

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011850.D
 Acq On : 27 Aug 2019 15:16
 Operator : JC/SP
 Sample : K4550-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-04-082619

Quant Time: Aug 28 02:22:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	590690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	525943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	258846	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	217561	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
35) Dibromofluoromethane	5.49	113	182932	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	8.71	98	678450	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	253220	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	

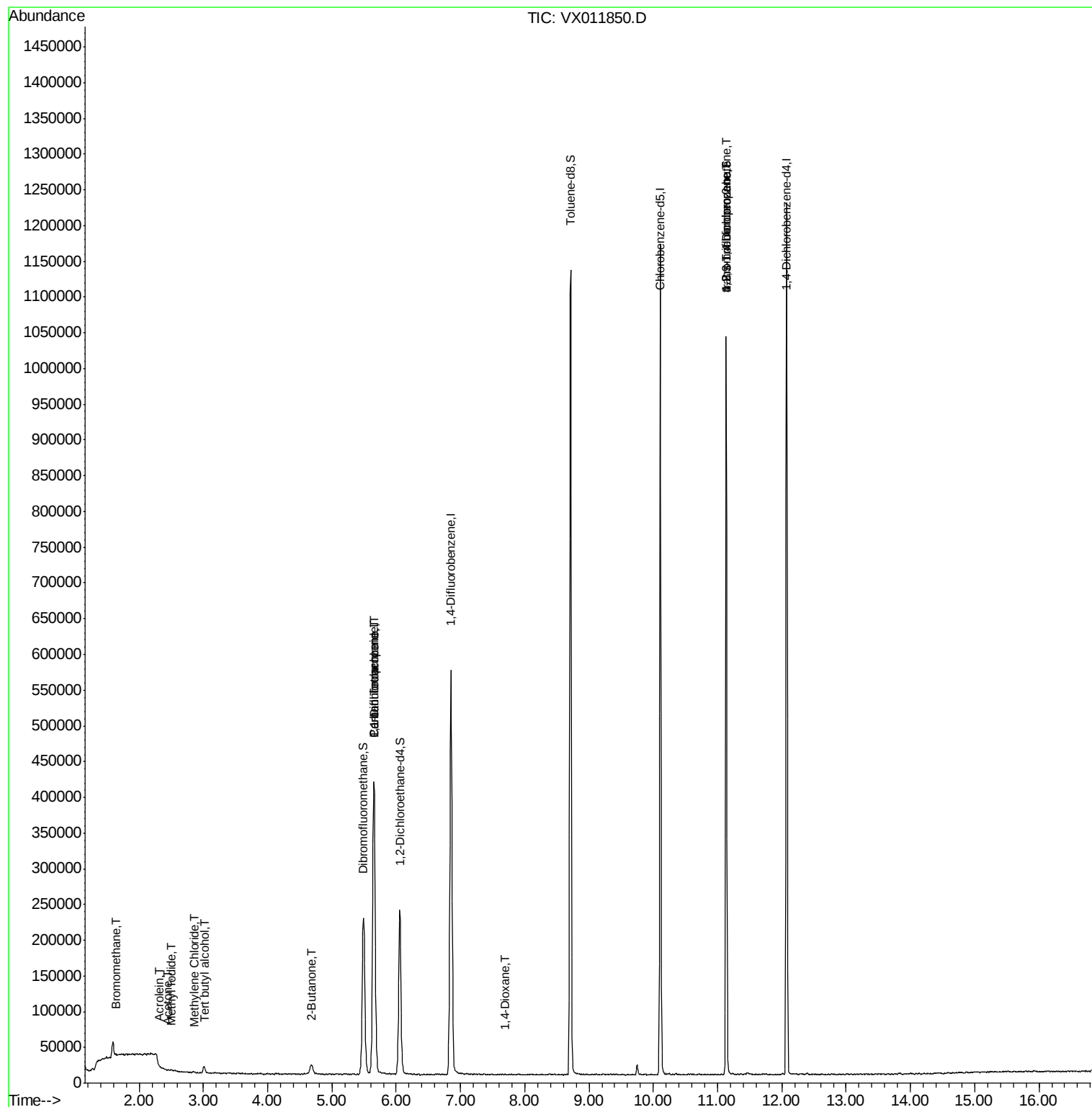
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	504	0.260	ug/l	98
10) Methyl Iodide	2.51	142	869	0.205	ug/l #	91
11) Tert butyl alcohol	3.01	59	5157	6.031	ug/l #	72
13) Acrolein	2.32	56	169	0.511	ug/l #	16
16) Acetone	2.43	43	544	0.289	ug/l	93
20) Methylene Chloride	2.85	84	831	0.216	ug/l #	84
25) 2-Butanone	4.68	43	1032	0.382	ug/l	100
36) 1,1-Dichloropropene	5.65	75	27663	5.972	ug/l #	51
38) Carbon Tetrachloride	5.65	117	37771	7.195	ug/l #	16
49) 1,4-Dioxane	7.69	88	40	0.366	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	124405	27.390	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	124405	82.604	ug/l #	11

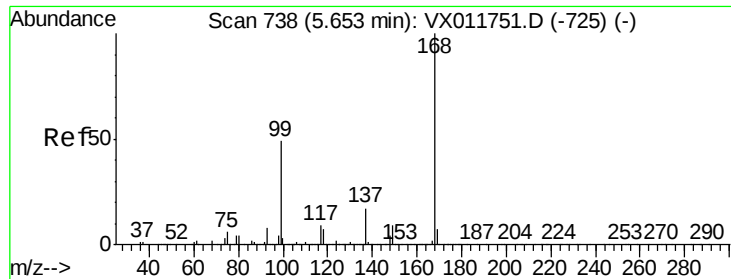
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 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: VX011850.D

Acq: 27 Aug 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

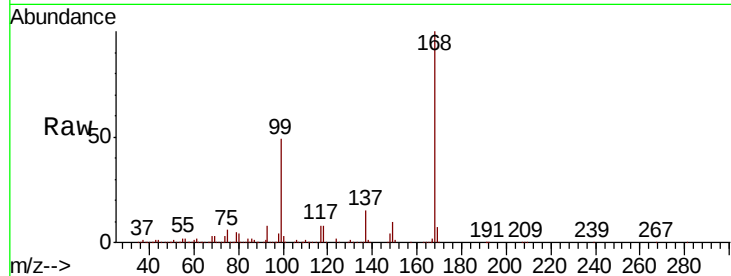
TB-04-082619

Tgt Ion:168 Resp: 430781

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

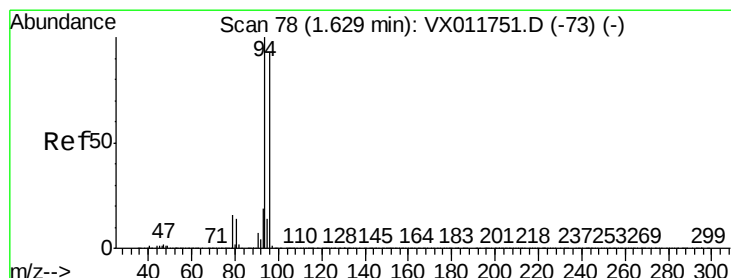
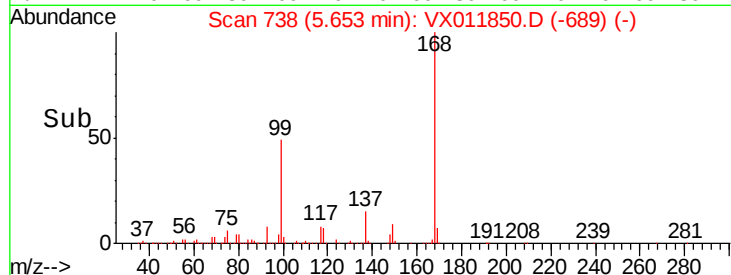
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.260 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011850.D

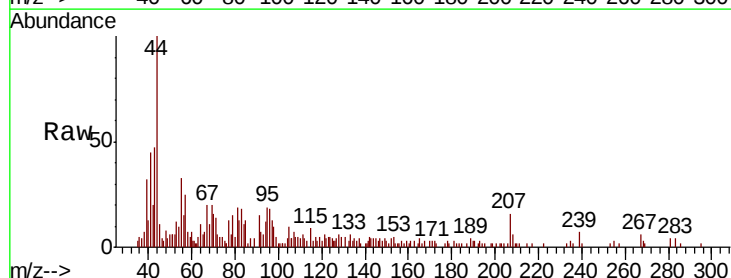
Acq: 27 Aug 2019 15:16

Tgt Ion: 94 Resp: 504

Ion Ratio Lower Upper

94 100

96 91.0 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

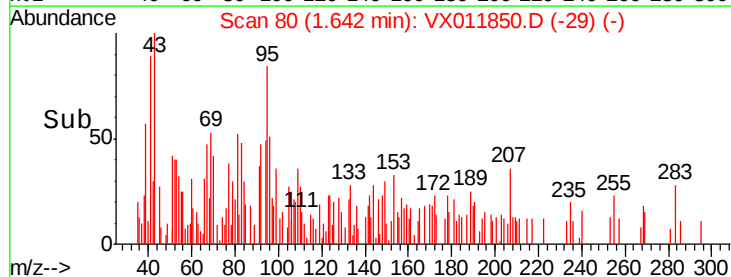
600

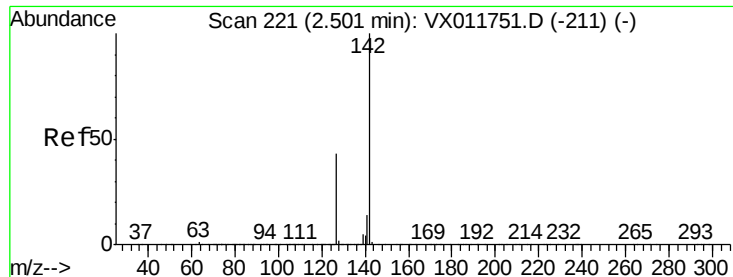
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200

0

Time-->

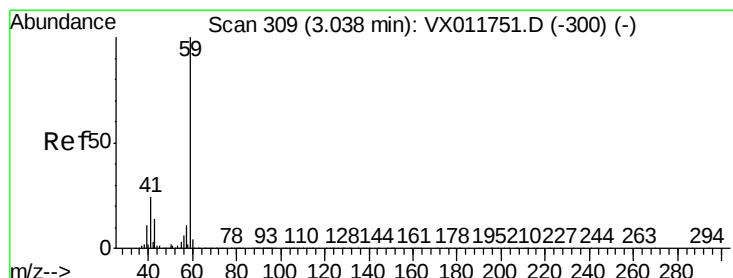
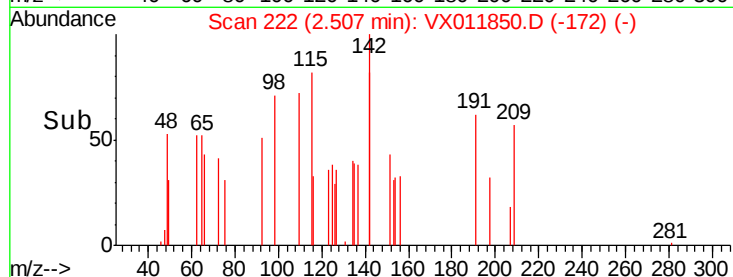
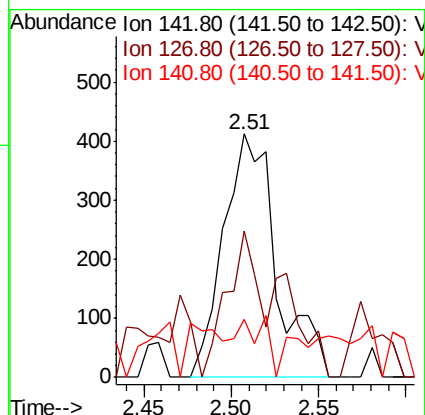
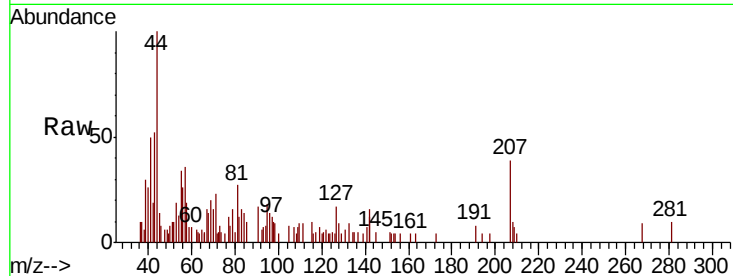




#10
Methyl Iodide
Concen: 0.205 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX011850.D
Acq: 27 Aug 2019 15:16

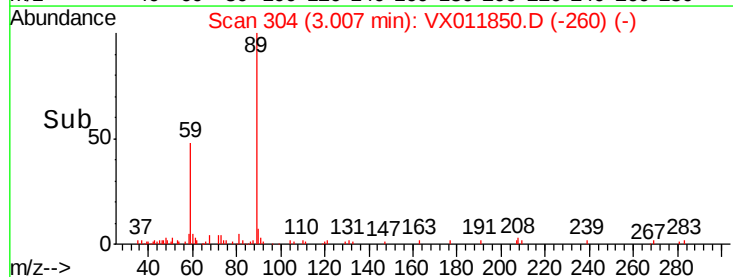
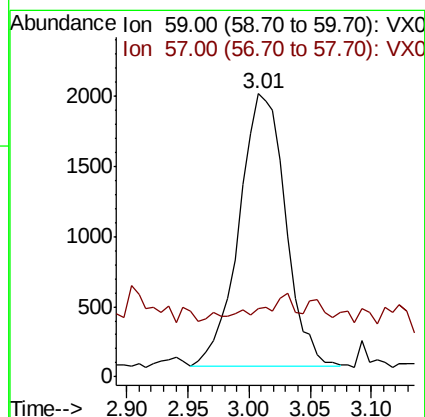
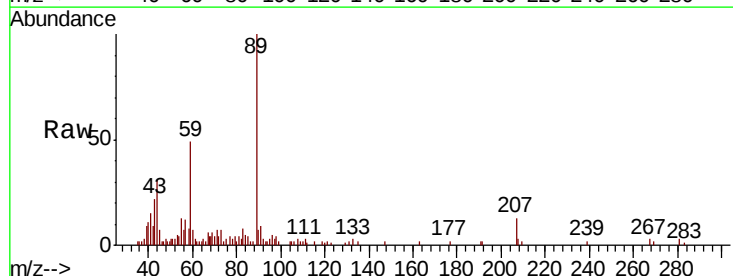
Instrument :
MSVOA_X
ClientSampleId :
TB-04-082619

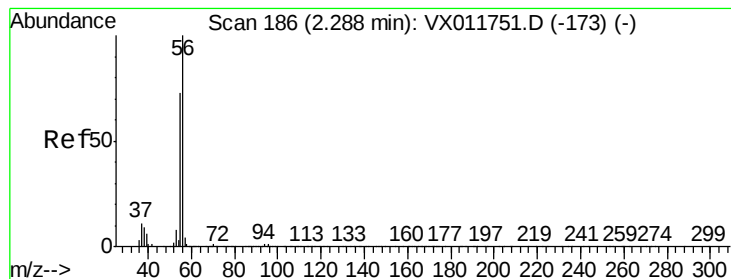
Tgt Ion:142 Resp: 869
Ion Ratio Lower Upper
142 100
127 35.9 33.5 50.3
141 10.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: 6.031 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011850.D
Acq: 27 Aug 2019 15:16

Tgt Ion: 59 Resp: 5157
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#13

Acrolein

Concen: 0.511 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.03 min

Lab File: VX011850.D

Acq: 27 Aug 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

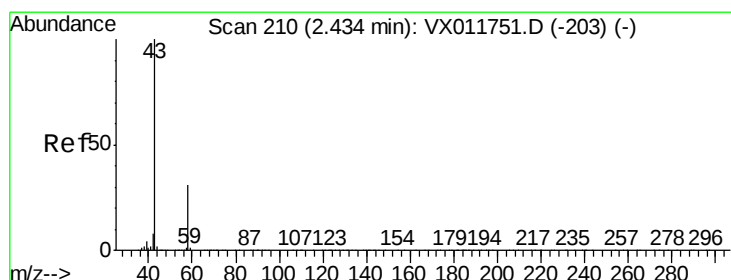
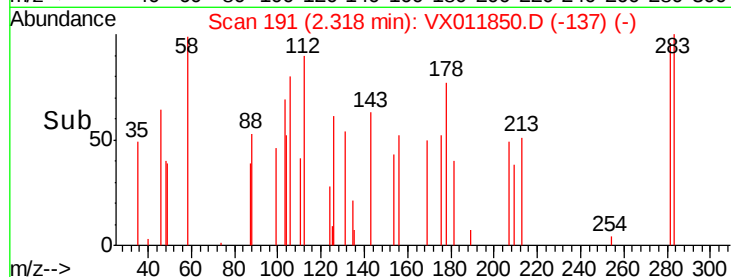
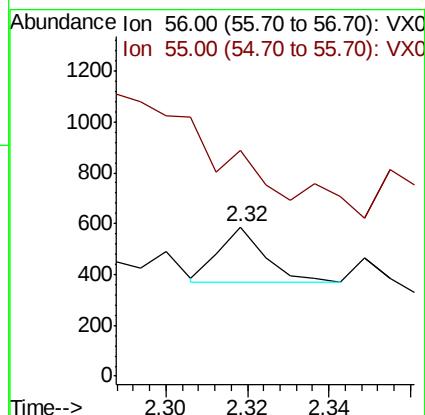
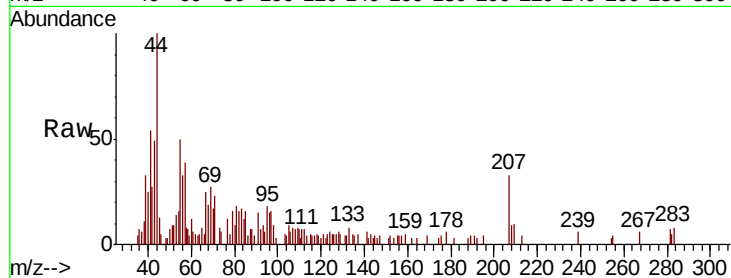
TB-04-082619

Tgt Ion: 56 Resp: 169

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#



#16

Acetone

Concen: 0.289 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011850.D

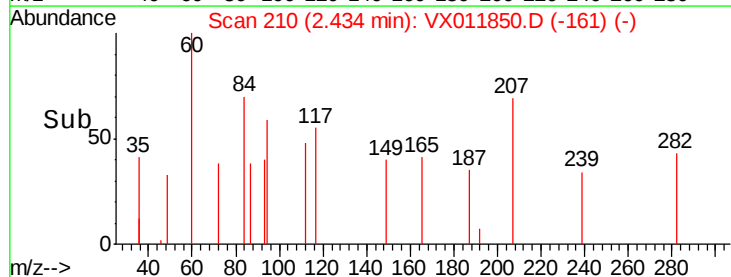
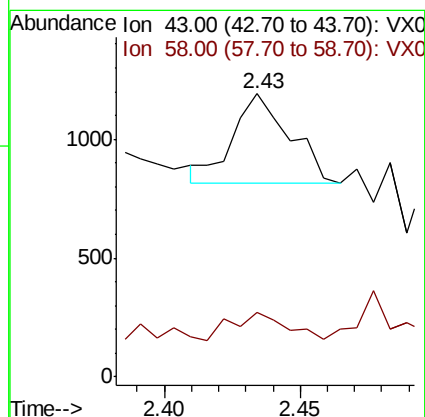
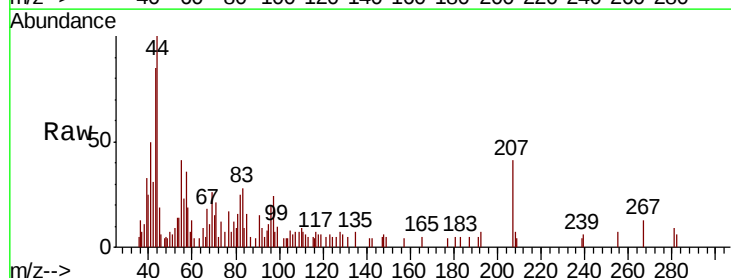
Acq: 27 Aug 2019 15:16

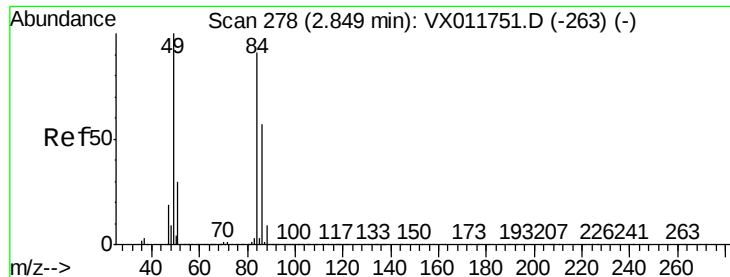
Tgt Ion: 43 Resp: 544

Ion Ratio Lower Upper

43 100

58 26.6 24.4 36.6

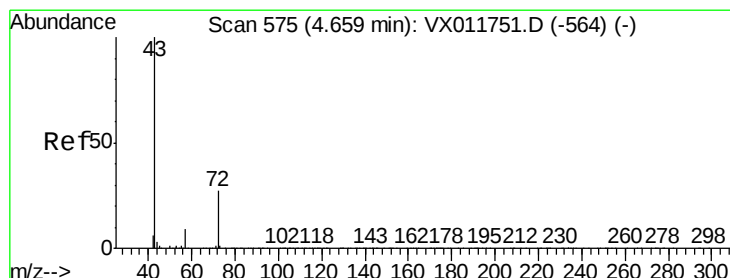
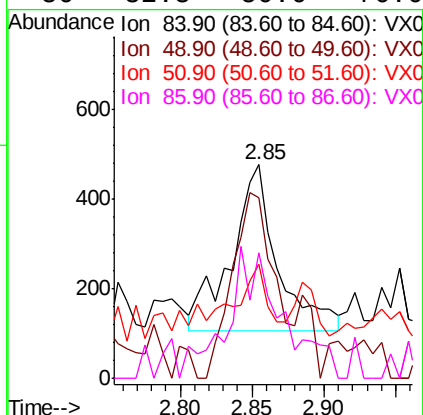
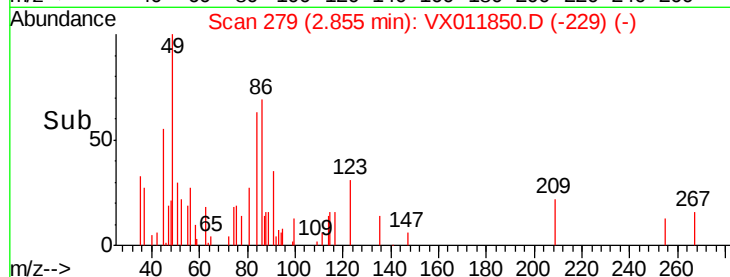
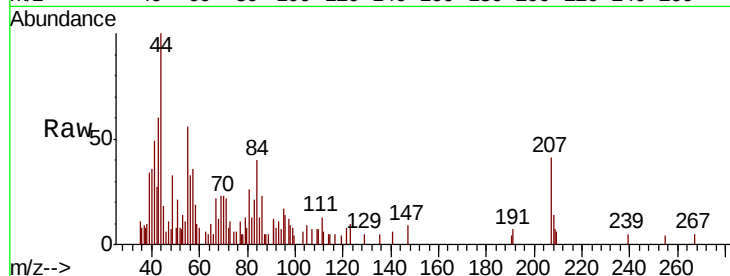




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011850.D
Acq: 27 Aug 2019 15:16

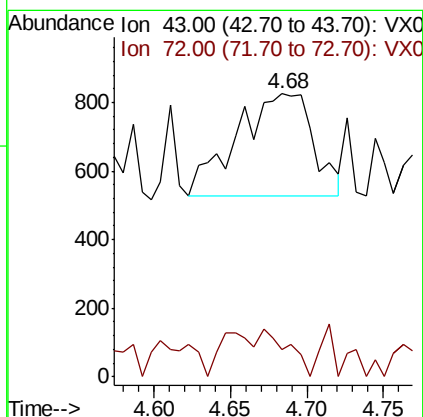
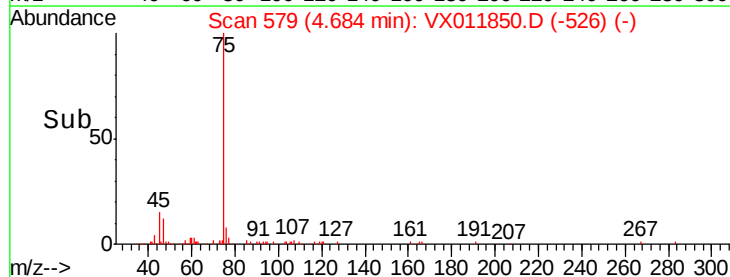
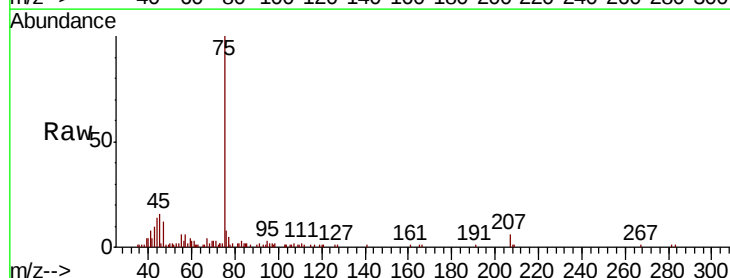
Instrument :
MSVOA_X
ClientSampleId :
TB-04-082619

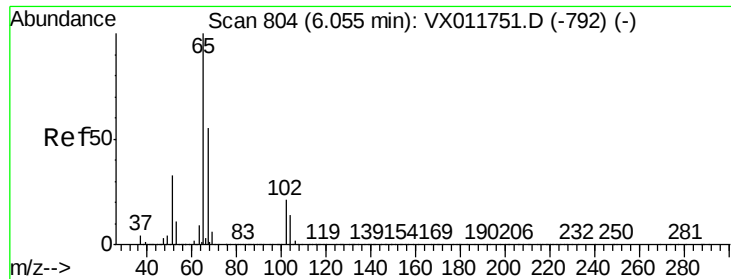
Tgt Ion: 84 Resp: 831
Ion Ratio Lower Upper
84 100
49 101.2 88.3 132.5
51 44.5 26.2 39.2#
86 82.8 50.6 76.0#



#25
2-Butanone
Concen: 0.382 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011850.D
Acq: 27 Aug 2019 15:16

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
72 27.0 21.8 32.6

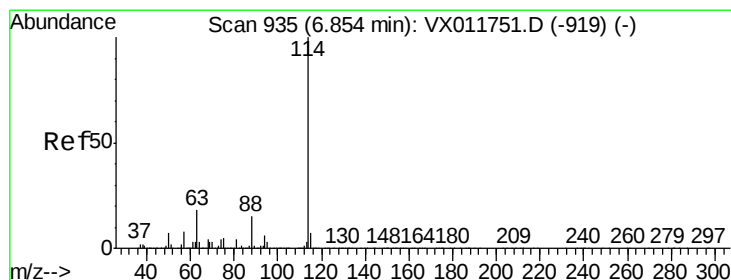
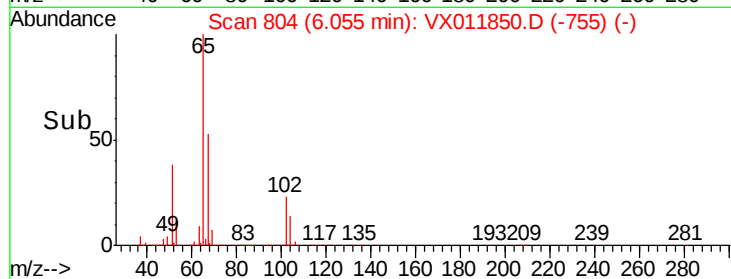
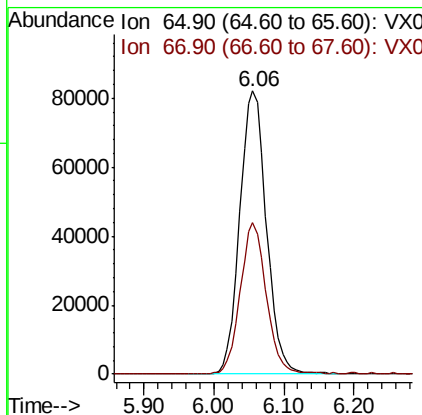
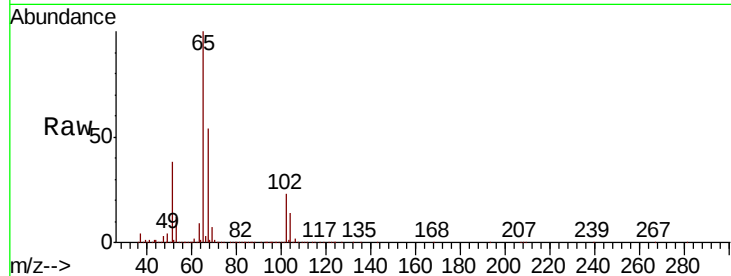




#33
 1,2-Dichloroethane-d4
 Concen: 50.275 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011850.D
 Acq: 27 Aug 2019 15:16

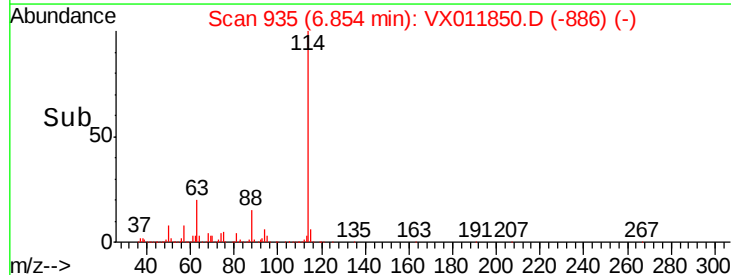
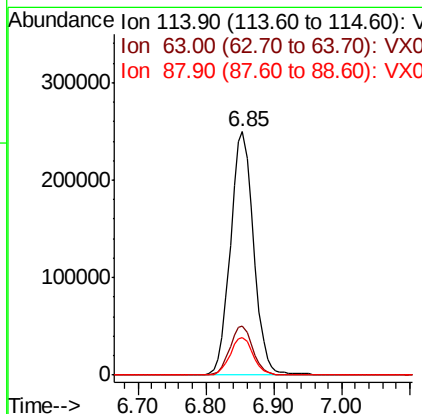
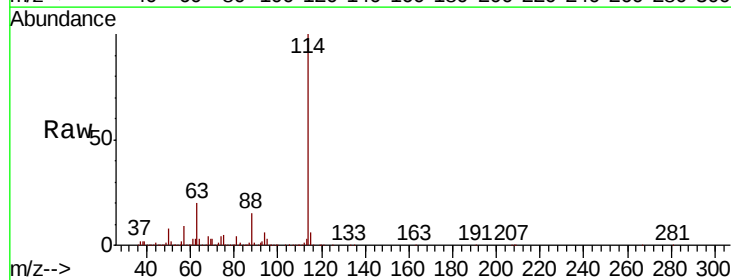
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-04-082619

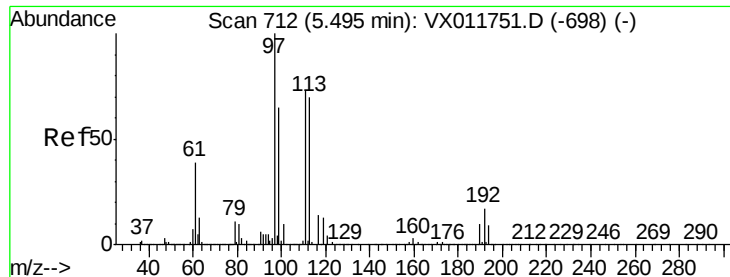
Tgt Ion: 65 Resp: 217561
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011850.D
 Acq: 27 Aug 2019 15:16

Tgt Ion: 114 Resp: 590690
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 36.8
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.892 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011850.D

Acq: 27 Aug 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

TB-04-082619

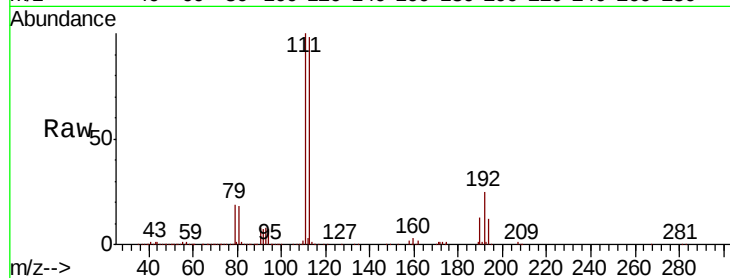
Tgt Ion:113 Resp: 182932

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

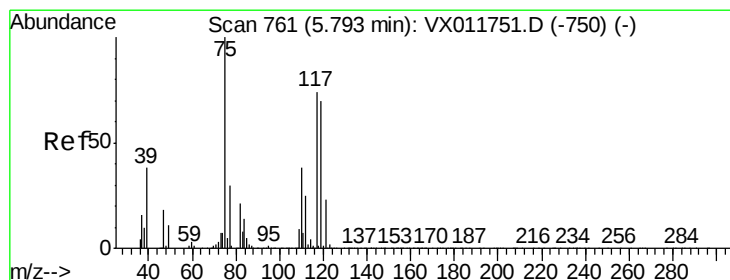
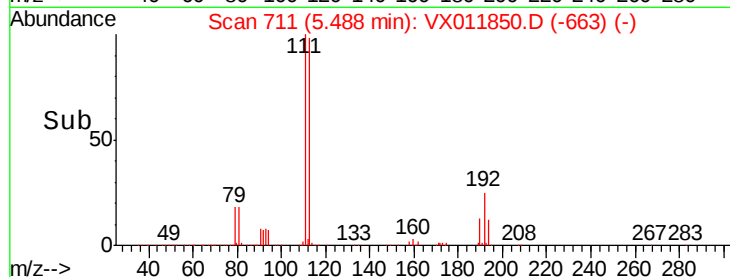
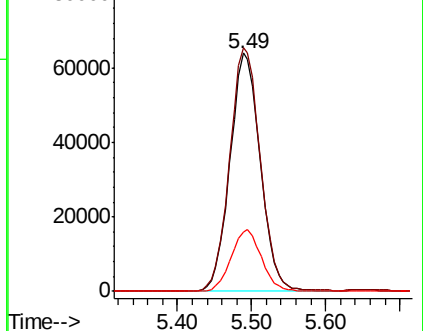
192 26.0 19.9 29.9



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: 5.972 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011850.D

Acq: 27 Aug 2019 15:16

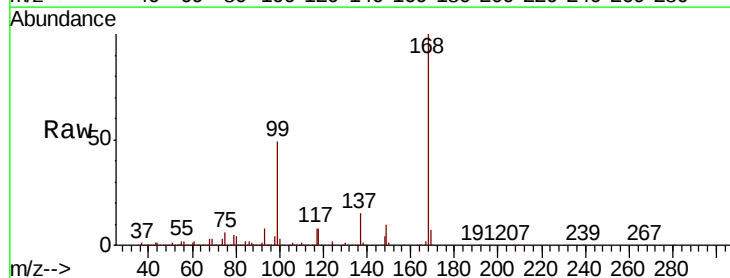
Tgt Ion: 75 Resp: 27663

Ion Ratio Lower Upper

75 100

110 11.5 19.0 57.0#

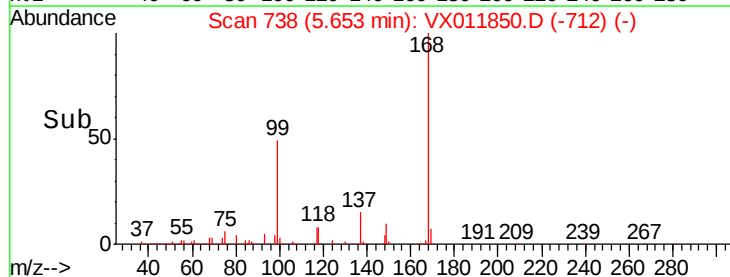
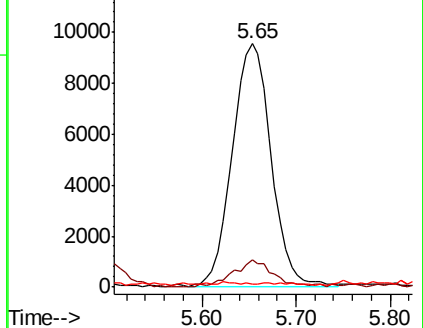
77 0.7 24.6 36.8#

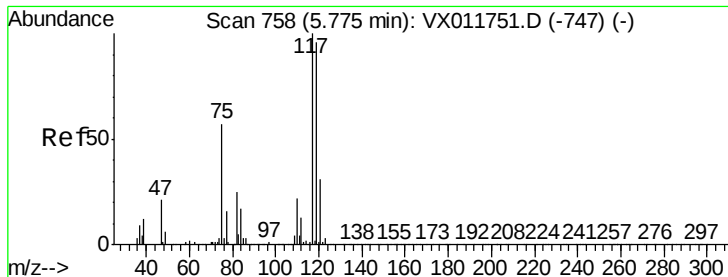


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.195 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.12 min

Lab File: VX011850.D

Acq: 27 Aug 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

TB-04-082619

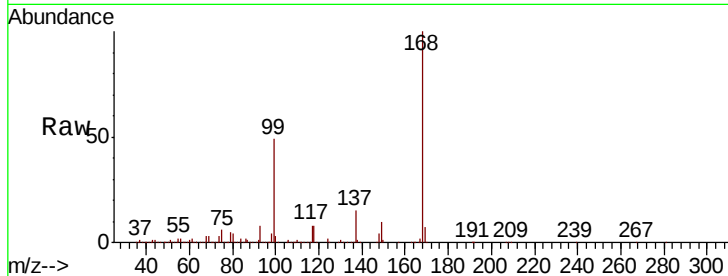
Tgt Ion: 117 Resp: 37771

Ion Ratio Lower Upper

117 100

119 5.0 76.6 114.8#

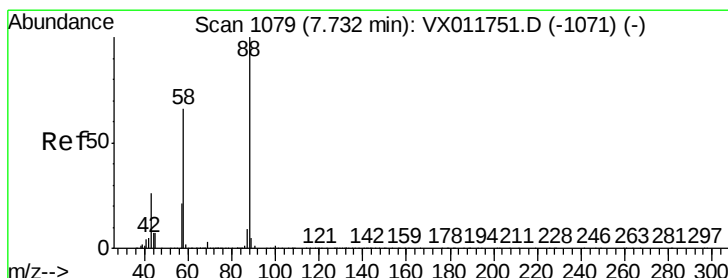
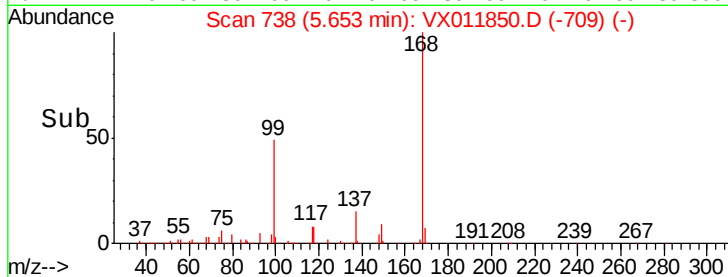
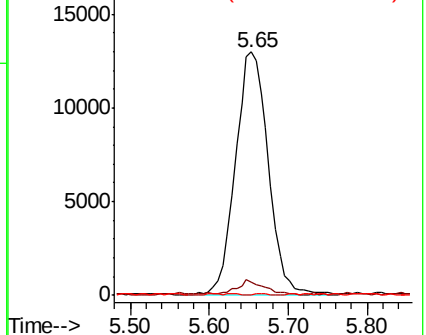
121 0.0 25.2 37.8#



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



#49

1,4-Dioxane

Concen: 0.366 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.04 min

Lab File: VX011850.D

Acq: 27 Aug 2019 15:16

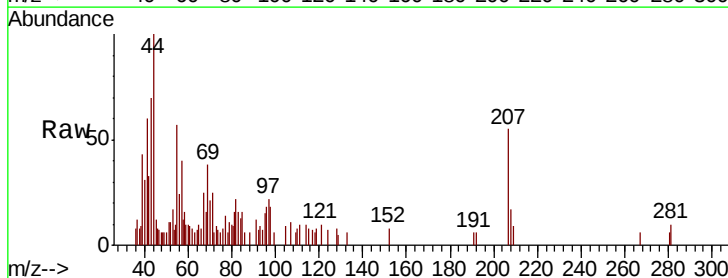
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 840.0 24.6 37.0#

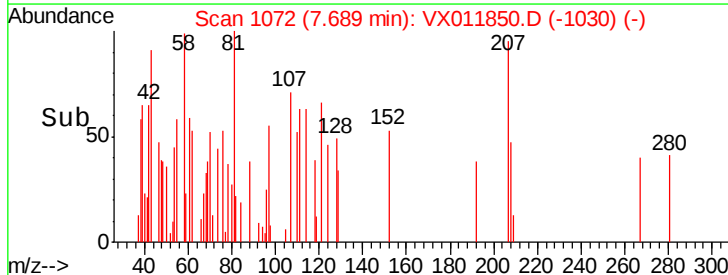
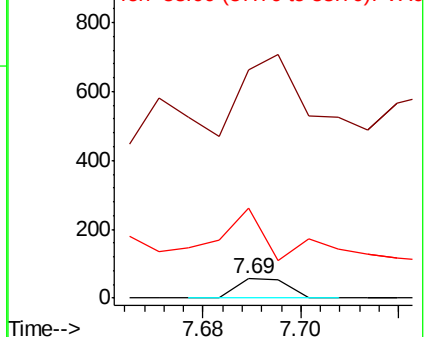
58 810.0 51.4 77.2#

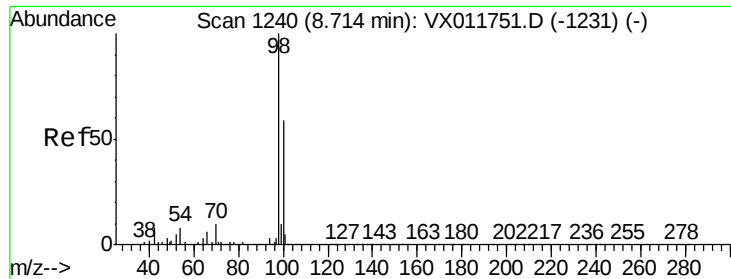


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

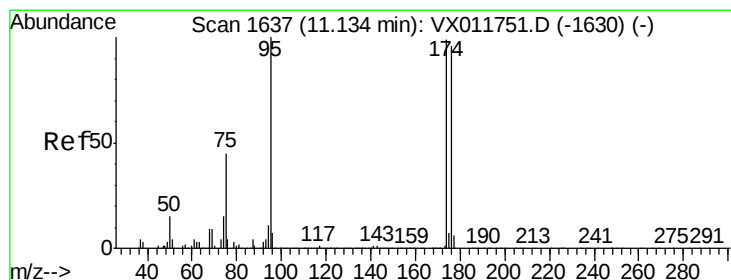
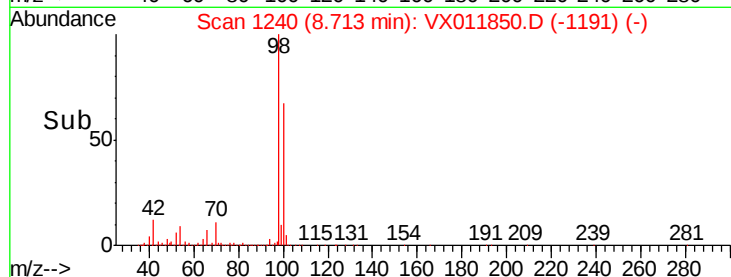
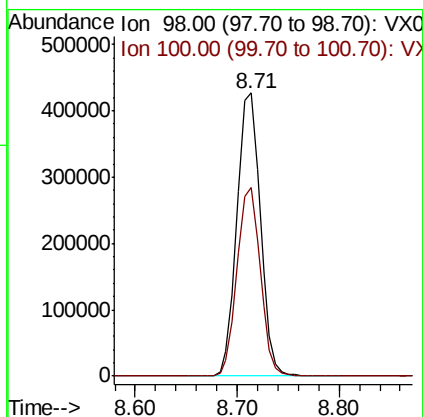
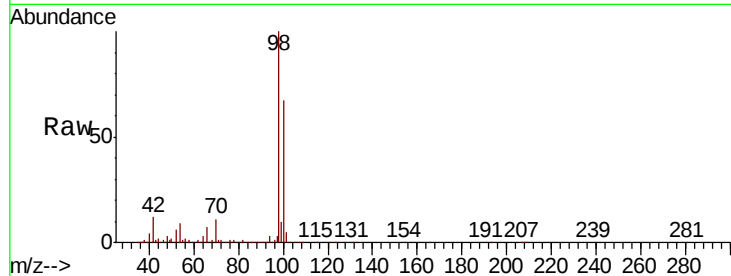




#50
Toluene-d8
Concen: 50.923 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011850.D
Acq: 27 Aug 2019 15:16

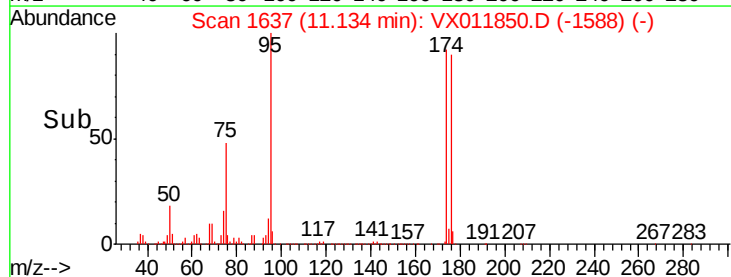
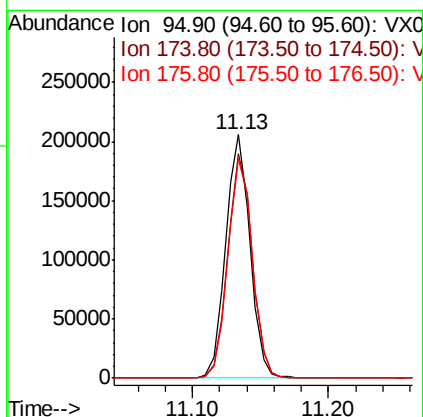
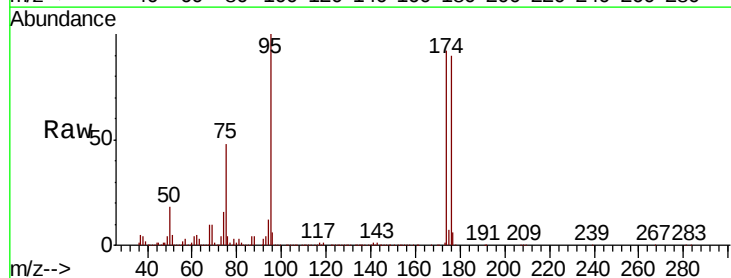
Instrument :
MSVOA_X
ClientSampleId :
TB-04-082619

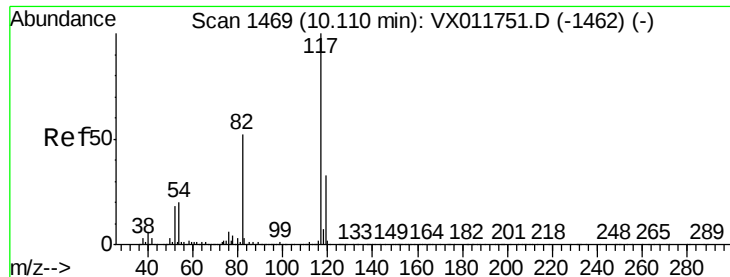
Tgt Ion: 98 Resp: 678450
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.086 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011850.D
Acq: 27 Aug 2019 15:16

Tgt Ion: 95 Resp: 253220
Ion Ratio Lower Upper
95 100
174 93.1 0.0 197.4
176 91.7 0.0 194.4

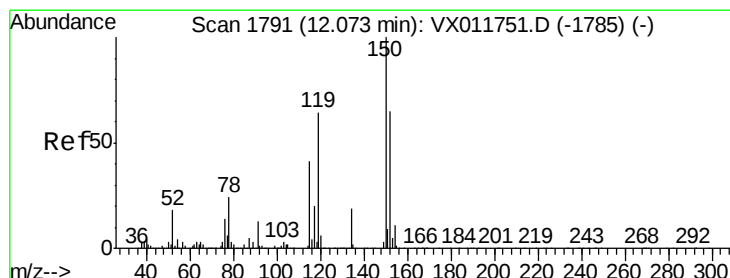
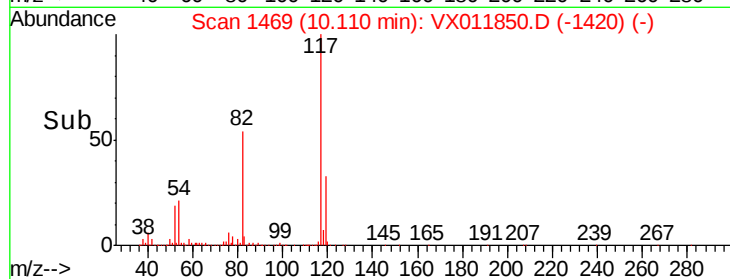
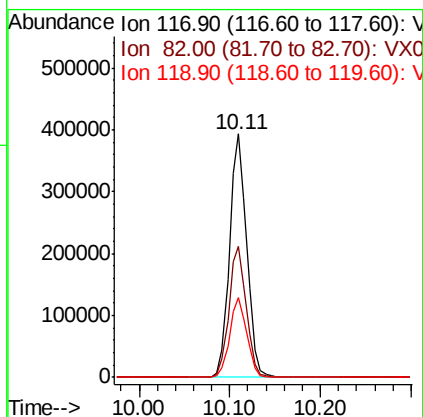
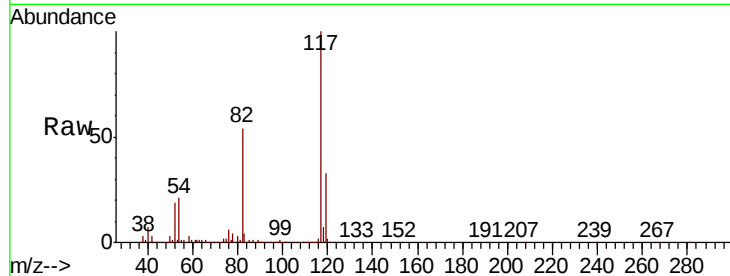




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011850.D
Acq: 27 Aug 2019 15:16

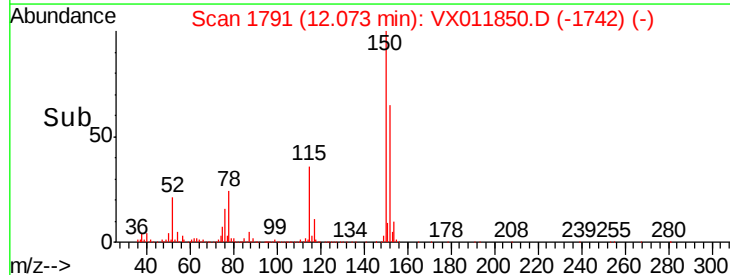
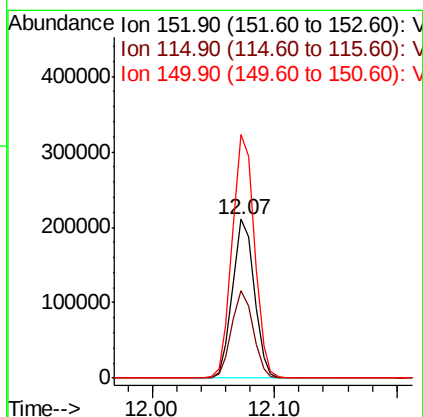
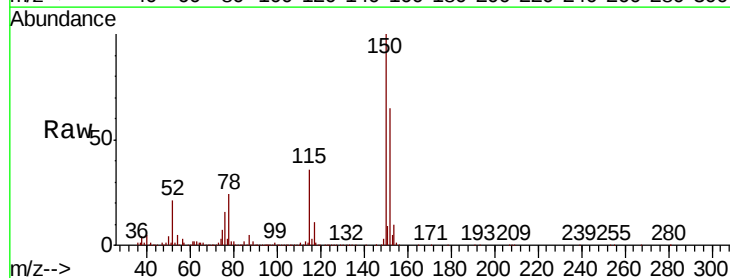
Instrument :
MSVOA_X
ClientSampleId :
TB-04-082619

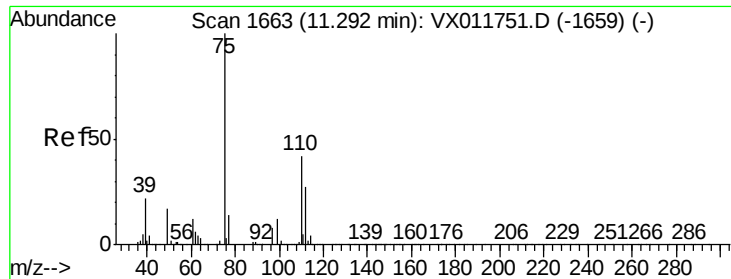
Tgt Ion:117 Resp: 525943
Ion Ratio Lower Upper
117 100
82 53.7 41.7 62.5
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011850.D
Acq: 27 Aug 2019 15:16

Tgt Ion:152 Resp: 258846
Ion Ratio Lower Upper
152 100
115 54.6 37.3 111.8
150 156.3 0.0 343.0





#76

1,2,3-Trichloropropane

Concen: 27.390 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011850.D

Acq: 27 Aug 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

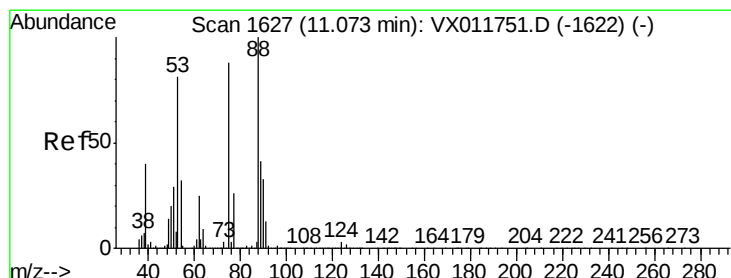
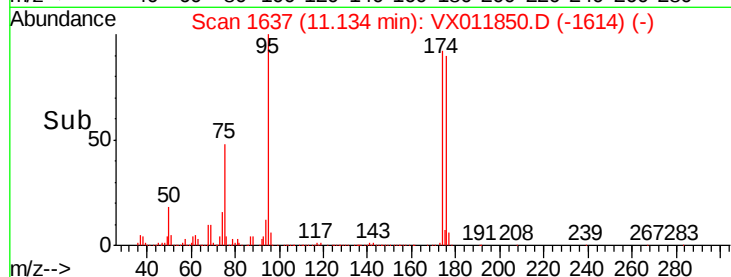
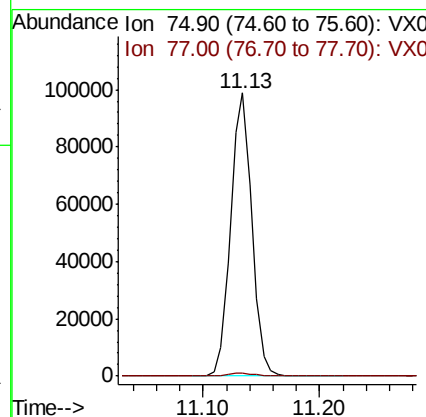
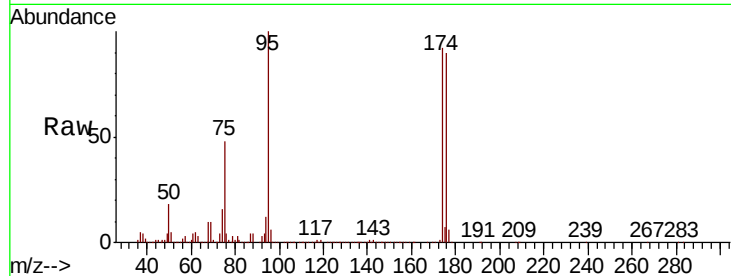
TB-04-082619

Tgt Ion: 75 Resp: 124405

Ion Ratio Lower Upper

75 100

77 1.2 21.1 63.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.604 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011850.D

Acq: 27 Aug 2019 15:16

Tgt Ion: 75 Resp: 124405

Ion Ratio Lower Upper

75 100

53 0.0 77.1 115.7#

89 0.0 38.5 57.7#

