

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071019\
 Data File : VX010778.D
 Acq On : 10 Jul 2019 15:36
 Operator : JC/SP
 Sample : K3732-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0536-190709

Quant Time: Jul 11 01:15:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136895	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	106844	55.15	ug/l	0.00
Spiked Amount			Recovery	=	110.30%	
35) Dibromofluoromethane	5.50	113	99433	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	391547	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.13	95	129187	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	

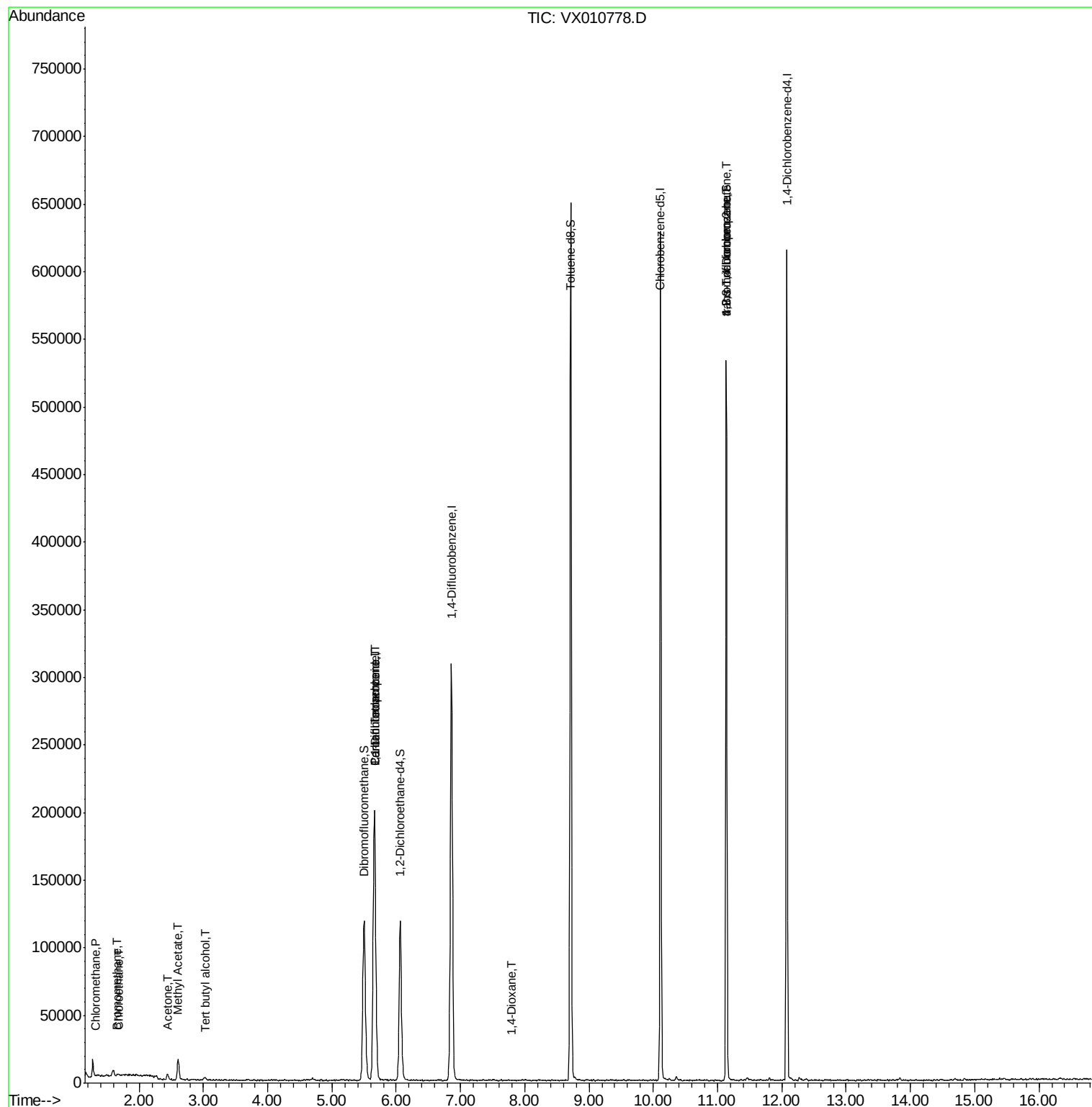
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	688	0.411	ug/l	98
5) Bromomethane	1.65	94	215	0.241	ug/l #	80
6) Chloroethane	1.69	64	341	0.315	ug/l #	79
11) Tert butyl alcohol	3.03	59	1427	2.815	ug/l #	86
16) Acetone	2.44	43	4457	4.590	ug/l	91
18) Methyl Acetate	2.60	43	5199	2.686	ug/l #	51
36) 1,1-Dichloropropene	5.67	75	13585	5.209	ug/l #	49
38) Carbon Tetrachloride	5.66	117	18750	6.639	ug/l #	16
49) 1,4-Dioxane	7.80	88	31	0.522	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	64167	25.723	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	64167	60.008	ug/l #	16

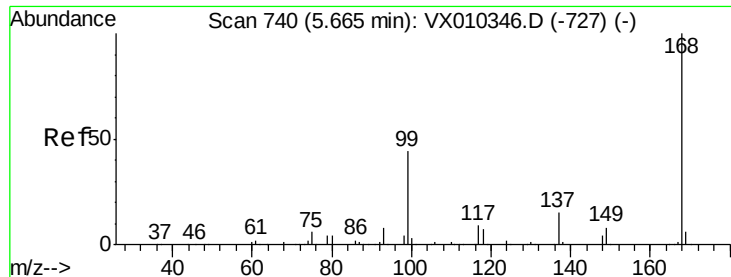
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010778.D

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Instrument :

MSVOA_X

ClientSampleId :

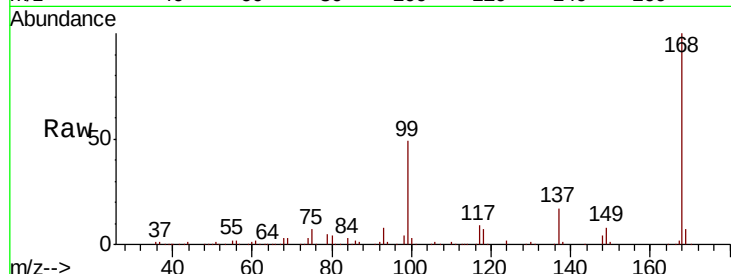
DUP-0536-190709

Tot Ion:168 Resp: 206640

Ion Ratio Lower Upper

168 100

99 49.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

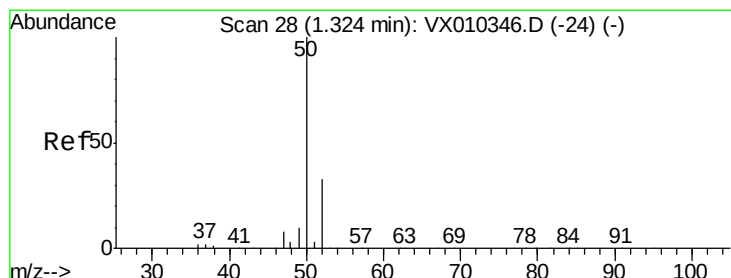
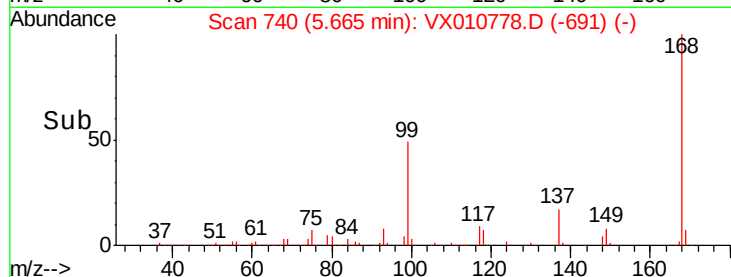
Time-->

5.50

5.60

5.70

5.80



#3

Chloromethane

Concen: 0.411 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010778.D

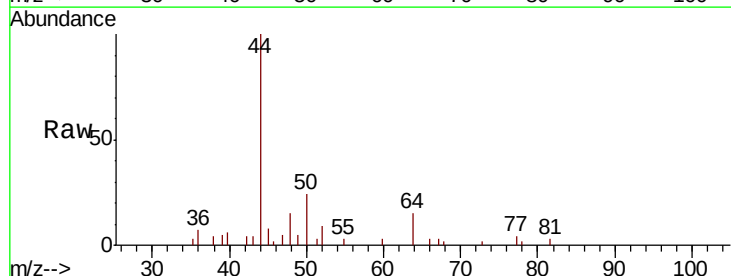
Acq: 10 Jul 2019 15:36

Tgt Ion: 50 Resp: 688

Ion Ratio Lower Upper

50 100

52 32.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

400

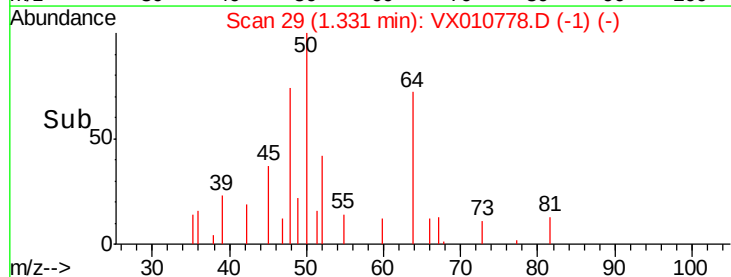
200

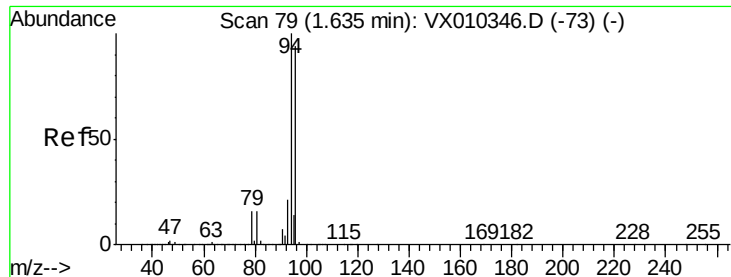
0

Time-->

1.30

1.35





#5

Bromomethane

Concen: 0.241 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010778.D

Acq: 10 Jul 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

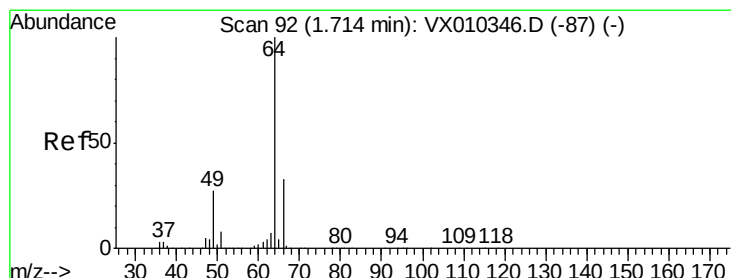
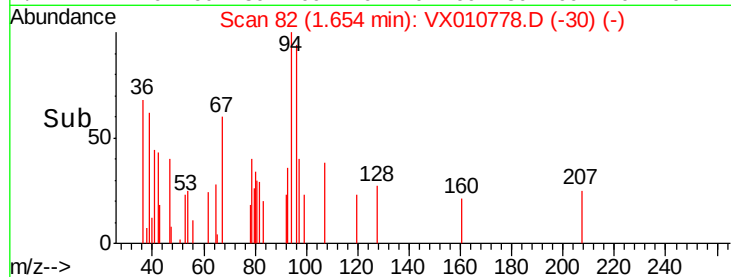
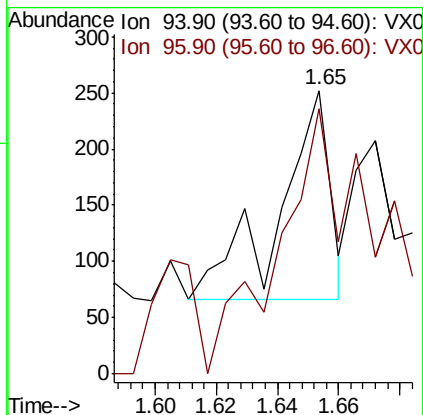
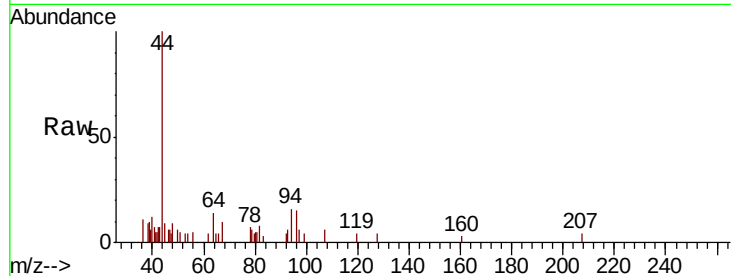
DUP-0536-190709

Tot Ion: 94 Resp: 215

Ion Ratio Lower Upper

94 100

96 74.7 75.5 113.3#



#6

Chloroethane

Concen: 0.315 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX010778.D

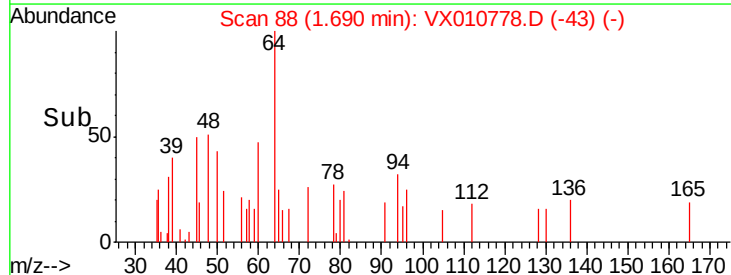
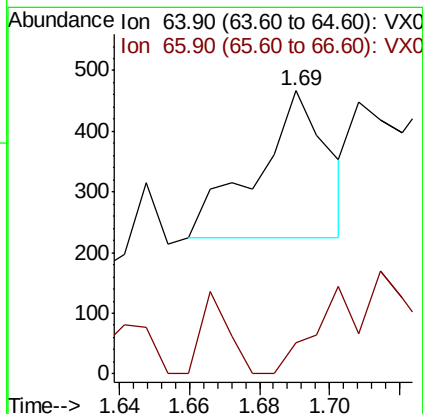
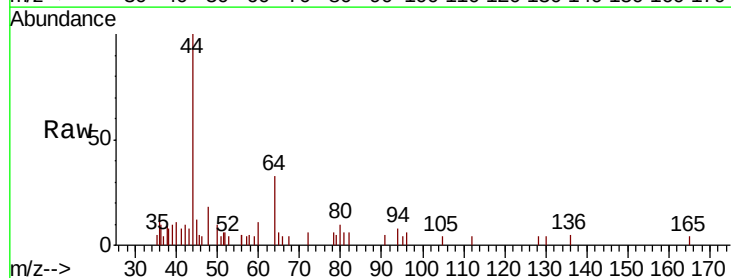
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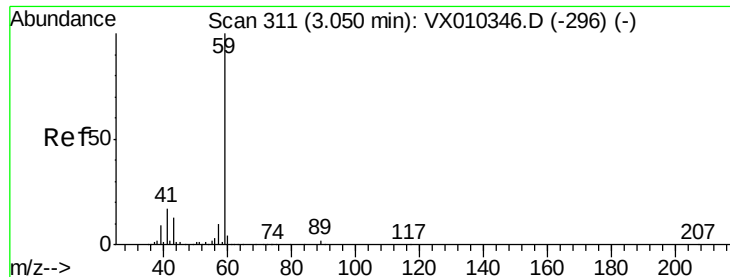
Tgt Ion: 64 Resp: 341

Ion Ratio Lower Upper

64 100

66 21.4 26.6 40.0#

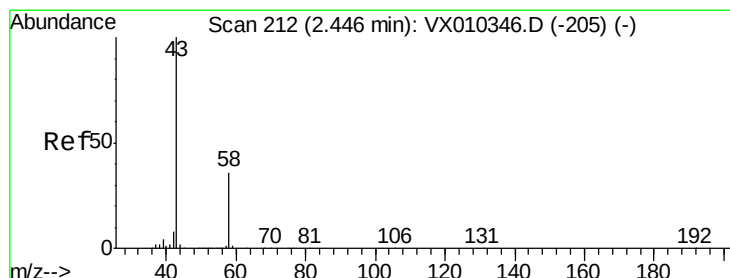
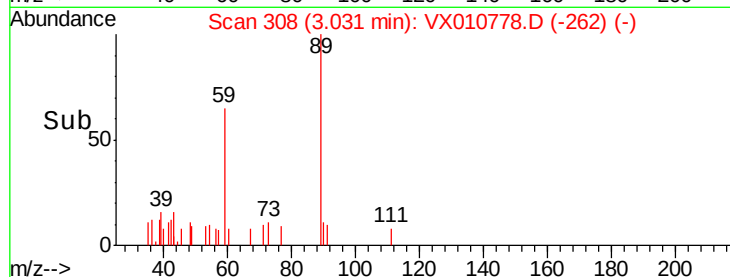
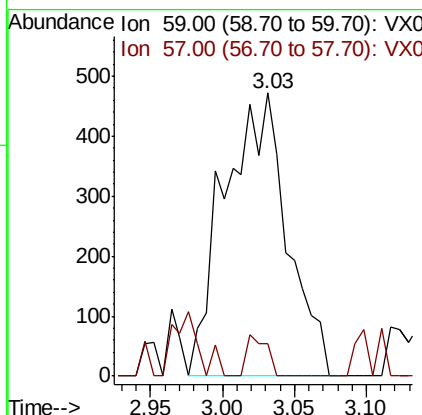
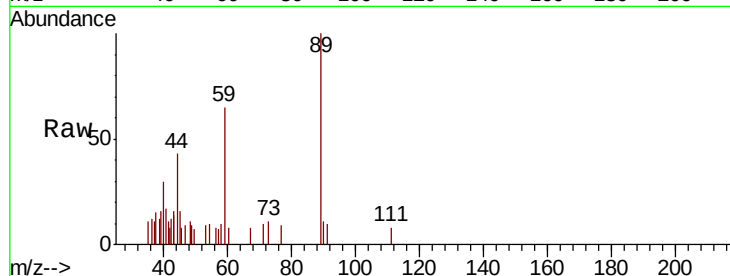




#11
Tert butyl alcohol
Concen: 2.815 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX010778.D
Acq: 10 Jul 2019 15:36

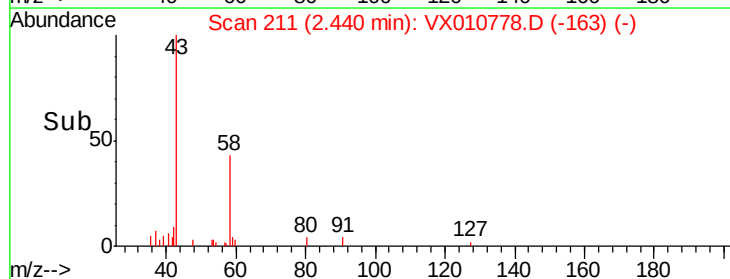
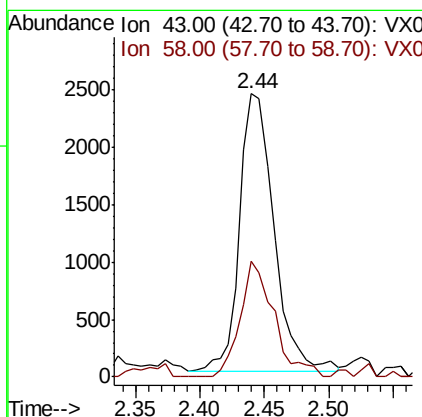
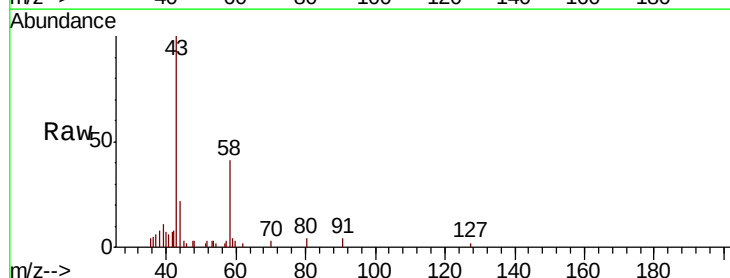
Instrument :
MSVOA_X
ClientSampleId :
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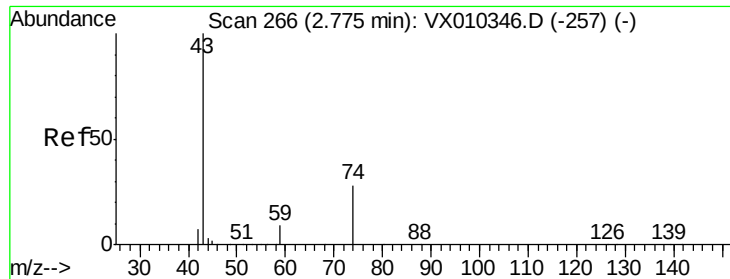
Tot Ion: 59 Resp: 1427
Ion Ratio Lower Upper
59 100
57 4.6 7.7 11.5#



#16
Acetone
Concen: 4.590 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010778.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 43 Resp: 4457
Ion Ratio Lower Upper
43 100
58 41.6 28.9 43.3

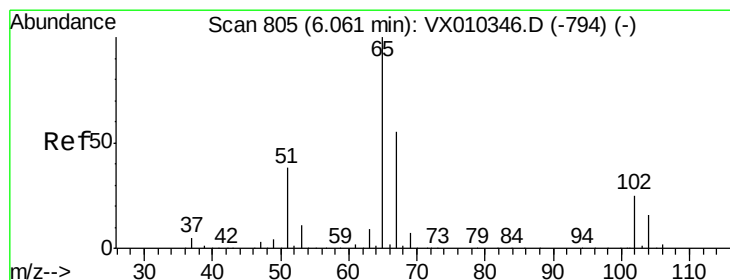
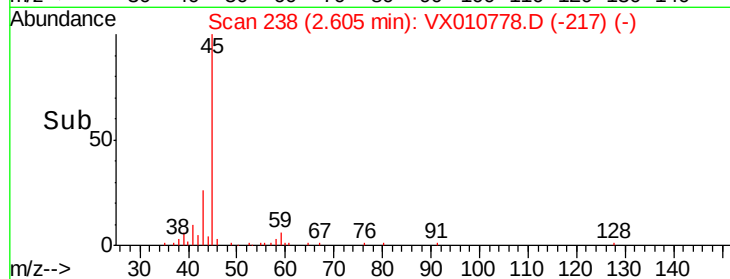
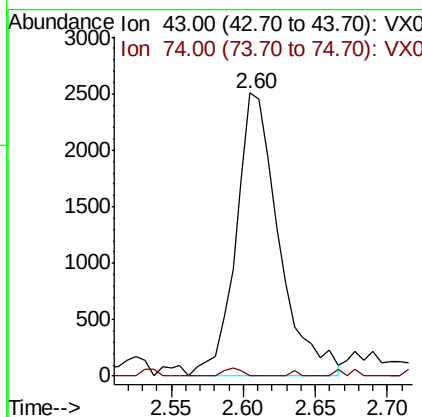
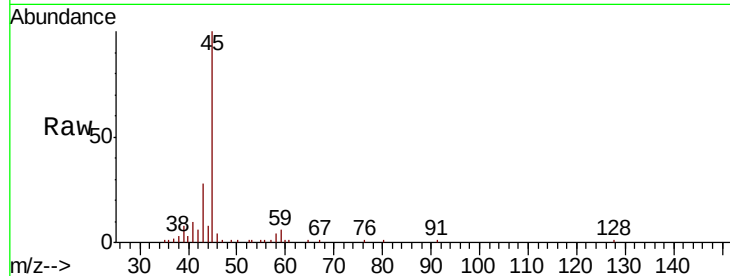




#18
Methvl Acetate
Concen: 2.686 ug/l
RT: 2.60 min Scan# 238
Delta R.T. -0.17 min
Lab File: VX010778.D
Acq: 10 Jul 2019 15:36

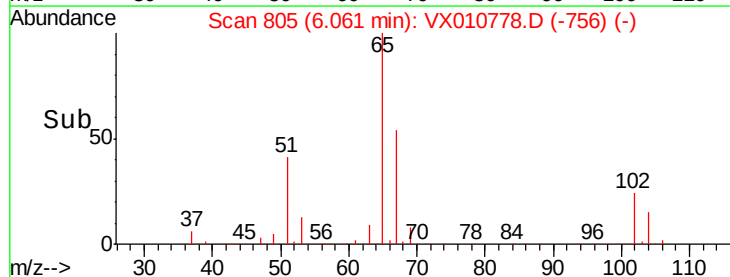
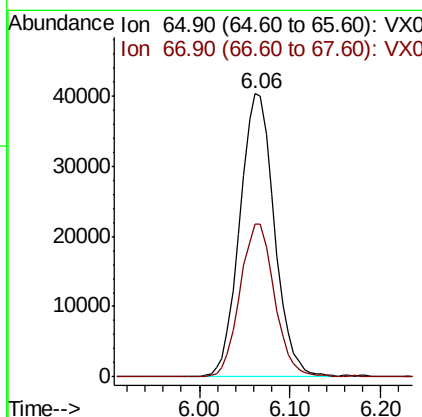
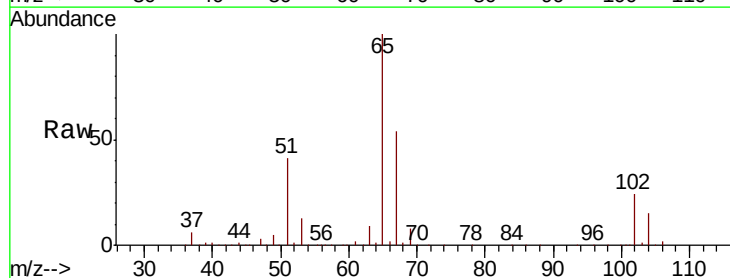
Instrument :
MSVOA_X
ClientSampleId :
DUP-0536-190709

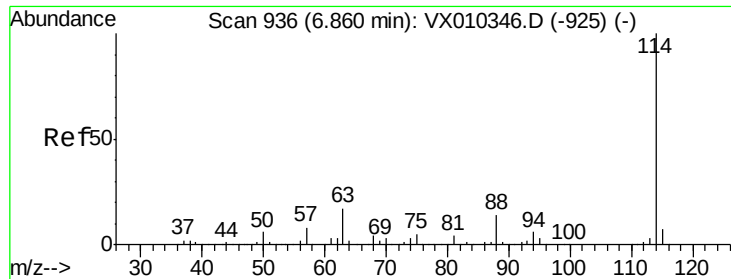
Tot Ion: 43 Resp: 5199
Ion Ratio Lower Upper
43 100
74 1.3 21.3 31.9#



#33
1,2-Dichloroethane-d4
Concen: 55.147 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010778.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 65 Resp: 106844
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2

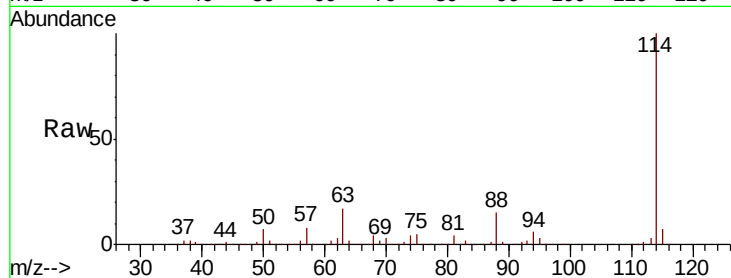




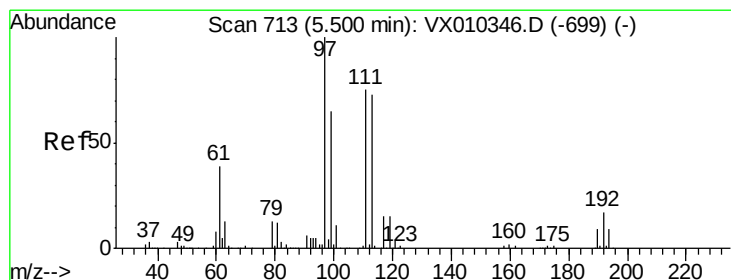
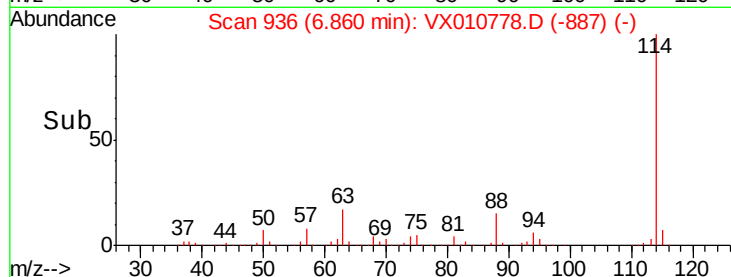
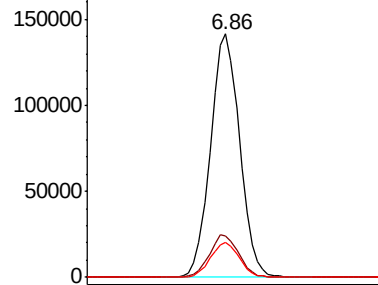
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010778.D
 Acq: 10 Jul 2019 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0536-190709

Tot Ion:114 Resp: 328199
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.8
 88 14.6 0.0 27.6

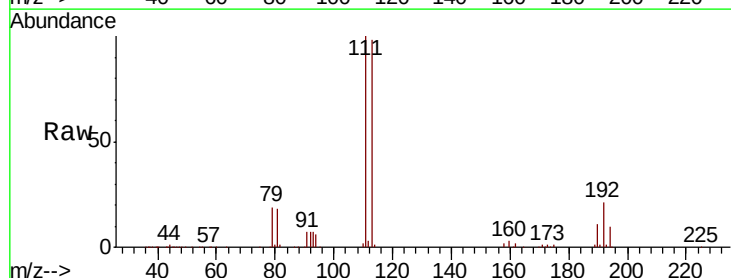


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

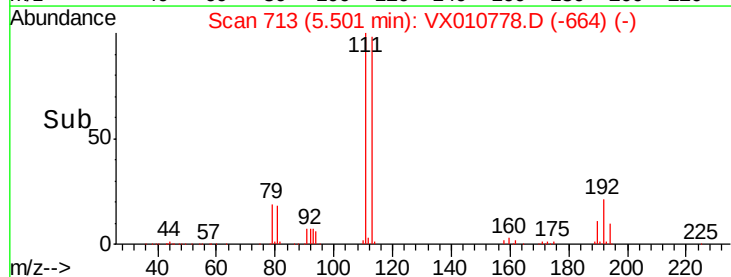
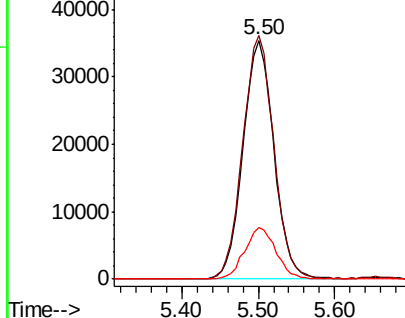


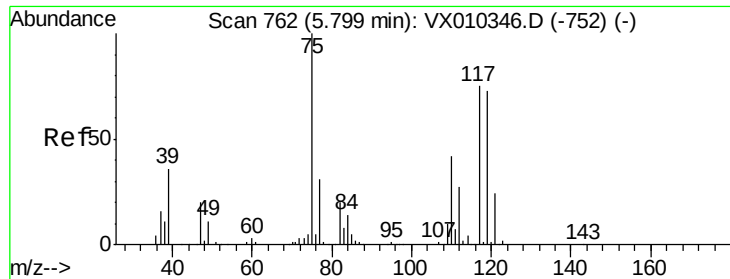
#35
 Dibromofluoromethane
 Concen: 49.517 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010778.D
 Acq: 10 Jul 2019 15:36

Tgt Ion:113 Resp: 99433
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.2 121.8
 192 22.0 18.6 27.8



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

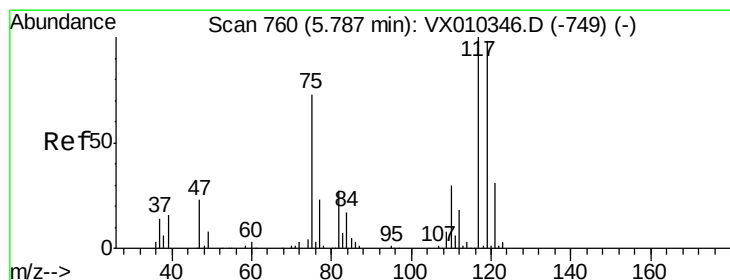
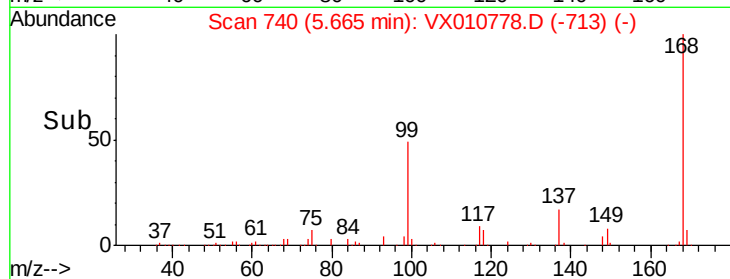
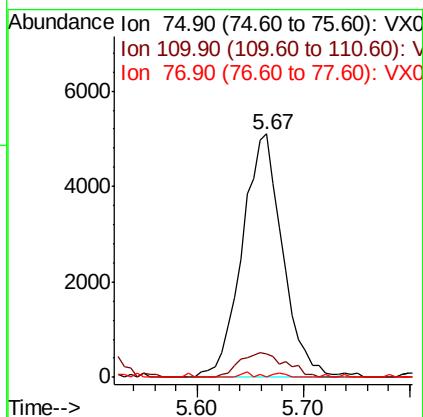
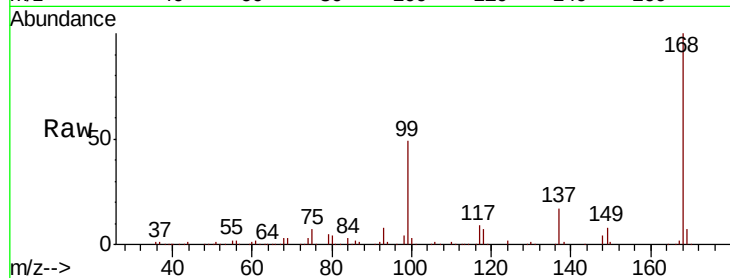




#36
 1,1-Dichloropropene
 Concen: 5.209 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010778.D
 Acq: 10 Jul 2019 15:36

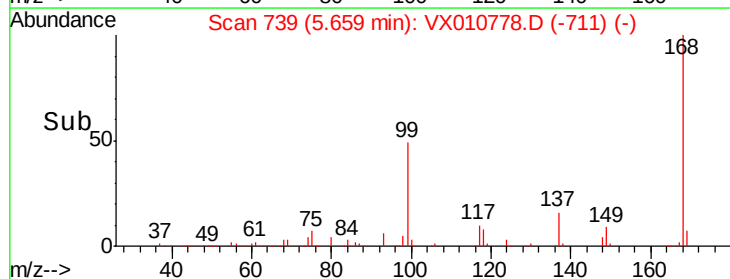
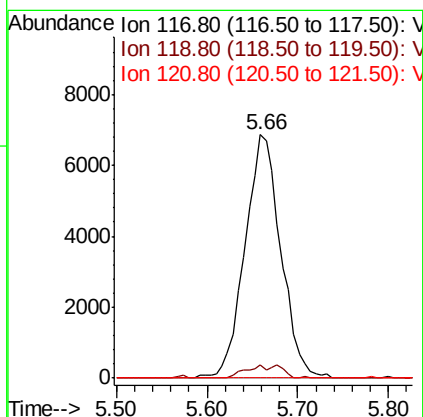
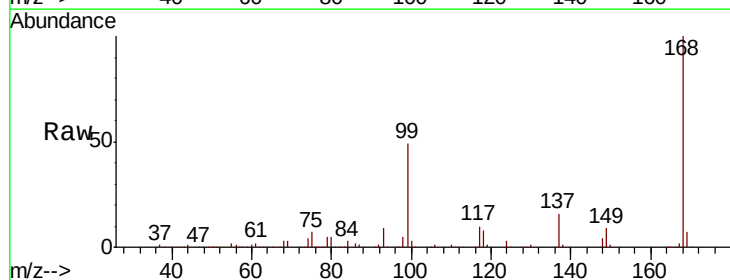
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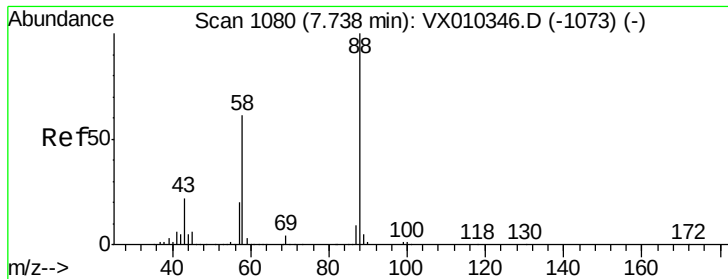
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.6	20.8	62.2#
77	0.6	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.639 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010778.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.2	117.4#
121	0.0	24.7	37.1#

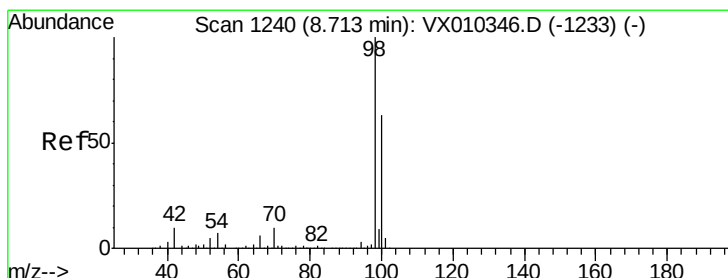
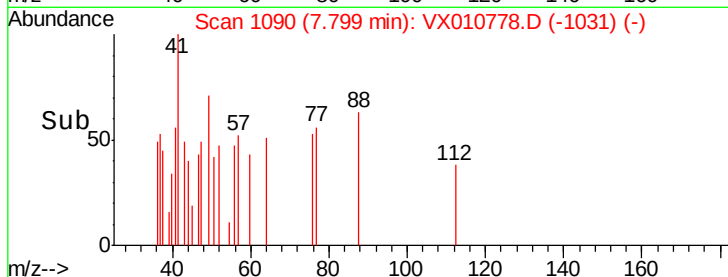
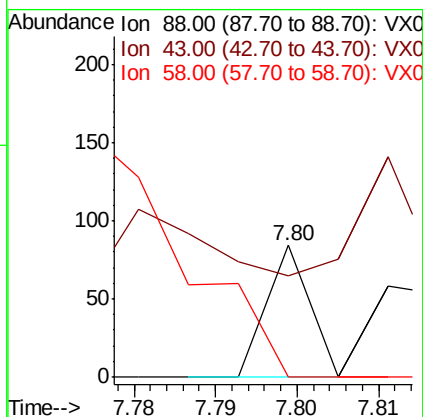
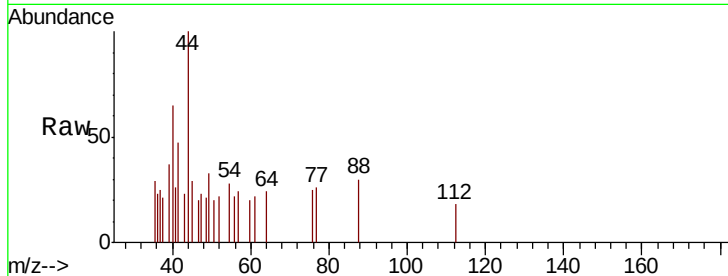




#49
1,4-Dioxane
Concen: 0.522 ug/l
RT: 7.80 min Scan# 1090
Delta R.T. 0.06 min
Lab File: VX010778.D
Acq: 10 Jul 2019 15:36

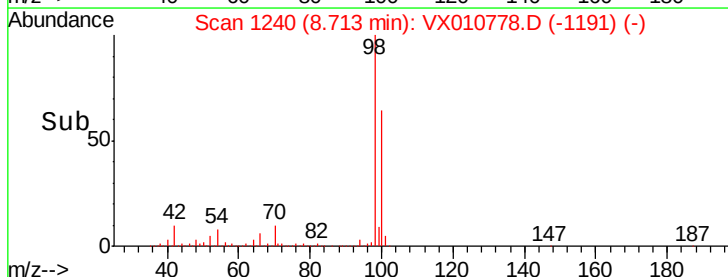
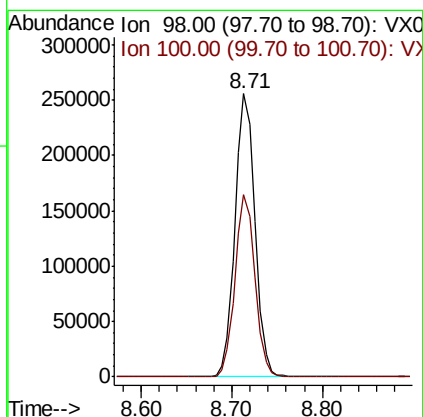
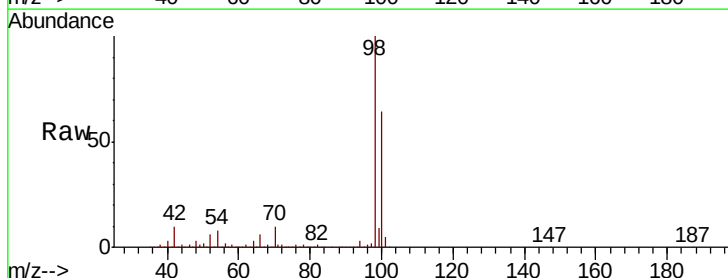
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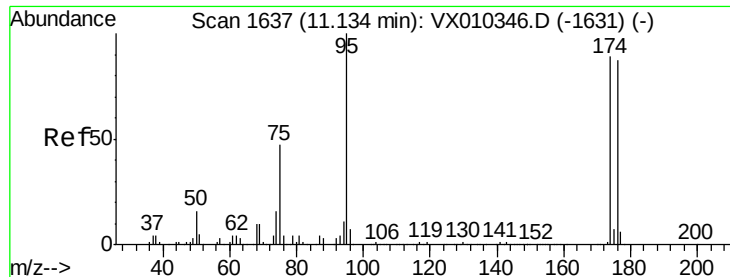
Tot Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#



#50
Toluene-d8
Concen: 50.967 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010778.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 98 Resp: 391547
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

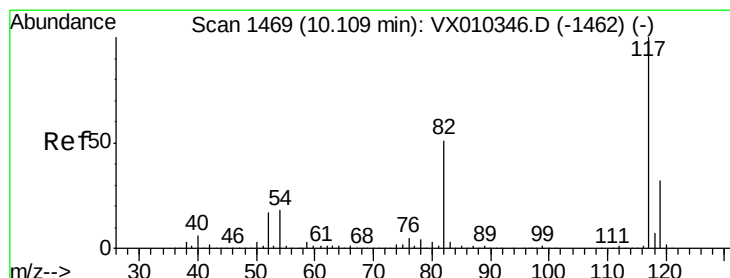
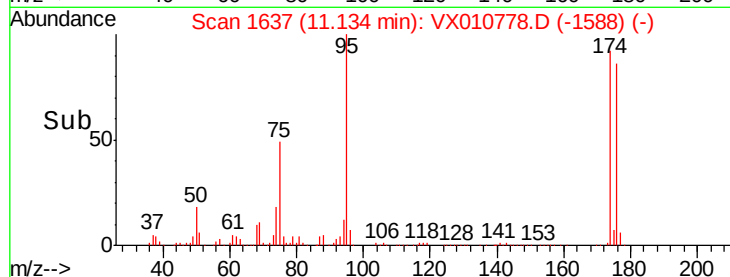
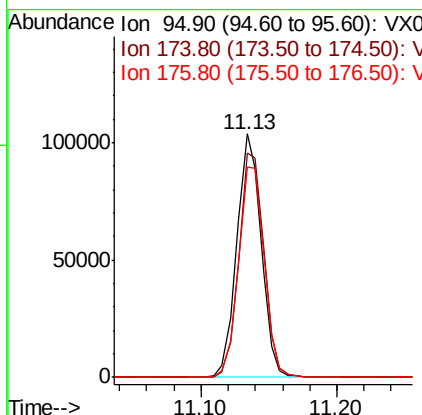
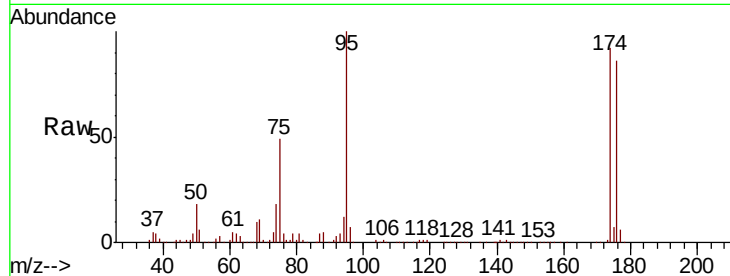




#62
4-Bromofluorobenzene
Concen: 46.578 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010778.D
Acq: 10 Jul 2019 15:36

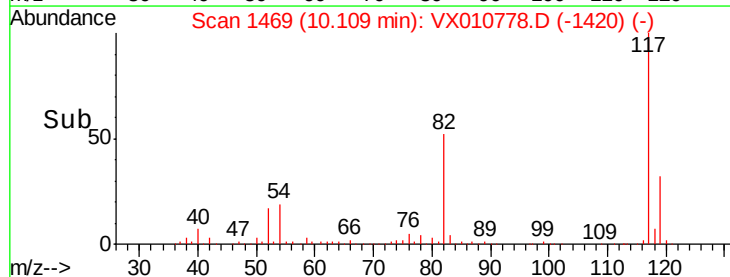
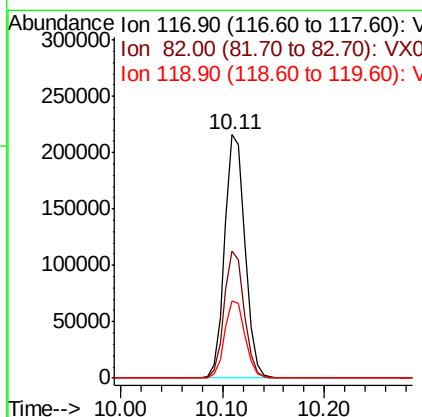
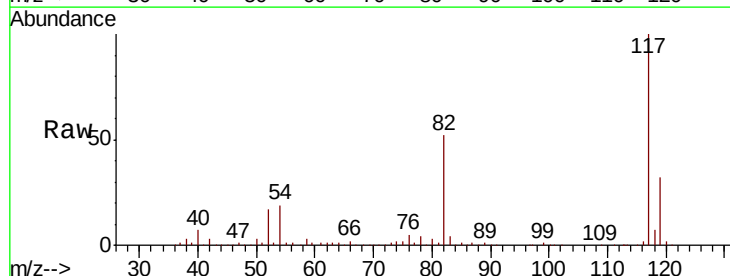
Instrument :
MSVOA_X
ClientSampleId :
DUP-0536-190709

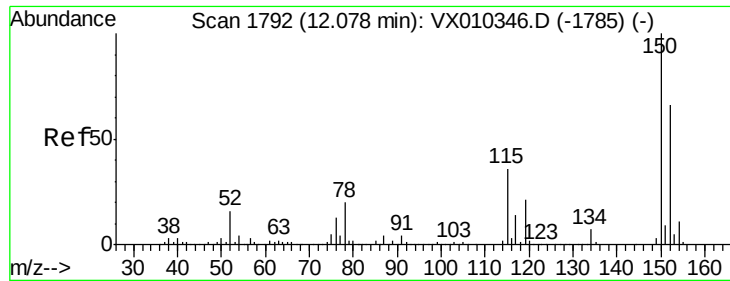
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	187.6
176	91.2	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010778.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.2	61.8
119	31.8	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010778.D

Acq: 10 Jul 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

DUP-0536-190709

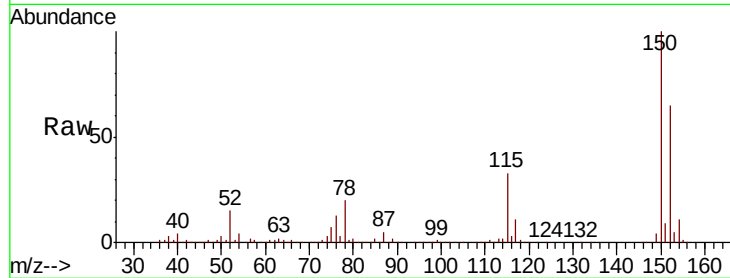
Tot Ion:152 Resp: 136895

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

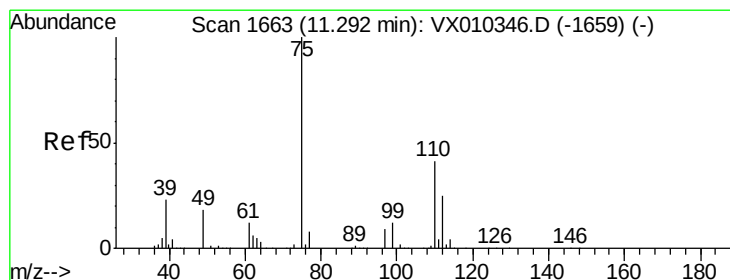
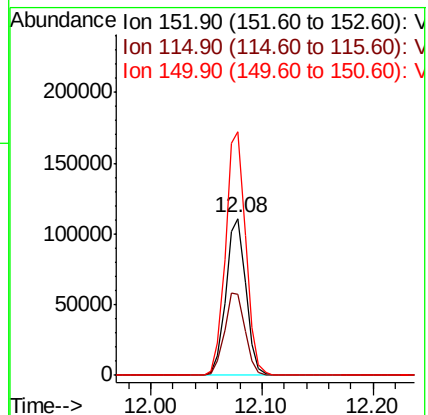
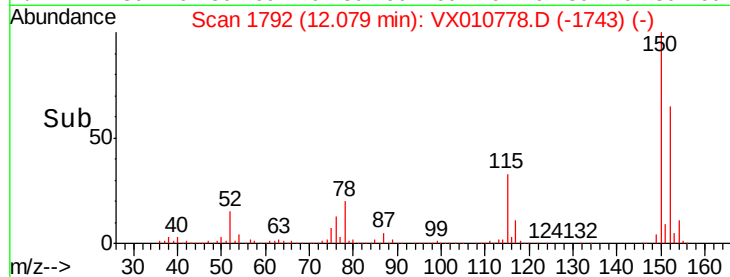
150 157.1 0.0 347.4



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: 25.723 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010778.D

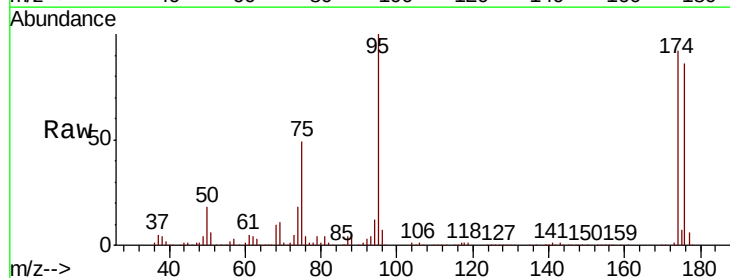
Acq: 10 Jul 2019 15:36

Tgt Ion: 75 Resp: 64167

Ion Ratio Lower Upper

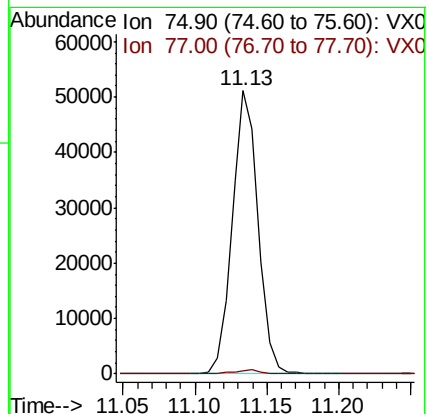
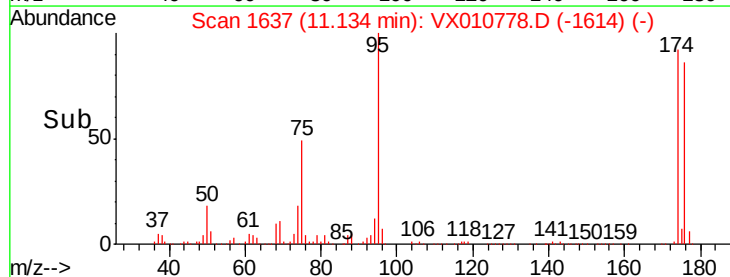
75 100

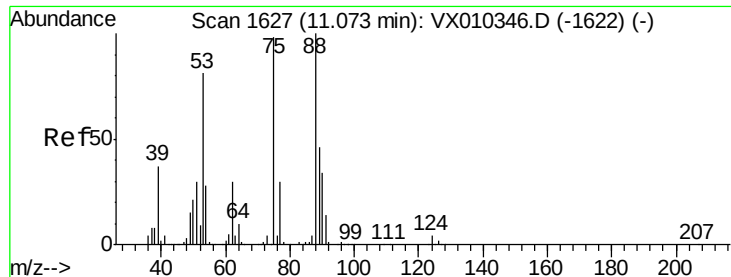
77 1.5 22.6 67.8#



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: 60.008 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010778.D

Acq: 10 Jul 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

DUP-0536-190709

Tot Ion: 75 Resp: 64167

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

89 0.0 37.8 56.6#

