

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012073.D
 Acq On : 05 Sep 2019 01:57
 Operator : SY/SP
 Sample : K4545-05
 Misc : 3.54g/5.0mL/MSVOA X/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E2-(2.25)

Quant Time: Sep 05 06:05:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

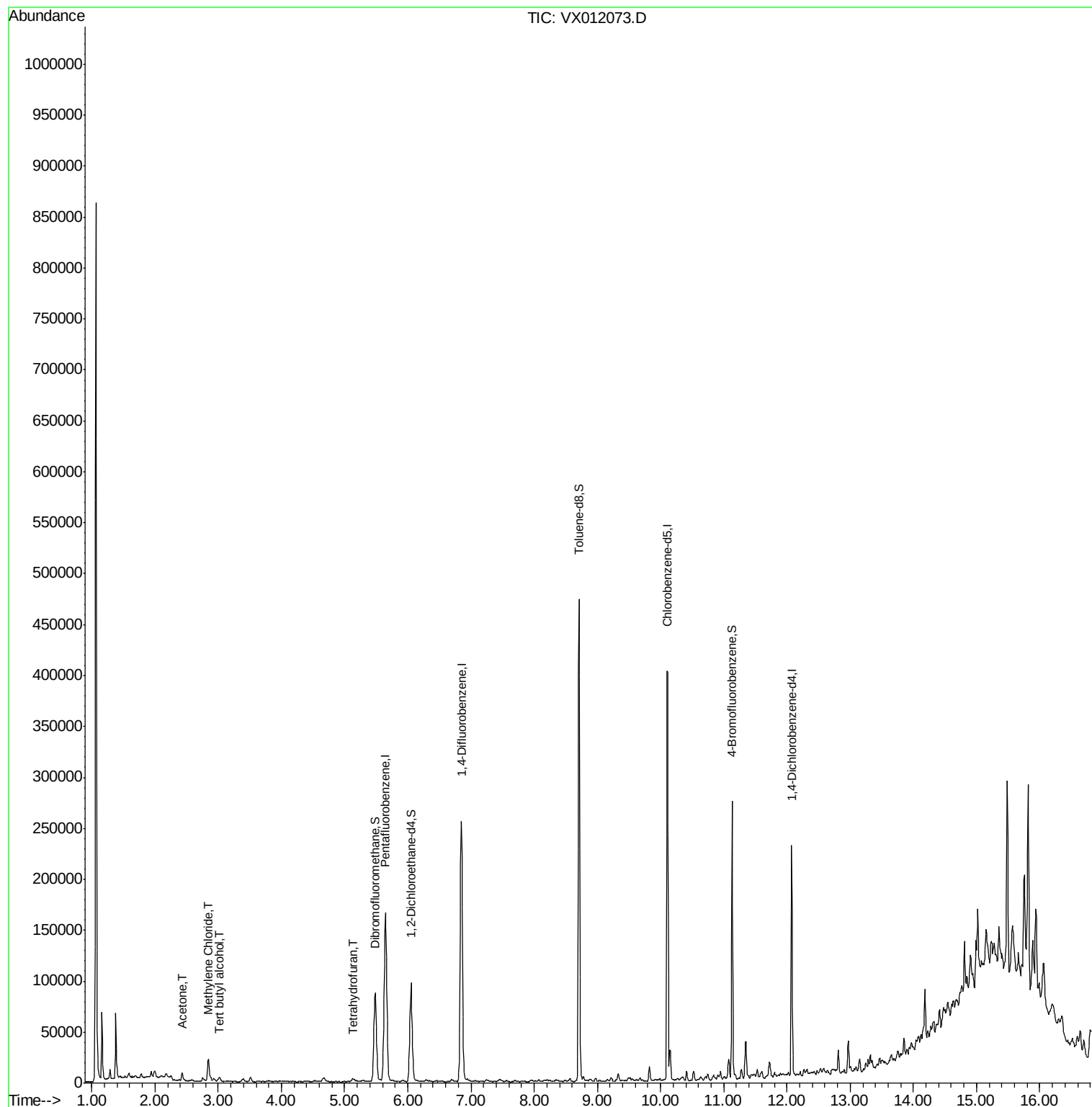
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	140735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	178876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	41318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	96848	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.48	113	73875	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	8.71	98	268349	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.14	95	76764	29.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.40%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	4800	25.735	ug/l	95
16) Acetone	2.43	43	8854	19.076	ug/l	93
20) Methylene Chloride	2.84	84	10070	5.403	ug/l	97
29) Tetrahydrofuran	5.13	42	2482	6.972	ug/l	95

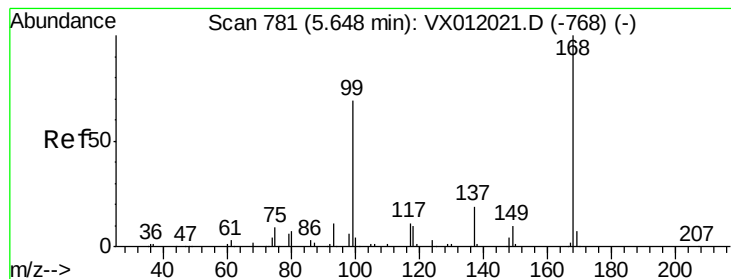
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012073.D

Acq: 05 Sep 2019 01:57

Instrument :

MSVOA_X

ClientSampleId :

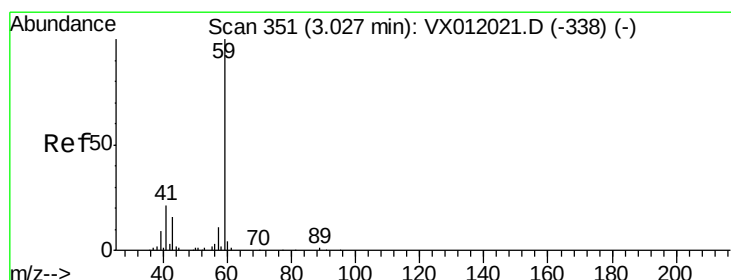
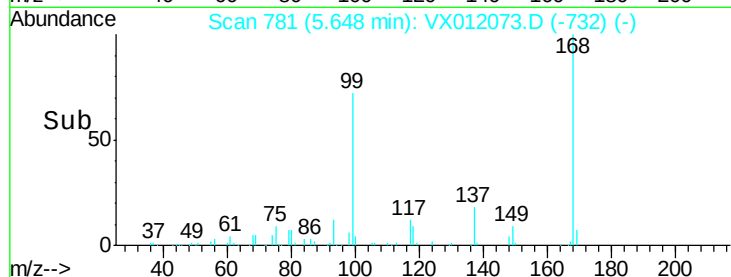
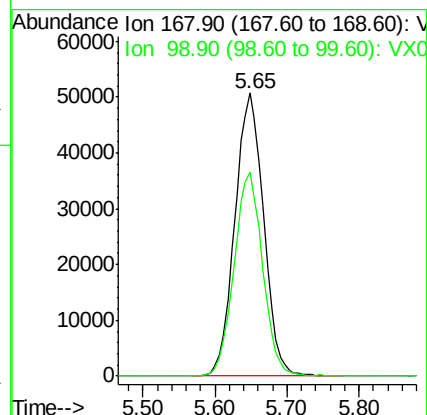
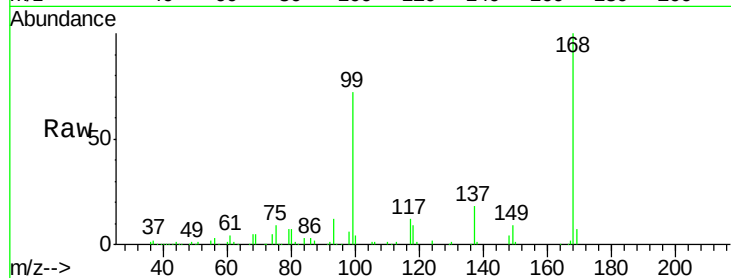
T16-17-E2-(2.25)

Tot Ion:168 Resp: 140735

Ion Ratio Lower Upper

168 100

99 72.0 37.6 56.4#



#11

Tert butyl alcohol

Concen: 25.735 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX012073.D

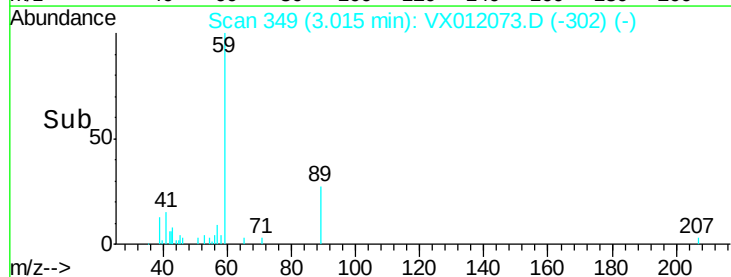
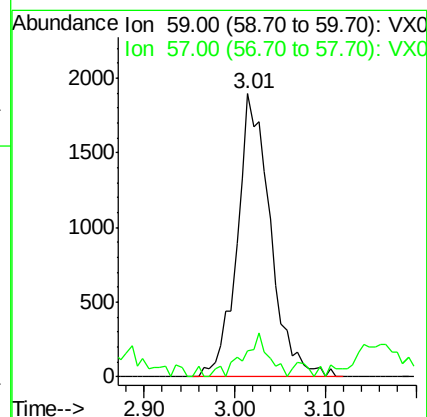
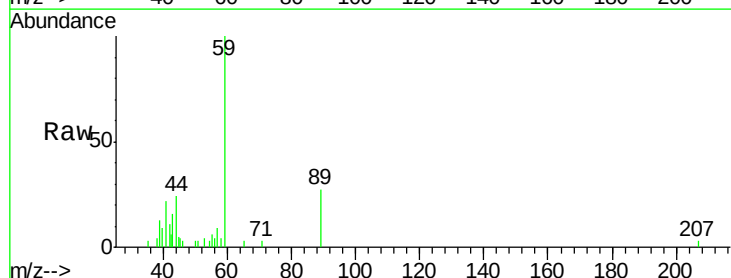
Acq: 05 Sep 2019 01:57

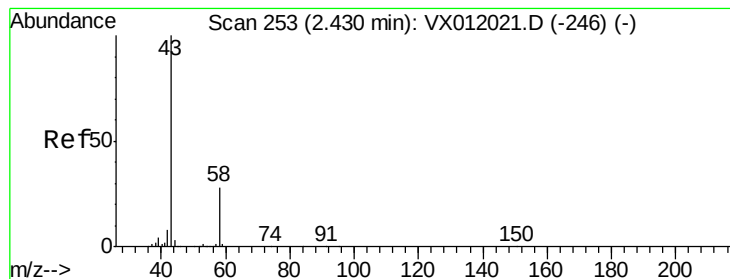
Tgt Ion: 59 Resp: 4800

Ion Ratio Lower Upper

59 100

57 11.8 7.9 11.9





#16

Acetone

Concen: 19.076 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012073.D

Acq: 05 Sep 2019 01:57

Instrument :

MSVOA_X

ClientSampleId :

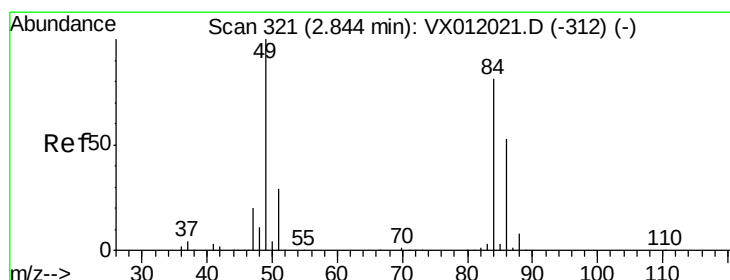
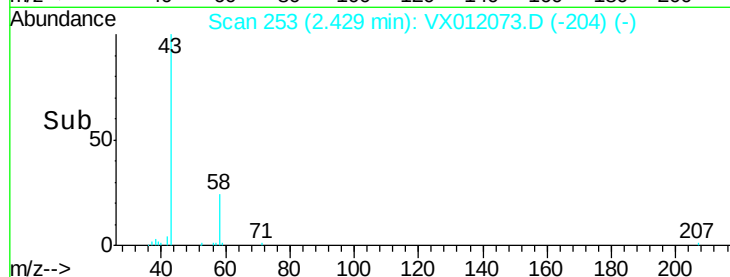
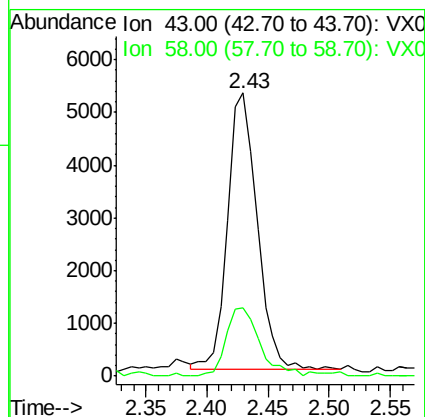
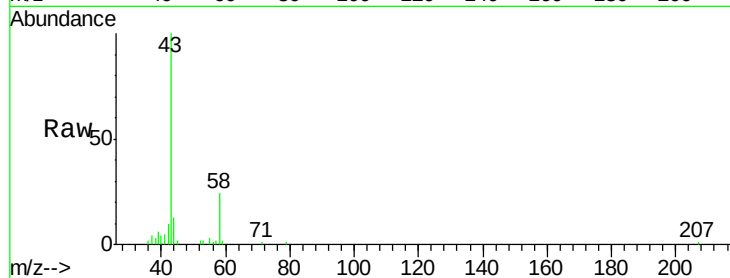
T16-17-E2-(2.25)

Tot Ion: 43 Resp: 8854

Ion Ratio Lower Upper

43 100

58 24.9 22.8 34.2



#20

Methylene Chloride

Concen: 5.403 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012073.D

Acq: 05 Sep 2019 01:57

Tgt Ion: 84 Resp: 10070

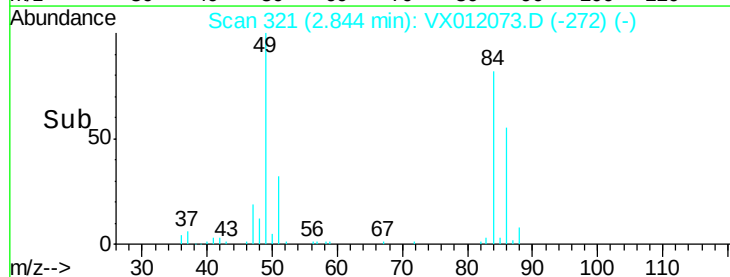
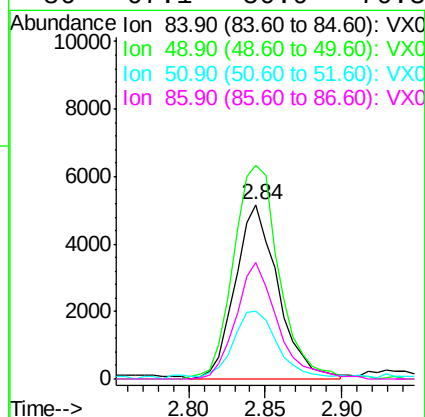
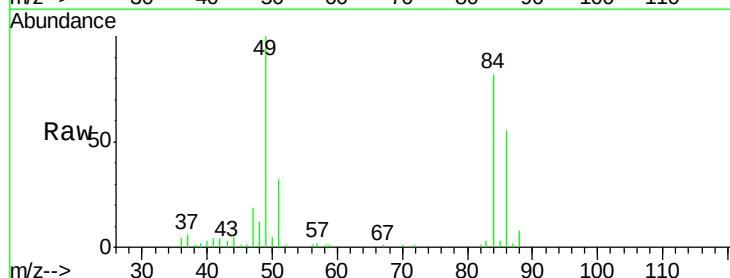
Ion Ratio Lower Upper

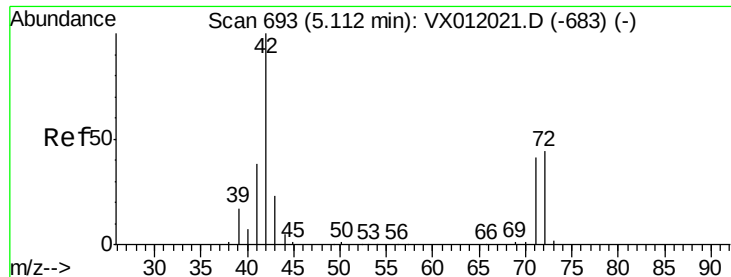
84 100

49 121.3 95.8 143.8

51 37.8 28.6 43.0

86 67.1 50.9 76.3

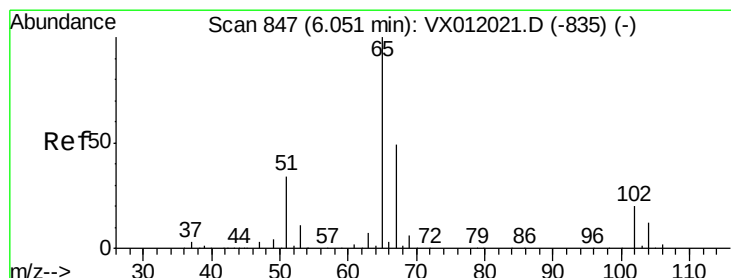
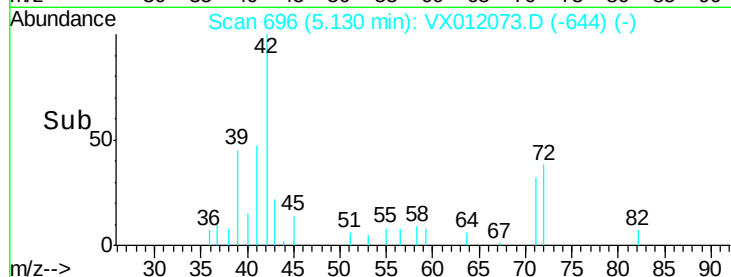
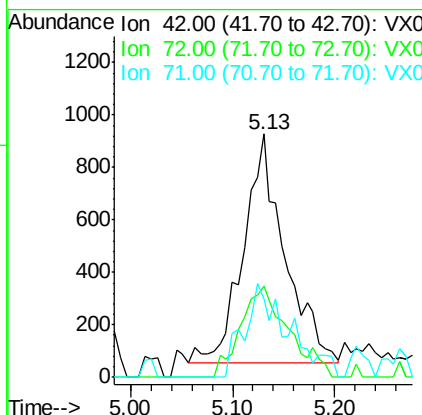
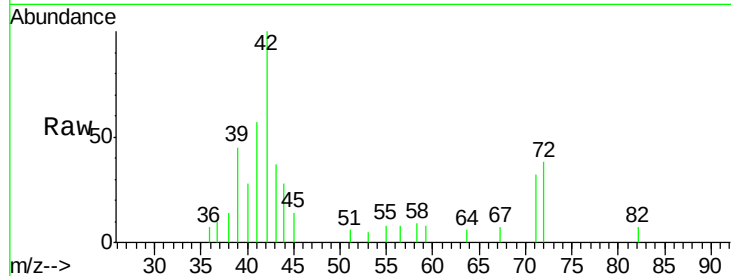




#29
Tetrahydrofuran
Concen: 6.972 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012073.D
Acq: 05 Sep 2019 01:57

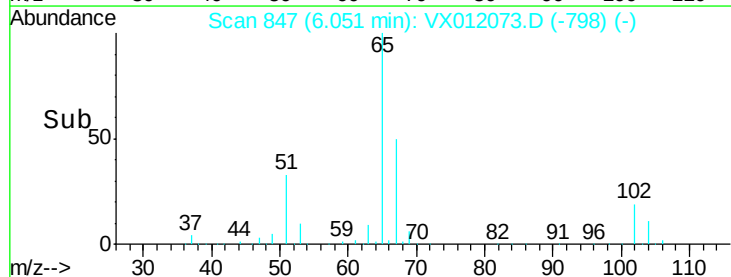
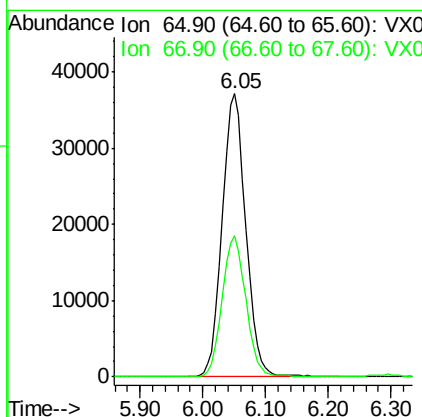
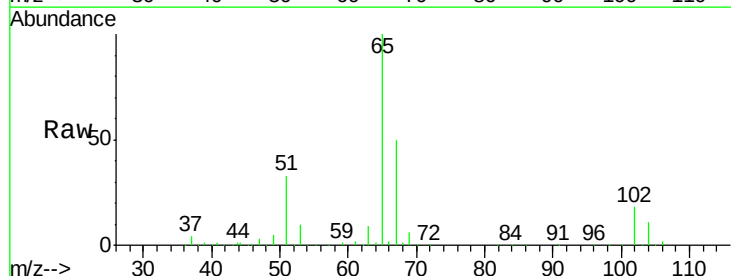
Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(2.25)

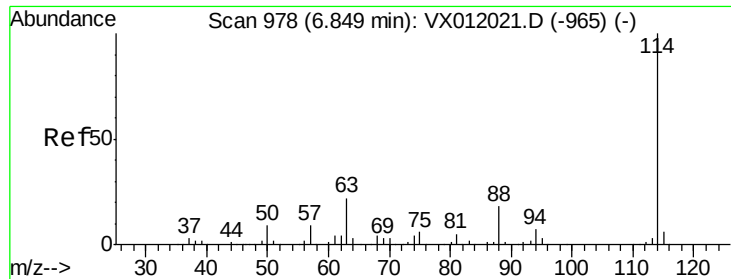
Tot Ion: 42 Resp: 2482
Ion Ratio Lower Upper
42 100
72 42.4 37.0 55.4
71 39.7 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.874 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012073.D
Acq: 05 Sep 2019 01:57

Tgt Ion: 65 Resp: 96848
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.0

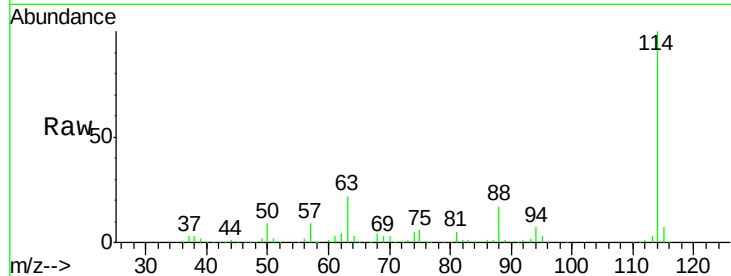




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012073.D
 Acq: 05 Sep 2019 01:57

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E2-(2.25)

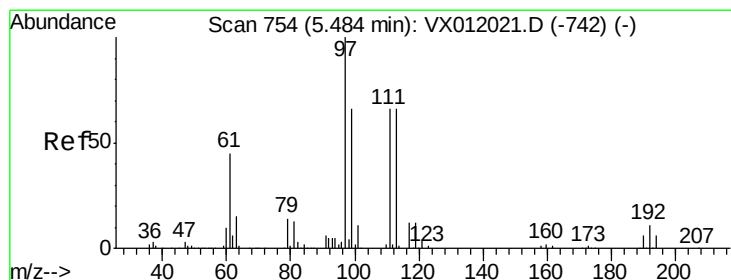
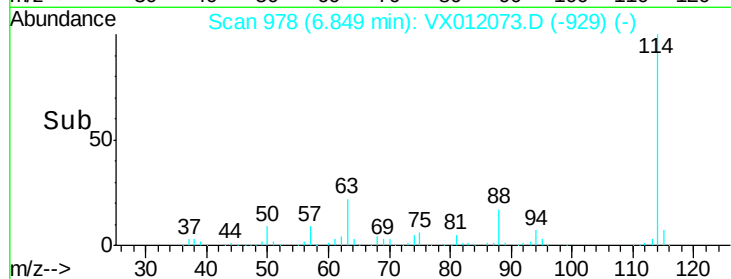
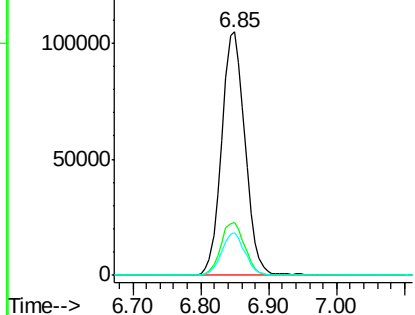
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	37.4
88	17.4	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

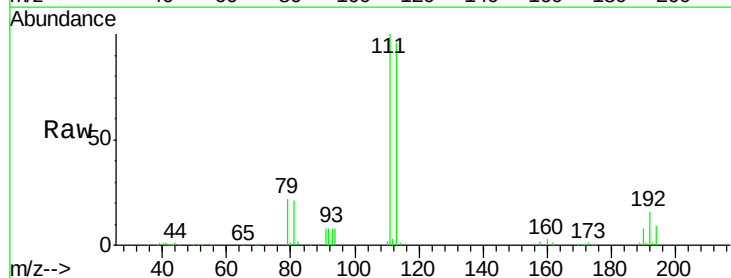
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 47.953 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012073.D
 Acq: 05 Sep 2019 01:57

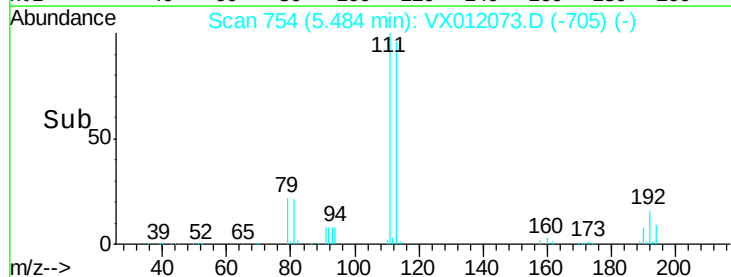
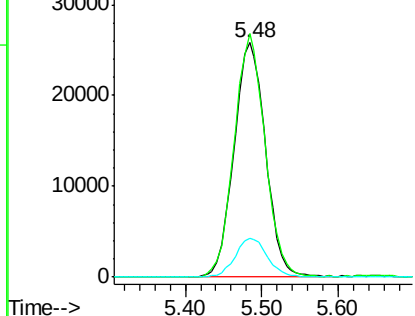
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.7	122.5
192	16.9	22.5	33.7#

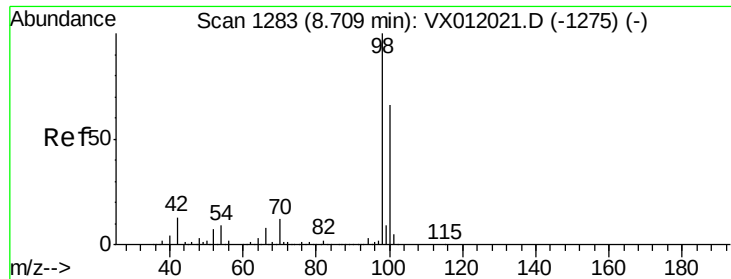


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

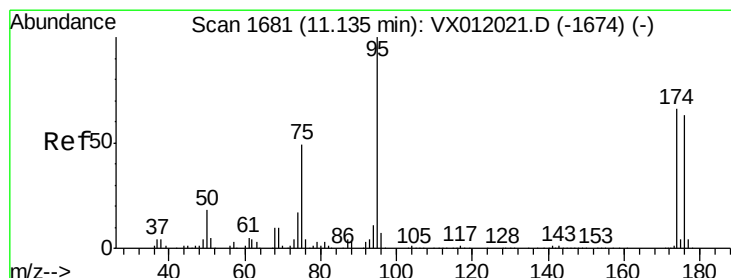
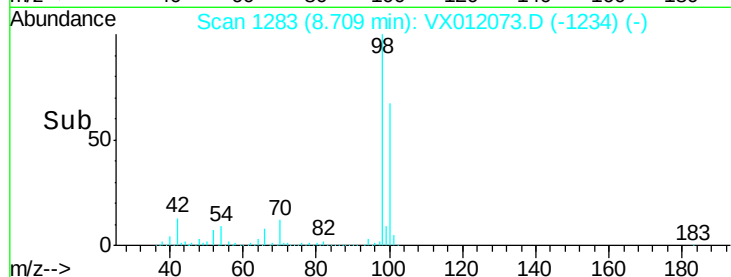
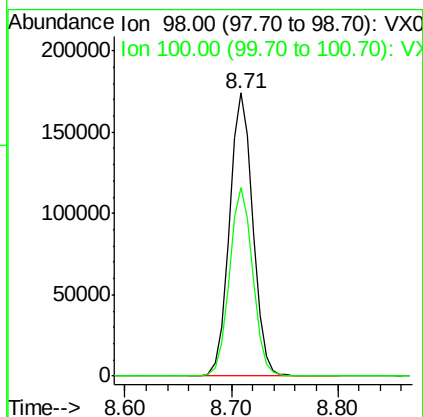
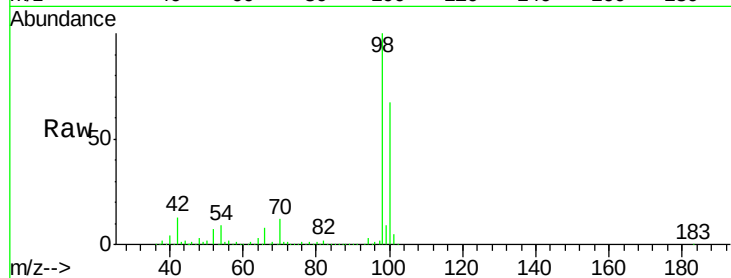




#50
Toluene-d8
Concen: 47.468 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012073.D
Acq: 05 Sep 2019 01:57

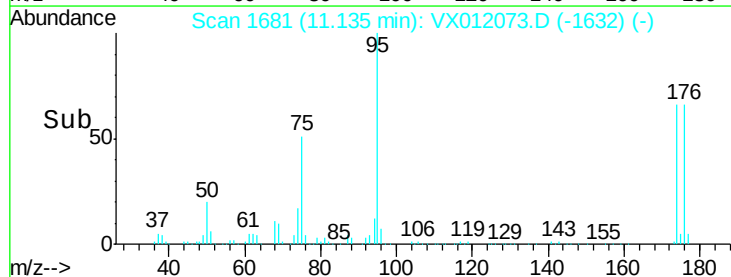
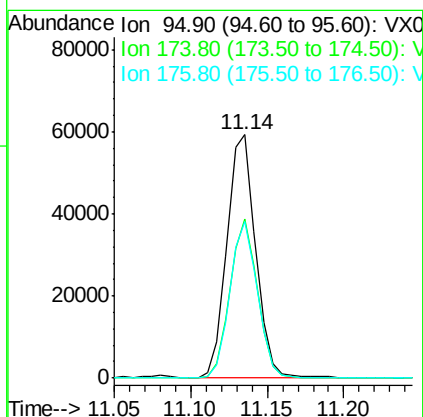
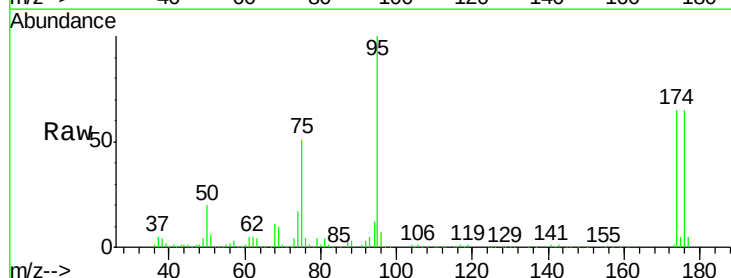
Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(2.25)

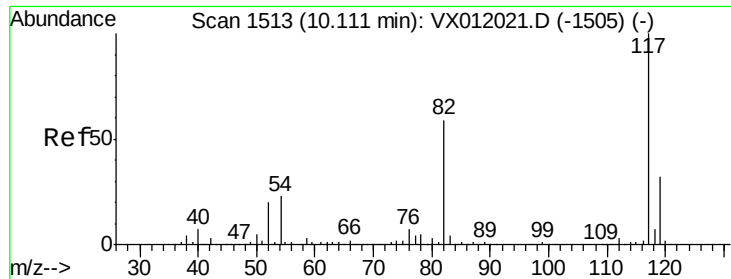
Tot Ion: 98 Resp: 268349
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 29.198 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012073.D
Acq: 05 Sep 2019 01:57

Tgt Ion: 95 Resp: 76764
Ion Ratio Lower Upper
95 100
174 63.1 0.0 205.4
176 62.0 0.0 201.8

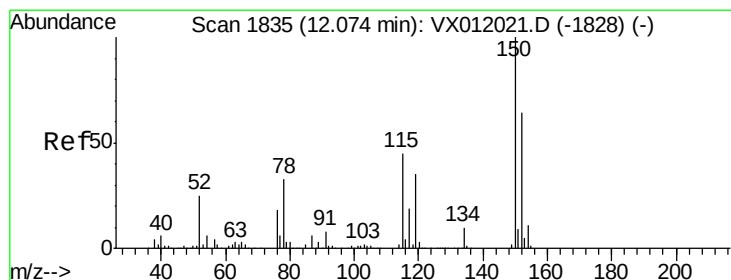
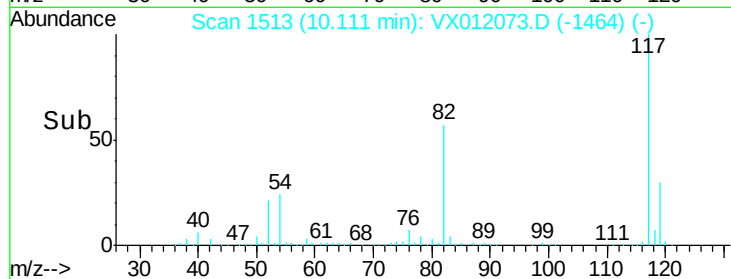
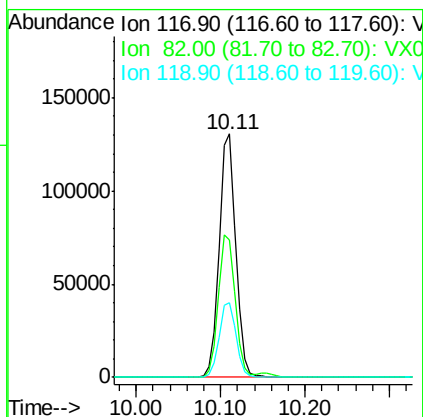
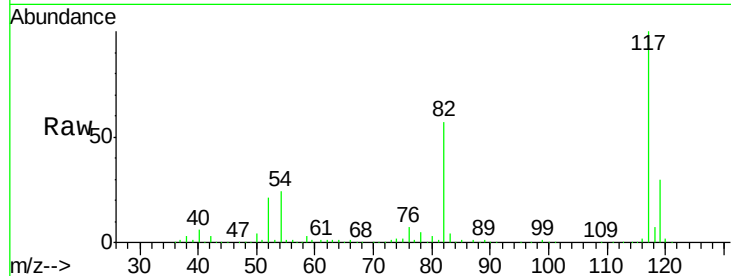




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012073.D
Acq: 05 Sep 2019 01:57

Instrument :
MSVOA_X
ClientSampled :
T16-17-E2-(2.25)

Tot Ion:117 Resp: 178876
Ion Ratio Lower Upper
117 100
82 56.7 39.4 59.0
119 30.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012073.D
Acq: 05 Sep 2019 01:57

Tgt Ion:152 Resp: 41318
Ion Ratio Lower Upper
152 100
115 64.9 36.4 109.3
150 155.3 0.0 341.2

