

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004177.D
 Acq On : 21 Aug 2018 15:51
 Operator : JC/MD
 Sample : J4573-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T27-COMP

Quant Time: Aug 22 01:38:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	306142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	501556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218491	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	218453	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	184907	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	685472	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	208698	37.81	ug/l	0.00
Spiked Amount			Recovery	=	75.62%	

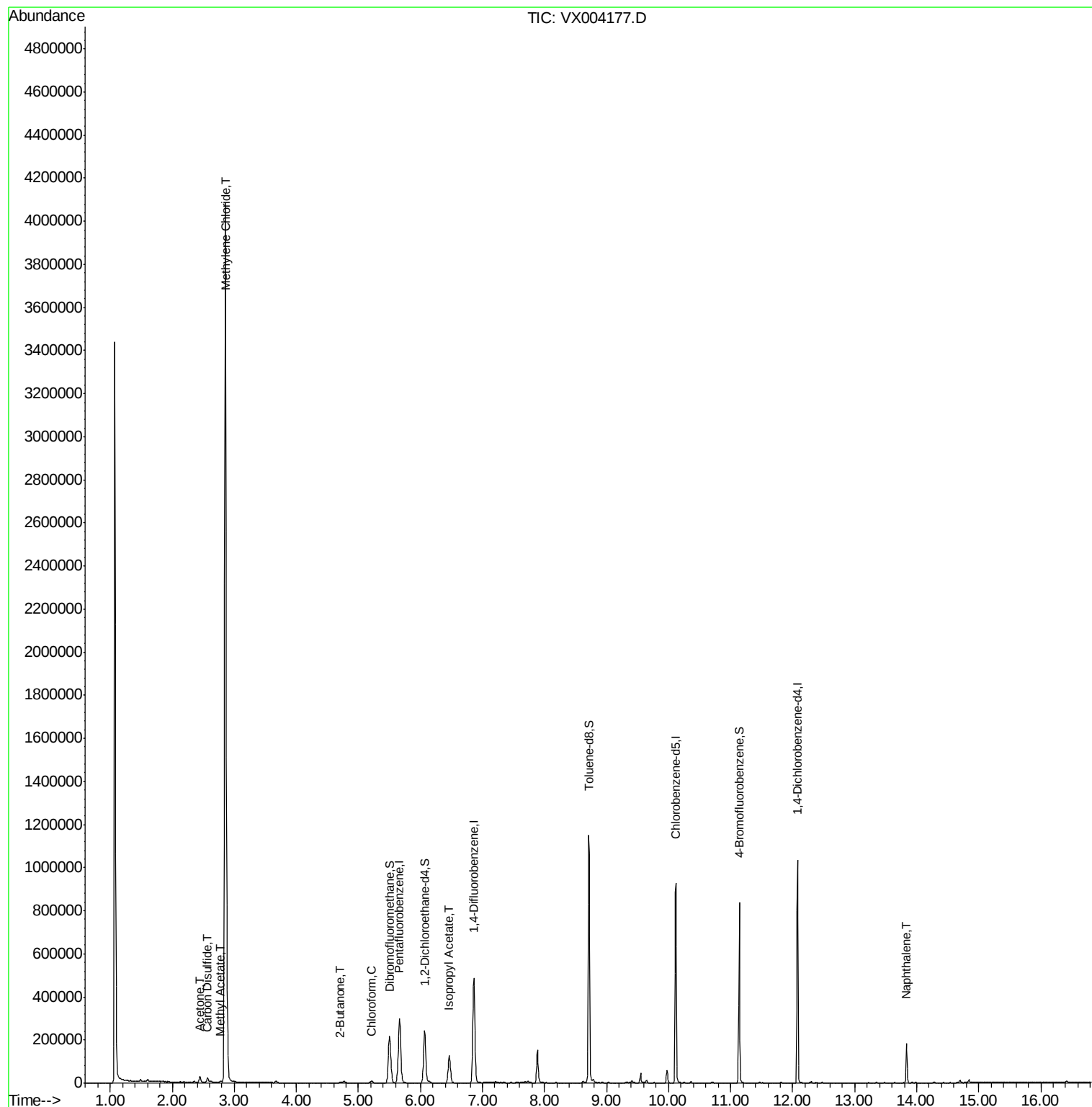
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	28141	12.55	ug/l	99
17) Carbon Disulfide	2.57	76	27345	2.99	ug/l	99
18) Methyl Acetate	2.78	43	6900	1.38	ug/l	95
20) Methylene Chloride	2.85	84	1927888	531.81	ug/l	99
25) 2-Butanone	4.71	43	6400	1.75	ug/l	96
30) Chloroform	5.21	83	10854	1.64	ug/l	92
43) Isopropyl Acetate	6.46	43	166967	18.23	ug/l	100
95) Naphthalene	13.83	128	114779	8.49	ug/l	99

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

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Quant Time: Aug 22 01:38:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004177.D

Acq: 21 Aug 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

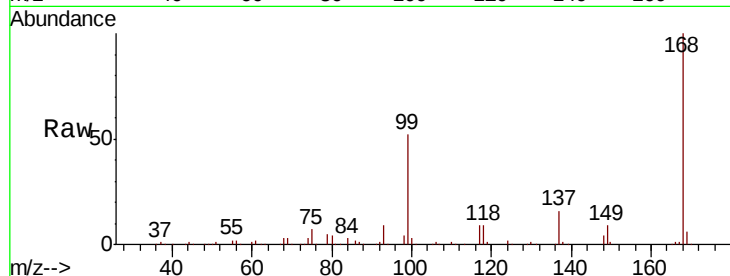
T27-COMP

Tot Ion:168 Resp: 306142

Ion Ratio Lower Upper

168 100

99 51.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

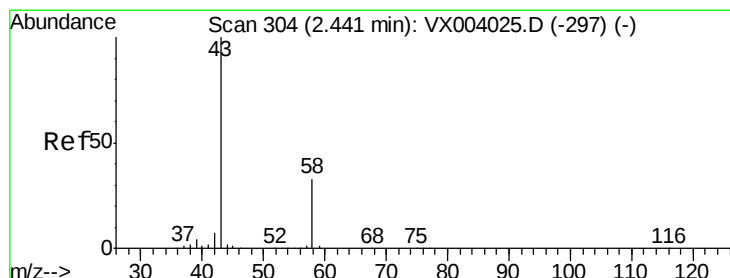
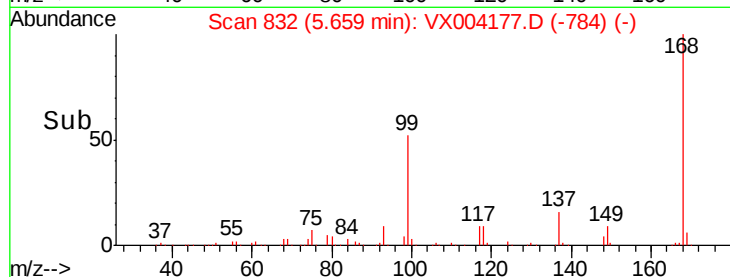
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.55 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004177.D

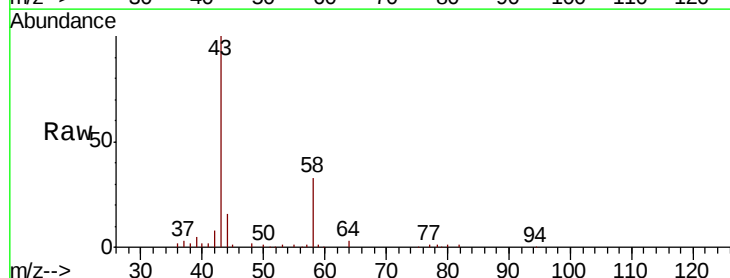
Acq: 21 Aug 2018 15:51

Tgt Ion: 43 Resp: 28141

Ion Ratio Lower Upper

43 100

58 33.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

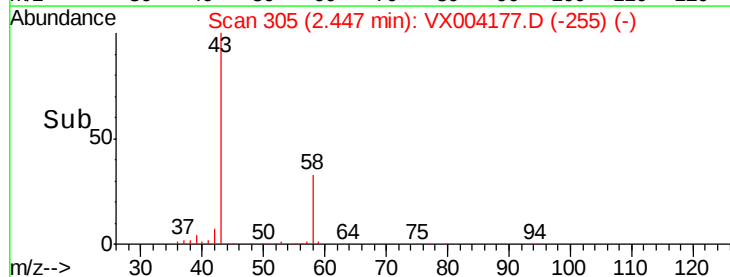
10000

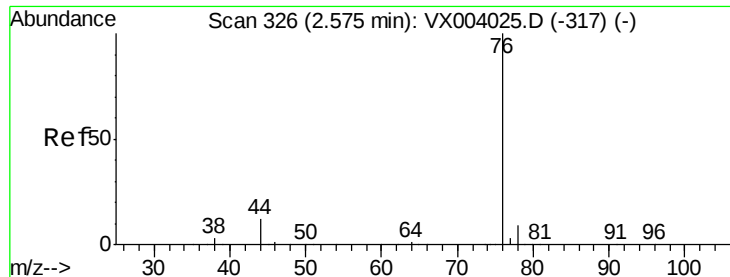
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0

Time-->

2.40 2.50

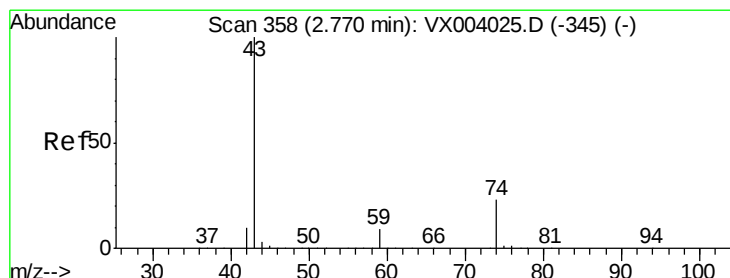
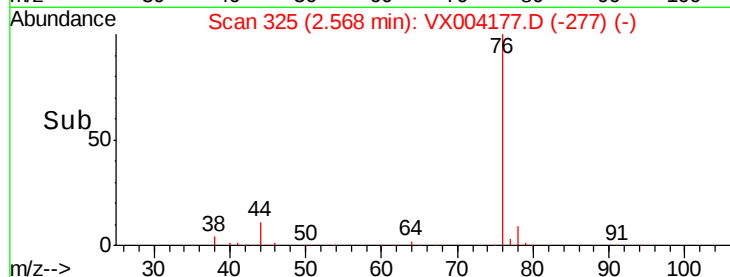
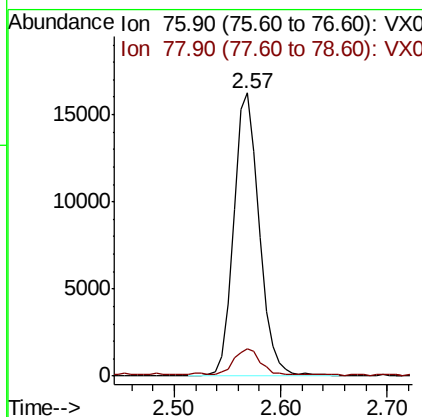
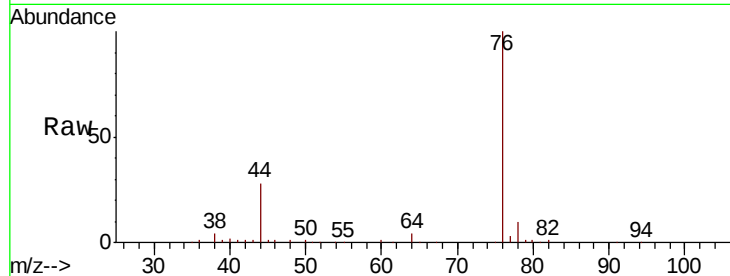




#17
Carbon Disulfide
Concen: 2.99 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX004177.D
Acq: 21 Aug 2018 15:51

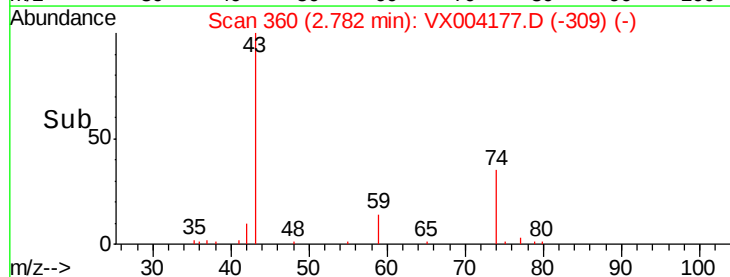
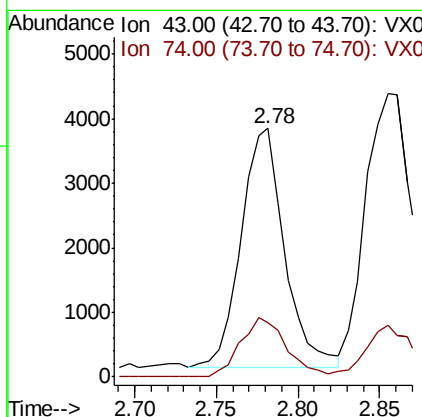
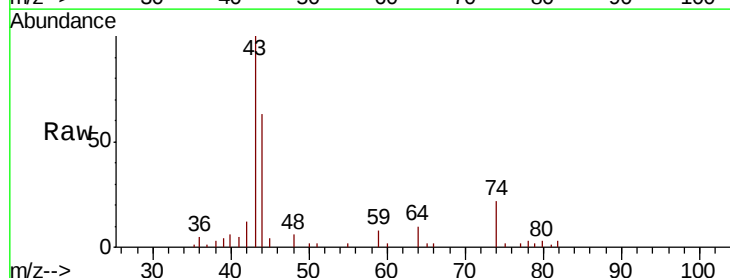
Instrument :
MSVOA_X
ClientSampleId :
T27-COMP

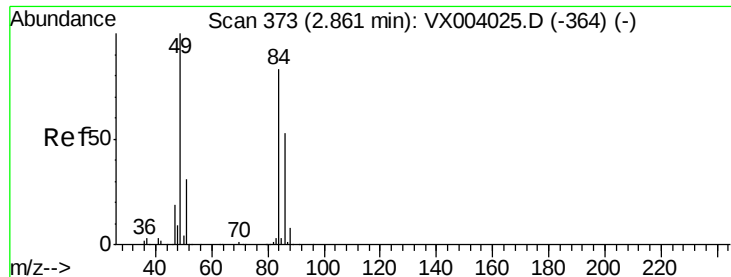
Tot Ion: 76 Resp: 27345
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 1.38 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004177.D
Acq: 21 Aug 2018 15:51

Tgt Ion: 43 Resp: 6900
Ion Ratio Lower Upper
43 100
74 26.2 18.9 28.3



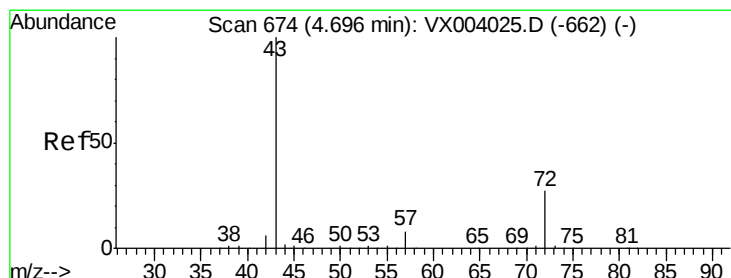
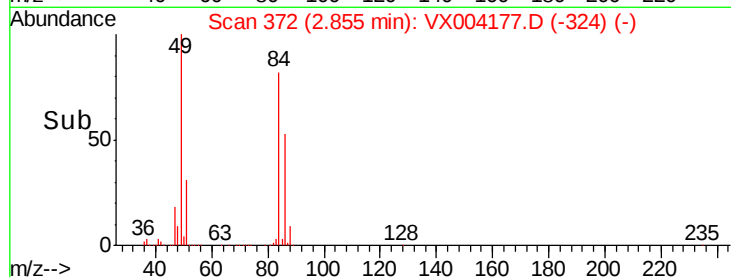
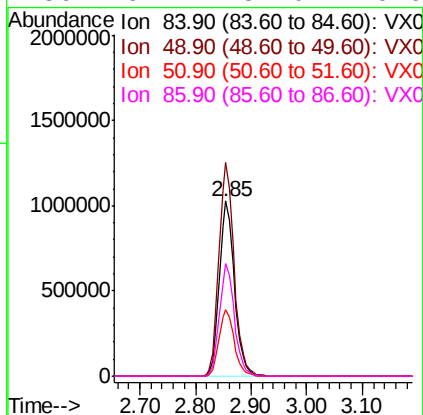
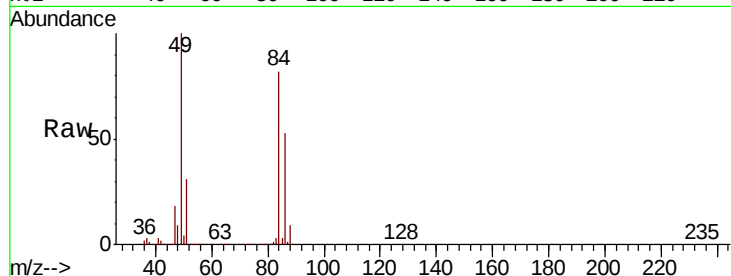


#20
Methvlene Chloride
Concen: 531.81 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004177.D
Acq: 21 Aug 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
T27-COMP

Tot Ion: 84 Resp: 1927888

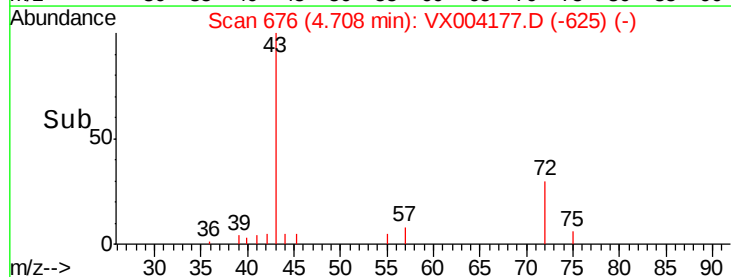
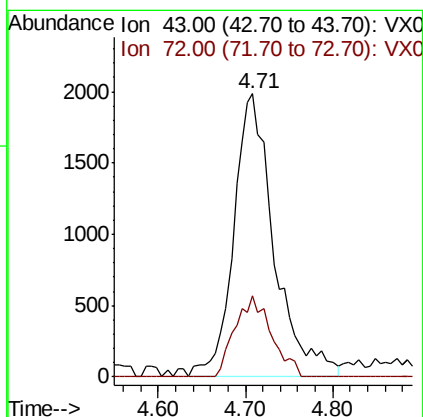
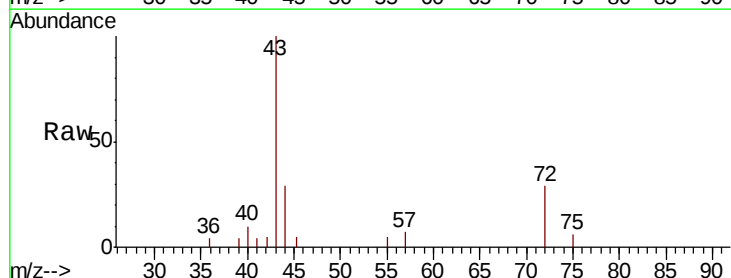
Ion	Ratio	Lower	Upper
84	100		
49	122.1	98.9	148.3
51	38.3	29.9	44.9
86	64.4	51.0	76.6

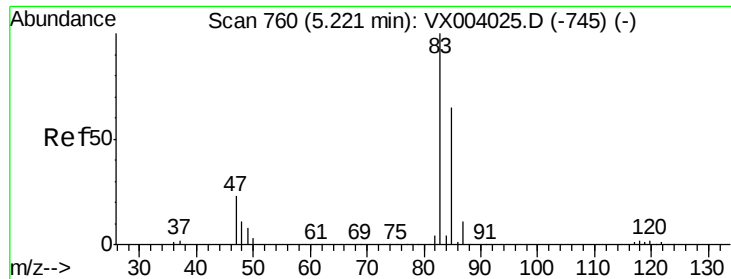


#25
2-Butanone
Concen: 1.75 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX004177.D
Acq: 21 Aug 2018 15:51

Tgt Ion: 43 Resp: 6400

Ion	Ratio	Lower	Upper
43	100		
72	28.8	21.4	32.0

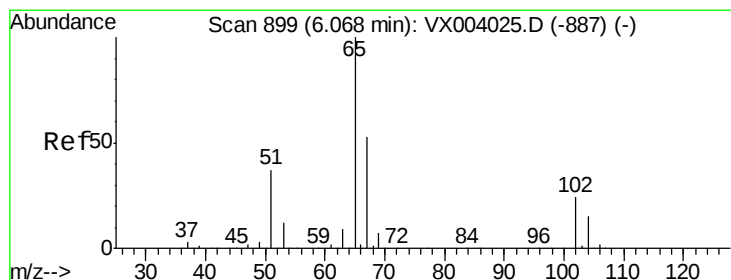
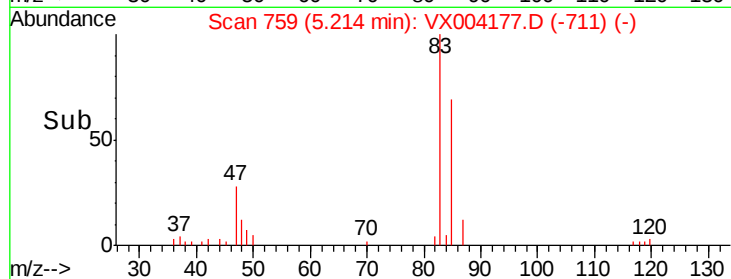
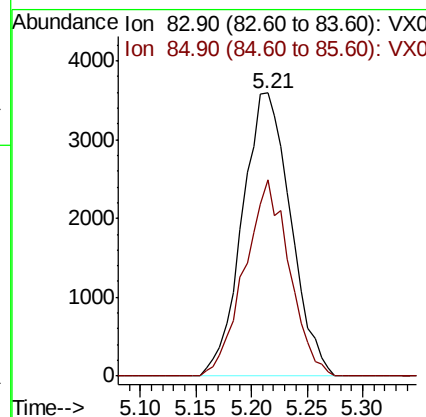
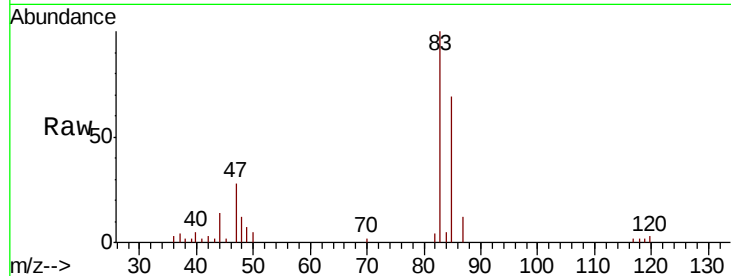




#30
Chloroform
Concen: 1.64 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004177.D
Acq: 21 Aug 2018 15:51

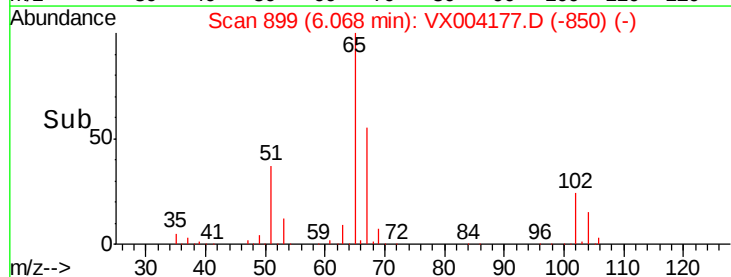
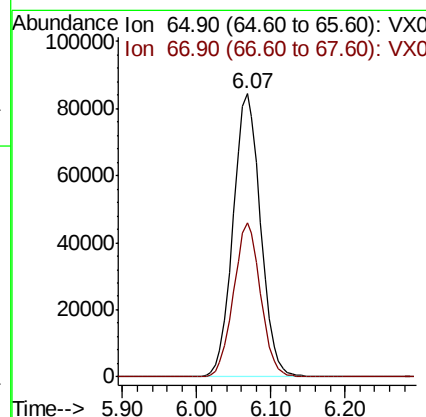
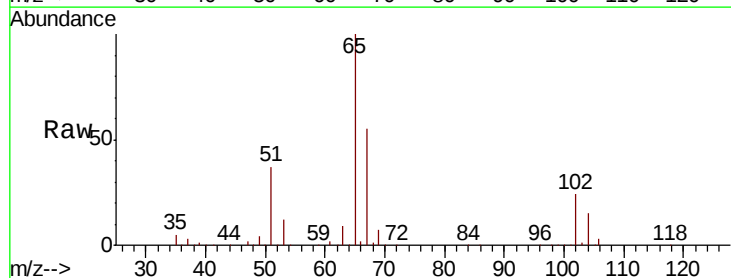
Instrument :
MSVOA_X
ClientSampleId :
T27-COMP

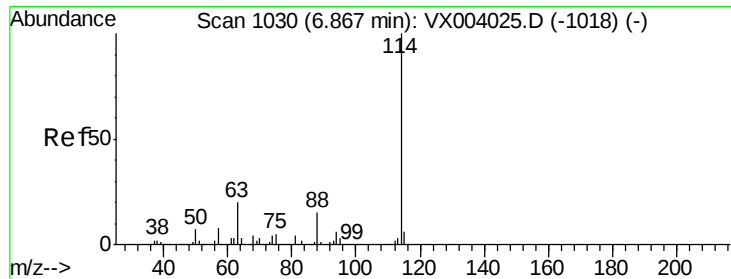
Tot Ion: 83 Resp: 10854
Ion Ratio Lower Upper
83 100
85 69.4 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 50.65 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004177.D
Acq: 21 Aug 2018 15:51

Tgt Ion: 65 Resp: 218453
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX004177.D

Acq: 21 Aug 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

T27-COMP

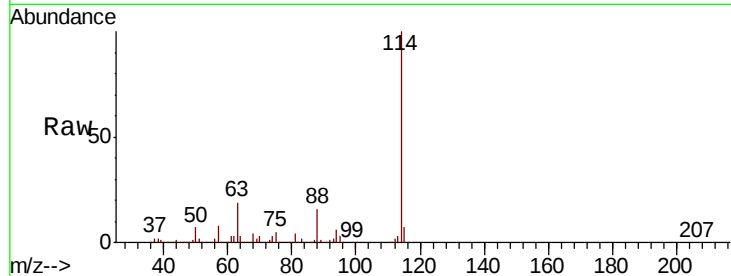
Tot Ion:114 Resp: 501556

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

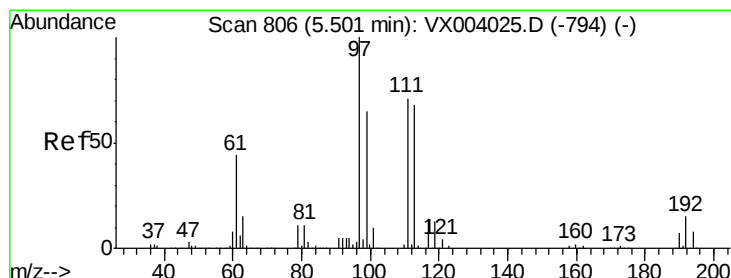
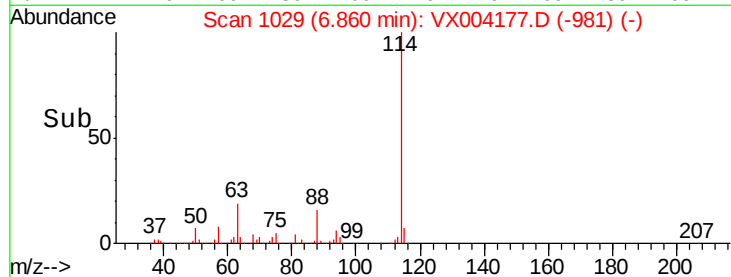
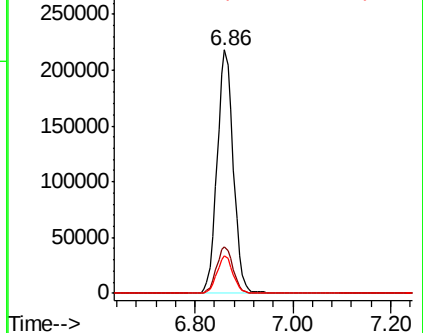
88 15.5 0.0 32.0



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: 49.26 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004177.D

Acq: 21 Aug 2018 15:51

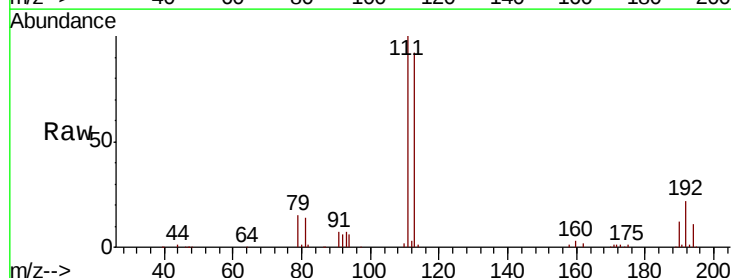
Tgt Ion:113 Resp: 184907

Ion Ratio Lower Upper

113 100

111 104.4 82.0 123.0

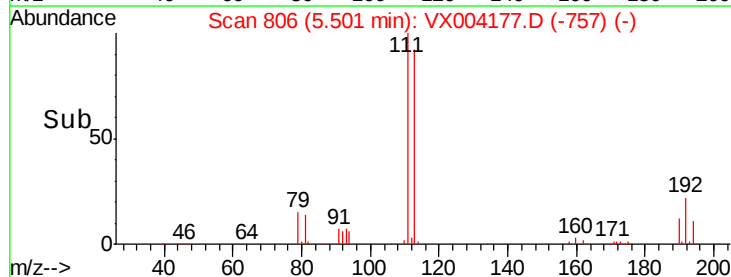
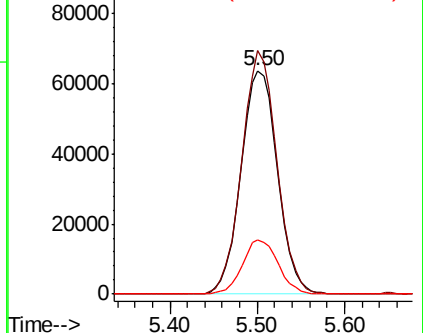
192 23.7 19.0 28.4

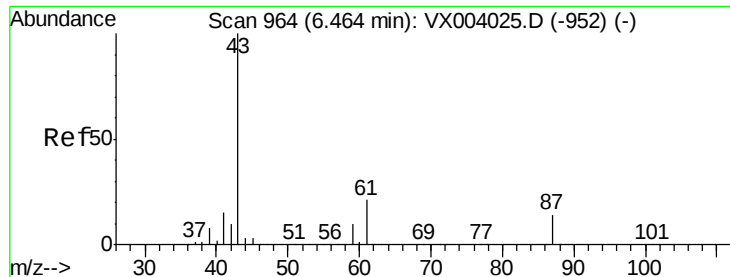


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 18.23 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004177.D

Acq: 21 Aug 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

T27-COMP

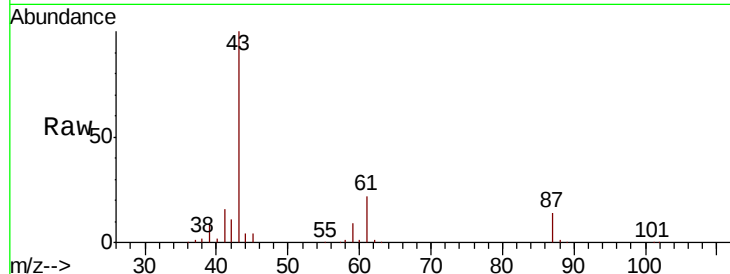
Tot Ion: 43 Resp: 166967

Ion Ratio Lower Upper

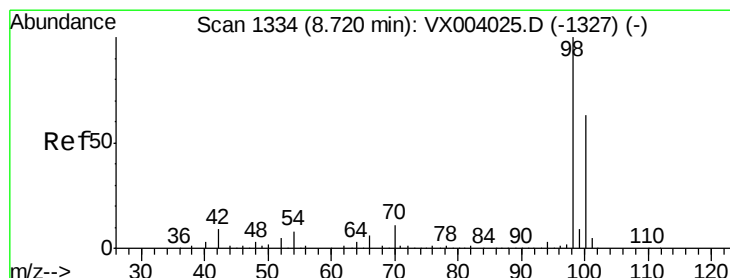
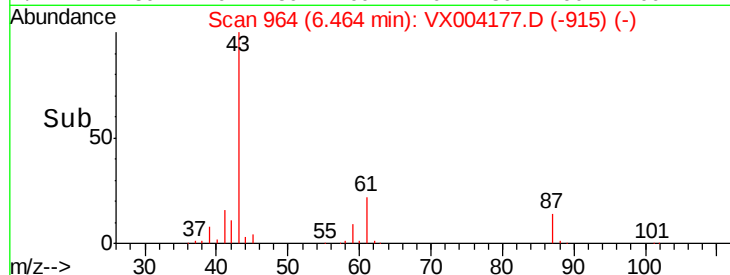
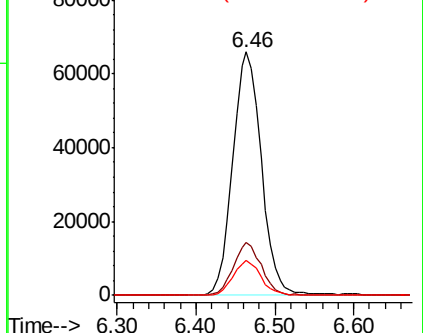
43 100

61 21.1 16.9 25.3

87 13.8 11.3 16.9



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: 45.04 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004177.D

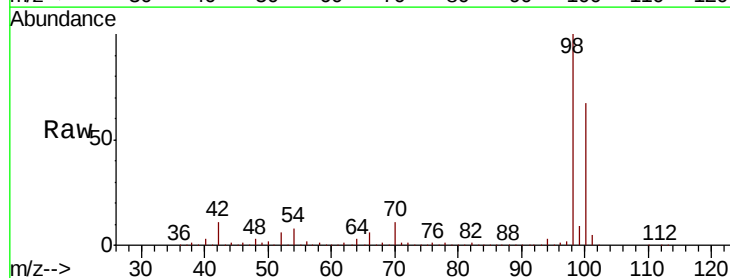
Acq: 21 Aug 2018 15:51

Tgt Ion: 98 Resp: 685472

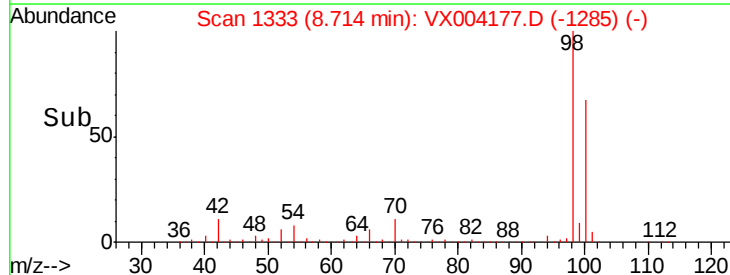
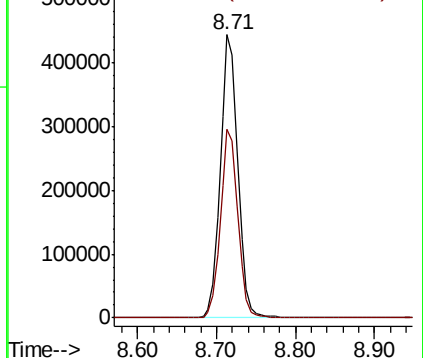
Ion Ratio Lower Upper

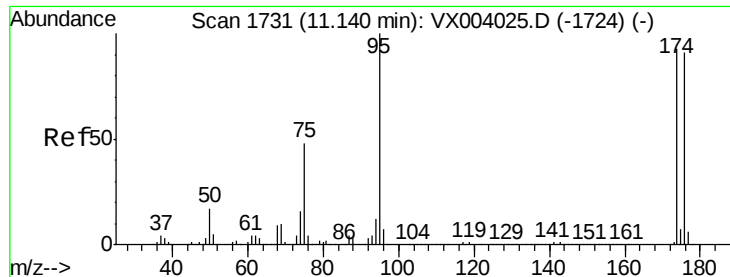
98 100

100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 37.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004177.D

Acq: 21 Aug 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

T27-COMP

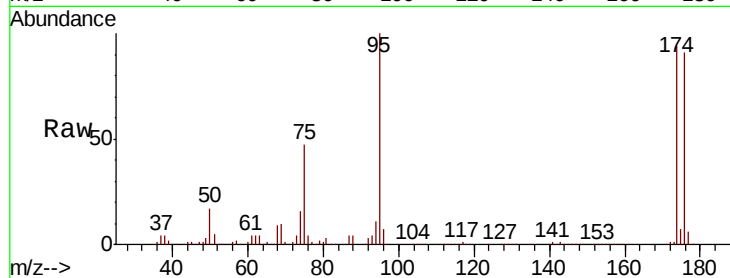
Tot Ion: 95 Resp: 208698

Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.8

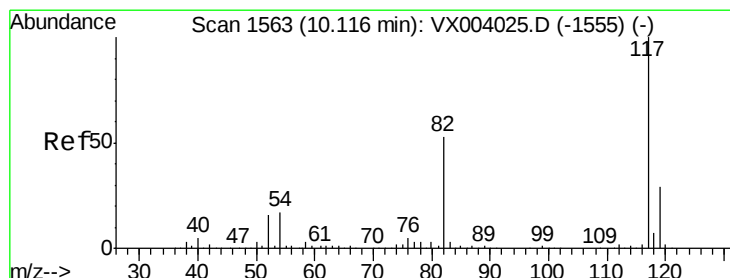
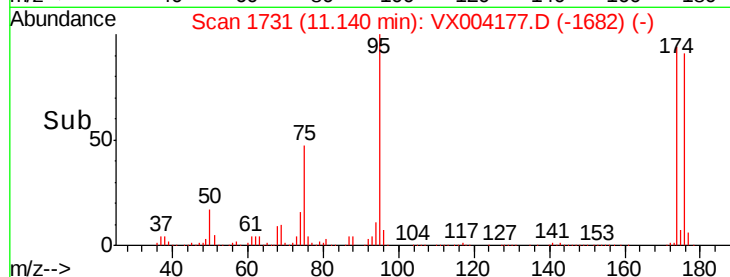
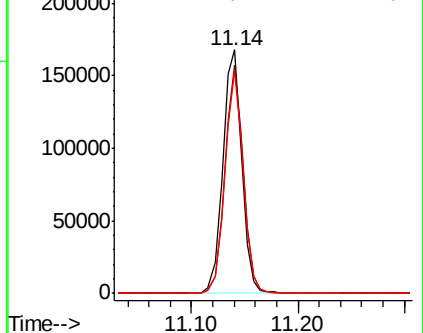
176 88.2 0.0 179.0



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. -0.00 min

Lab File: VX004177.D

Acq: 21 Aug 2018 15:51

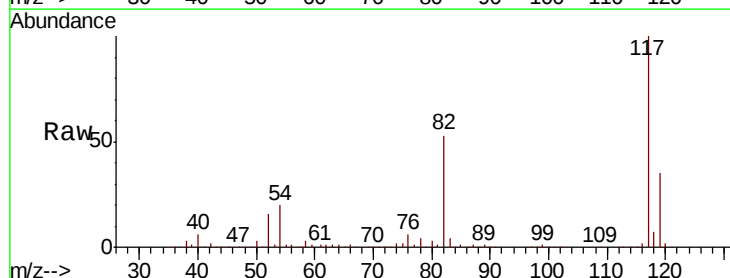
Tgt Ion: 117 Resp: 445916

Ion Ratio Lower Upper

117 100

82 52.7 45.4 68.0

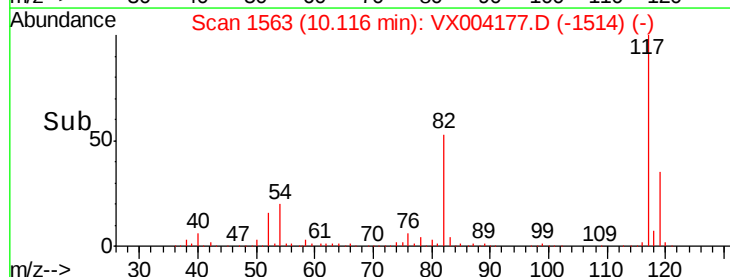
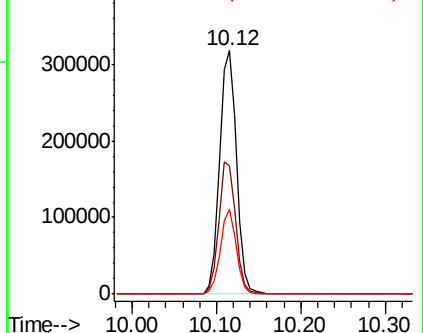
119 35.1 26.6 40.0

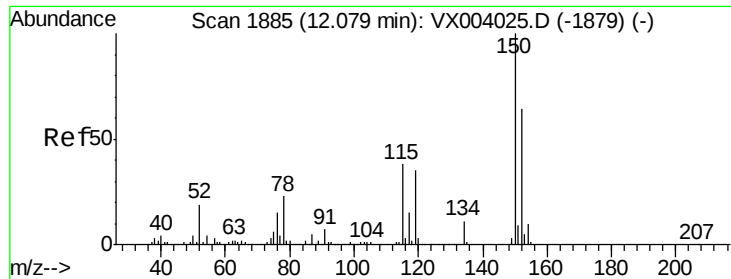


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



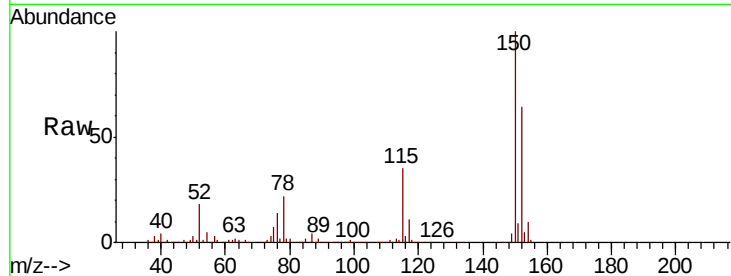


#72

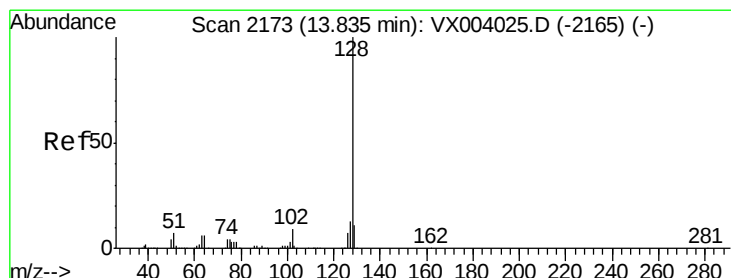
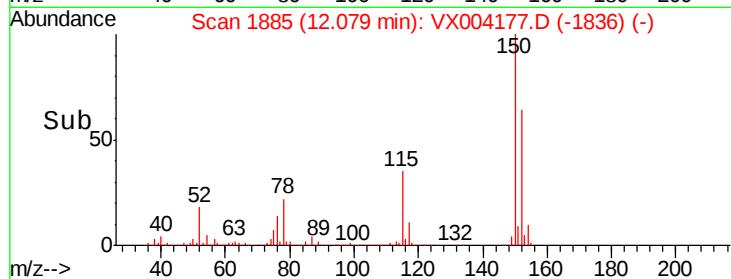
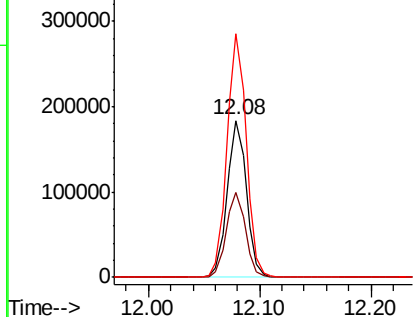
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004177.D
Acq: 21 Aug 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
T27-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.1	117.3
150	155.5	0.0	349.2



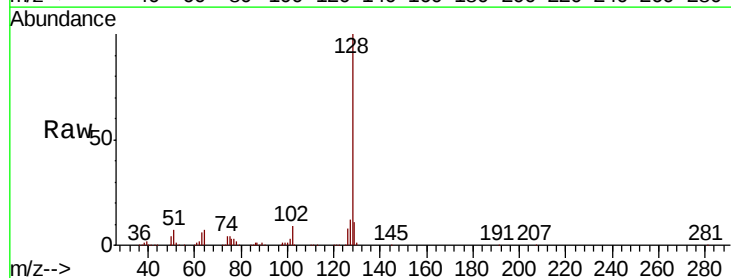
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 8.49 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004177.D
Acq: 21 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.5	8.8	13.2



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

