

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042219\
 Data File : VX009099.D
 Acq On : 22 Apr 2019 15:59
 Operator : JC/SP
 Sample : K2508-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRIS-220-3

Quant Time: Apr 23 02:34:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	160541	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	5.50	113	118933	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	8.71	98	494245	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	160849	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	423	4.036	ug/l #	69
6) Chloroethane	1.73	64	609	0.311	ug/l #	86
8) Diethyl Ether	2.18	74	858	0.483	ug/l #	1
10) Methyl Iodide	2.53	142	109	4.451	ug/l #	42
11) Tert butyl alcohol	3.04	59	13056	17.259	ug/l	96
13) Acrolein	2.29	56	350	0.535	ug/l #	14
14) Allyl chloride	2.85	41	77556	13.708	ug/l #	31
16) Acetone	2.45	43	15826	8.955	ug/l	96
17) Carbon Disulfide	2.57	76	877	1.365	ug/l	96
18) Methyl Acetate	2.78	43	39360	8.923	ug/l	97
20) Methylene Chloride	2.85	84	1516145	501.644	ug/l	99
25) 2-Butanone	4.69	43	4614	1.633	ug/l	97
28) Bromochloromethane	5.03	49	354	Below Cal	#	60
29) Tetrahydrofuran	5.14	42	1561	0.826	ug/l #	87
31) Cyclohexane	5.67	56	4962	0.914	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	19177	4.684	ug/l #	50
37) Ethyl Acetate	4.84	43	55274	10.491	ug/l	98
38) Carbon Tetrachloride	5.66	117	22667	6.530	ug/l #	17
43) Isopropyl Acetate	6.45	43	14971	1.763	ug/l	97
48) Methyl methacrylate	7.68	41	10740	2.560	ug/l #	31
49) 1,4-Dioxane	7.87	88	278	3.540	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1304054	241.084	ug/l	96
52) Toluene	8.79	92	4770	0.659	ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	39948	8.104	ug/l #	73
56) Ethyl methacrylate	9.18	69	11637	2.262	ug/l	97
57) 1,3-Dichloropropane	9.54	76	9321	1.825	ug/l #	44
59) 2-Hexanone	9.44	43	11348	2.721	ug/l #	26
67) Ethyl Benzene	10.25	91	10916	0.841	ug/l	99
68) m/p-Xylenes	10.35	106	16102	3.413	ug/l	100
69) o-Xylene	10.70	106	8381	1.826	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	81490	23.465	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	6445	0.712	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	81490	60.242	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	20641	2.242	ug/l	99

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QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

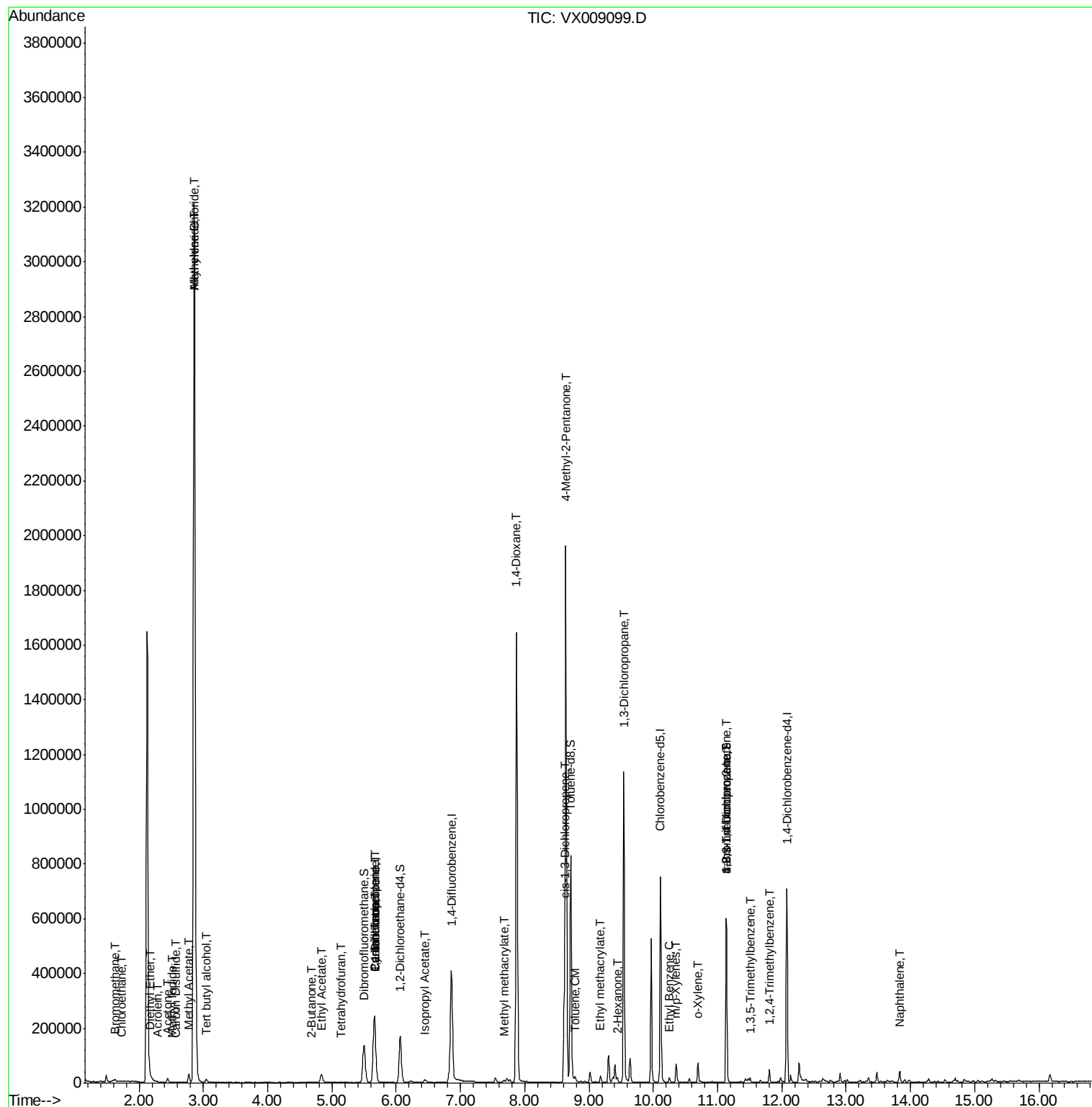
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	24047	2.212	ug/l	99

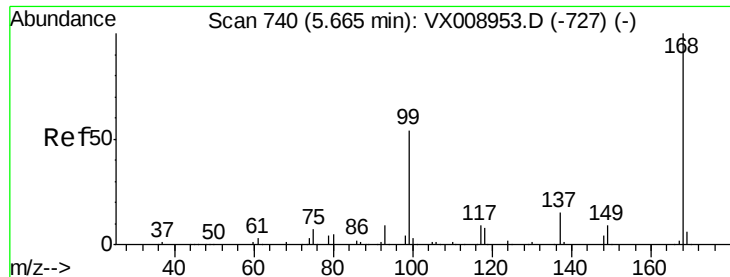
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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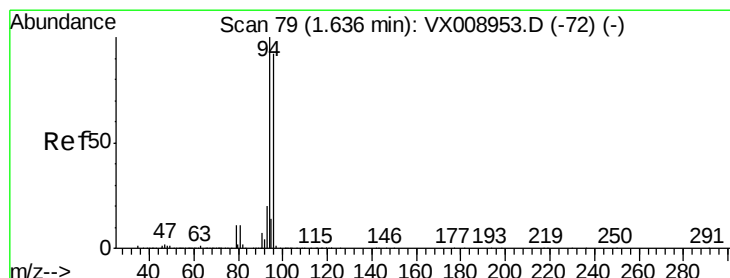
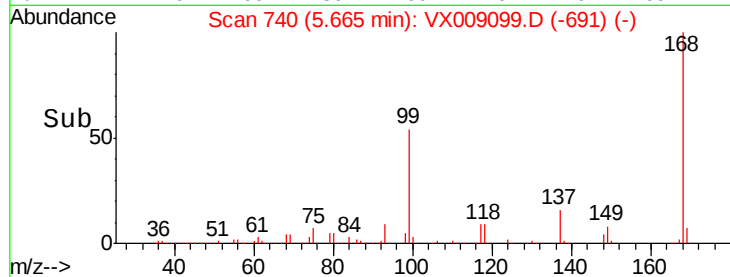
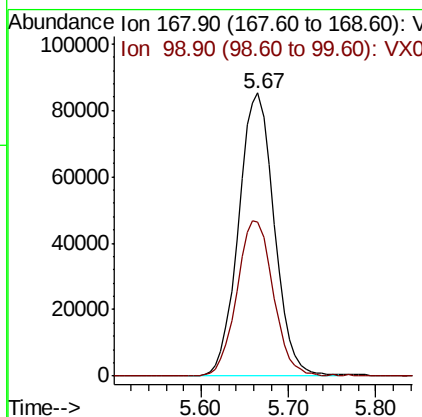
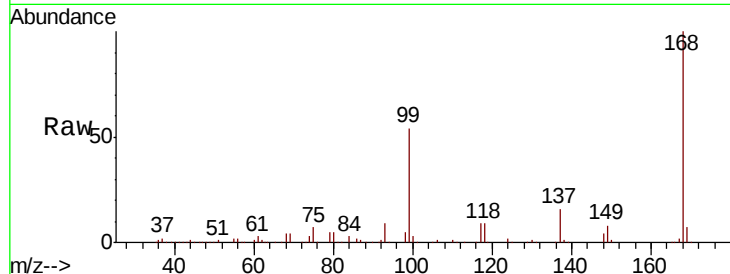




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

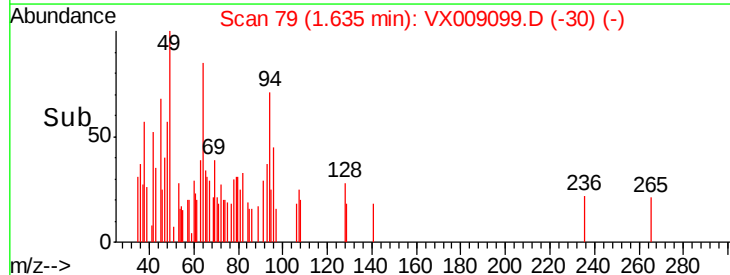
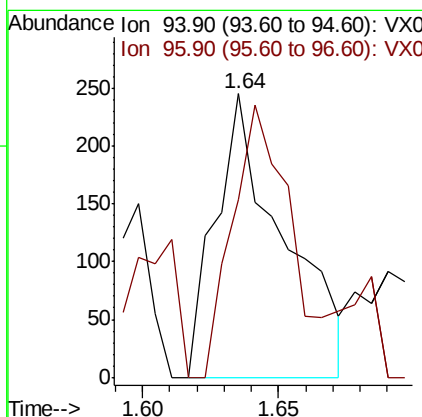
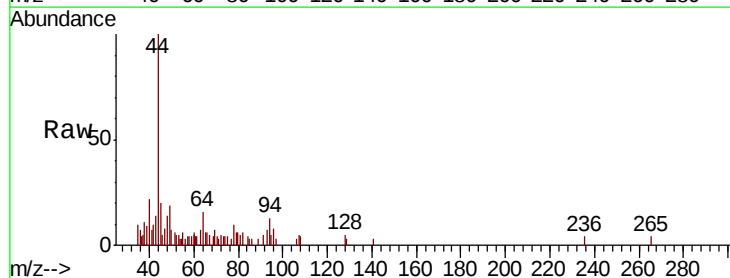
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-220-3

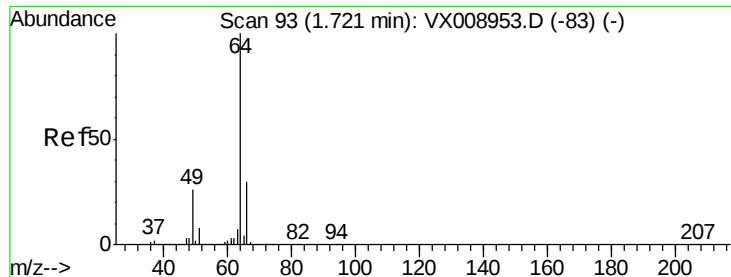
Tot Ion:168 Resp: 241828
Ion Ratio Lower Upper
168 100
99 54.2 43.0 64.6



#5
Bromomethane
Concen: 4.036 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Tgt Ion: 94 Resp: 423
Ion Ratio Lower Upper
94 100
96 62.4 73.9 110.9#





#6

Chloroethane

Concen: 0.311 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.01 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

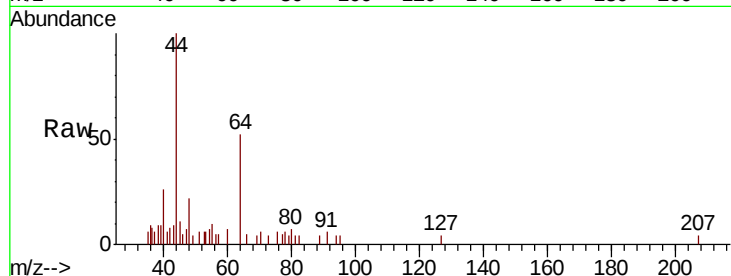
OILY-DEBRIS-220-3

Tot Ion: 64 Resp: 609

Ion Ratio Lower Upper

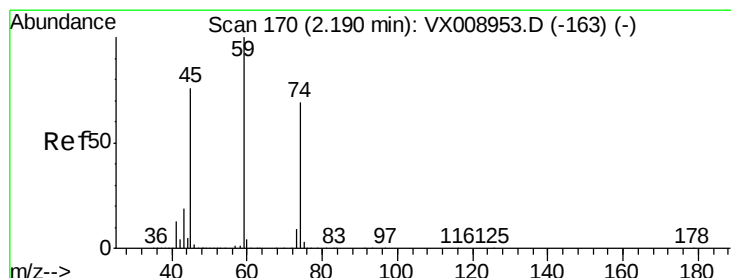
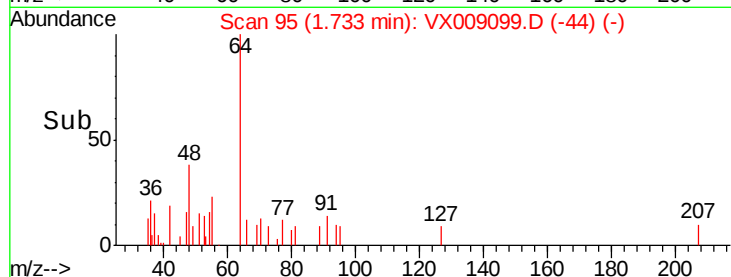
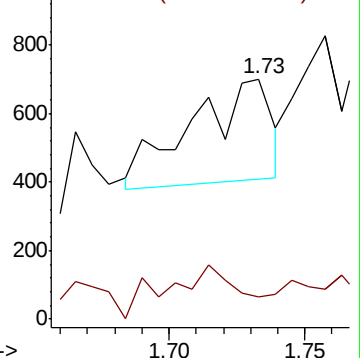
64 100

66 22.8 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.483 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX009099.D

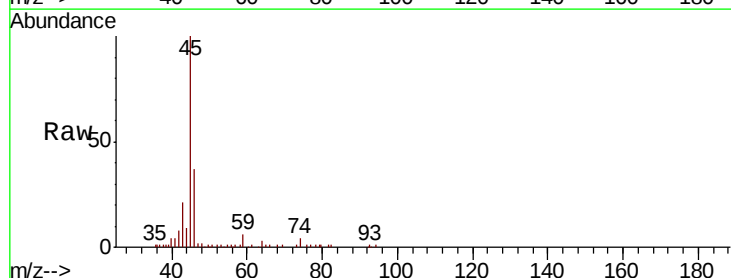
Acq: 22 Apr 2019 15:59

Tgt Ion: 74 Resp: 858

Ion Ratio Lower Upper

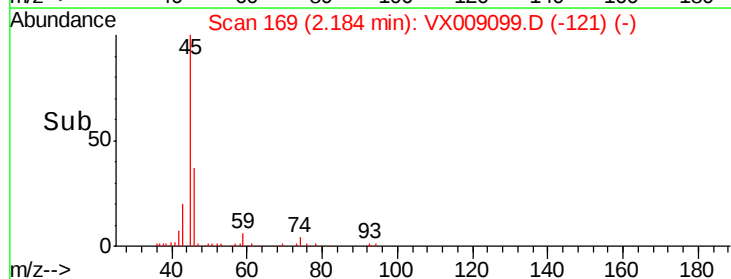
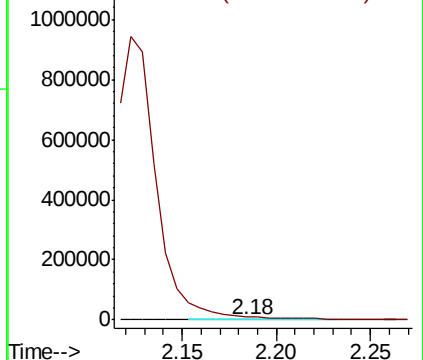
74 100

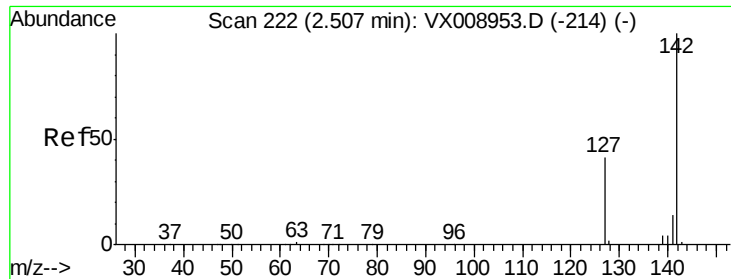
45 0.0 54.9 164.8#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

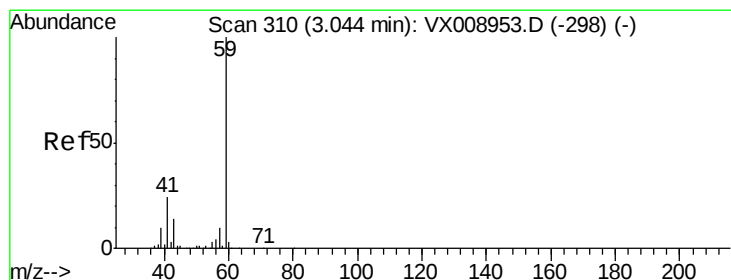
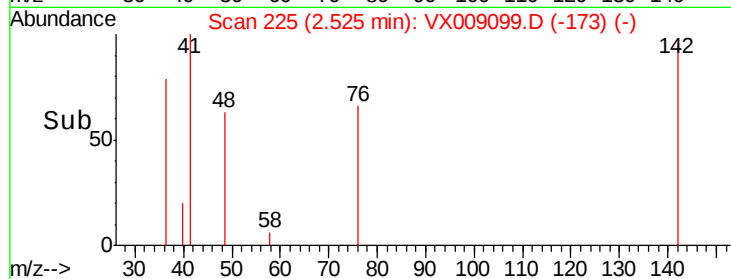
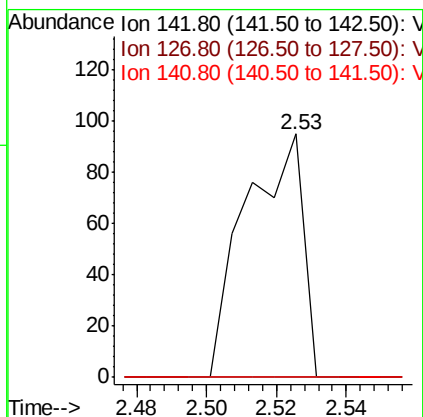
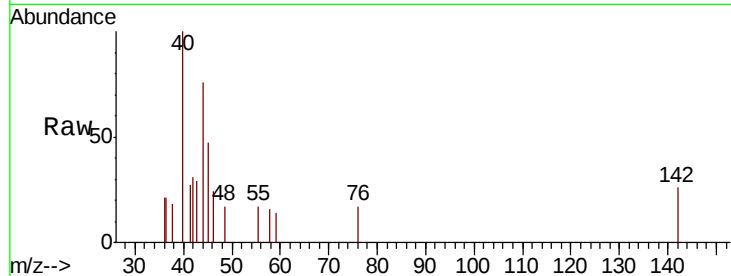




#10
Methvl Iodide
Concen: 4.451 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

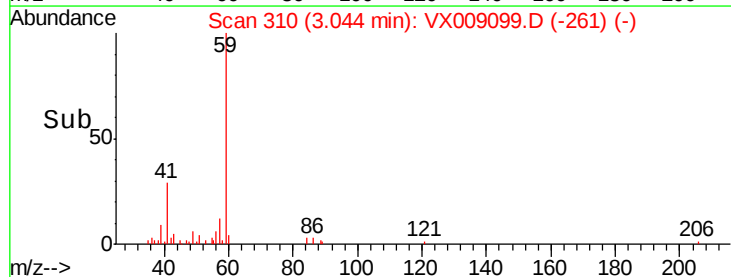
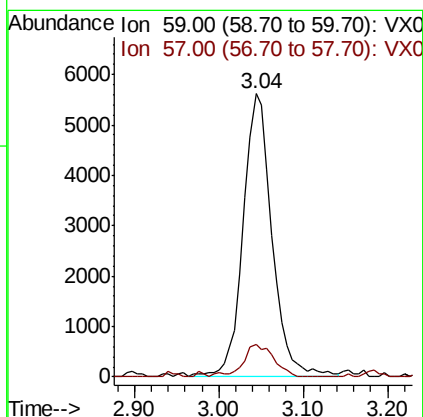
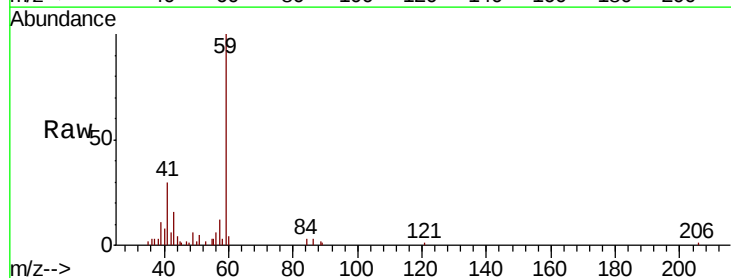
Instrument :
MSVOA_X
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OILY-DEBRIS-220-3

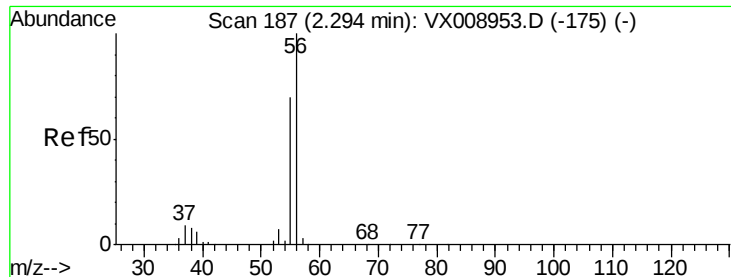
Tot Ion:142 Resp: 109
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 17.259 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Tgt Ion: 59 Resp: 13056
Ion Ratio Lower Upper
59 100
57 12.0 8.4 12.6





#13

Acrolein

Concen: 0.535 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

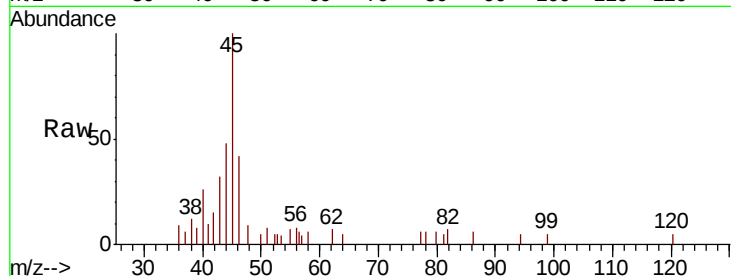
OILY-DEBRIS-220-3

Tot Ion: 56 Resp: 350

Ion Ratio Lower Upper

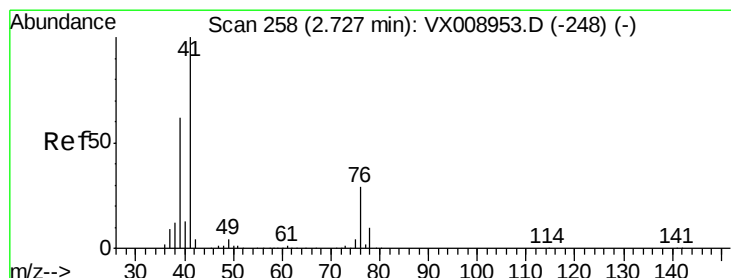
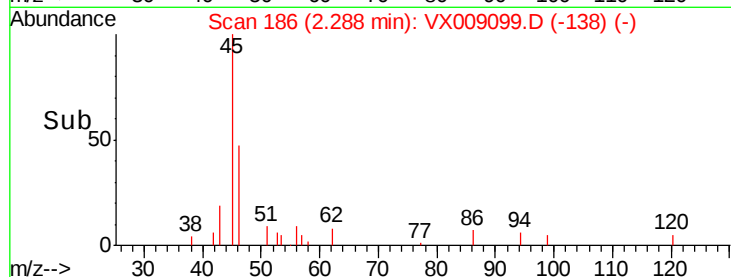
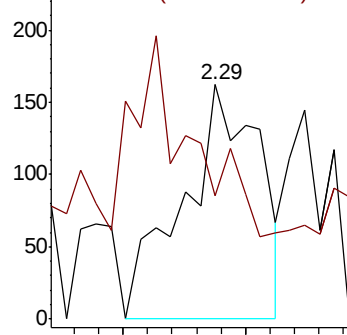
56 100

55 0.0 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 13.708 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

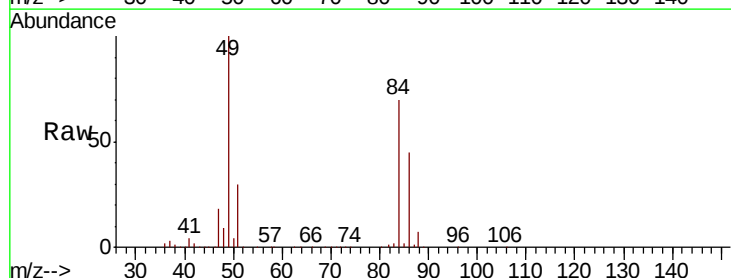
Tgt Ion: 41 Resp: 77556

Ion Ratio Lower Upper

41 100

39 1.2 46.7 70.1#

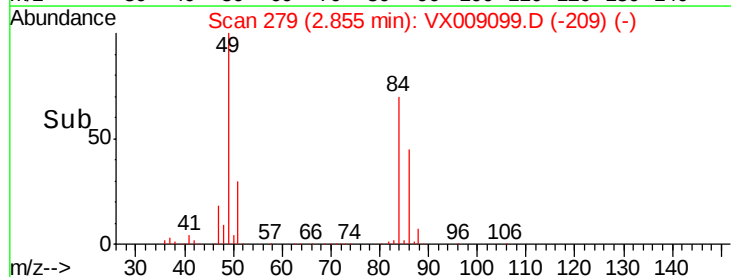
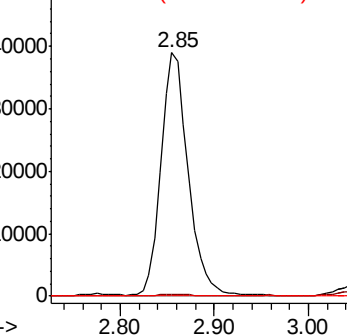
76 0.0 22.0 33.0#

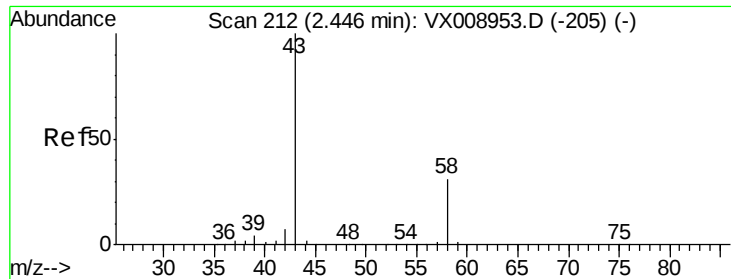


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 8.955 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

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ClientSampleId :

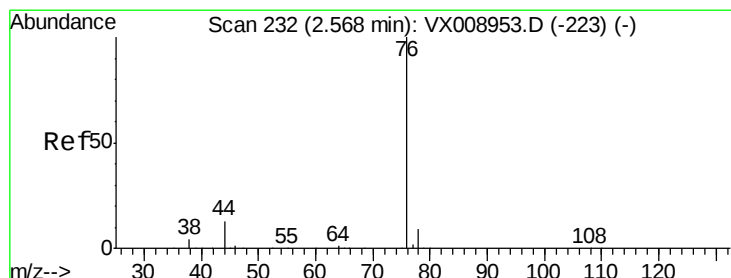
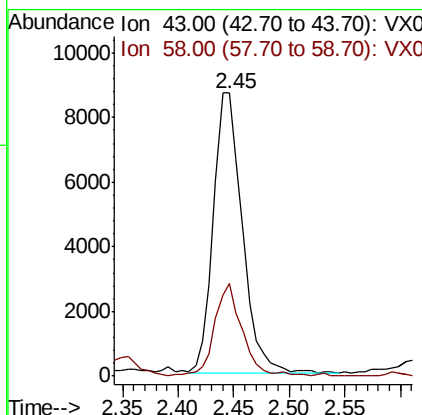
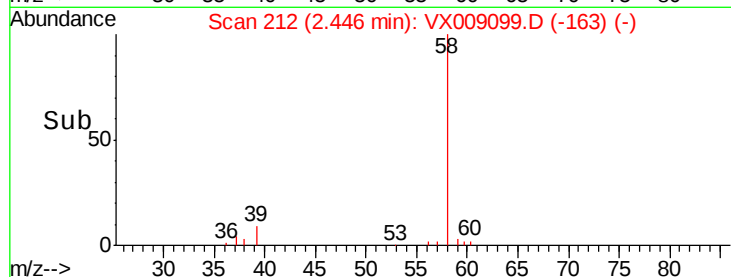
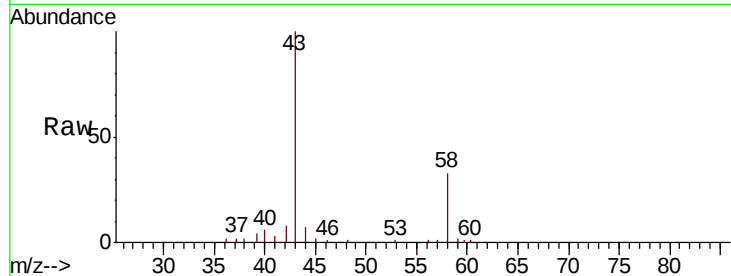
OILY-DEBRIS-220-3

Tot Ion: 43 Resp: 15826

Ion Ratio Lower Upper

43 100

58 33.1 24.8 37.2



#17

Carbon Disulfide

Concen: 1.365 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009099.D

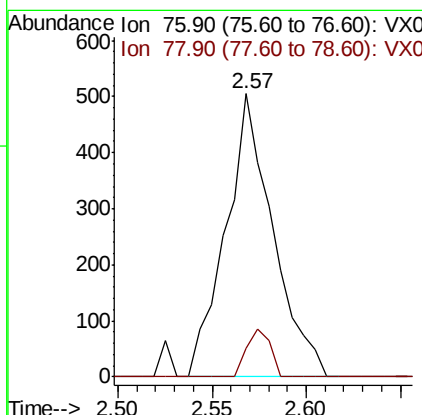
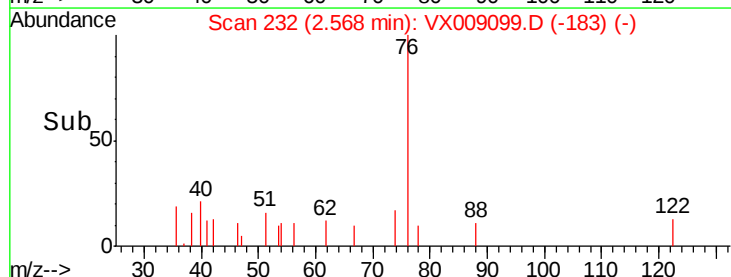
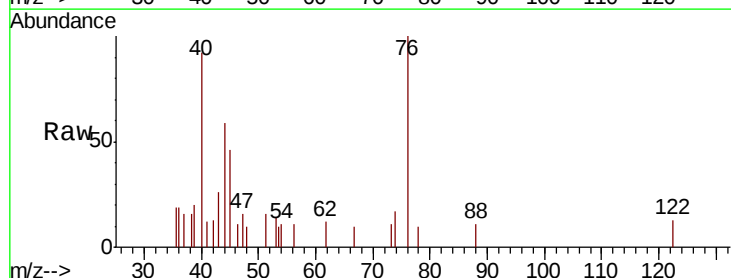
Acq: 22 Apr 2019 15:59

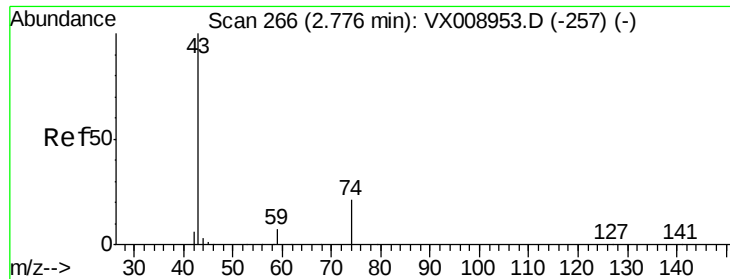
Tgt Ion: 76 Resp: 877

Ion Ratio Lower Upper

76 100

78 10.3 7.2 10.8

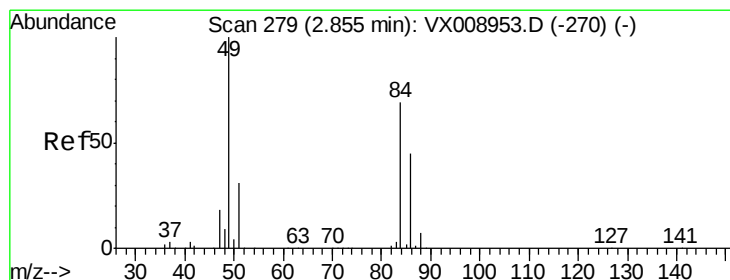
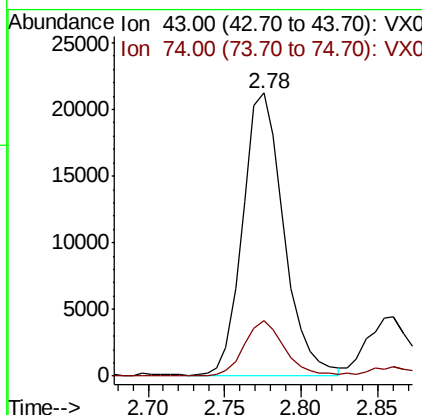
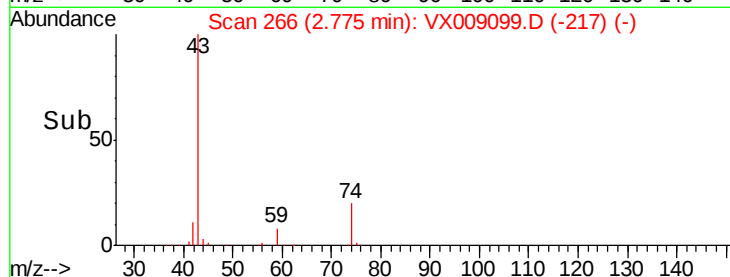
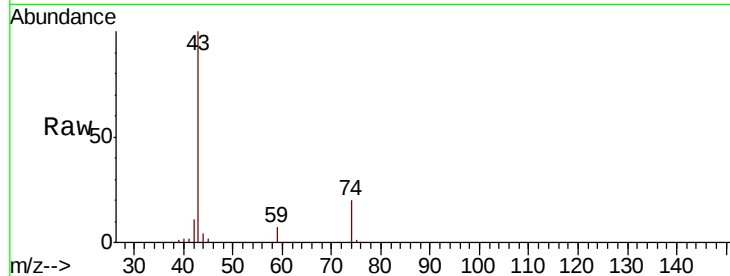




#18
Methyl Acetate
Concen: 8.923 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

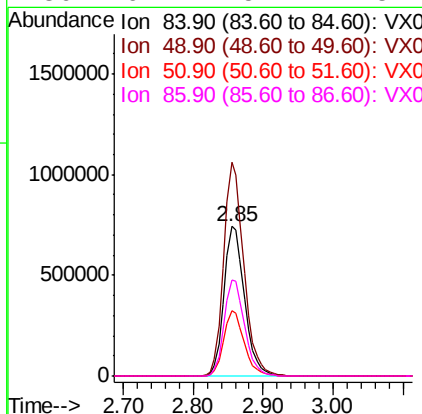
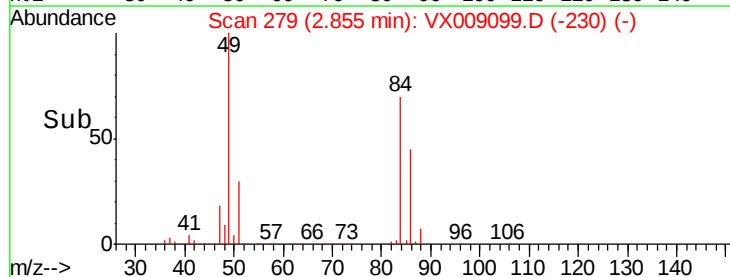
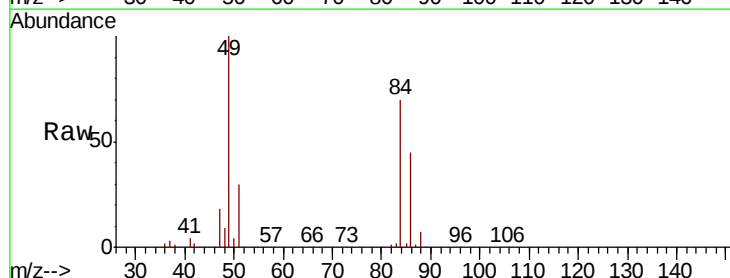
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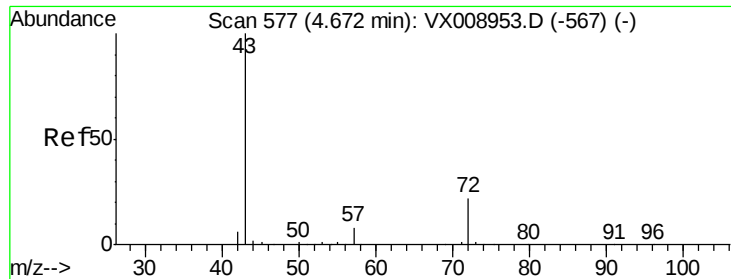
Tot Ion: 43 Resp: 39360
Ion Ratio Lower Upper
43 100
74 19.3 16.6 25.0



#20
Methylene Chloride
Concen: 501.644 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Tgt Ion: 84 Resp: 1516145
Ion Ratio Lower Upper
84 100
49 142.7 115.4 173.0
51 43.5 35.8 53.6
86 64.2 52.1 78.1





#25

2-Butanone

Concen: 1.633 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

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ClientSampleId :

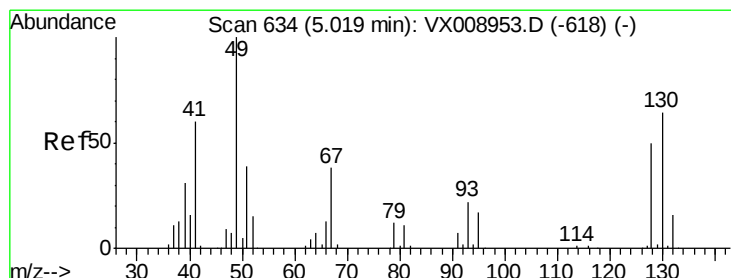
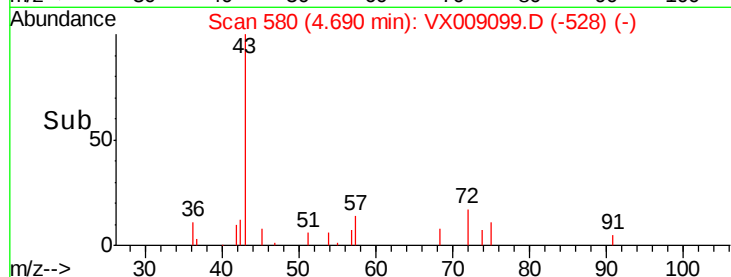
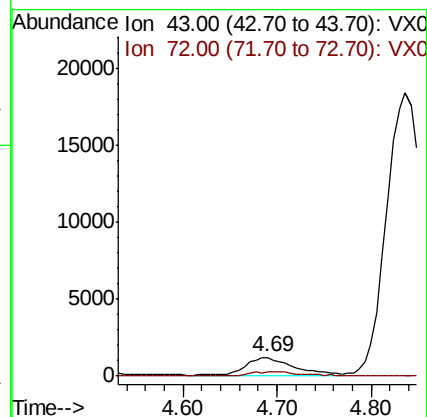
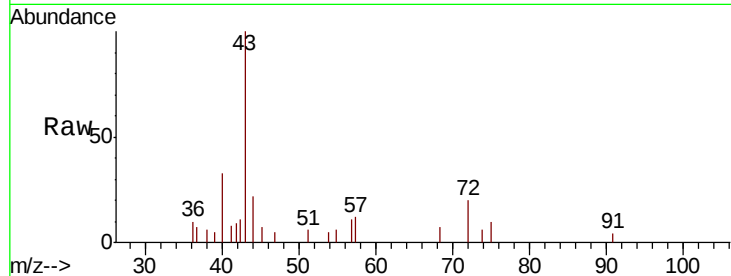
OILY-DEBRIS-220-3

Tot Ion: 43 Resp: 4614

Ion Ratio Lower Upper

43 100

72 20.3 17.5 26.3



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 636

Delta R.T. 0.01 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

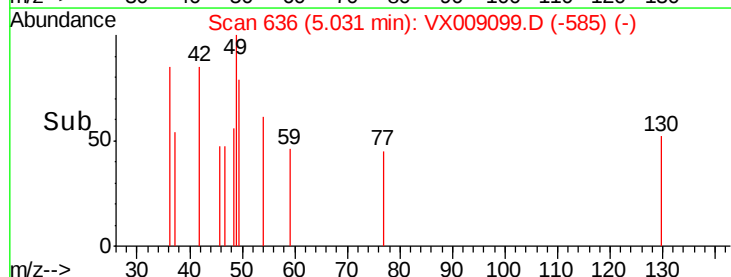
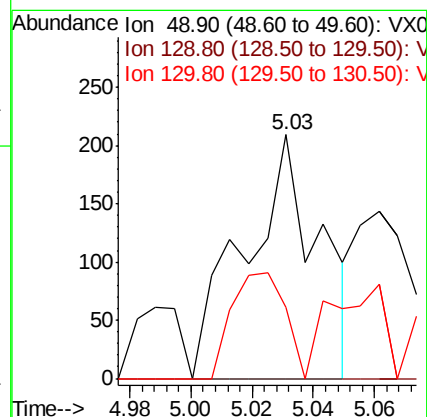
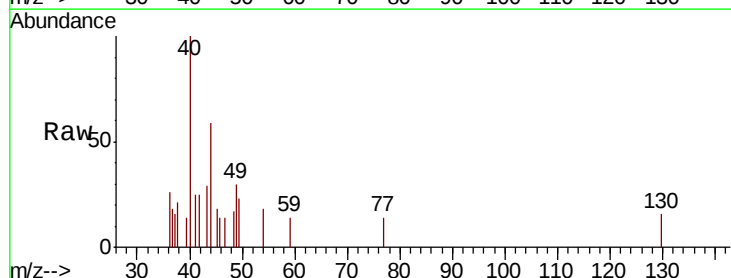
Tgt Ion: 49 Resp: 354

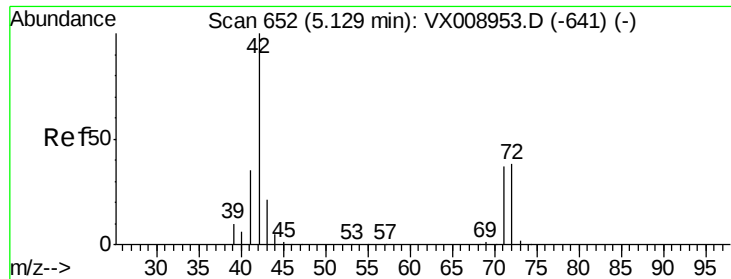
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 31.1 50.4 75.6#





#29

Tetrahydrofuran

Concen: 0.826 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS-220-3

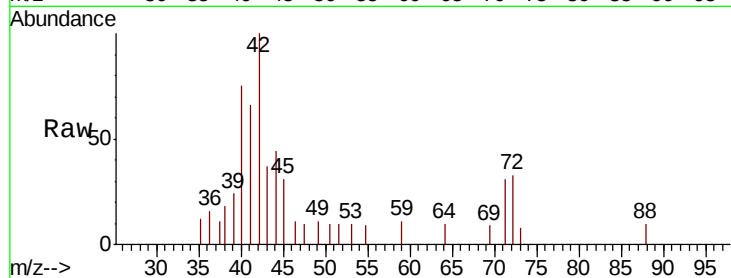
Tot Ion: 42 Resp: 1561

Ion Ratio Lower Upper

42 100

72 42.3 30.6 45.8

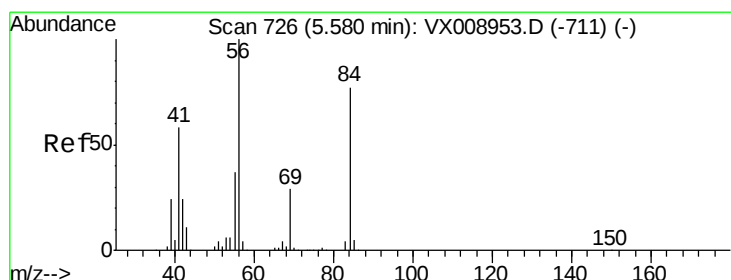
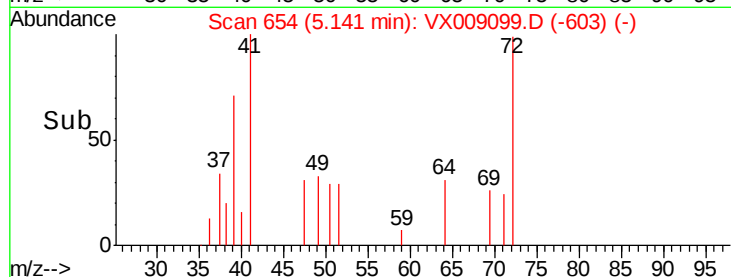
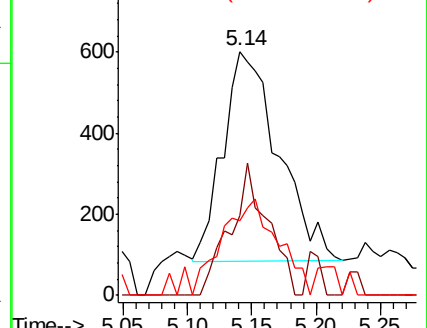
71 47.5 28.8 43.2#



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



#31

Cyclohexane

Concen: 0.914 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

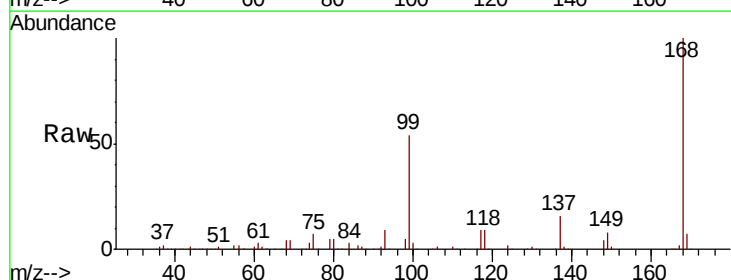
Tgt Ion: 56 Resp: 4962

Ion Ratio Lower Upper

56 100

69 185.4 23.3 34.9#

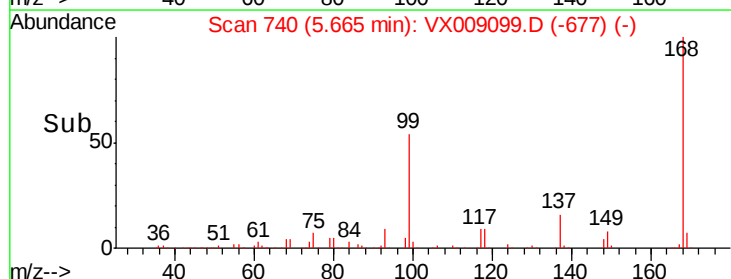
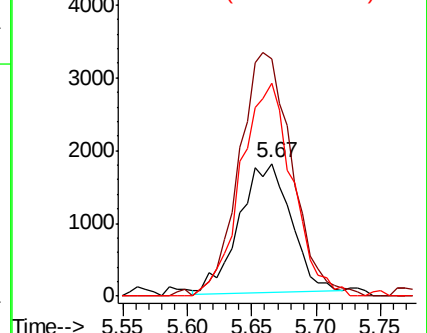
84 166.9 61.7 92.5#

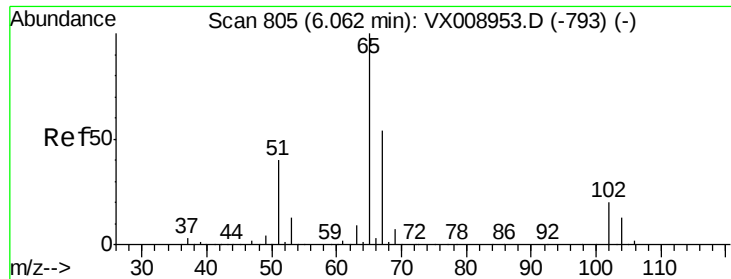


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.107 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

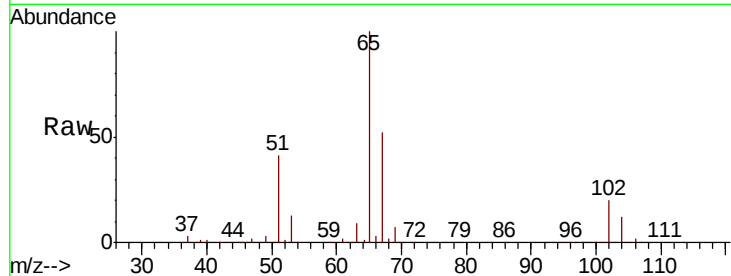
OILY-DEBRIS-220-3

Tot Ion: 65 Resp: 160541

Ion Ratio Lower Upper

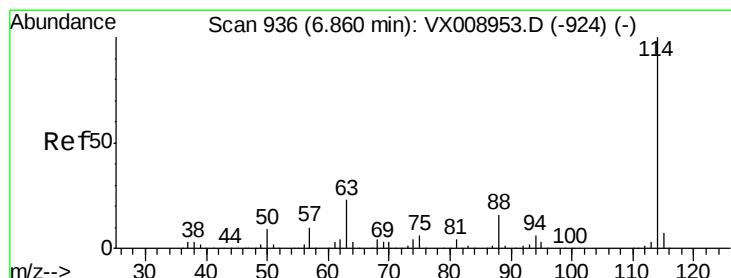
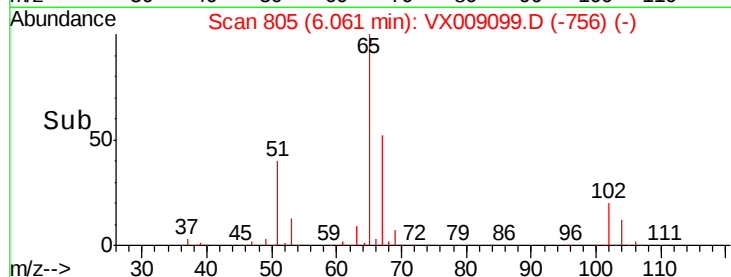
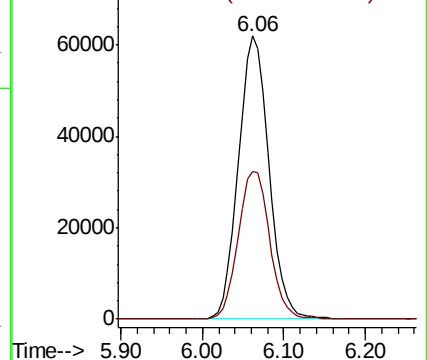
65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

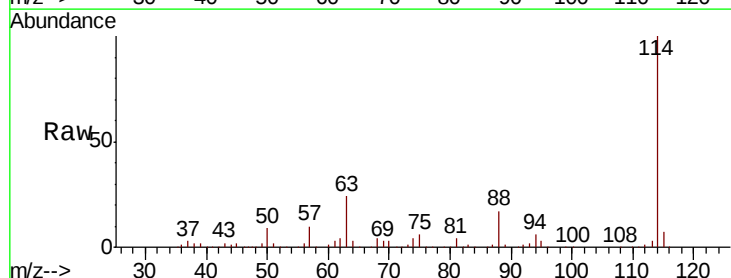
Tgt Ion: 114 Resp: 395906

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.0

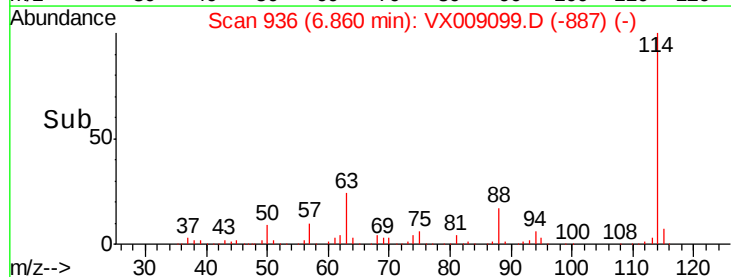
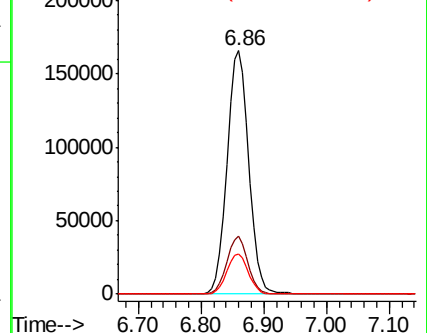
88 16.6 0.0 32.6

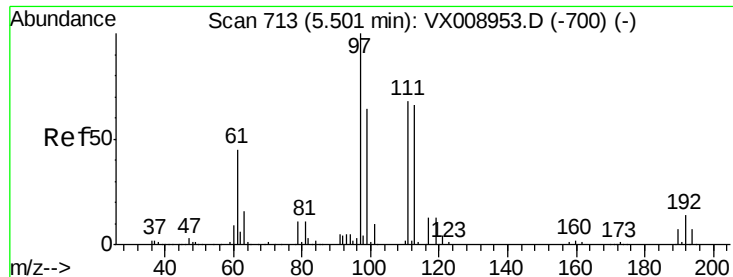


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

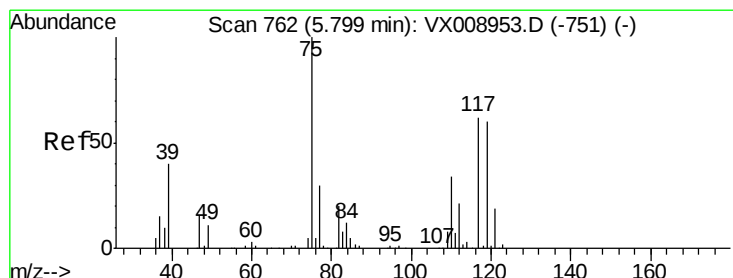
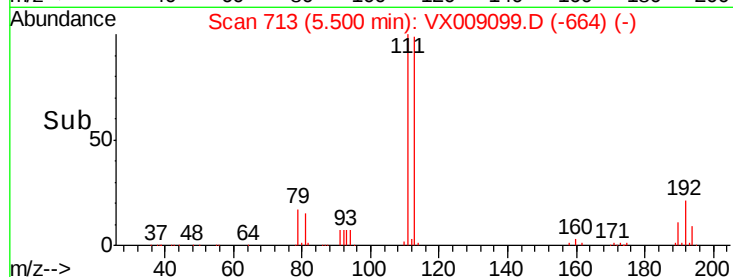
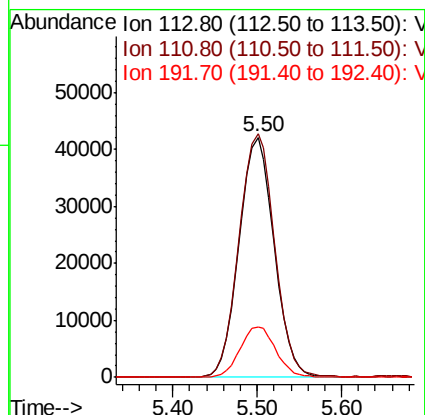
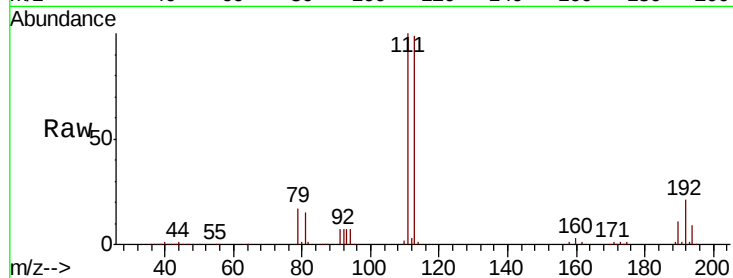




#35
 Dibromofluoromethane
 Concen: 46.809 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009099.D
 Acq: 22 Apr 2019 15:59

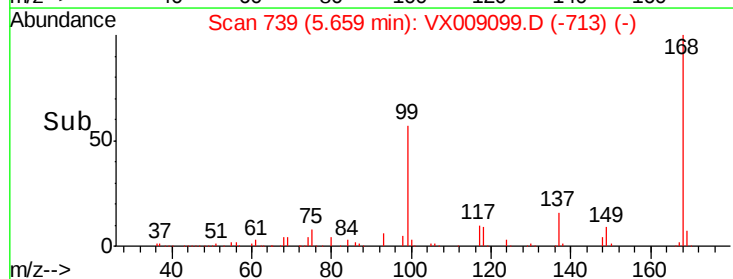
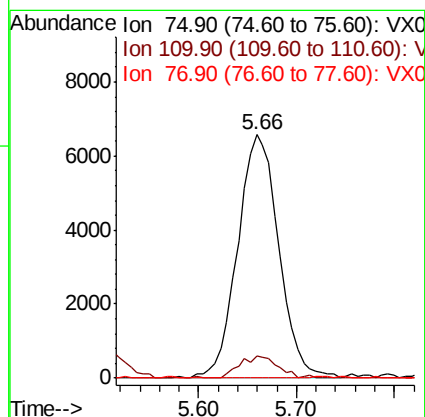
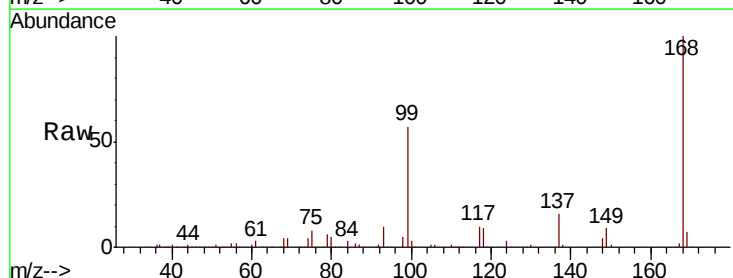
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRIS-220-3

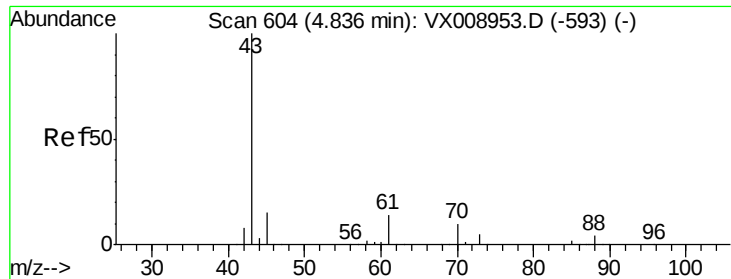
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	21.4	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 4.684 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009099.D
 Acq: 22 Apr 2019 15:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.9	50.7#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 10.491 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS-220-3

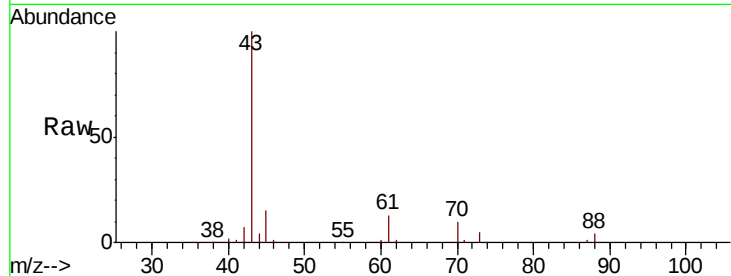
Tot Ion: 43 Resp: 55274

Ion Ratio Lower Upper

43 100

61 14.0 10.6 15.8

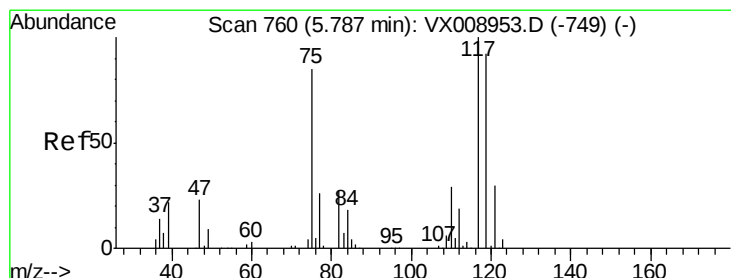
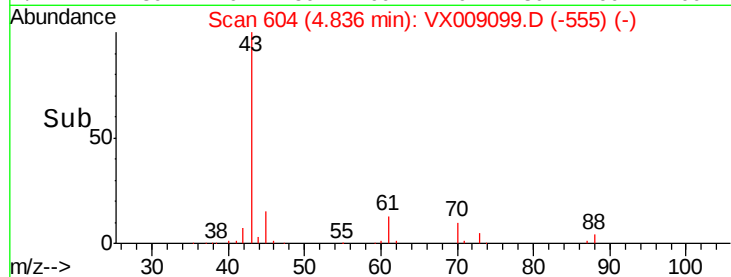
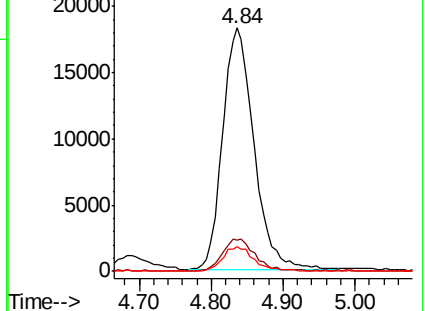
70 10.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008953.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008953.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 6.530 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

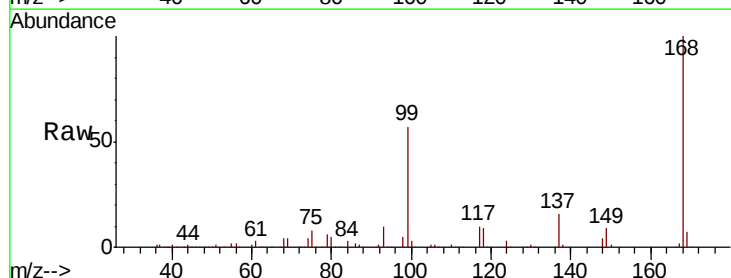
Tgt Ion: 117 Resp: 22667

Ion Ratio Lower Upper

117 100

119 4.9 73.8 110.8#

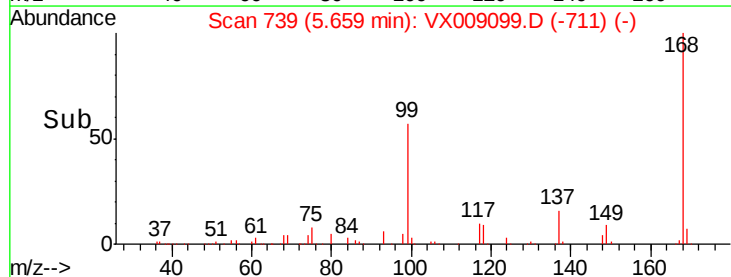
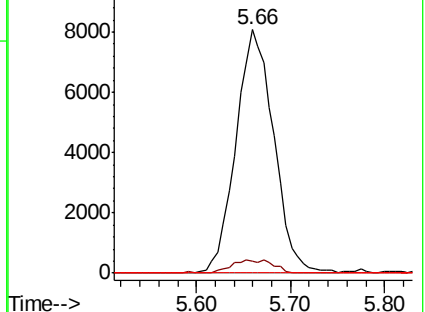
121 0.0 23.6 35.4#

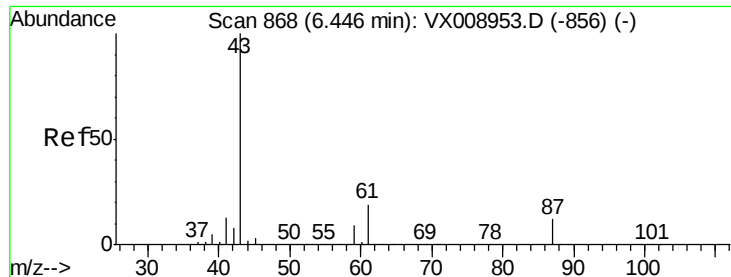


Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008953.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008953.D (-749) (-)





#43

Isopropyl Acetate

Concen: 1.763 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS-220-3

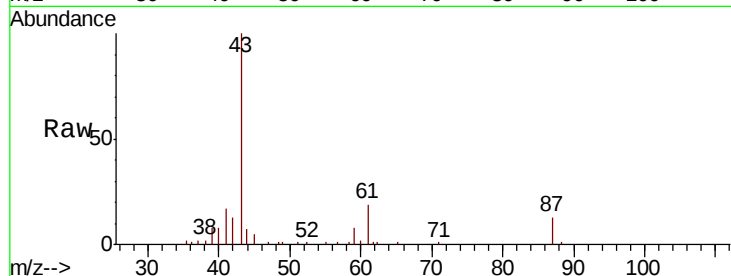
Tot Ion: 43 Resp: 14971

Ion Ratio Lower Upper

43 100

61 20.5 15.4 23.0

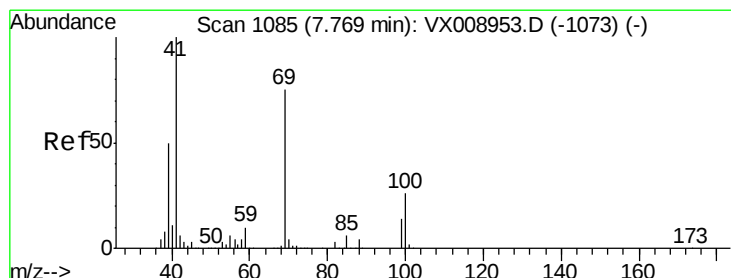
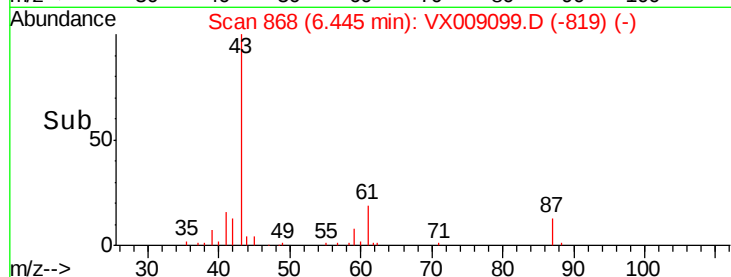
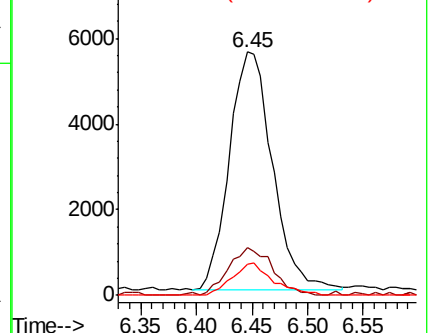
87 12.7 9.0 13.4



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



#48

Methyl methacrylate

Concen: 2.560 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

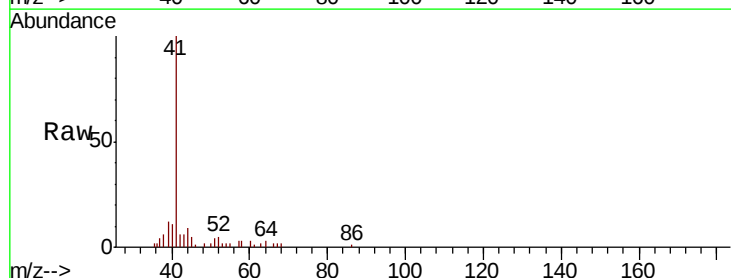
Tgt Ion: 41 Resp: 10740

Ion Ratio Lower Upper

41 100

69 0.0 59.4 89.2#

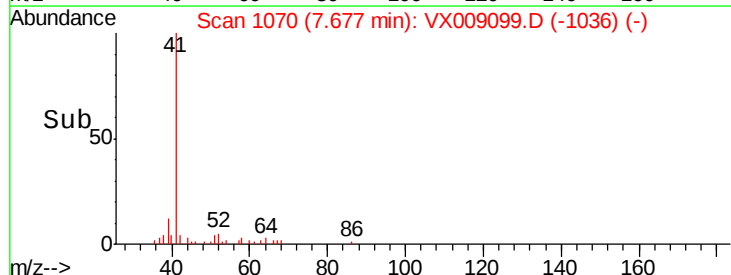
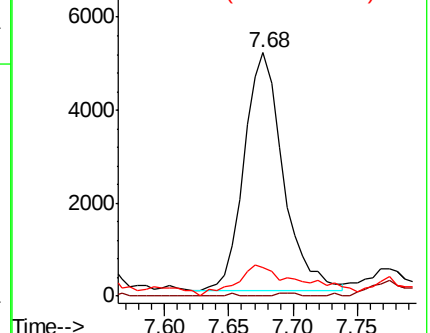
39 21.7 39.8 59.6#

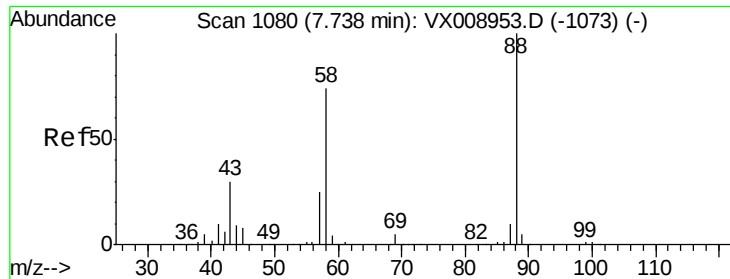


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3.540 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.13 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS-220-3

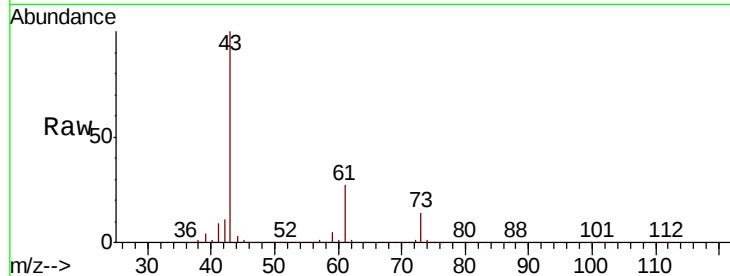
Tot Ion: 88 Resp: 278

Ion Ratio Lower Upper

88 100

43 560525.5 29.3 43.9#

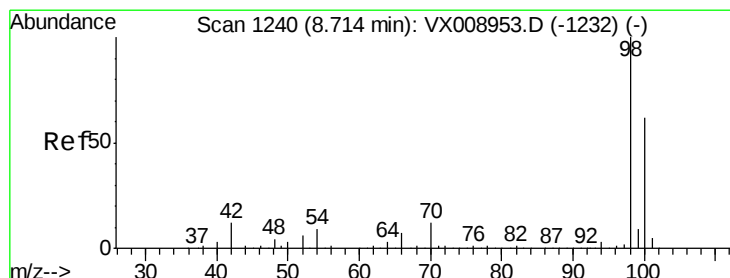
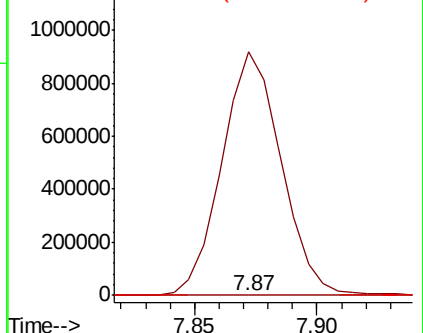
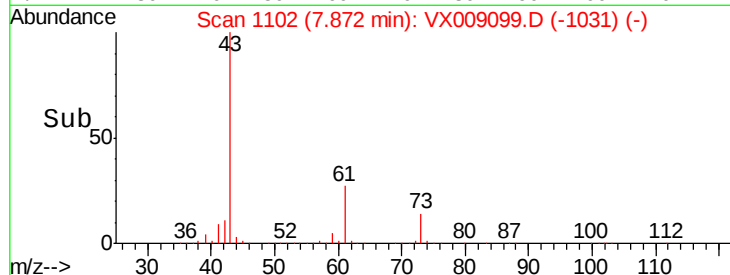
58 2139.2 62.6 93.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.776 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009099.D

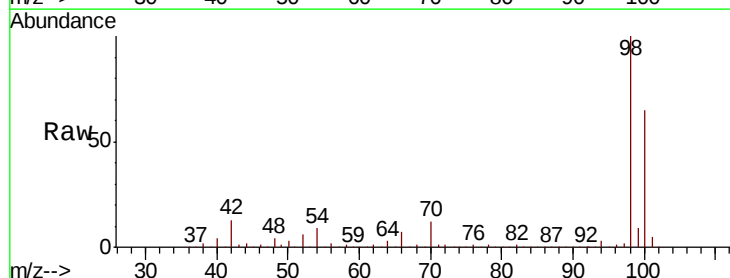
Acq: 22 Apr 2019 15:59

Tgt Ion: 98 Resp: 494245

Ion Ratio Lower Upper

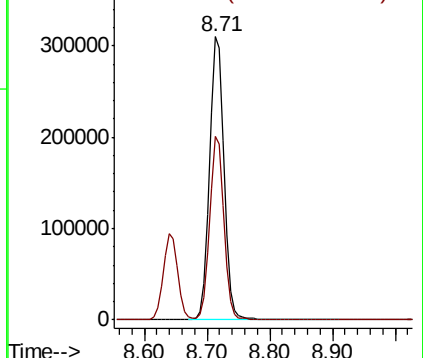
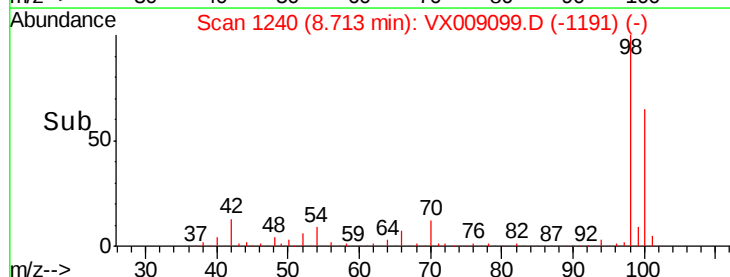
98 100

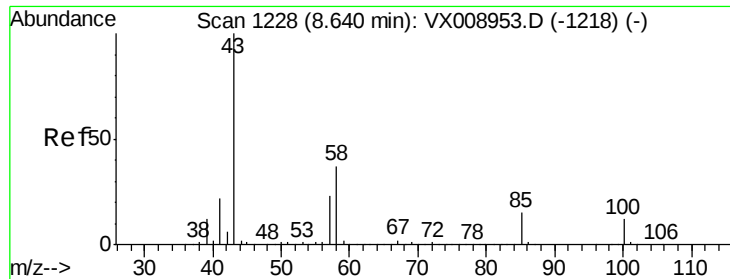
100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

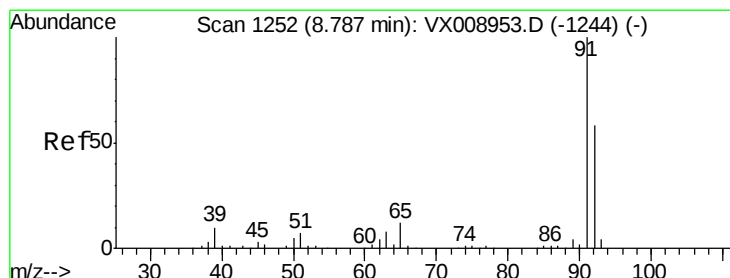
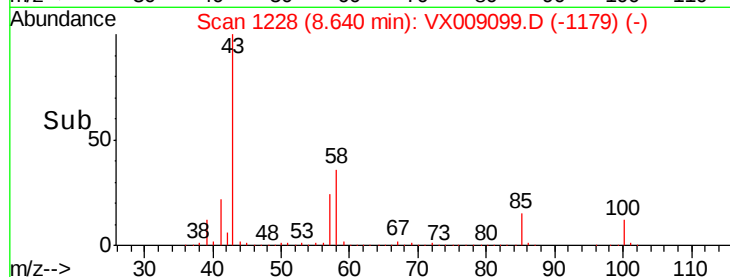
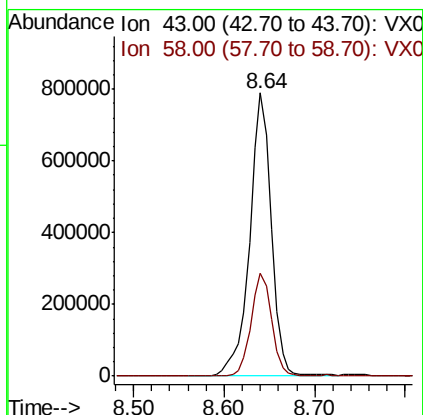
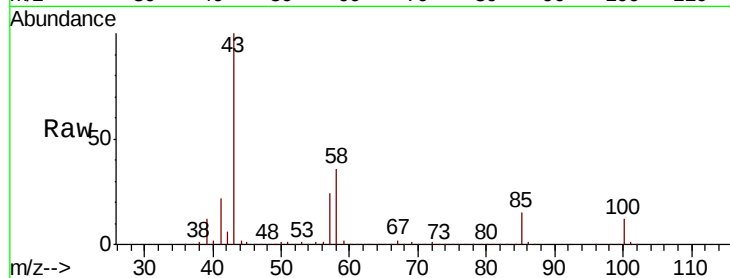




#51
4-Methyl-2-Pentanone
Concen: 241.084 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

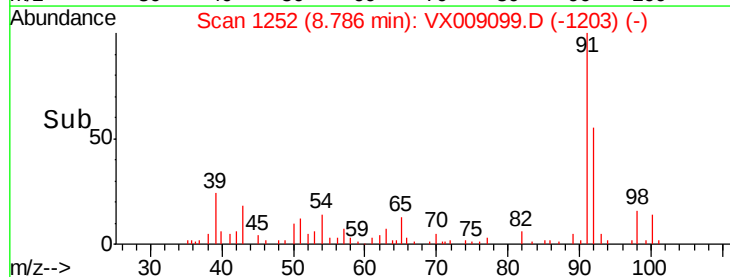
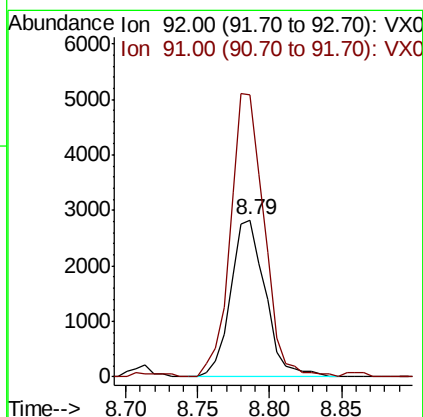
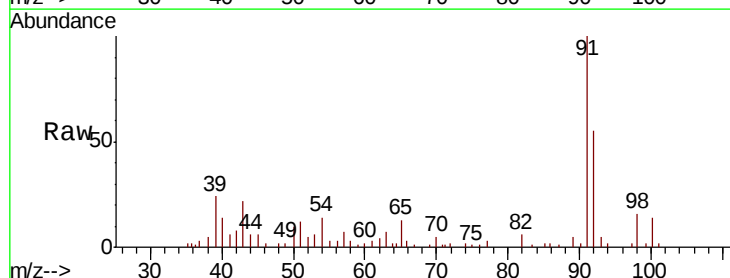
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-220-3

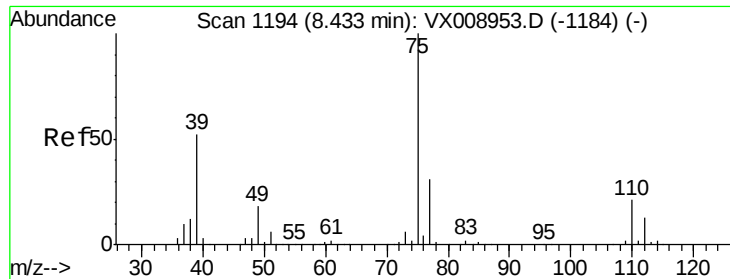
Tot Ion: 43 Resp: 1304054
Ion Ratio Lower Upper
43 100
58 34.5 29.8 44.6



#52
Toluene
Concen: 0.659 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Tgt Ion: 92 Resp: 4770
Ion Ratio Lower Upper
92 100
91 175.3 138.5 207.7



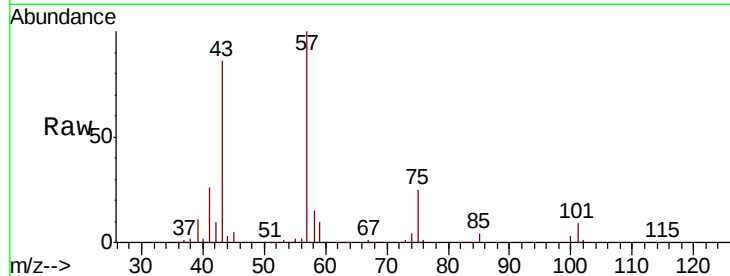


#54

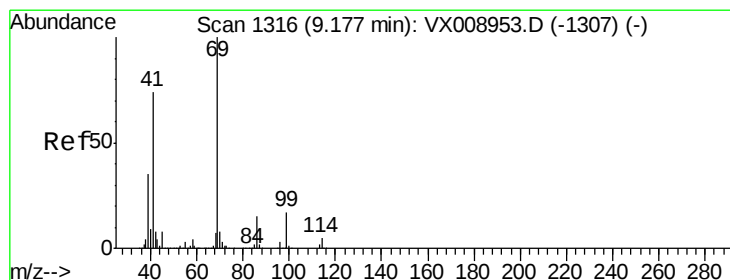
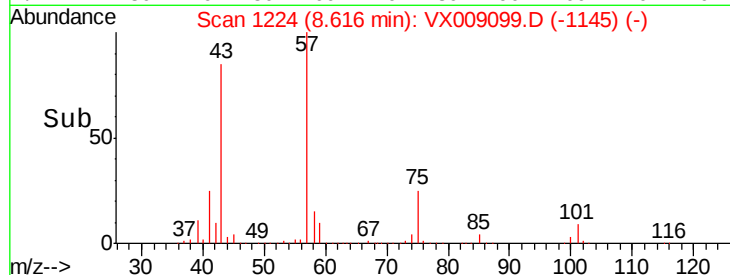
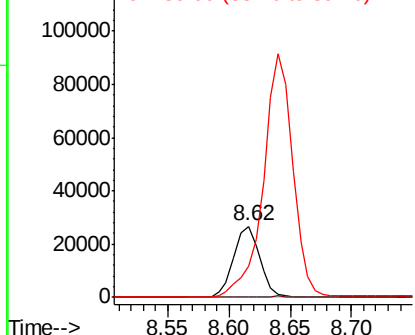
cis-1,3-Dichloropropene
 Concen: 8.104 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX009099.D
 Acq: 22 Apr 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRIS-220-3

Tot Ion: 75 Resp: 39948
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.8 37.2#
 39 44.6 41.8 62.6



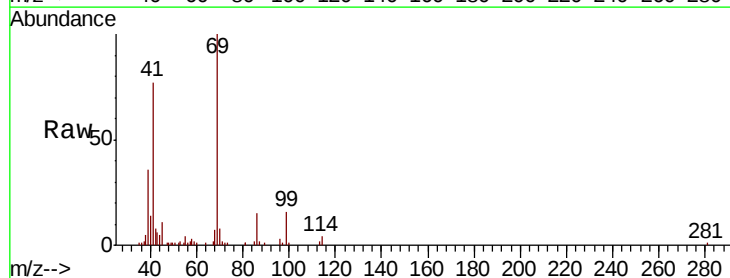
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



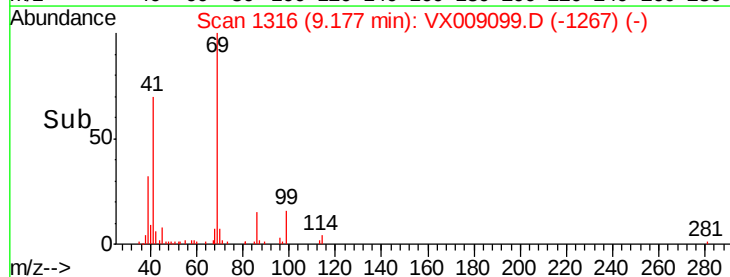
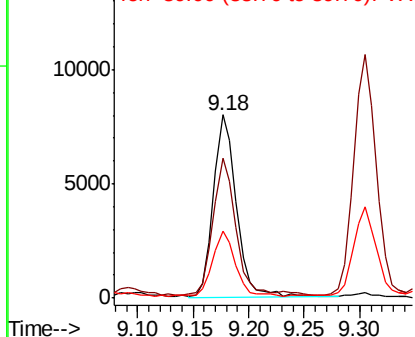
#56

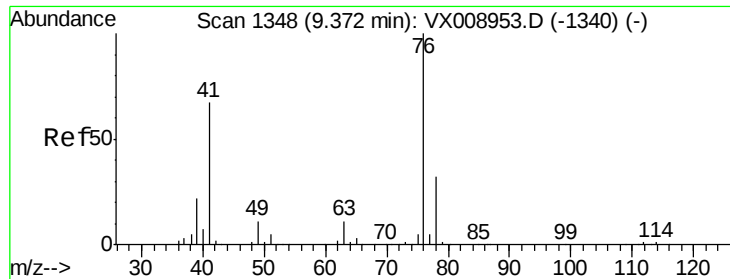
Ethyl methacrylate
 Concen: 2.262 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009099.D
 Acq: 22 Apr 2019 15:59

Tgt Ion: 69 Resp: 11637
 Ion Ratio Lower Upper
 69 100
 41 71.5 60.2 90.2
 39 34.6 27.9 41.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

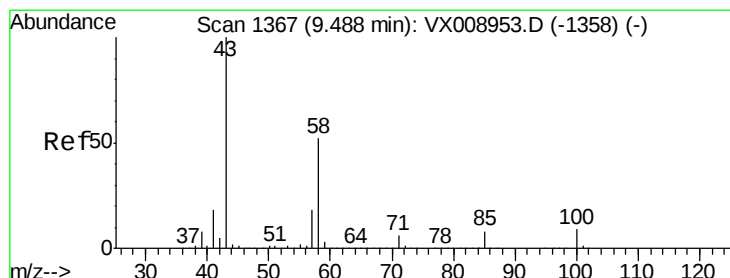
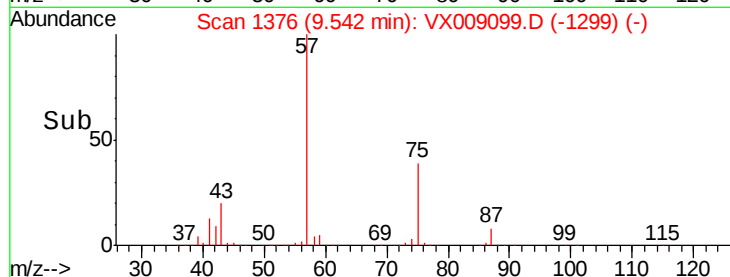
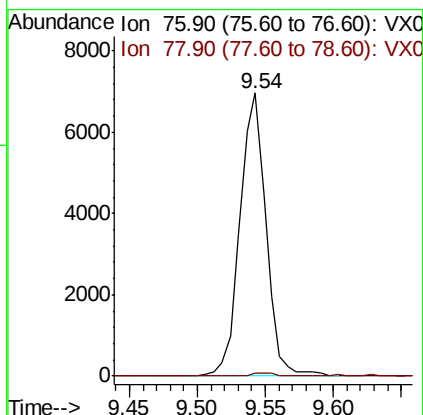
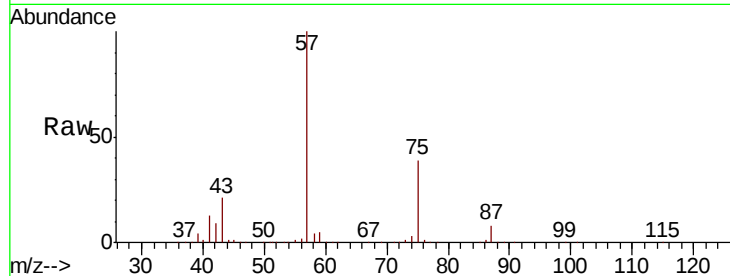




#57
 1,3-Dichloropropane
 Concen: 1.825 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX009099.D
 Acq: 22 Apr 2019 15:59

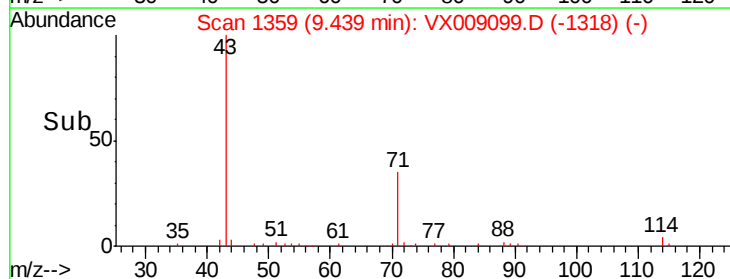
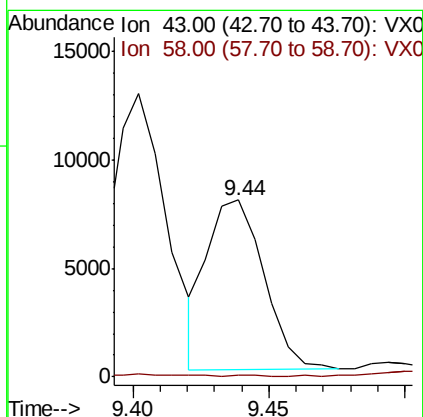
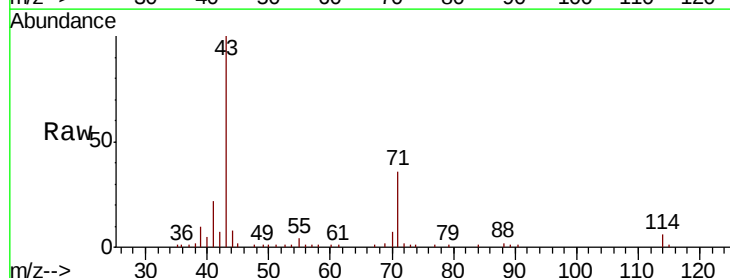
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRIS-220-3

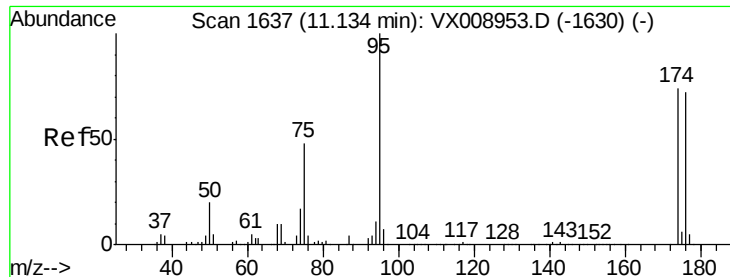
Tot Ion: 76 Resp: 9321
 Ion Ratio Lower Upper
 76 100
 78 0.8 25.7 38.5#



#59
 2-Hexanone
 Concen: 2.721 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.05 min
 Lab File: VX009099.D
 Acq: 22 Apr 2019 15:59

Tgt Ion: 43 Resp: 11348
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.9 77.8#

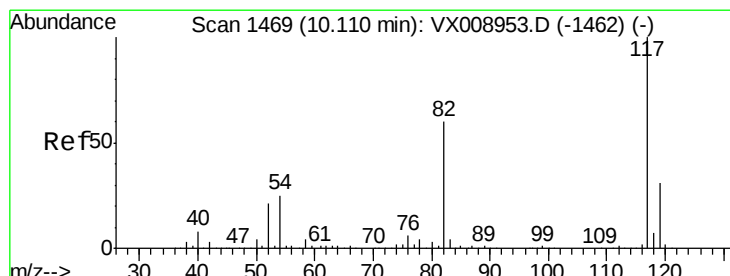
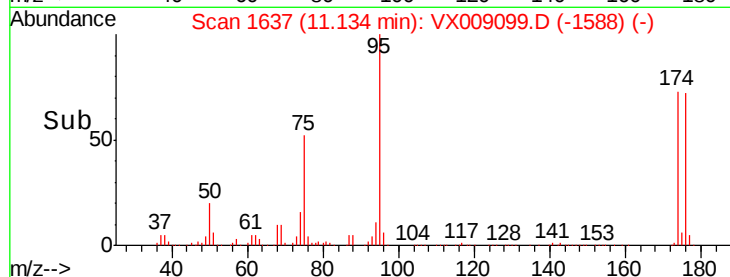
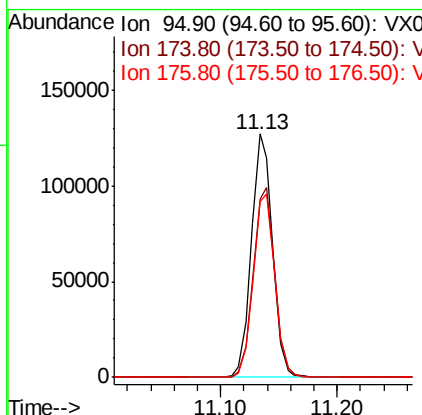
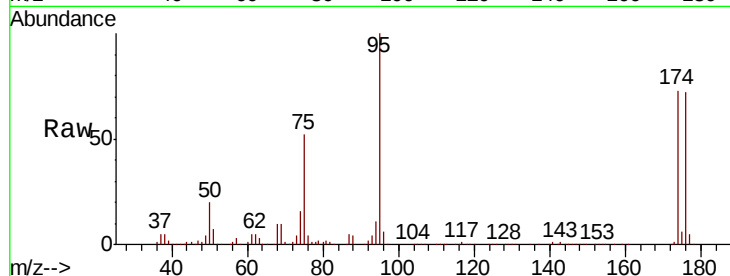




#62
4-Bromofluorobenzene
Concen: 44.968 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

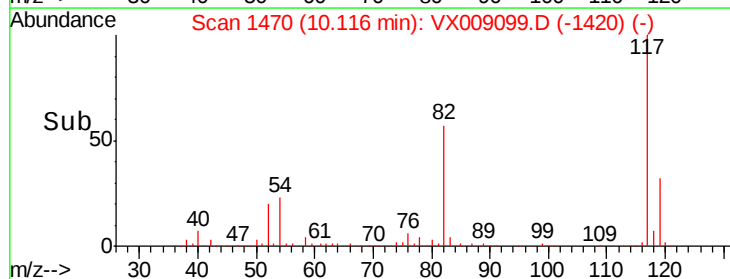
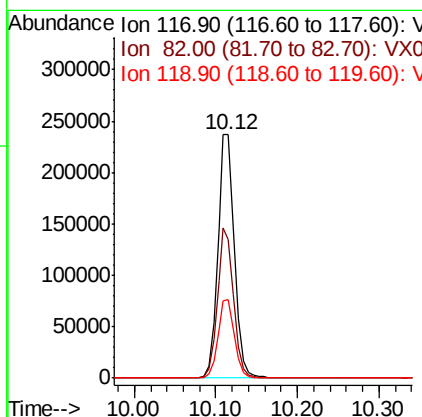
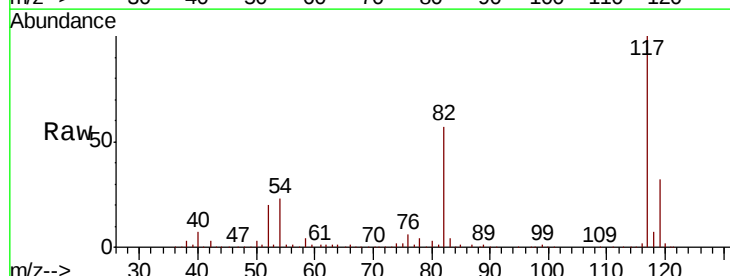
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-220-3

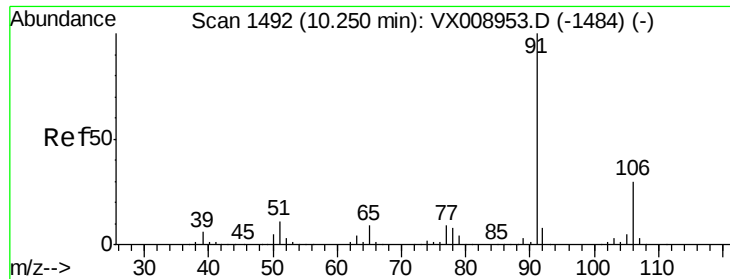
Tot Ion: 95 Resp: 160849
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.6
176 77.2 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Tgt Ion: 117 Resp: 336395
Ion Ratio Lower Upper
117 100
82 57.2 48.2 72.4
119 32.4 25.0 37.6

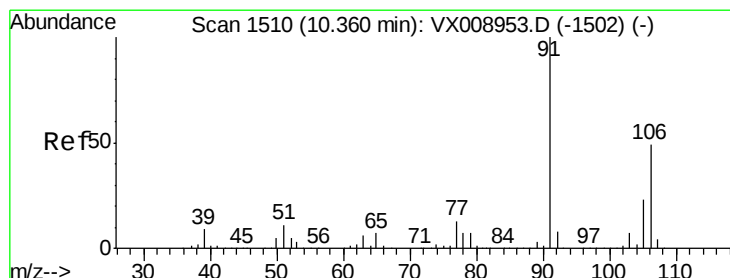
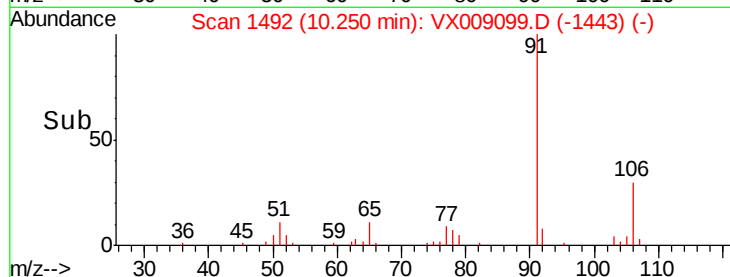
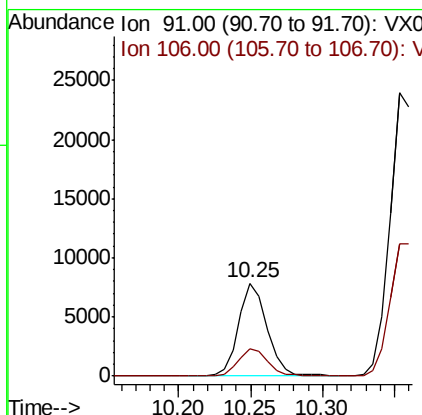
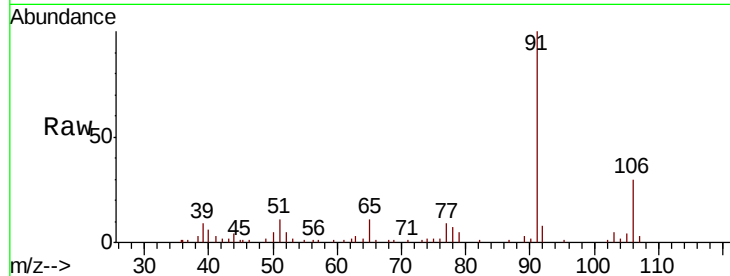




#67
Ethyl Benzene
Concen: 0.841 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

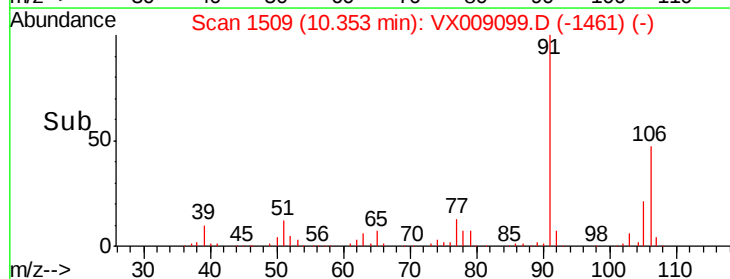
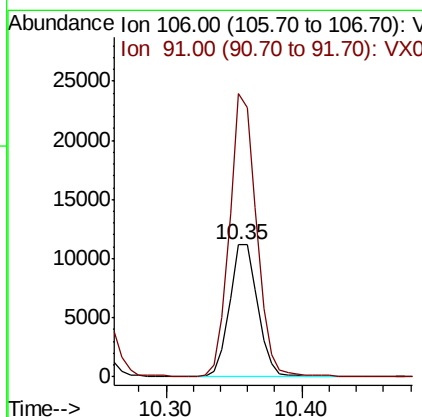
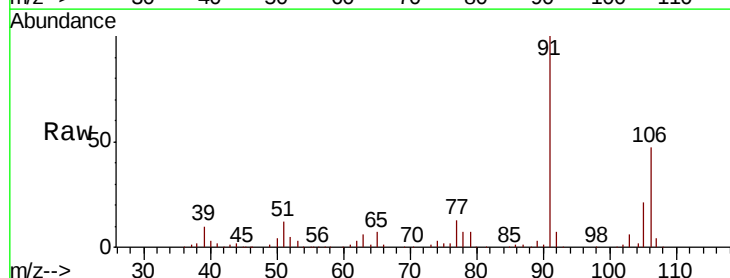
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-220-3

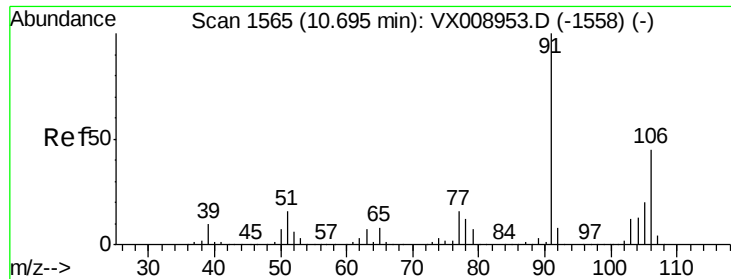
Tot Ion: 91 Resp: 10916
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5



#68
m/p-Xylenes
Concen: 3.413 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Tgt Ion: 106 Resp: 16102
Ion Ratio Lower Upper
106 100
91 206.4 165.4 248.2

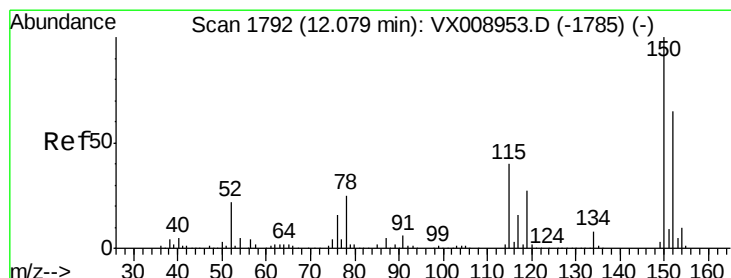
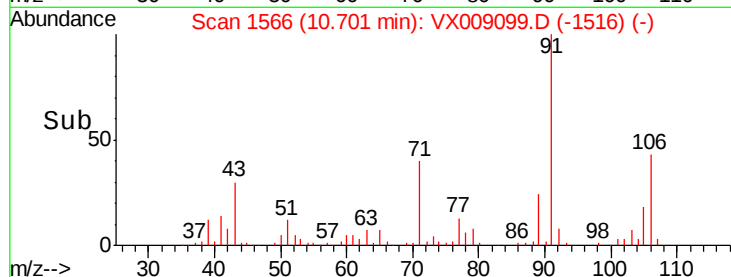
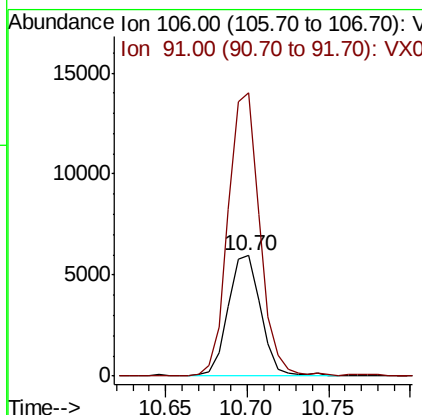
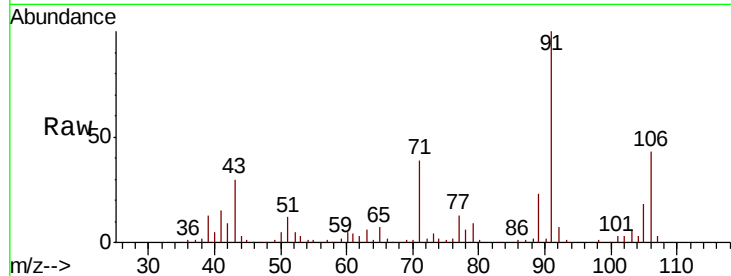




#69
o-Xylene
Concen: 1.826 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

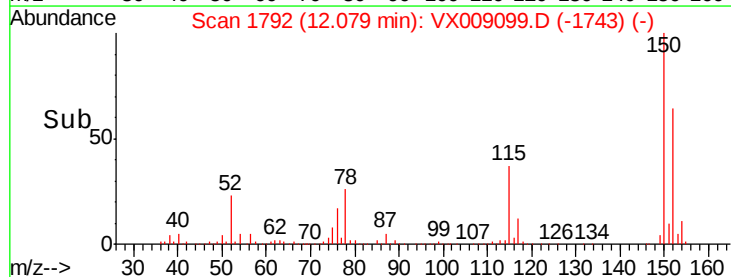
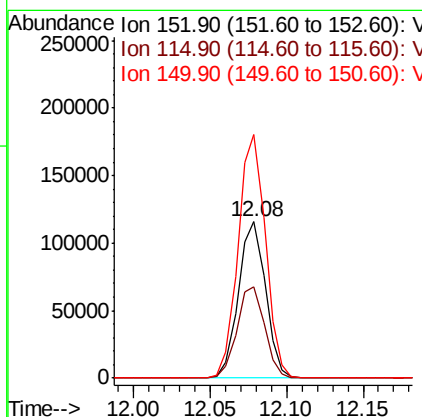
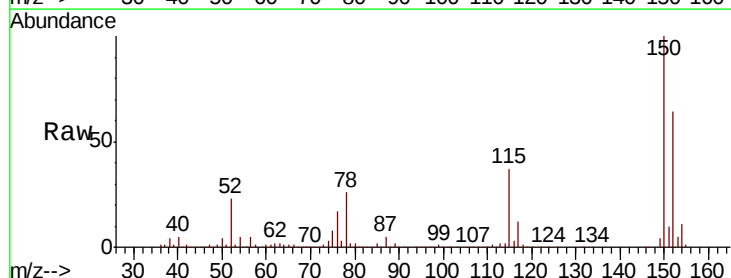
Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-220-3

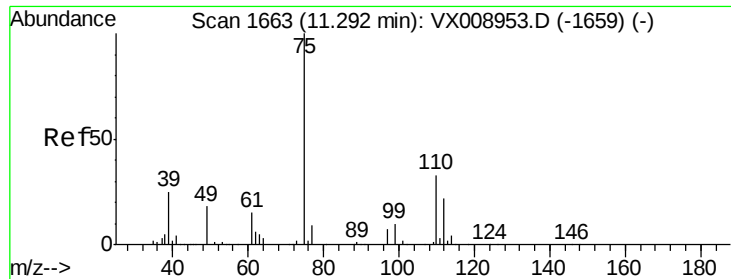
Tot Ion:106 Resp: 8381
Ion Ratio Lower Upper
106 100
91 226.4 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Tgt Ion:152 Resp: 142223
Ion Ratio Lower Upper
152 100
115 59.5 41.4 124.2
150 157.4 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 23.465 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

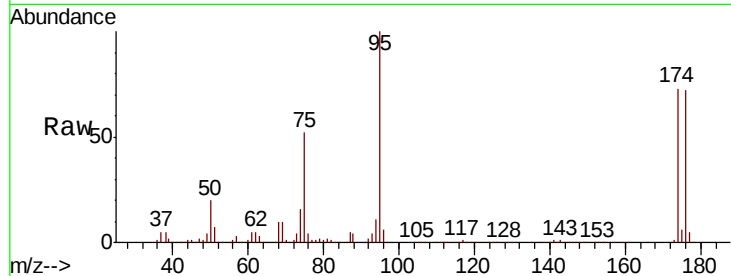
OILY-DEBRIS-220-3

Tot Ion: 75 Resp: 81490

Ion Ratio Lower Upper

75 100

77 1.4 22.7 68.0#



Abundance Ion 74.90 (74.60 to 75.60): VX008953.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX008953.D (-1659) (-)

11.13

60000

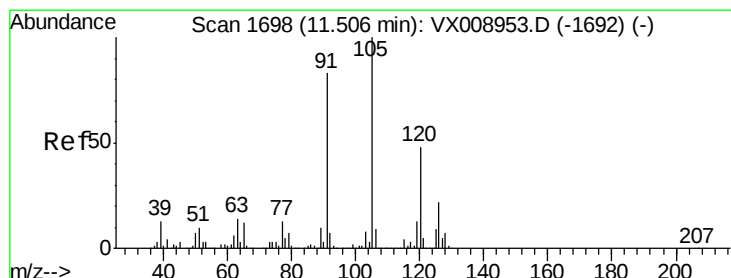
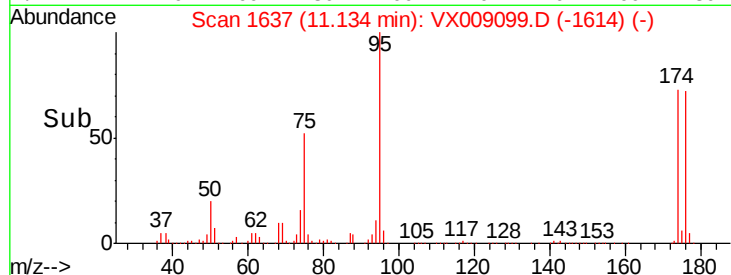
40000

20000

0

Time-->

11.10 11.15 11.20



#80

1,3,5-Trimethylbenzene

Concen: 0.712 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009099.D

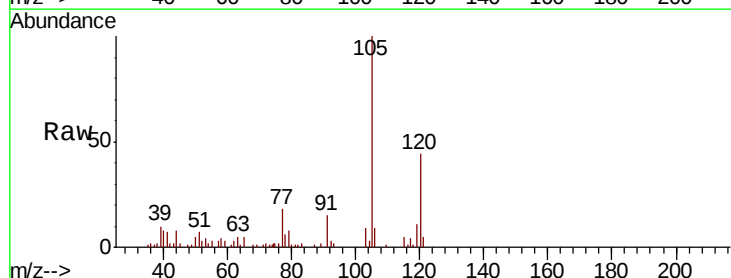
Acq: 22 Apr 2019 15:59

Tgt Ion: 105 Resp: 6445

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)

11.51

6000

5000

4000

3000

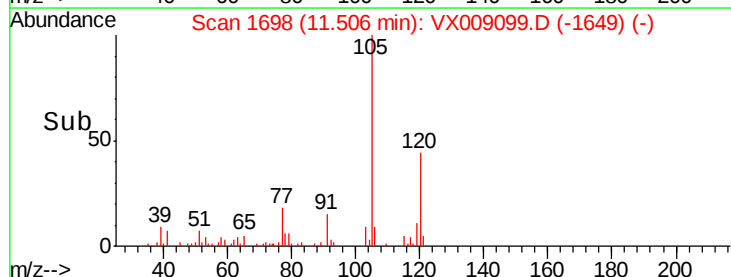
2000

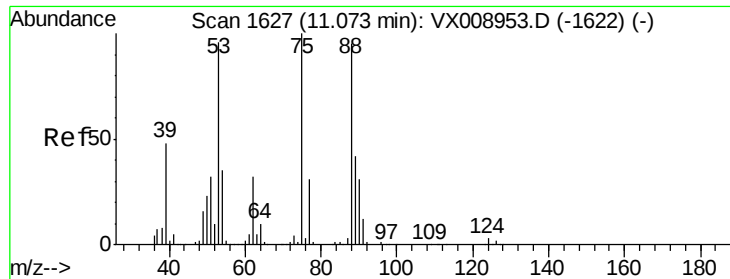
1000

0

Time-->

11.45 11.50 11.55





#81

trans-1,4-Dichloro-2-butene

Concen: 60.242 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

OILY-DEBRIS-220-3

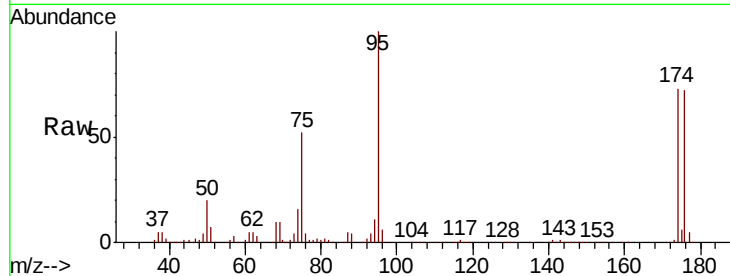
Tot Ion: 75 Resp: 81490

Ion Ratio Lower Upper

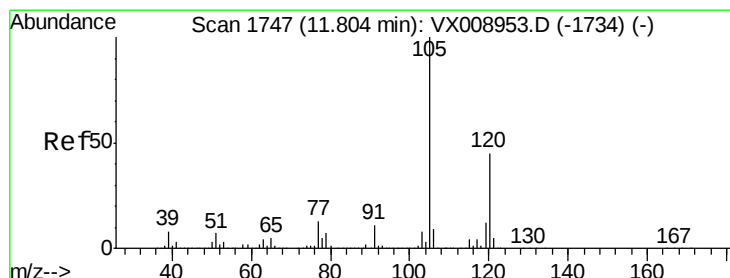
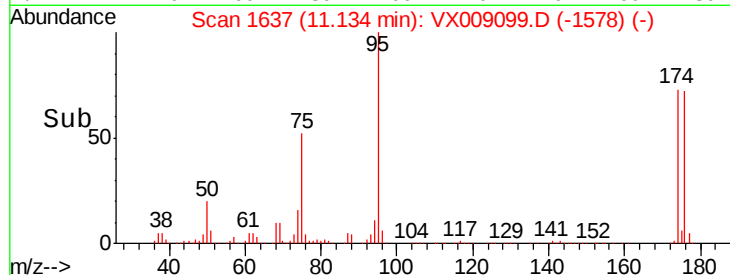
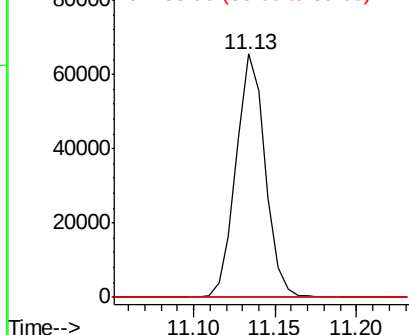
75 100

53 0.1 78.2 117.4#

89 0.0 36.0 54.0#



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: 2.242 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009099.D

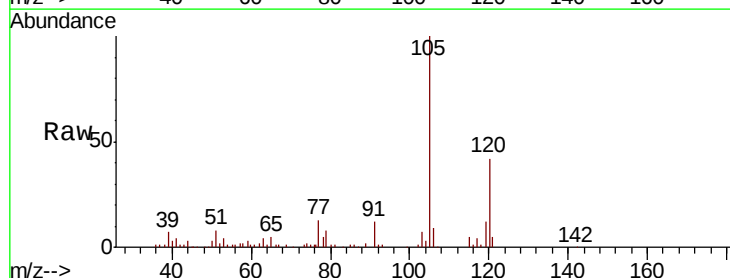
Acq: 22 Apr 2019 15:59

Tgt Ion:105 Resp: 20641

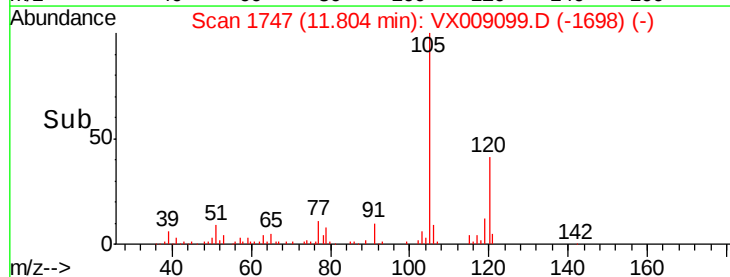
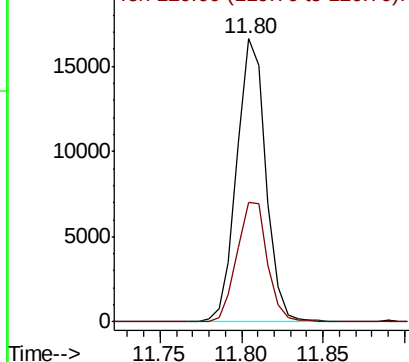
Ion Ratio Lower Upper

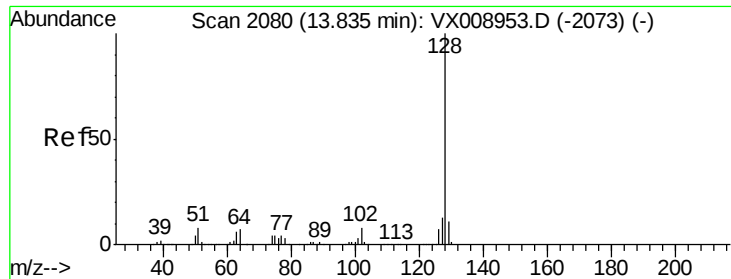
105 100

120 44.6 21.9 65.8



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

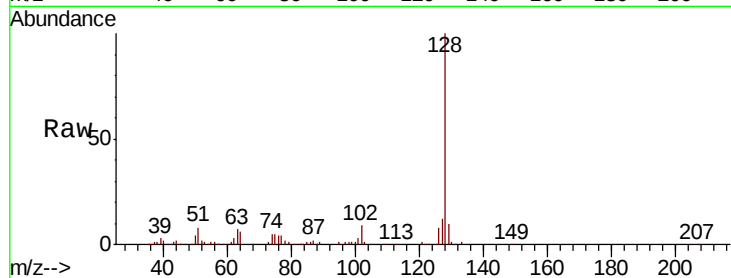




#95
Naphthalene
Concen: 2.212 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
OILY-DEBRIS-220-3

Tot Ion:128 Resp: 24047
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

