

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011487.D
 Acq On : 12 Aug 2019 16:39
 Operator : JC/SP
 Sample : K4278-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0707

Quant Time: Aug 13 07:40:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

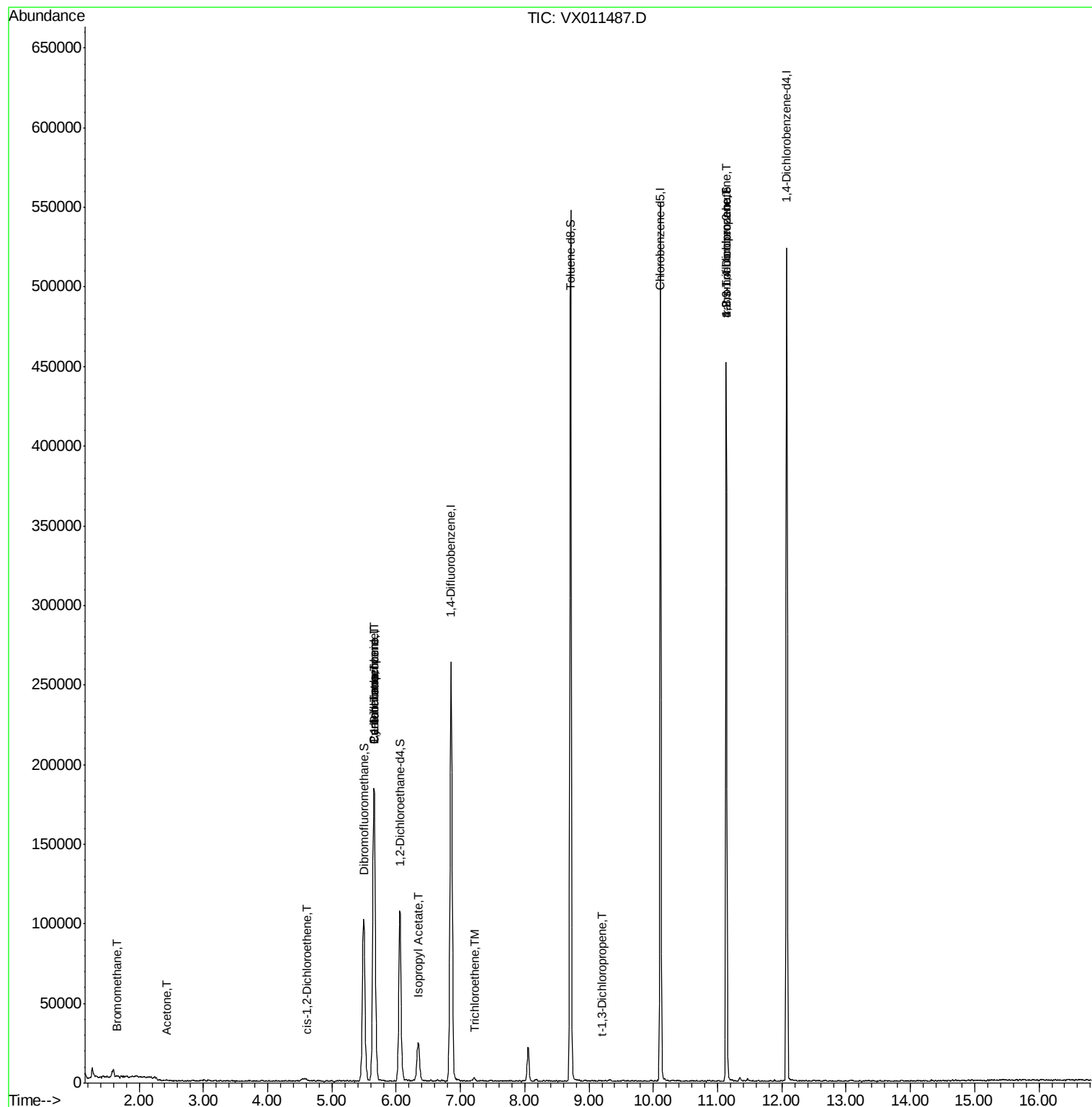
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	101583	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	5.49	113	84651	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	324482	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.13	95	109605	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.65	94	418	0.335	ug/l	81
6) Chloroethane	1.73	64	173	Below Cal	#	3
13) Acrolein	2.30	56	82	Below Cal	#	1
16) Acetone	2.43	43	193	0.220	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	485	0.239	ug/l #	1
31) Cyclohexane	5.65	56	3503	1.473	ug/l #	4
36) 1,1-Dichloropropene	5.65	75	12349	5.136	ug/l #	49
38) Carbon Tetrachloride	5.66	117	17735	7.331	ug/l #	14
43) Isopropyl Acetate	6.35	43	5865	1.521	ug/l #	60
44) Trichloroethene	7.21	130	693	0.319	ug/l	89
53) t-1,3-Dichloropropene	9.19	75	53	2.857	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	55292	26.834	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	55292	69.694	ug/l #	10

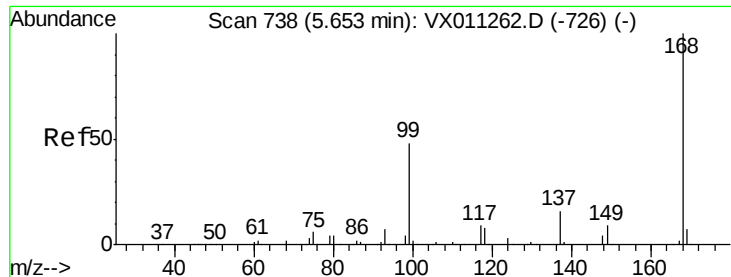
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011487.D
Acq On : 12 Aug 2019 16:39
Operator : JC/SP
Sample : K4278-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z3-0707

Quant Time: Aug 13 07:40:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

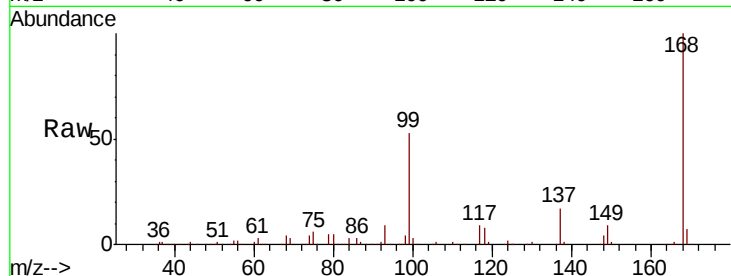
Z3-0707

Tgt Ion:168 Resp: 183318

Ion Ratio Lower Upper

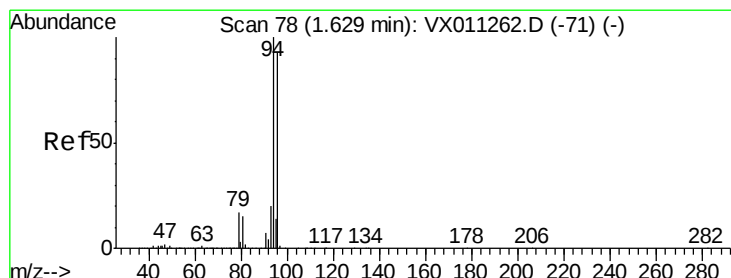
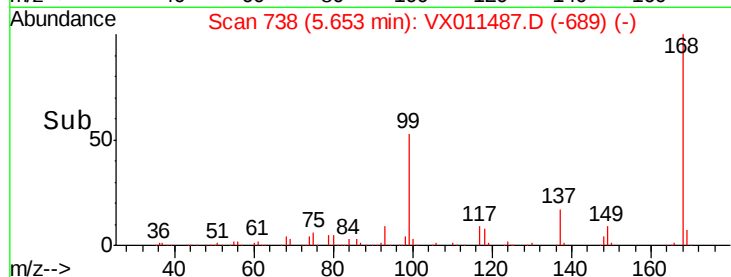
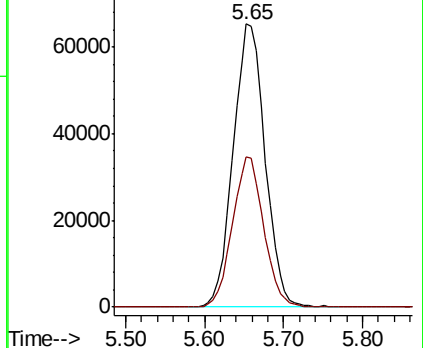
168 100

99 53.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.335 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.02 min

Lab File: VX011487.D

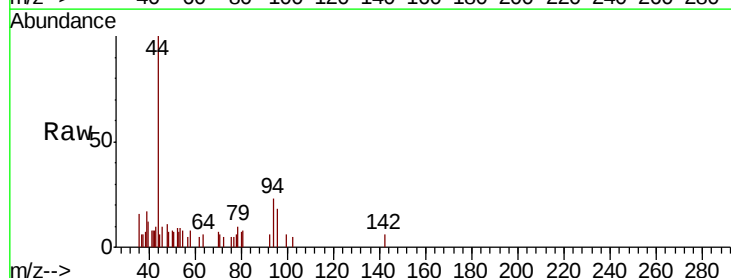
Acq: 12 Aug 2019 16:39

Tgt Ion: 94 Resp: 418

Ion Ratio Lower Upper

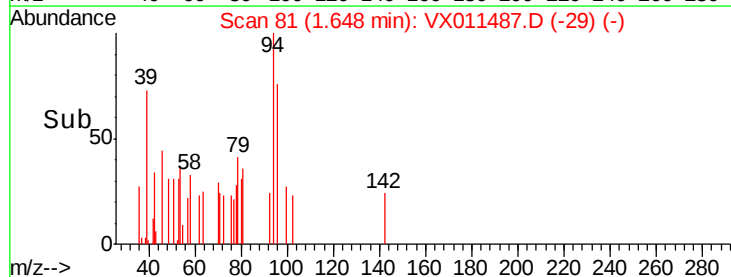
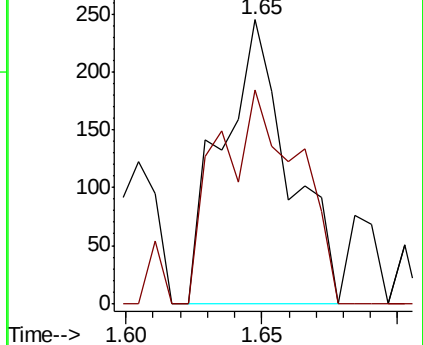
94 100

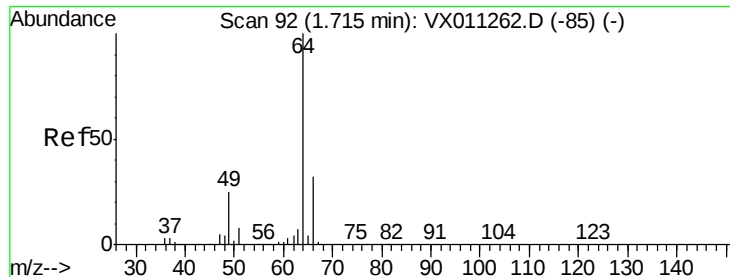
96 75.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampled :

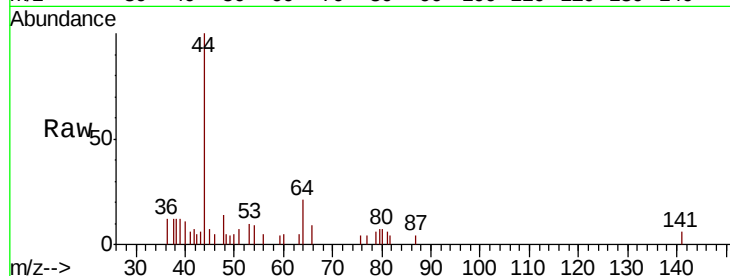
Z3-0707

Tgt Ion: 64 Resp: 173

Ion Ratio Lower Upper

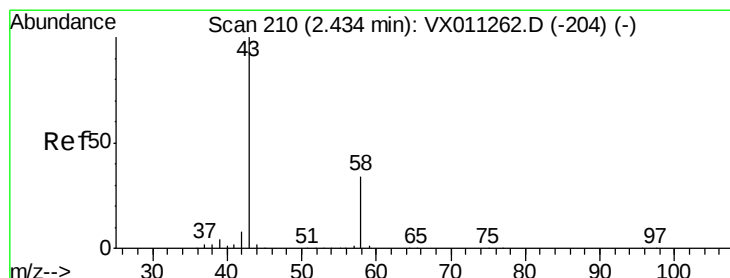
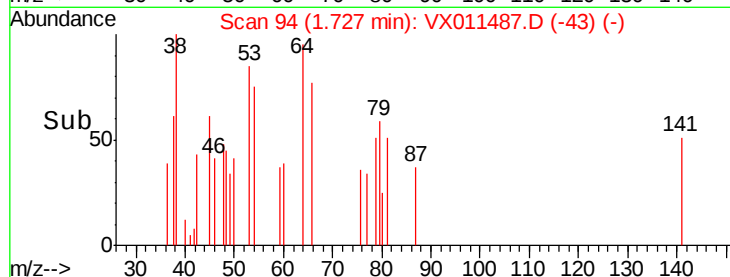
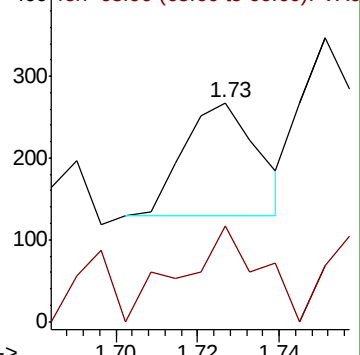
64 100

66 84.8 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#16

Acetone

Concen: 0.220 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX011487.D

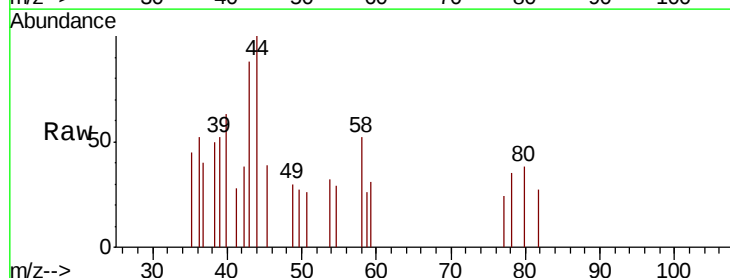
Acq: 12 Aug 2019 16:39

Tgt Ion: 43 Resp: 193

Ion Ratio Lower Upper

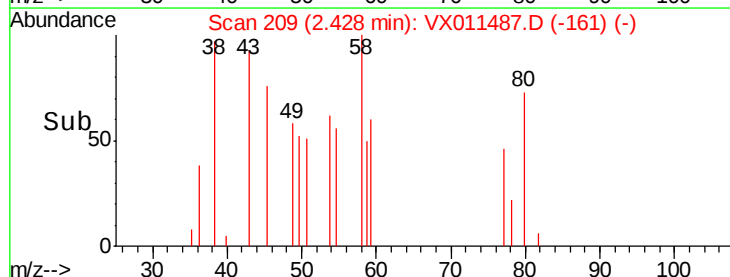
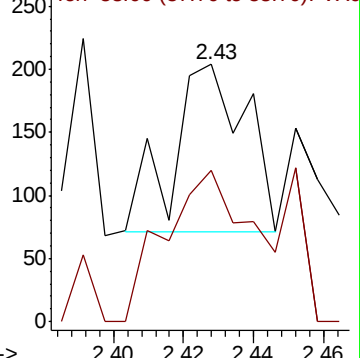
43 100

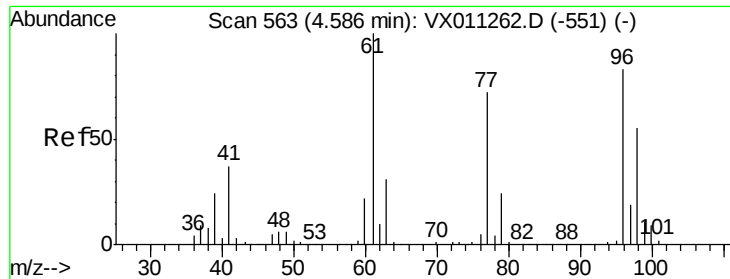
58 135.3 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



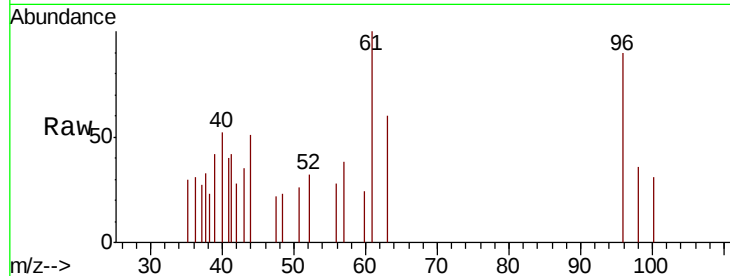


#27

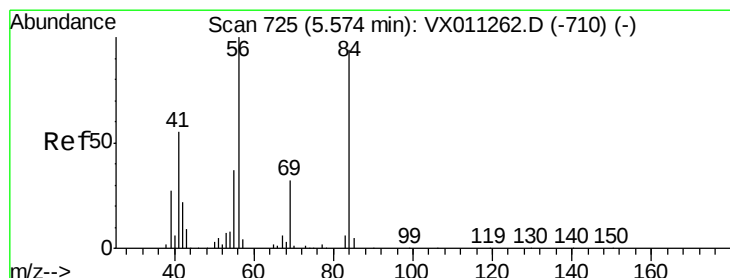
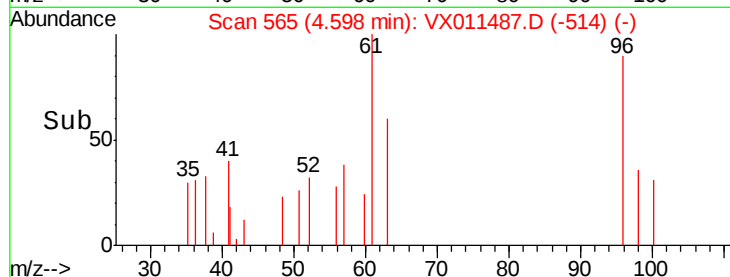
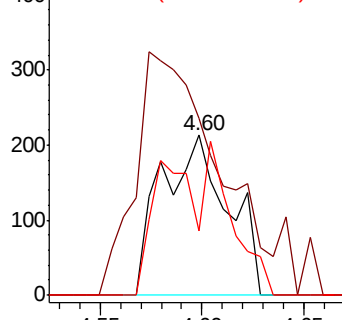
cis-1,2-Dichloroethene
Concen: 0.239 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX011487.D
Acq: 12 Aug 2019 16:39

Instrument :
MSVOA_X
ClientSampleId :
Z3-0707

Tgt Ion: 96 Resp: 485
Ion Ratio Lower Upper
96 100
61 0.0 0.0 260.2
98 0.0 0.0 133.2



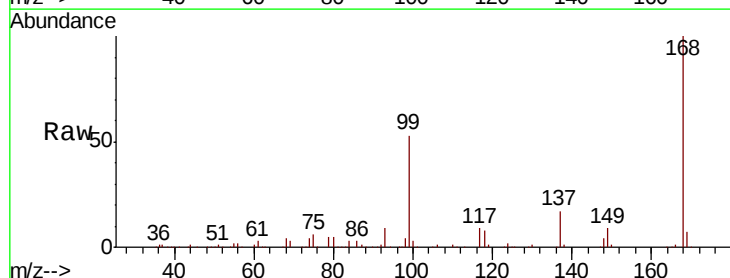
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



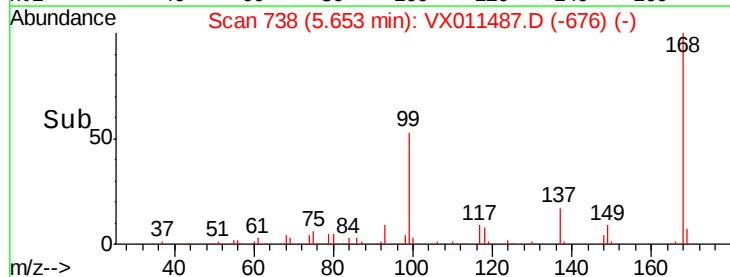
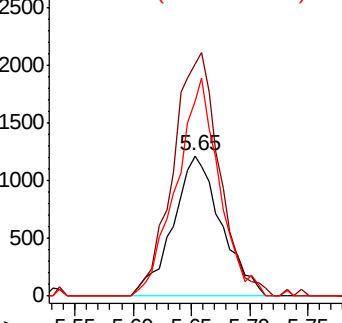
#31

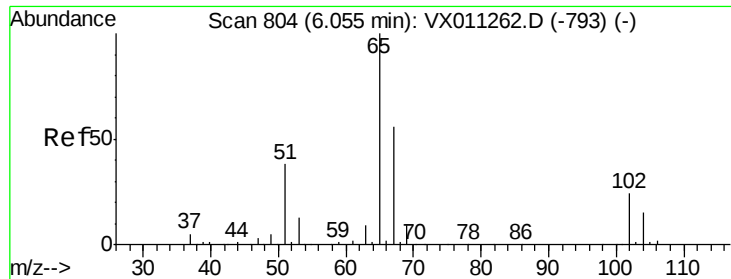
Cyclohexane
Concen: 1.473 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011487.D
Acq: 12 Aug 2019 16:39

Tgt Ion: 56 Resp: 3503
Ion Ratio Lower Upper
56 100
69 165.5 25.5 38.3#
84 139.6 75.0 112.4#



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

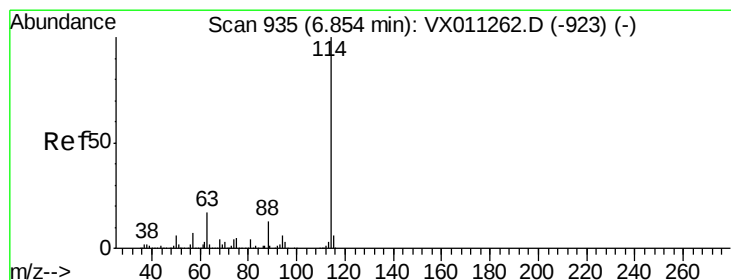
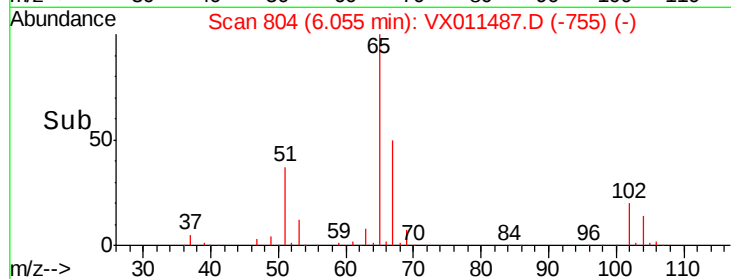
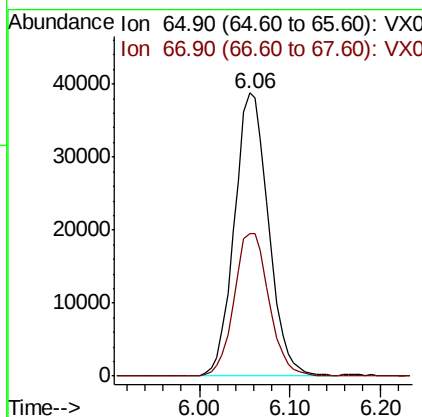
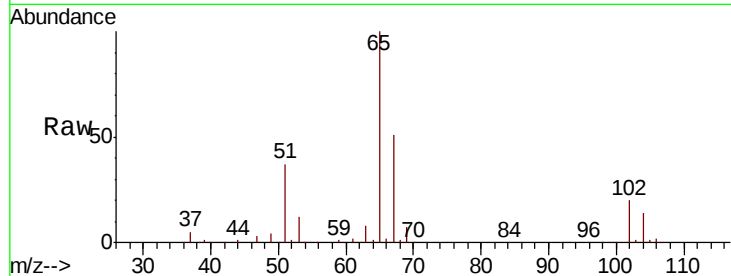




#33
 1,2-Dichloroethane-d4
 Concen: 55.025 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011487.D
 Acq: 12 Aug 2019 16:39

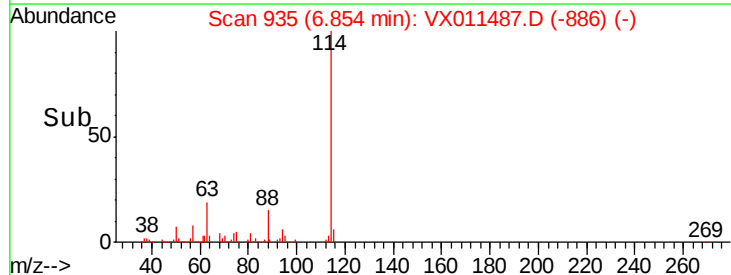
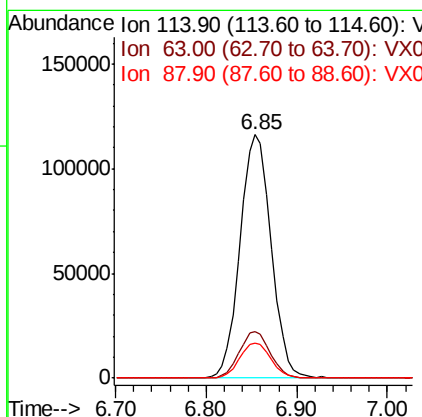
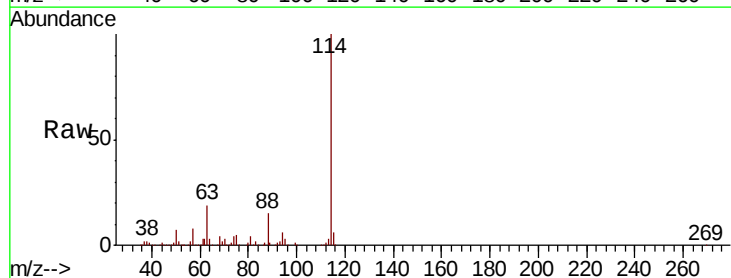
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0707

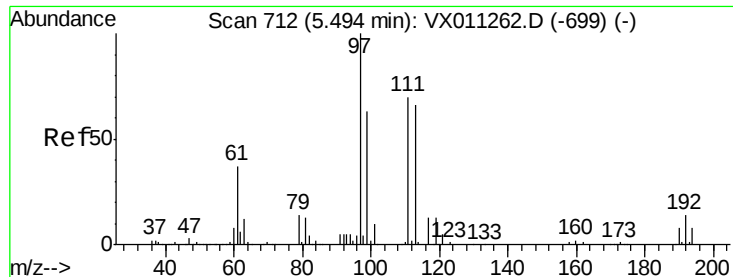
Tgt Ion: 65 Resp: 101583
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011487.D
 Acq: 12 Aug 2019 16:39

Tgt Ion: 114 Resp: 275409
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 34.0
 88 14.5 0.0 26.4

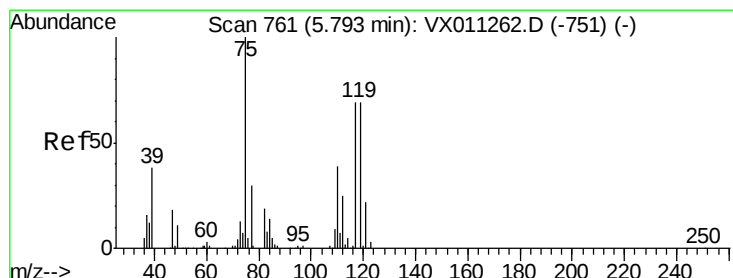
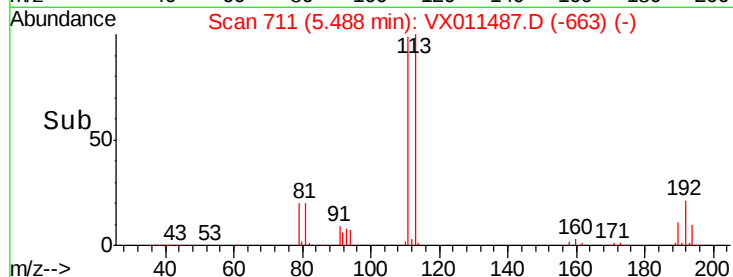
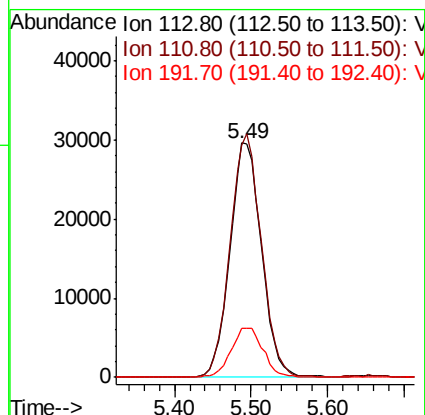
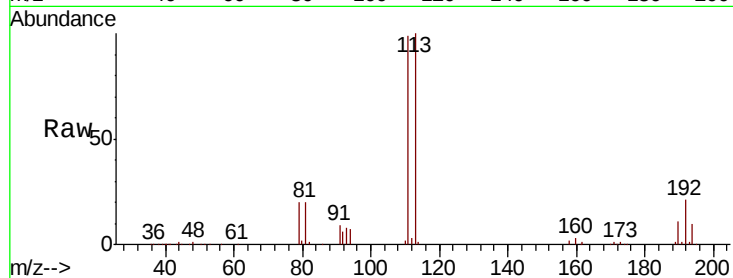




#35
 Dibromofluoromethane
 Concen: 47.078 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011487.D
 Acq: 12 Aug 2019 16:39

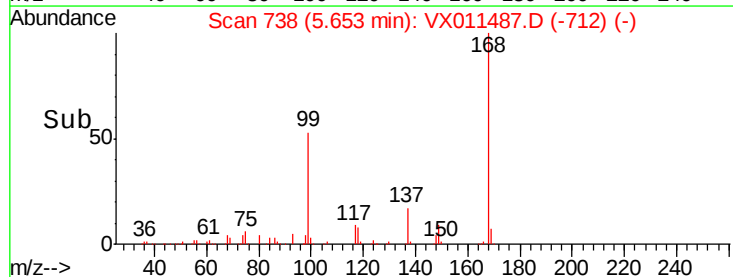
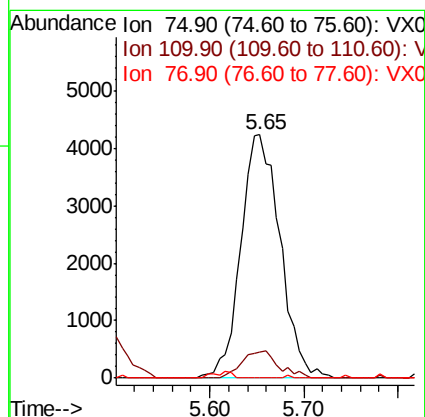
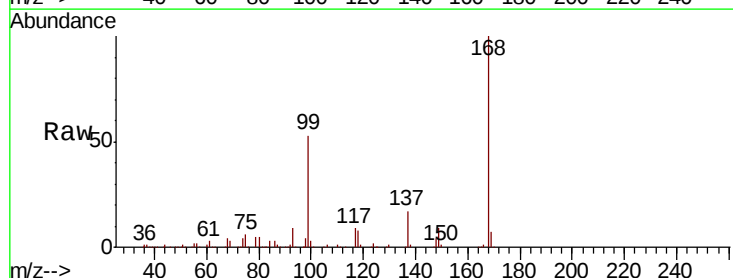
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0707

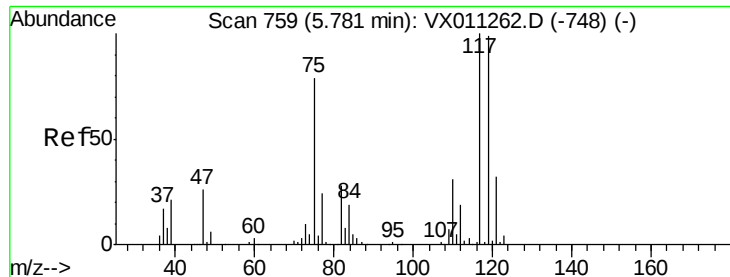
Tgt Ion: 113 Resp: 84651
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 21.4 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 5.136 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011487.D
 Acq: 12 Aug 2019 16:39

Tgt Ion: 75 Resp: 12349
 Ion Ratio Lower Upper
 75 100
 110 10.5 20.0 59.9#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.331 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

Z3-0707

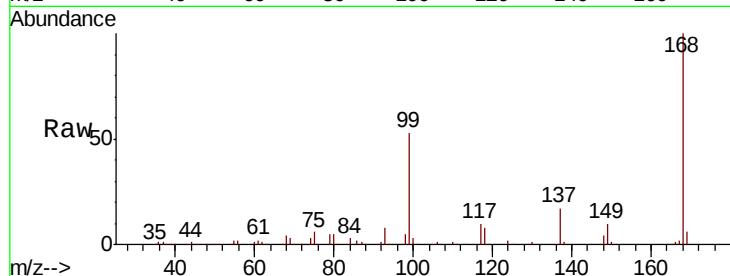
Tgt Ion:117 Resp: 17735

Ion Ratio Lower Upper

117 100

119 4.7 79.0 118.4#

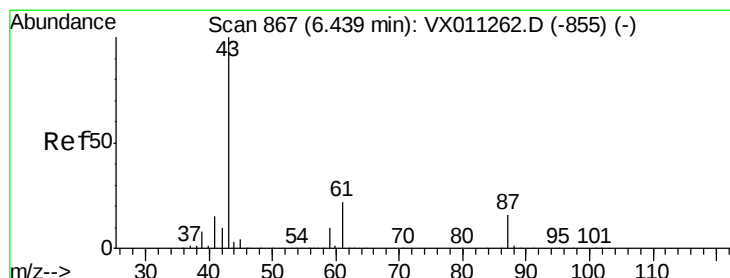
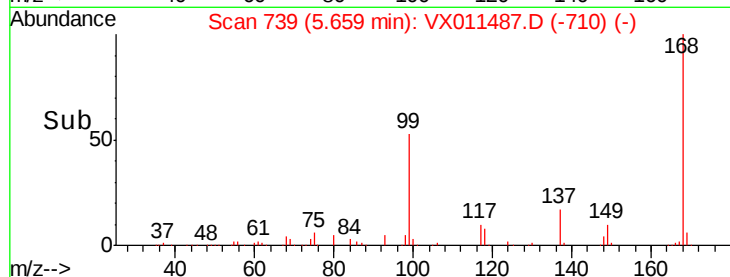
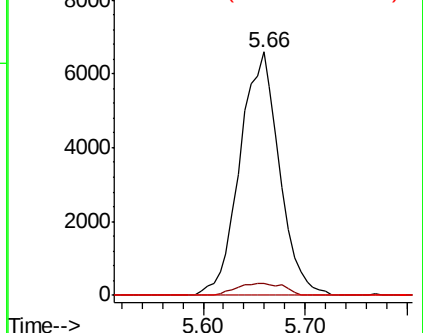
121 0.0 25.9 38.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.521 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.09 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

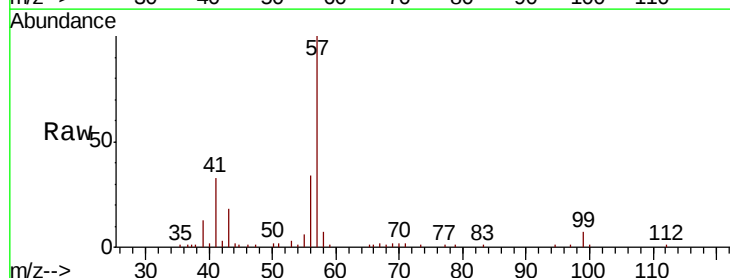
Tgt Ion: 43 Resp: 5865

Ion Ratio Lower Upper

43 100

61 0.8 16.5 24.7#

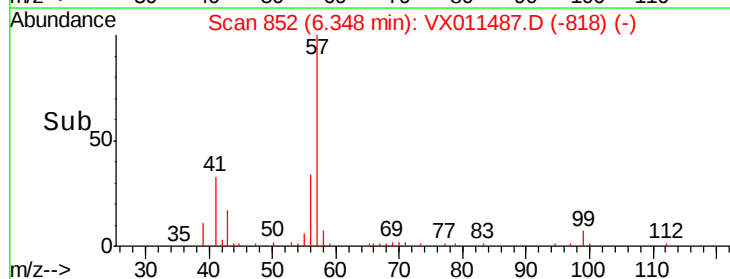
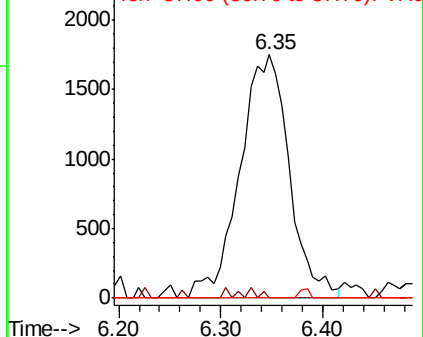
87 0.0 12.1 18.1#

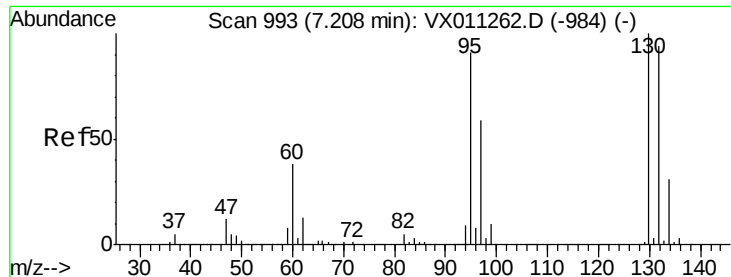


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.319 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

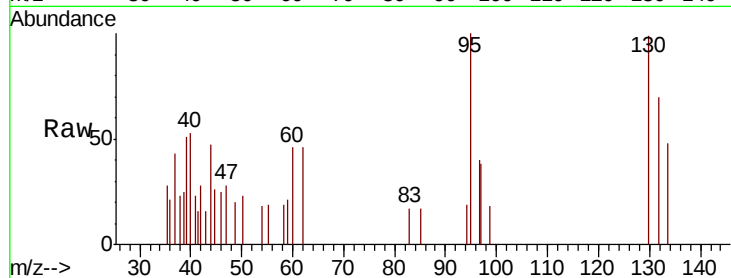
Z3-0707

Tgt Ion:130 Resp: 693

Ion Ratio Lower Upper

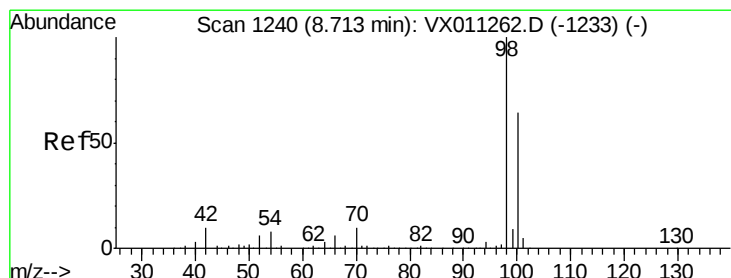
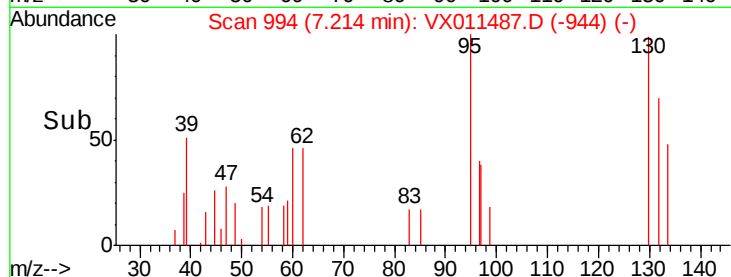
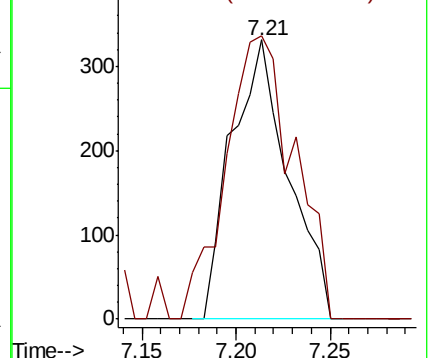
130 100

95 101.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.808 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011487.D

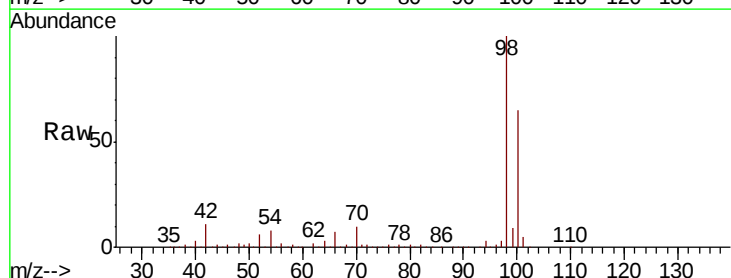
Acq: 12 Aug 2019 16:39

Tgt Ion: 98 Resp: 324482

Ion Ratio Lower Upper

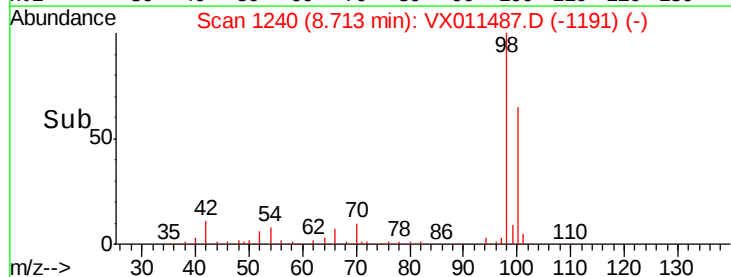
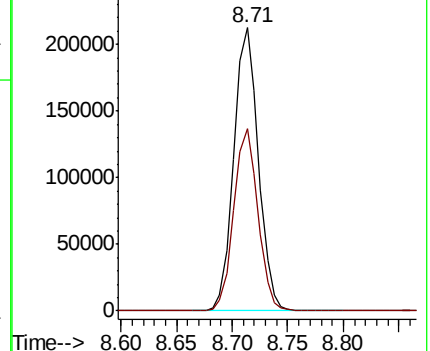
98 100

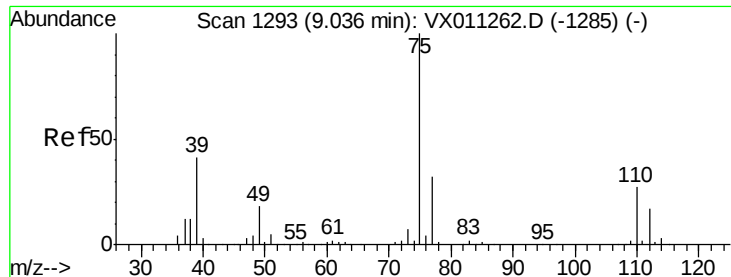
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

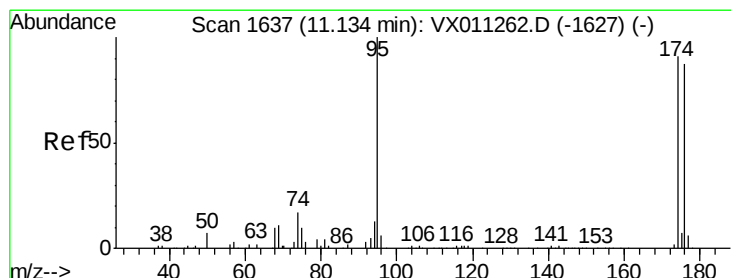
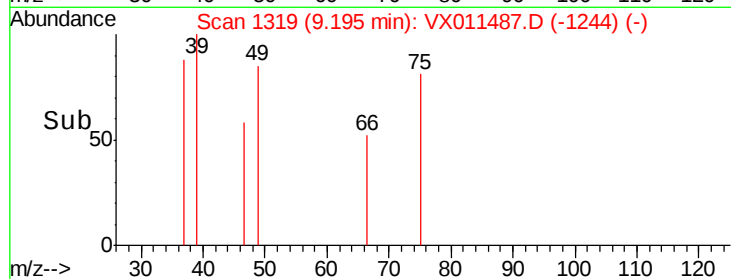
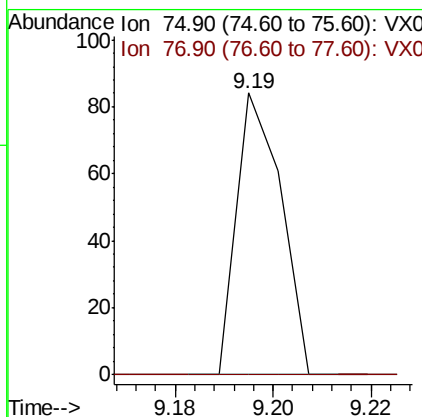
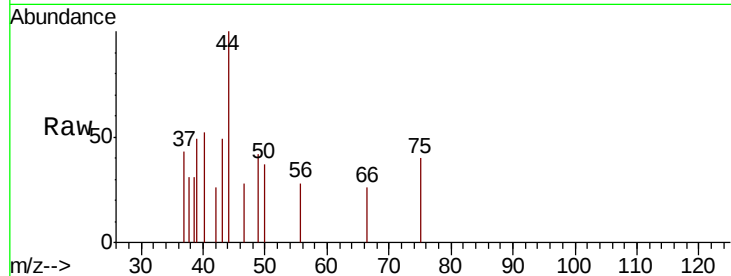




#53
t-1,3-Dichloropropene
Concen: 2.857 ug/l
RT: 9.19 min Scan# 1319
Delta R.T. 0.16 min
Lab File: VX011487.D
Acq: 12 Aug 2019 16:39

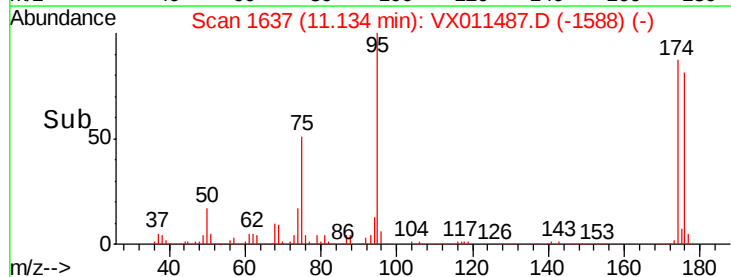
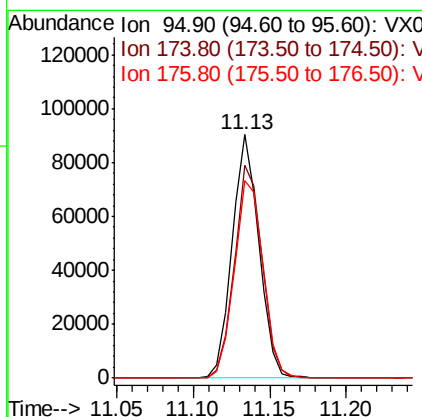
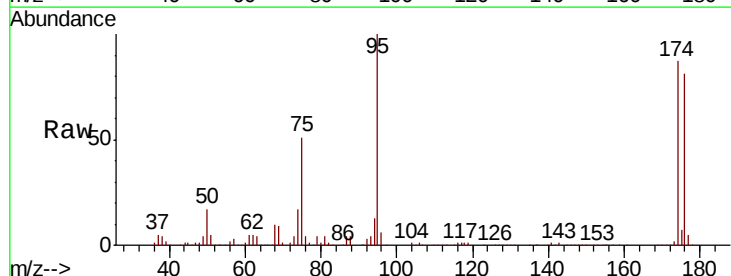
Instrument :
MSVOA_X
ClientSampleId :
Z3-0707

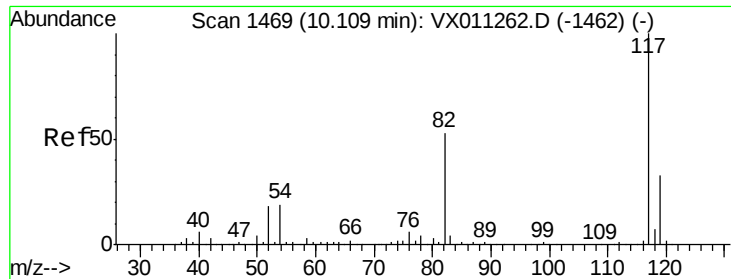
Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 45.231 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011487.D
Acq: 12 Aug 2019 16:39

Tgt Ion: 95 Resp: 109605
Ion Ratio Lower Upper
95 100
174 90.3 0.0 191.2
176 87.2 0.0 184.8

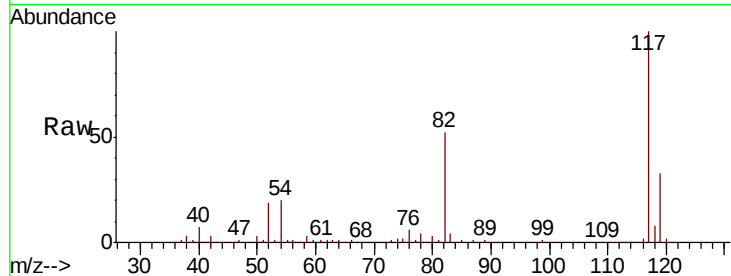




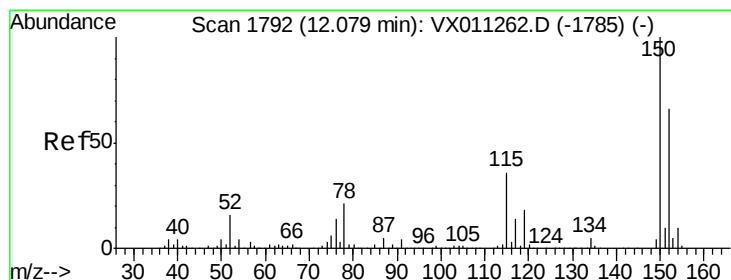
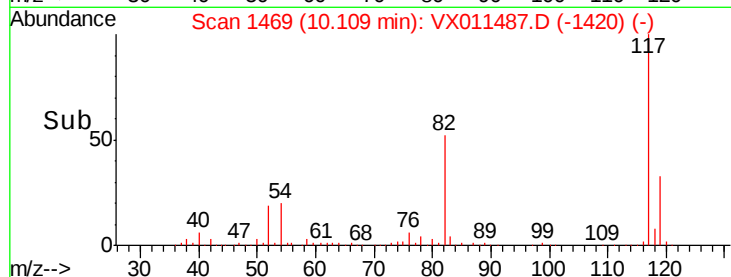
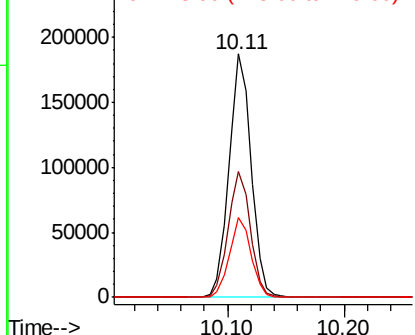
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011487.D
Acq: 12 Aug 2019 16:39

Instrument :
MSVOA_X
ClientSampleId :
Z3-0707

Tgt Ion:117 Resp: 248106
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 32.9 26.6 39.8

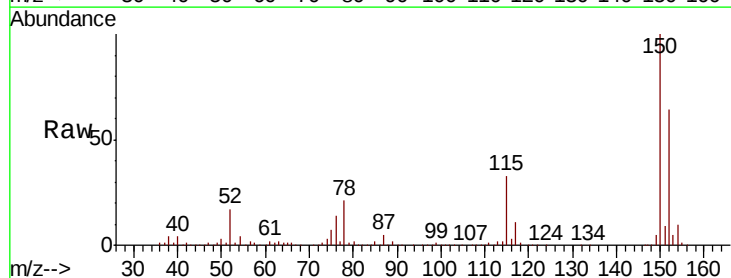


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

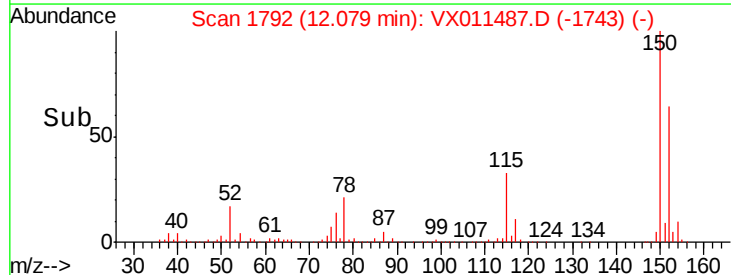
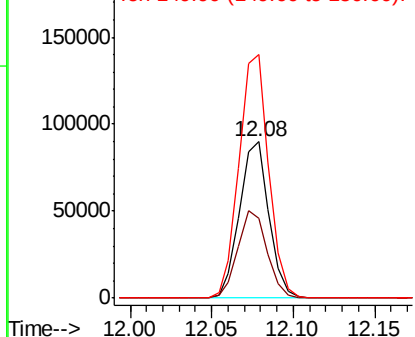


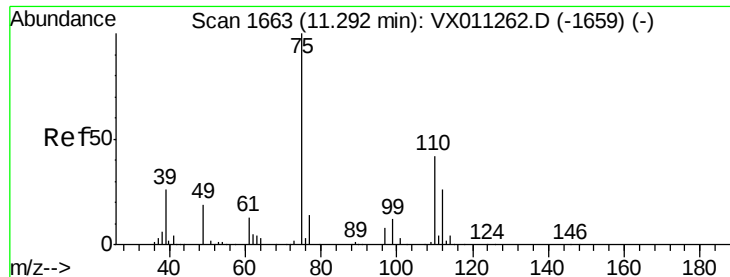
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011487.D
Acq: 12 Aug 2019 16:39

Tgt Ion:152 Resp: 113145
Ion Ratio Lower Upper
152 100
115 55.9 40.0 119.9
150 157.5 0.0 350.4



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: 26.834 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

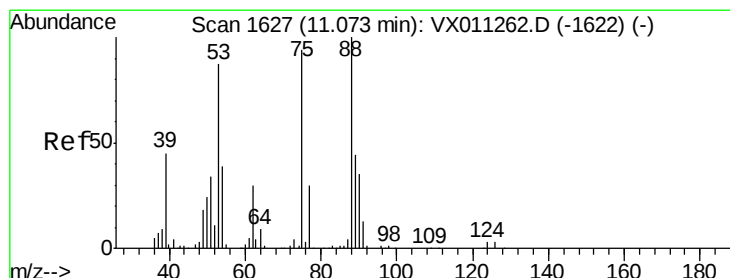
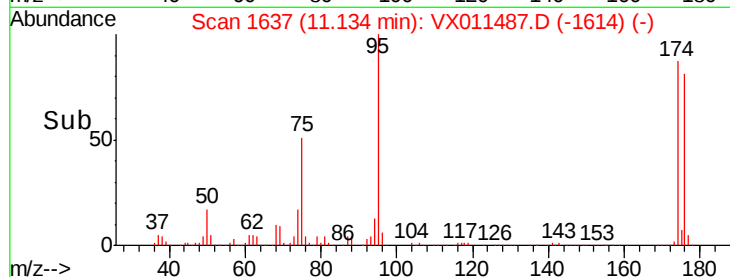
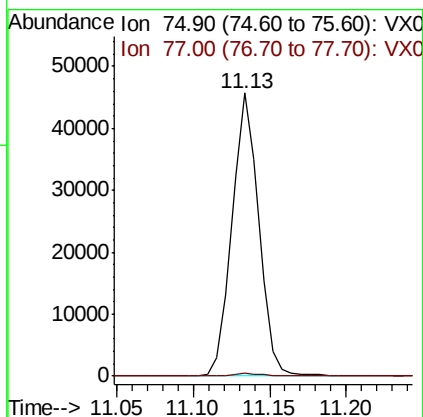
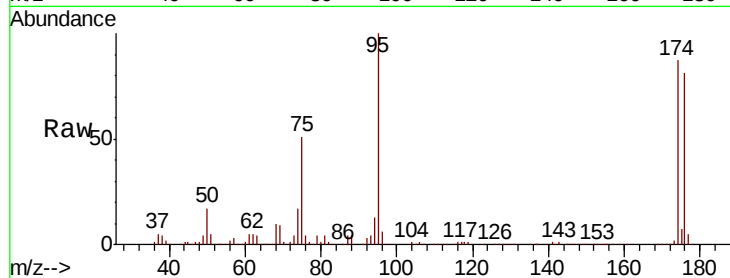
Z3-0707

Tgt Ion: 75 Resp: 55292

Ion Ratio Lower Upper

75 100

77 1.1 21.1 63.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.694 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

Tgt Ion: 75 Resp: 55292

Ion Ratio Lower Upper

75 100

53 0.3 78.2 117.4#

89 0.0 37.9 56.9#

