

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001593.D
 Acq On : 10 May 2018 08:40
 Operator : JC/MD
 Sample : J2811-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4A

Quant Time: May 10 11:31:24 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	262290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176013	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	177203	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
35) Dibromofluoromethane	5.51	113	138255	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
50) Toluene-d8	8.72	98	495778	42.73	ug/l	0.00
Spiked Amount			Recovery	=	85.46%	
62) 4-Bromofluorobenzene	11.14	95	162363	36.46	ug/l	0.00
Spiked Amount			Recovery	=	72.92%	

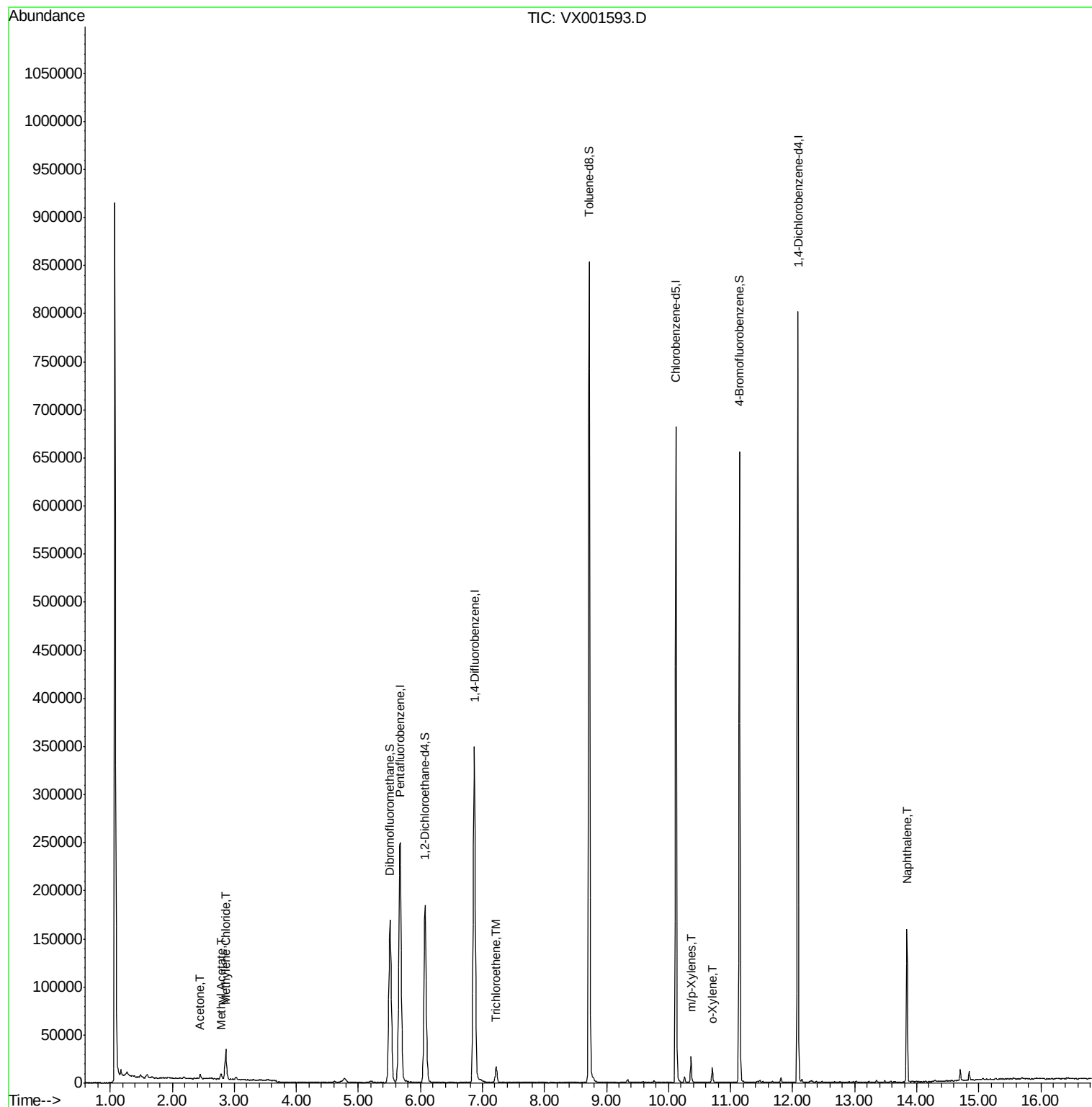
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	5313	3.10	ug/l	100
18) Methyl Acetate	2.78	43	6937	1.54	ug/l	99
20) Methylene Chloride	2.86	84	14410	4.25	ug/l	96
44) Trichloroethene	7.22	130	6949	1.71	ug/l	93
68) m/p-Xylenes	10.36	106	6260	1.04	ug/l	97
69) o-Xylene	10.70	106	3287	0.56	ug/l	94
95) Naphthalene	13.84	128	100600	7.72	ug/l	100

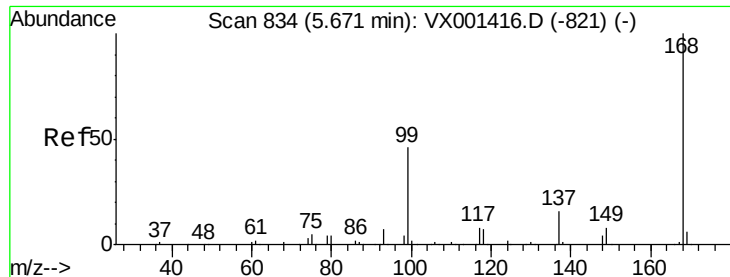
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001593.D

Acq: 10 May 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

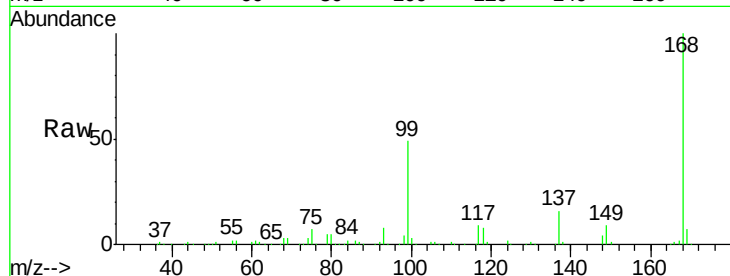
TP-4A

Tot Ion:168 Resp: 262290

Ion Ratio Lower Upper

168 100

99 49.1 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

100000

80000

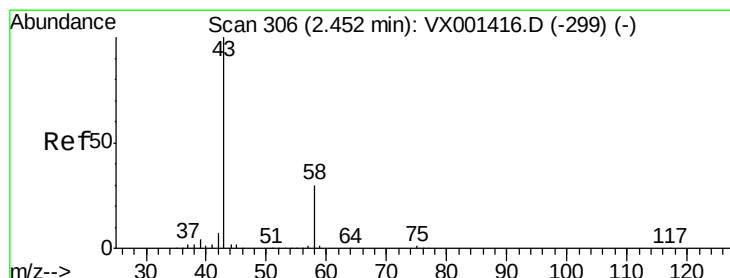
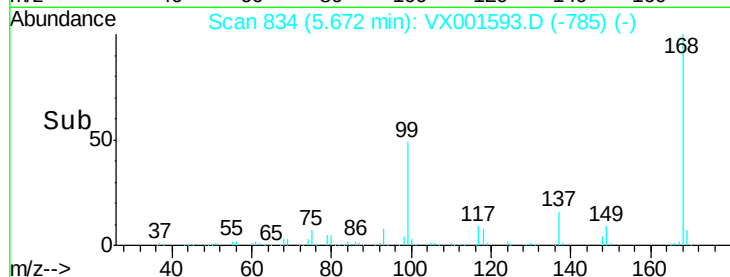
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.10 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001593.D

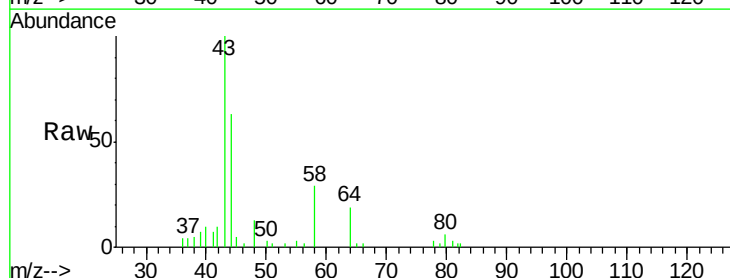
Acq: 10 May 2018 08:40

Tgt Ion: 43 Resp: 5313

Ion Ratio Lower Upper

43 100

58 29.9 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

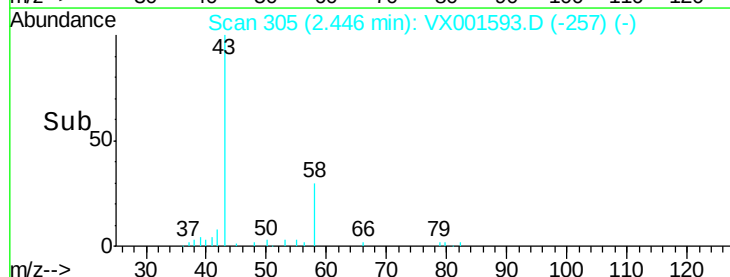
3000

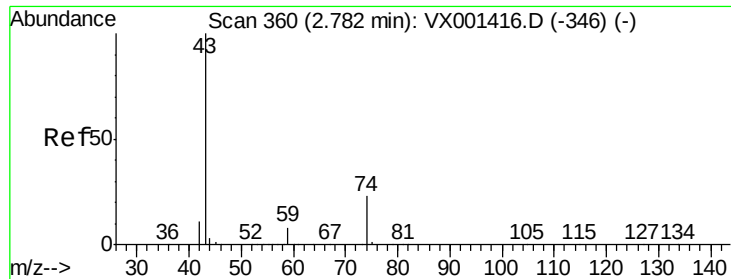
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

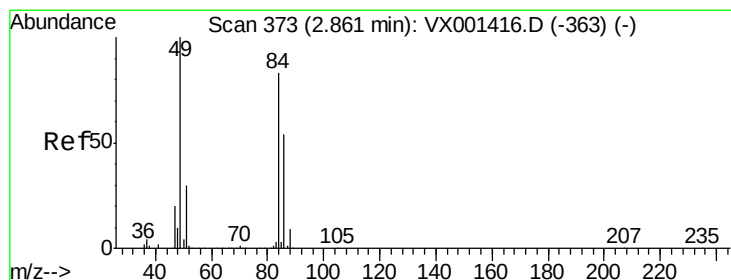
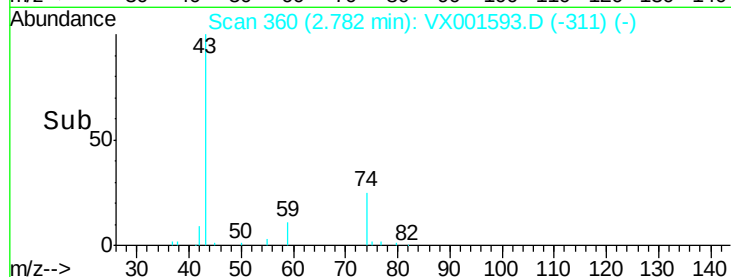
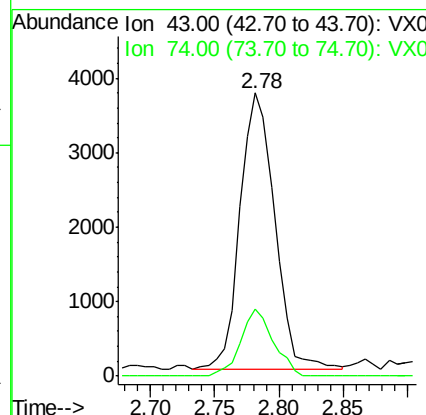
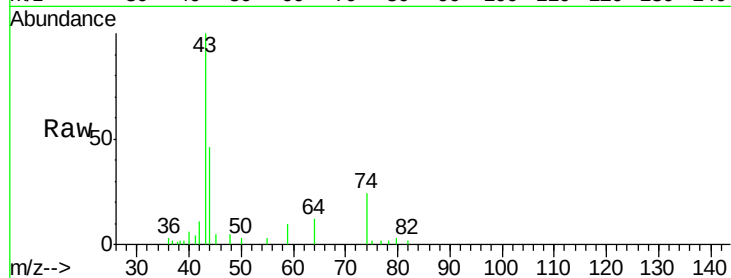




#18
Methvl Acetate
Concen: 1.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001593.D
Acq: 10 May 2018 08:40

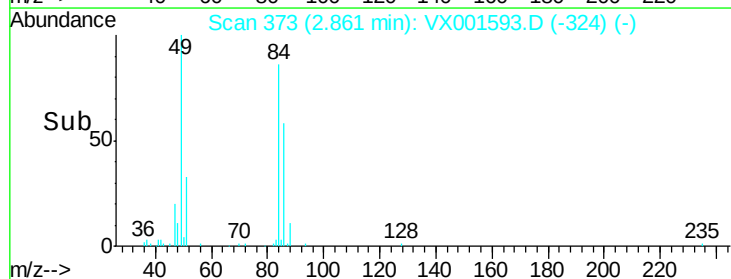
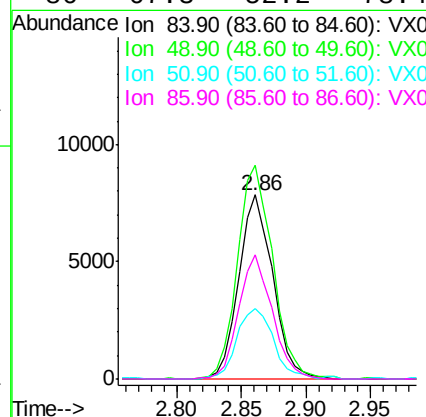
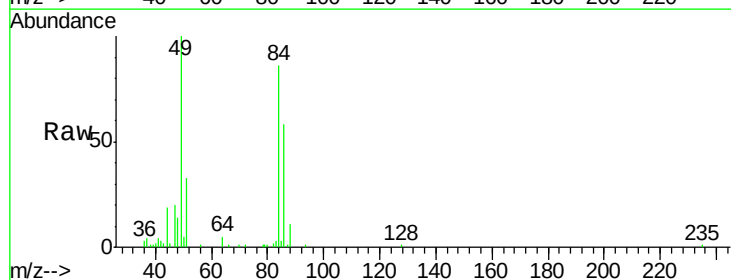
Instrument :
MSVOA_X
ClientSampleId :
TP-4A

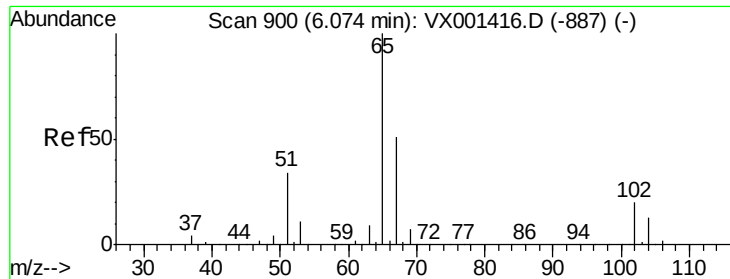
Tot Ion: 43 Resp: 6937
Ion Ratio Lower Upper
43 100
74 22.9 18.6 27.8



#20
Methylene Chloride
Concen: 4.25 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001593.D
Acq: 10 May 2018 08:40

Tgt Ion: 84 Resp: 14410
Ion Ratio Lower Upper
84 100
49 115.9 96.6 144.8
51 38.1 29.0 43.4
86 67.3 52.2 78.4

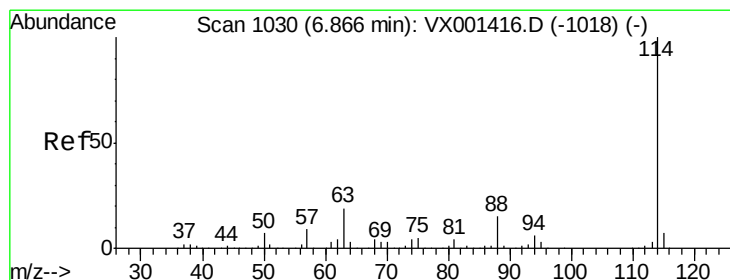
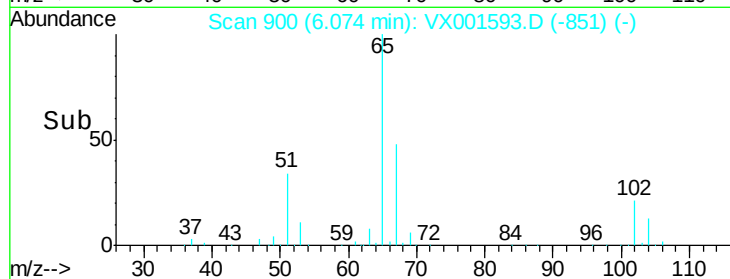
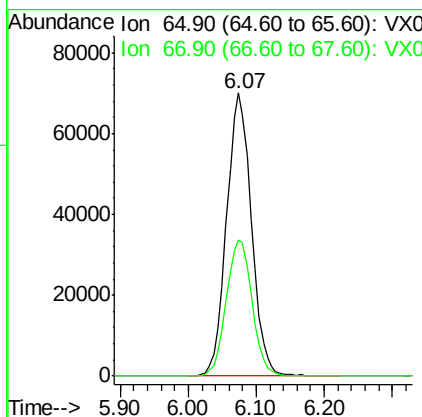
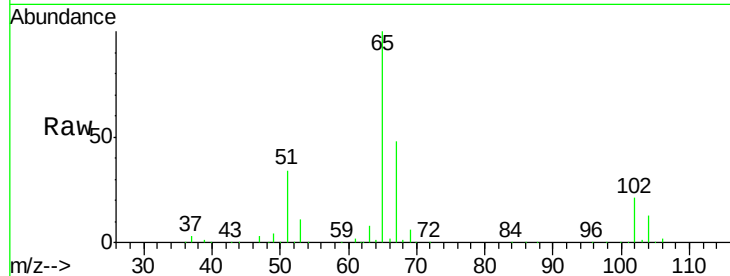




#33
 1,2-Dichloroethane-d4
 Concen: 47.00 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001593.D
 Acq: 10 May 2018 08:40

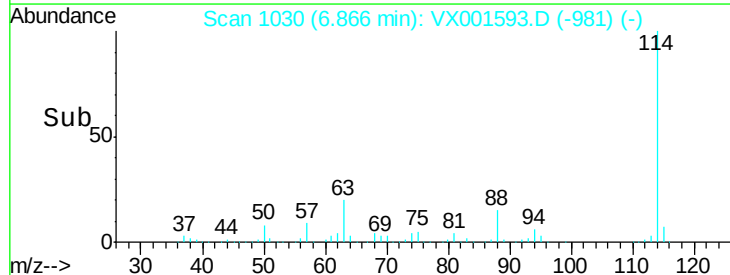
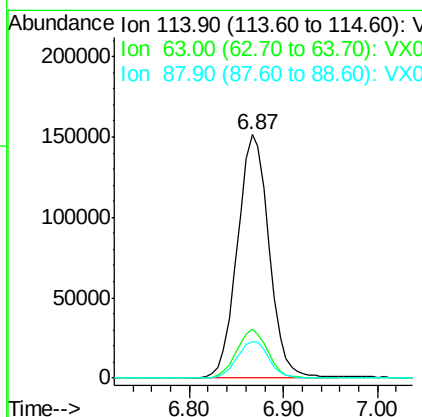
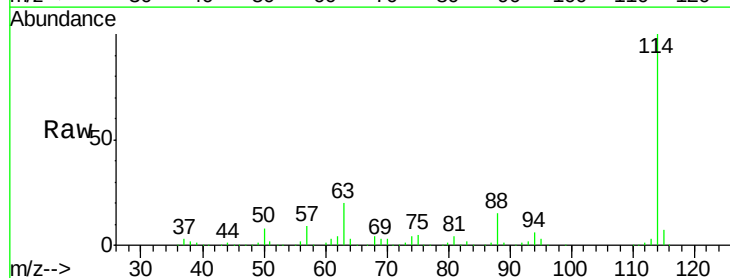
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4A

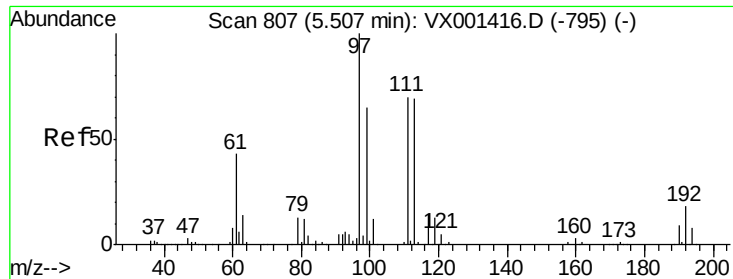
Tot Ion: 65 Resp: 177203
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001593.D
 Acq: 10 May 2018 08:40

Tgt Ion: 114 Resp: 357322
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 15.0 0.0 30.8

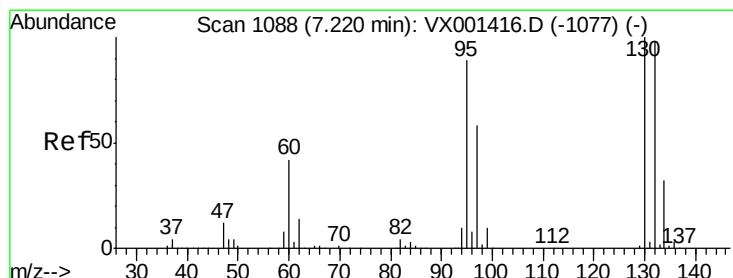
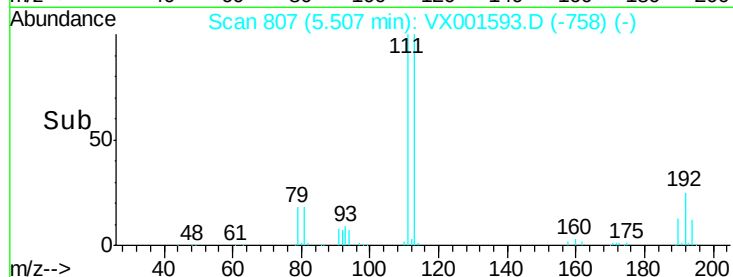
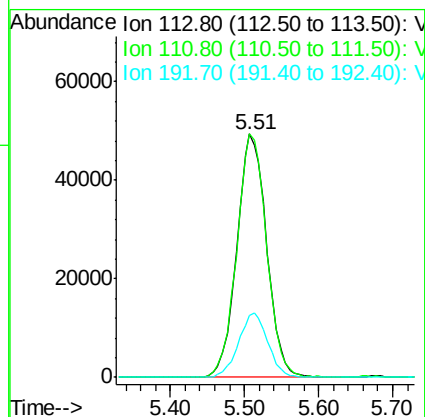
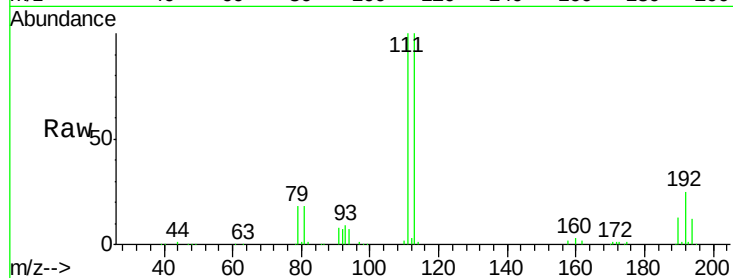




#35
 Dibromofluoromethane
 Concen: 43.50 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001593.D
 Acq: 10 May 2018 08:40

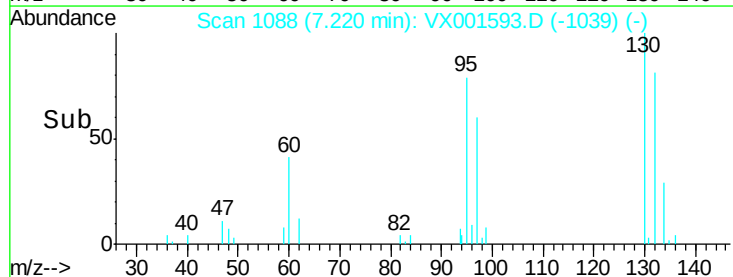
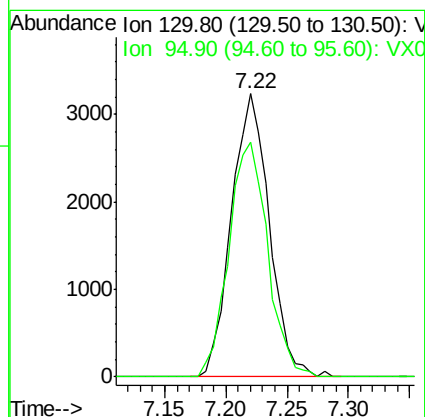
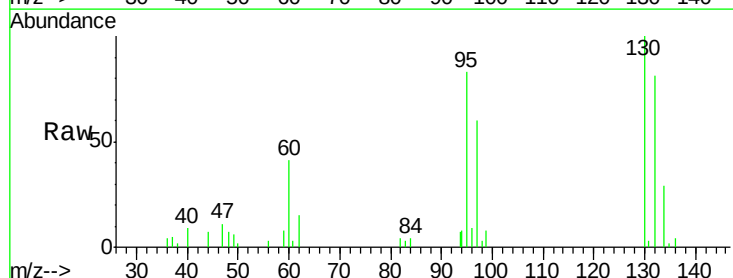
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4A

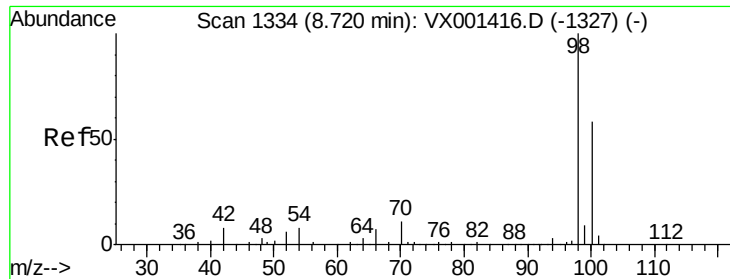
Tot Ion:113 Resp: 138255
 Ion Ratio Lower Upper
 113 100
 111 100.1 82.2 123.2
 192 26.0 21.4 32.0



#44
 Trichloroethene
 Concen: 1.71 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001593.D
 Acq: 10 May 2018 08:40

Tgt Ion:130 Resp: 6949
 Ion Ratio Lower Upper
 130 100
 95 83.0 0.0 178.4





#50

Toluene-d8

Concen: 42.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001593.D

Acq: 10 May 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

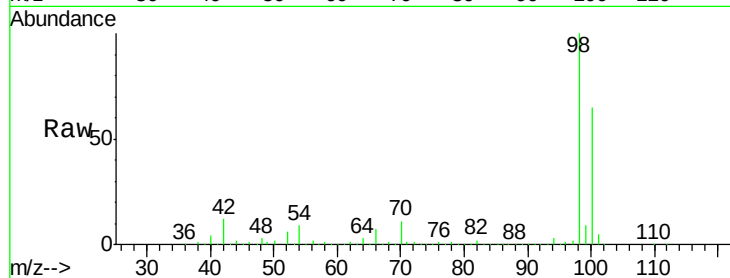
TP-4A

Tot Ion: 98 Resp: 495778

Ion Ratio Lower Upper

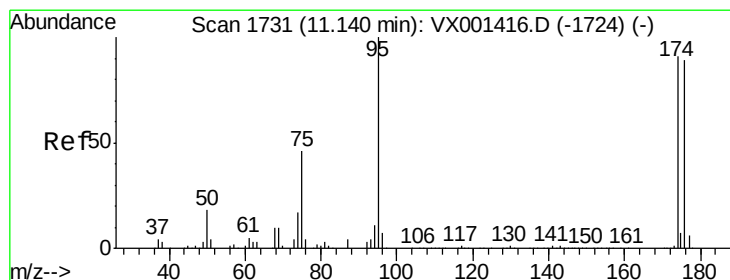
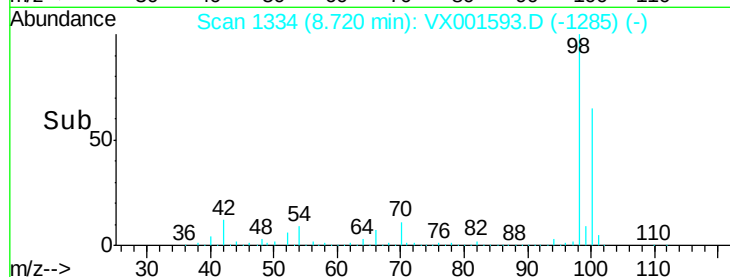
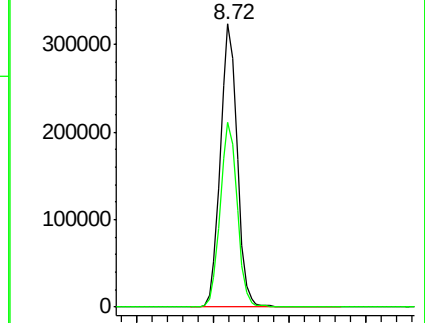
98 100

100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 36.46 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001593.D

Acq: 10 May 2018 08:40

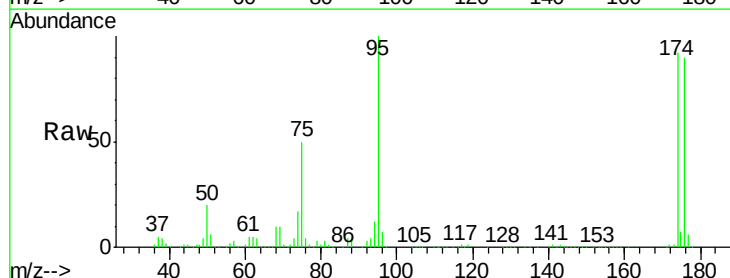
Tgt Ion: 95 Resp: 162363

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

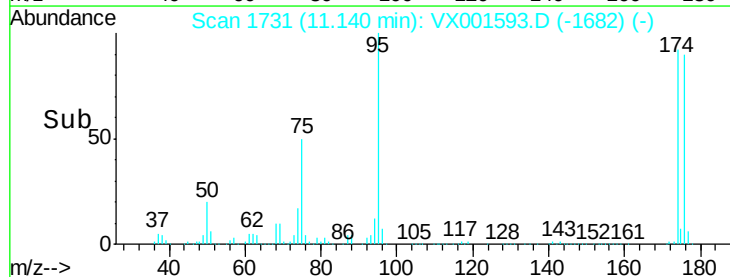
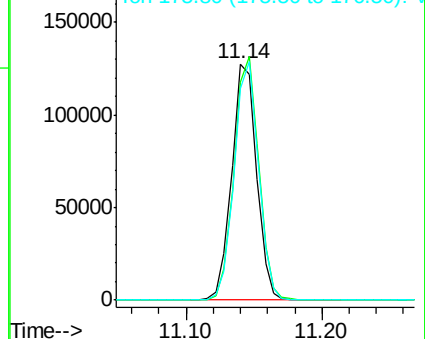
176 98.7 0.0 197.4

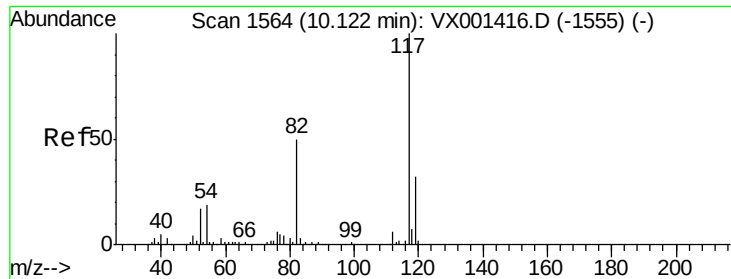


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

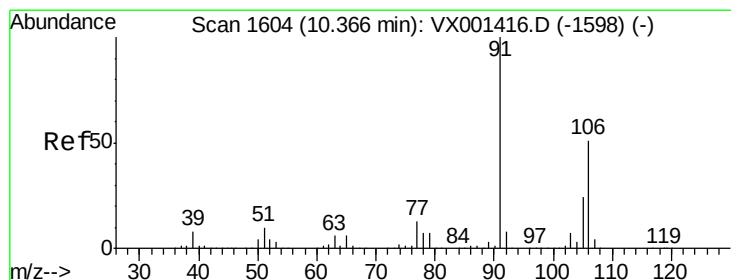
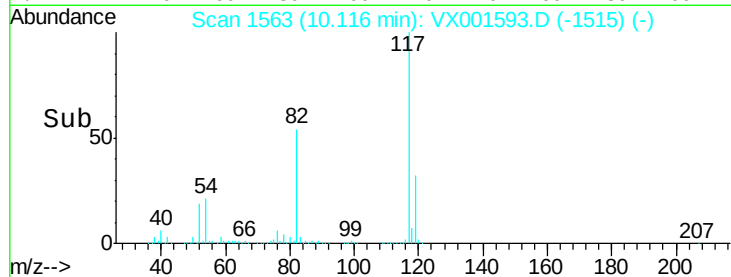
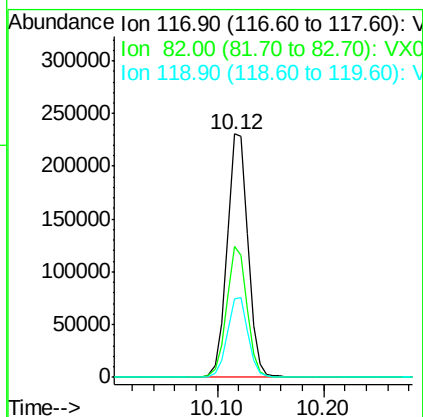
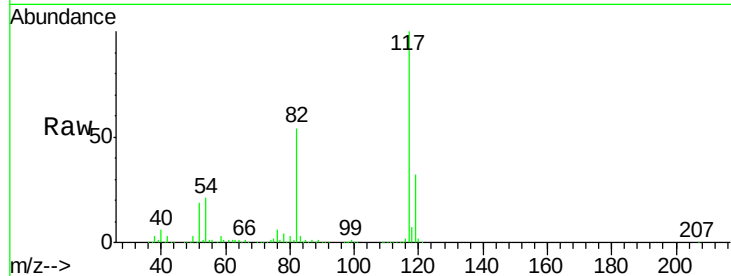




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001593.D
Acq: 10 May 2018 08:40

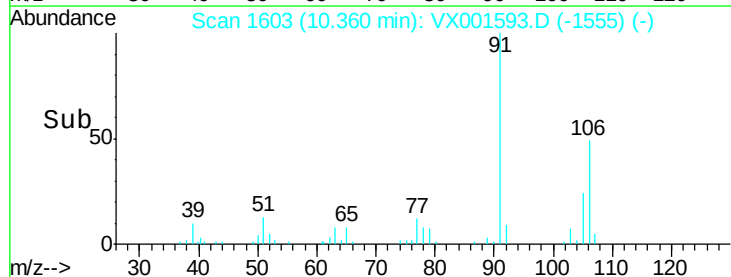
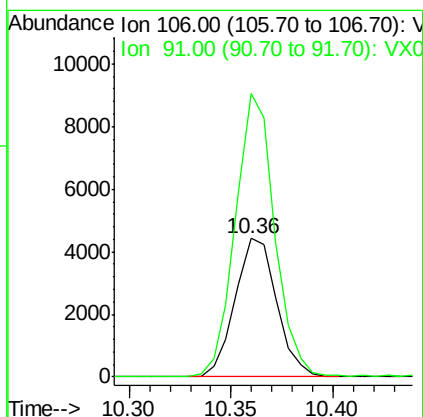
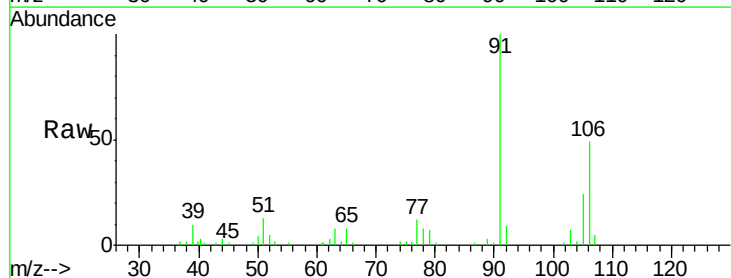
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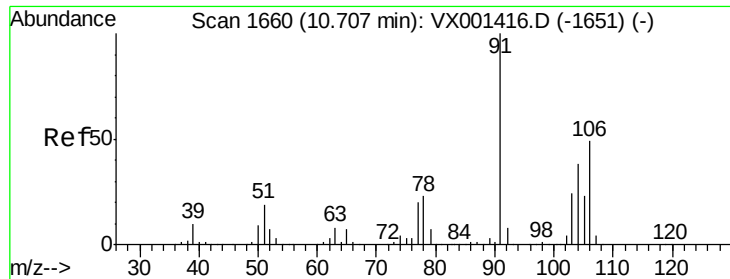
Tot Ion:117 Resp: 318295
Ion Ratio Lower Upper
117 100
82 53.8 40.0 60.0
119 32.1 25.8 38.8



#68
m/p-Xylenes
Concen: 1.04 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001593.D
Acq: 10 May 2018 08:40

Tgt Ion:106 Resp: 6260
Ion Ratio Lower Upper
106 100
91 193.0 157.5 236.3

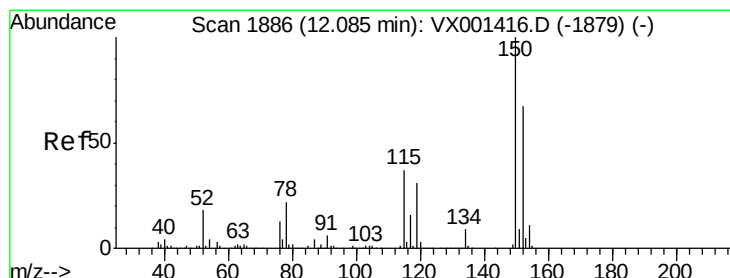
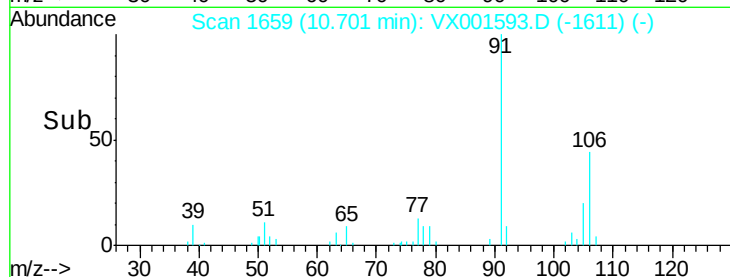
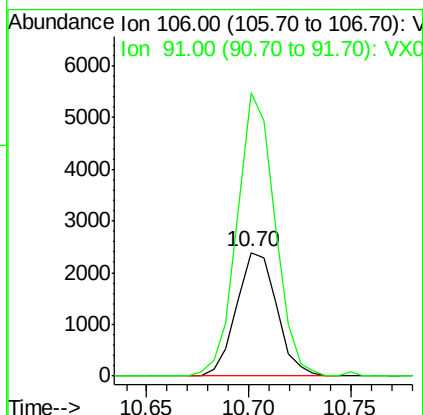
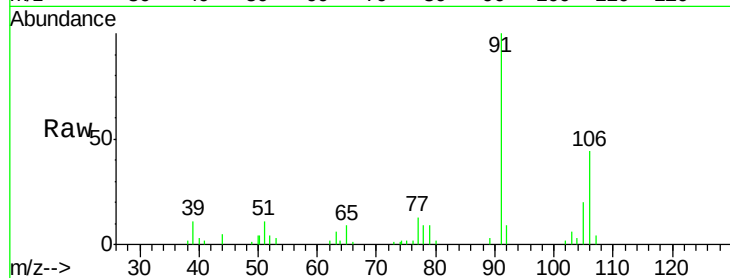




#69
o-Xylene
Concen: 0.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001593.D
Acq: 10 May 2018 08:40

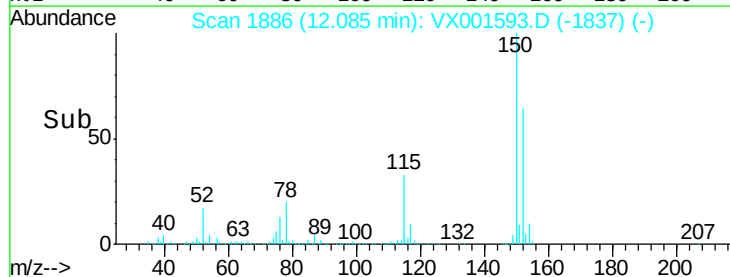
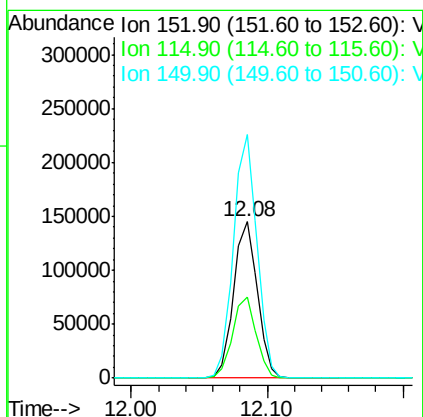
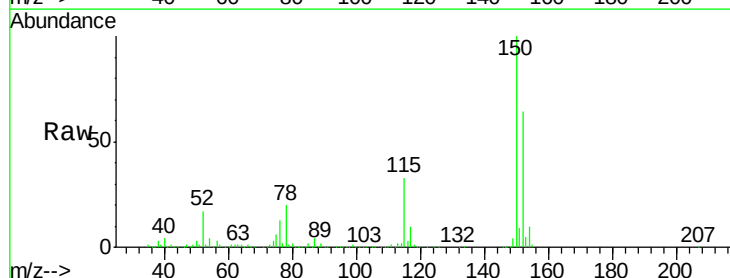
Instrument :
MSVOA_X
ClientSampleId :
TP-4A

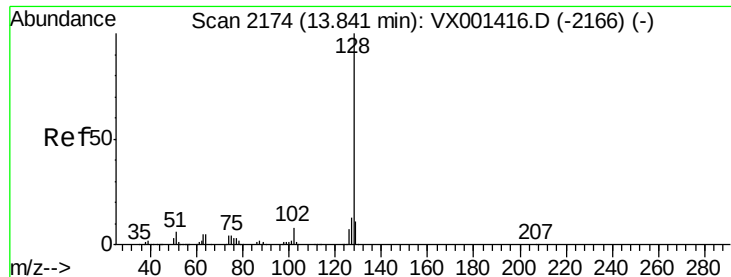
Tot Ion:106 Resp: 3287
Ion Ratio Lower Upper
106 100
91 214.7 103.1 309.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001593.D
Acq: 10 May 2018 08:40

Tgt Ion:152 Resp: 176013
Ion Ratio Lower Upper
152 100
115 52.0 37.7 113.1
150 154.6 0.0 349.4

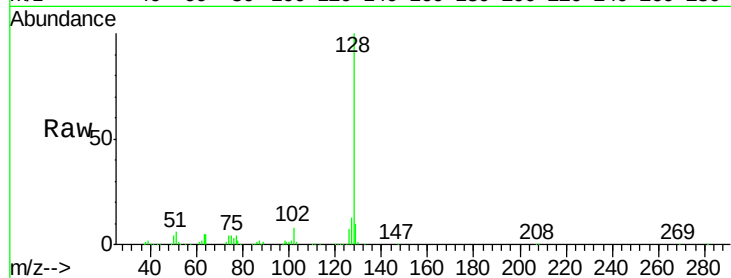




#95
 Naphthalene
 Concen: 7.72 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001593.D
 Acq: 10 May 2018 08:40

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	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

