

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001429.D
 Acq On : 05 May 2018 20:08
 Operator : JC/MD
 Sample : J2722-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-STONES

Quant Time: May 06 08:18:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170155	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	165044	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
35) Dibromofluoromethane	5.51	113	127787	42.21	ug/l	0.00
Spiked Amount			Recovery	=	84.42%	
50) Toluene-d8	8.72	98	467378	42.30	ug/l	0.00
Spiked Amount			Recovery	=	84.60%	
62) 4-Bromofluorobenzene	11.14	95	158862	37.45	ug/l	0.00
Spiked Amount			Recovery	=	74.90%	

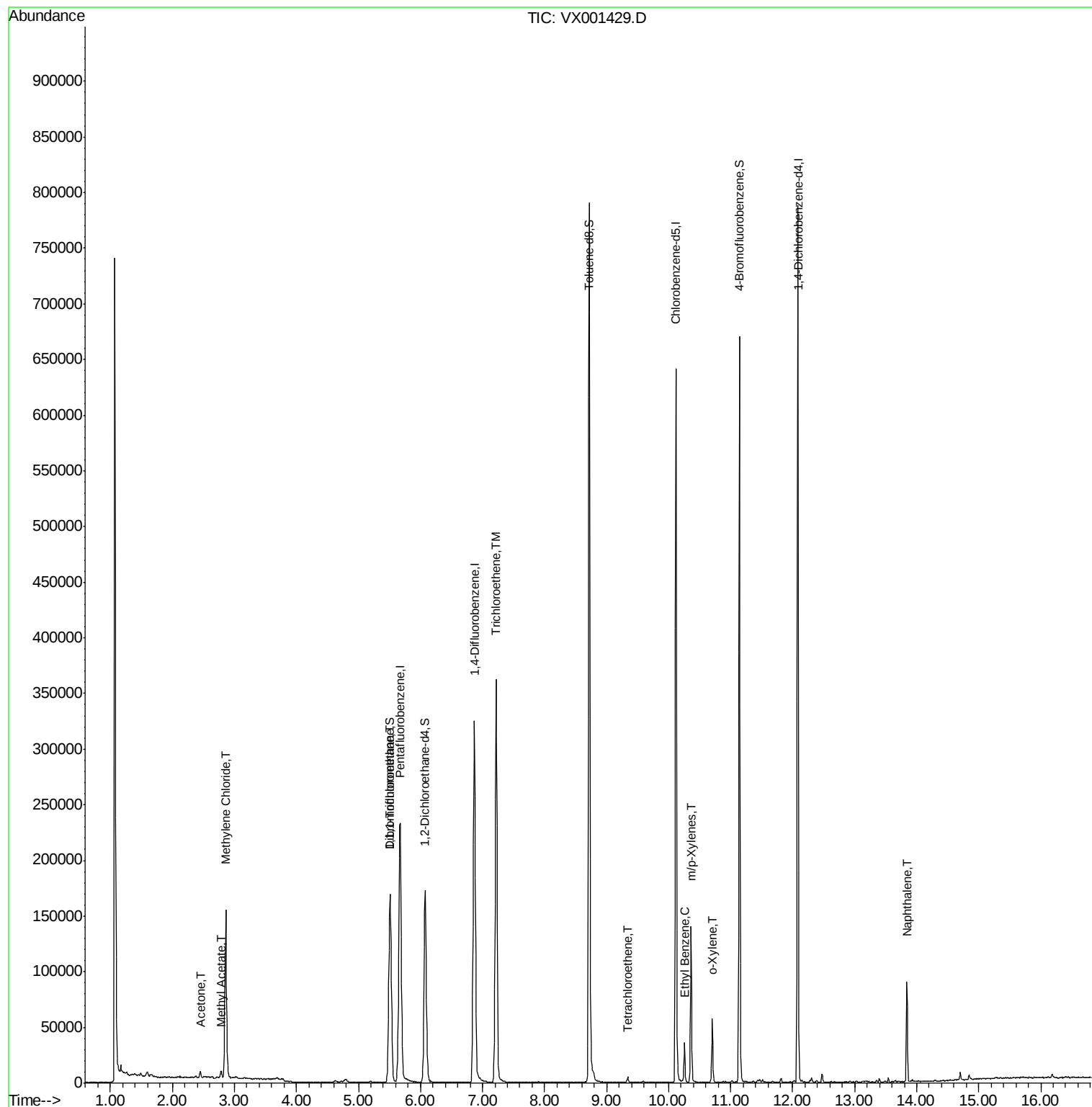
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	5691	3.467	ug/l	98
18) Methyl Acetate	2.78	43	6701	1.554	ug/l	97
20) Methylene Chloride	2.86	84	70812	21.785	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	12185	2.499	ug/l	98
44) Trichloroethene	7.22	130	142770	36.941	ug/l	100
64) Tetrachloroethene	9.34	164	1116	0.263	ug/l #	78
67) Ethyl Benzene	10.26	91	18436	1.259	ug/l	98
68) m/p-Xylenes	10.37	106	33892	5.859	ug/l	99
69) o-Xylene	10.71	106	12893	2.293	ug/l	97
95) Naphthalene	13.84	128	57237	4.541	ug/l	99

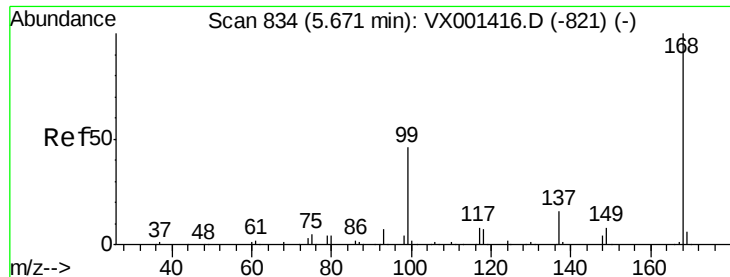
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001429.D

Acq: 05 May 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

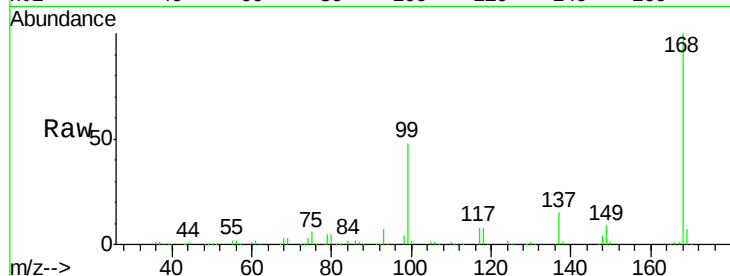
OILY-STONES

Tot Ion:168 Resp: 251541

Ion Ratio Lower Upper

168 100

99 47.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

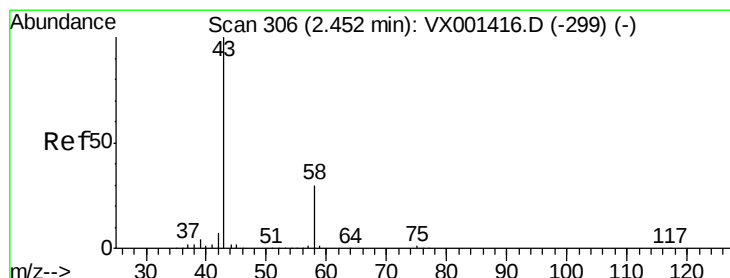
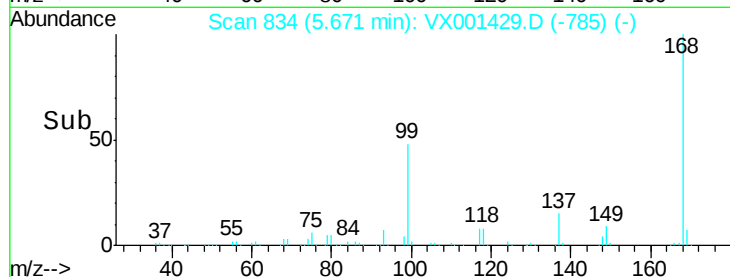
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 3.467 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001429.D

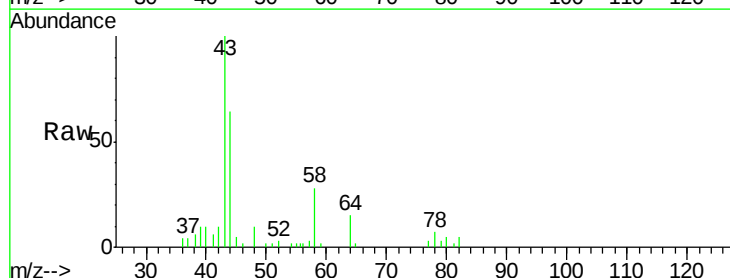
Acq: 05 May 2018 20:08

Tgt Ion: 43 Resp: 5691

Ion Ratio Lower Upper

43 100

58 28.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

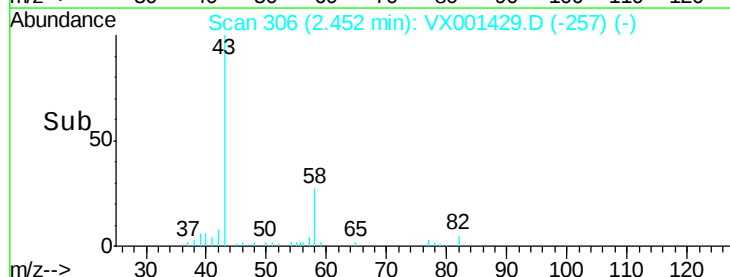
2000

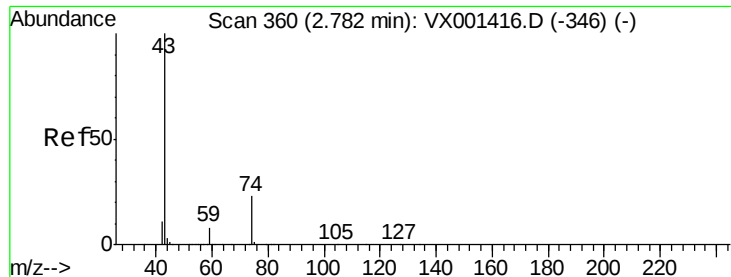
1000

0

Time-->

2.35 2.40 2.45 2.50 2.55

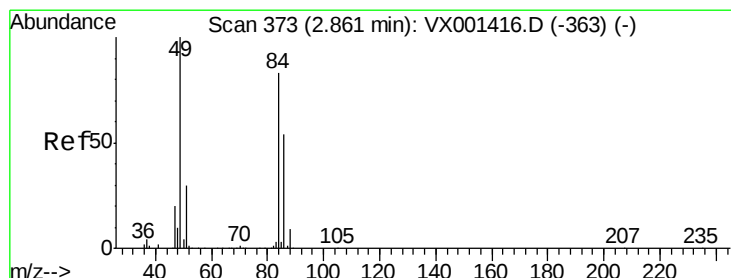
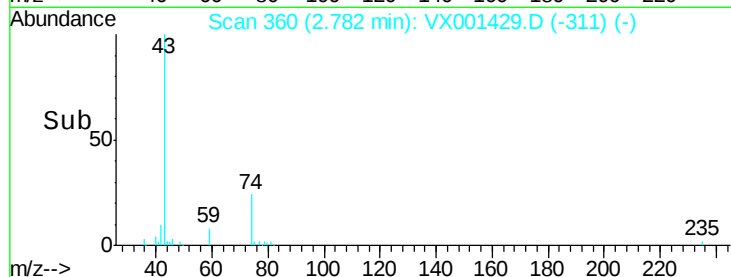
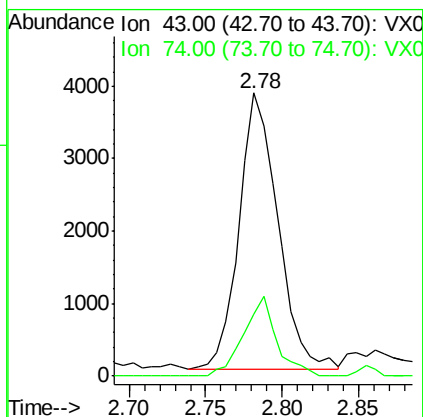
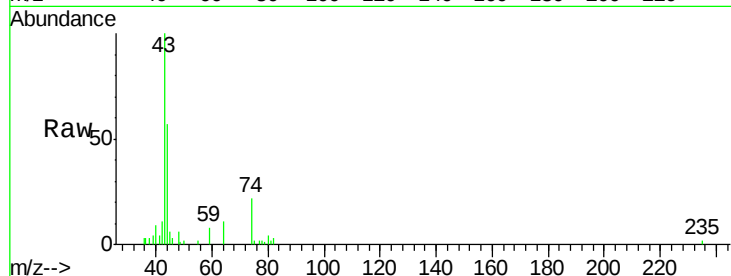




#18
Methyl Acetate
Concen: 1.554 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001429.D
Acq: 05 May 2018 20:08

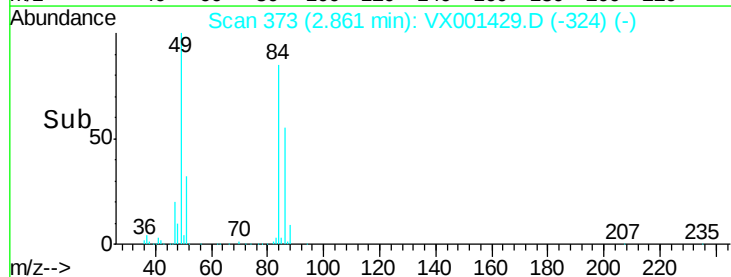
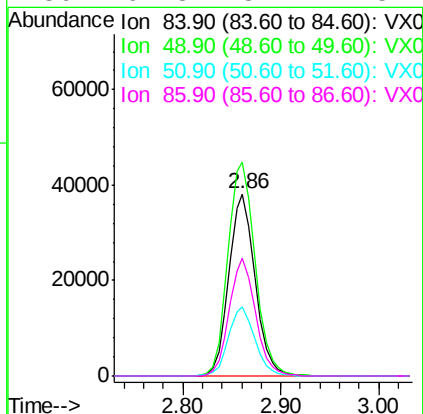
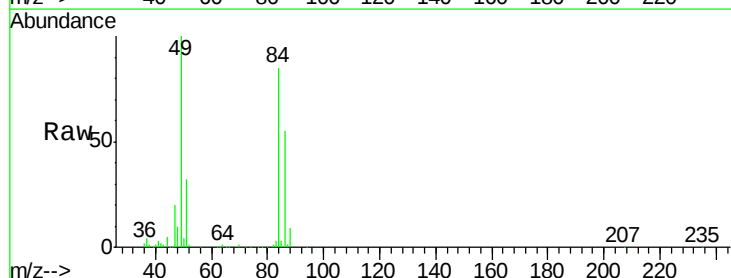
Instrument :
MSVOA_X
ClientSampleId :
OILY-STONES

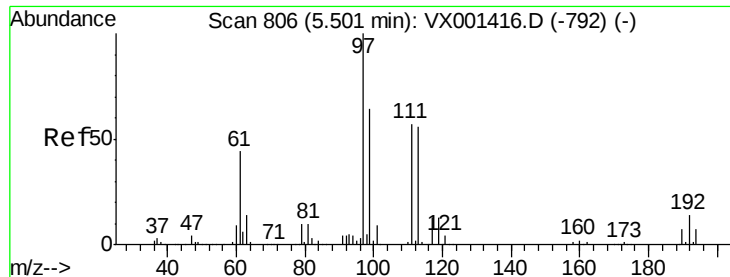
Tot Ion: 43 Resp: 6701
Ion Ratio Lower Upper
43 100
74 24.7 18.6 27.8



#20
Methylene Chloride
Concen: 21.785 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001429.D
Acq: 05 May 2018 20:08

Tgt Ion: 84 Resp: 70812
Ion Ratio Lower Upper
84 100
49 117.4 96.6 144.8
51 37.9 29.0 43.4
86 64.8 52.2 78.4





#32

1,1,1-Trichloroethane

Concen: 2.499 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001429.D

Acq: 05 May 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

OILY-STONES

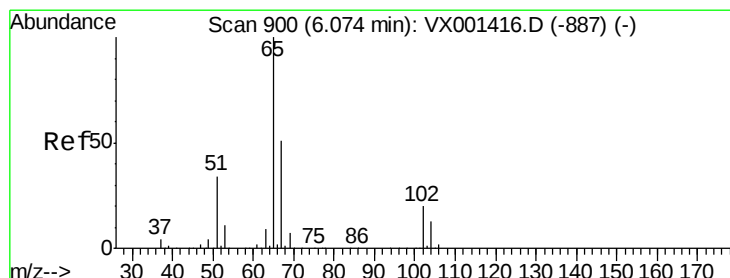
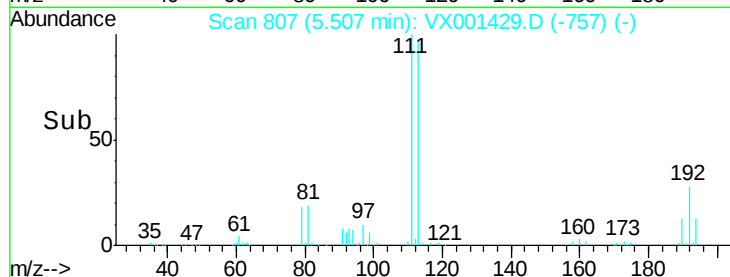
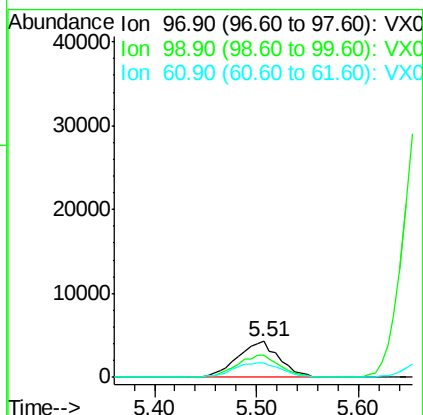
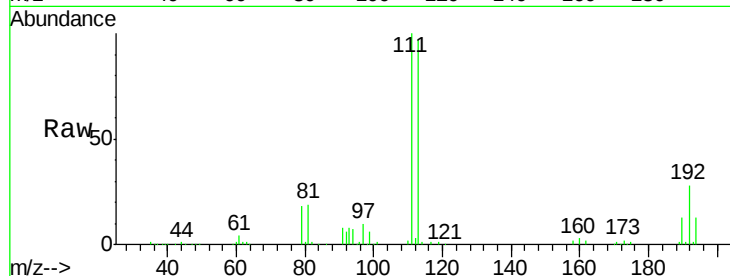
Tot Ion: 97 Resp: 12185

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 46.1 34.8 52.2



#33

1,2-Dichloroethane-d4

Concen: 45.650 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001429.D

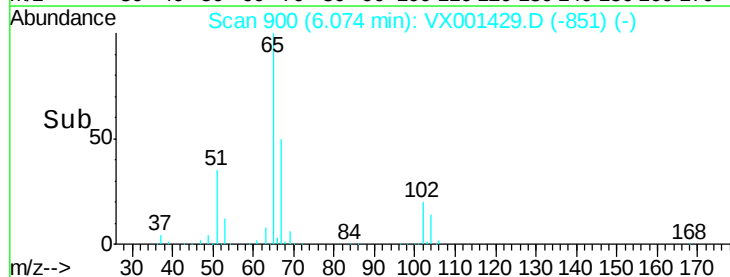
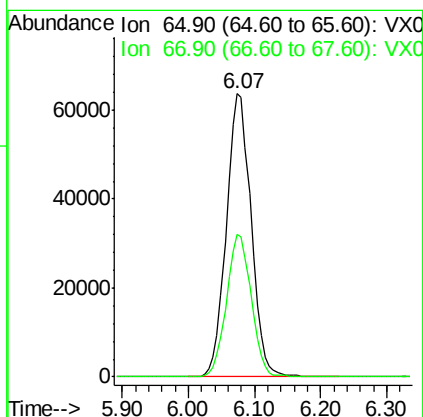
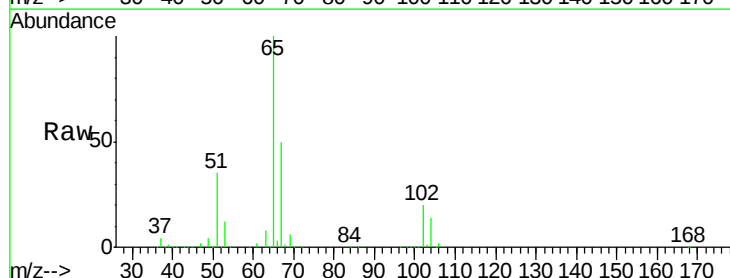
Acq: 05 May 2018 20:08

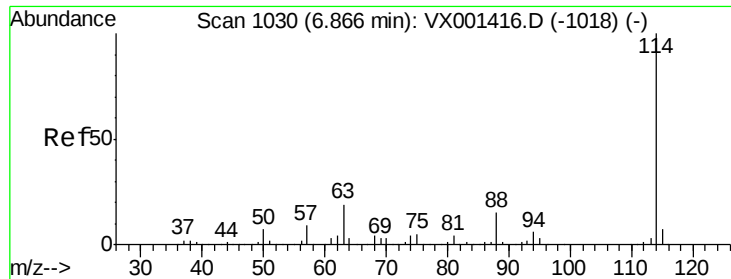
Tgt Ion: 65 Resp: 165044

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8

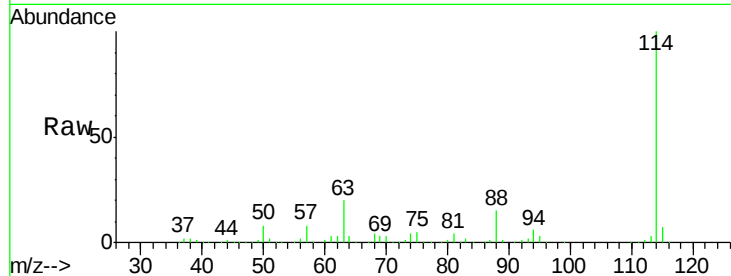




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001429.D
 Acq: 05 May 2018 20:08

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-STONES

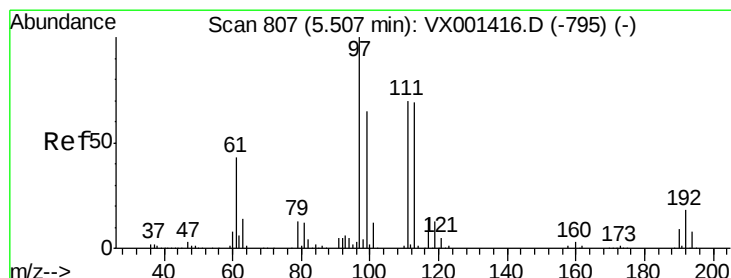
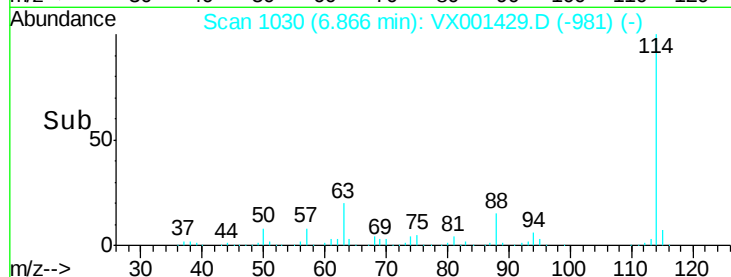
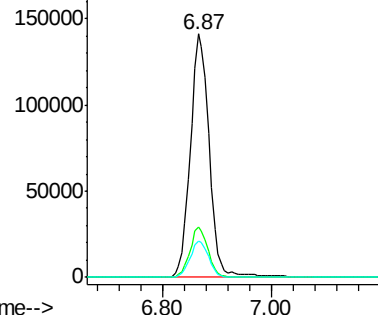
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	38.6
88	14.7	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

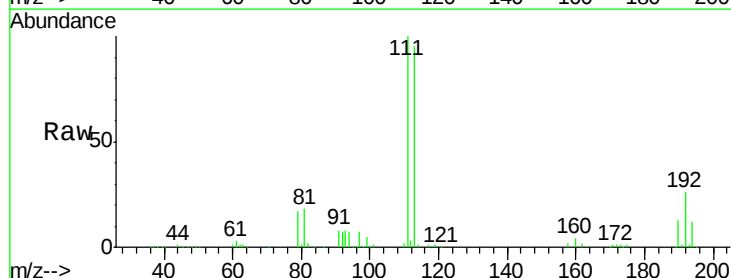
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 42.214 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001429.D
 Acq: 05 May 2018 20:08

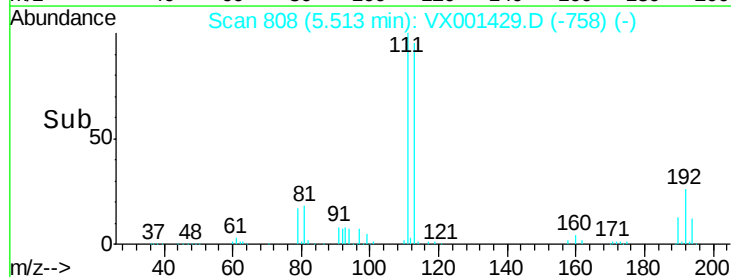
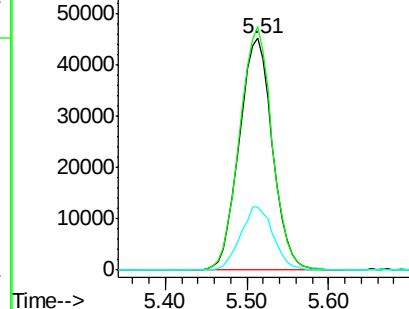
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	26.9	21.4	32.0

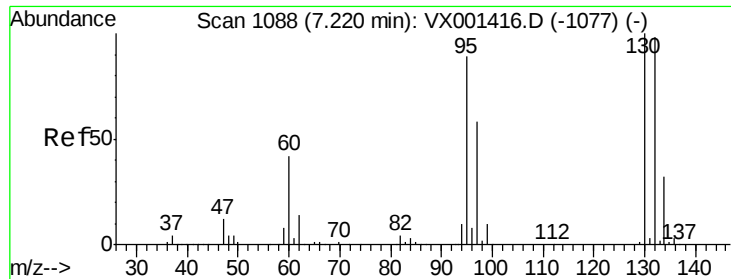


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 36.941 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001429.D

Acq: 05 May 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

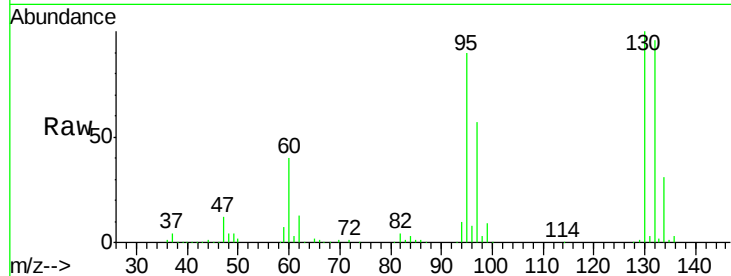
OILY-STONES

Tot Ion:130 Resp: 142770

Ion Ratio Lower Upper

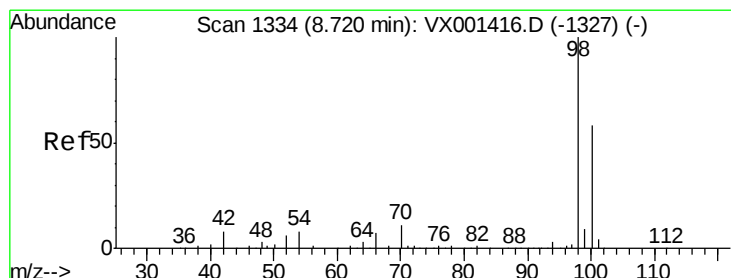
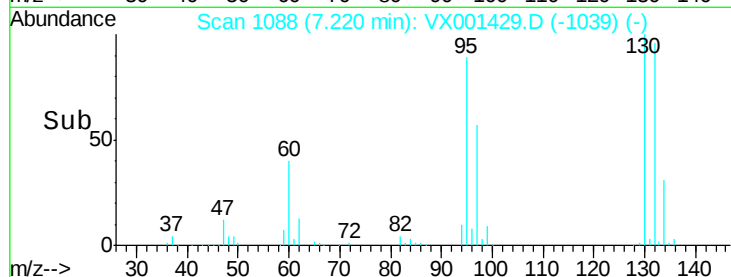
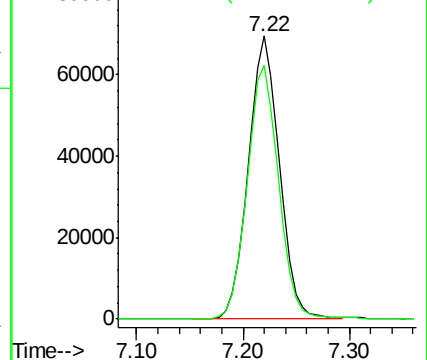
130 100

95 89.7 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 42.299 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001429.D

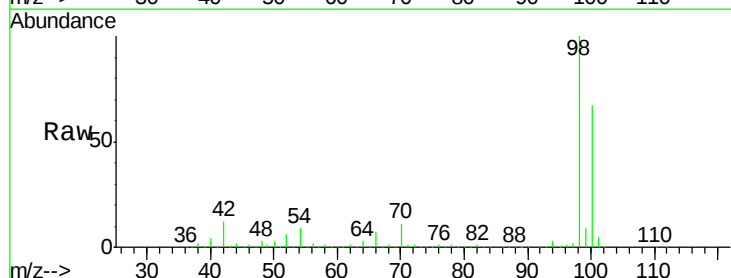
Acq: 05 May 2018 20:08

Tgt Ion: 98 Resp: 467378

Ion Ratio Lower Upper

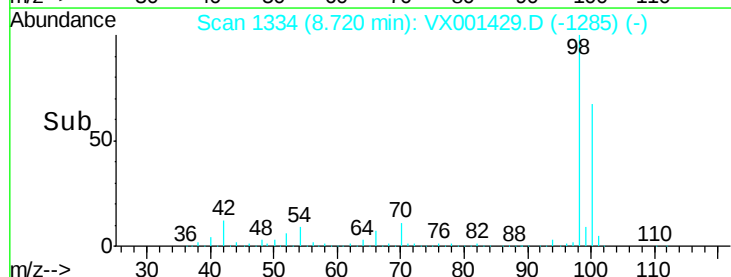
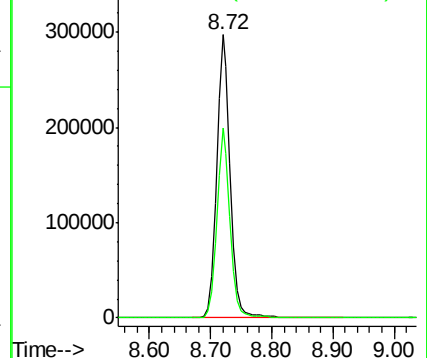
98 100

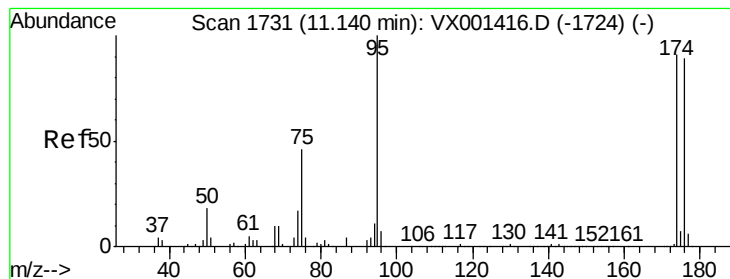
100 65.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 37.453 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001429.D

Acq: 05 May 2018 20:08

Instrument :

MSVOA_X

ClientSampleId :

OILY-STONES

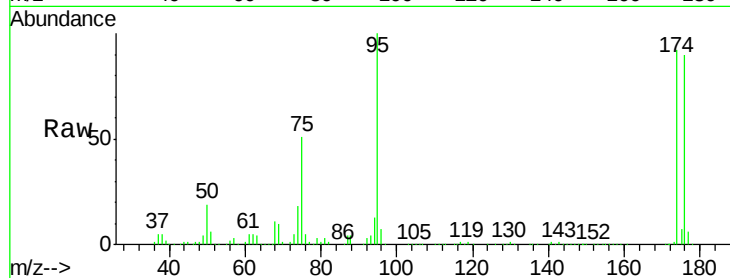
Tot Ion: 95 Resp: 158862

Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

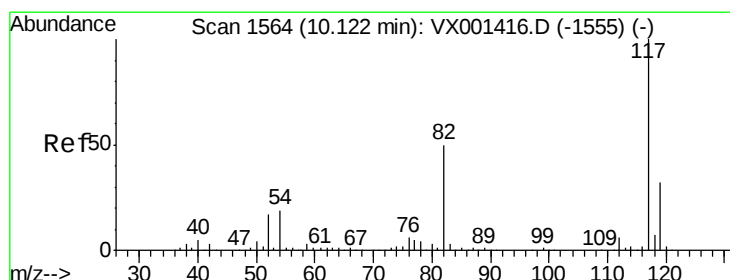
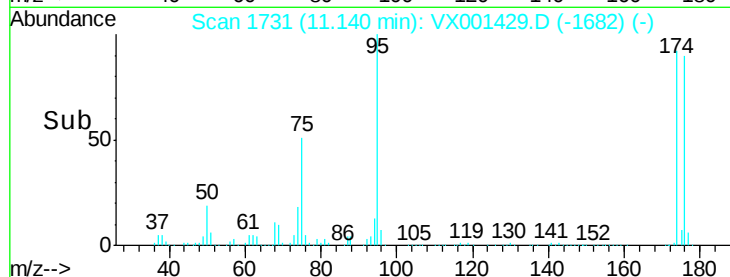
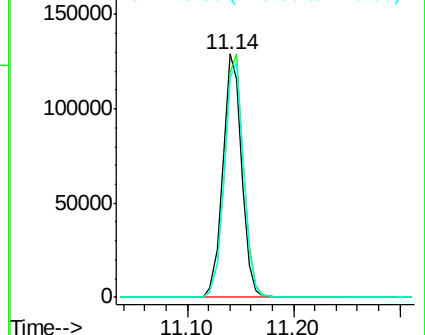
176 98.6 0.0 197.4



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: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX001429.D

Acq: 05 May 2018 20:08

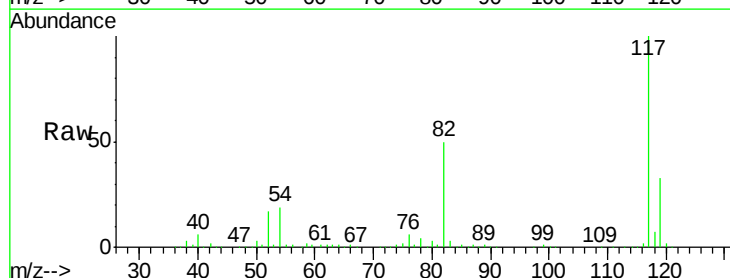
Tgt Ion: 117 Resp: 304537

Ion Ratio Lower Upper

117 100

82 50.0 40.0 60.0

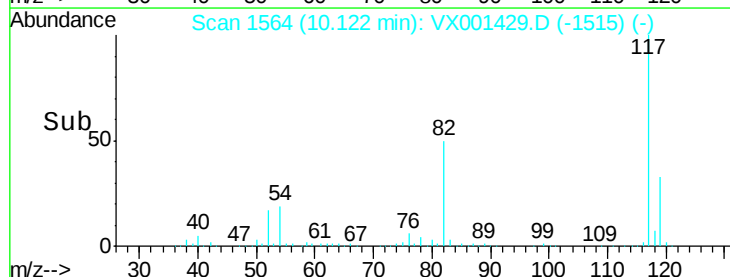
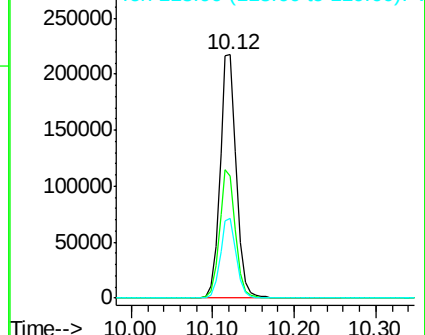
119 32.5 25.8 38.8

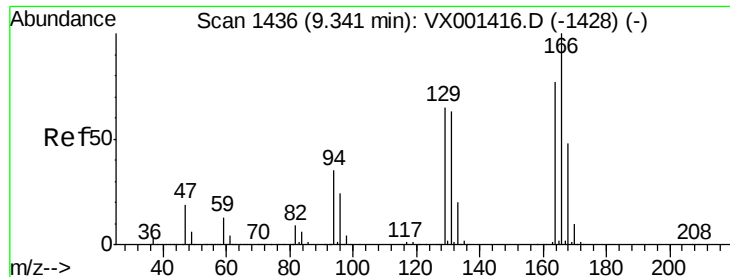


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.263 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001429.D

Acq: 05 May 2018 20:08

Instrument :
MSVOA_X
ClientSampled :
OILY-STONES

Tot Ion:164 Resp: 1116

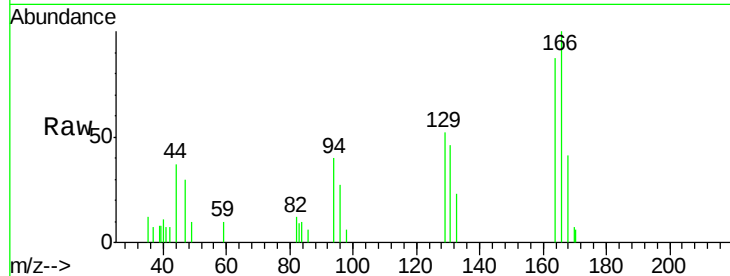
Ion Ratio Lower Upper

164 100

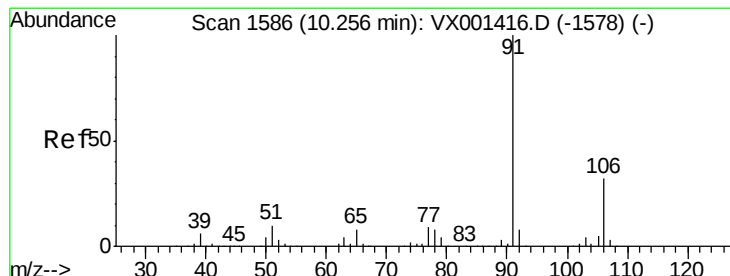
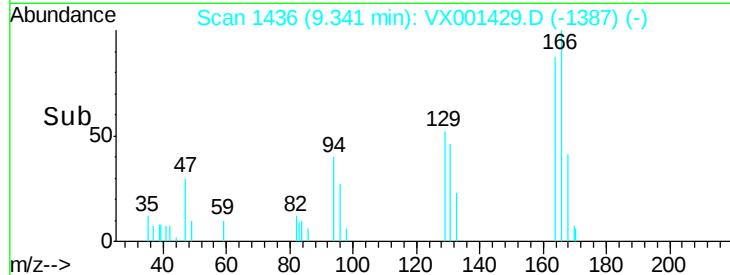
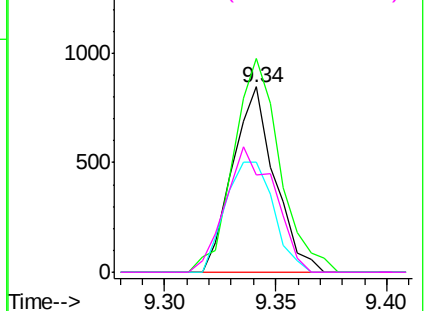
166 115.2 103.5 155.3

129 59.6 66.7 100.1#

131 52.6 64.9 97.3#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 1.259 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001429.D

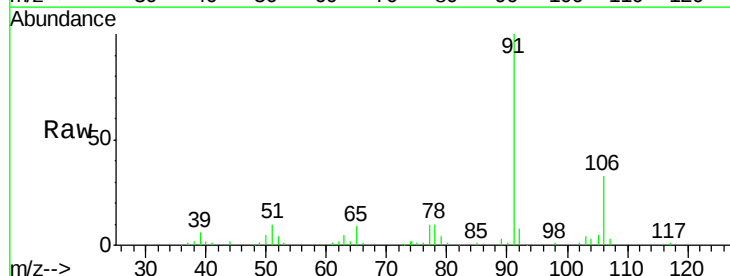
Acq: 05 May 2018 20:08

Tgt Ion: 91 Resp: 18436

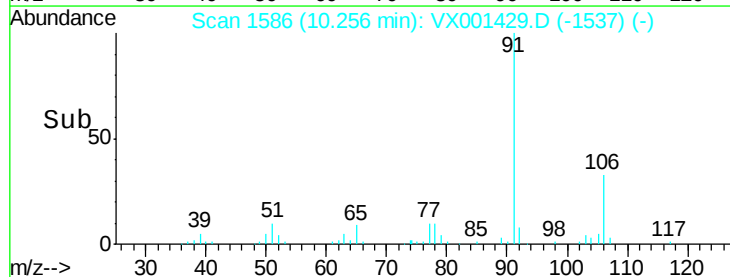
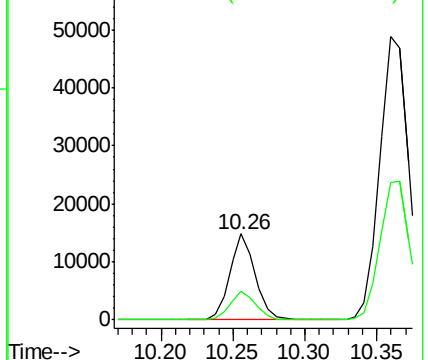
Ion Ratio Lower Upper

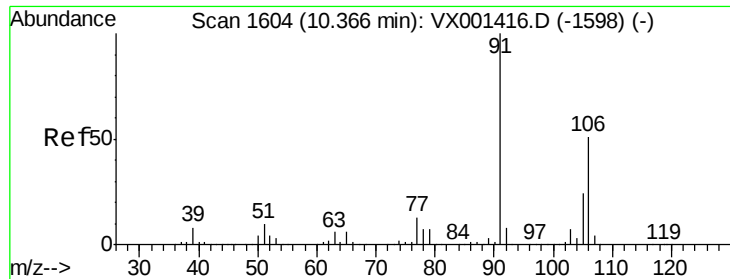
91 100

106 33.1 25.5 38.3



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

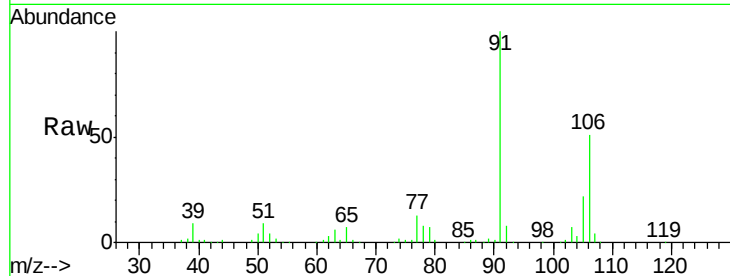




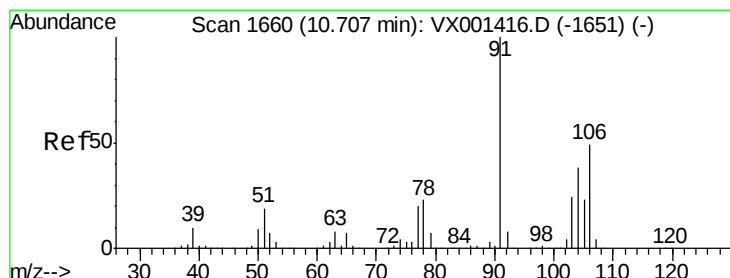
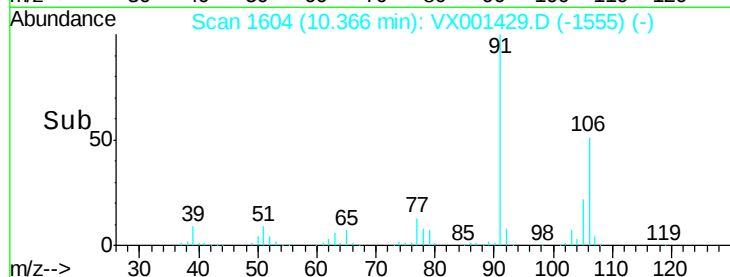
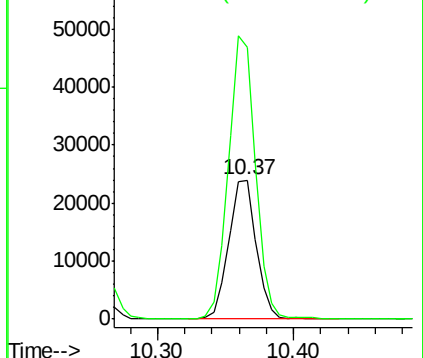
#68
m/p-Xvlenes
Concen: 5.859 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001429.D
Acq: 05 May 2018 20:08

Instrument :
MSVOA_X
ClientSampled :
OILY-STONES

Tot Ion:106 Resp: 33892
Ion Ratio Lower Upper
106 100
91 199.1 157.5 236.3

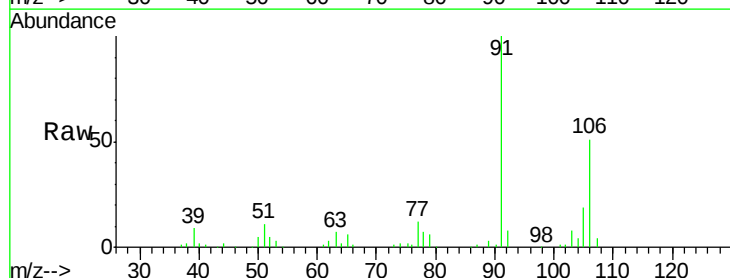


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

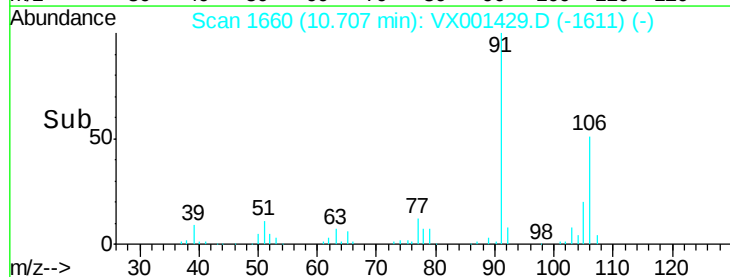
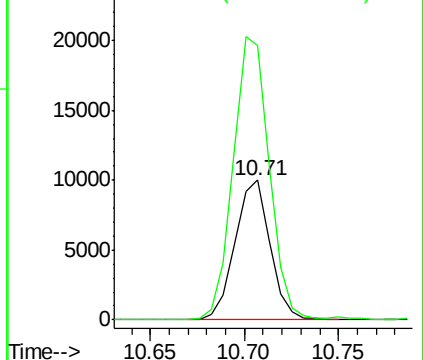


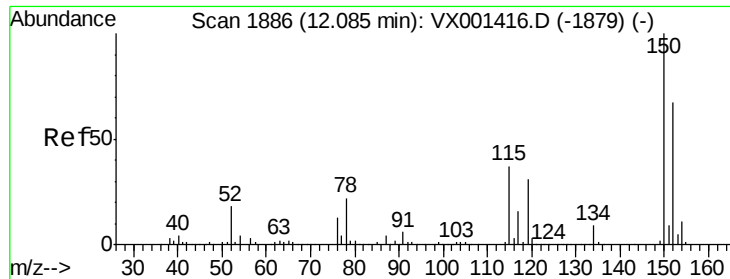
#69
o-Xylene
Concen: 2.293 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001429.D
Acq: 05 May 2018 20:08

Tgt Ion:106 Resp: 12893
Ion Ratio Lower Upper
106 100
91 210.2 103.1 309.1



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



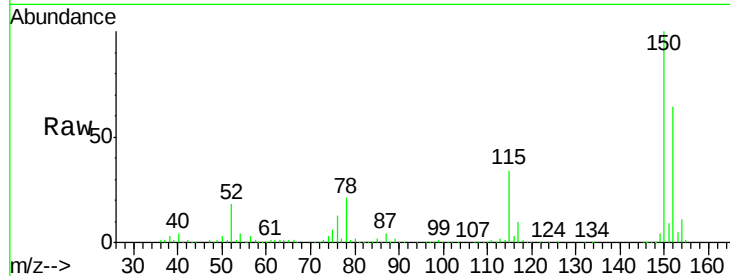


#72

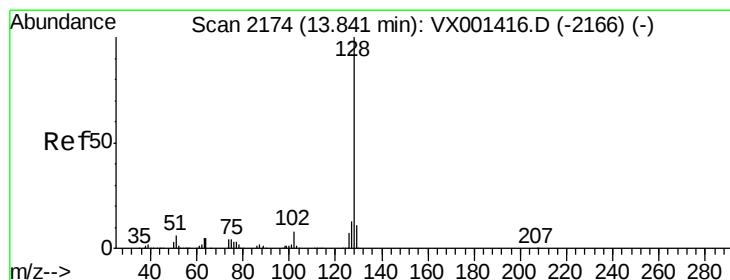
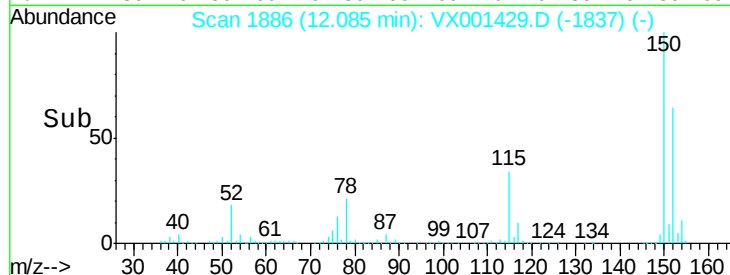
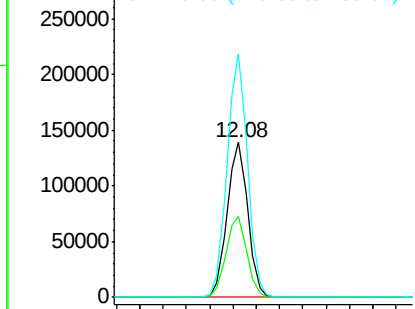
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001429.D
Acq: 05 May 2018 20:08

Instrument :
MSVOA_X
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.8	37.7	113.1
150	156.0	0.0	349.4



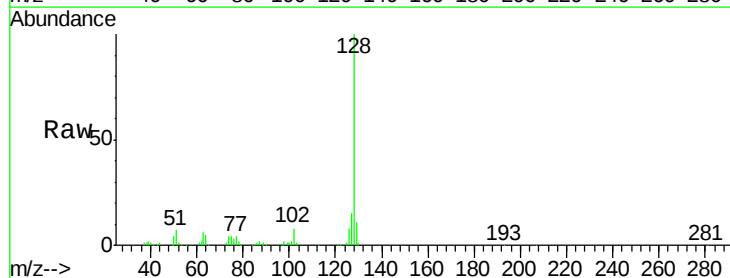
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.541 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001429.D
Acq: 05 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.4	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

