

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012785.D
 Acq On : 03 Oct 2019 15:50
 Operator : JC/SP
 Sample : K5189-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20190930

Quant Time: Oct 04 06:49:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100367	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117408	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	88929	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	8.71	98	341401	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.14	95	116433	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	

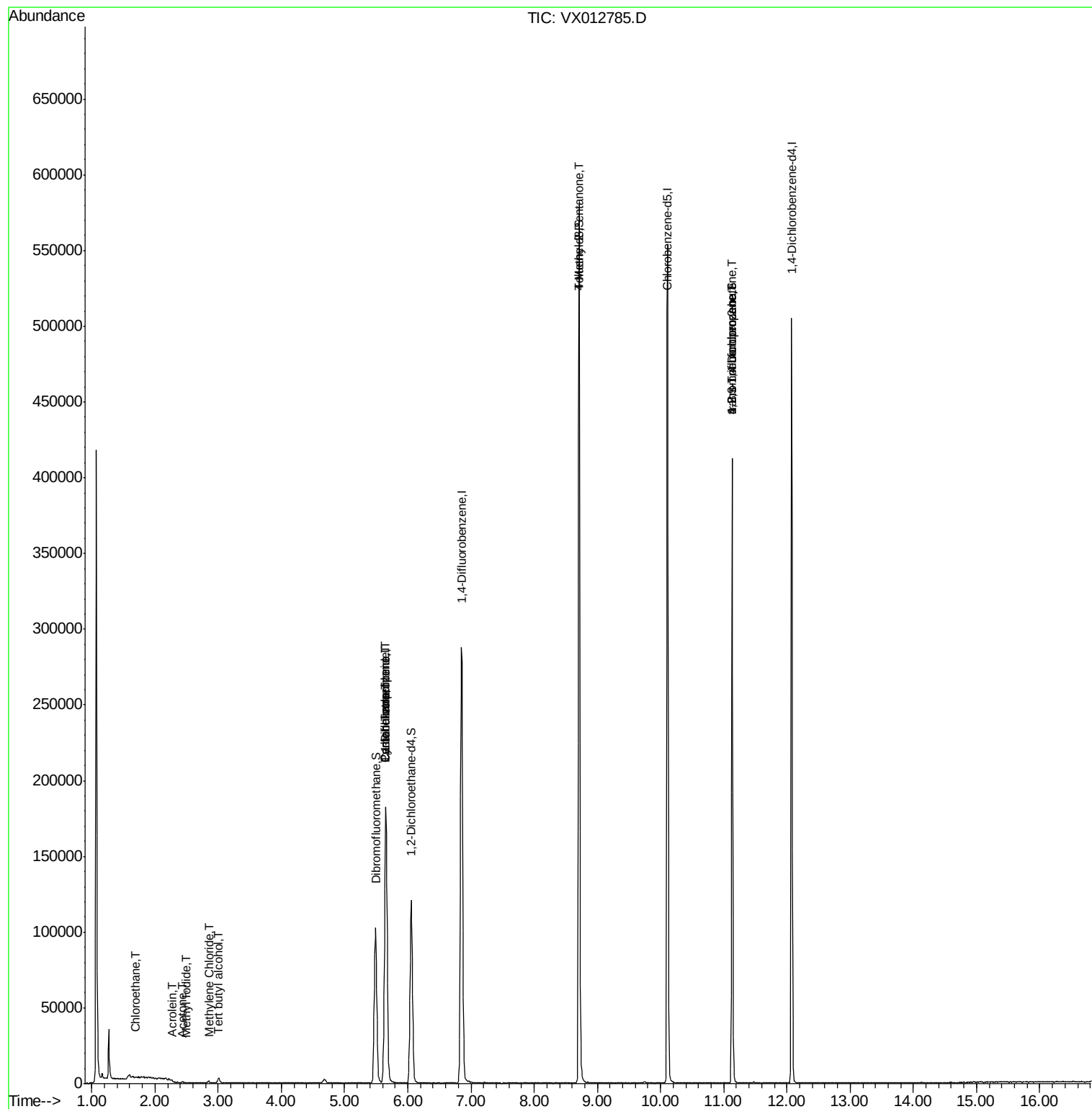
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.70	64	377	0.262	ug/l #	75
10) Methyl Iodide	2.49	142	41	4.972	ug/l #	35
11) Tert butyl alcohol	3.01	59	2268	3.749	ug/l #	75
13) Acrolein	2.28	56	24	10.301	ug/l #	15
16) Acetone	2.43	43	722	0.563	ug/l	100
20) Methylene Chloride	2.85	84	624	0.288	ug/l	96
31) Cyclohexane	5.64	56	3800	1.127	ug/l #	10
36) 1,1-Dichloropropene	5.65	75	13879	4.974	ug/l #	52
38) Carbon Tetrachloride	5.65	117	17890	6.312	ug/l #	18
51) 4-Methyl-2-Pentanone	8.71	43	1609	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	59308	22.339	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	59308	64.017	ug/l #	8

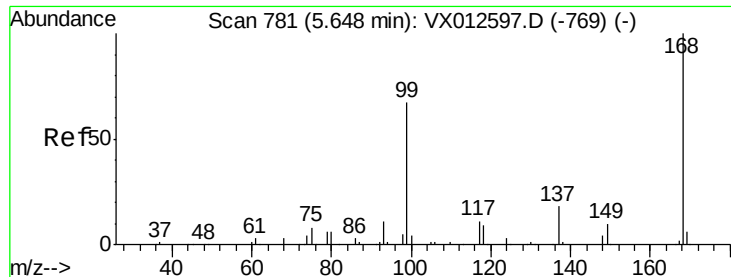
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

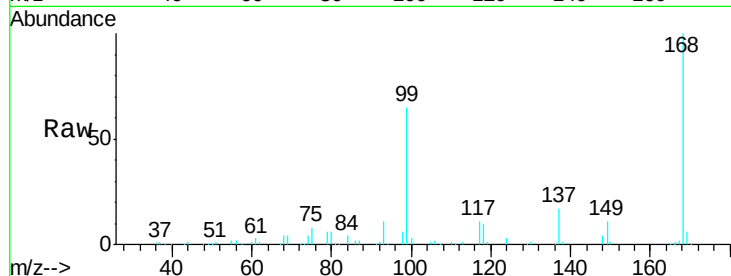
TB02-20190930

Tgt Ion:168 Resp: 166283

Ion Ratio Lower Upper

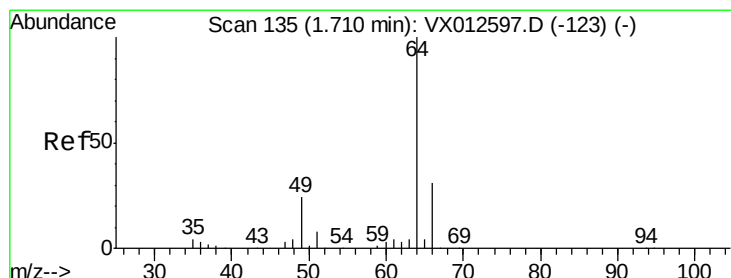
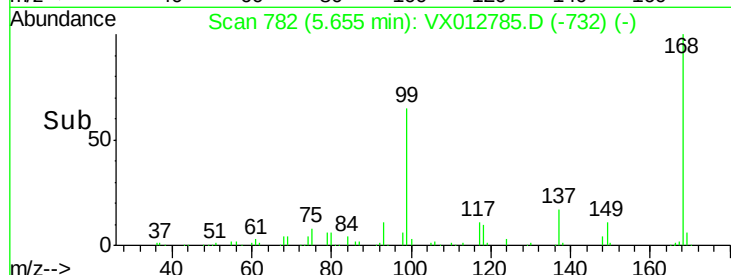
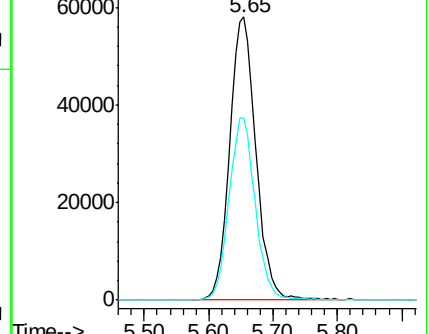
168 100

99 64.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.262 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX012785.D

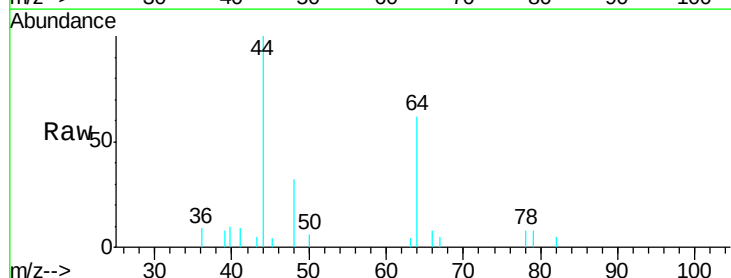
Acq: 03 Oct 2019 15:50

Tgt Ion: 64 Resp: 377

Ion Ratio Lower Upper

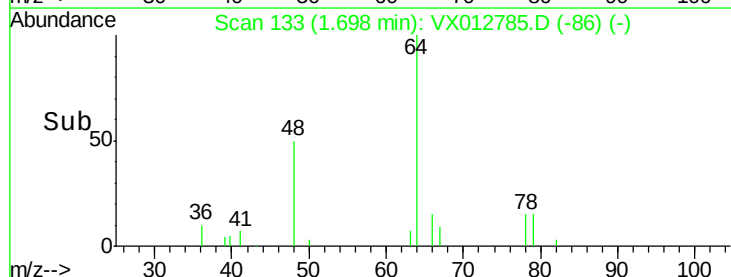
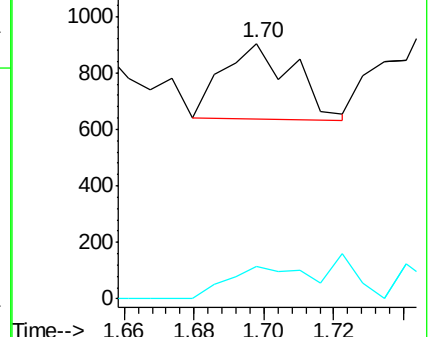
64 100

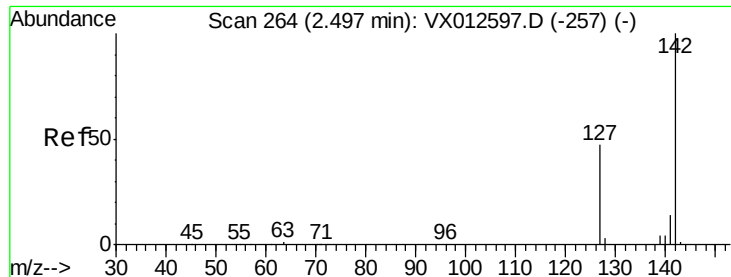
66 43.6 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

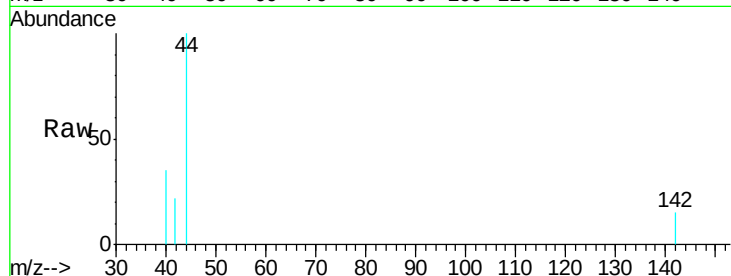




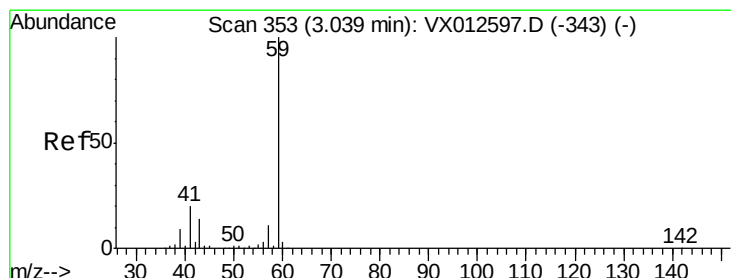
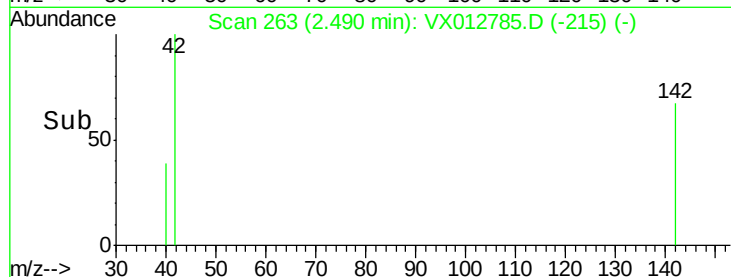
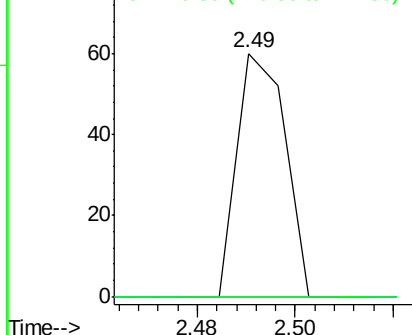
#10
Methyl Iodide
Concen: 4.972 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
TB02-20190930

Tgt Ion: 142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 40.8 61.2#
141 0.0 12.1 18.1#

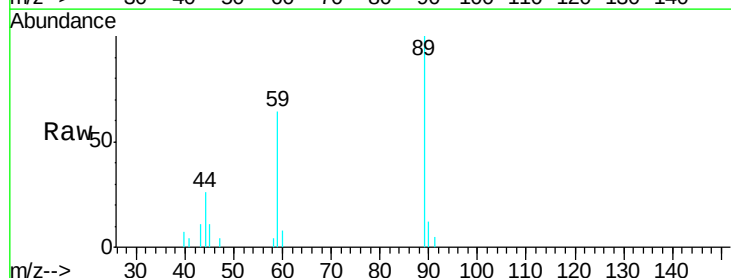


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

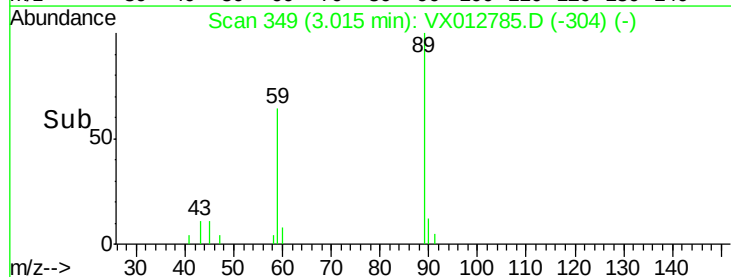
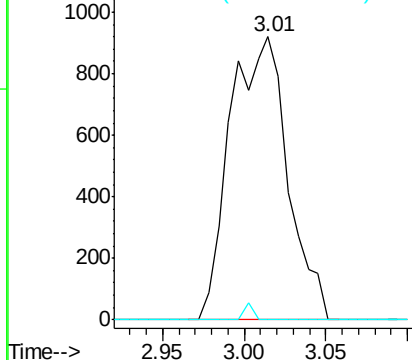


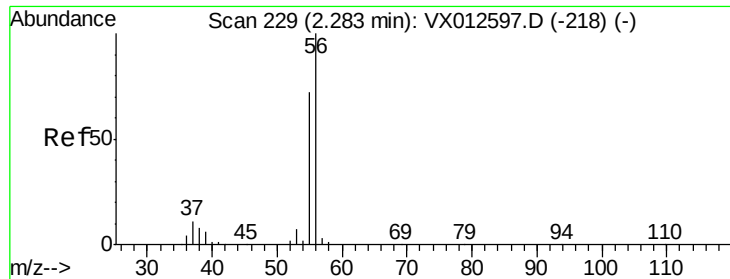
#11
Tert butyl alcohol
Concen: 3.749 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Tgt Ion: 59 Resp: 2268
Ion Ratio Lower Upper
59 100
57 0.9 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 10.301 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

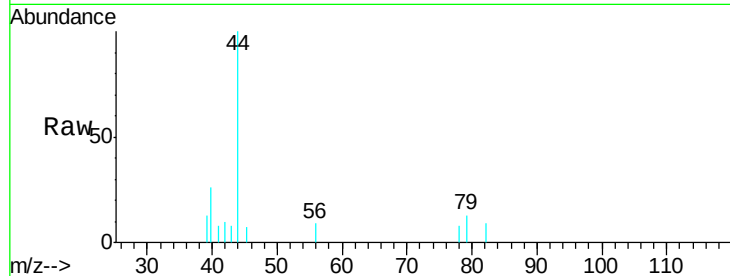
TB02-20190930

Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

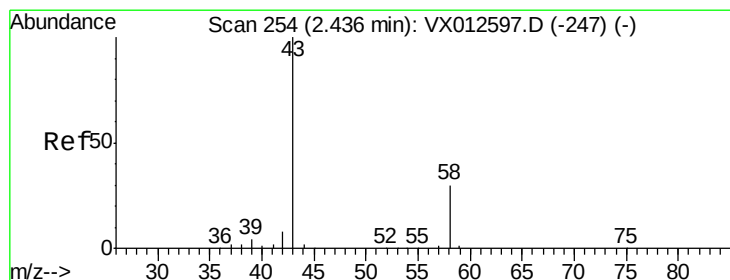
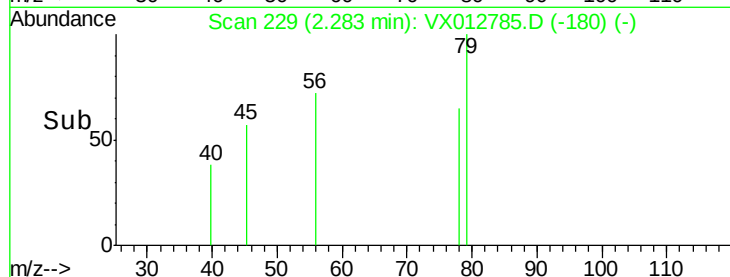
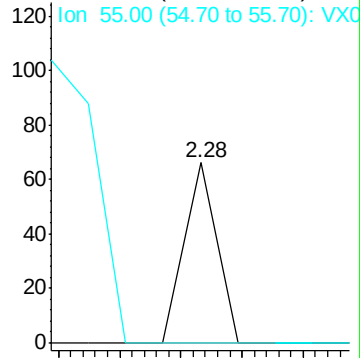
56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.563 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012785.D

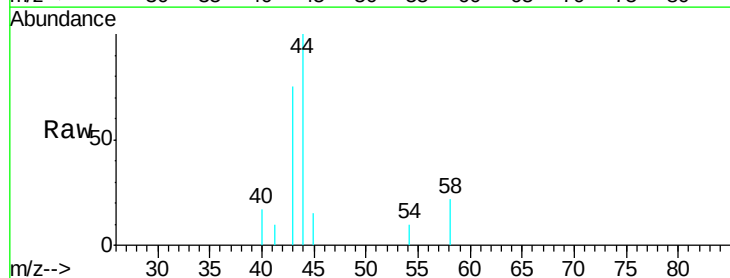
Acq: 03 Oct 2019 15:50

Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

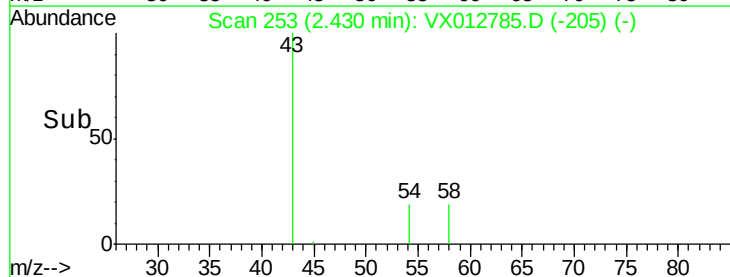
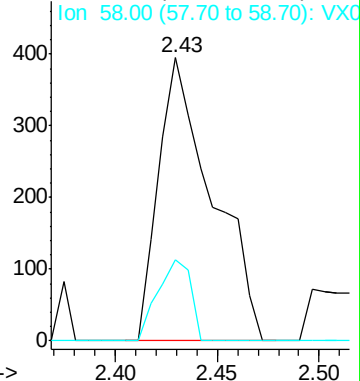
43 100

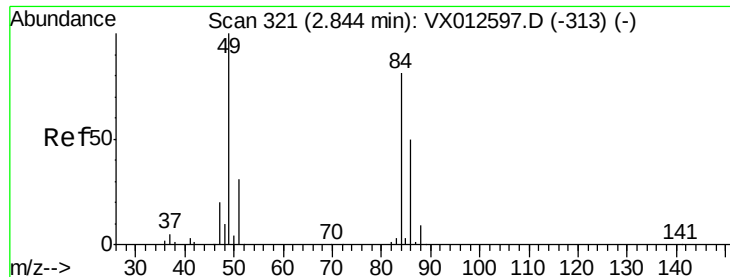
58 28.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

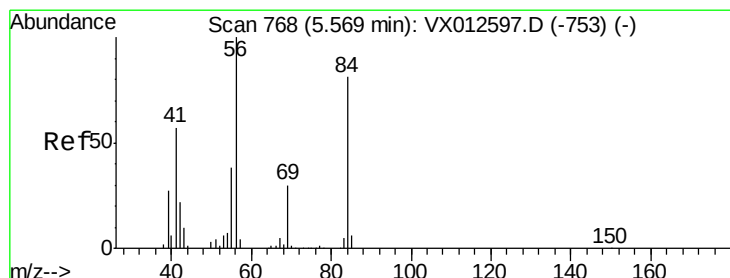
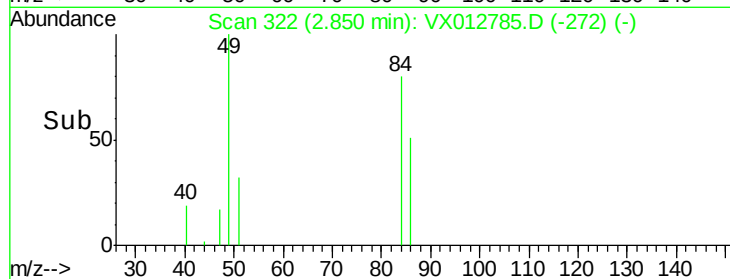
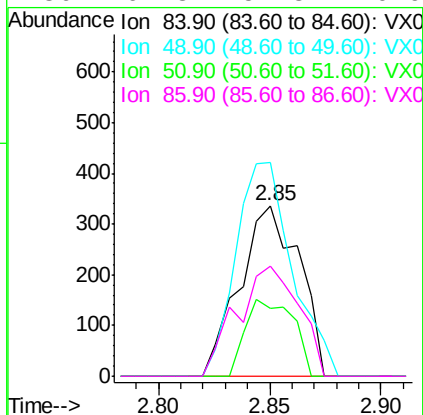
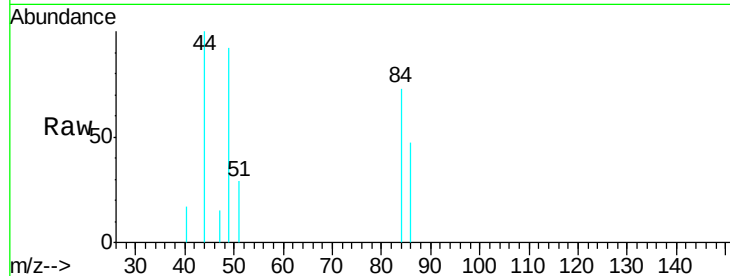




#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

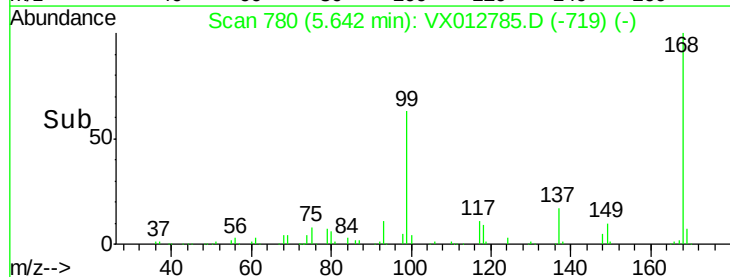
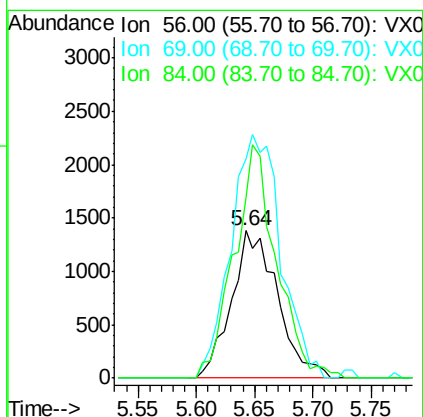
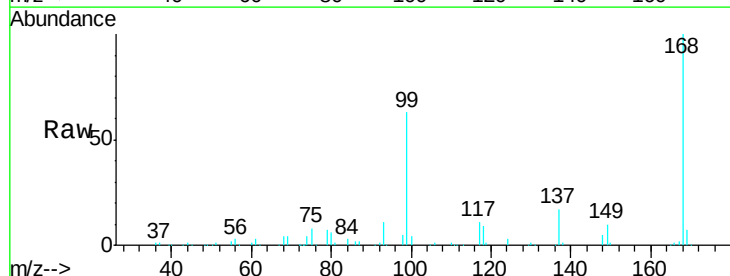
Instrument :
MSVOA_X
ClientSampleId :
TB02-20190930

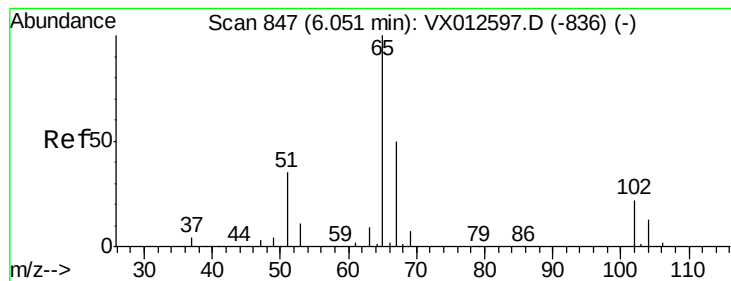
Tgt Ion:	84	Resp:	624
Ion	Ratio	Lower	Upper
84	100		
49	125.3	106.8	160.2
51	39.6	32.3	48.5
86	64.3	51.3	76.9



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Tgt Ion:	56	Resp:	3800
Ion	Ratio	Lower	Upper
56	100		
69	148.6	25.0	37.6#
84	122.9	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 48.488 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

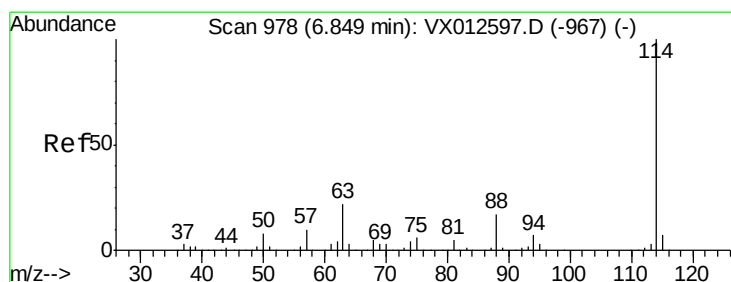
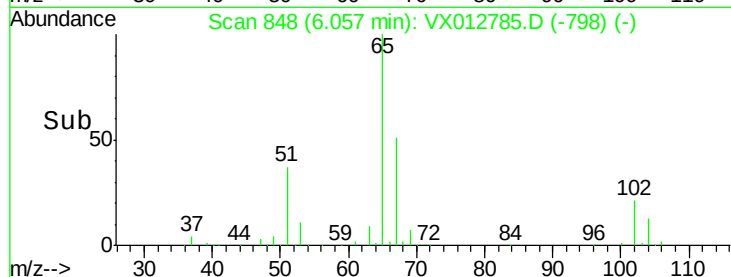
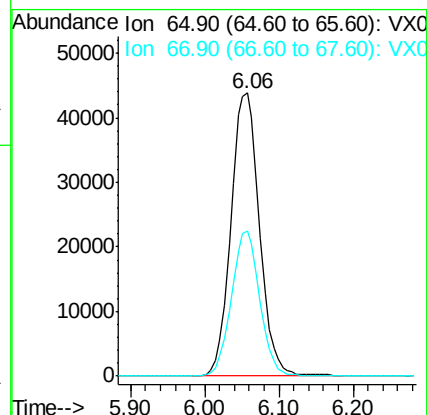
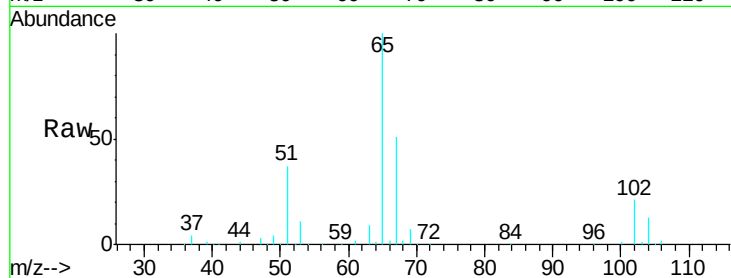
TB02-20190930

Tgt Ion: 65 Resp: 117408

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012785.D

Acq: 03 Oct 2019 15:50

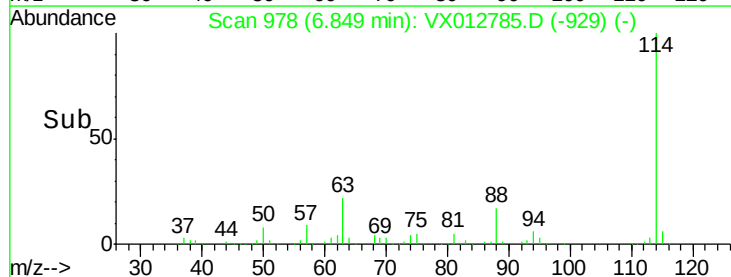
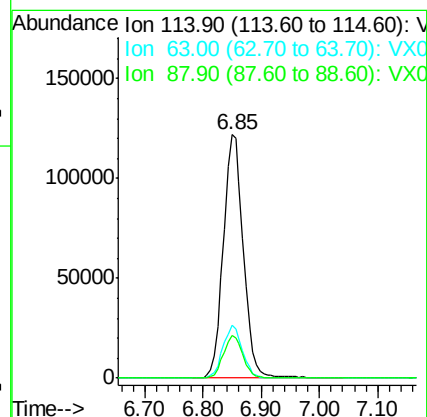
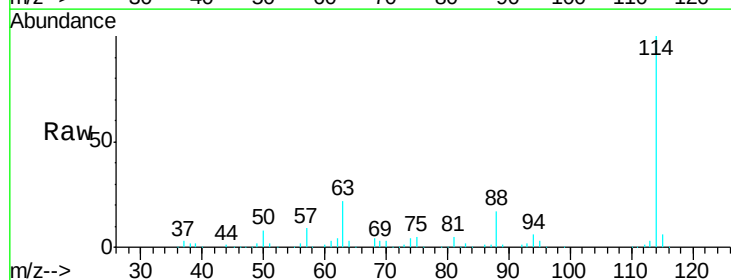
Tgt Ion: 114 Resp: 289458

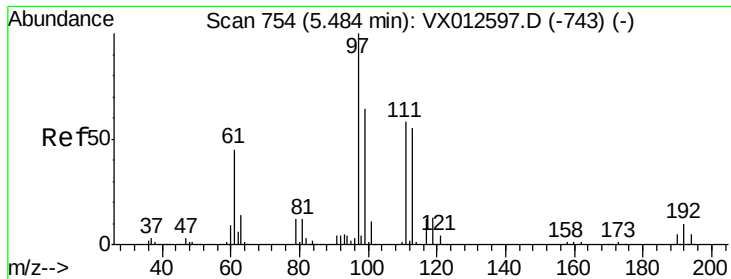
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 17.4 0.0 33.2

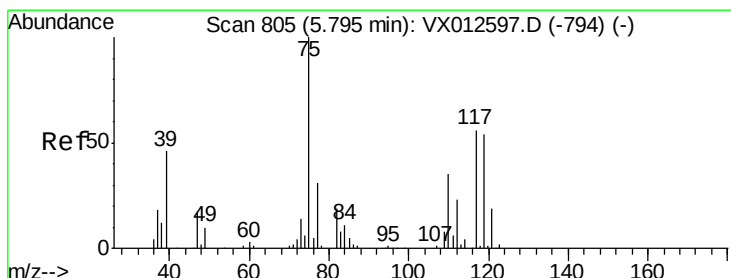
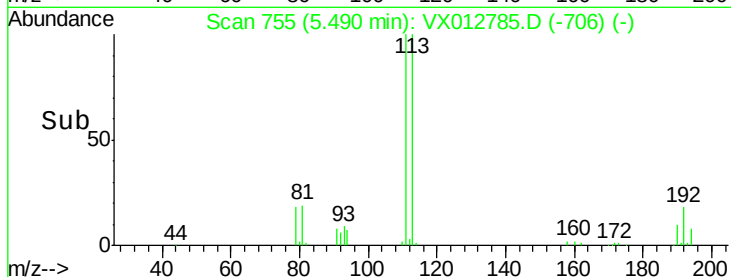
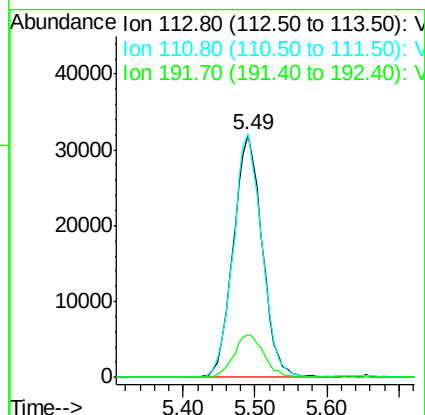
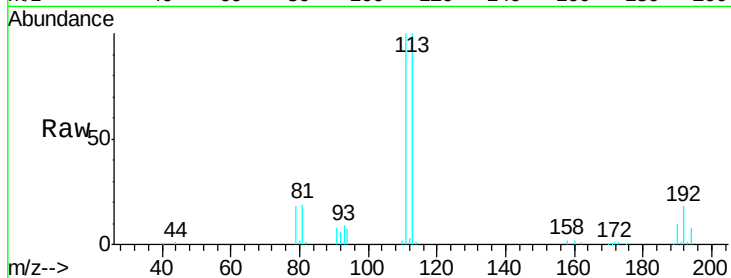




#35
 Dibromofluoromethane
 Concen: 51.588 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012785.D
 Acq: 03 Oct 2019 15:50

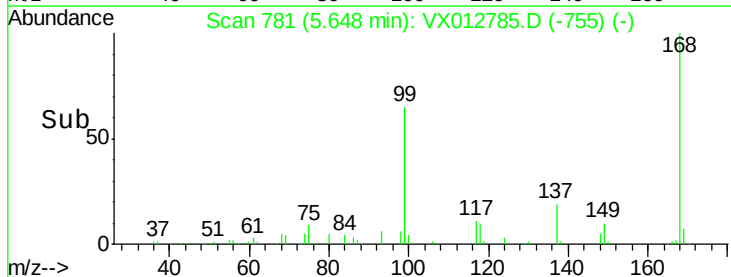
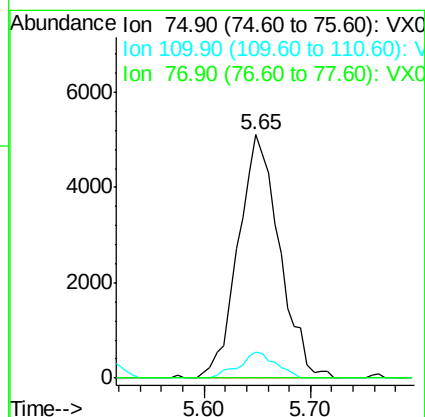
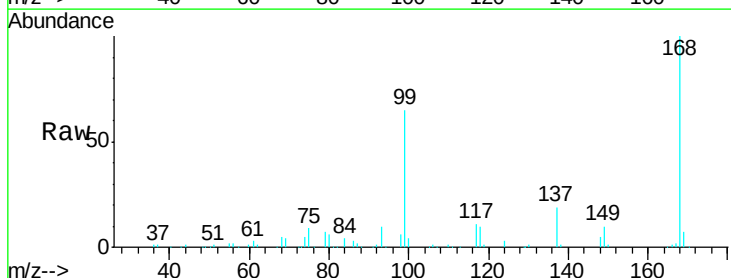
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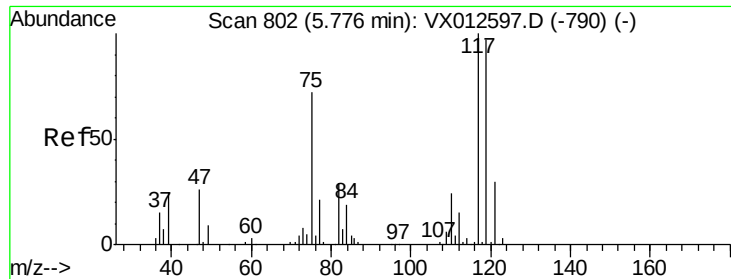
Tgt Ion:113 Resp: 88929
 Ion Ratio Lower Upper
 113 100
 111 99.7 83.4 125.2
 192 18.2 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.974 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012785.D
 Acq: 03 Oct 2019 15:50

Tgt Ion: 75 Resp: 13879
 Ion Ratio Lower Upper
 75 100
 110 9.6 16.7 50.0#
 77 0.0 24.2 36.2#

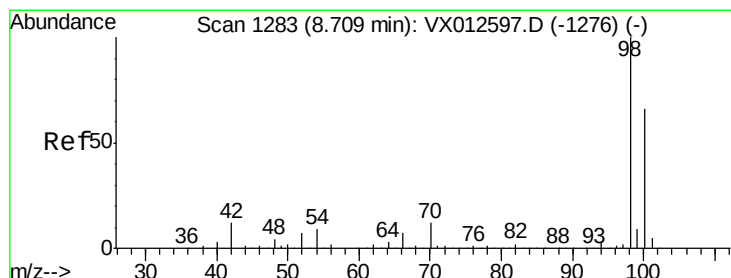
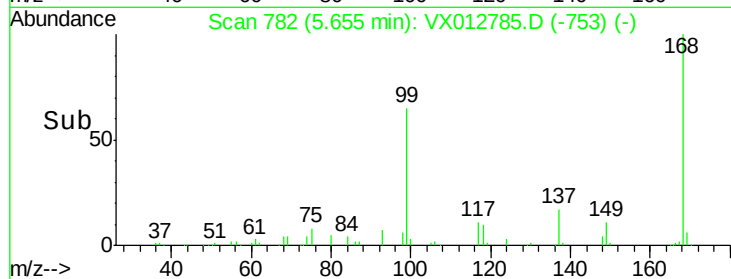
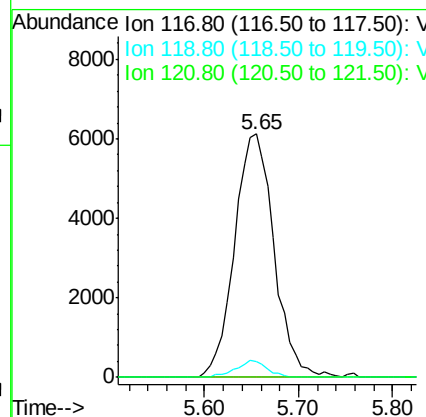
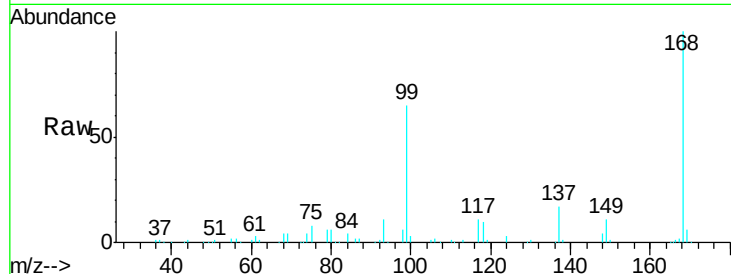




#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

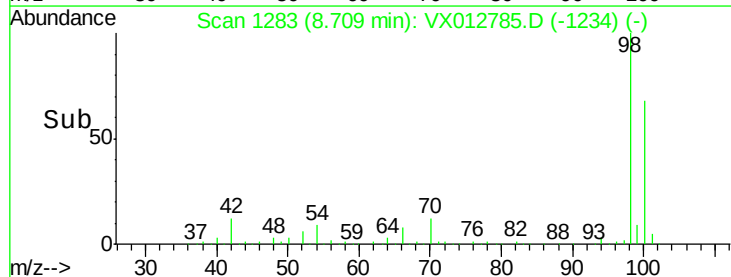
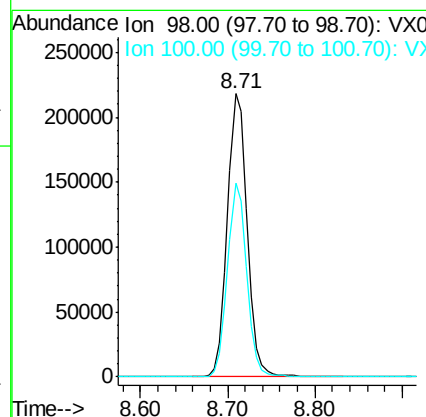
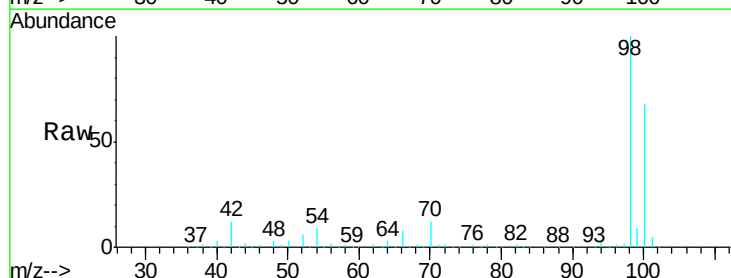
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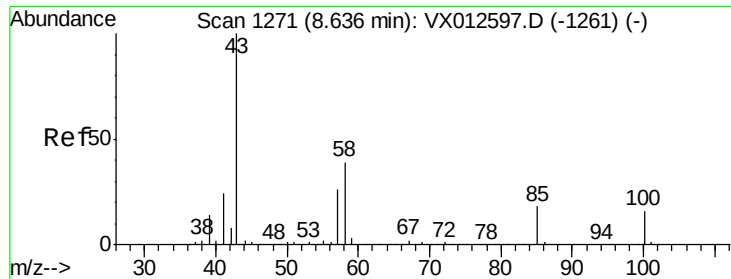
Tgt Ion: 117 Resp: 17890
Ion Ratio Lower Upper
117 100
119 6.6 75.7 113.5#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.426 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Tgt Ion: 98 Resp: 341401
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2

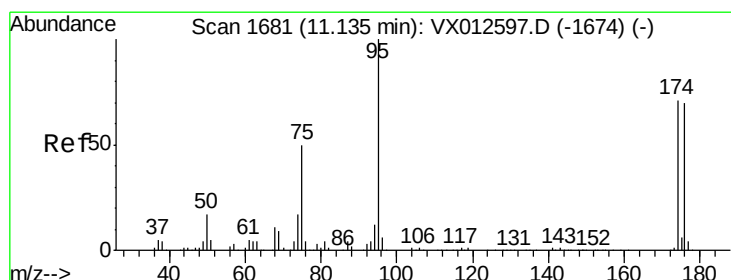
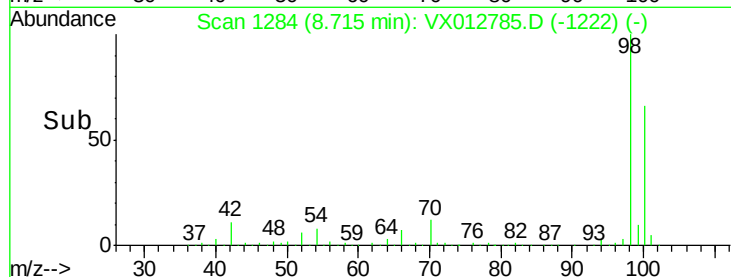
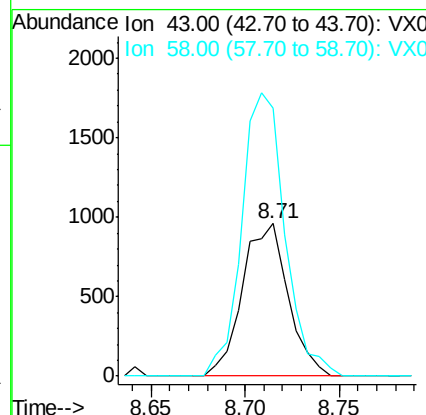
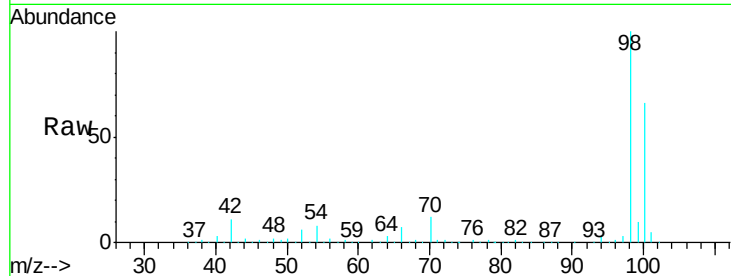




#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.71 min Scan# 1284
Delta R.T. 0.08 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

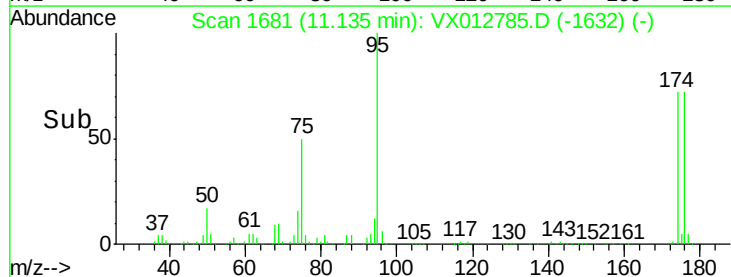
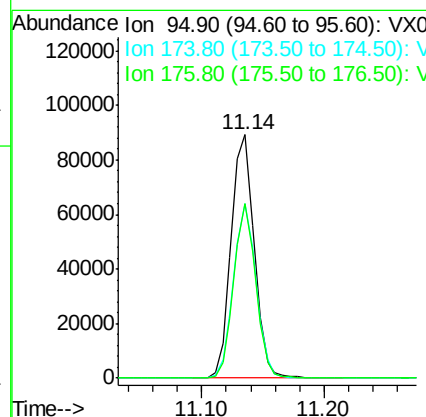
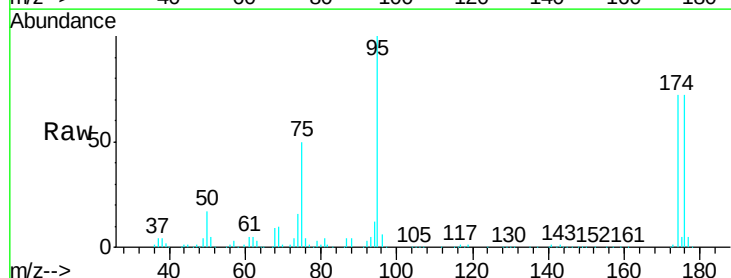
Instrument :
MSVOA_X
ClientSampleId :
TB02-20190930

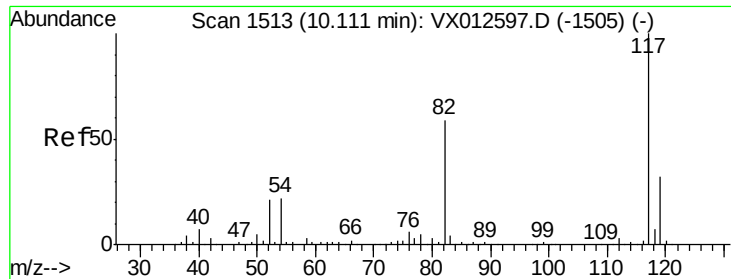
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 175.9 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 44.605 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Tgt Ion: 95 Resp: 116433
Ion Ratio Lower Upper
95 100
174 70.1 0.0 140.0
176 68.3 0.0 135.4

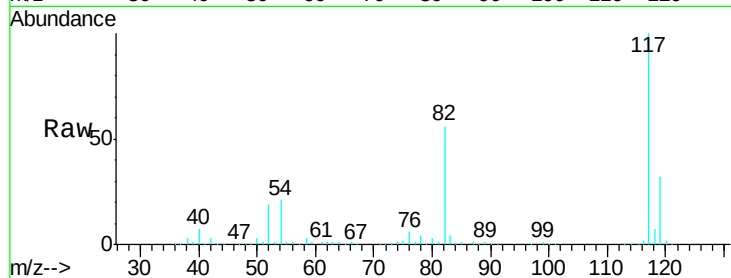




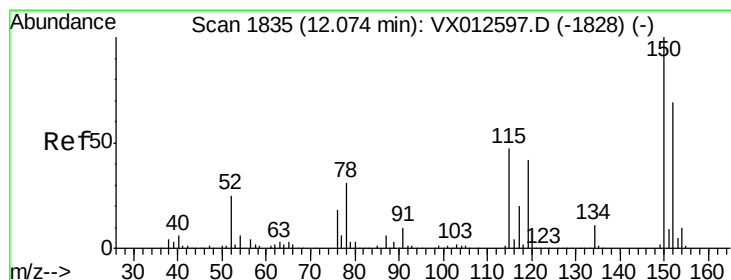
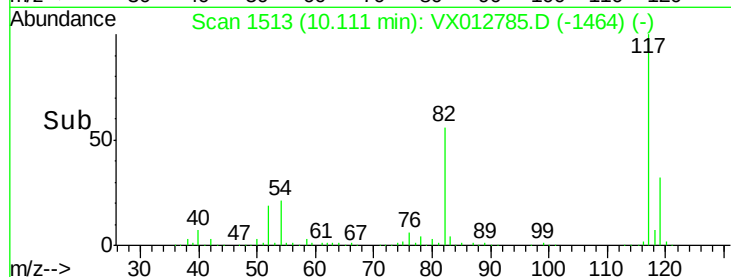
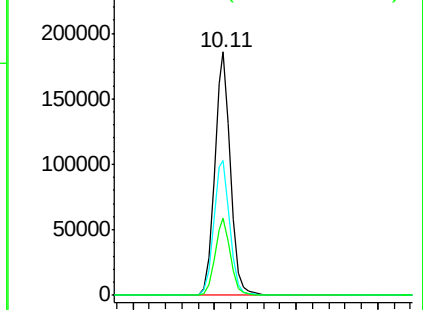
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
TB02-20190930

Tgt Ion:117 Resp: 252545
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 31.6 25.3 37.9

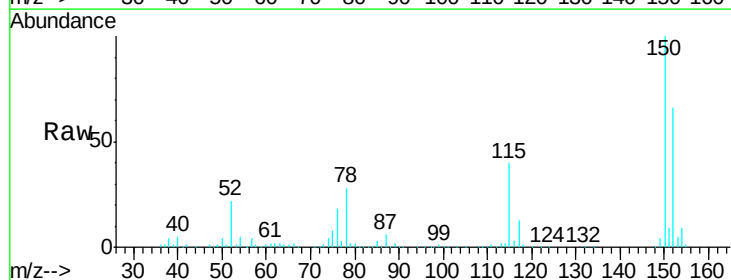


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

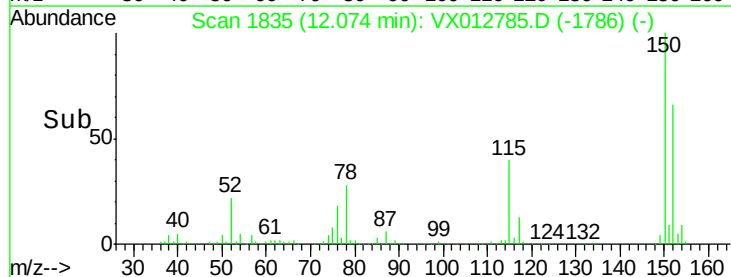
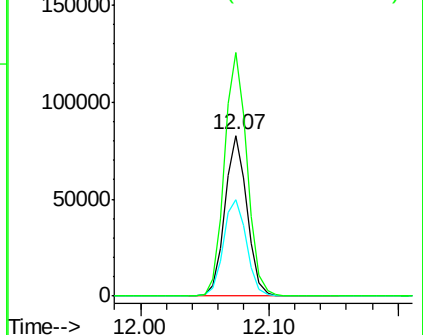


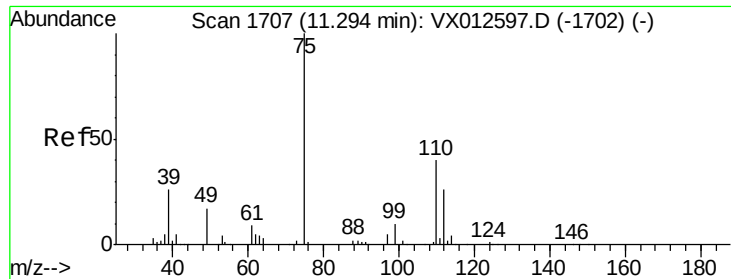
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012785.D
Acq: 03 Oct 2019 15:50

Tgt Ion:152 Resp: 100367
Ion Ratio Lower Upper
152 100
115 62.7 44.1 132.3
150 155.1 0.0 343.8



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

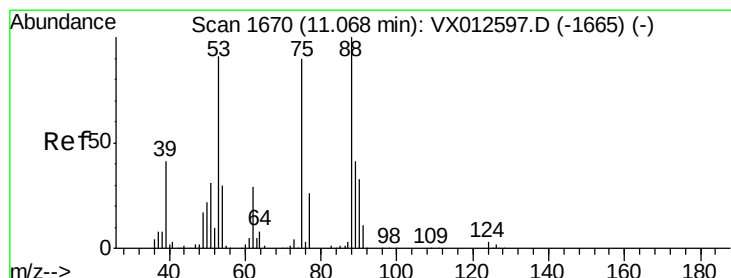
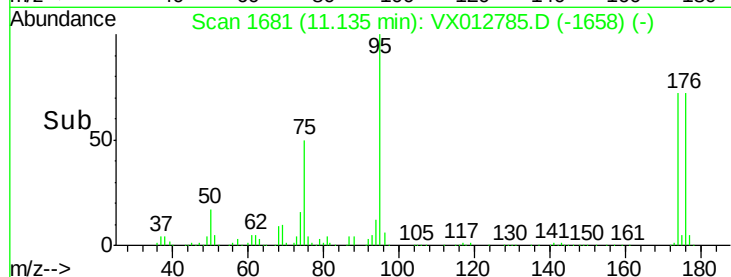
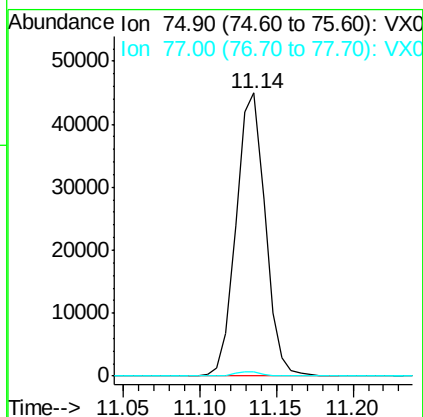
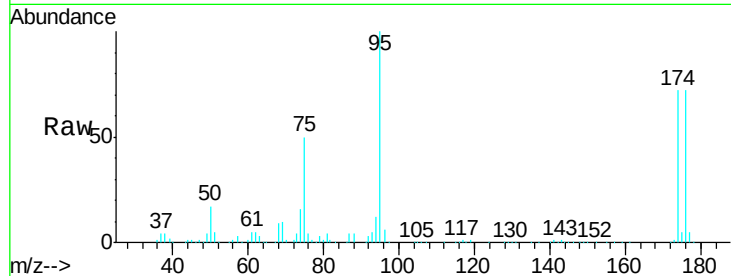




#76
 1,2,3-Trichloropropane
 Concen: 22.339 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012785.D
 Acq: 03 Oct 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20190930

Tgt Ion: 75 Resp: 59308
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.7 59.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.017 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012785.D
 Acq: 03 Oct 2019 15:50

Tgt Ion: 75 Resp: 59308
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.6 125.4#
 89 0.0 36.3 54.5#

