

Data File : VX012186.D
Acq On : 07 Sep 2019 19:51
Operator : SY/SP
Sample : K4601-09RE
Misc : 4.82g/5.0mL/MSVOA_X/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T12-E4-(2.7)

Quant Time: Sep 08 07:45:02 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	143244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78874	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	100722	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.48	113	74283	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.71	98	290255	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.13	95	106307	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	

Target Compounds

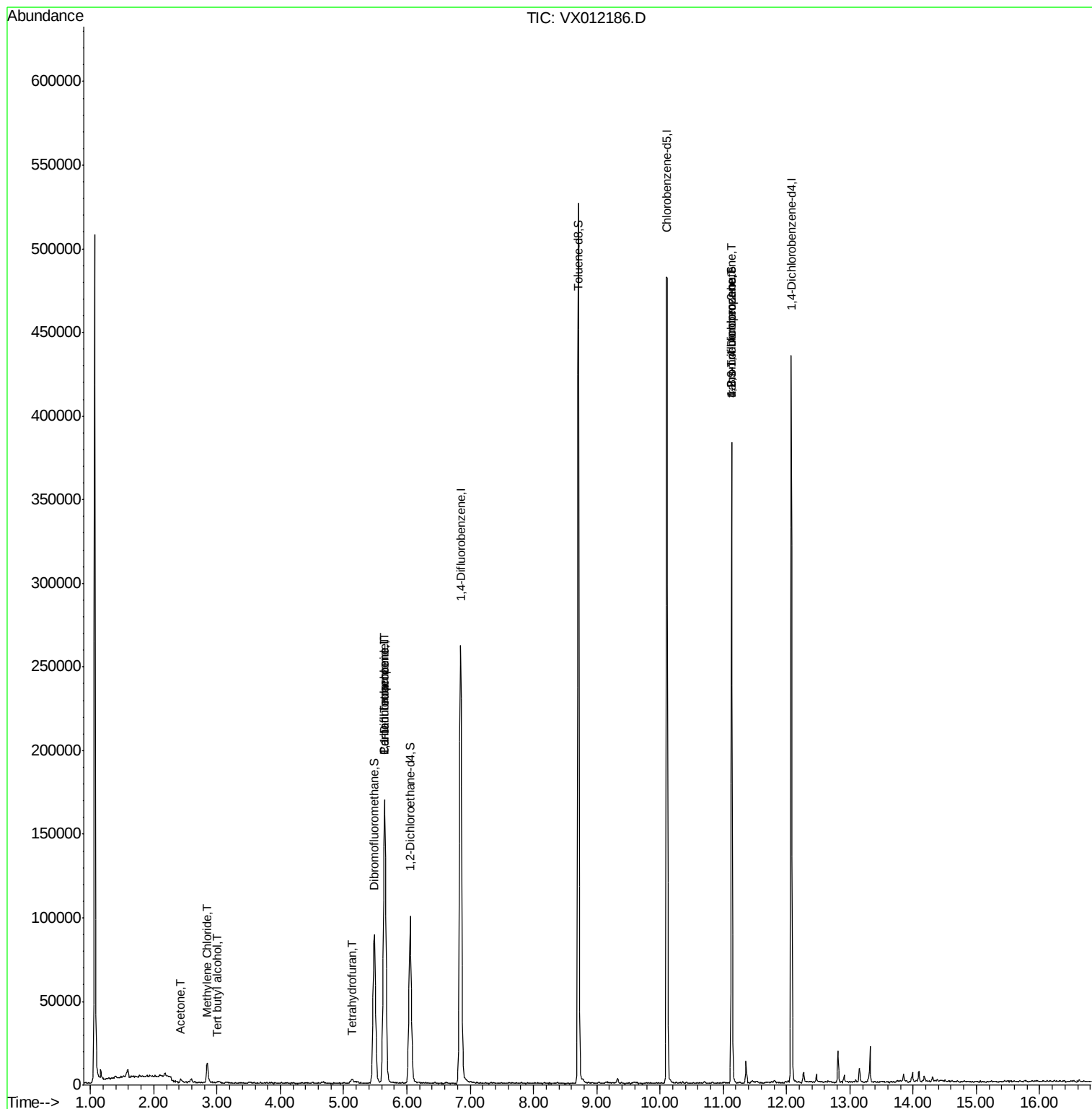
					Qvalue	
11) Tert butyl alcohol	3.01	59	845	4.451	ug/l #	91
13) Acrolein	2.24	56	263	Below Cal	#	12
16) Acetone	2.43	43	1711	3.622	ug/l	95
20) Methylene Chloride	2.84	84	5576	2.939	ug/l	93
29) Tetrahydrofuran	5.12	42	2584	7.132	ug/l #	71
36) 1,1-Dichloropropene	5.65	75	13365	6.054	ug/l #	49
38) Carbon Tetrachloride	5.65	117	17265	7.422	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	56175	58.290	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	56175	137.806	ug/l #	10

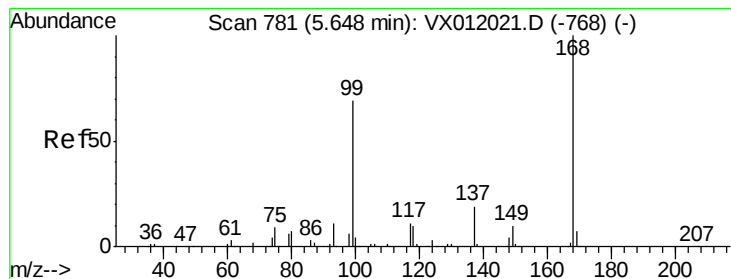
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

MSVOA_X

ClientSampleId :

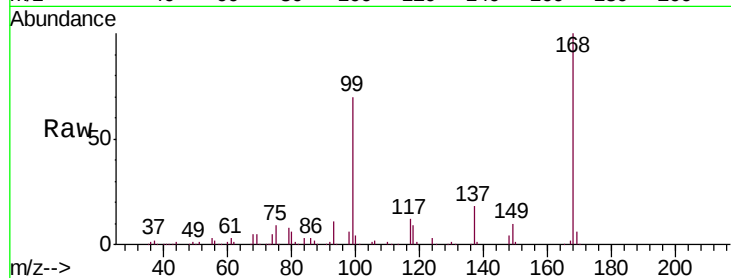
T12-E4-(2.7)

Tgt Ion:168 Resp: 143244

Ion Ratio Lower Upper

168 100

99 70.5 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

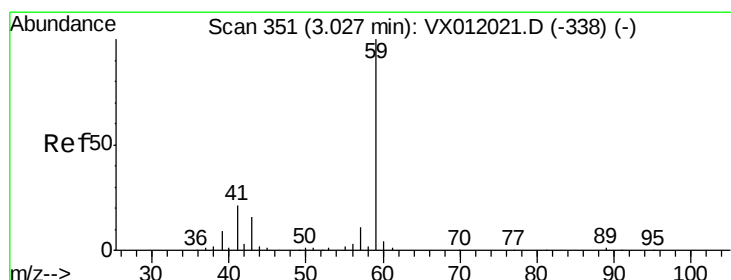
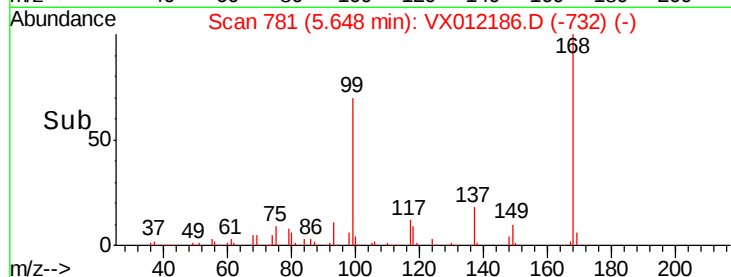
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 4.451 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX012186.D

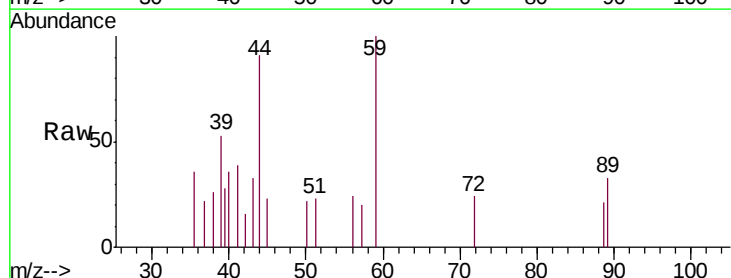
Acq: 07 Sep 2019 19:51

Tgt Ion: 59 Resp: 845

Ion Ratio Lower Upper

59 100

57 6.5 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

300

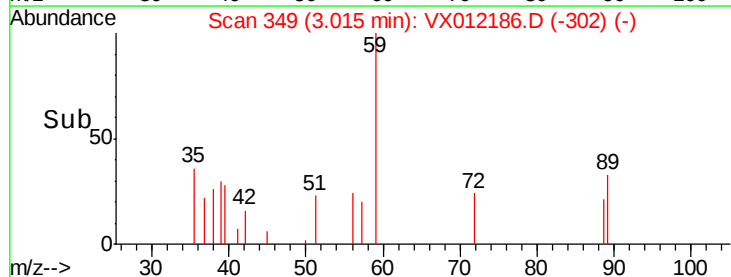
200

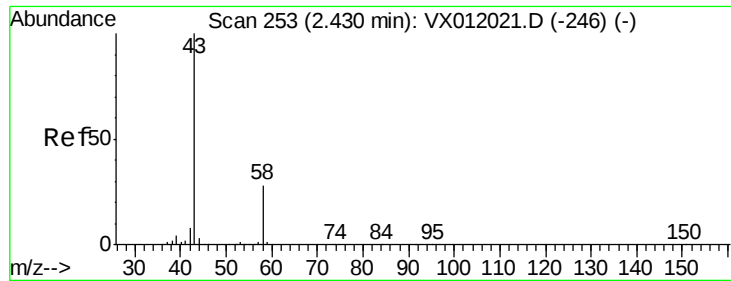
100

0

Time-->

2.95 3.00 3.05





#16

Acetone

Concen: 3.622 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012186.D

Acq: 07 Sep 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

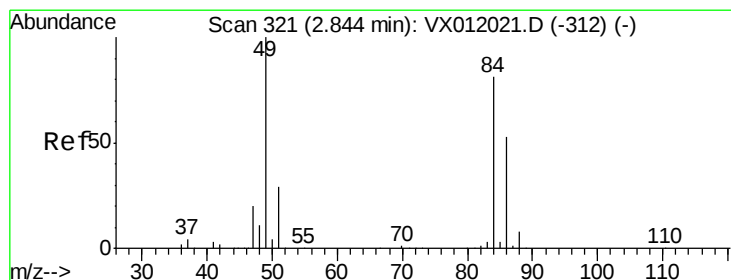
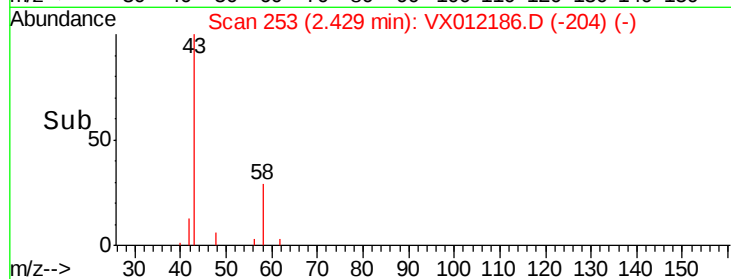
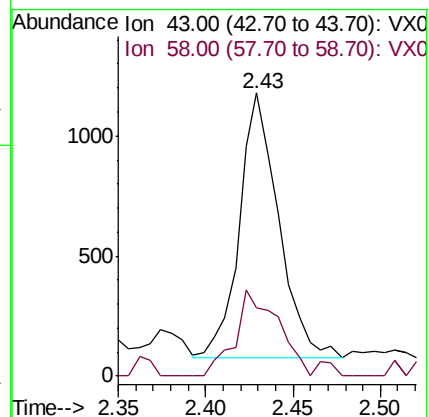
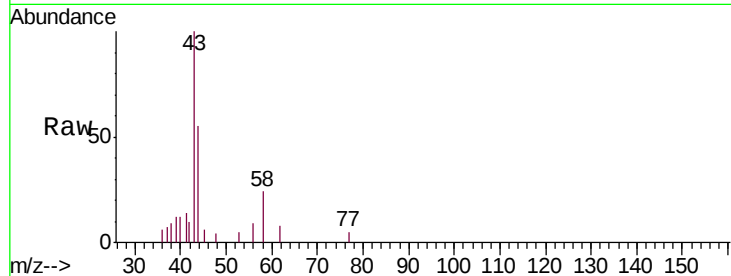
T12-E4-(2.7)

Tgt Ion: 43 Resp: 1711

Ion Ratio Lower Upper

43 100

58 25.7 22.8 34.2



#20

Methylene Chloride

Concen: 2.939 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012186.D

Acq: 07 Sep 2019 19:51

Tgt Ion: 84 Resp: 5576

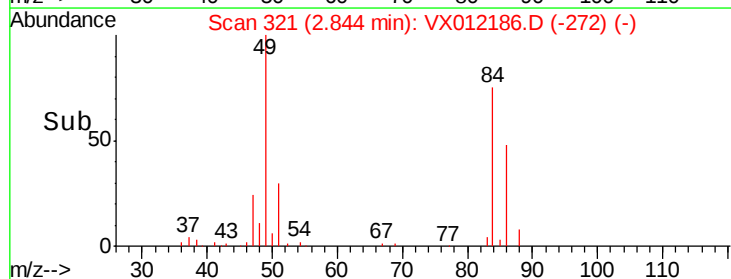
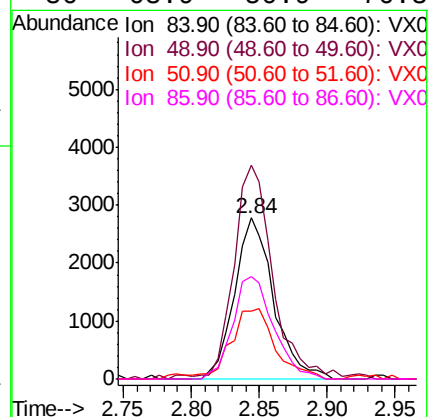
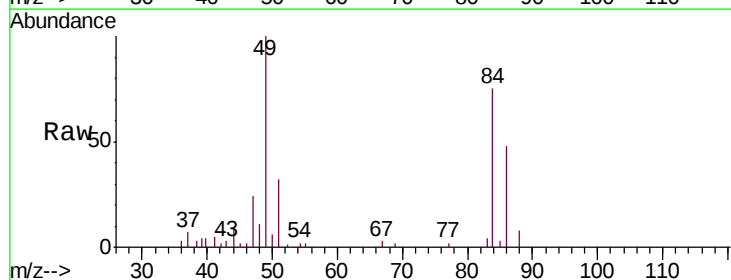
Ion Ratio Lower Upper

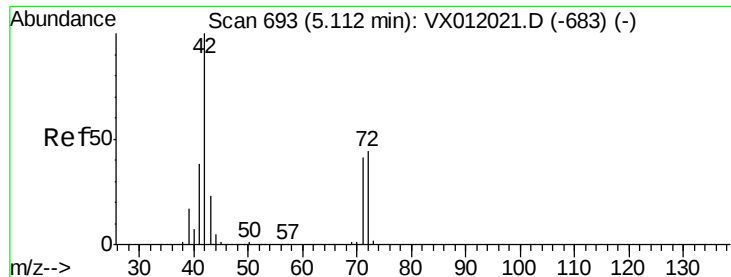
84 100

49 130.9 95.8 143.8

51 42.4 28.6 43.0

86 63.9 50.9 76.3

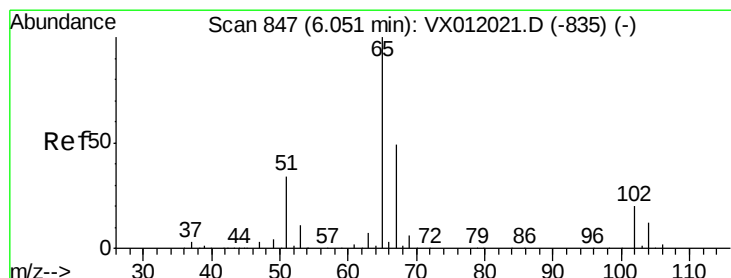
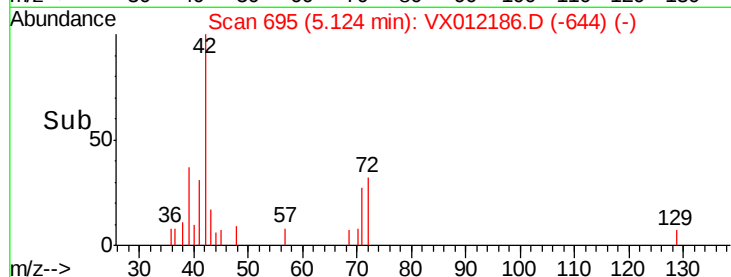
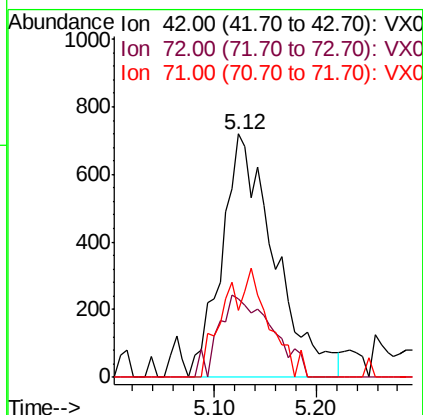
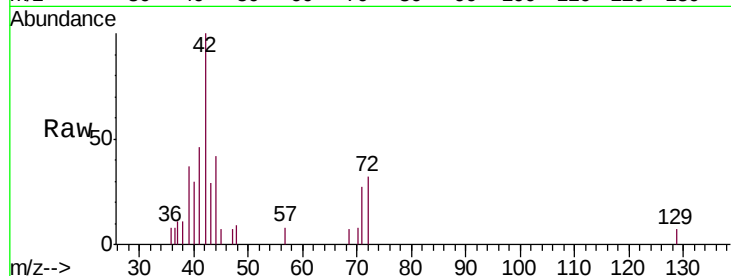




#29
Tetrahydrofuran
Concen: 7.132 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012186.D
Acq: 07 Sep 2019 19:51

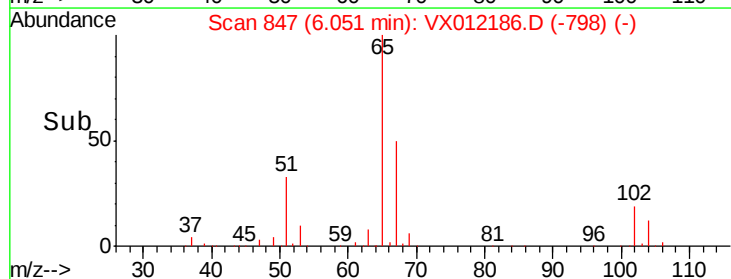
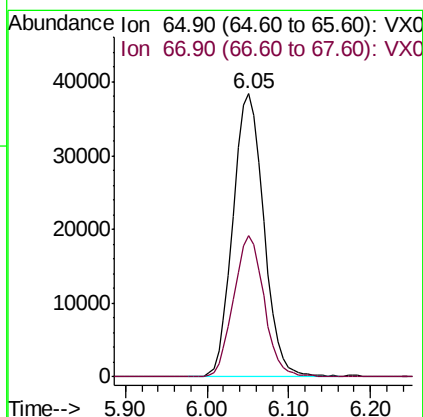
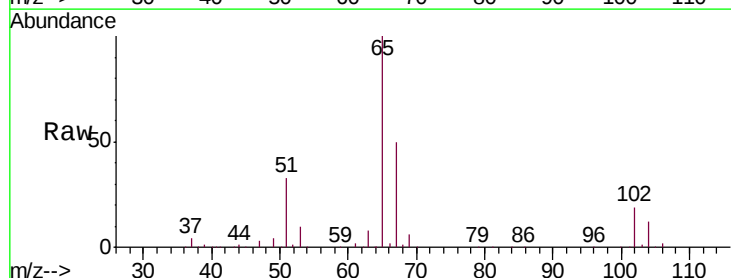
Instrument :
MSVOA_X
ClientSampleId :
T12-E4-(2.7)

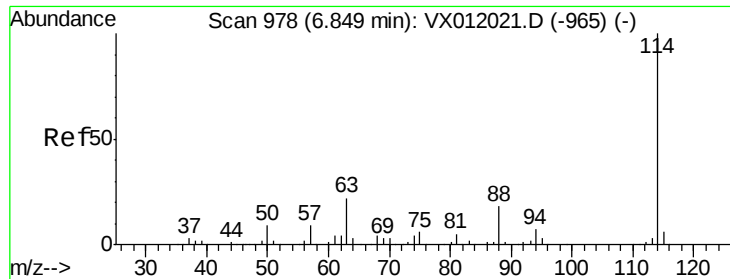
Tgt Ion: 42 Resp: 2584
Ion Ratio Lower Upper
42 100
72 34.1 37.0 55.4#
71 15.9 33.8 50.8#



#33
1,2-Dichloroethane-d4
Concen: 50.960 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012186.D
Acq: 07 Sep 2019 19:51

Tgt Ion: 65 Resp: 100722
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.0

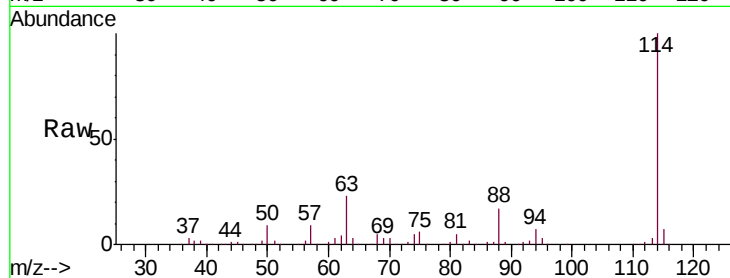




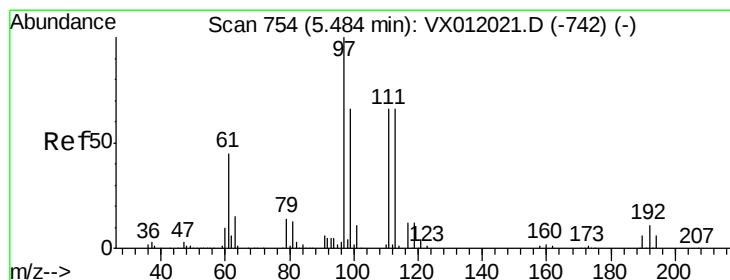
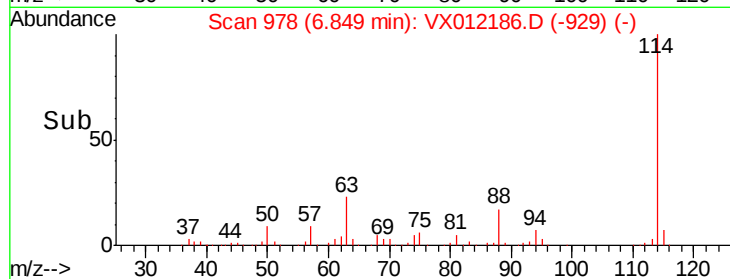
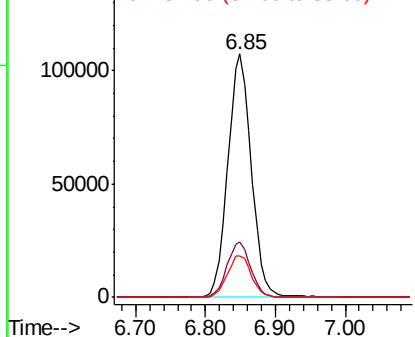
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012186.D
 Acq: 07 Sep 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E4-(2.7)

Tgt Ion:114 Resp: 250634
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.4
 88 17.0 0.0 29.6

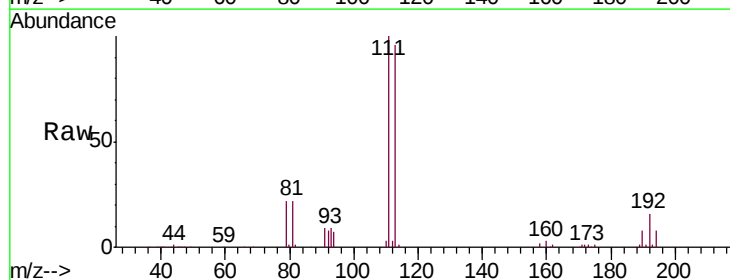


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

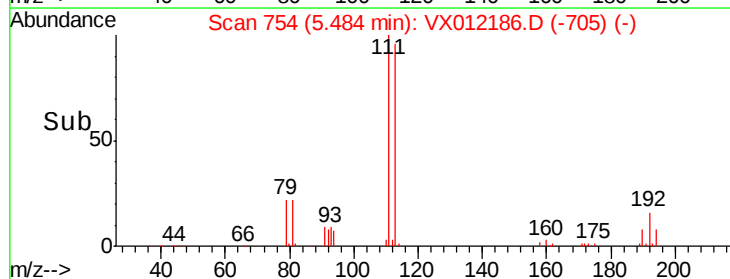
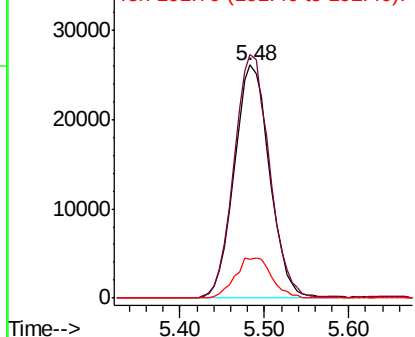


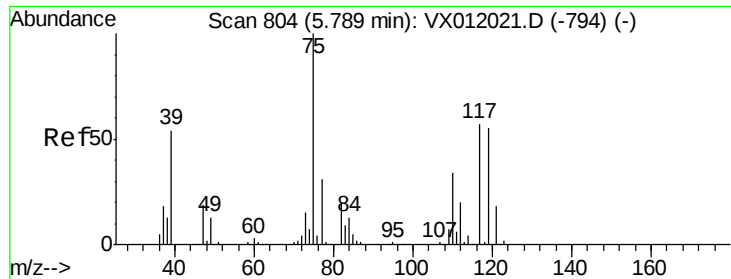
#35
 Dibromofluoromethane
 Concen: 48.194 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012186.D
 Acq: 07 Sep 2019 19:51

Tgt Ion:113 Resp: 74283
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.7 122.5
 192 17.8 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

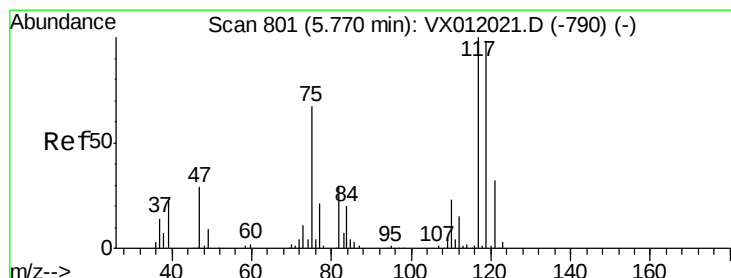
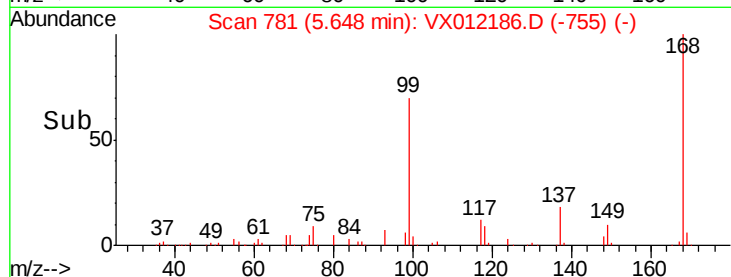
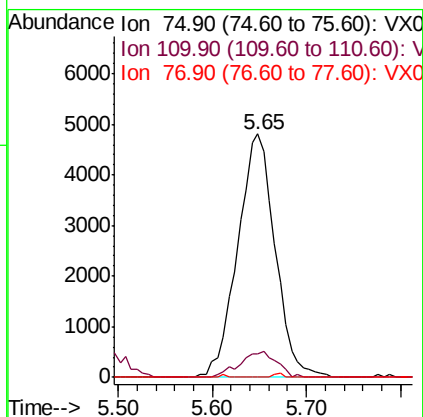
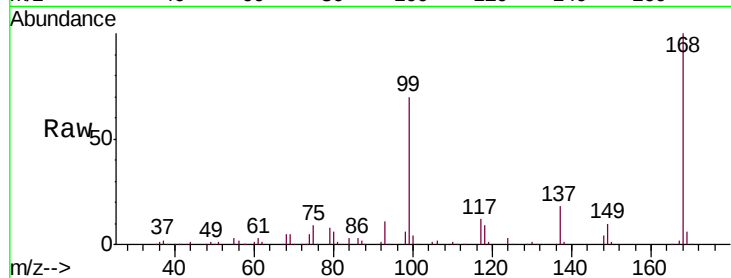




#36
 1,1-Dichloropropene
 Concen: 6.054 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012186.D
 Acq: 07 Sep 2019 19:51

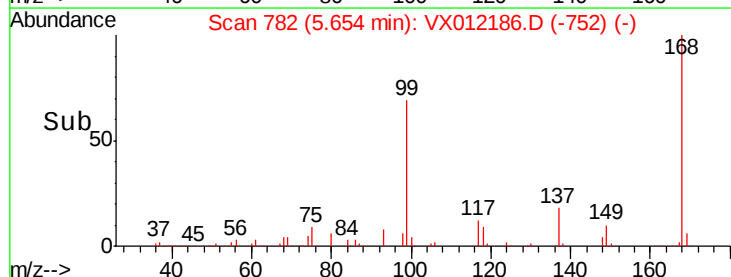
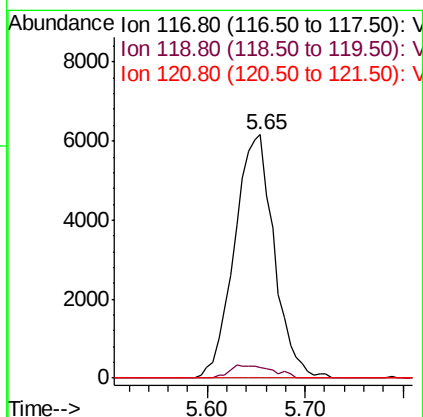
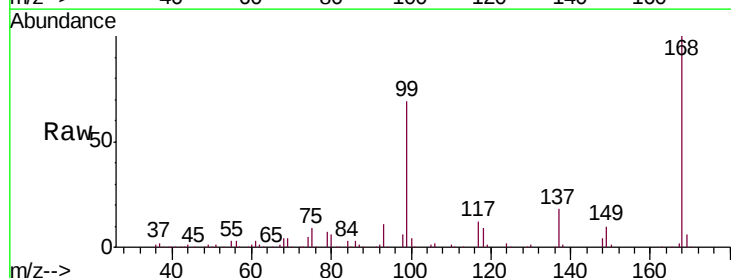
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E4-(2.7)

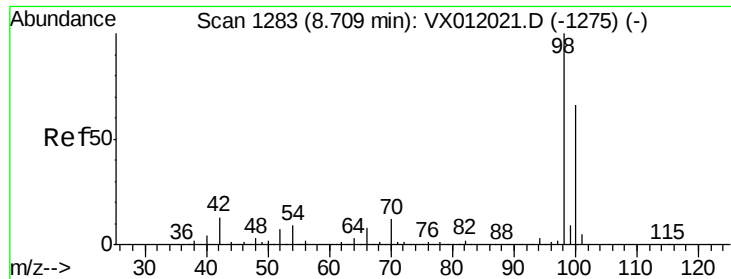
Tgt Ion: 75 Resp: 13365
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.422 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012186.D
 Acq: 07 Sep 2019 19:51

Tgt Ion: 117 Resp: 17265
 Ion Ratio Lower Upper
 117 100
 119 4.4 78.3 117.5#
 121 0.0 24.2 36.2#

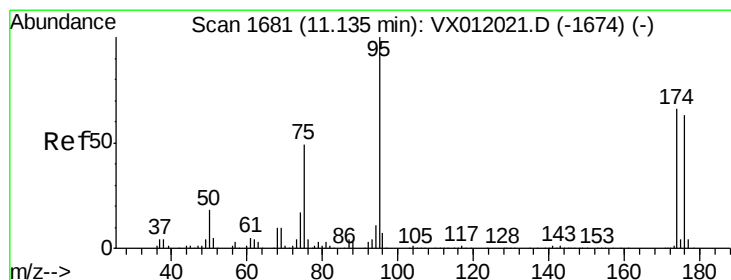
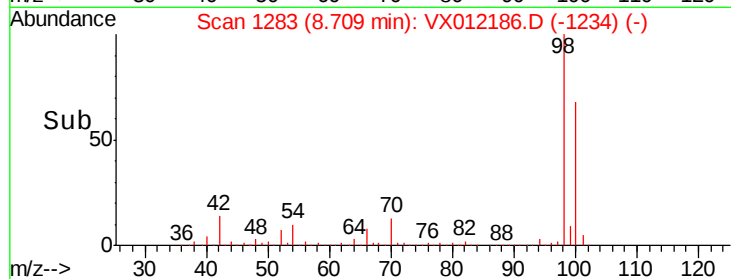
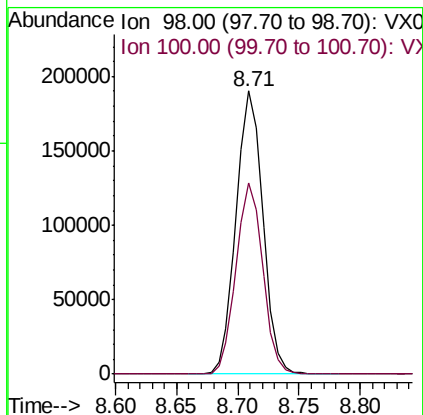
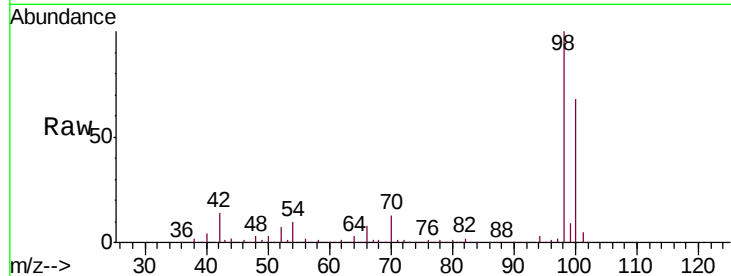




#50
Toluene-d8
Concen: 51.318 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012186.D
Acq: 07 Sep 2019 19:51

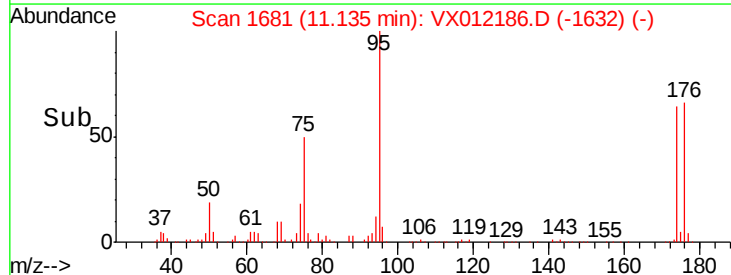
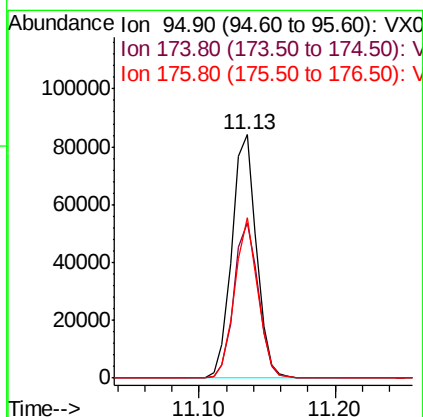
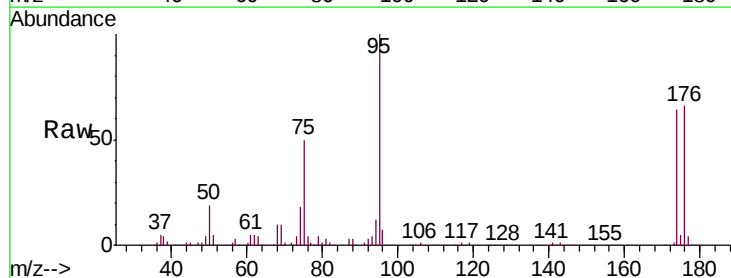
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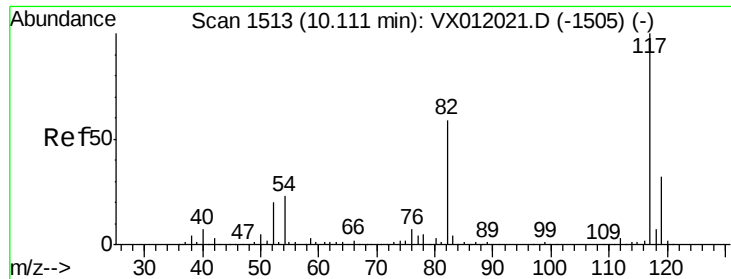
Tgt Ion: 98 Resp: 290255
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 40.415 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012186.D
Acq: 07 Sep 2019 19:51

Tgt Ion: 95 Resp: 106307
Ion Ratio Lower Upper
95 100
174 63.7 0.0 205.4
176 62.2 0.0 201.8

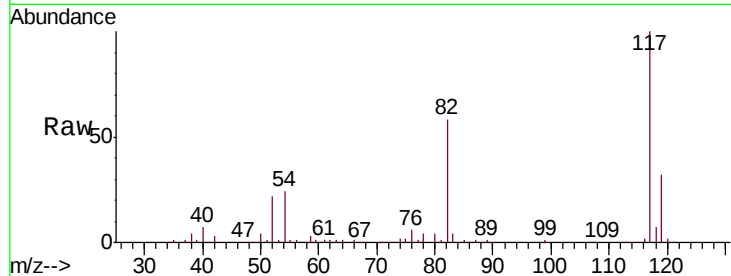




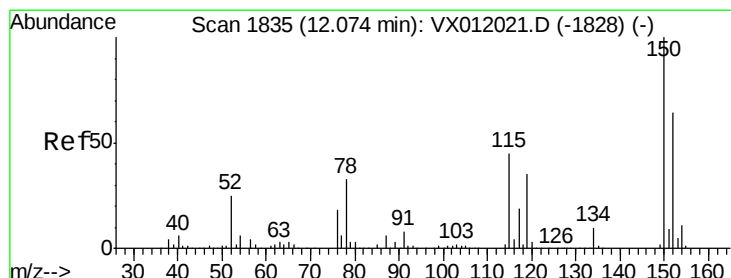
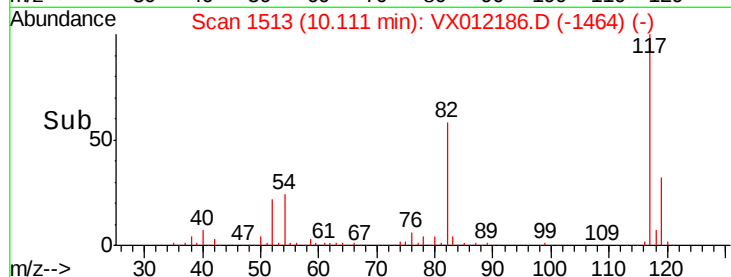
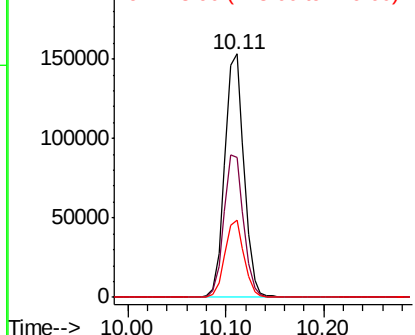
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012186.D
Acq: 07 Sep 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
T12-E4-(2.7)

Tgt Ion:117 Resp: 209162
Ion Ratio Lower Upper
117 100
82 57.7 39.4 59.0
119 31.7 26.1 39.1

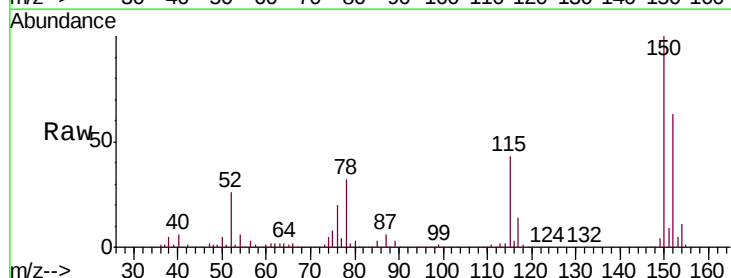


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

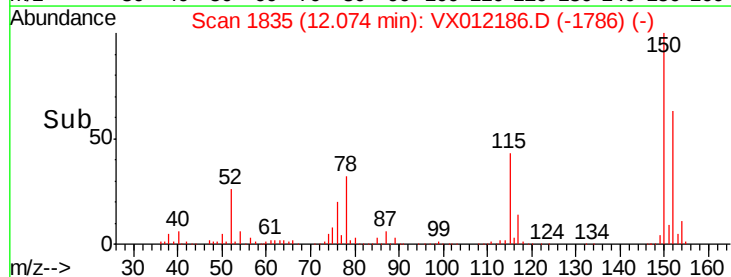
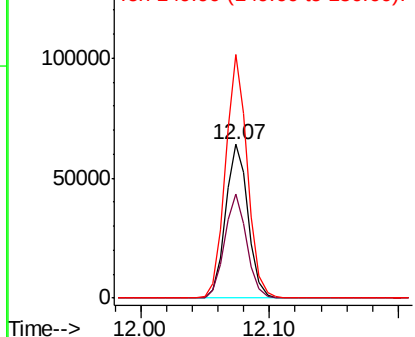


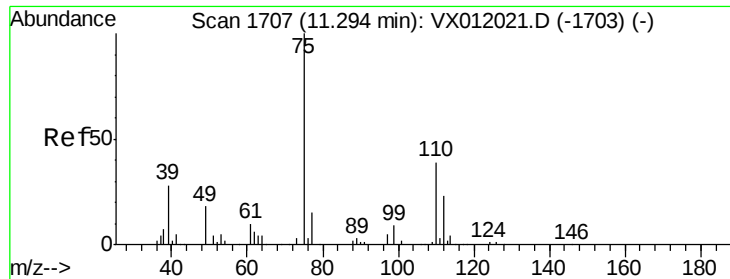
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012186.D
Acq: 07 Sep 2019 19:51

Tgt Ion:152 Resp: 78874
Ion Ratio Lower Upper
152 100
115 66.8 36.4 109.3
150 153.4 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: 58.290 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012186.D

Acq: 07 Sep 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

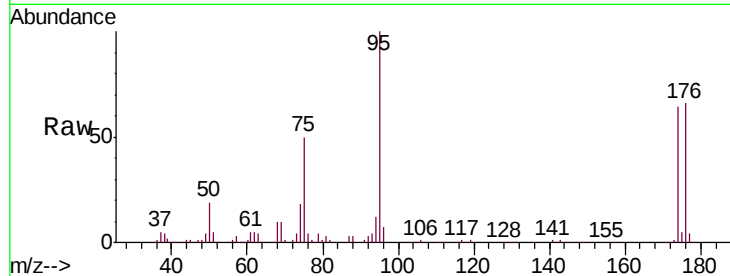
T12-E4-(2.7)

Tgt Ion: 75 Resp: 56175

Ion Ratio Lower Upper

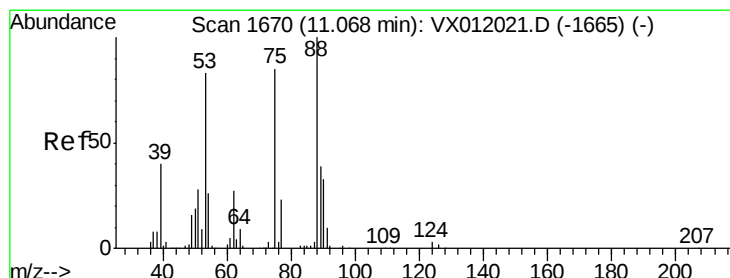
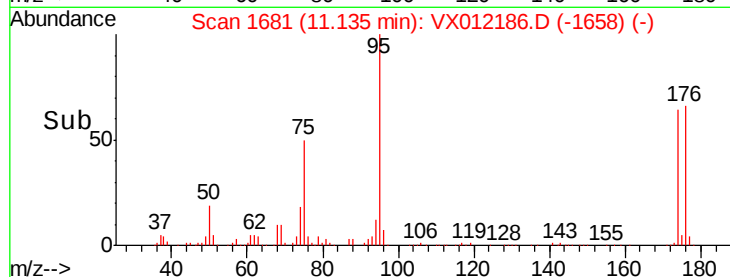
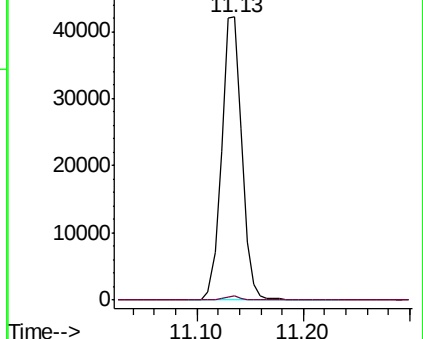
75 100

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: 137.806 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012186.D

Acq: 07 Sep 2019 19:51

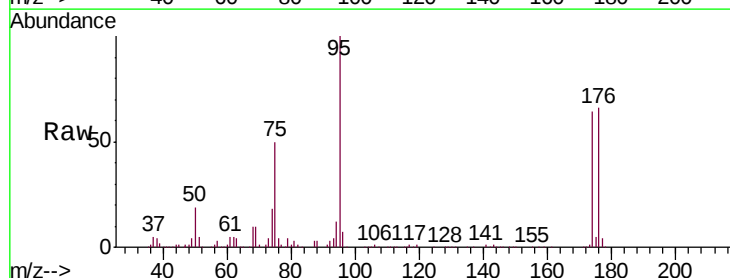
Tgt Ion: 75 Resp: 56175

Ion Ratio Lower Upper

75 100

53 0.0 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

