

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012072.D
 Acq On : 05 Sep 2019 01:29
 Operator : SY/SP
 Sample : K4545-04
 Misc : 5.34g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E1-(2.25)

Quant Time: Sep 05 05:29:32 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	160902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101606	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	108433	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.48	113	84461	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	8.71	98	335503	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	11.13	95	127814	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	

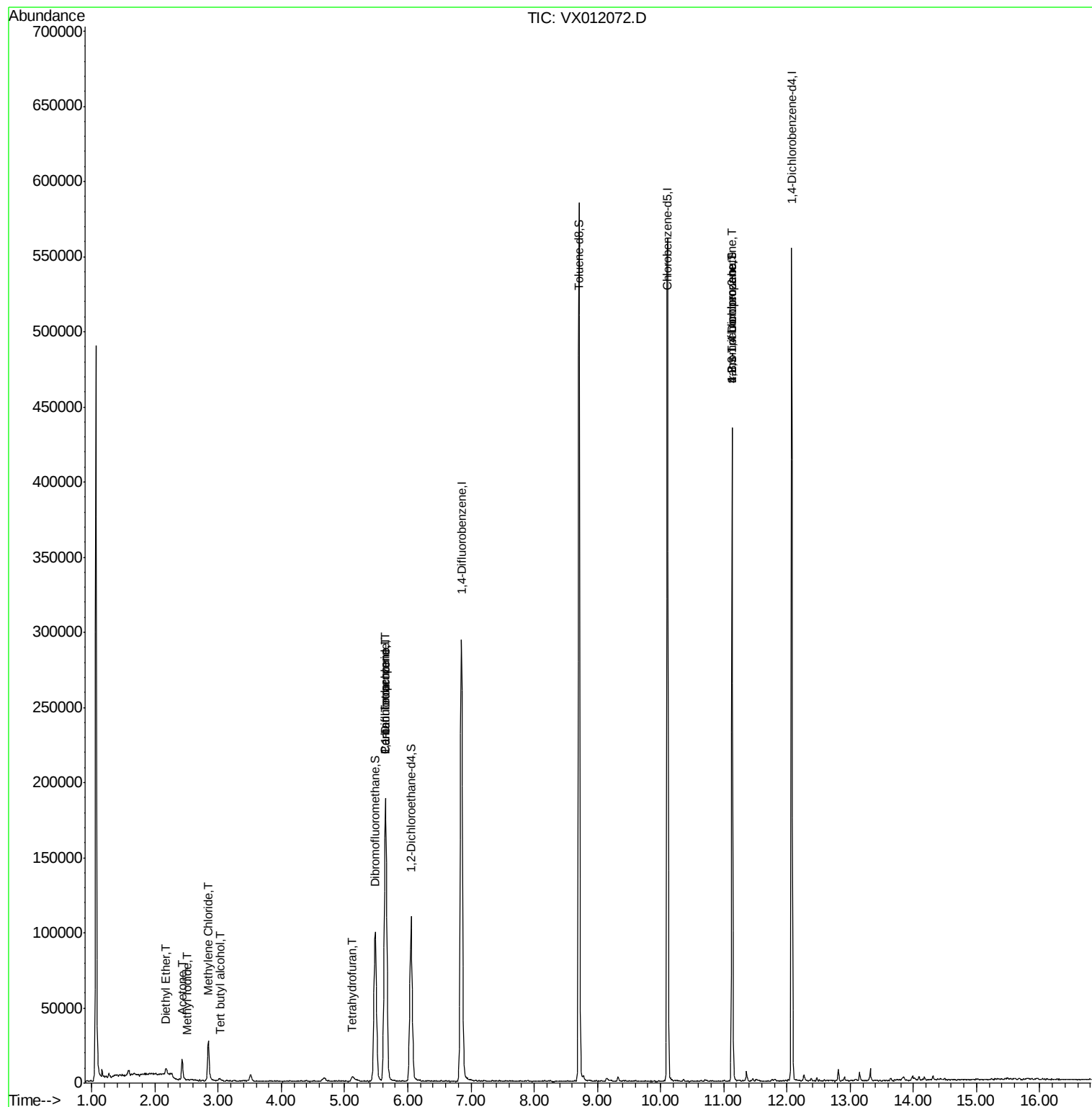
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	1258	1.639	ug/l	99
10) Methyl Iodide	2.51	142	165	7.073	ug/l #	54
11) Tert butyl alcohol	3.02	59	1476	6.922	ug/l #	88
13) Acrolein	2.26	56	191	Below Cal	#	80
16) Acetone	2.43	43	14666	27.637	ug/l	97
20) Methylene Chloride	2.84	84	12429	5.833	ug/l	87
29) Tetrahydrofuran	5.12	42	3656	8.983	ug/l #	77
36) 1,1-Dichloropropene	5.64	75	14844	5.938	ug/l #	49
38) Carbon Tetrachloride	5.64	117	18437	6.999	ug/l #	14
76) 1,2,3-Trichloropropane	11.13	75	66492	53.559	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	66492	126.622	ug/l #	10

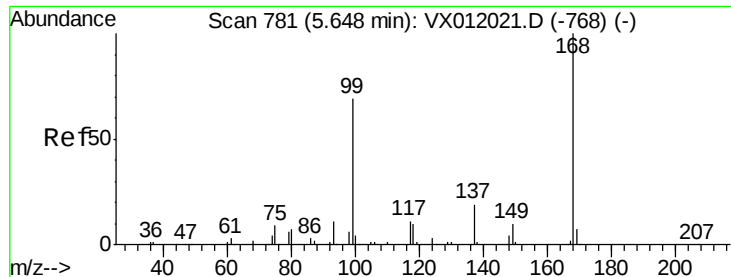
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
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MSVOA_X
ClientSampleId :
T16-17-E1-(2.25)

Quant Time: Sep 05 05:29:32 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: VX012072.D

Acq: 05 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

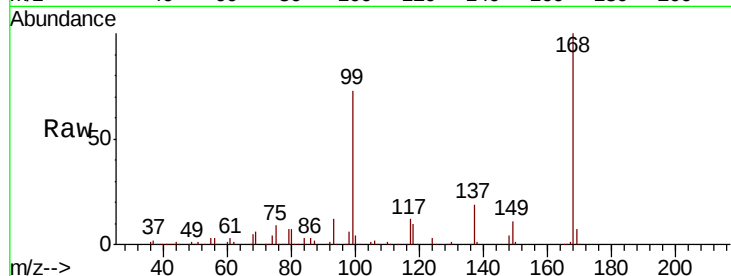
T16-17-E1-(2.25)

Tgt Ion:168 Resp: 160902

Ion Ratio Lower Upper

168 100

99 72.6 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

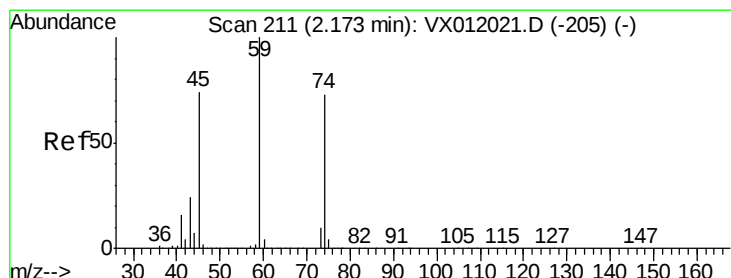
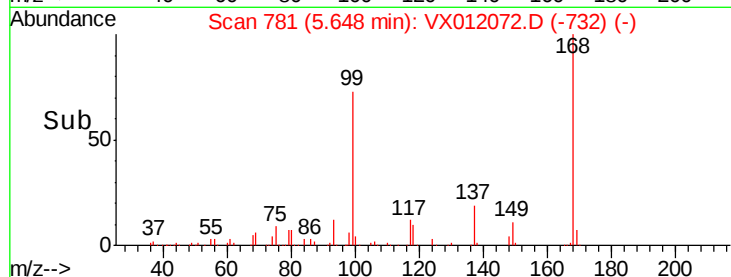
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.639 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012072.D

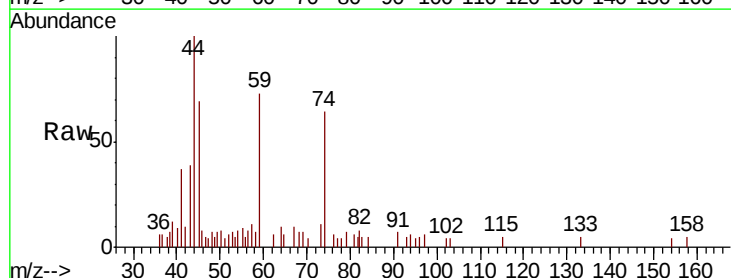
Acq: 05 Sep 2019 01:29

Tgt Ion: 74 Resp: 1258

Ion Ratio Lower Upper

74 100

45 92.2 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

1000

800

600

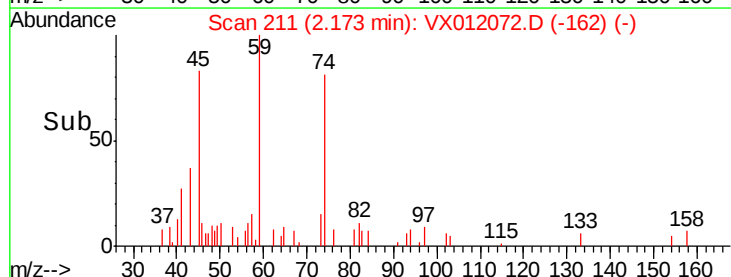
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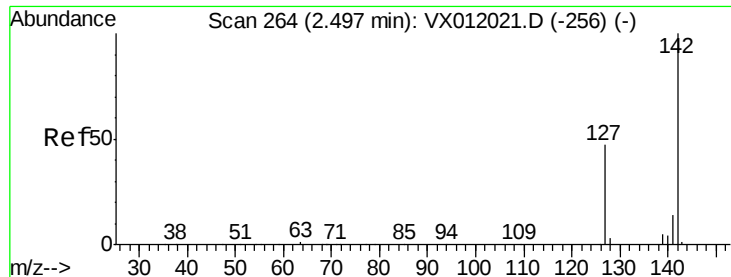
200

0

Time-->

2.15 2.20

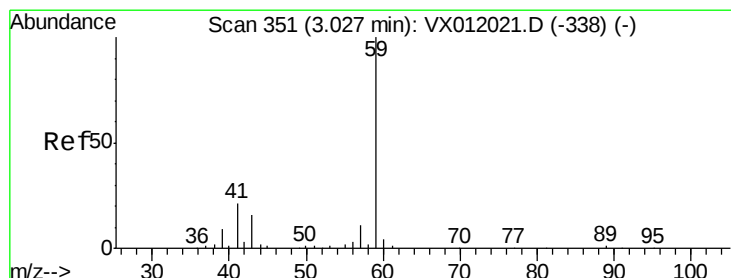
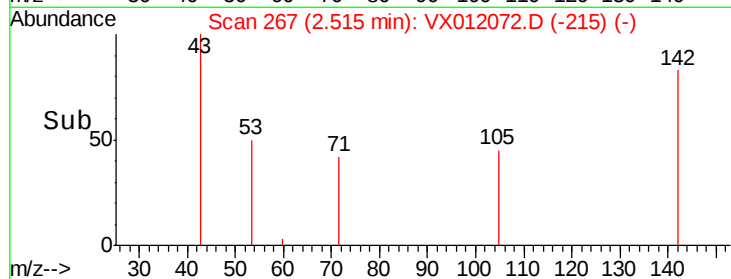
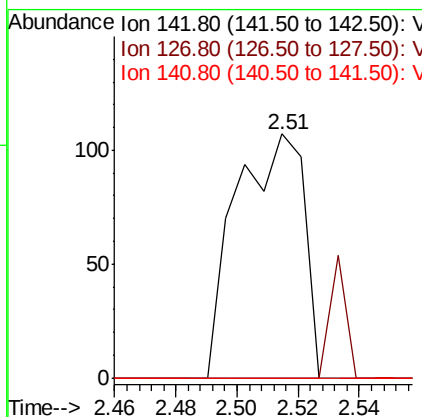
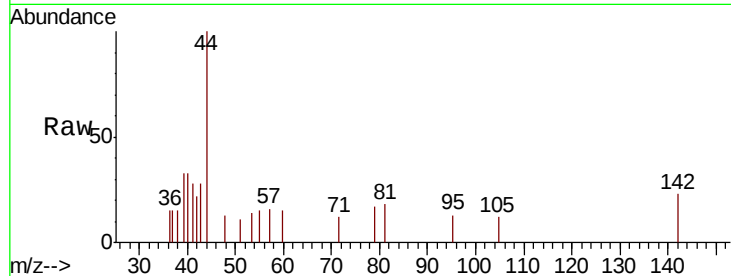




#10
Methyl Iodide
Concen: 7.073 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012072.D
Acq: 05 Sep 2019 01:29

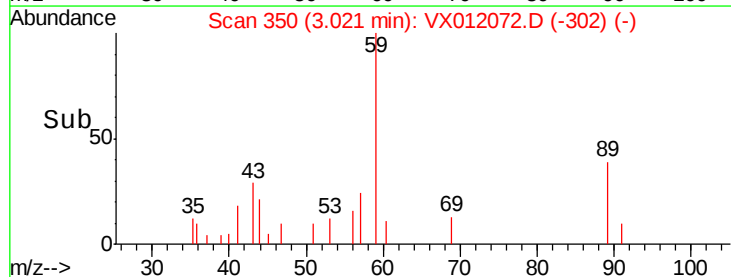
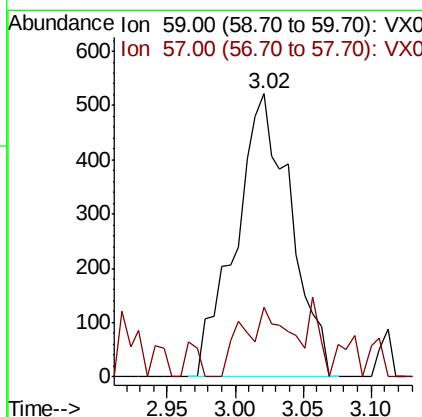
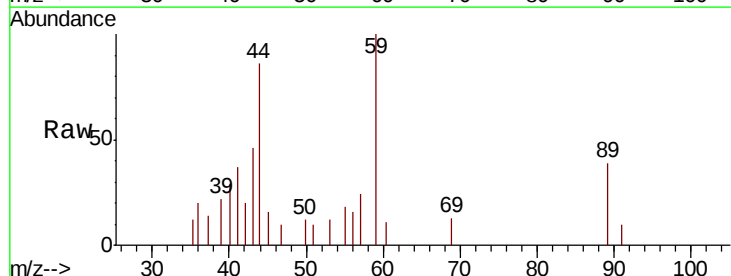
Instrument :
MSVOA_X
ClientSampleId :
T16-17-E1-(2.25)

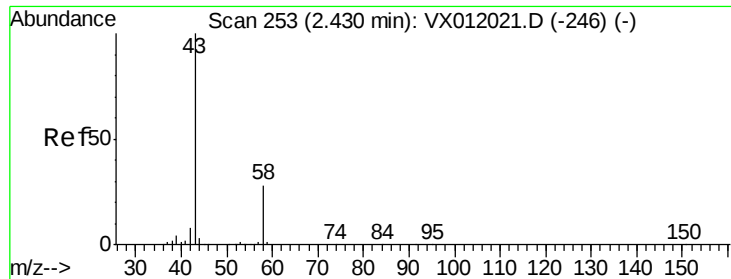
Tgt Ion: 142 Resp: 165
Ion Ratio Lower Upper
142 100
127 12.1 35.4 53.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 6.922 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012072.D
Acq: 05 Sep 2019 01:29

Tgt Ion: 59 Resp: 1476
Ion Ratio Lower Upper
59 100
57 5.4 7.9 11.9#





#16

Acetone

Concen: 27.637 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012072.D

Acq: 05 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

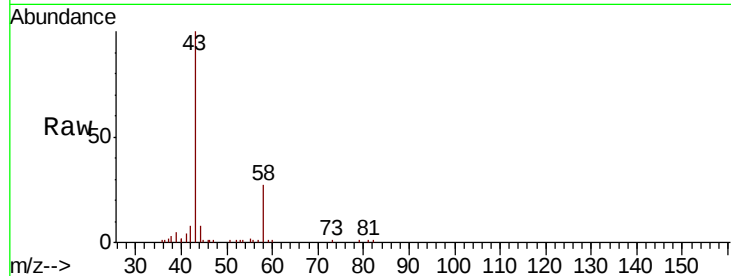
T16-17-E1-(2.25)

Tgt Ion: 43 Resp: 14666

Ion Ratio Lower Upper

43 100

58 27.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

6000

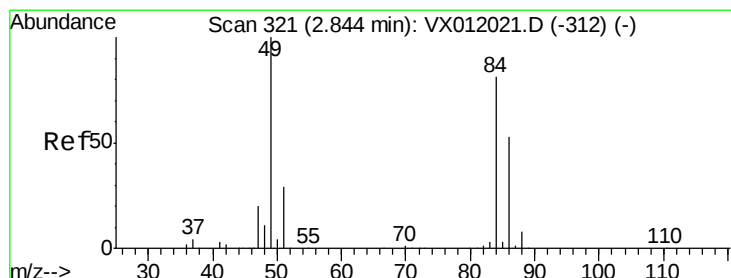
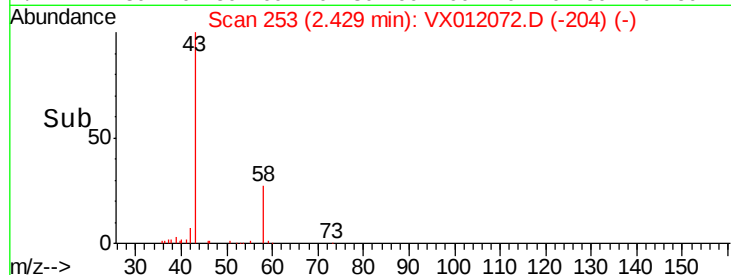
4000

2000

0

Time-->

2.35 2.40 2.45 2.50



#20

Methylene Chloride

Concen: 5.833 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012072.D

Acq: 05 Sep 2019 01:29

Tgt Ion: 84 Resp: 12429

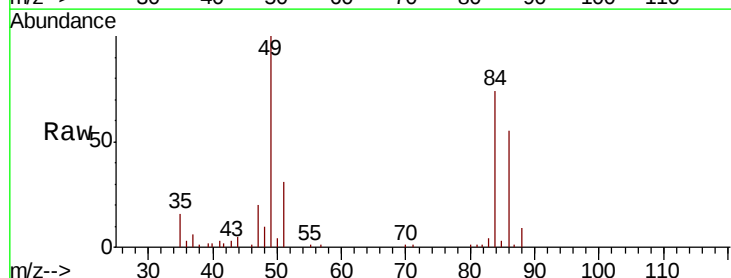
Ion Ratio Lower Upper

84 100

49 134.8 95.8 143.8

51 41.7 28.6 43.0

86 73.5 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

12000

10000

8000

6000

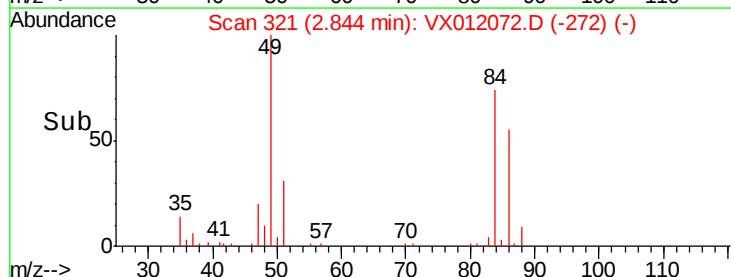
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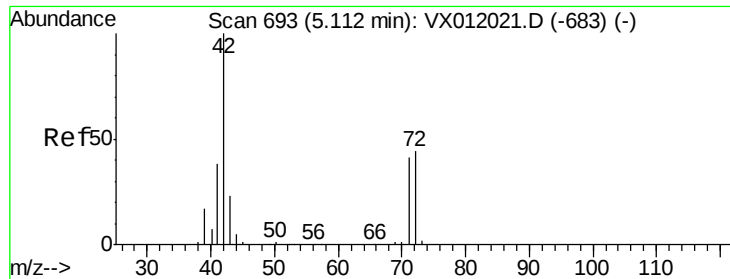
2000

0

Time-->

2.80 2.90

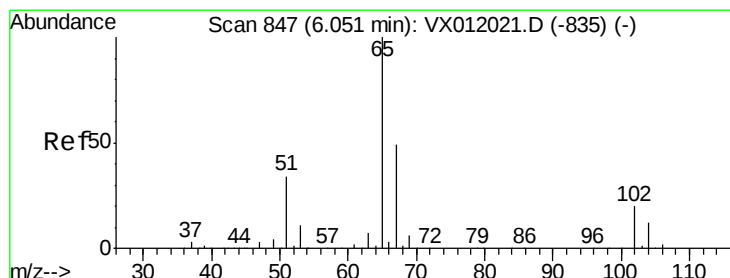
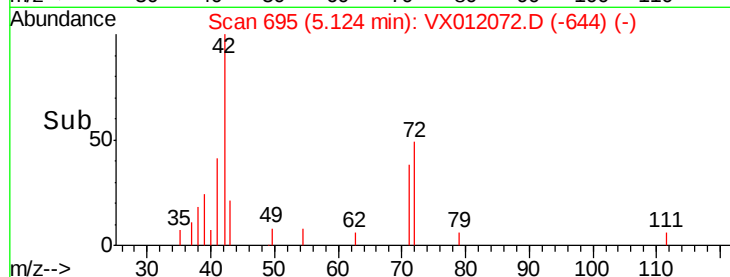
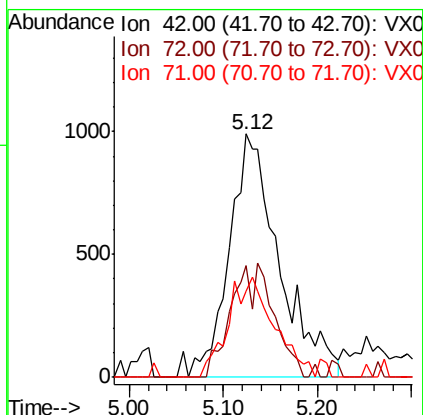
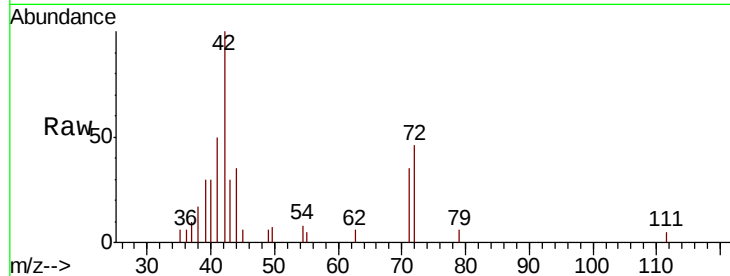




#29
Tetrahydrofuran
Concen: 8.983 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012072.D
Acq: 05 Sep 2019 01:29

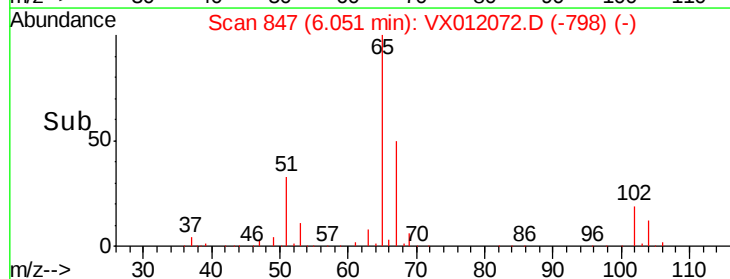
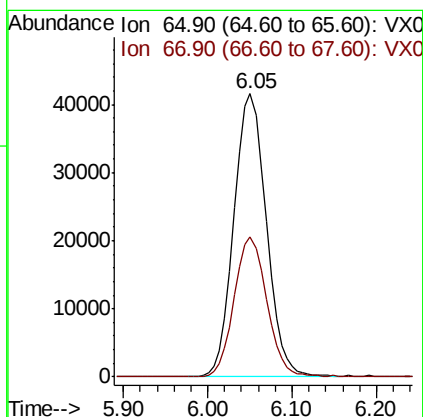
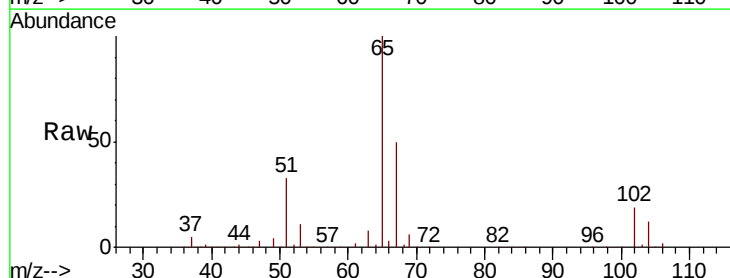
Instrument :
MSVOA_X
ClientSampled :
T16-17-E1-(2.25)

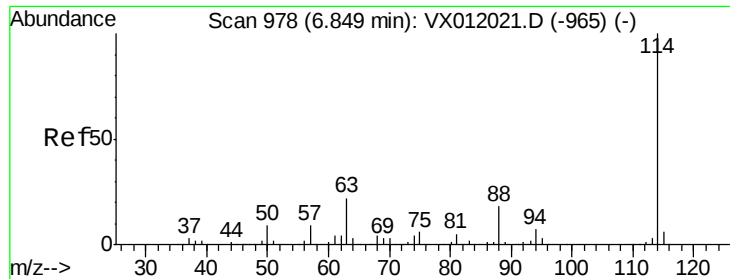
Tgt Ion: 42 Resp: 3656
Ion Ratio Lower Upper
42 100
72 20.7 37.0 55.4#
71 38.0 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 48.841 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012072.D
Acq: 05 Sep 2019 01:29

Tgt Ion: 65 Resp: 108433
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.0

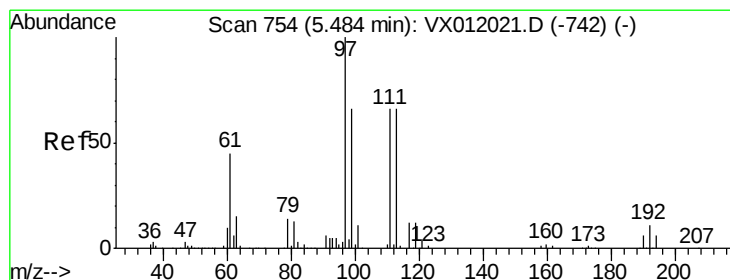
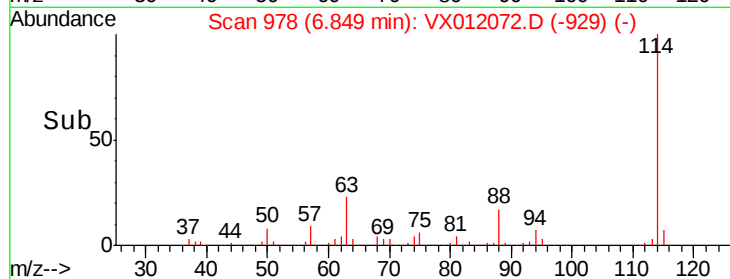
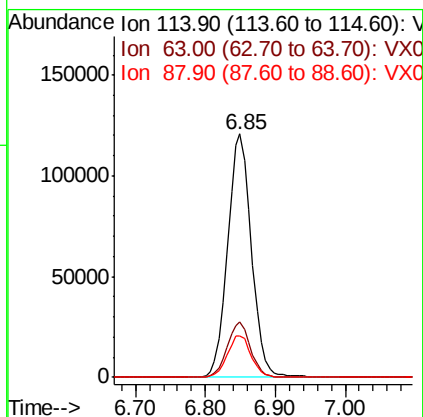
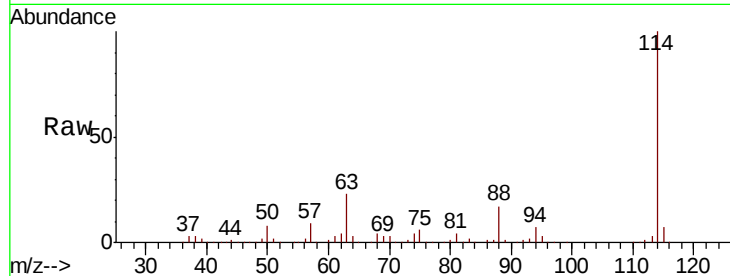




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012072.D
 Acq: 05 Sep 2019 01:29

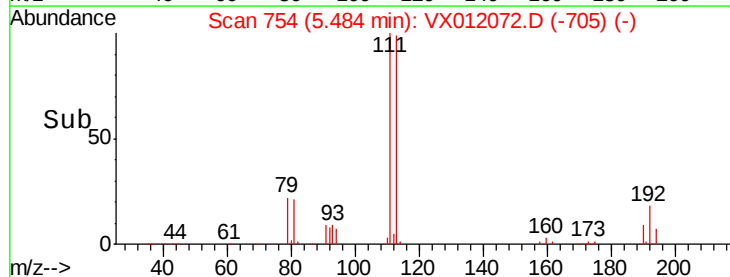
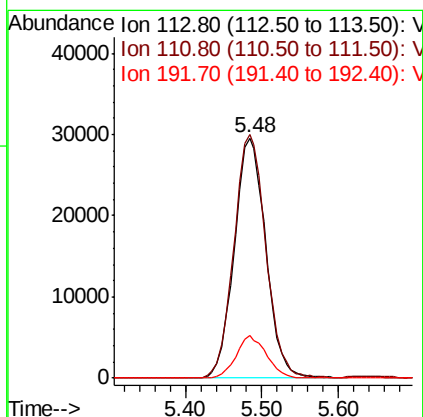
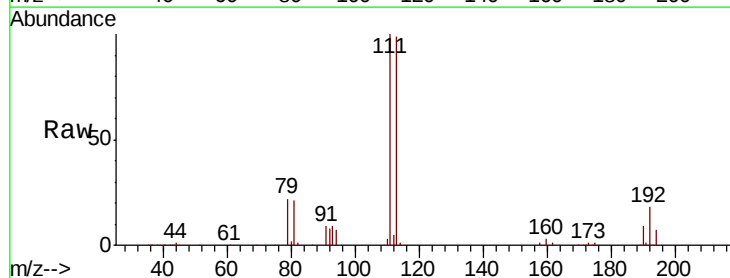
Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E1-(2.25)

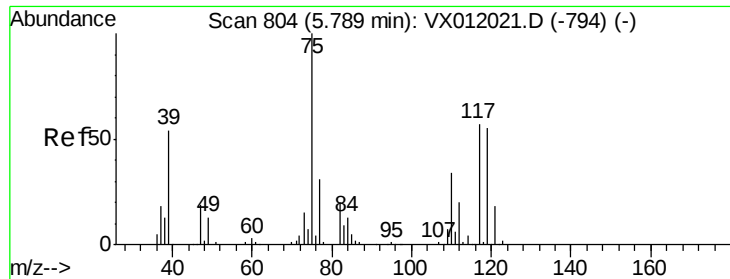
Tgt Ion:114 Resp: 283853
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.4
 88 17.1 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 48.385 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012072.D
 Acq: 05 Sep 2019 01:29

Tgt Ion:113 Resp: 84461
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 17.2 22.5 33.7#

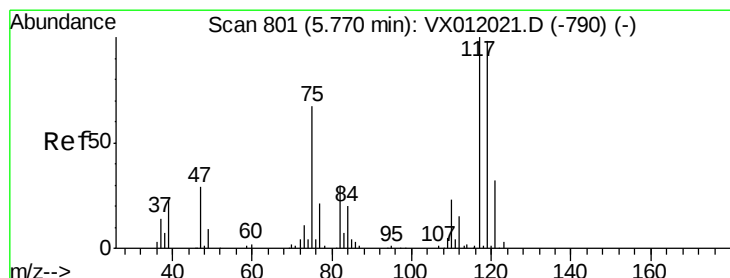
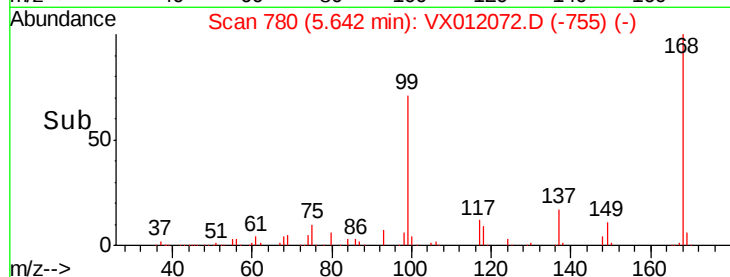
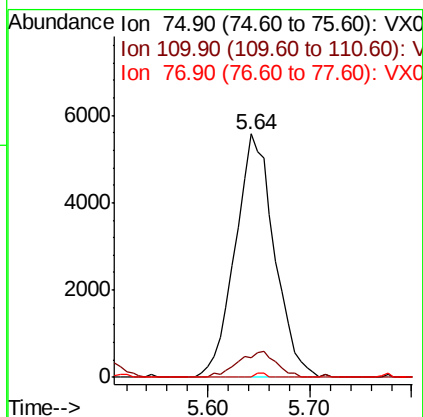
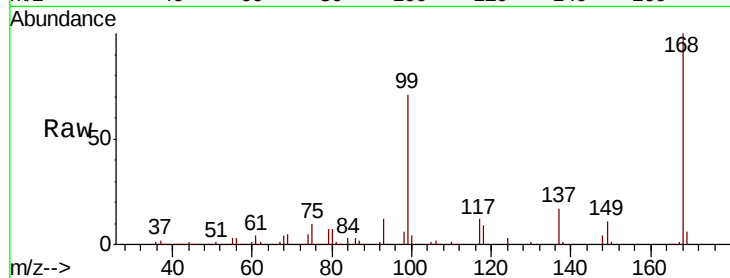




#36
 1,1-Dichloropropene
 Concen: 5.938 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012072.D
 Acq: 05 Sep 2019 01:29

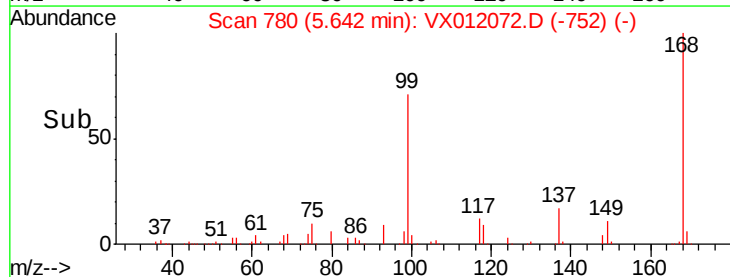
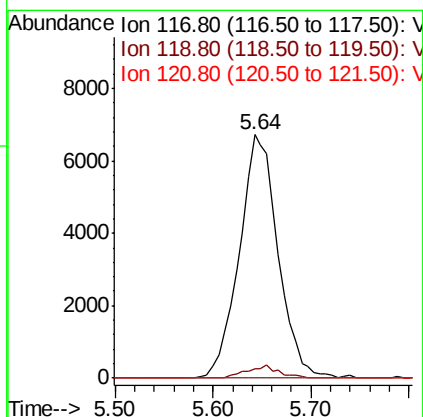
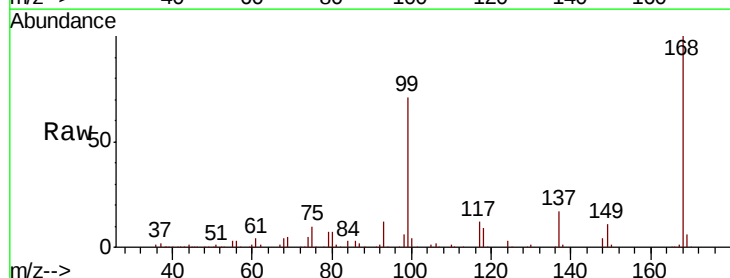
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 ClientSampleId :
 T16-17-E1-(2.25)

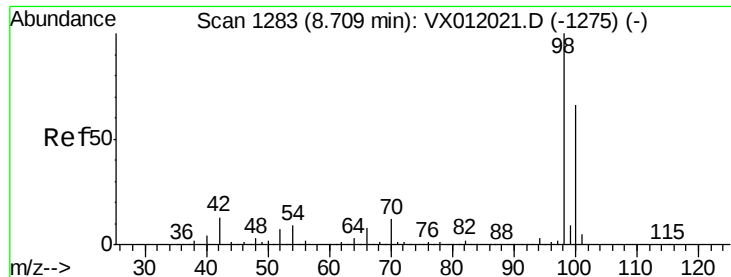
Tgt Ion: 75 Resp: 14844
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.5 58.5#
 77 0.5 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.999 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012072.D
 Acq: 05 Sep 2019 01:29

Tgt Ion: 117 Resp: 18437
 Ion Ratio Lower Upper
 117 100
 119 3.6 78.3 117.5#
 121 0.0 24.2 36.2#

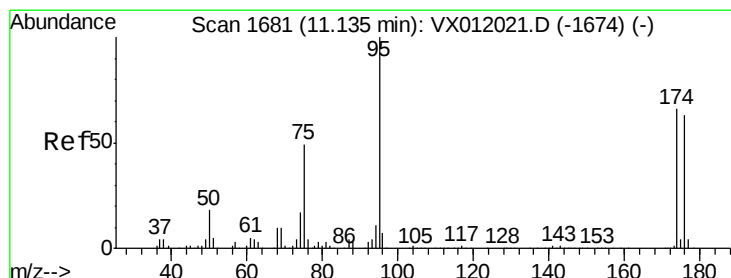
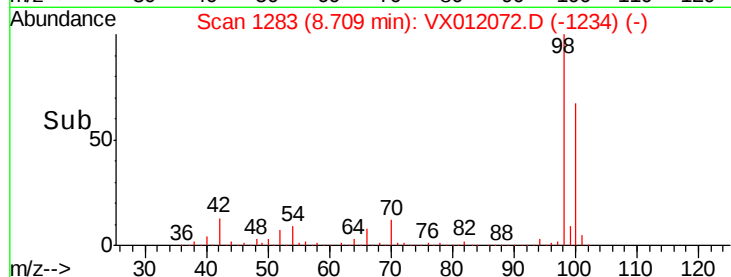
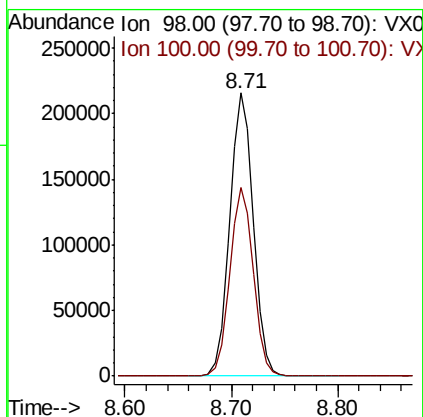
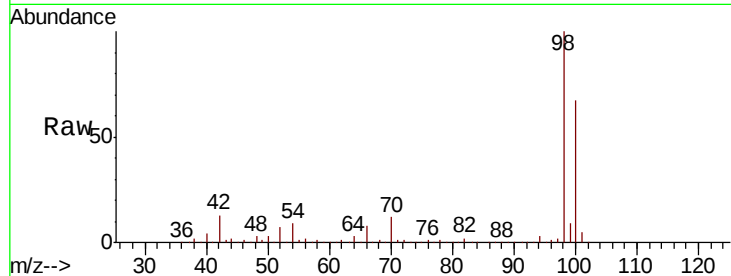




#50
Toluene-d8
Concen: 52.376 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012072.D
Acq: 05 Sep 2019 01:29

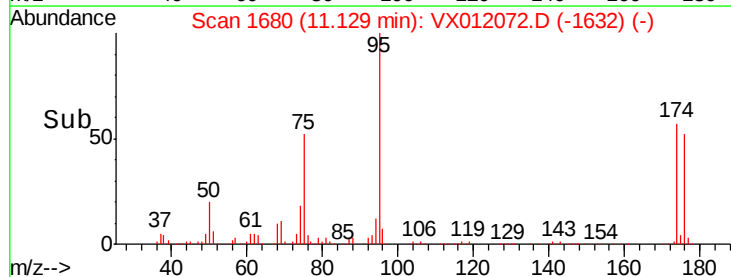
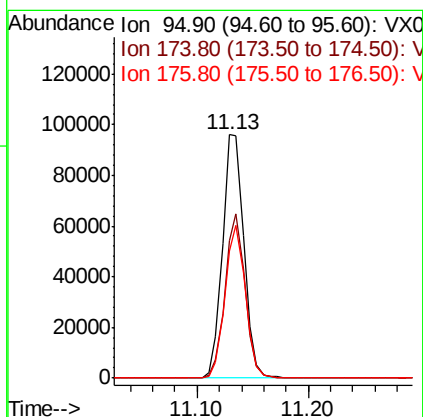
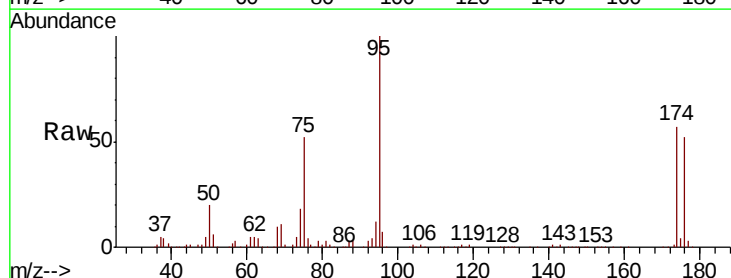
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T16-17-E1-(2.25)

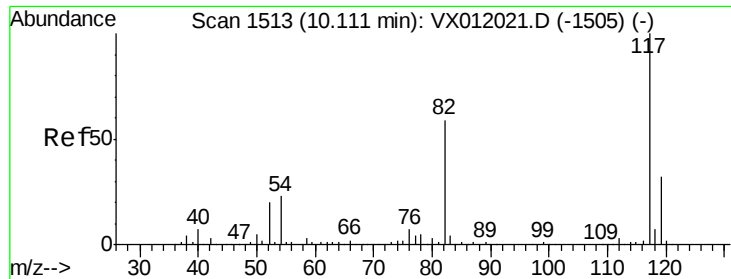
Tgt Ion: 98 Resp: 335503
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 42.905 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012072.D
Acq: 05 Sep 2019 01:29

Tgt Ion: 95 Resp: 127814
Ion Ratio Lower Upper
95 100
174 63.2 0.0 205.4
176 59.8 0.0 201.8

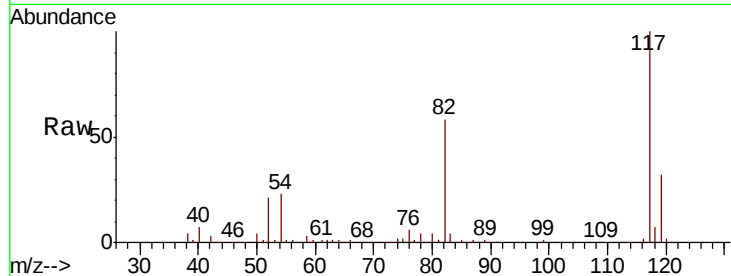




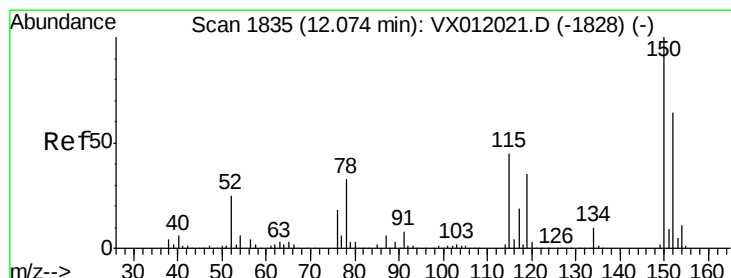
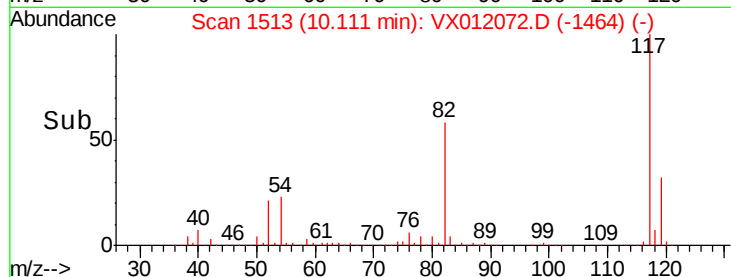
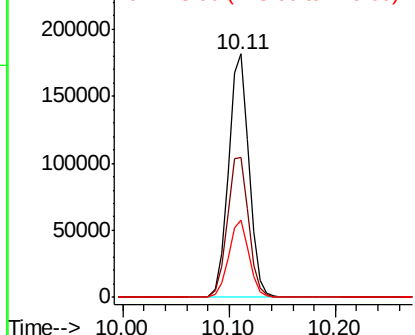
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012072.D
Acq: 05 Sep 2019 01:29

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E1-(2.25)

Tgt Ion:117 Resp: 244618
Ion Ratio Lower Upper
117 100
82 57.6 39.4 59.0
119 31.9 26.1 39.1

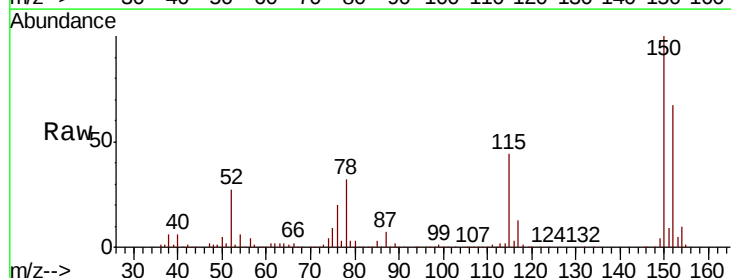


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

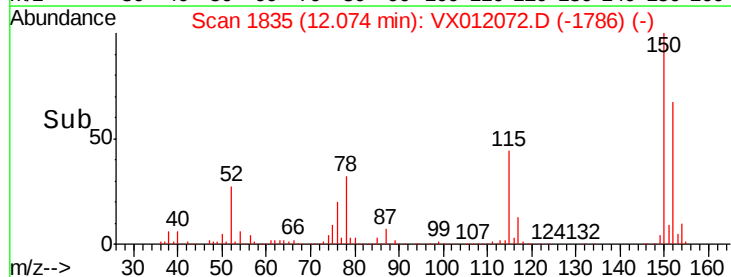
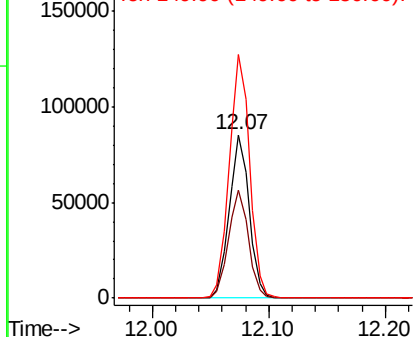


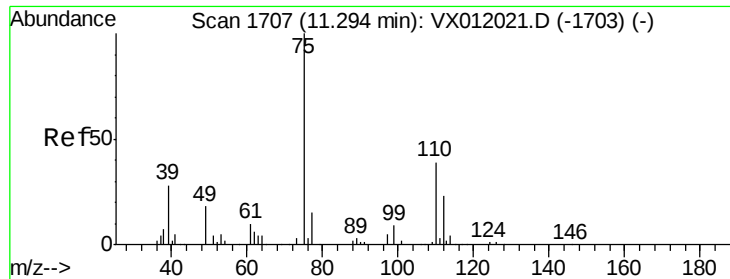
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012072.D
Acq: 05 Sep 2019 01:29

Tgt Ion:152 Resp: 101606
Ion Ratio Lower Upper
152 100
115 66.4 36.4 109.3
150 153.9 0.0 341.2



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





#76

1,2,3-Trichloropropane

Concen: 53.559 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012072.D

Acq: 05 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

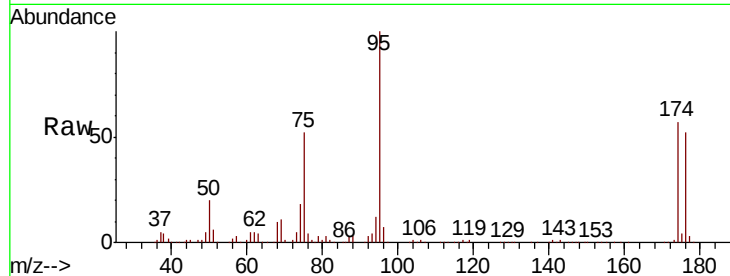
T16-17-E1-(2.25)

Tgt Ion: 75 Resp: 66492

Ion Ratio Lower Upper

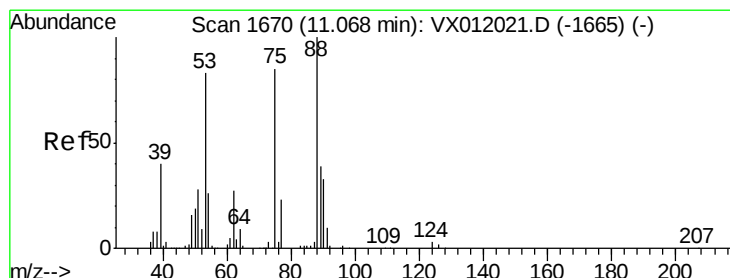
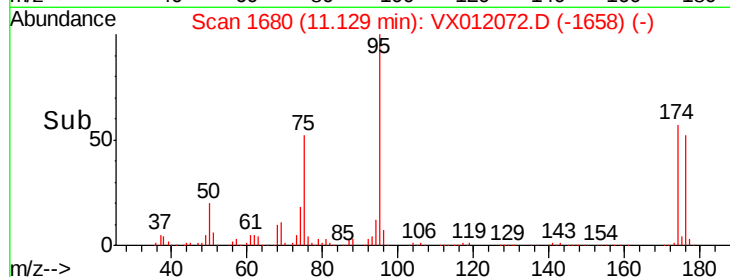
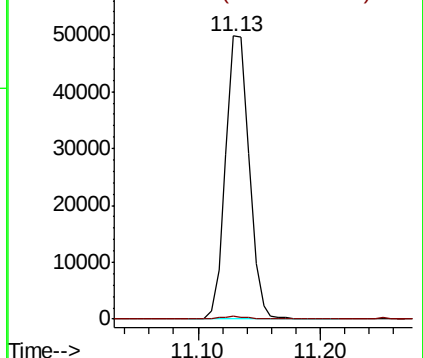
75 100

77 1.2 23.5 70.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 126.622 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012072.D

Acq: 05 Sep 2019 01:29

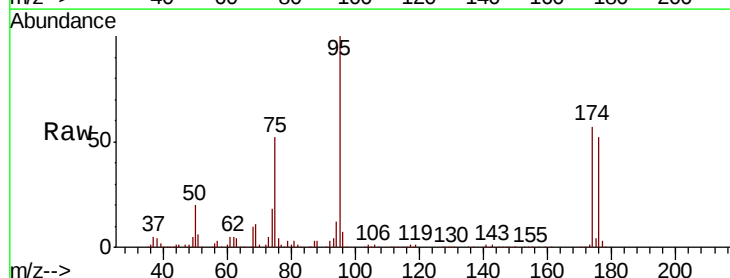
Tgt Ion: 75 Resp: 66492

Ion Ratio Lower Upper

75 100

53 0.1 78.6 117.8#

89 0.0 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

