

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012107.D
 Acq On : 05 Sep 2019 18:06
 Operator : SY/SP
 Sample : K4545-06RE
 Misc : 5.14g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(2.25)RE

Quant Time: Sep 06 05:44:09 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	142841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	171801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	43780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	96923	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	5.48	113	74041	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.71	98	277706	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.14	95	73866	28.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.64%	

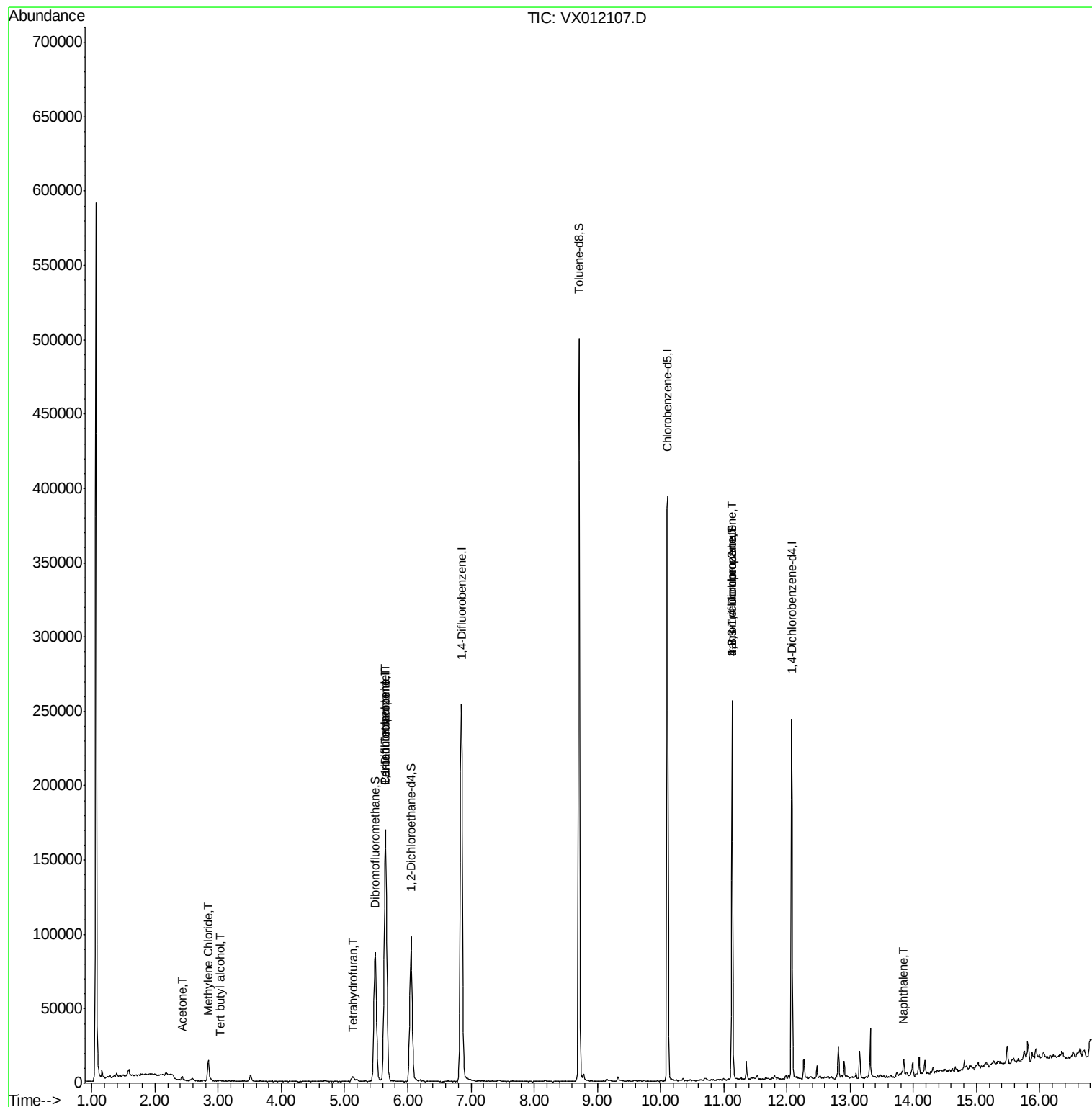
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	634	3.349	ug/l #	92
13) Acrolein	2.24	56	99	Below Cal	#	45
16) Acetone	2.43	43	2967	6.298	ug/l	100
20) Methylene Chloride	2.84	84	6444	3.406	ug/l	97
29) Tetrahydrofuran	5.13	42	3536	9.787	ug/l #	90
36) 1,1-Dichloropropene	5.65	75	13364	6.213	ug/l #	50
38) Carbon Tetrachloride	5.64	117	16688	7.362	ug/l #	13
76) 1,2,3-Trichloropropane	11.14	75	38950	72.814	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	38950	172.143	ug/l #	10
95) Naphthalene	13.83	128	2058	1.030	ug/l #	96

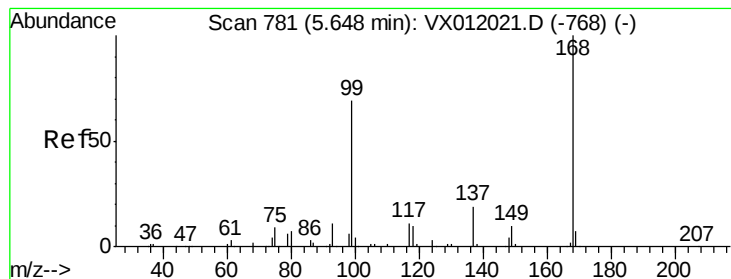
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012107.D
Acq On : 05 Sep 2019 18:06
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Sample : K4545-06RE
Misc : 5.14g/5.0mL/MSVOA_X/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E3-(2.25)RE

Quant Time: Sep 06 05:44:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
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: VX012107.D

Acq: 05 Sep 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

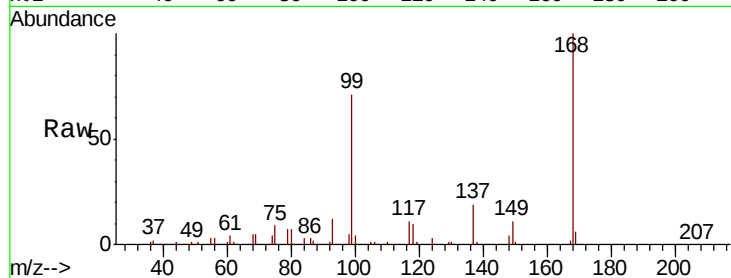
T16-17-E3-(2.25)RE

Tgt Ion:168 Resp: 142841

Ion Ratio Lower Upper

168 100

99 71.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

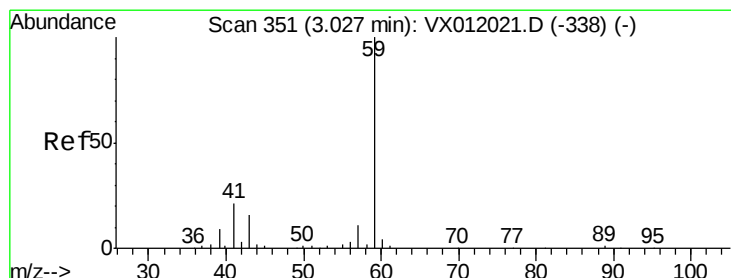
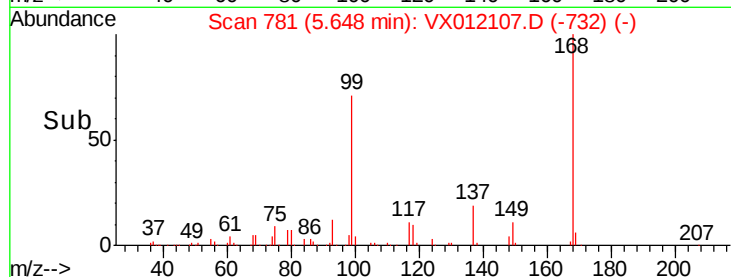
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 3.349 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX012107.D

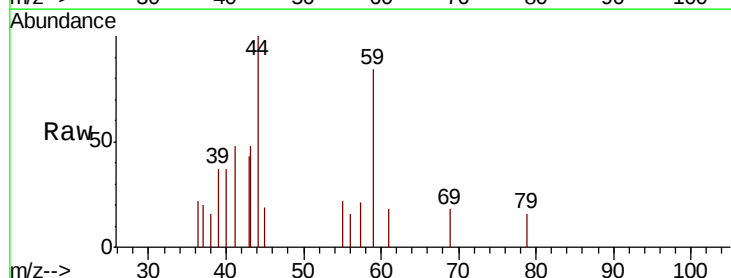
Acq: 05 Sep 2019 18:06

Tgt Ion: 59 Resp: 634

Ion Ratio Lower Upper

59 100

57 6.9 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

300

250

200

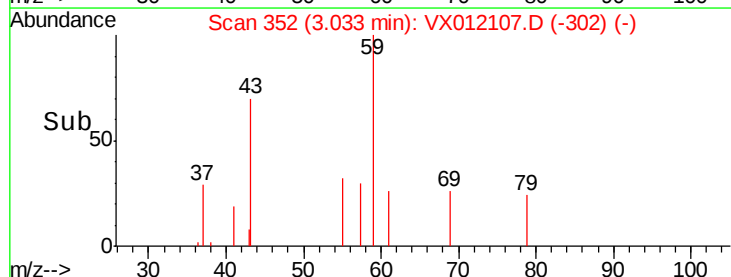
150

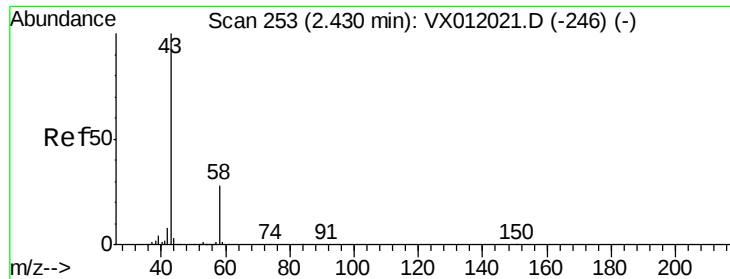
100

50

0

Time--> 2.95 3.00 3.05 3.10

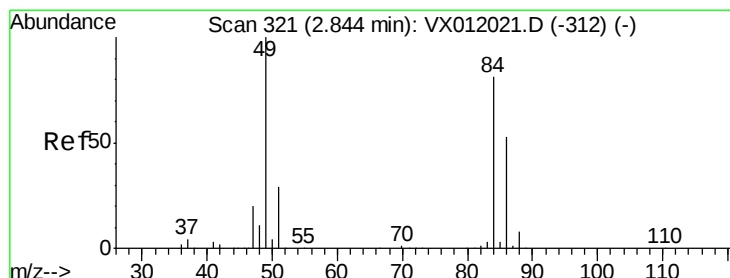
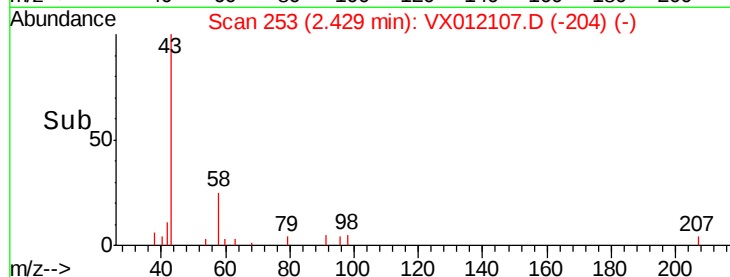
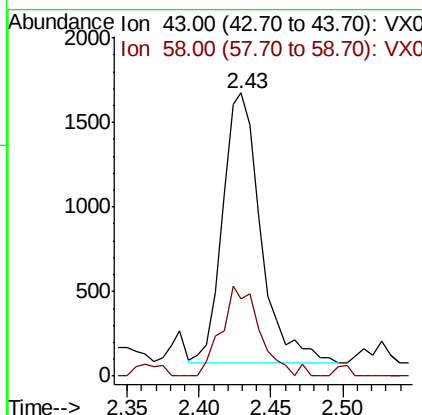
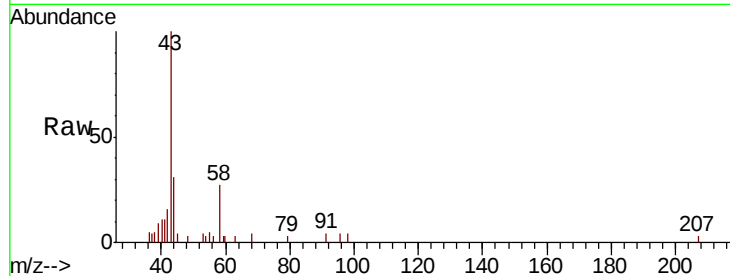




#16
Acetone
Concen: 6.298 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012107.D
Acq: 05 Sep 2019 18:06

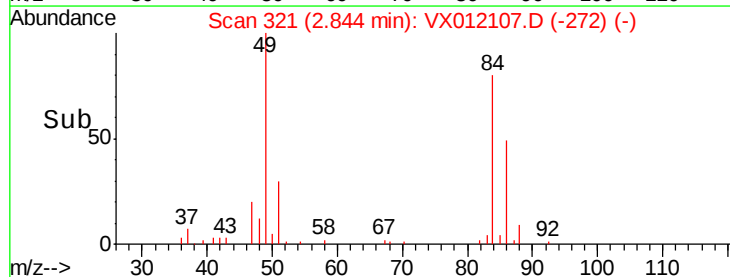
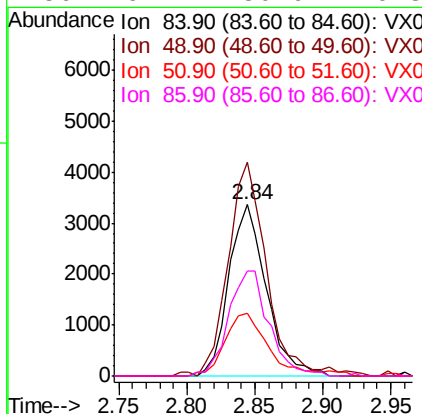
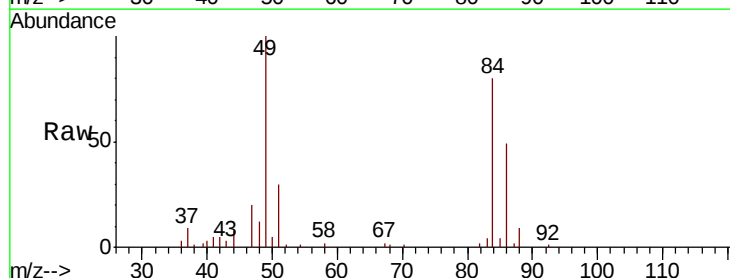
Instrument :
MSVOA_X
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T16-17-E3-(2.25)RE

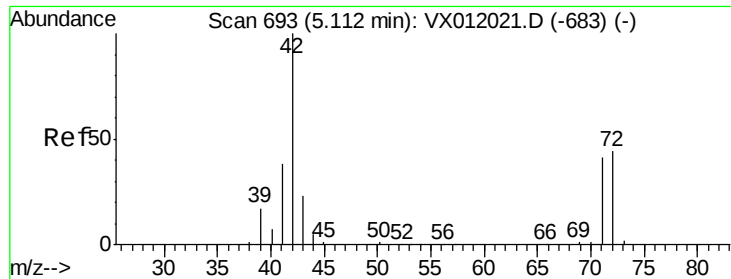
Tgt Ion: 43 Resp: 2967
Ion Ratio Lower Upper
43 100
58 28.6 22.8 34.2



#20
Methylene Chloride
Concen: 3.406 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012107.D
Acq: 05 Sep 2019 18:06

Tgt Ion: 84 Resp: 6444
Ion Ratio Lower Upper
84 100
49 122.8 95.8 143.8
51 36.9 28.6 43.0
86 61.4 50.9 76.3

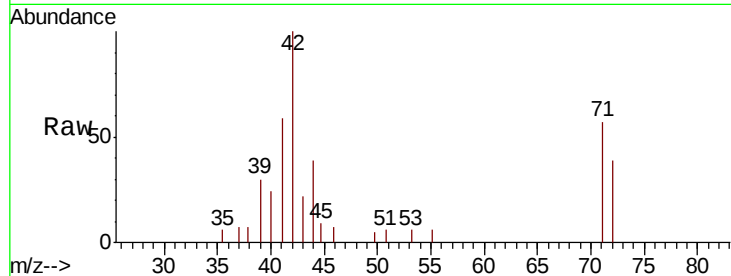




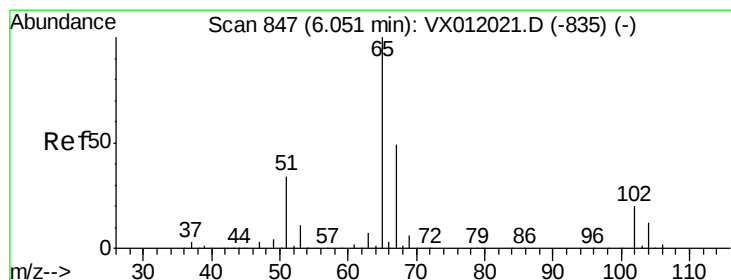
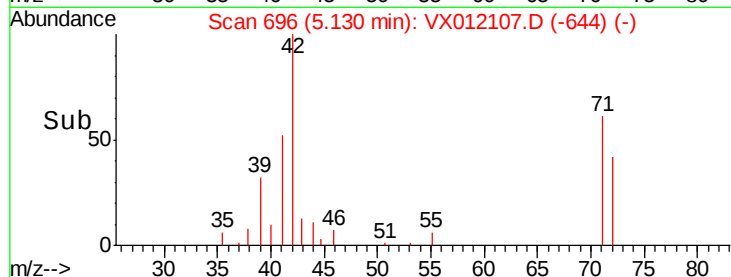
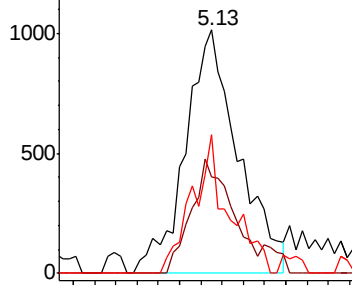
#29
Tetrahydrofuran
Concen: 9.787 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012107.D
Acq: 05 Sep 2019 18:06

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E3-(2.25)RE

Tgt Ion: 42 Resp: 3536
Ion Ratio Lower Upper
42 100
72 36.1 37.0 55.4#
71 39.4 33.8 50.8

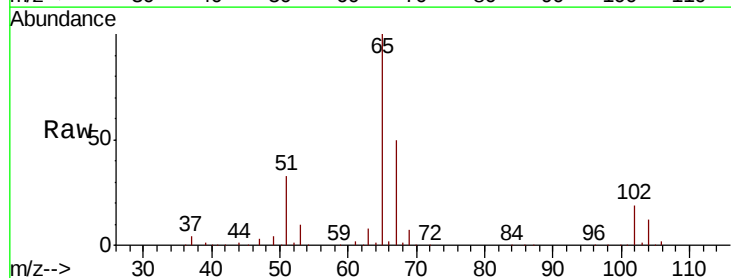


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

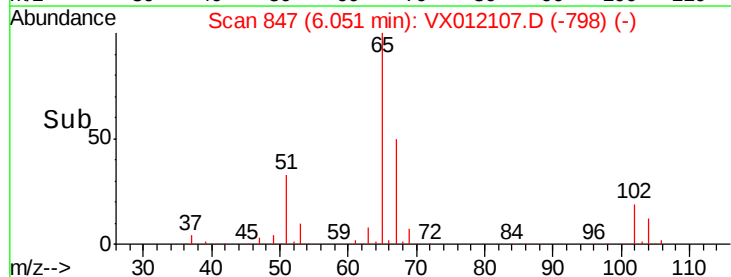
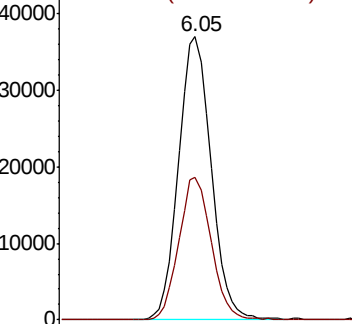


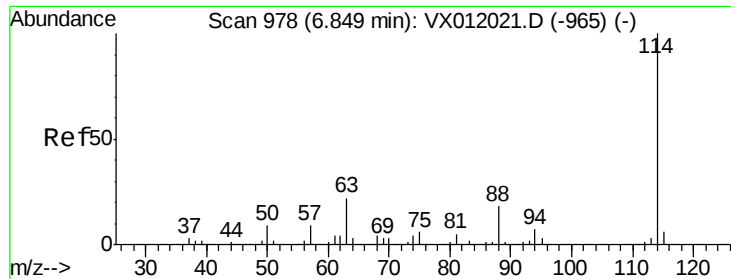
#33
1,2-Dichloroethane-d4
Concen: 49.176 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012107.D
Acq: 05 Sep 2019 18:06

Tgt Ion: 65 Resp: 96923
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

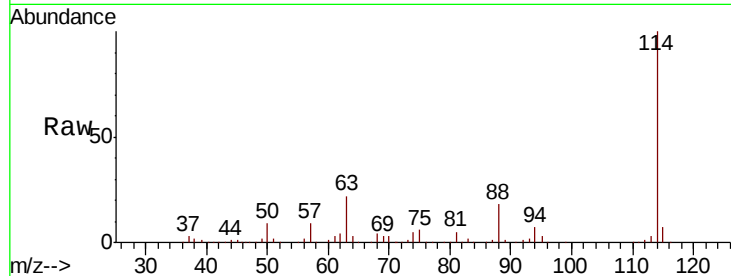




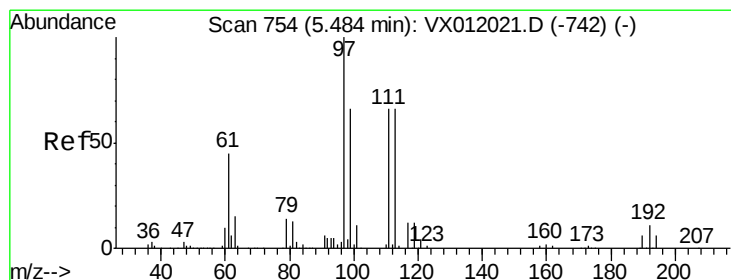
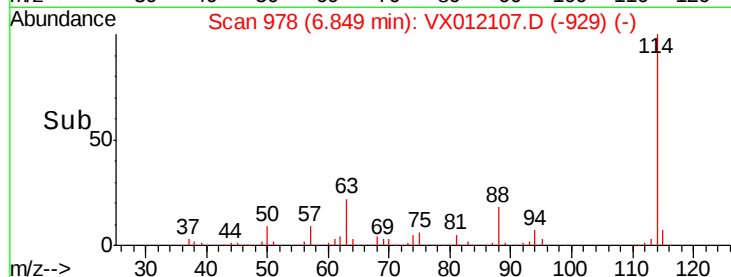
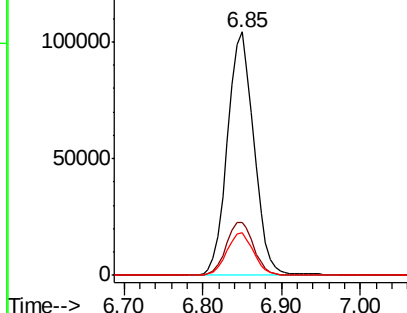
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012107.D
 Acq: 05 Sep 2019 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(2.25)RE

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	37.4
88	17.7	0.0	29.6

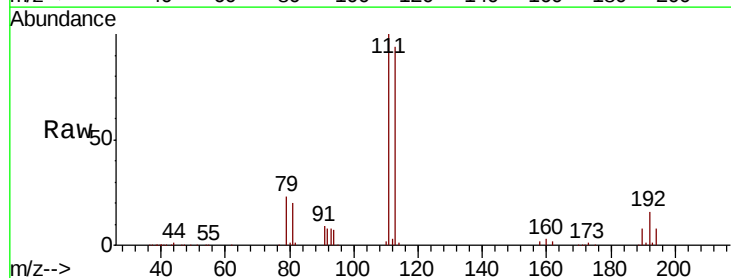


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

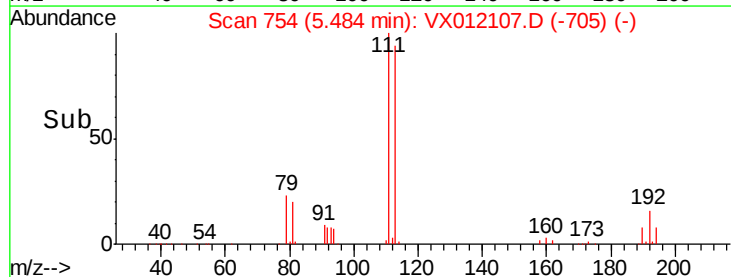
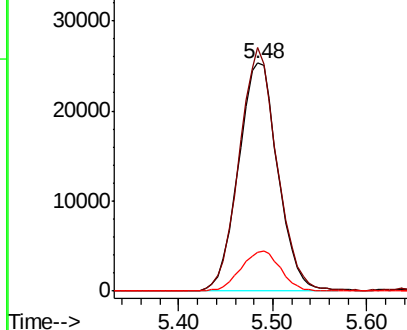


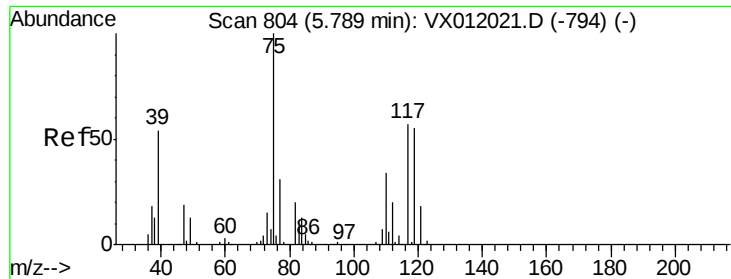
#35
 Dibromofluoromethane
 Concen: 49.295 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012107.D
 Acq: 05 Sep 2019 18:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	17.6	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

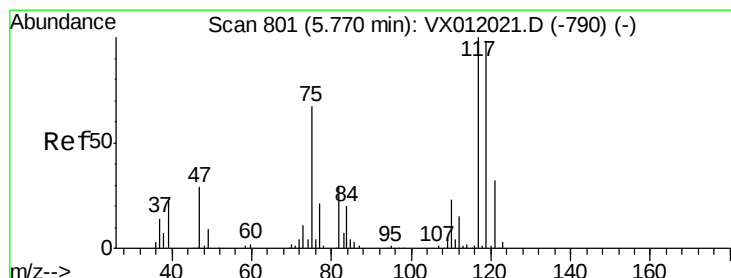
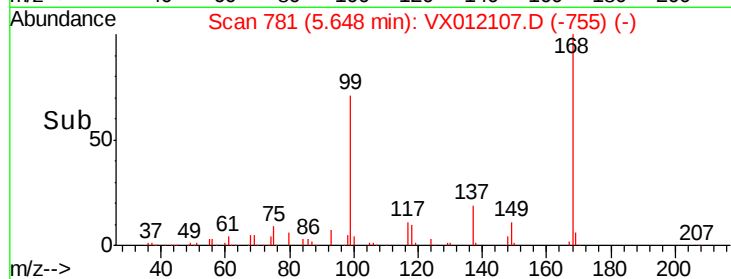
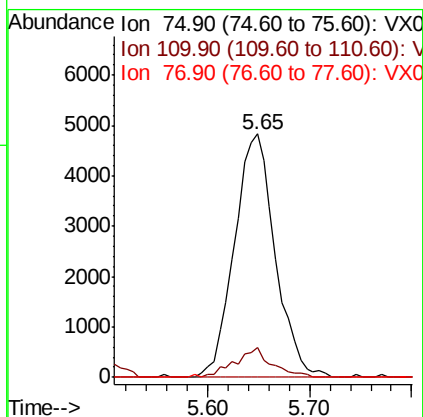
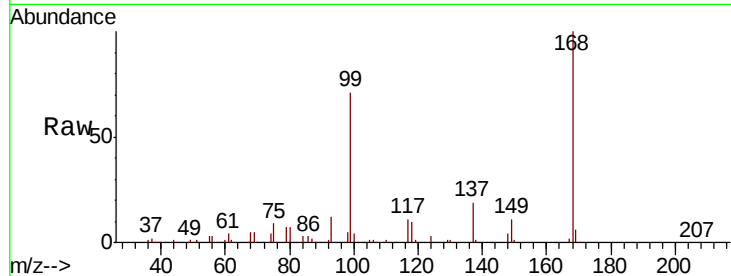




#36
 1,1-Dichloropropene
 Concen: 6.213 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012107.D
 Acq: 05 Sep 2019 18:06

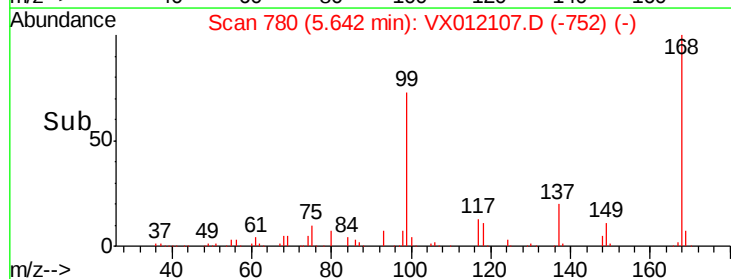
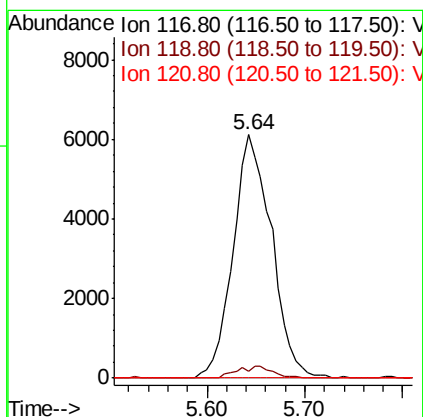
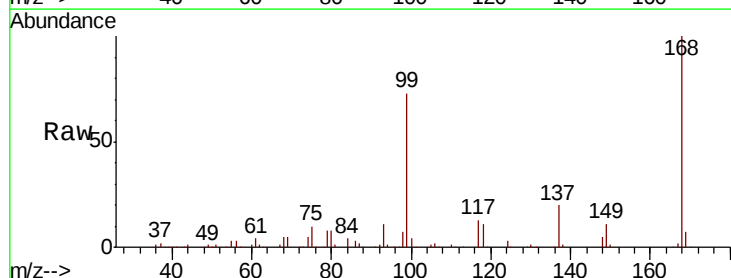
Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(2.25)RE

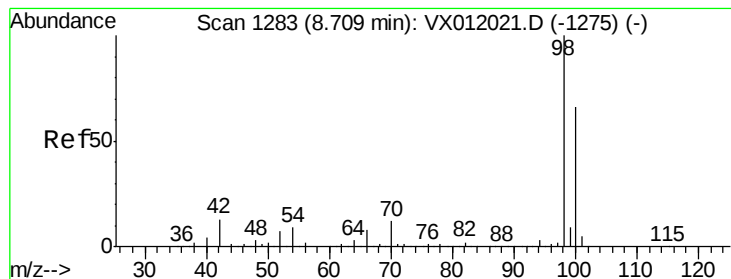
Tgt Ion: 75 Resp: 13364
 Ion Ratio Lower Upper
 75 100
 110 11.0 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.362 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012107.D
 Acq: 05 Sep 2019 18:06

Tgt Ion: 117 Resp: 16688
 Ion Ratio Lower Upper
 117 100
 119 2.8 78.3 117.5#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 50.385 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012107.D

Acq: 05 Sep 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

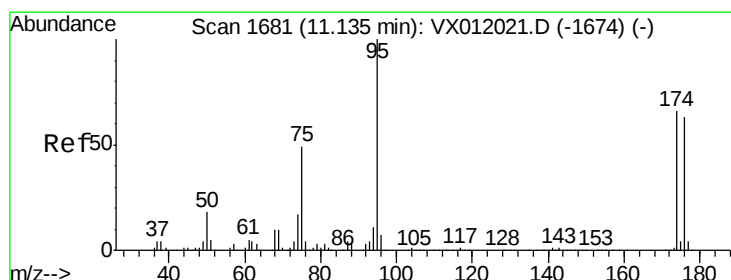
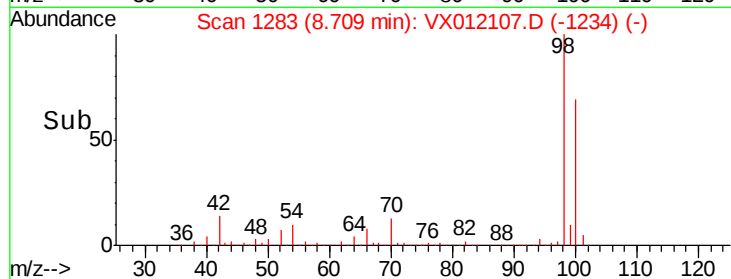
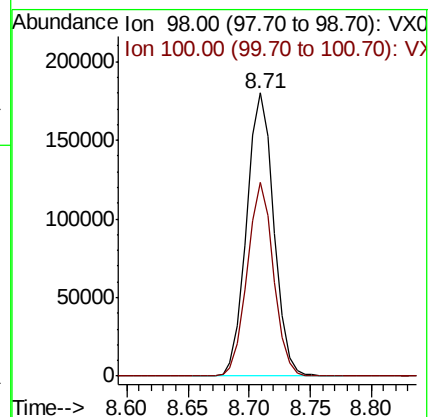
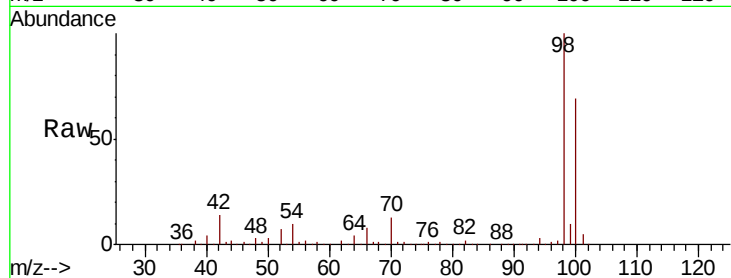
T16-17-E3-(2.25)RE

Tgt Ion: 98 Resp: 277706

Ion Ratio Lower Upper

98 100

100 66.4 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 28.817 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012107.D

Acq: 05 Sep 2019 18:06

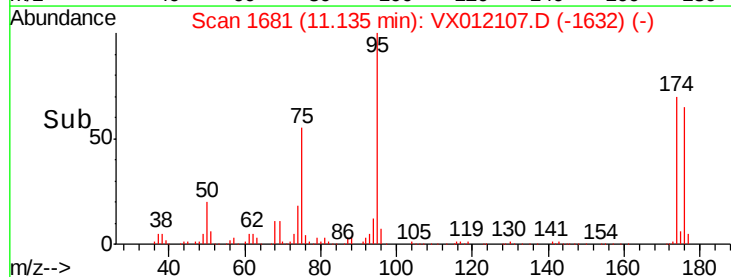
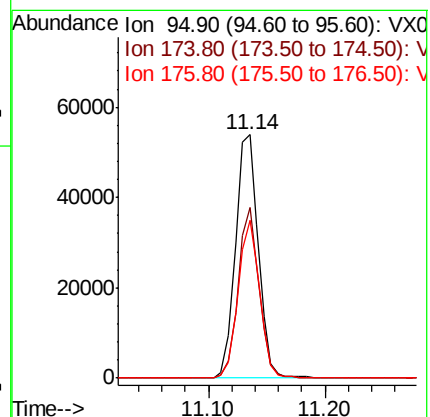
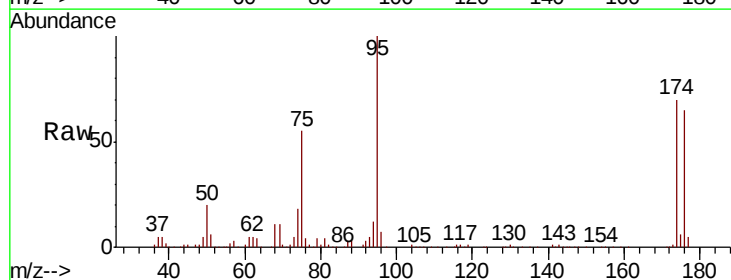
Tgt Ion: 95 Resp: 73866

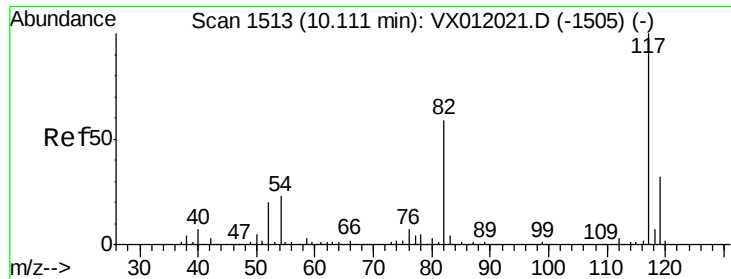
Ion Ratio Lower Upper

95 100

174 64.2 0.0 205.4

176 61.2 0.0 201.8

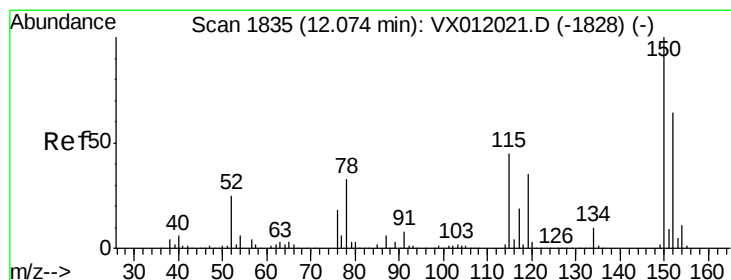
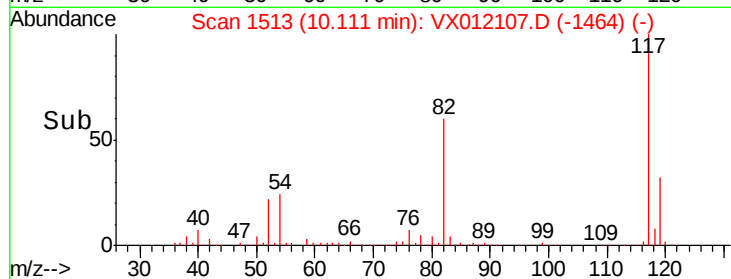
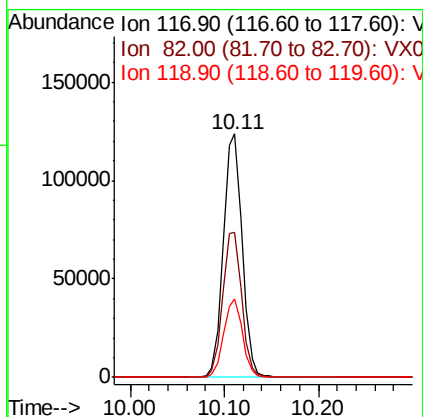
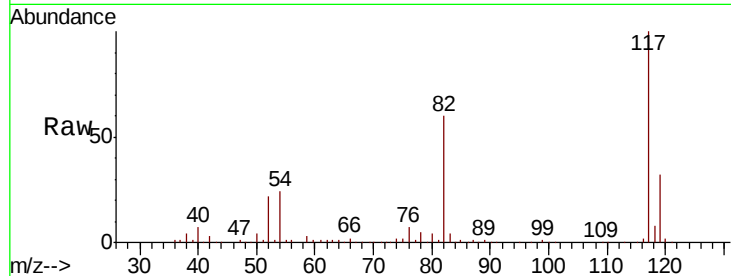




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012107.D
Acq: 05 Sep 2019 18:06

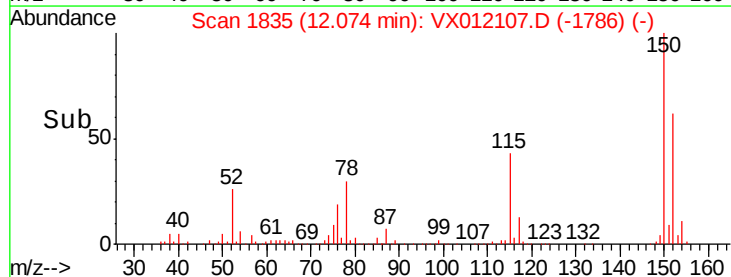
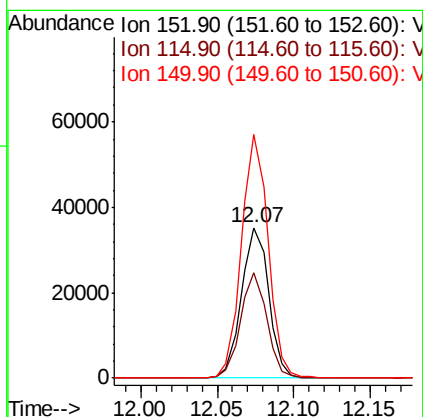
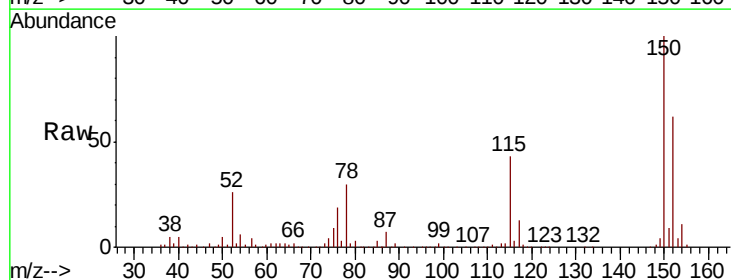
Instrument :
MSVOA_X
ClientSampleId :
T16-17-E3-(2.25)RE

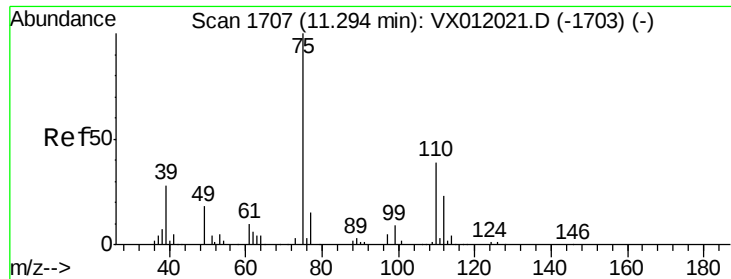
Tgt Ion:117 Resp: 171801
Ion Ratio Lower Upper
117 100
82 59.6 39.4 59.0#
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012107.D
Acq: 05 Sep 2019 18:06

Tgt Ion:152 Resp: 43780
Ion Ratio Lower Upper
152 100
115 67.6 36.4 109.3
150 158.0 0.0 341.2

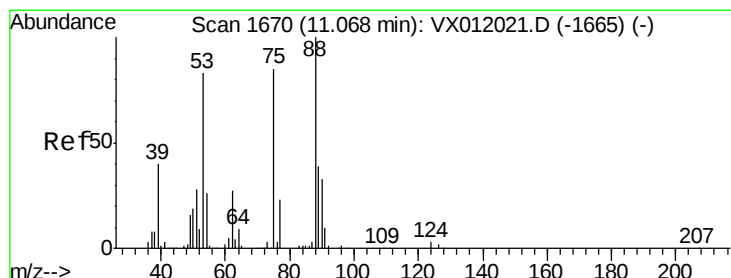
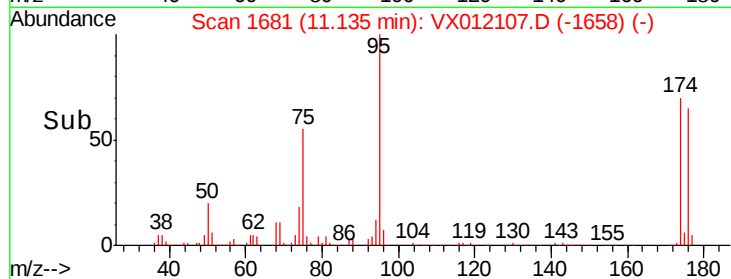
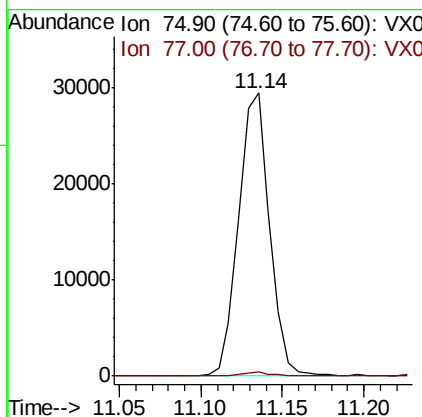
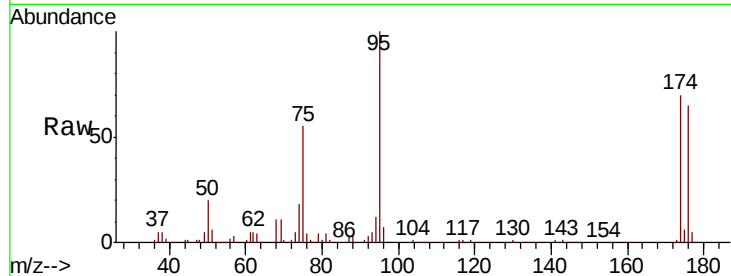




#76
 1,2,3-Trichloropropane
 Concen: 72.814 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012107.D
 Acq: 05 Sep 2019 18:06

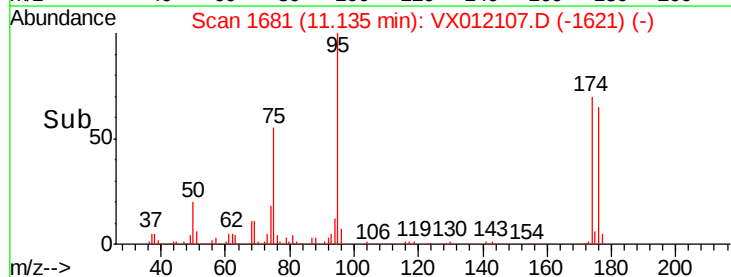
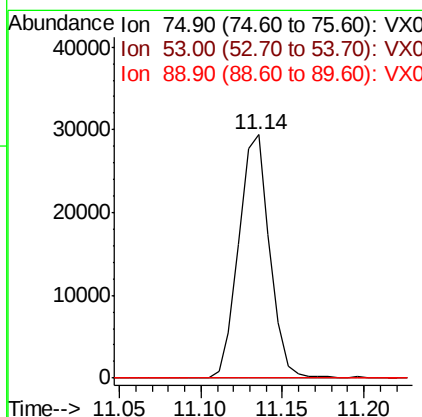
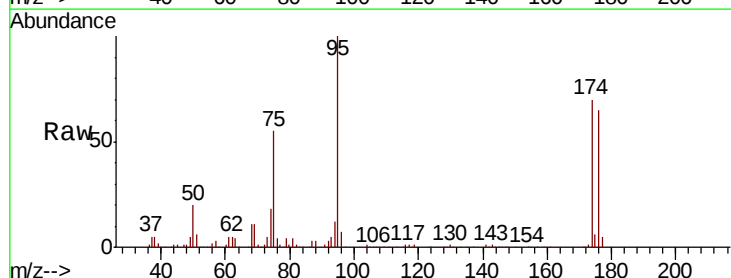
Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E3-(2.25)RE

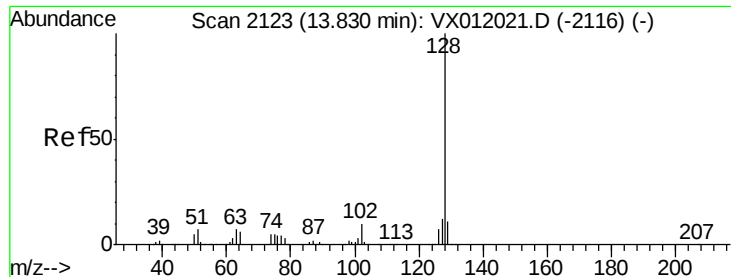
Tgt Ion: 75 Resp: 38950
 Ion Ratio Lower Upper
 75 100
 77 1.7 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 172.143 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012107.D
 Acq: 05 Sep 2019 18:06

Tgt Ion: 75 Resp: 38950
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.6 117.8#
 89 0.0 38.8 58.2#

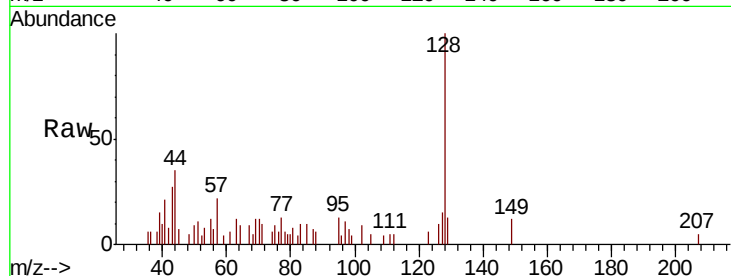




#95
Naphthalene
Concen: 1.030 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012107.D
Acq: 05 Sep 2019 18:06

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E3-(2.25)RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.5	15.7
129	13.6	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

