

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 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 04:04:19 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	160541	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
35) Dibromofluoromethane	5.50	113	118933	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
50) Toluene-d8	8.71	98	494245	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	160849	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	

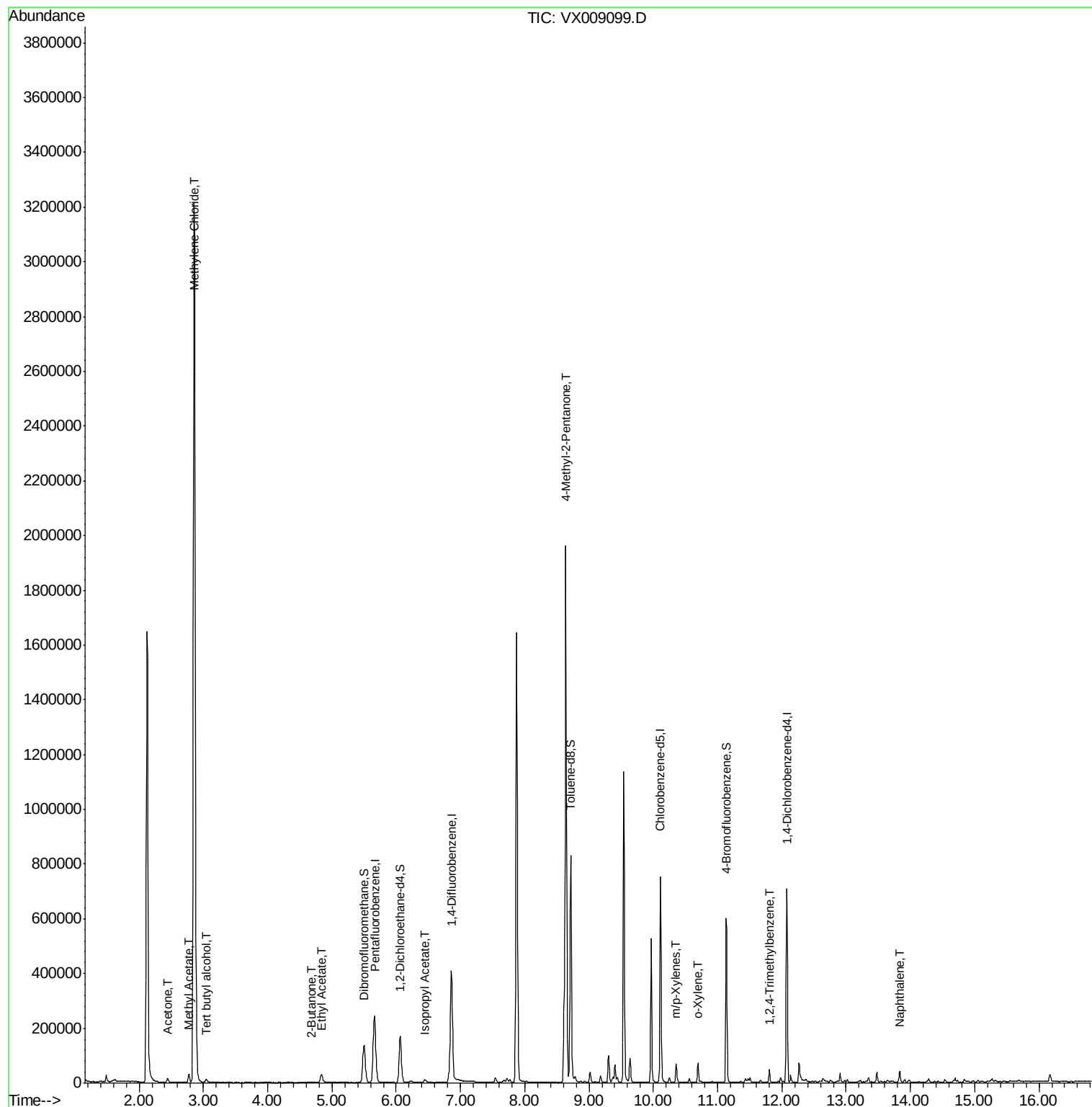
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	13056	17.259	ug/l	96
16) Acetone	2.45	43	15826	8.955	ug/l	96
18) Methyl Acetate	2.78	43	39360	8.923	ug/l	97
20) Methylene Chloride	2.85	84	1516145	501.644	ug/l	99
25) 2-Butanone	4.69	43	4614	1.633	ug/l	97
37) Ethyl Acetate	4.84	43	55274	10.491	ug/l	98
43) Isopropyl Acetate	6.45	43	14971	1.763	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1304054	241.084	ug/l	96
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
84) 1,2,4-Trimethylbenzene	11.80	105	20641	2.242	ug/l	99
95) Naphthalene	13.83	128	24047	2.212	ug/l	99

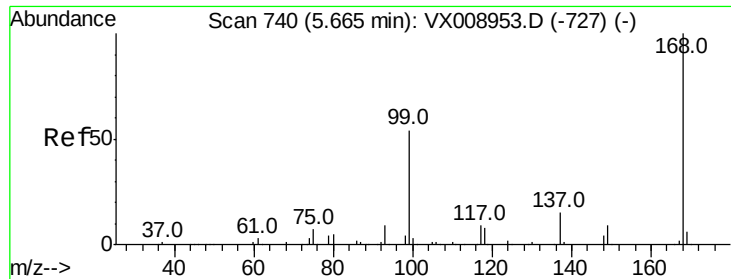
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#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 :

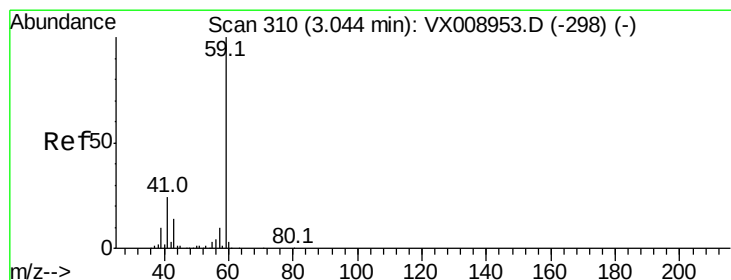
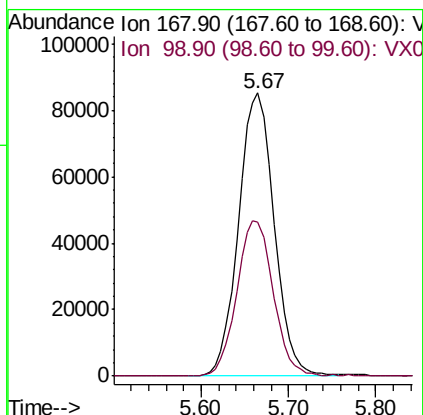
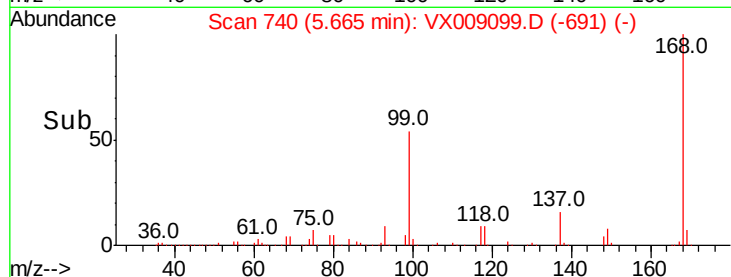
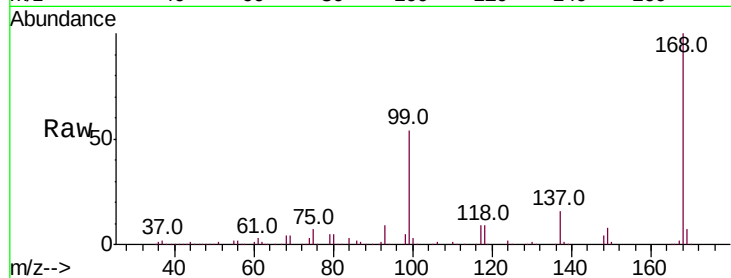
OILY-DEBRIS-220-3

Tot Ion:168 Resp: 241828

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.6



#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

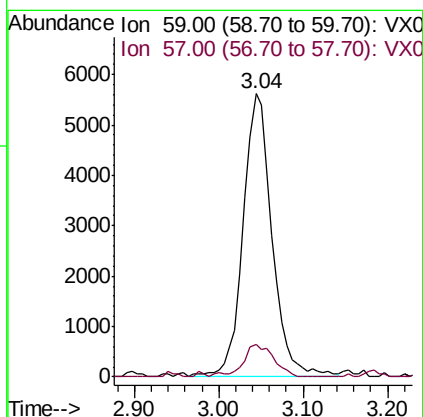
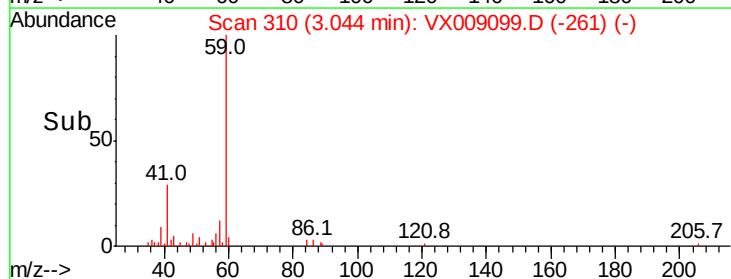
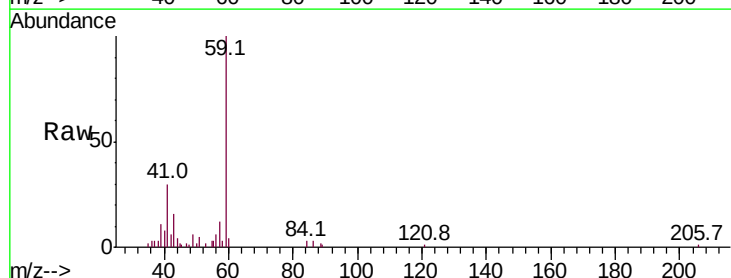
Acq: 22 Apr 2019 15:59

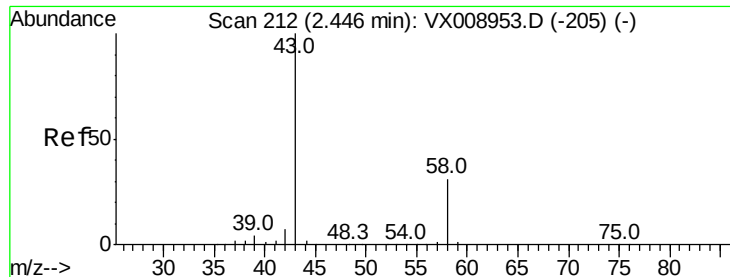
Tgt Ion: 59 Resp: 13056

Ion Ratio Lower Upper

59 100

57 12.0 8.4 12.6





#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 :

MSVOA_X

ClientSampleId :

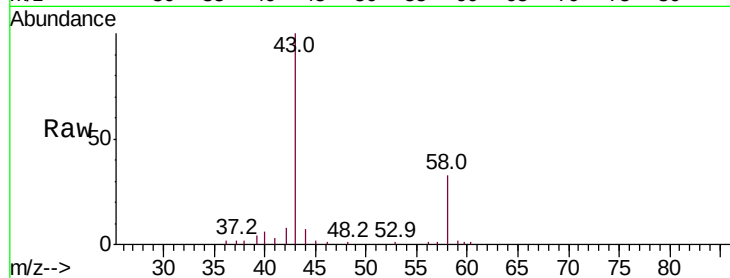
OILY-DEBRIS-220-3

Tot Ion: 43 Resp: 15826

Ion Ratio Lower Upper

43 100

58 33.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

6000

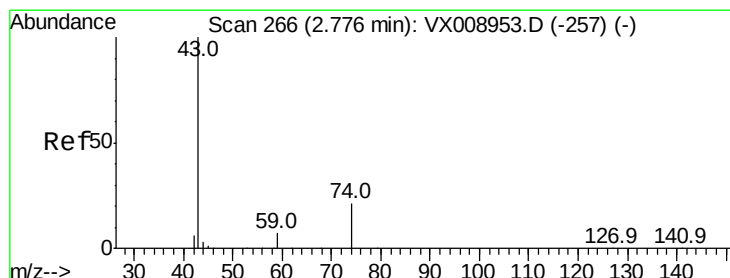
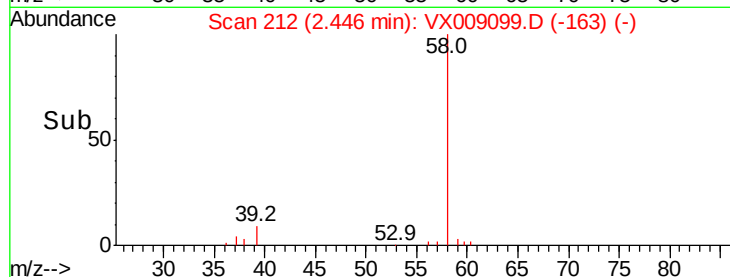
4000

2000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#18

Methyl Acetate

Concen: 8.923 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009099.D

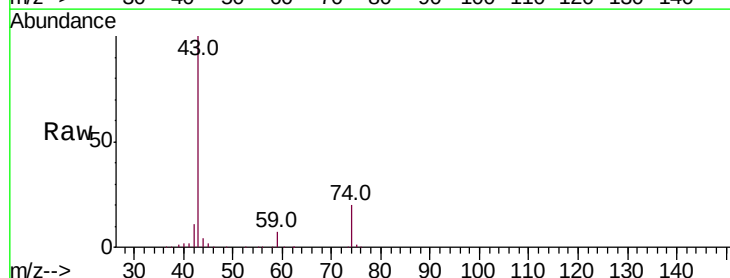
Acq: 22 Apr 2019 15:59

Tgt Ion: 43 Resp: 39360

Ion Ratio Lower Upper

43 100

74 19.3 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

25000

20000

15000

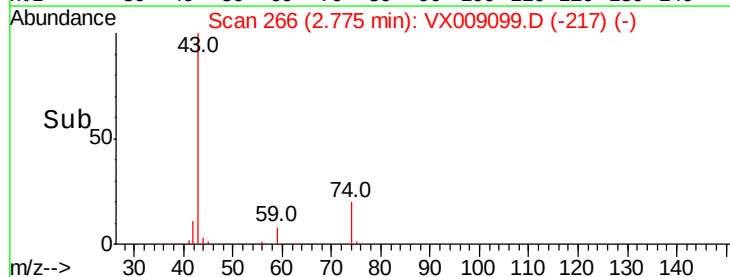
10000

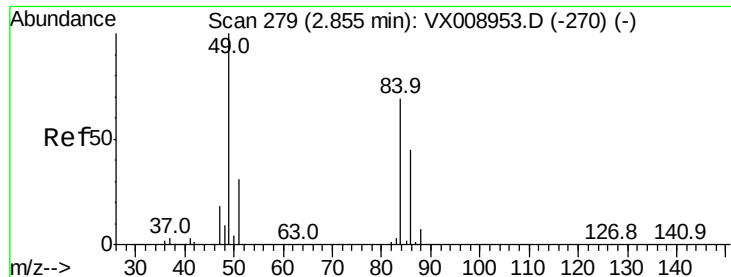
5000

0

Time-->

2.70 2.75 2.80 2.85



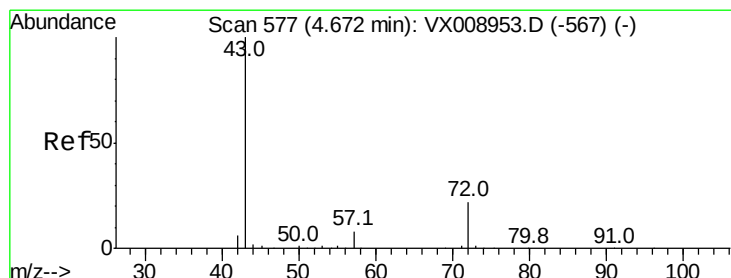
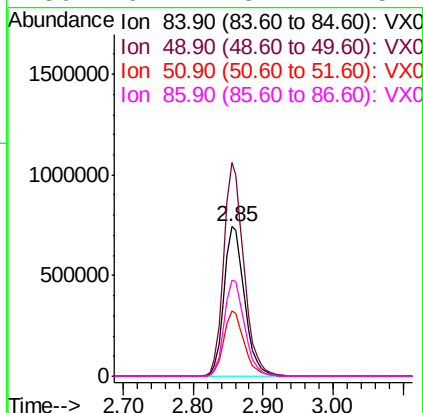
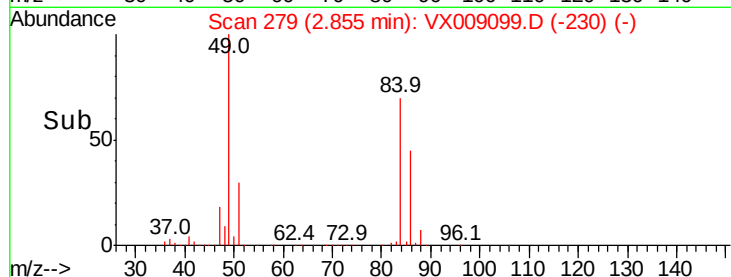
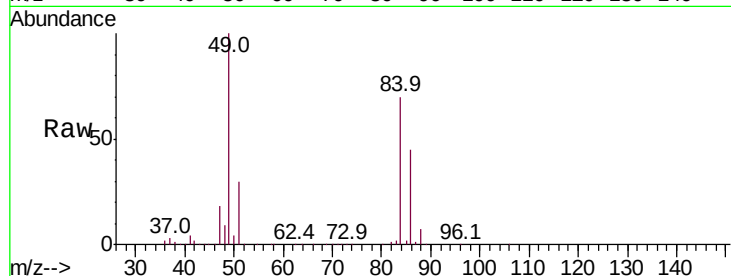


#20
Methvlene Chloride
Concen: 501.644 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

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

Tot Ion: 84 Resp: 1516145

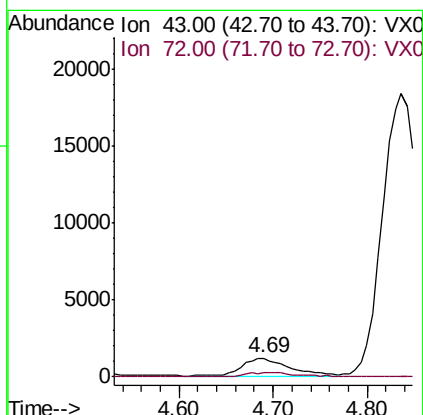
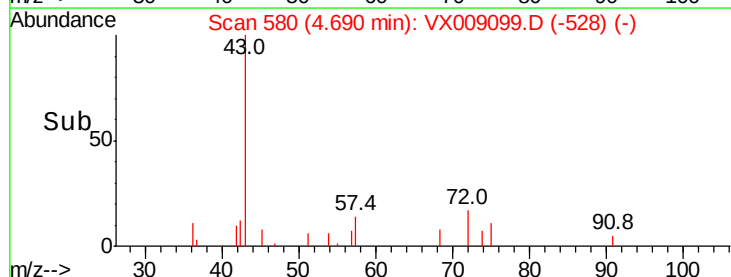
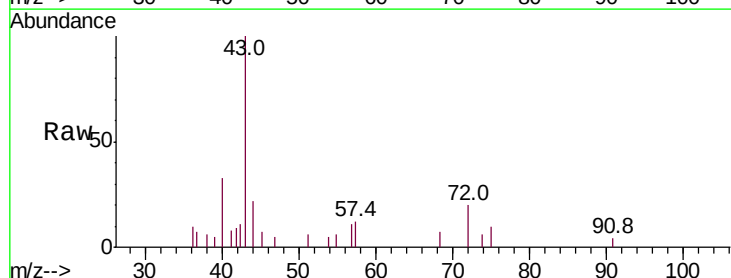
Ion	Ratio	Lower	Upper
84	100		
49	142.7	115.4	173.0
51	43.5	35.8	53.6
86	64.2	52.1	78.1

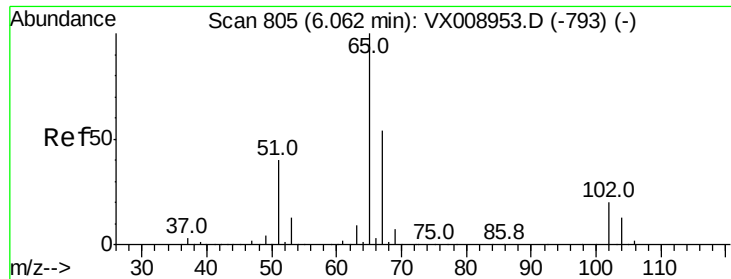


#25
2-Butanone
Concen: 1.633 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

Tgt Ion: 43 Resp: 4614

Ion	Ratio	Lower	Upper
43	100		
72	20.3	17.5	26.3

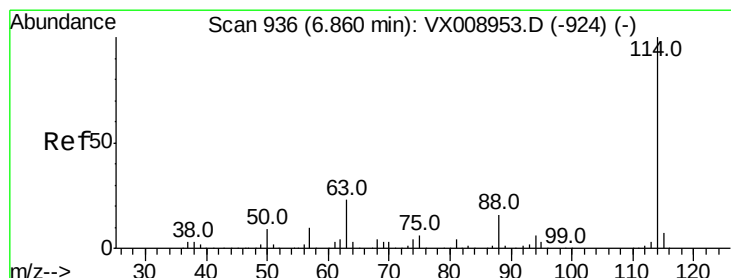
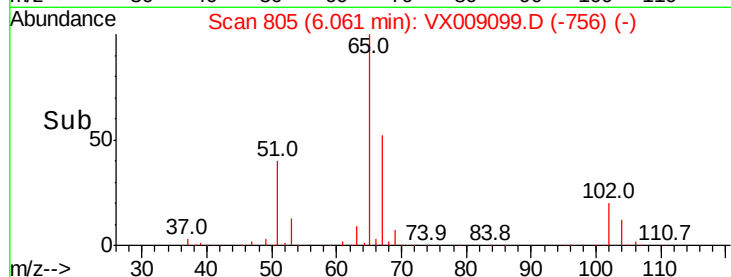
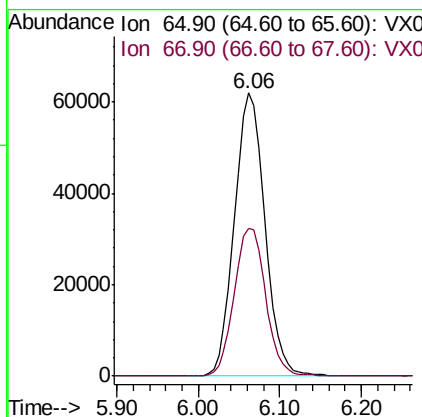
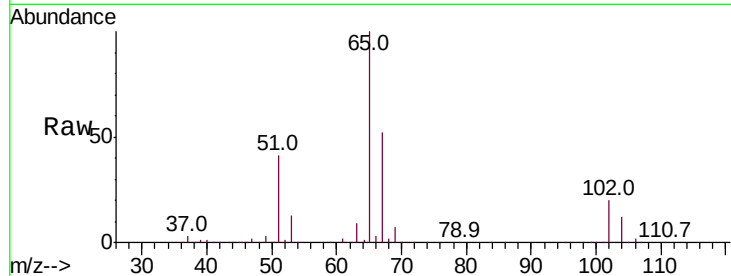




#33
 1,2-Dichloroethane-d4
 Concen: 47.107 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009099.D
 Acq: 22 Apr 2019 15:59

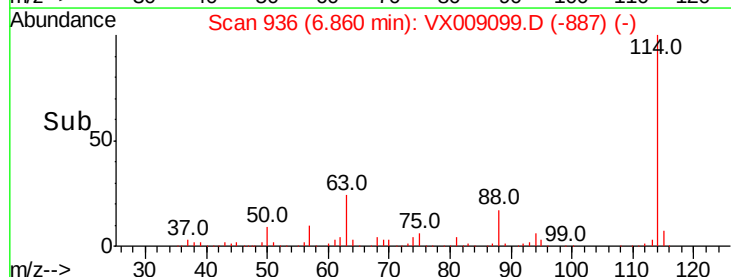
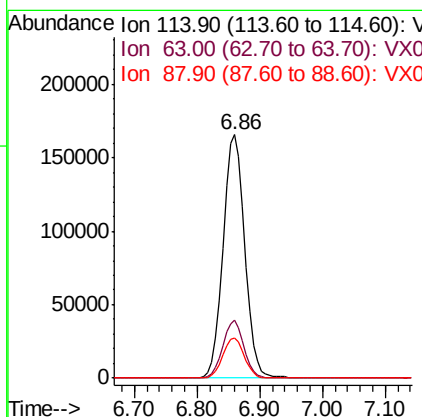
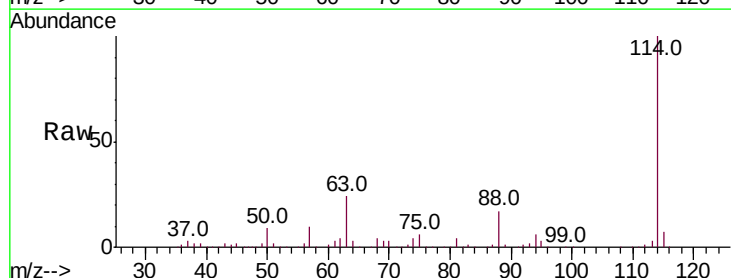
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-DEBRIS-220-3

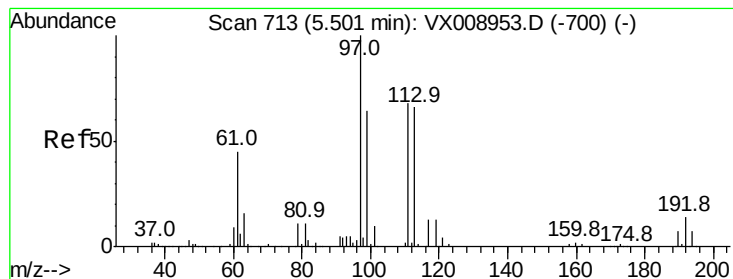
Tot Ion: 65 Resp: 160541
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#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





#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

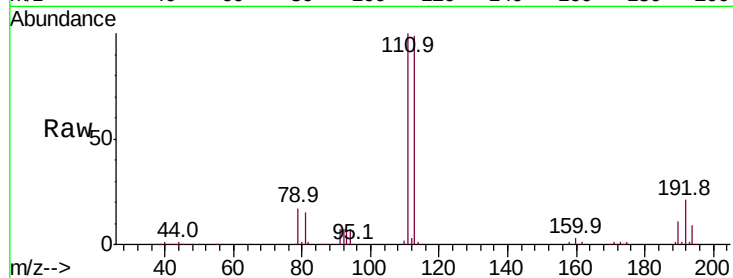
Tot Ion:113 Resp: 118933

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

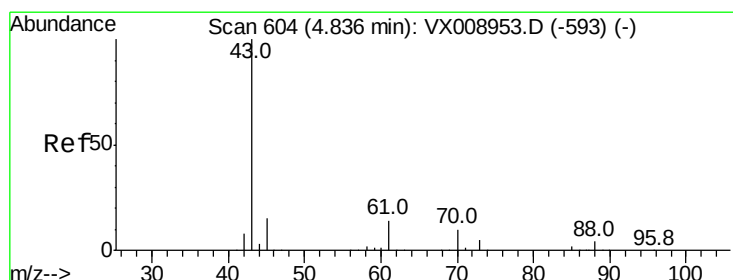
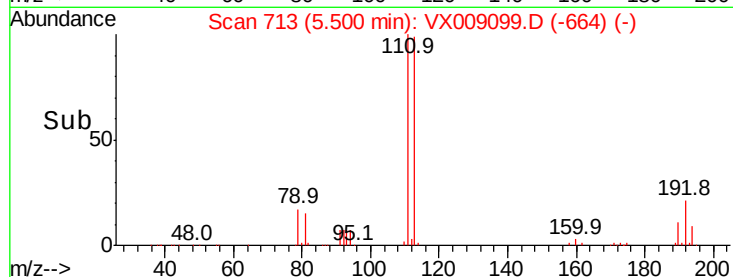
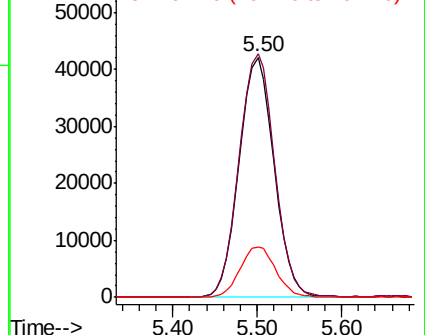
192 21.4 17.4 26.0



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



#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

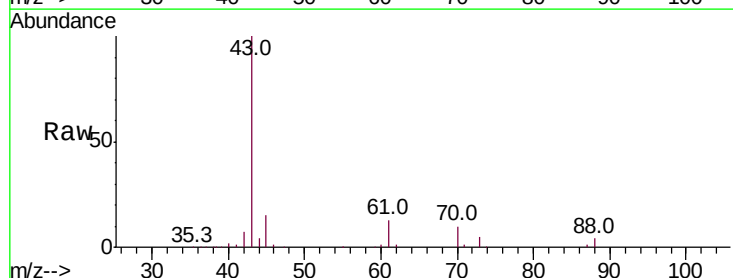
Tgt Ion: 43 Resp: 55274

Ion Ratio Lower Upper

43 100

61 14.0 10.6 15.8

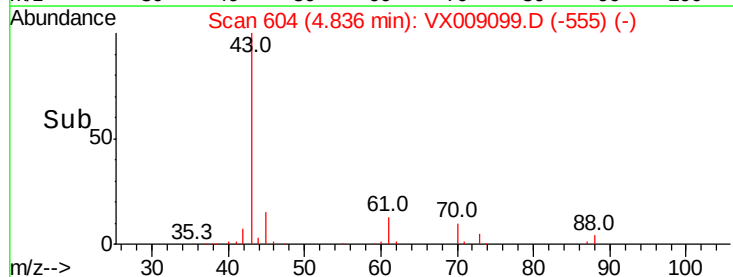
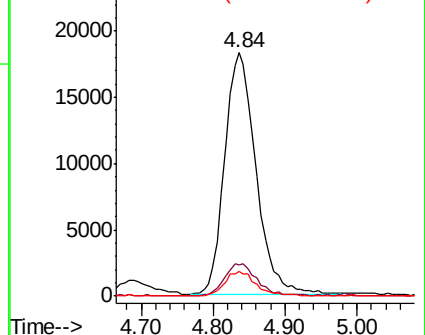
70 10.3 7.7 11.5

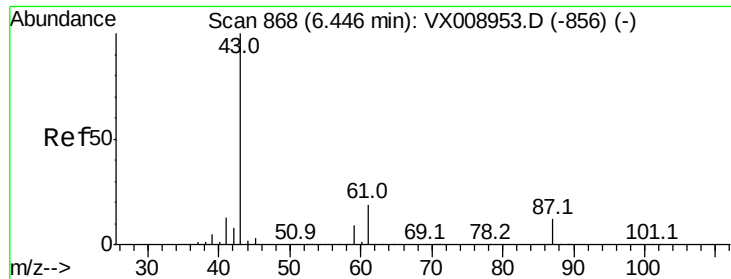


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#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

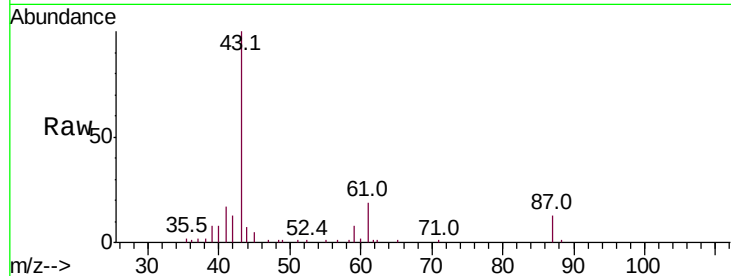
Tot Ion: 43 Resp: 14971

Ion Ratio Lower Upper

43 100

61 20.5 15.4 23.0

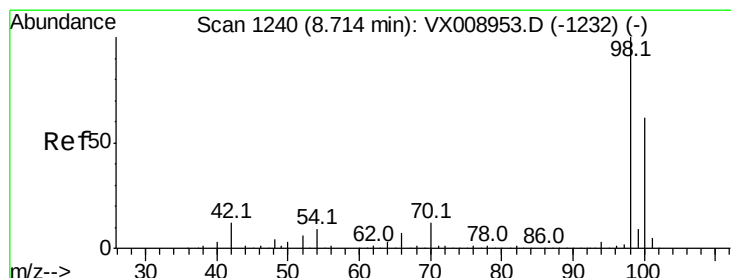
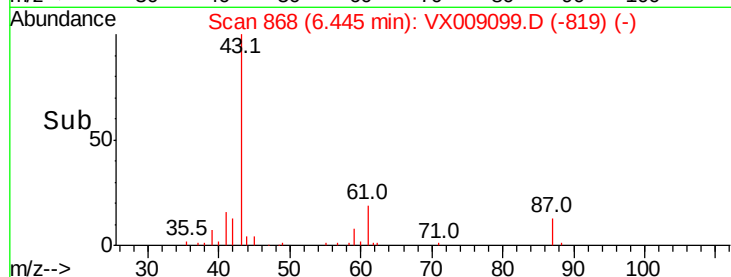
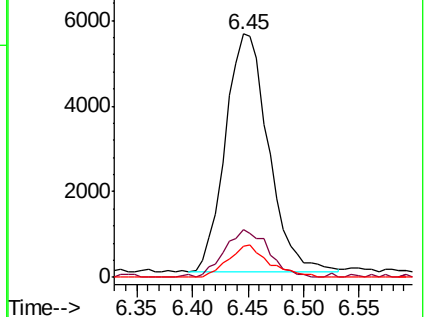
87 12.7 9.0 13.4



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



#50

Toluene-d8

Concen: 48.776 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009099.D

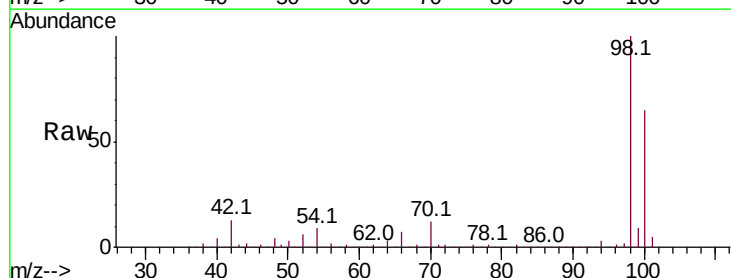
Acq: 22 Apr 2019 15:59

Tgt Ion: 98 Resp: 494245

Ion Ratio Lower Upper

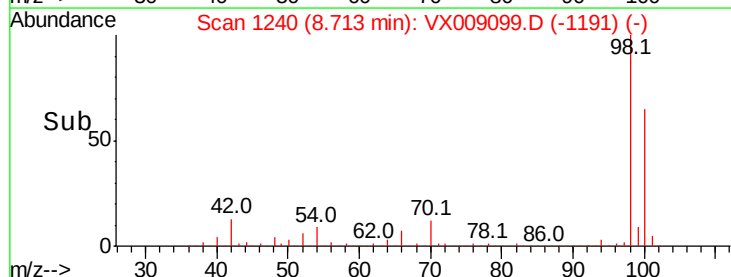
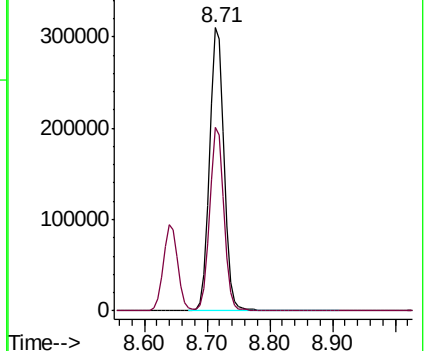
98 100

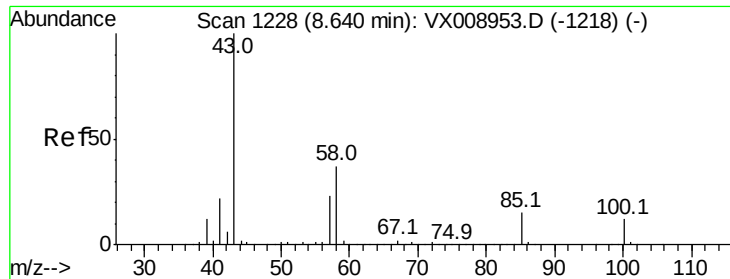
100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#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 :

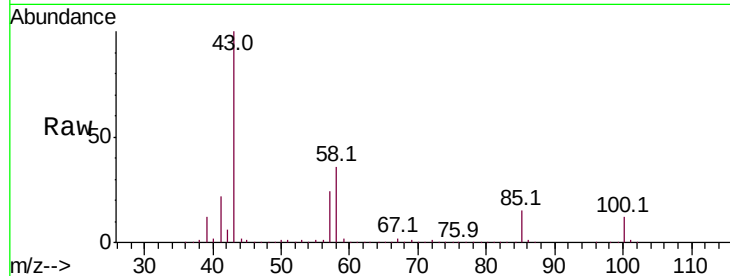
OILY-DEBRIS-220-3

Tot Ion: 43 Resp: 1304054

Ion Ratio Lower Upper

43 100

58 34.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

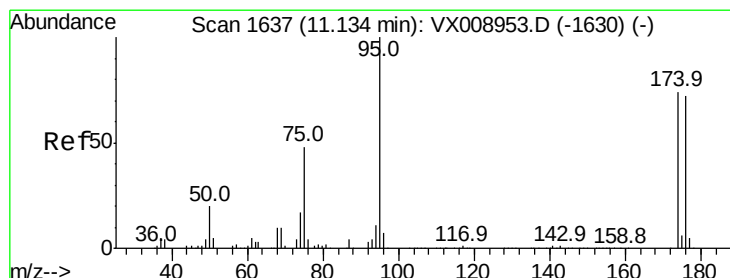
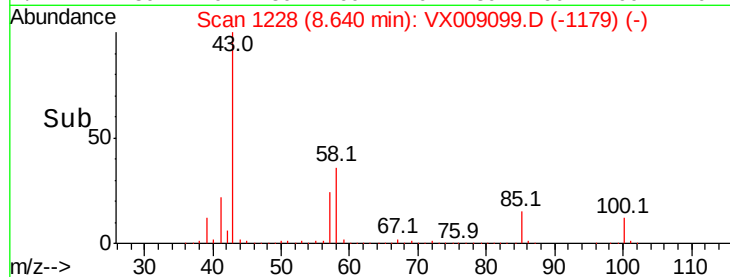
600000

400000

200000

0

Time-->



#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

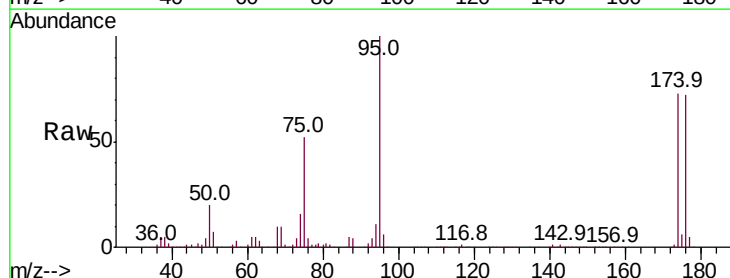
Tgt Ion: 95 Resp: 160849

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.6

176 77.2 0.0 154.8



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

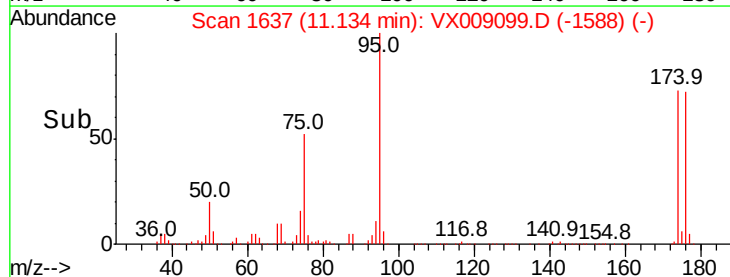
150000

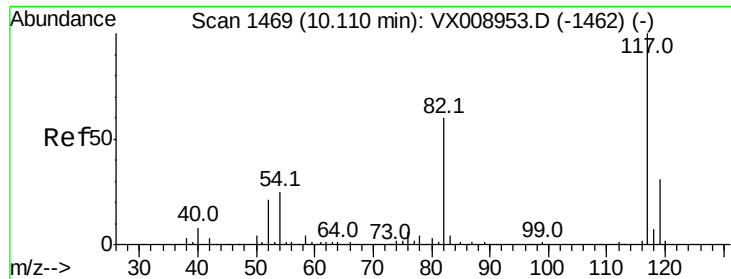
100000

50000

0

Time-->

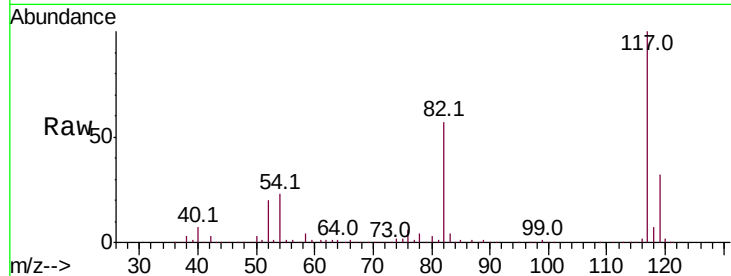




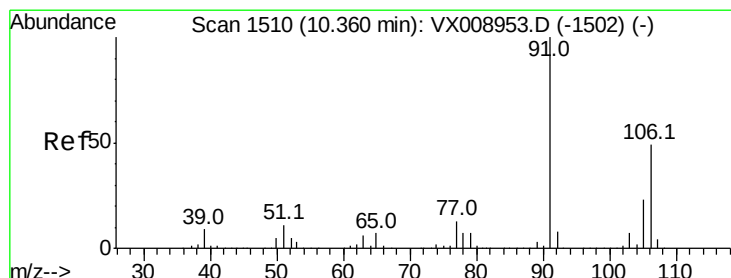
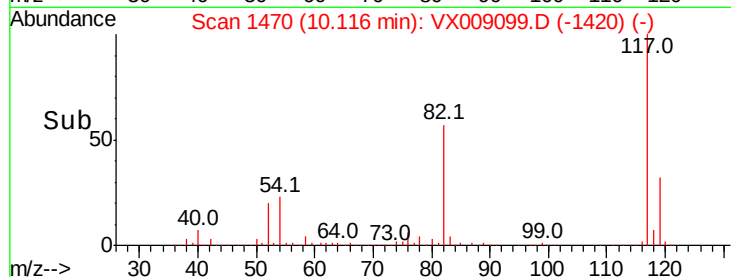
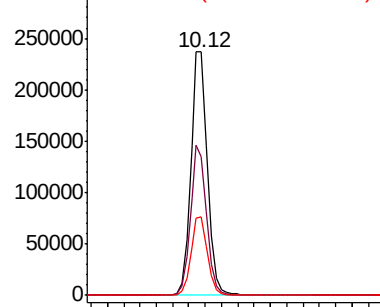
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

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

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

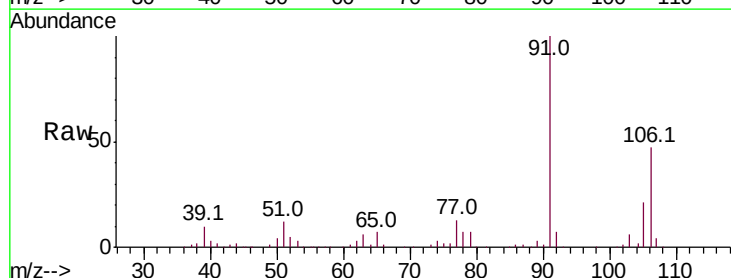


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

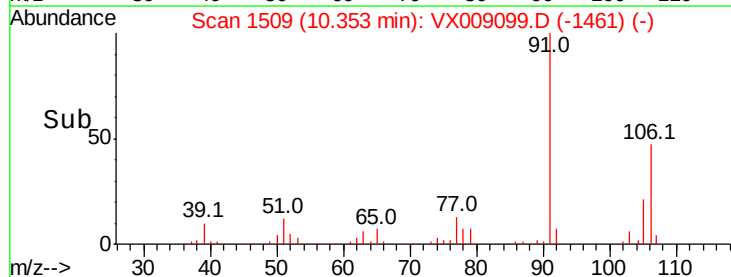
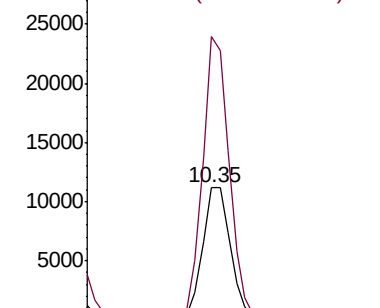


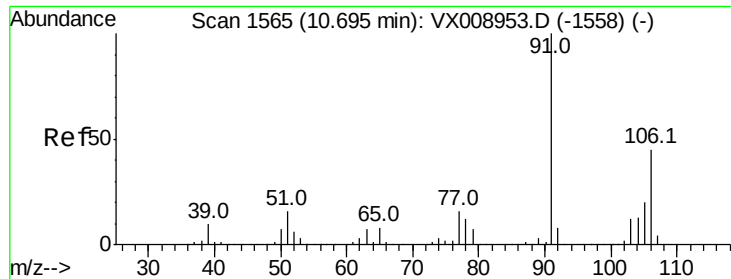
#68
m/p-Xylenes
Concen: 3.413 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009099.D
Acq: 22 Apr 2019 15:59

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



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





#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:

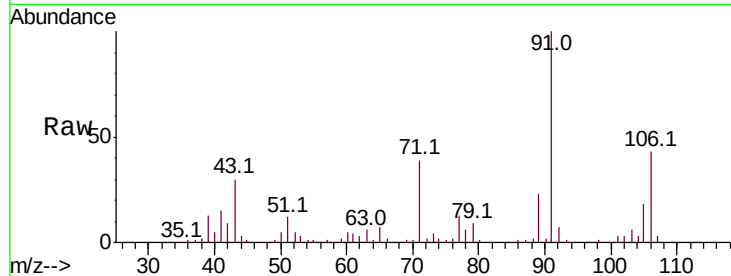
OILY-DEBRIS-220-3

Tot Ion:106 Resp: 8381

Ion Ratio Lower Upper

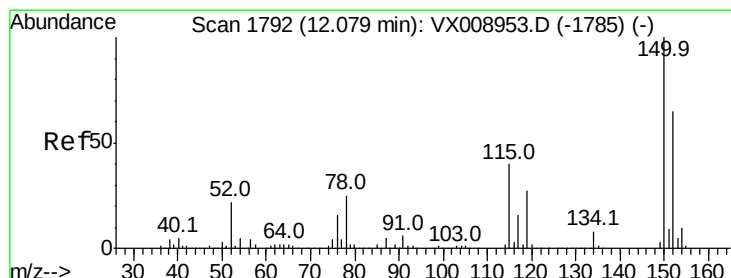
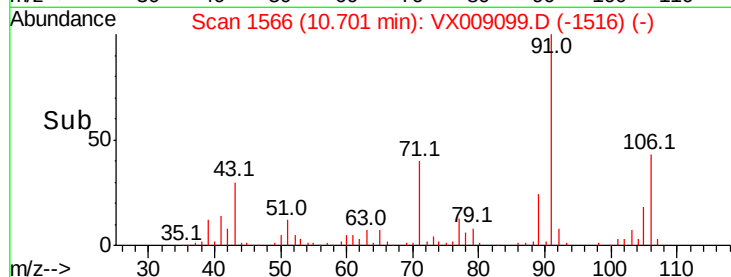
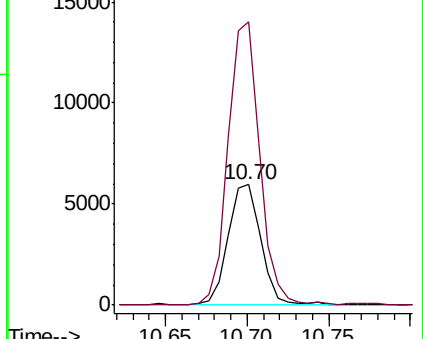
106 100

91 226.4 108.9 326.7



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009099.D

Acq: 22 Apr 2019 15:59

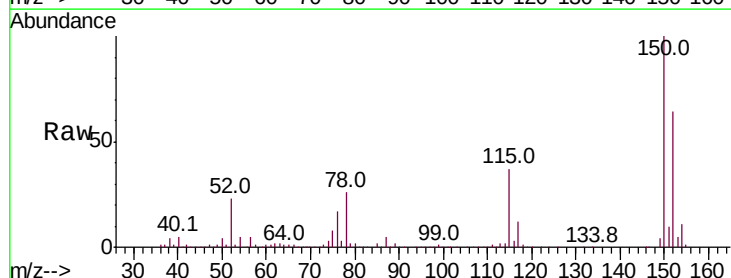
Tgt Ion:152 Resp: 142223

Ion Ratio Lower Upper

152 100

115 59.5 41.4 124.2

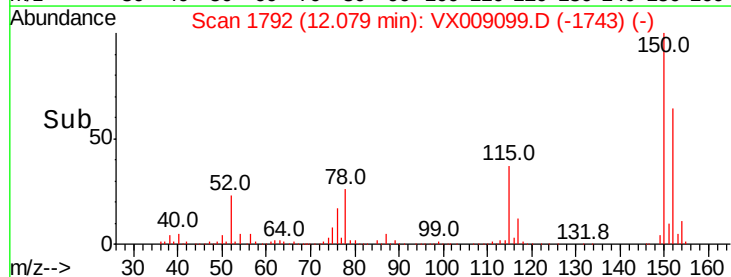
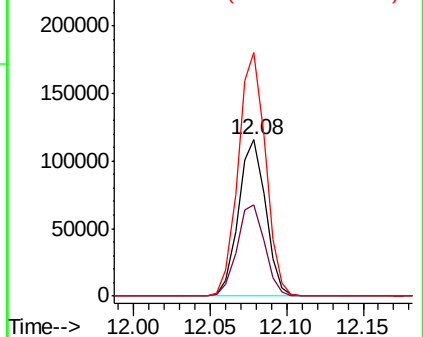
150 157.4 0.0 349.8

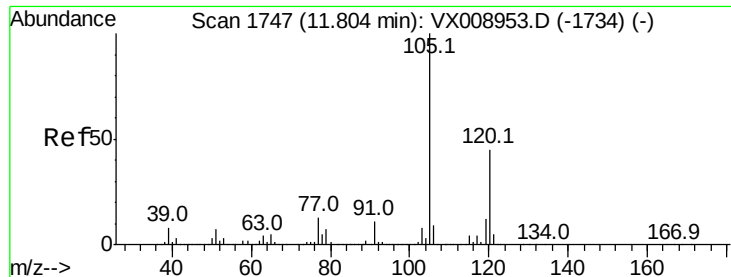


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

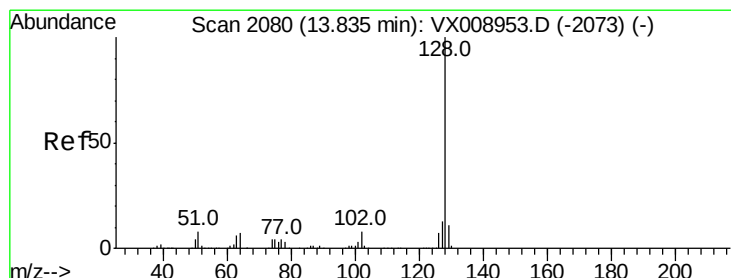
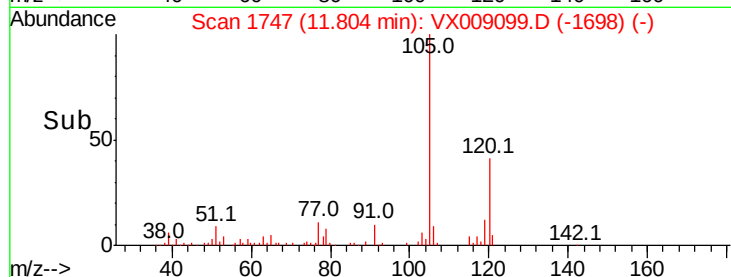
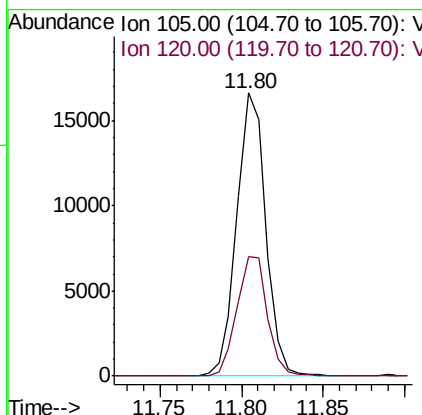
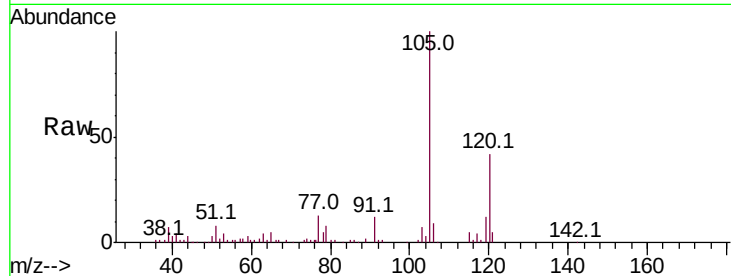




#84
 1,2,4-Trimethylbenzene
 Concen: 2.242 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009099.D
 Acq: 22 Apr 2019 15:59

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

Tot Ion:105 Resp: 20641
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.9 65.8



#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

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

