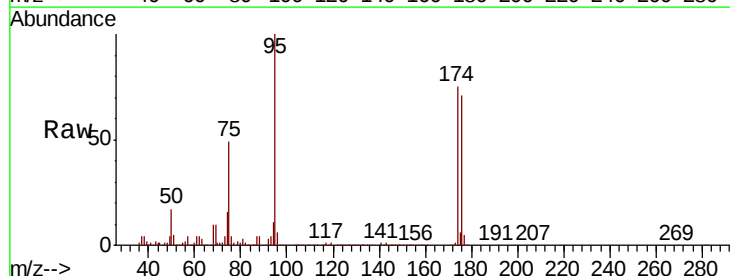
Tgt Ion: 95 Resp: 247314

Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.4

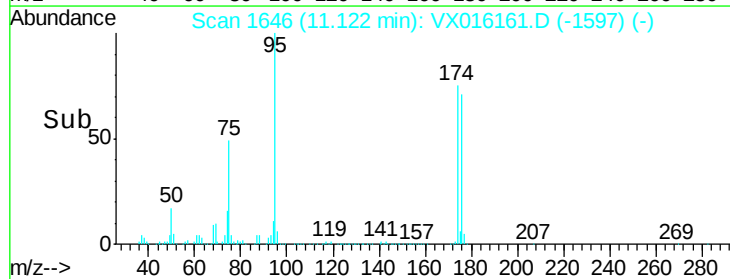
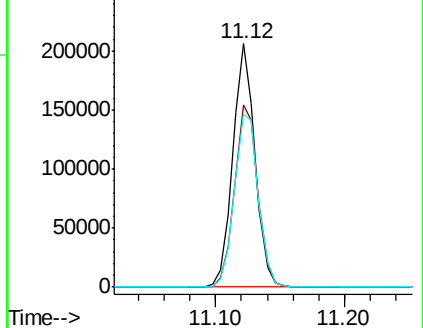
176 76.6 0.0 157.6

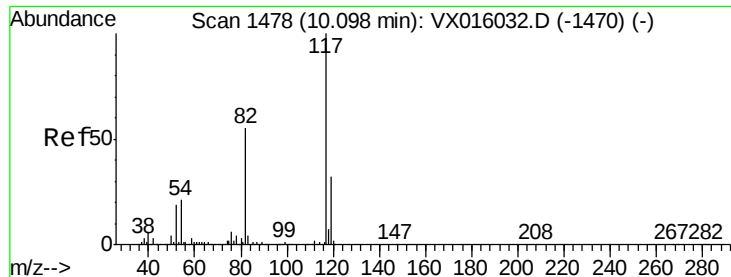


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

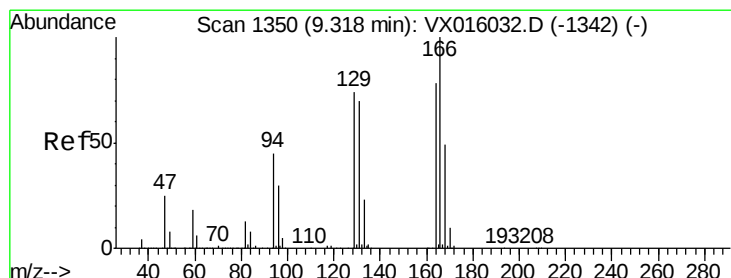
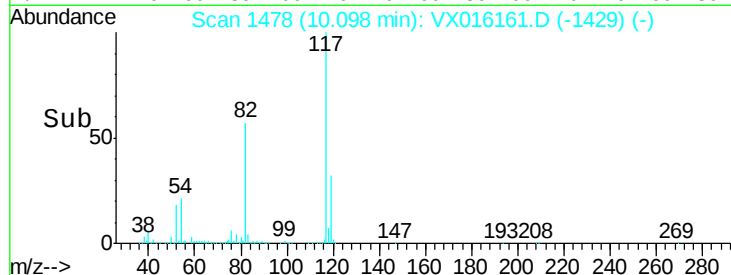
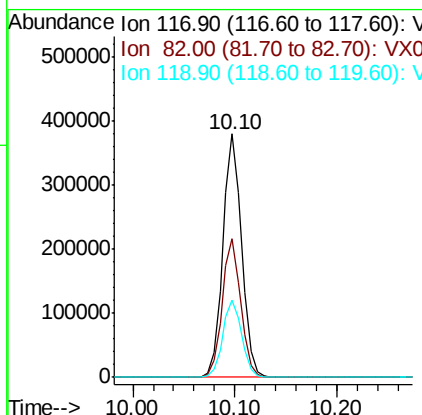
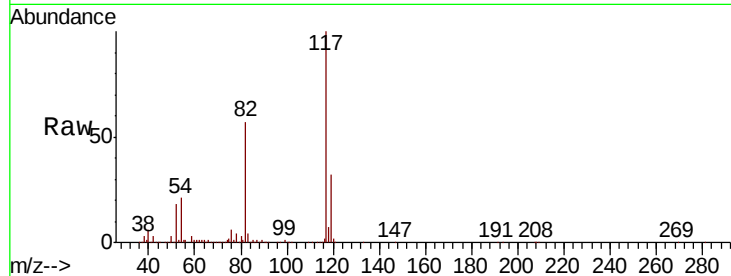




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

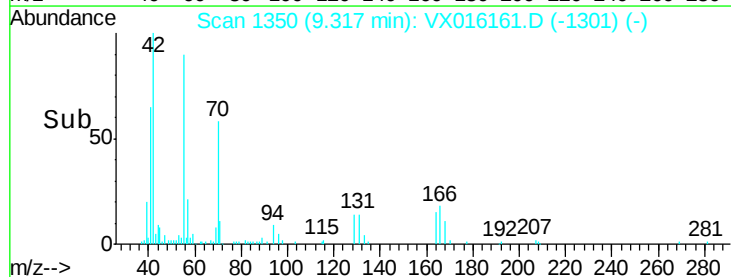
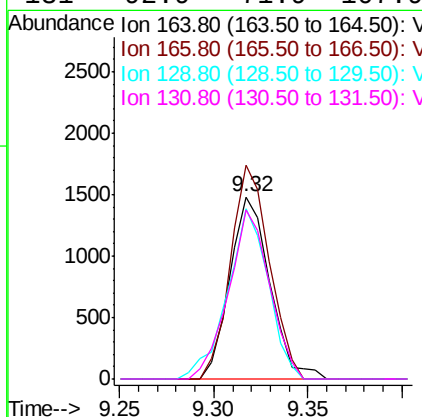
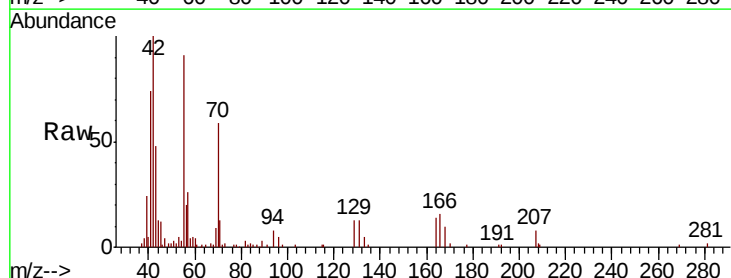
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR

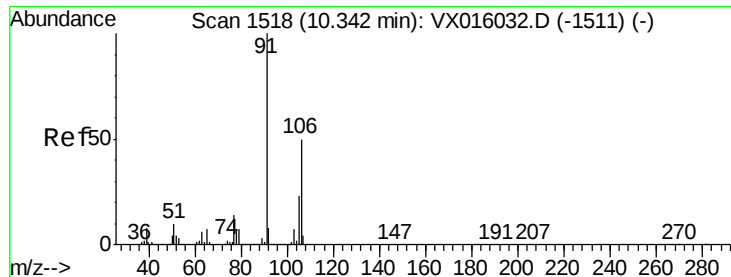
Tot Ion:117 Resp: 485144
Ion Ratio Lower Upper
117 100
82 57.2 44.4 66.6
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.366 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

Tgt Ion:164 Resp: 2177
Ion Ratio Lower Upper
164 100
166 117.2 102.9 154.3
129 93.3 76.1 114.1
131 92.9 71.9 107.9





#68

m/p-Xvlenes

Concen: 0.282 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

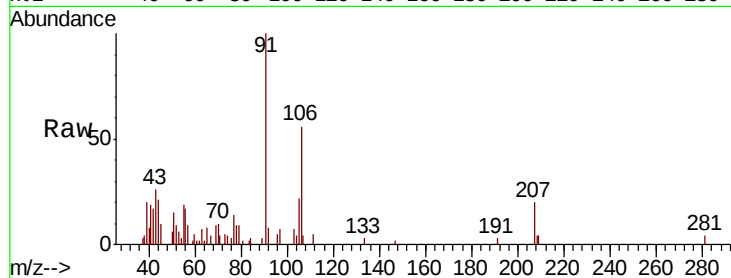
OIL-WATER-SEPARATOR

Tot Ion:106 Resp: 1916

Ion Ratio Lower Upper

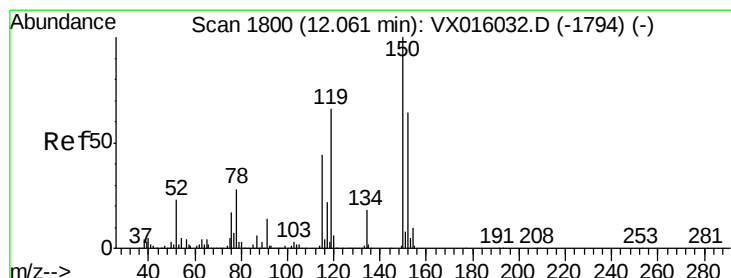
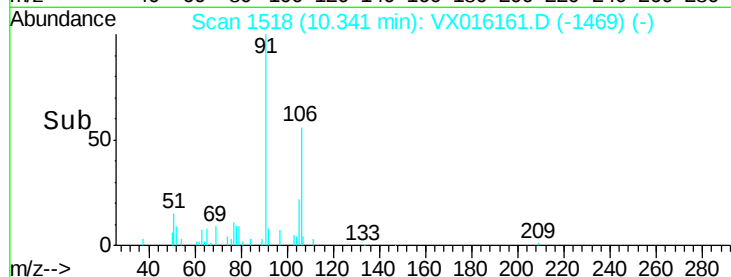
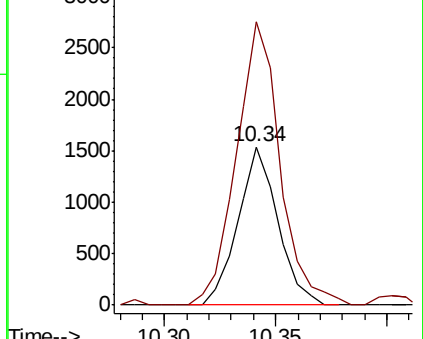
106 100

91 196.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

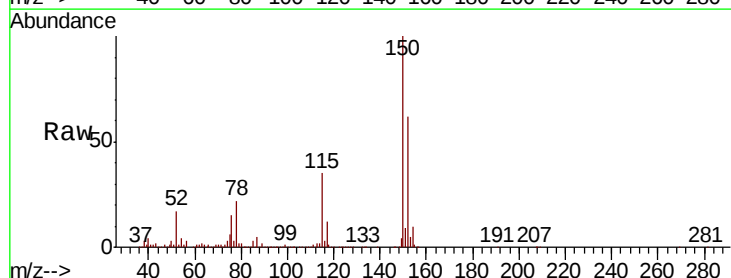
Tgt Ion:152 Resp: 243358

Ion Ratio Lower Upper

152 100

115 59.5 41.3 124.1

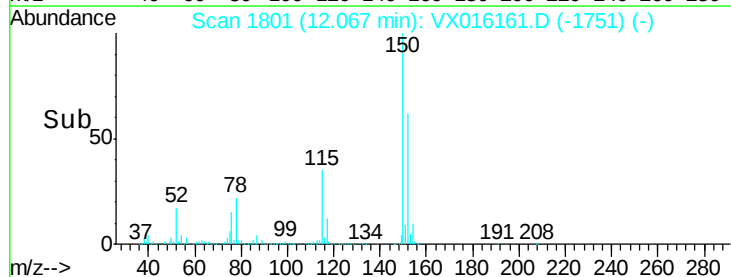
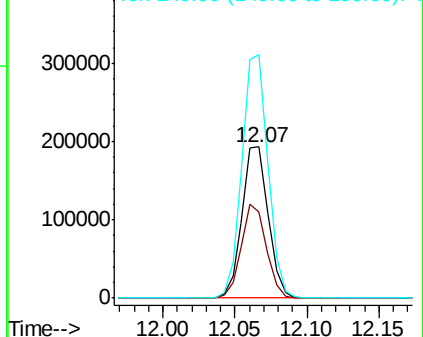
150 159.7 0.0 352.2

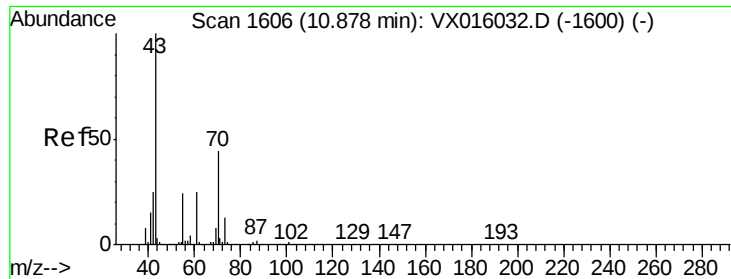


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.049 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR

Tot Ion: 43 Resp: 8659

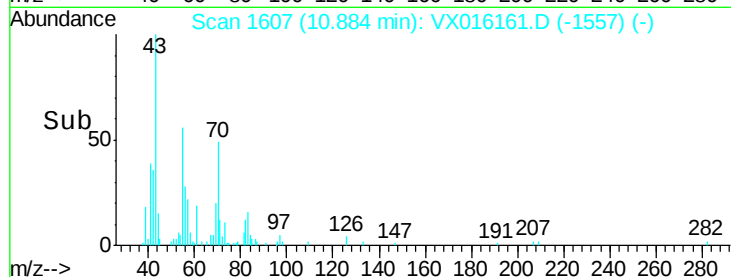
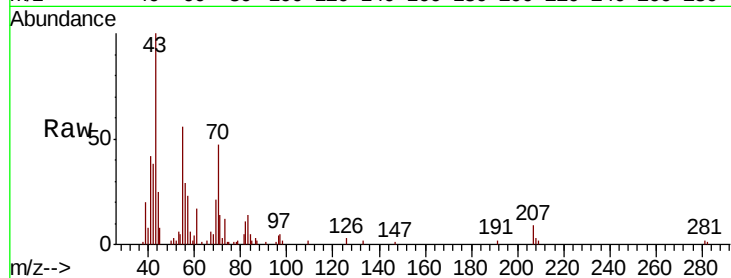
Ion Ratio Lower Upper

43 100

70 60.8 36.5 54.7#

55 93.6 19.7 29.5#

61 14.1 20.9 31.3#

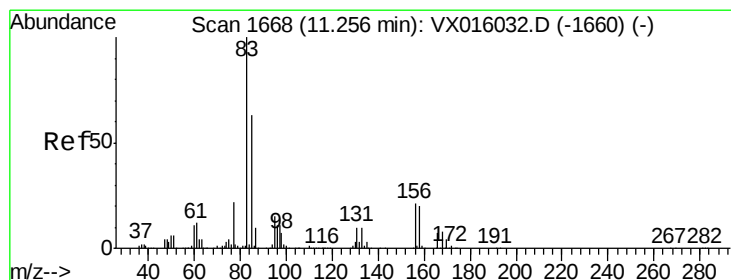
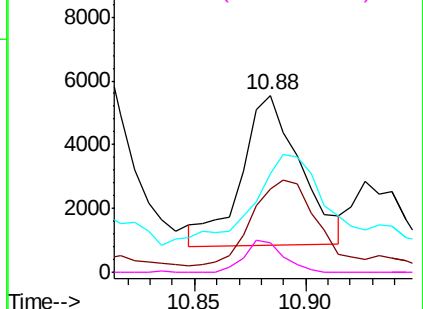


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 2.293 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

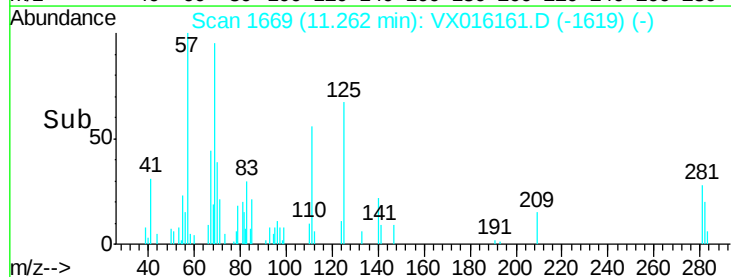
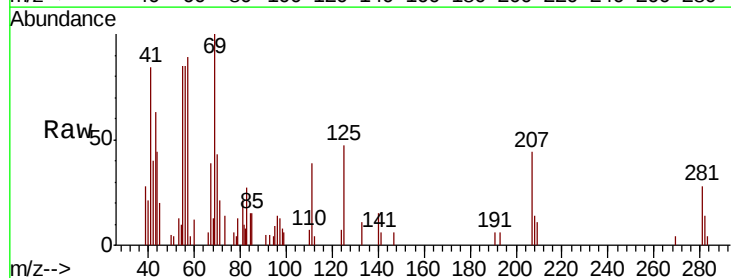
Tgt Ion: 83 Resp: 805

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

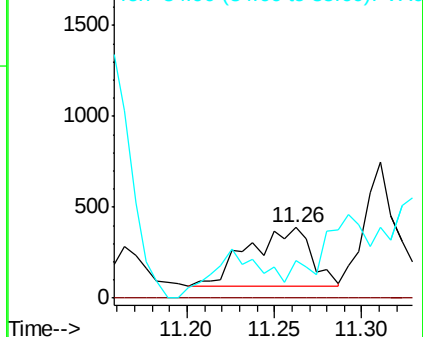
85 0.0 32.0 96.0#

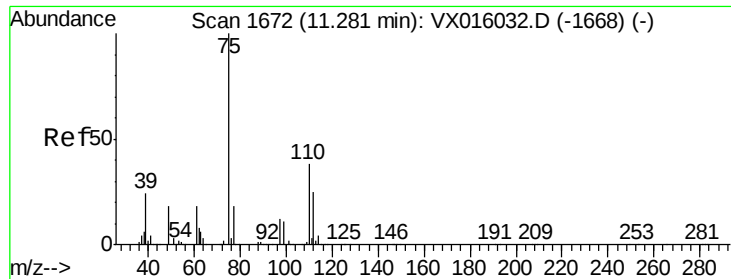


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

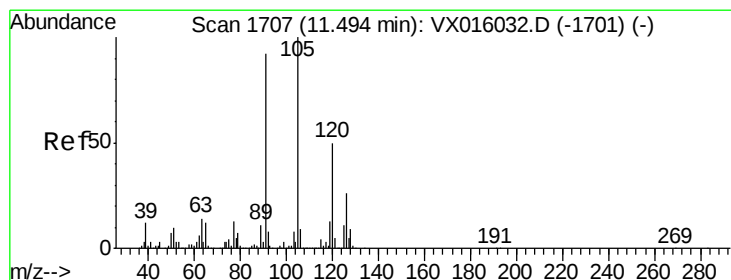
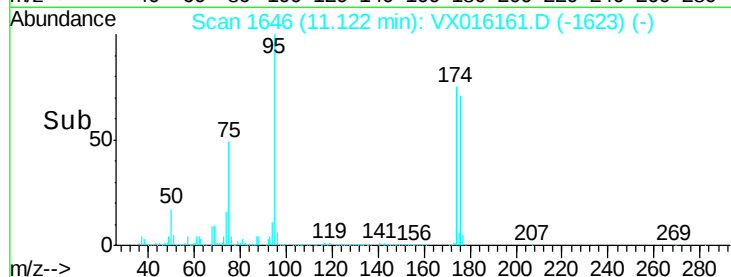
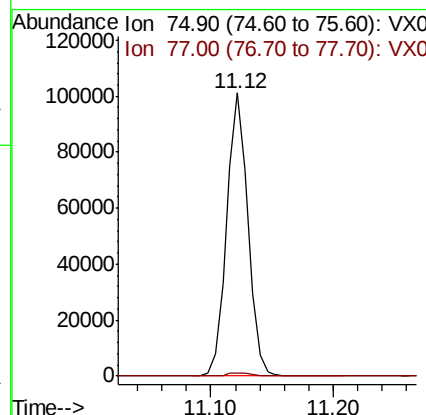
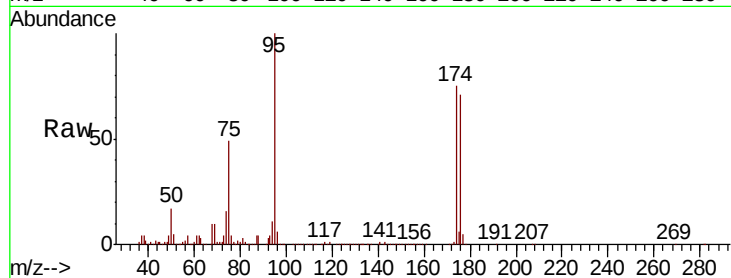




#76
 1,2,3-Trichloropropane
 Concen: 21.933 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016161.D
 Acq: 11 May 2020 19:51

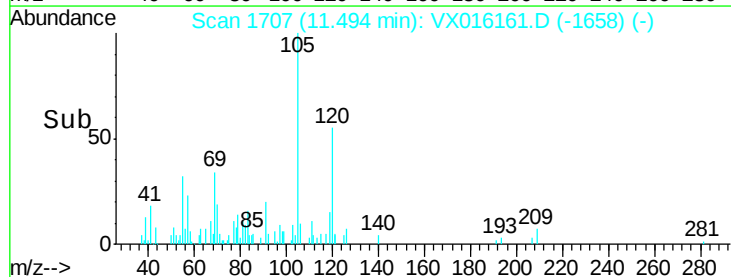
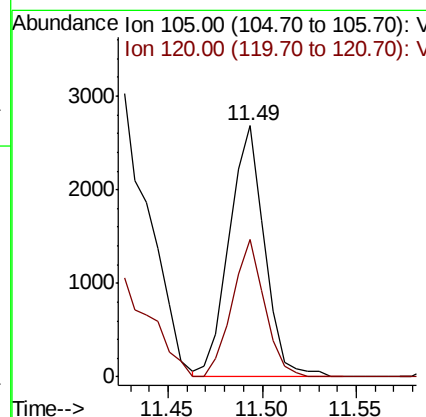
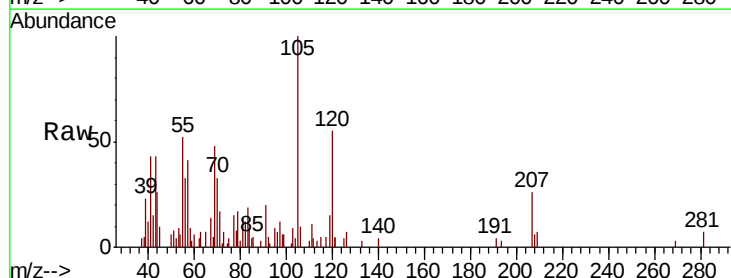
Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPARATOR

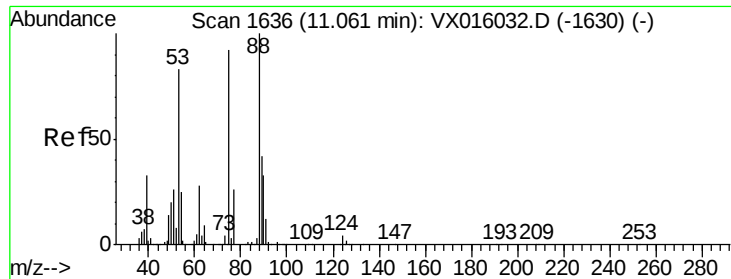
Tot Ion: 75 Resp: 121120
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.2 63.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.234 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016161.D
 Acq: 11 May 2020 19:51

Tgt Ion: 105 Resp: 3496
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 74.0

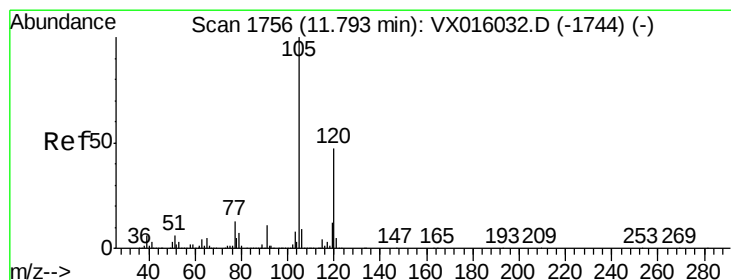
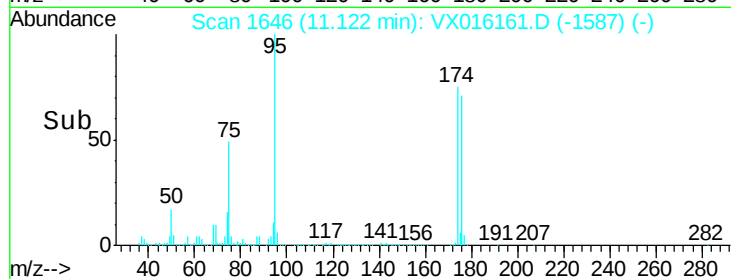
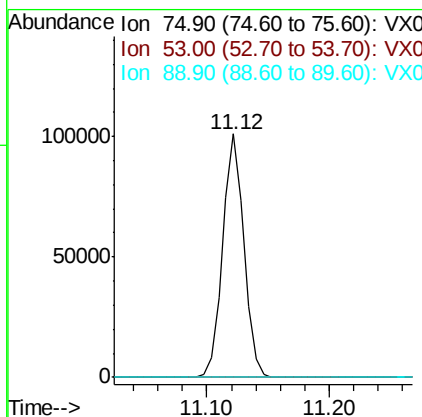
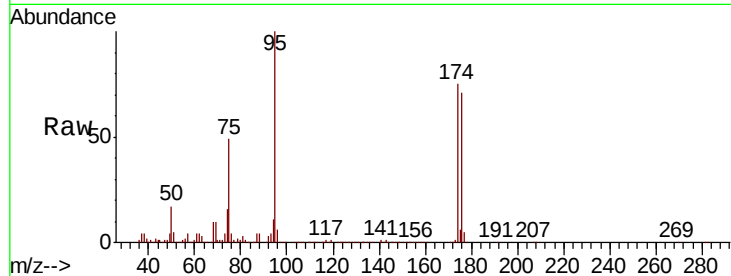




#81
trans-1,4-Dichloro-2-butene
Concen: 52.267 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

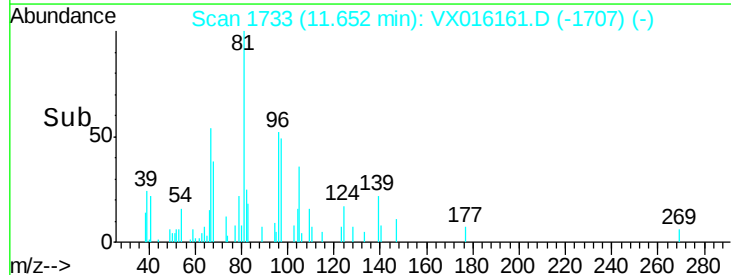
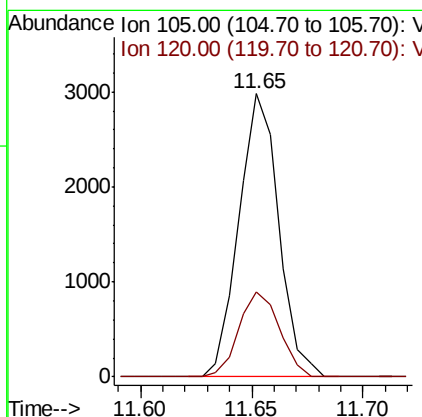
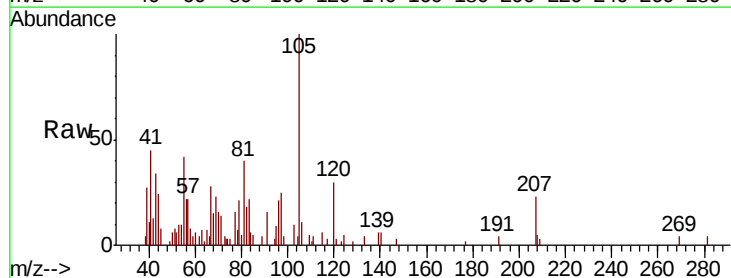
Instrument :
MSVOA_X
ClientSampleId :
OIL-WATER-SEPARATOR

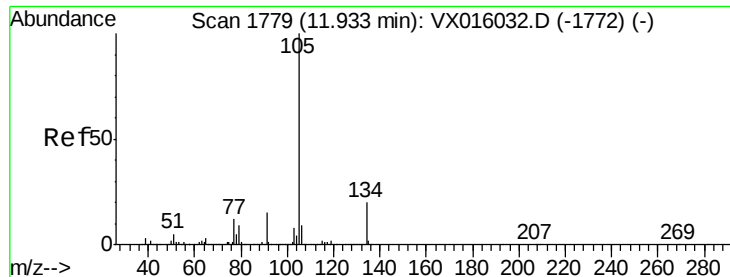
Tot Ion: 75 Resp: 121120
Ion Ratio Lower Upper
75 100
53 0.2 73.1 109.7#
89 0.0 36.7 55.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.246 ug/l
RT: 11.65 min Scan# 1733
Delta R.T. -0.14 min
Lab File: VX016161.D
Acq: 11 May 2020 19:51

Tgt Ion:105 Resp: 3716
Ion Ratio Lower Upper
105 100
120 30.5 23.0 69.0

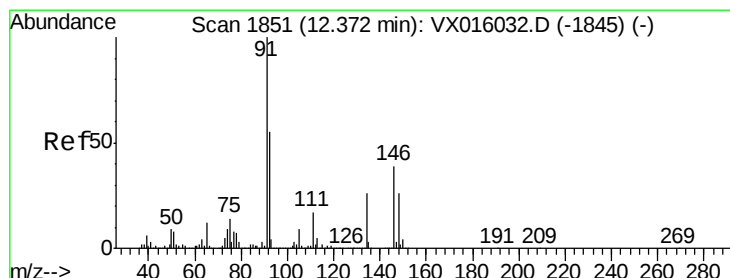
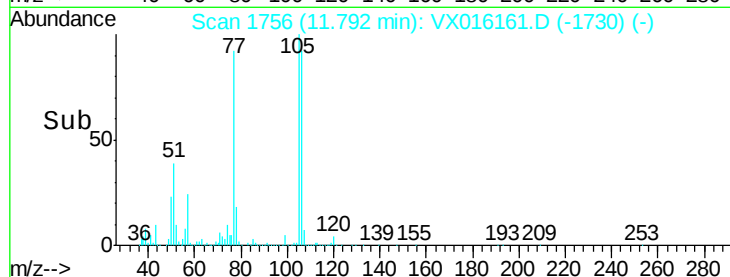
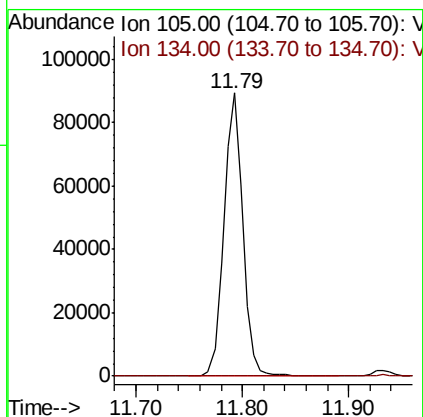
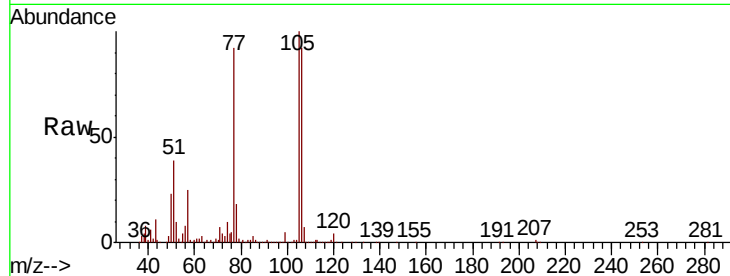




#85
 sec-Butylbenzene
 Concen: 6.366 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX016161.D
 Acq: 11 May 2020 19:51

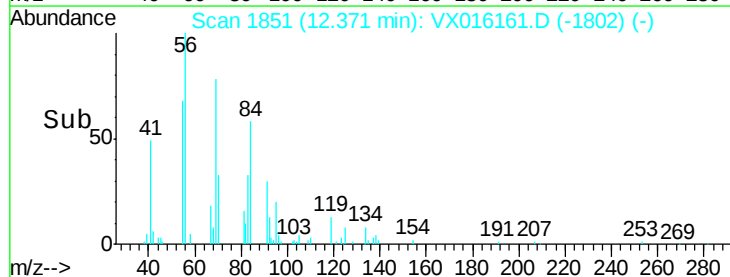
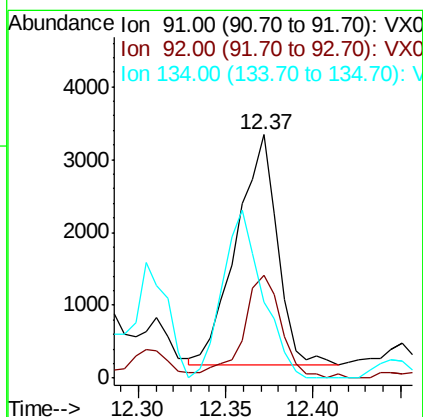
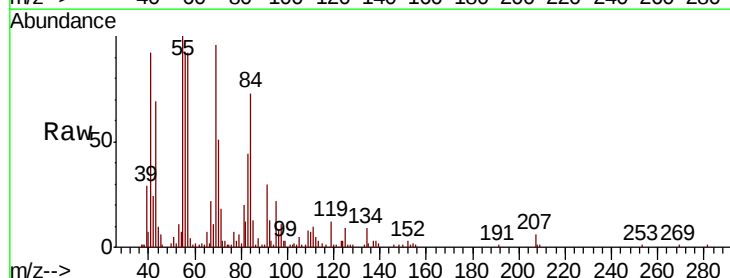
Instrument :
 MSVOA_X
 ClientSampleId :
 OIL-WATER-SEPARATOR

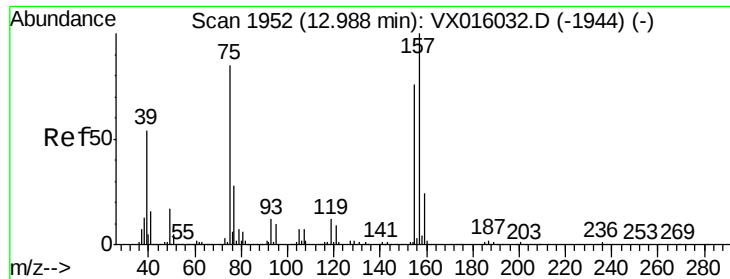
Tot Ion:105 Resp: 110702
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#



#89
 n-Butylbenzene
 Concen: 0.350 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016161.D
 Acq: 11 May 2020 19:51

Tgt Ion: 91 Resp: 5163
 Ion Ratio Lower Upper
 91 100
 92 41.9 27.6 82.7
 134 71.3 13.4 40.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.220 ug/l

RT: 12.97 min Scan# 1949

Delta R.T. -0.02 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR

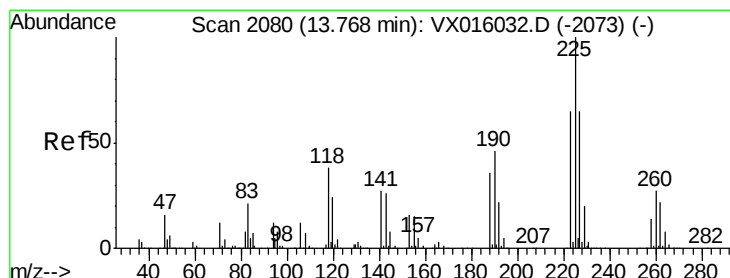
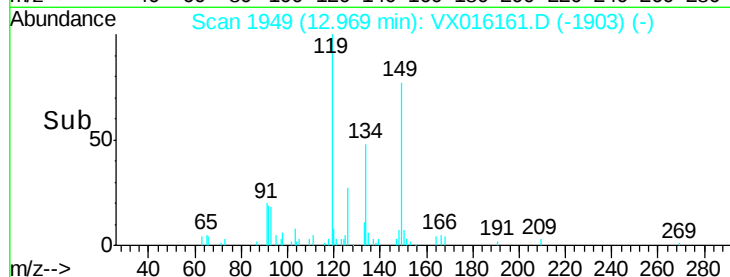
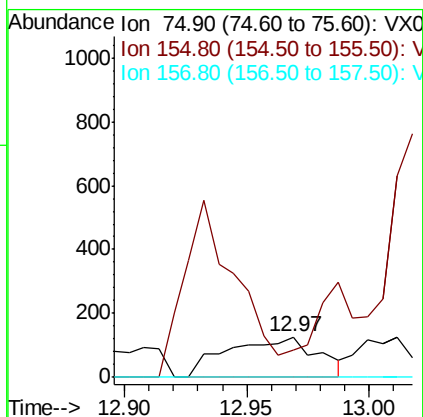
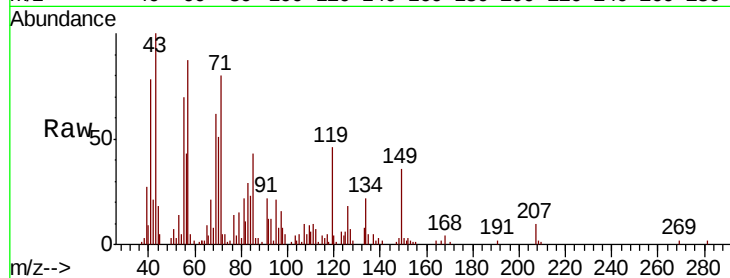
Tot Ion: 75 Resp: 320

Ion Ratio Lower Upper

75 100

155 92.5 42.5 127.5

157 0.0 55.3 165.8#



#94

Hexachlorobutadiene

Concen: 0.578 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016161.D

Acq: 11 May 2020 19:51

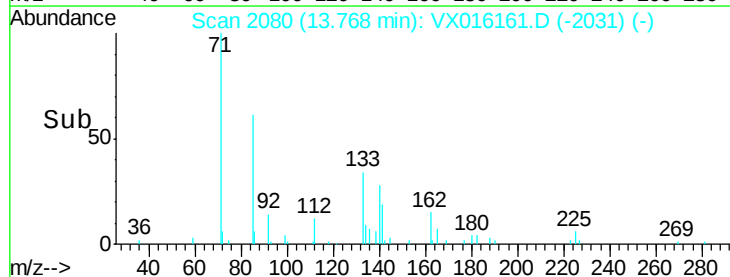
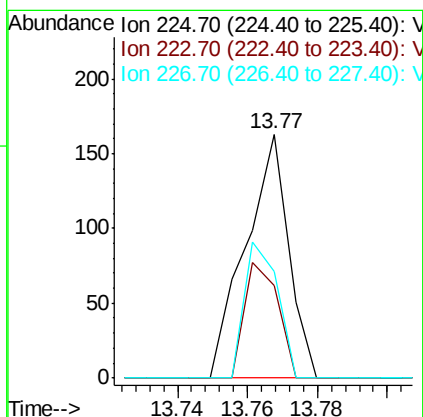
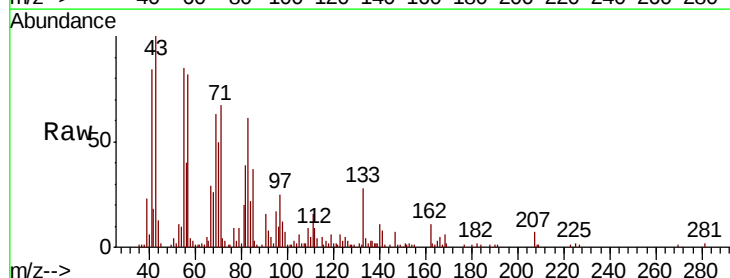
Tgt Ion: 225 Resp: 139

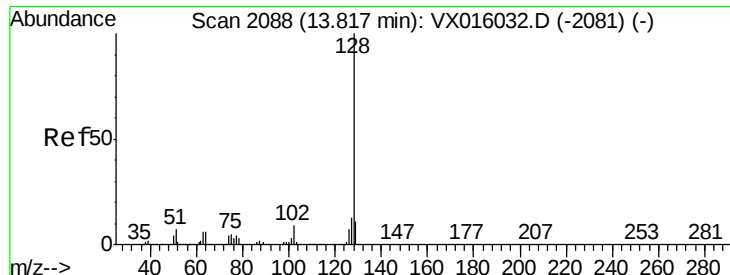
Ion Ratio Lower Upper

225 100

223 36.7 32.3 96.9

227 42.4 31.8 95.4





#95

Naphthalene

Concen: 0.405 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016161.D

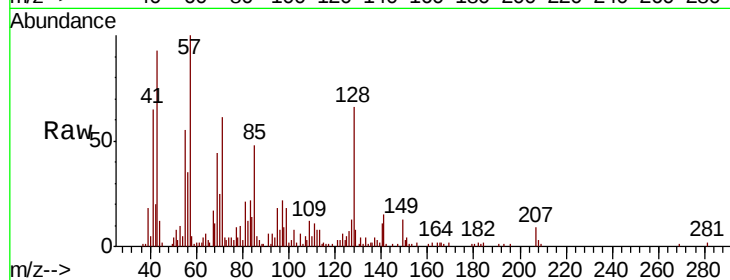
Acq: 11 May 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

OIL-WATER-SEPARATOR



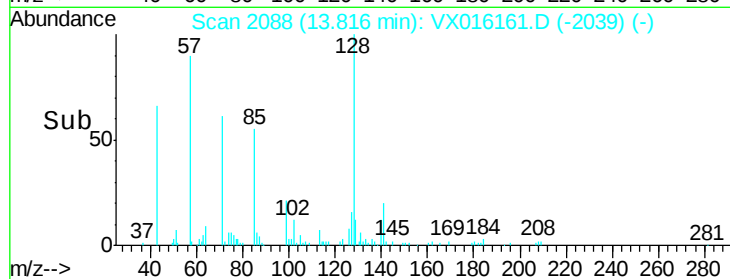
Tot Ion:128 Resp: 7667

Ion Ratio Lower Upper

128 100

127 22.4 10.2 15.4#

129 15.2 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

