

Data File : VX012200.D
Acq On : 08 Sep 2019 04:24
Operator : SY/SP
Sample : K4669-01
Misc : 4.63g/5.0mL/MSVOA_X/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TR-05-090519

Quant Time: Sep 08 07:50:47 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	151447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	107389	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	5.48	113	80551	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	312988	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.13	95	125618	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

Target Compounds

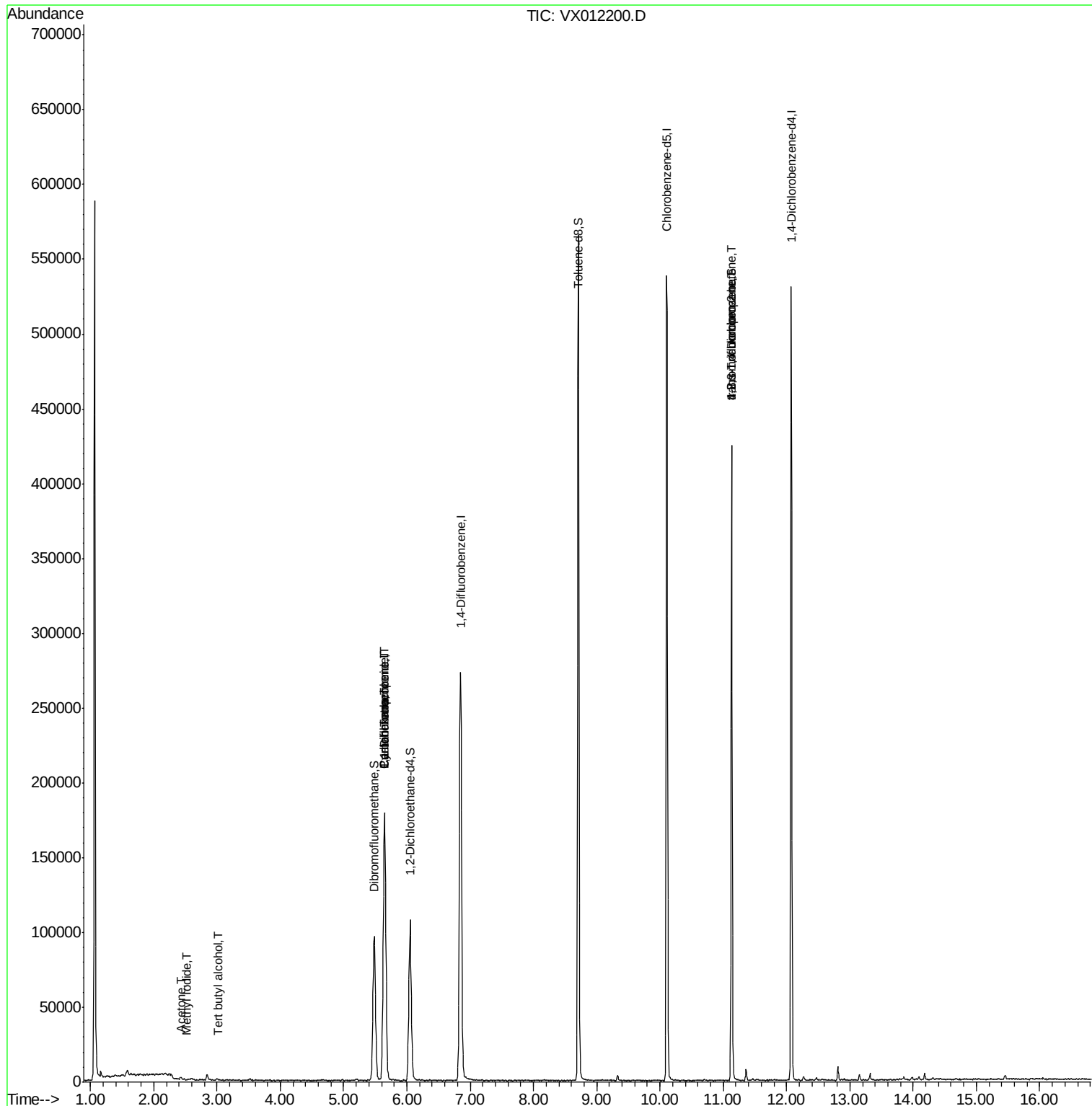
					Qvalue	
10) Methyl Iodide	2.51	142	118	7.053	ug/l #	40
11) Tert butyl alcohol	3.02	59	568	2.830	ug/l #	75
13) Acrolein	2.29	56	180	Below Cal	#	76
16) Acetone	2.43	43	1358	2.719	ug/l #	39
31) Cyclohexane	5.64	56	3988	1.557	ug/l #	15
36) 1,1-Dichloropropene	5.65	75	14120	6.057	ug/l #	48
38) Carbon Tetrachloride	5.65	117	17877	7.278	ug/l #	14
76) 1,2,3-Trichloropropane	11.13	75	64473	52.181	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	64473	123.365	ug/l #	10

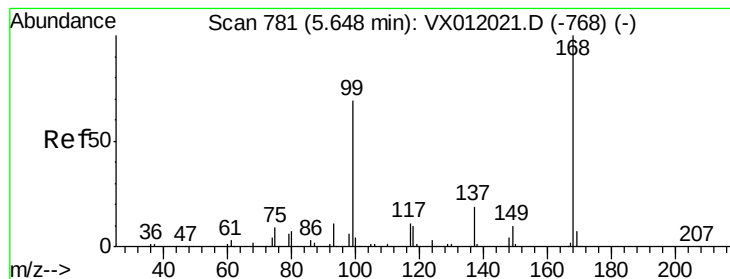
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012200.D

Acq: 08 Sep 2019 04:24

Instrument :

MSVOA_X

ClientSampleId :

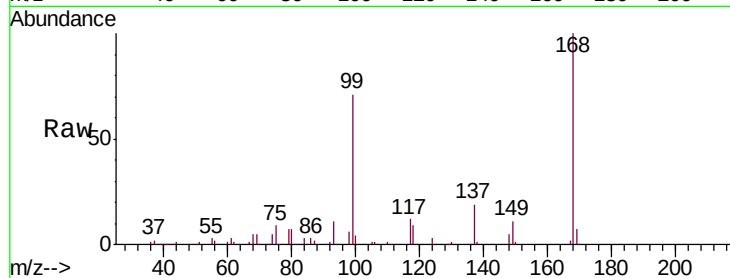
TR-05-090519

Tgt Ion:168 Resp: 151447

Ion Ratio Lower Upper

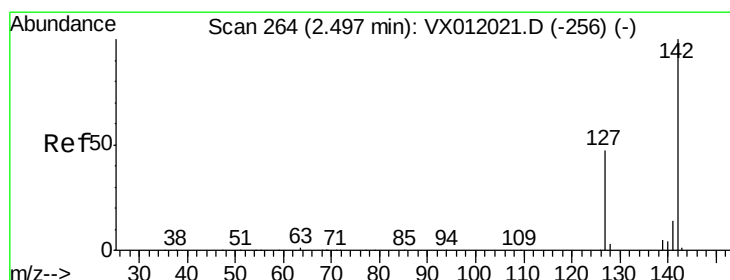
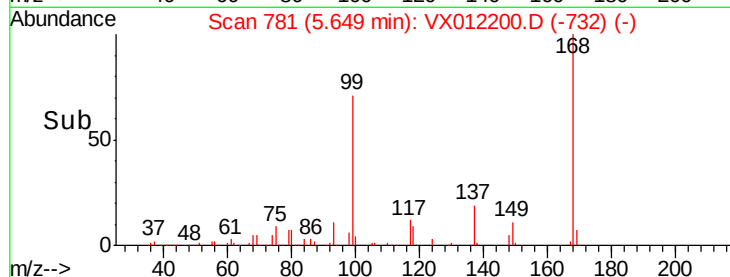
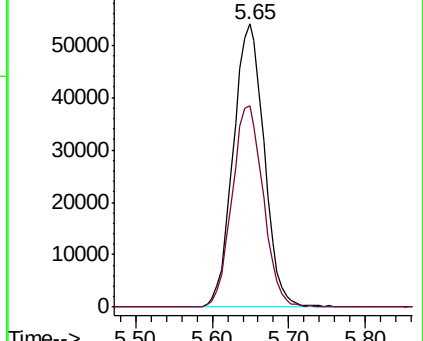
168 100

99 71.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 7.053 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012200.D

Acq: 08 Sep 2019 04:24

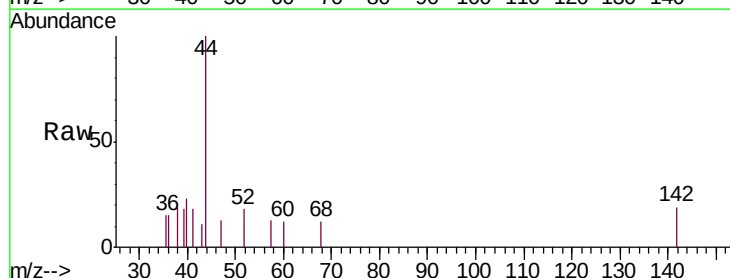
Tgt Ion:142 Resp: 118

Ion Ratio Lower Upper

142 100

127 0.0 35.4 53.2#

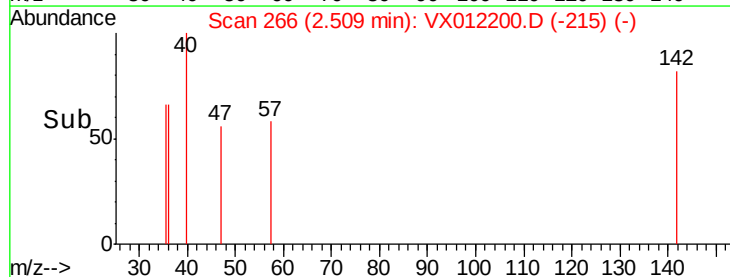
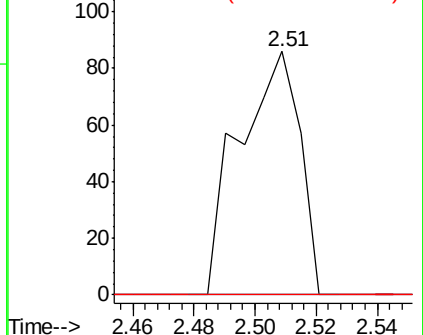
141 0.0 11.4 17.2#

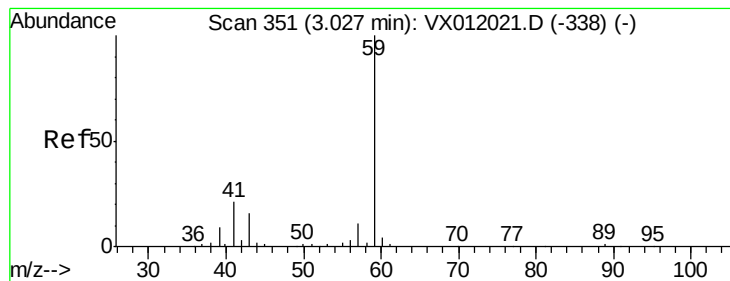


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



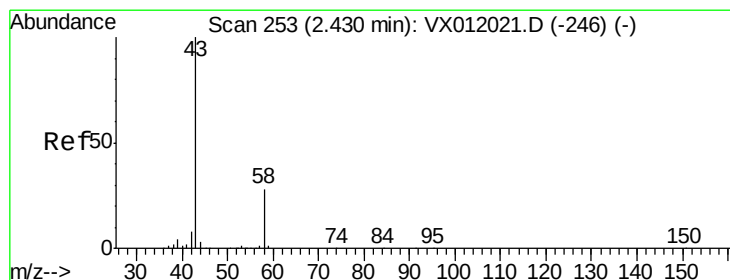
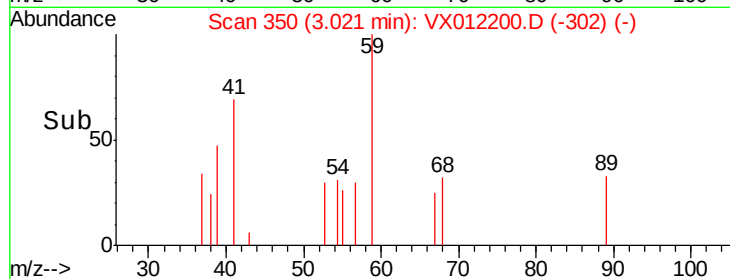
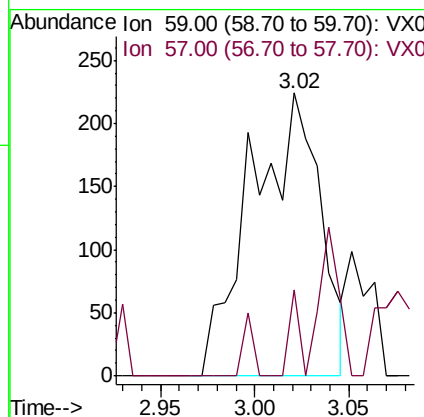
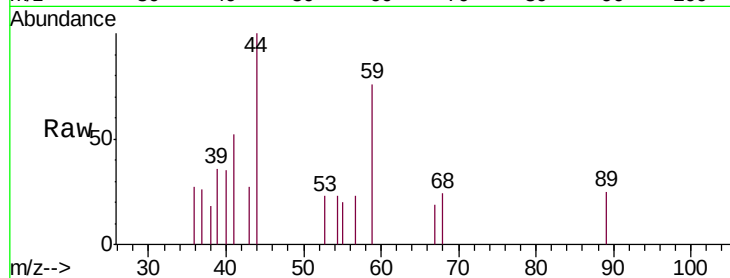


#11

Tert butyl alcohol
 Concen: 2.830 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX012200.D
 Acq: 08 Sep 2019 04:24

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-090519

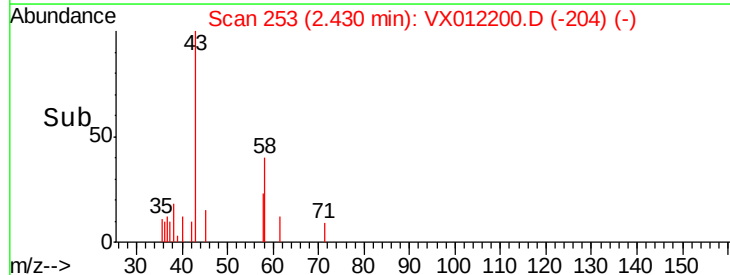
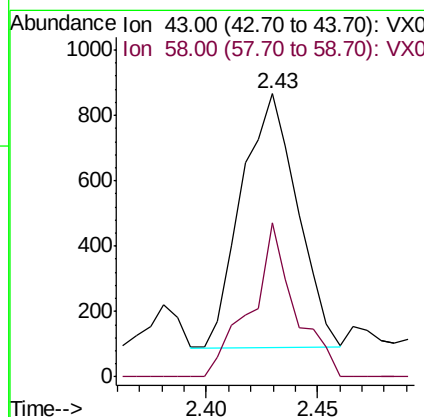
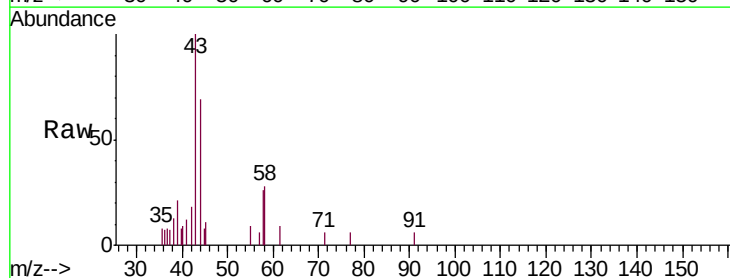
Tgt Ion: 59 Resp: 568
 Ion Ratio Lower Upper
 59 100
 57 19.2 7.9 11.9#

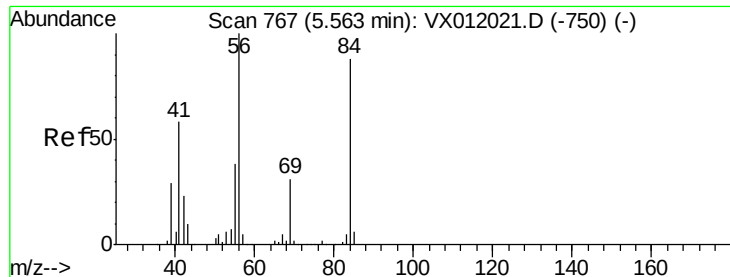


#16

Acetone
 Concen: 2.719 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012200.D
 Acq: 08 Sep 2019 04:24

Tgt Ion: 43 Resp: 1358
 Ion Ratio Lower Upper
 43 100
 58 61.0 22.8 34.2#

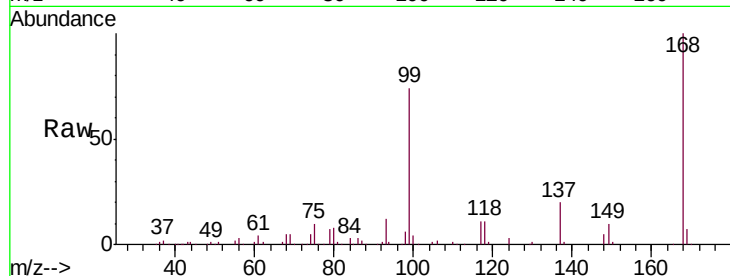




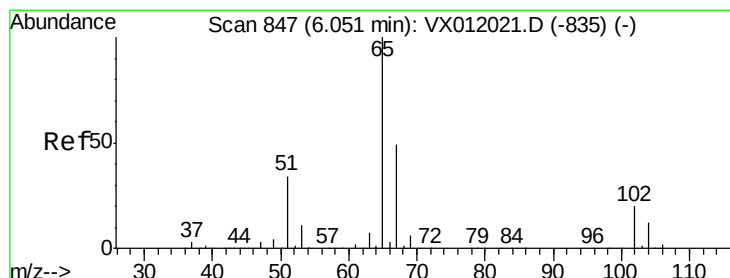
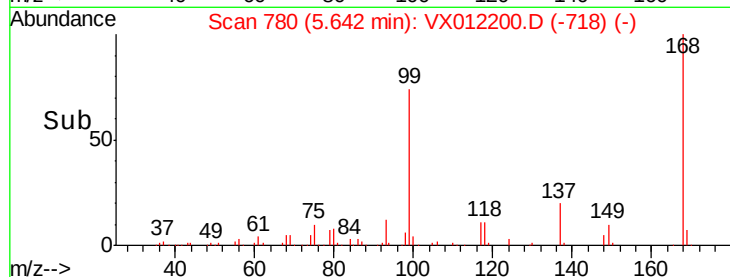
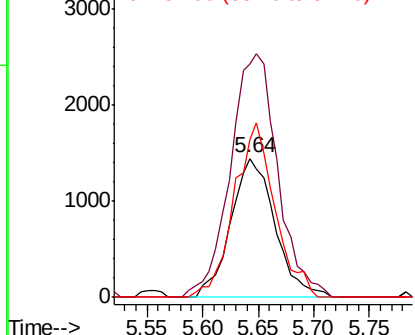
#31
Cyclohexane
Concen: 1.557 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.08 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
TR-05-090519

Tgt Ion: 56 Resp: 3988
Ion Ratio Lower Upper
56 100
69 168.3 25.7 38.5#
84 113.6 70.3 105.5#

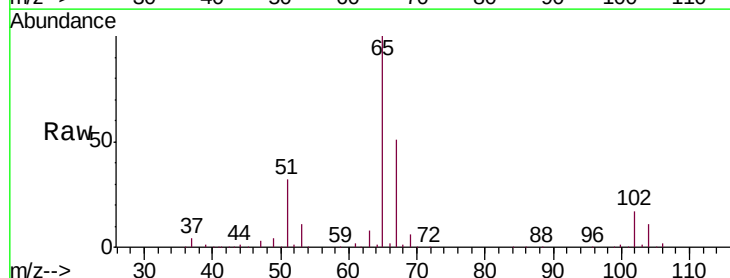


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

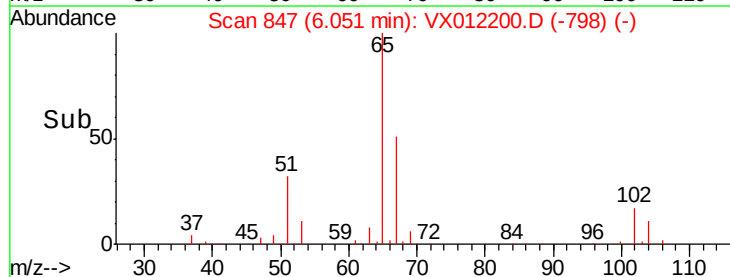
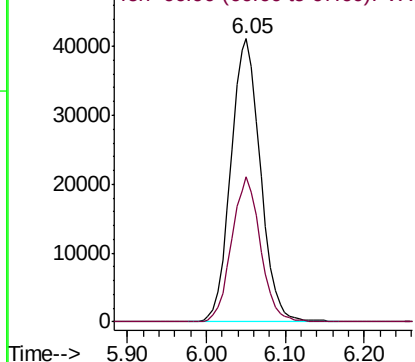


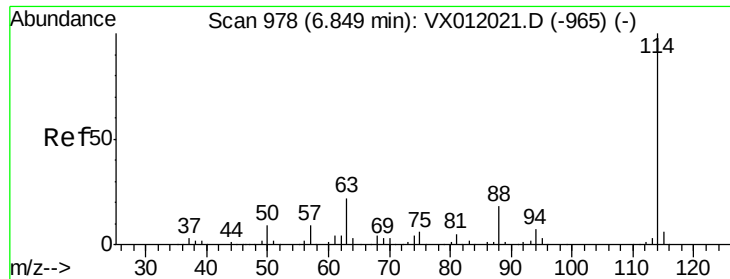
#33
1,2-Dichloroethane-d4
Concen: 51.390 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

Tgt Ion: 65 Resp: 107389
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.0



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

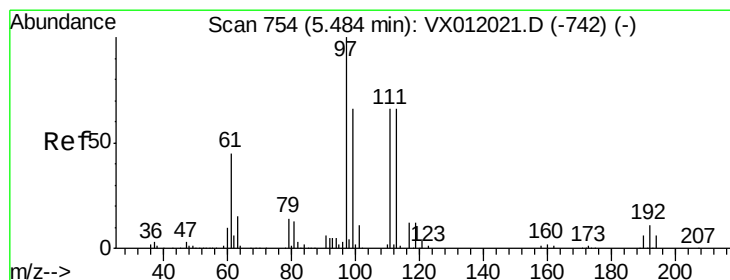
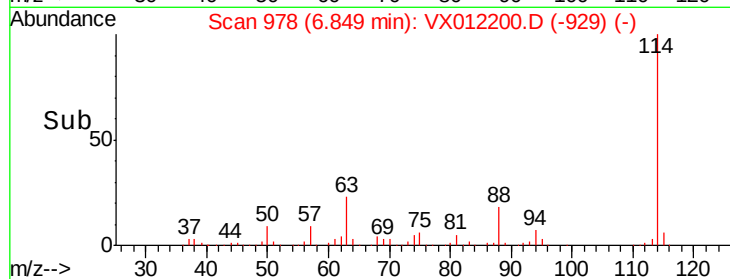
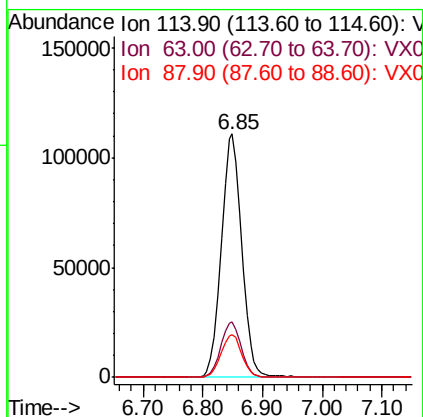
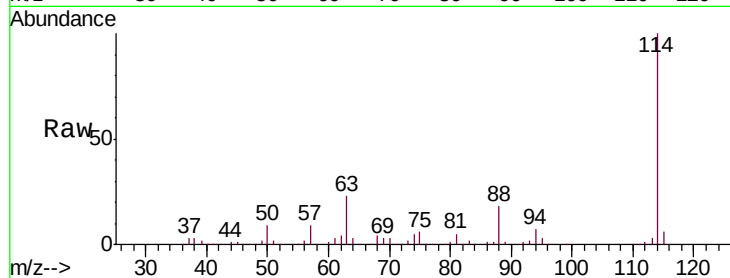




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012200.D
 Acq: 08 Sep 2019 04:24

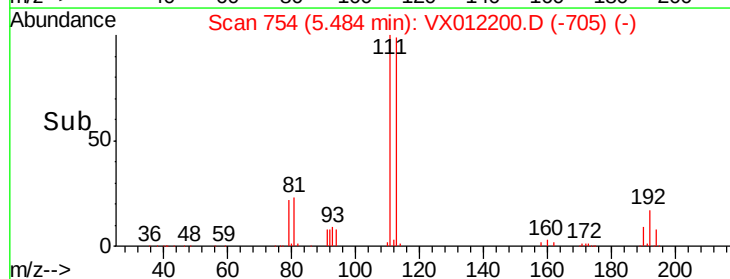
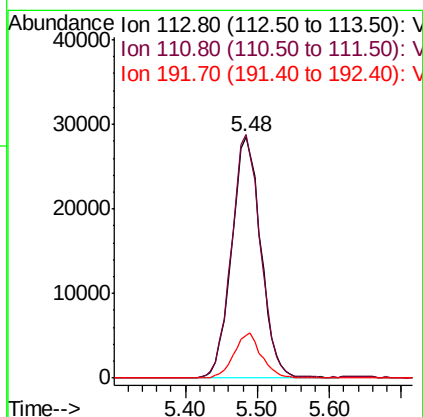
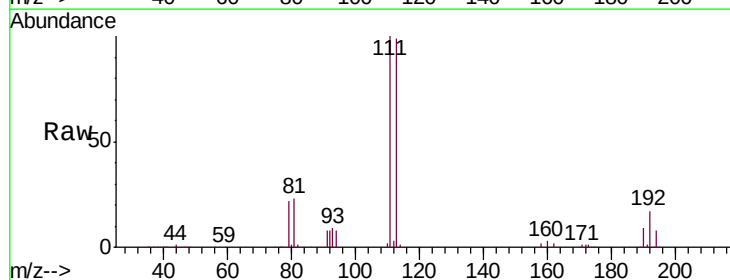
Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-090519

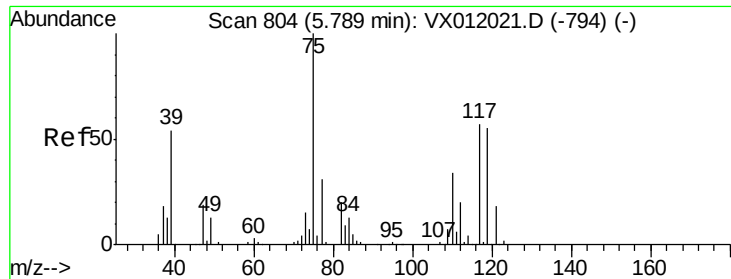
Tgt Ion:114 Resp: 264669
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 37.4
 88 17.6 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 49.489 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012200.D
 Acq: 08 Sep 2019 04:24

Tgt Ion:113 Resp: 80551
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.7 122.5
 192 17.4 22.5 33.7#

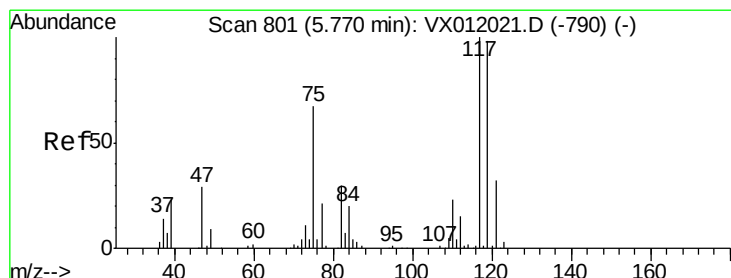
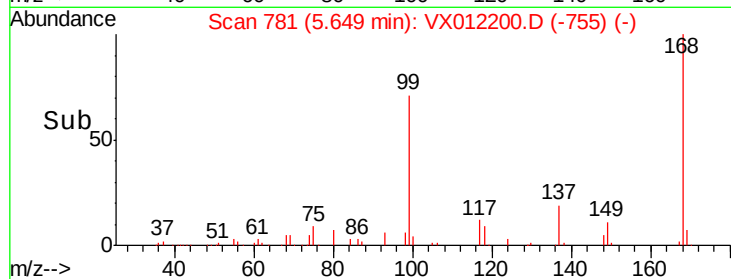
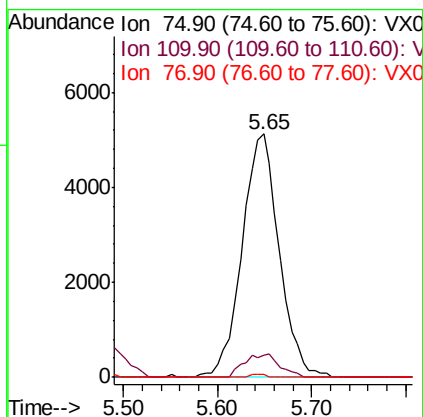
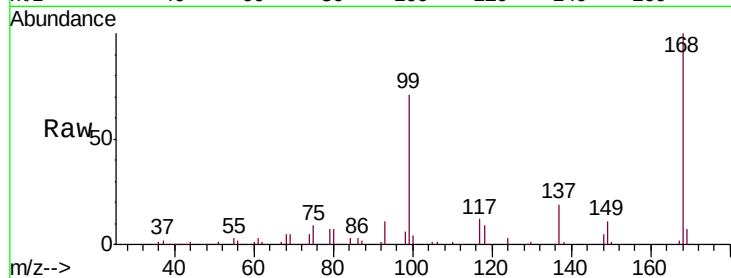




#36
 1,1-Dichloropropene
 Concen: 6.057 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012200.D
 Acq: 08 Sep 2019 04:24

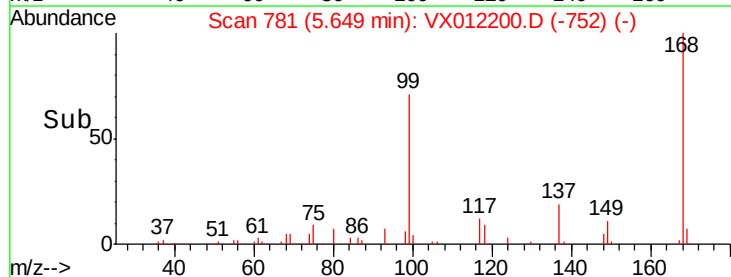
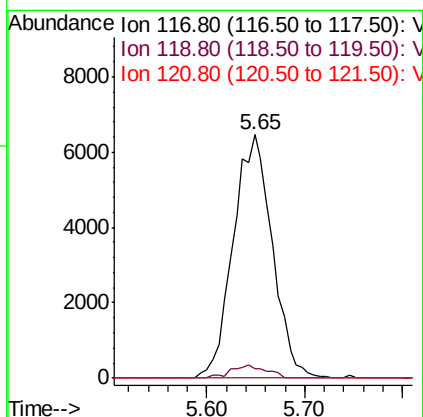
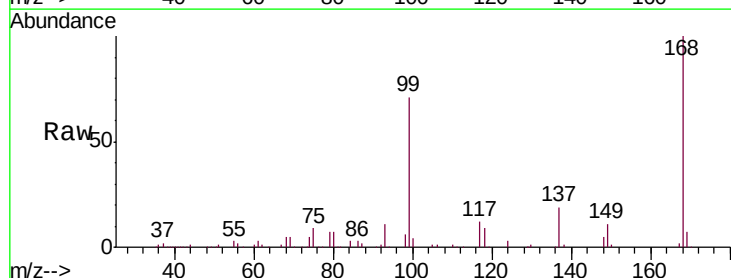
Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-090519

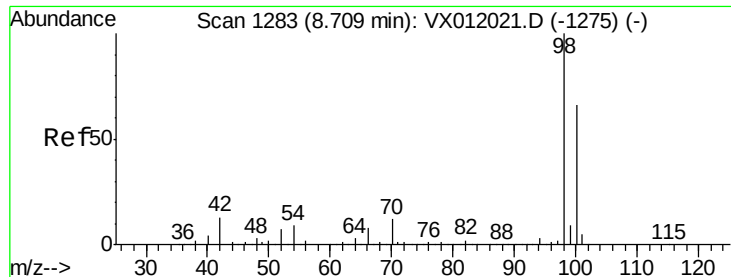
Tgt Ion: 75 Resp: 14120
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.5 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.278 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012200.D
 Acq: 08 Sep 2019 04:24

Tgt Ion: 117 Resp: 17877
 Ion Ratio Lower Upper
 117 100
 119 4.0 78.3 117.5#
 121 0.0 24.2 36.2#

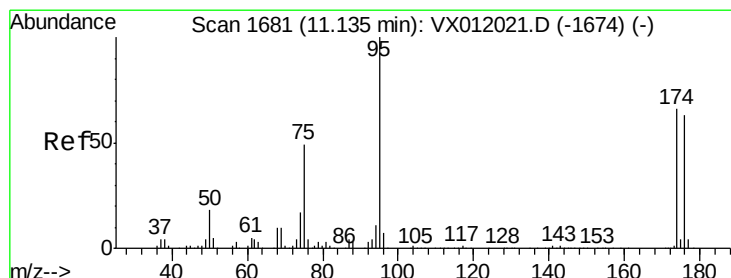
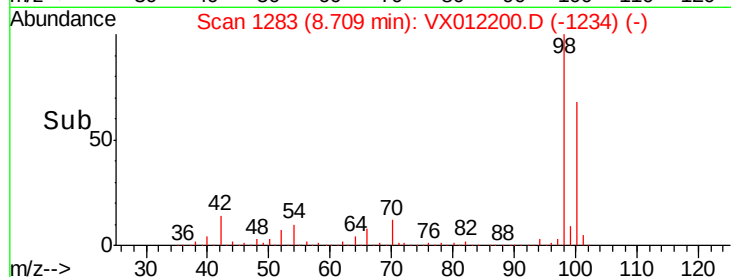
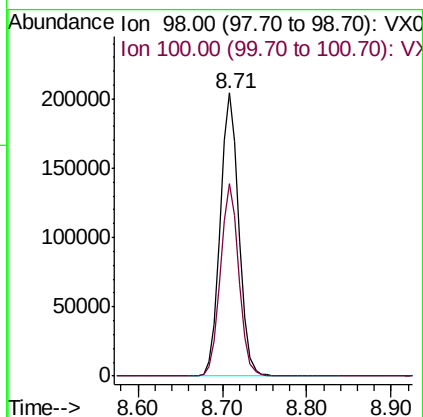
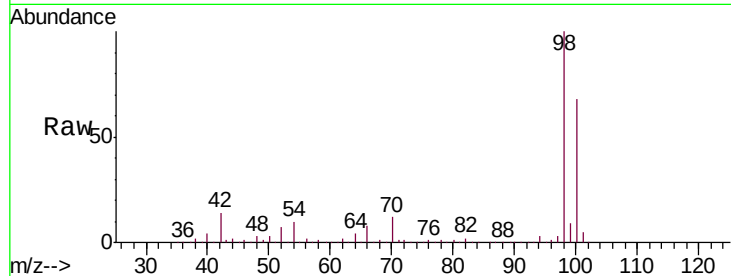




#50
Toluene-d8
Concen: 52.403 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

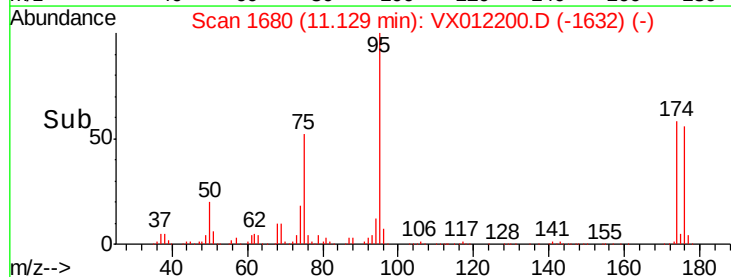
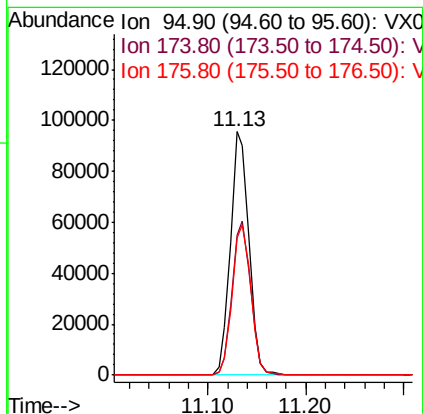
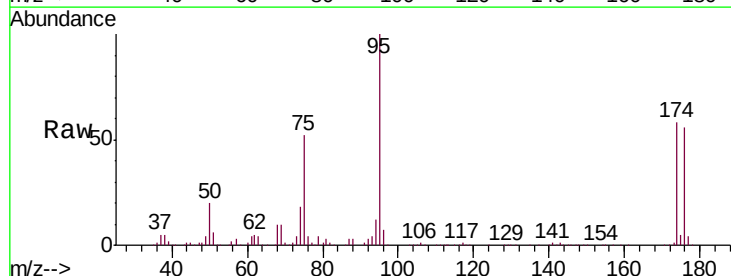
Instrument :
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TR-05-090519

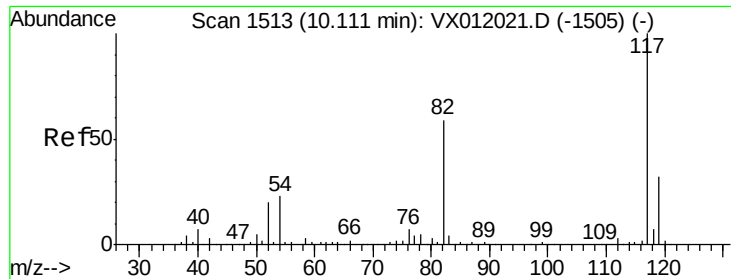
Tgt Ion: 98 Resp: 312988
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.224 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

Tgt Ion: 95 Resp: 125618
Ion Ratio Lower Upper
95 100
174 63.7 0.0 205.4
176 62.3 0.0 201.8

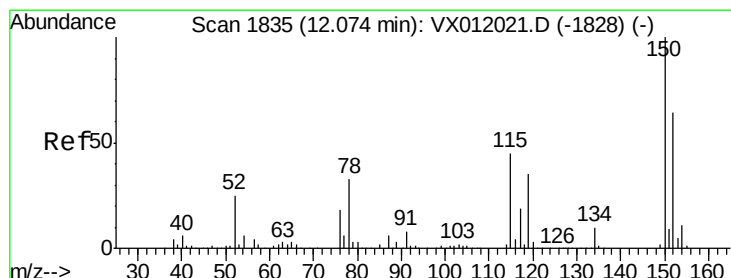
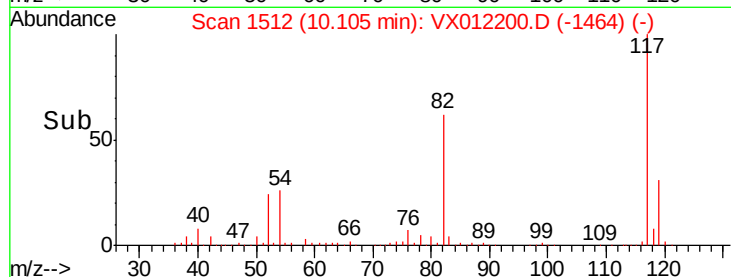
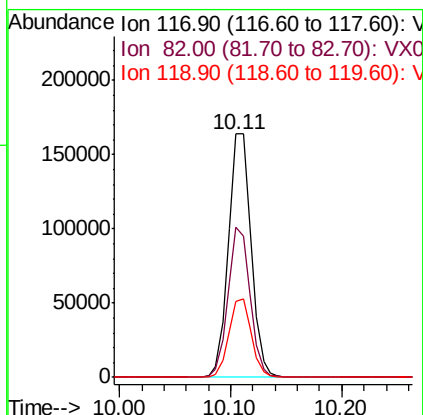
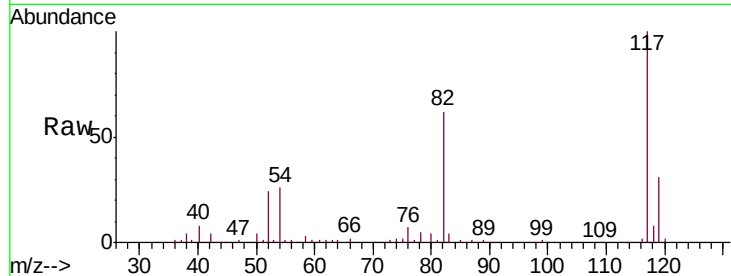




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

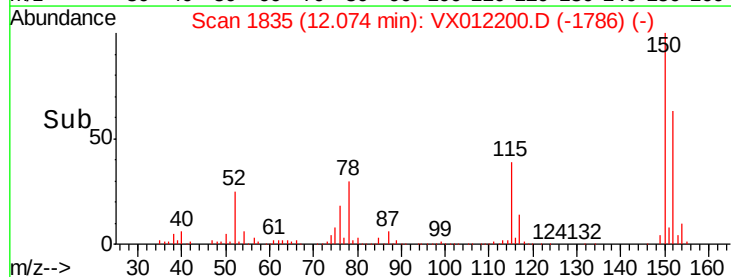
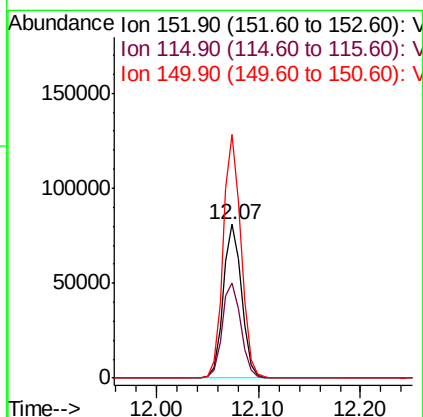
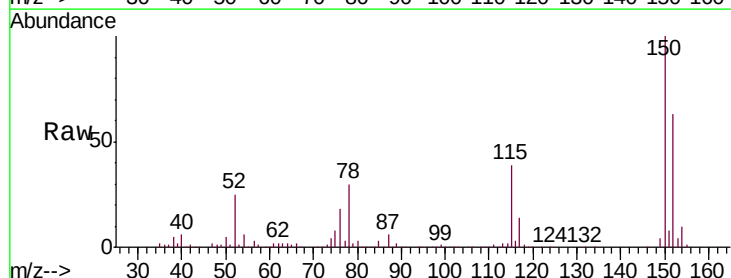
Instrument :
MSVOA_X
ClientSampleId :
TR-05-090519

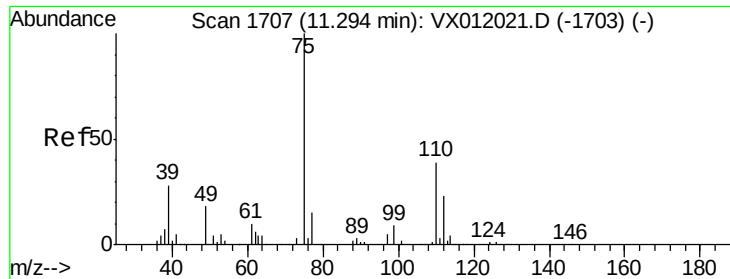
Tgt Ion:117 Resp: 232661
Ion Ratio Lower Upper
117 100
82 61.6 39.4 59.0#
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

Tgt Ion:152 Resp: 101122
Ion Ratio Lower Upper
152 100
115 63.1 36.4 109.3
150 154.4 0.0 341.2





#76

1,2,3-Trichloropropane

Concen: 52.181 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012200.D

Acq: 08 Sep 2019 04:24

Instrument :

MSVOA_X

ClientSampled :

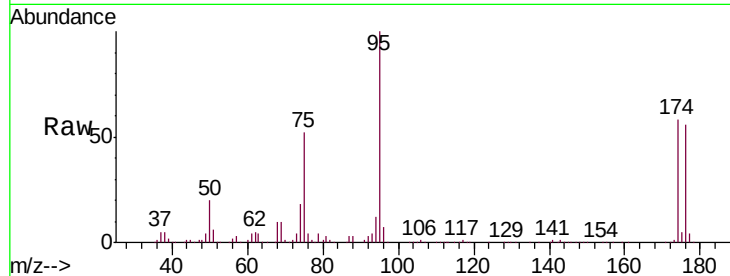
TR-05-090519

Tgt Ion: 75 Resp: 64473

Ion Ratio Lower Upper

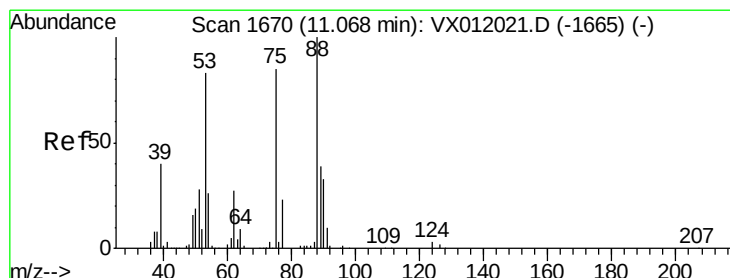
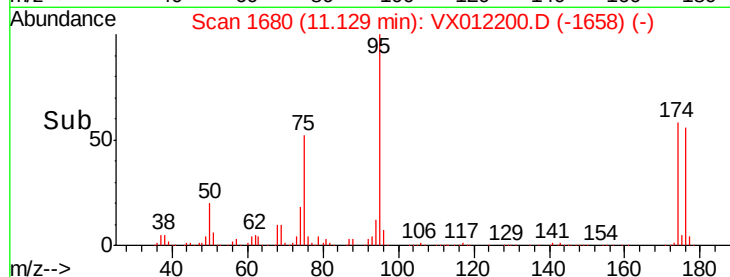
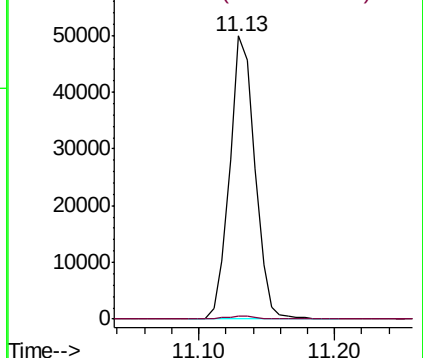
75 100

77 1.3 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: 123.365 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012200.D

Acq: 08 Sep 2019 04:24

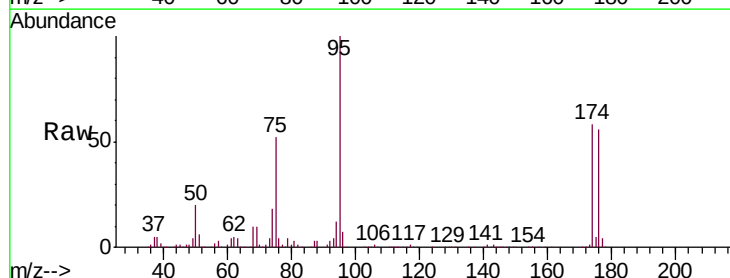
Tgt Ion: 75 Resp: 64473

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

