

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
 Data File : VX006864.D
 Acq On : 28 Dec 2018 16:33
 Operator : JC/MD
 Sample : J6447-08ME
 Misc : 5.38g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS025-1218-01ME

Quant Time: Dec 28 23:00:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	586721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	871681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	805949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	290762	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
35) Dibromofluoromethane	5.51	113	240733	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	
50) Toluene-d8	8.71	98	1022013	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.14	95	378508	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	

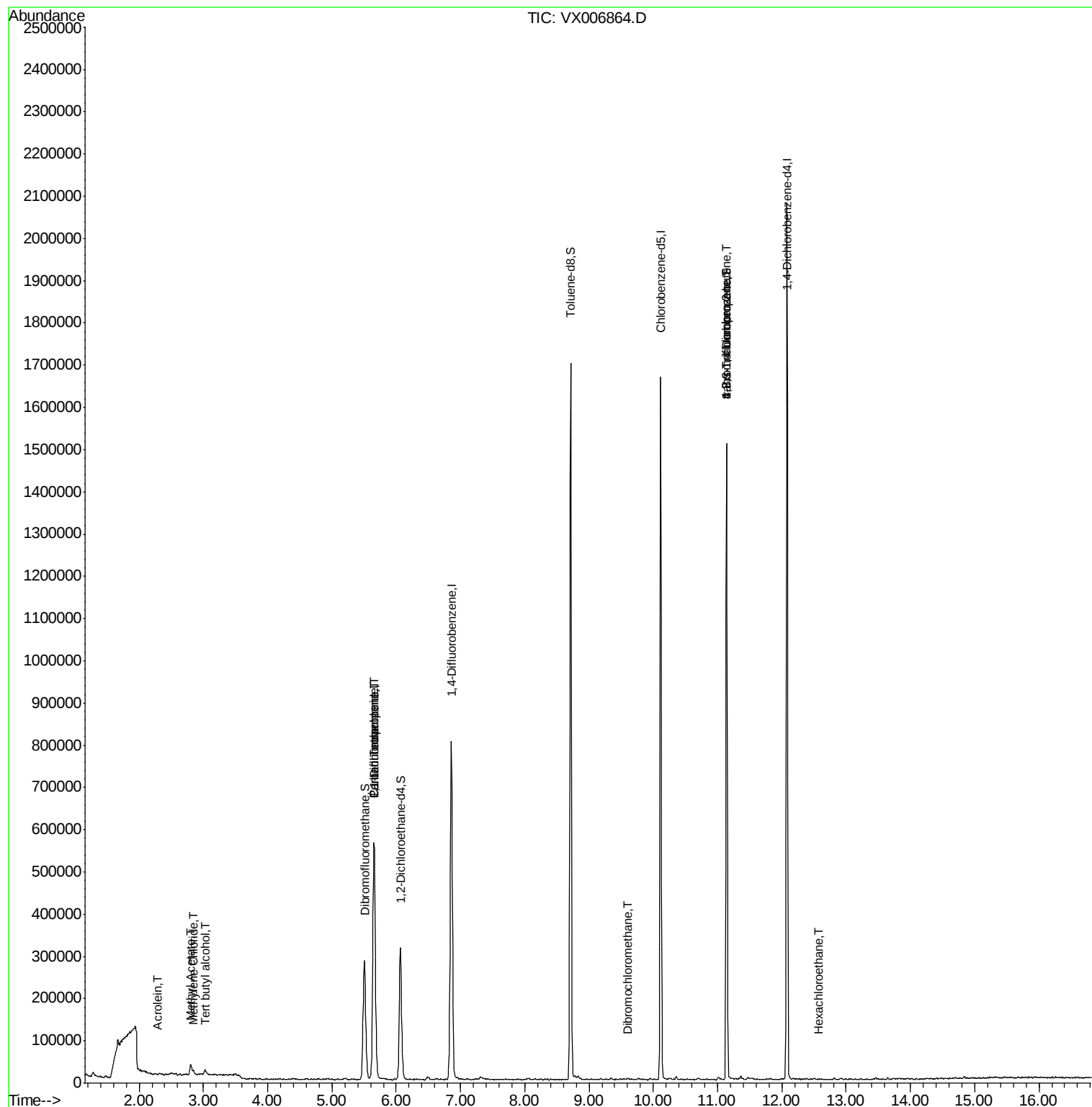
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	879	Below Cal	#	33
11) Tert butyl alcohol	3.03	59	7793	5.522	ug/l #	81
13) Acrolein	2.29	56	282	0.296	ug/l #	57
18) Methyl Acetate	2.81	43	31707	3.712	ug/l	97
20) Methylene Chloride	2.84	84	4747	0.790	ug/l #	82
28) Bromochloromethane	5.02	49	227	Below Cal	#	4
36) 1,1-Dichloropropene	5.65	75	37212	5.154	ug/l #	48
38) Carbon Tetrachloride	5.65	117	52500	7.483	ug/l #	14
49) 1,4-Dioxane	7.75	88	132	Below Cal	#	1
60) Dibromochloromethane	9.60	129	44	2.331	ug/l	91
76) 1,2,3-Trichloropropane	11.14	75	179089	22.503	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	179089	66.919	ug/l #	10
90) Hexachloroethane	12.57	117	22	3.298	ug/l	94

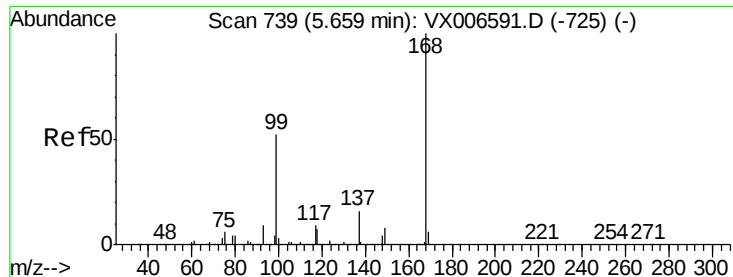
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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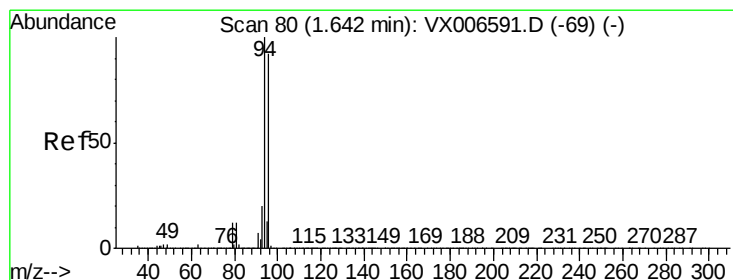
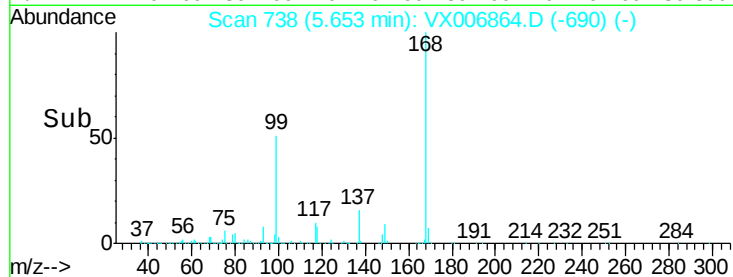
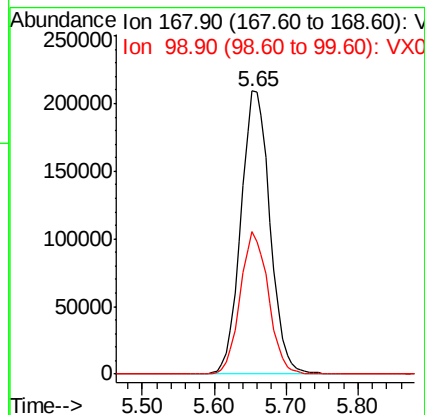
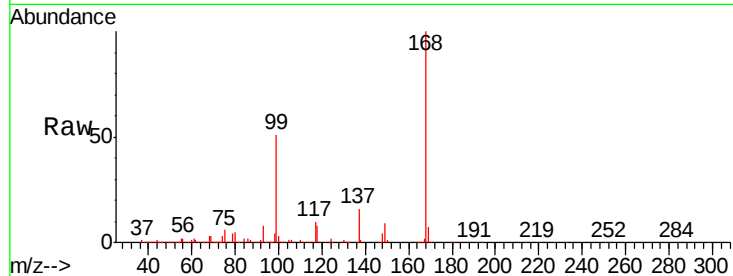


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VX006864.D
 Acq: 28 Dec 2018 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS025-1218-01ME

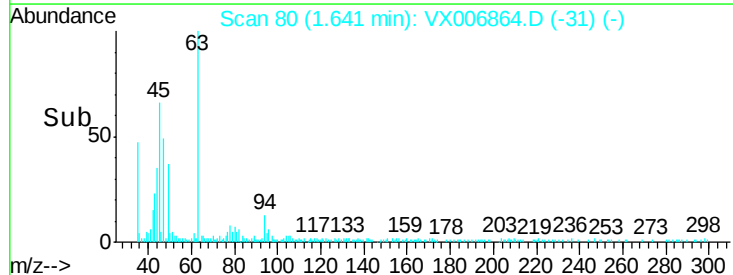
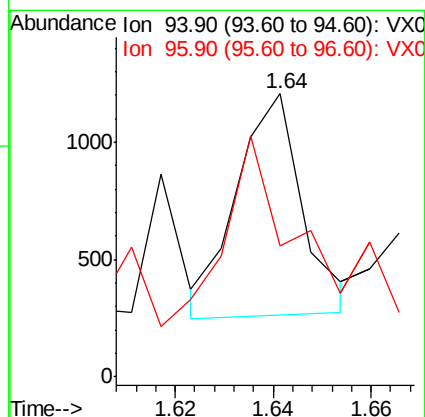
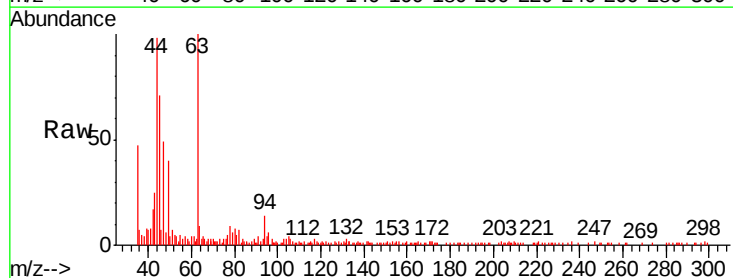
Tgt Ion: 168 Resp: 586721
 Ion Ratio Lower Upper
 168 100
 99 50.6 41.8 62.8

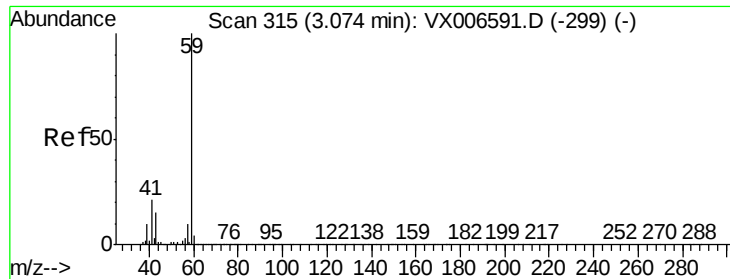


#5

Bromomethane
 Concen: Below Cal
 RT: 1.64 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: VX006864.D
 Acq: 28 Dec 2018 16:33

Tgt Ion: 94 Resp: 879
 Ion Ratio Lower Upper
 94 100
 96 27.5 73.4 110.2#

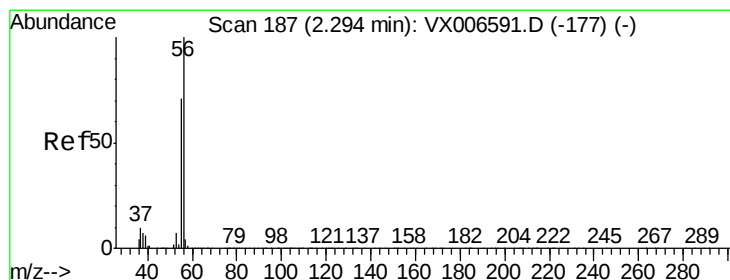
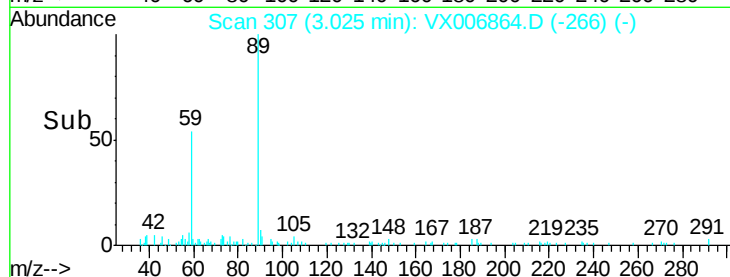
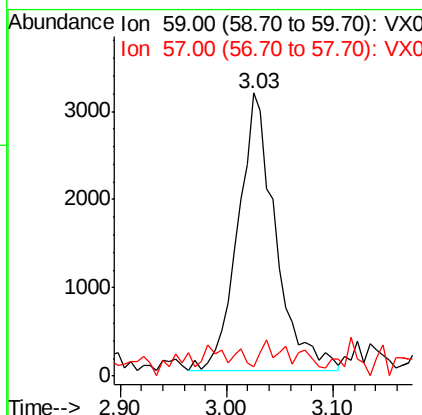
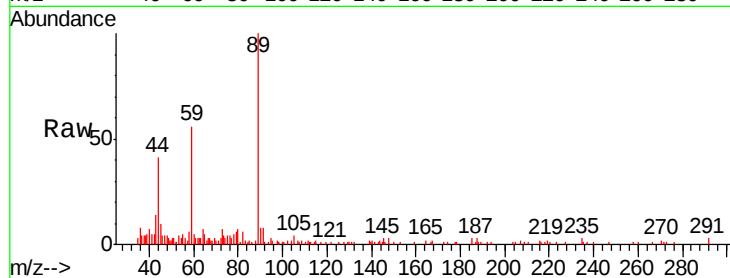




#11
Tert butyl alcohol
Concen: 5.522 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006864.D
Acq: 28 Dec 2018 16:33

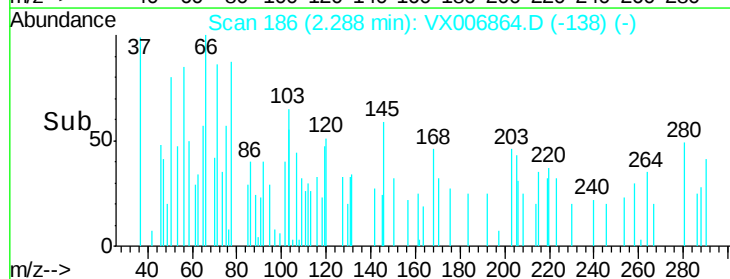
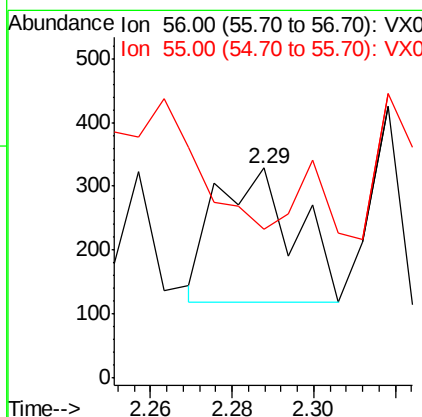
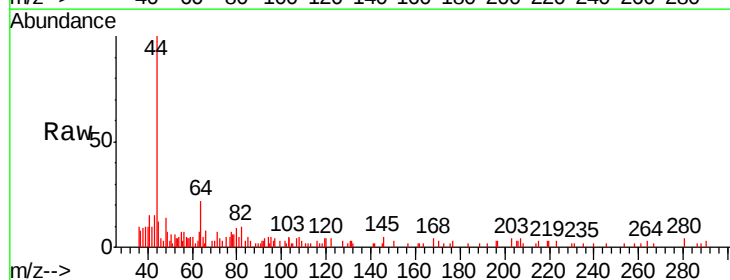
Instrument :
MSVOA_X
ClientSampleId :
P001-SS025-1218-01ME

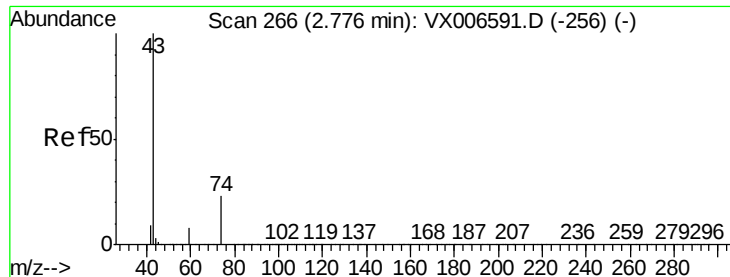
Tgt Ion: 59 Resp: 7793
Ion Ratio Lower Upper
59 100
57 3.3 8.5 12.7#



#13
Acrolein
Concen: 0.296 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006864.D
Acq: 28 Dec 2018 16:33

Tgt Ion: 56 Resp: 282
Ion Ratio Lower Upper
56 100
55 36.9 58.2 87.4#

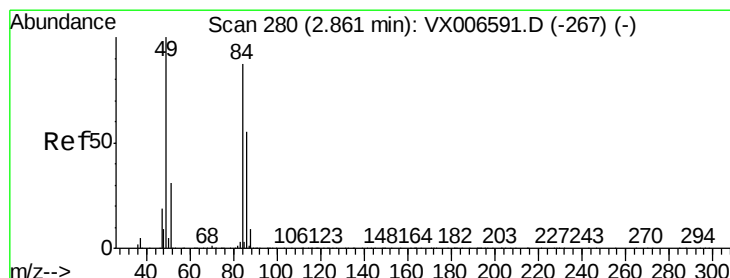
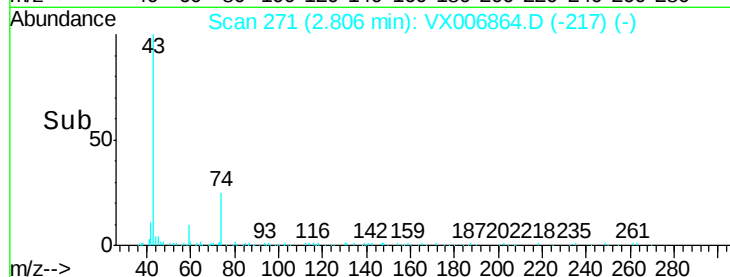
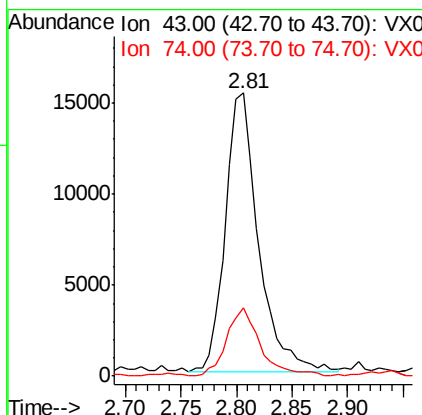
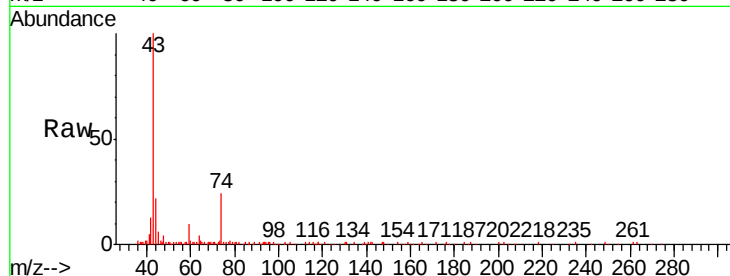




#18
Methyl Acetate
Concen: 3.712 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.03 min
Lab File: VX006864.D
Acq: 28 Dec 2018 16:33

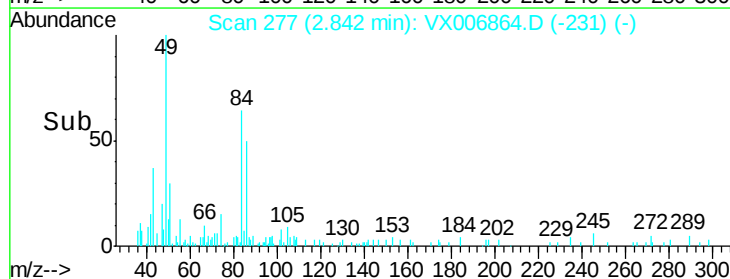
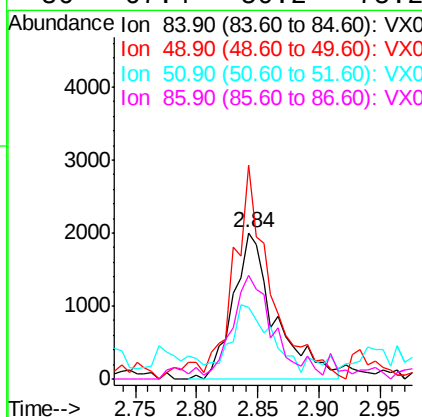
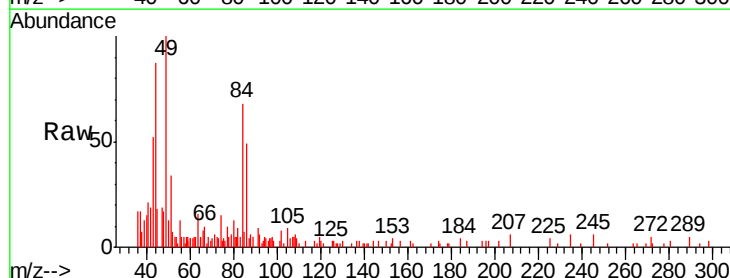
Instrument :
MSVOA_X
ClientSampleId :
P001-SS025-1218-01ME

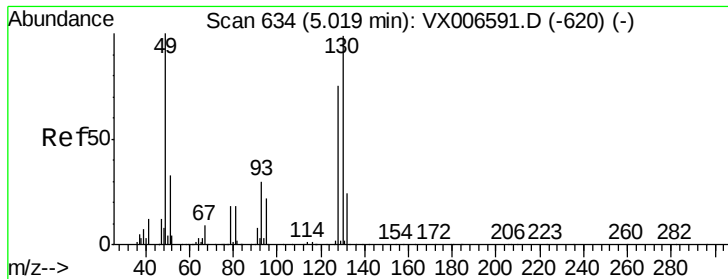
Tgt Ion: 43 Resp: 31707
Ion Ratio Lower Upper
43 100
74 24.7 18.6 28.0



#20
Methylene Chloride
Concen: 0.790 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006864.D
Acq: 28 Dec 2018 16:33

Tgt Ion: 84 Resp: 4747
Ion Ratio Lower Upper
84 100
49 143.2 91.8 137.6#
51 42.4 28.5 42.7
86 67.4 50.2 75.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

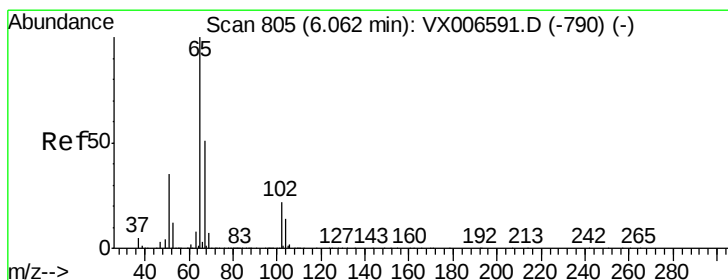
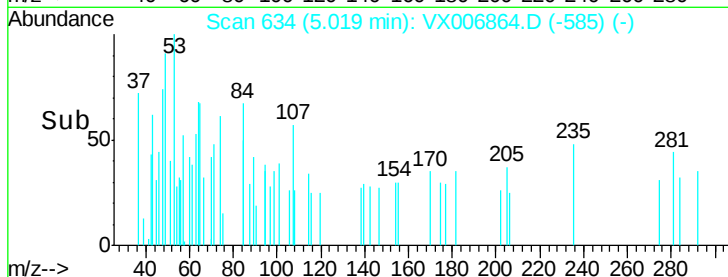
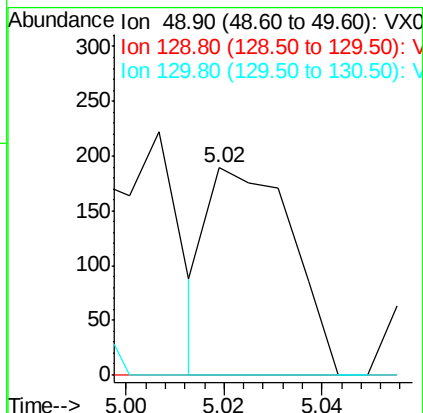
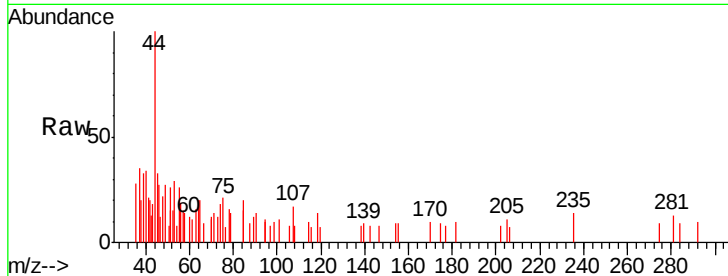
Delta R.T. -0.00 min

Lab File: VX006864.D

Acq: 28 Dec 2018 16:33

Instrument :
MSVOA_X
ClientSampleId :
P001-SS025-1218-01ME

Tgt Ion: 49 Resp: 227
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 0.0 77.7 116.5#



#33

1,2-Dichloroethane-d4

Concen: 45.982 ug/l

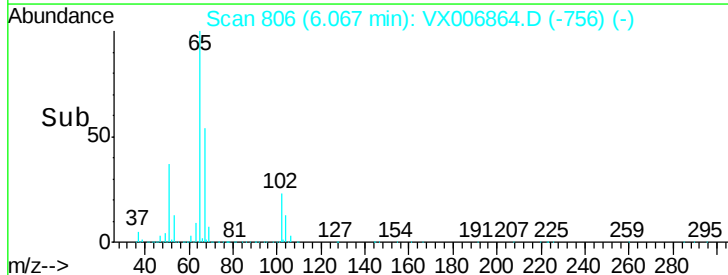
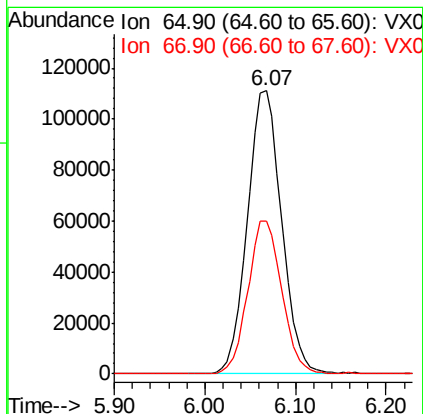
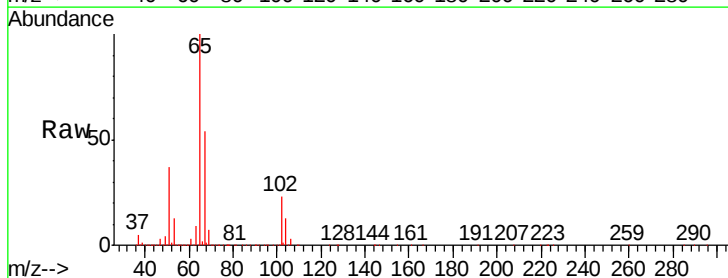
RT: 6.07 min Scan# 806

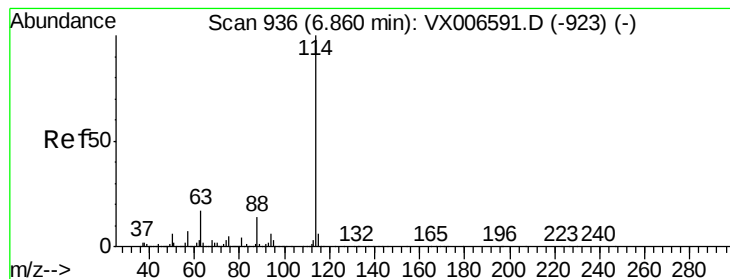
Delta R.T. 0.01 min

Lab File: VX006864.D

Acq: 28 Dec 2018 16:33

Tgt Ion: 65 Resp: 290762
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006864.D

Acq: 28 Dec 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

P001-SS025-1218-01ME

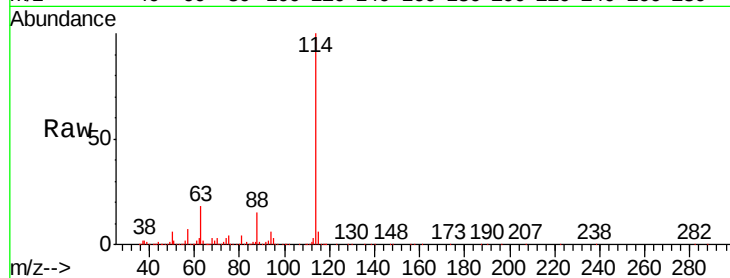
Tgt Ion:114 Resp: 871681

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

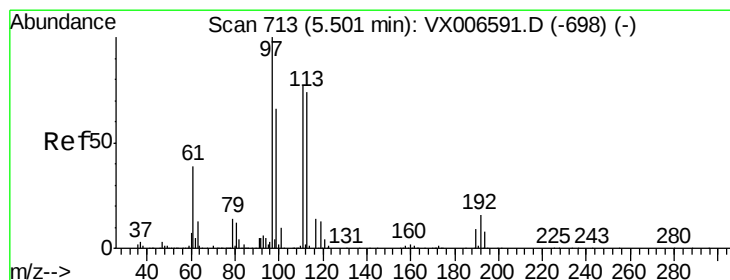
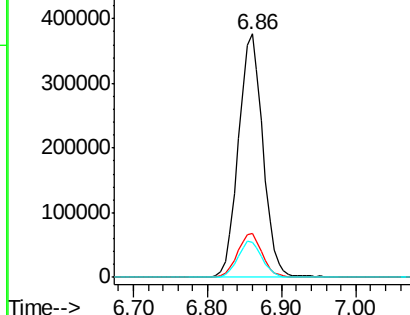
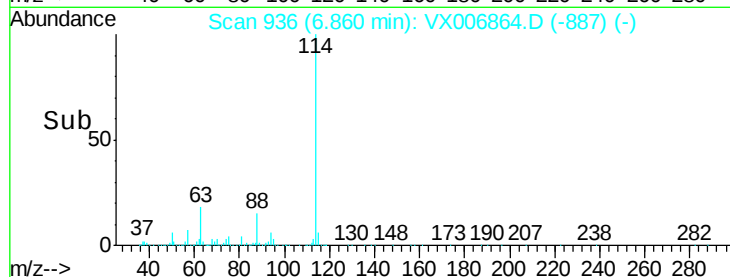
88 14.6 0.0 28.8



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: 43.672 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006864.D

Acq: 28 Dec 2018 16:33

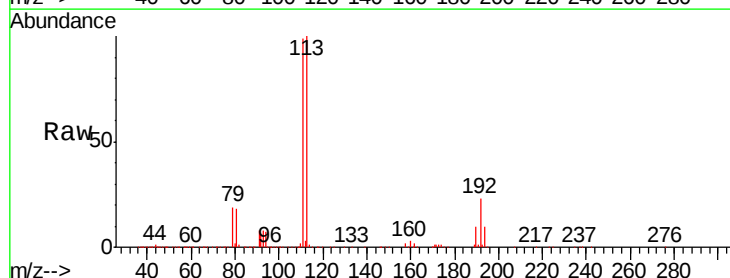
Tgt Ion:113 Resp: 240733

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

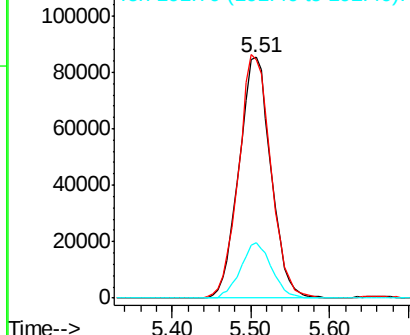
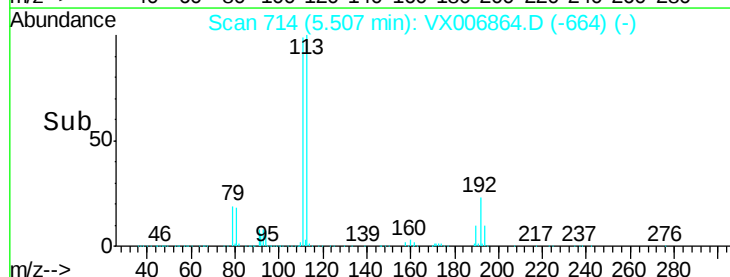
192 22.4 16.7 25.1

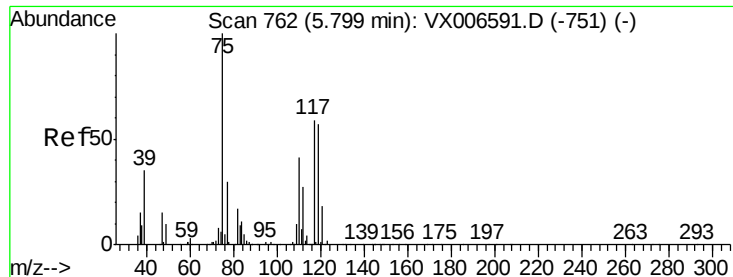


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

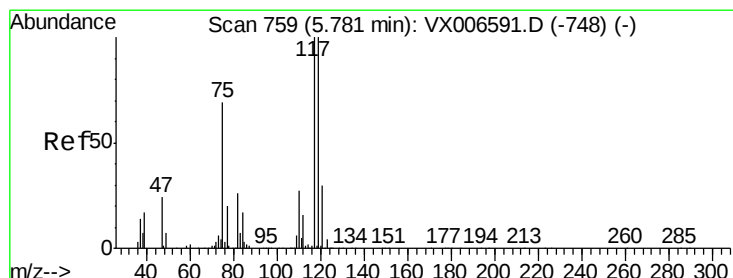
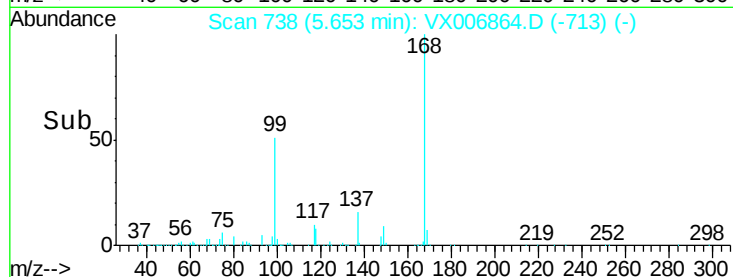
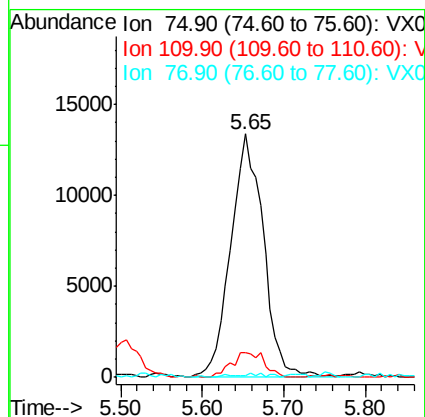
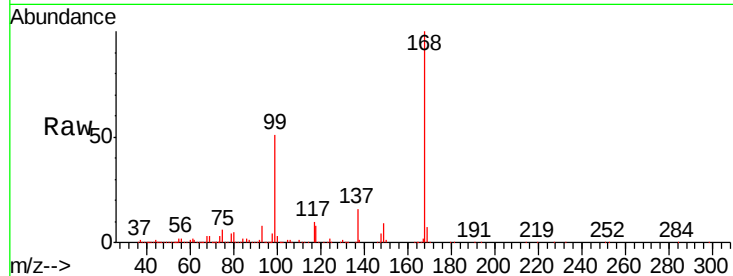




#36
 1,1-Dichloropropene
 Concen: 5.154 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX006864.D
 Acq: 28 Dec 2018 16:33

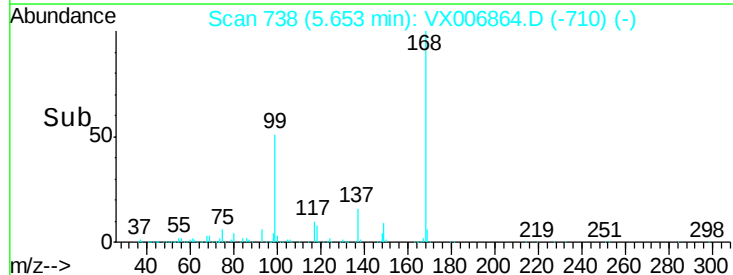
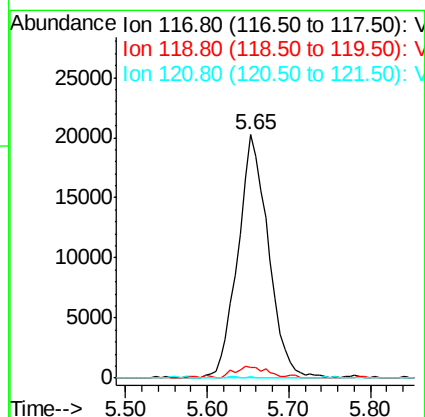
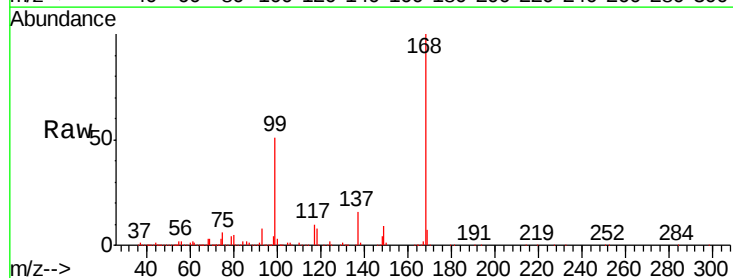
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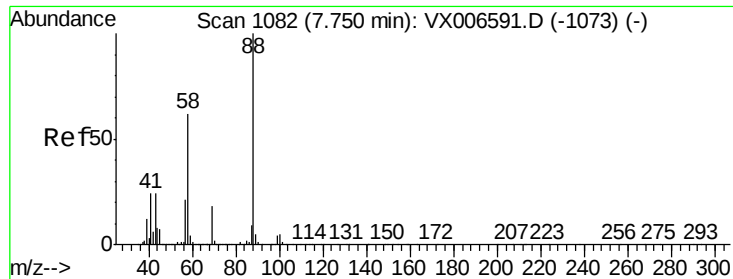
Tgt Ion: 75 Resp: 37212
 Ion Ratio Lower Upper
 75 100
 110 10.3 20.2 60.5#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.483 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX006864.D
 Acq: 28 Dec 2018 16:33

Tgt Ion: 117 Resp: 52500
 Ion Ratio Lower Upper
 117 100
 119 4.5 79.4 119.2#
 121 0.8 24.0 36.0#

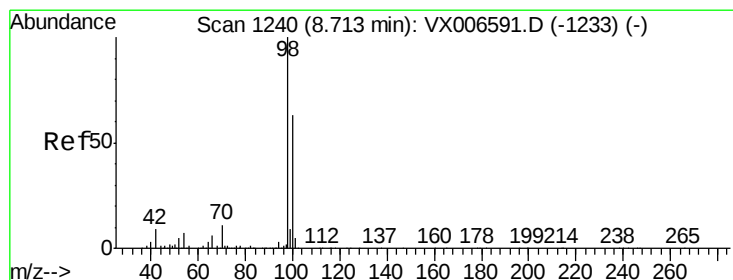
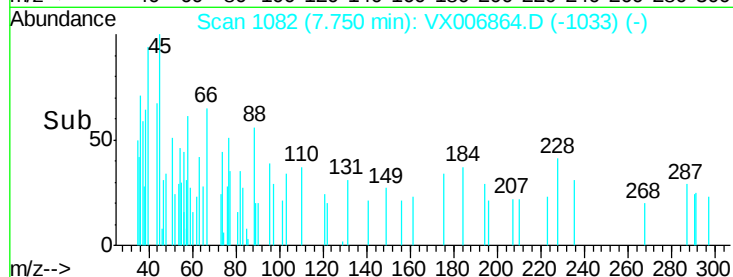
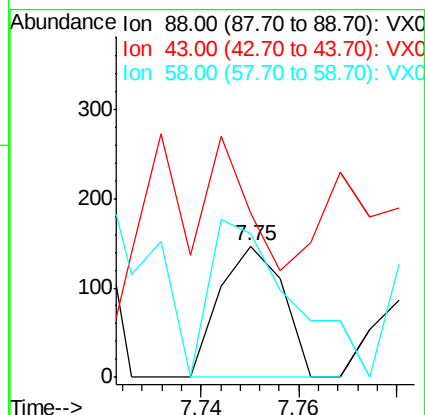
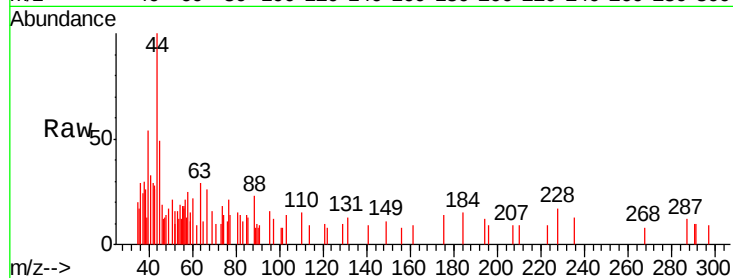




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006864.D
Acq: 28 Dec 2018 16:33

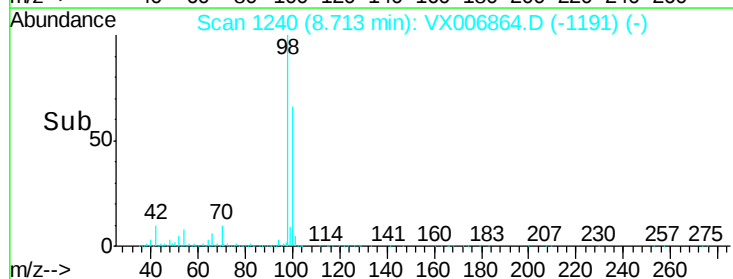
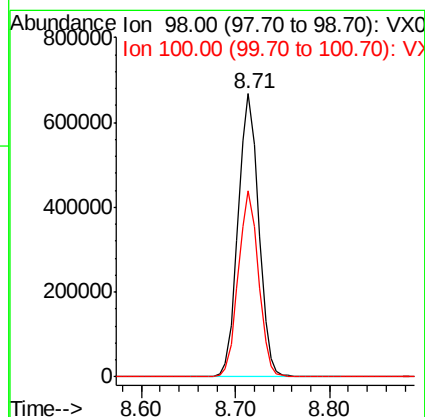
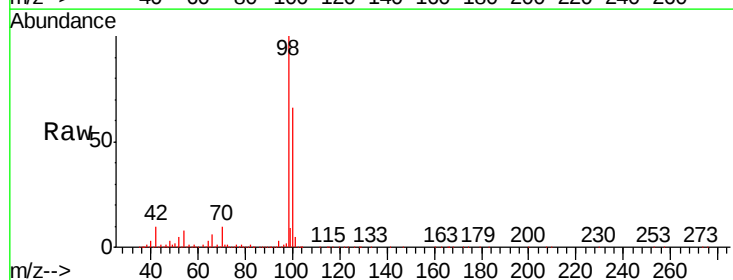
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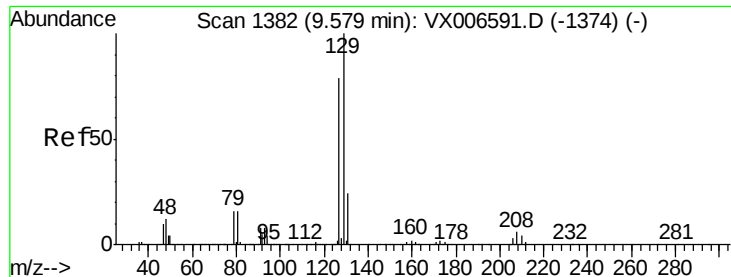
Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 151.5 22.2 33.4#
58 156.1 51.0 76.4#



#50
Toluene-d8
Concen: 49.178 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006864.D
Acq: 28 Dec 2018 16:33

Tgt Ion: 98 Resp: 1022013
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#60

Dibromochloromethane

Concen: 2.331 ug/l

RT: 9.60 min Scan# 1386

Delta R.T. 0.02 min

Lab File: VX006864.D

Acq: 28 Dec 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

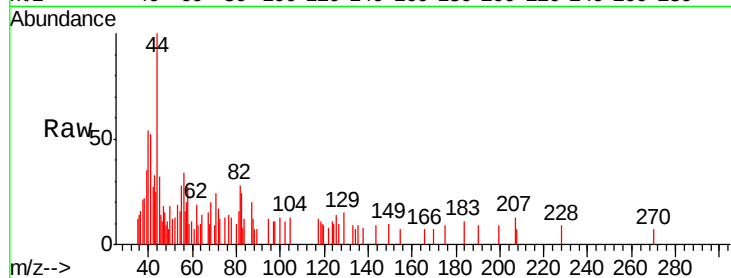
P001-SS025-1218-01ME

Tgt Ion:129 Resp: 44

Ion Ratio Lower Upper

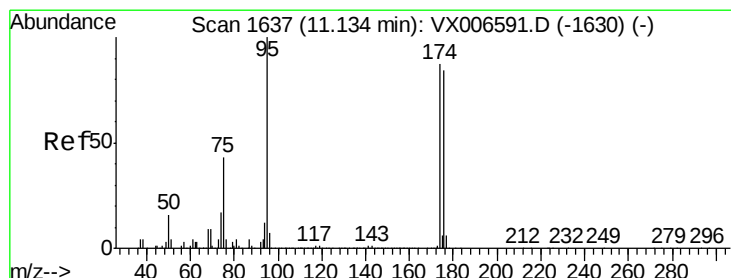
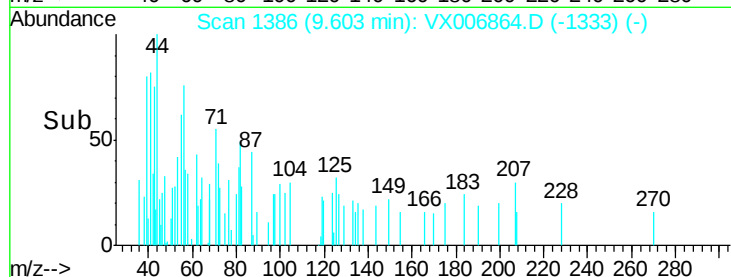
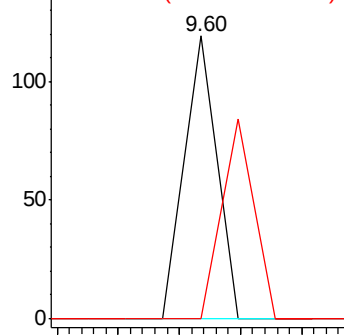
129 100

127 70.5 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 49.731 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006864.D

Acq: 28 Dec 2018 16:33

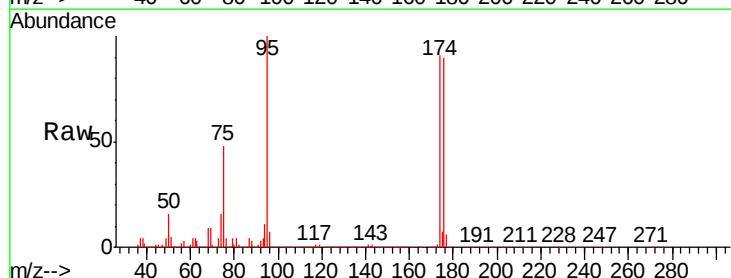
Tgt Ion: 95 Resp: 378508

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

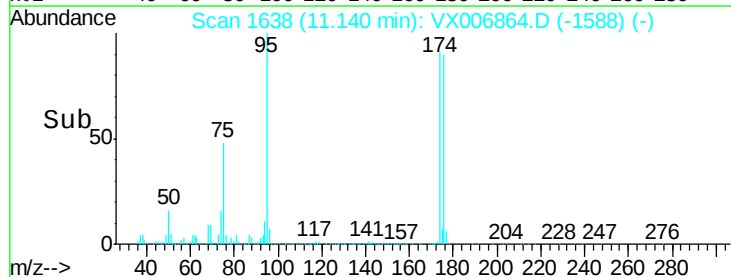
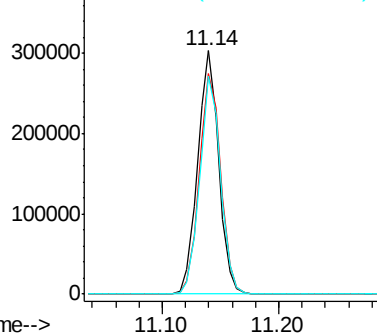
176 89.5 0.0 178.8

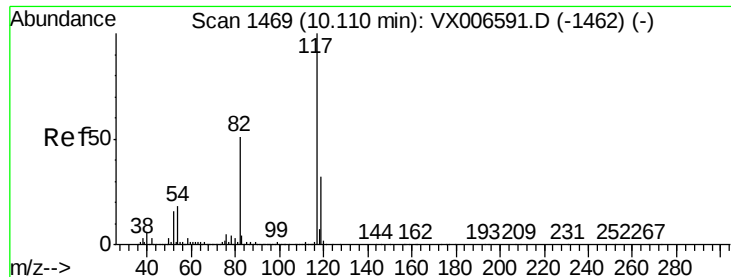


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

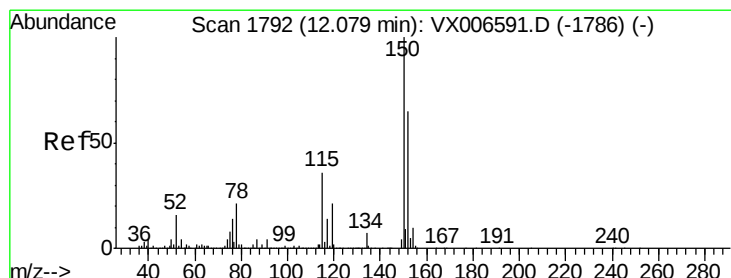
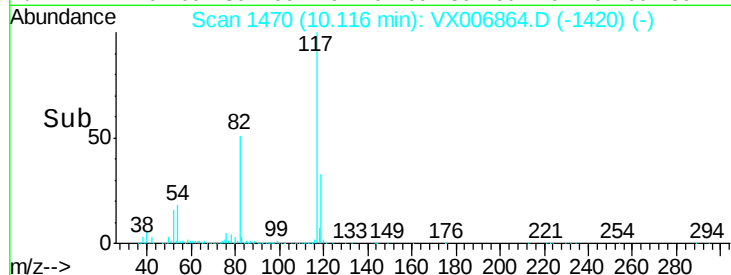
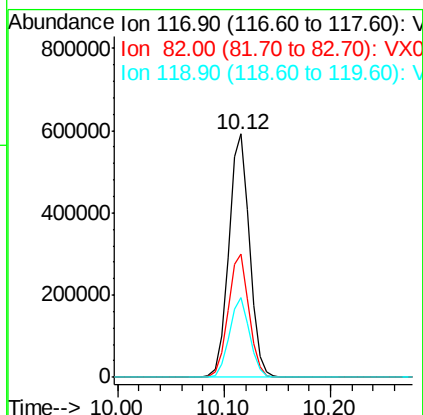
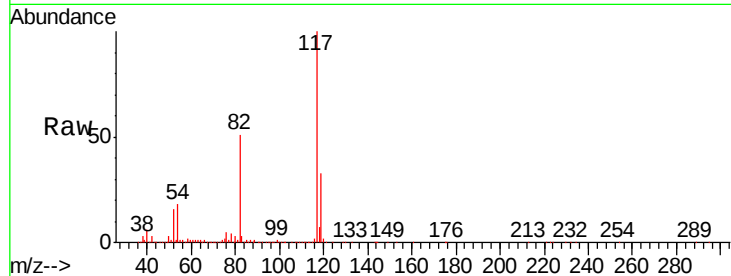




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006864.D
Acq: 28 Dec 2018 16:33

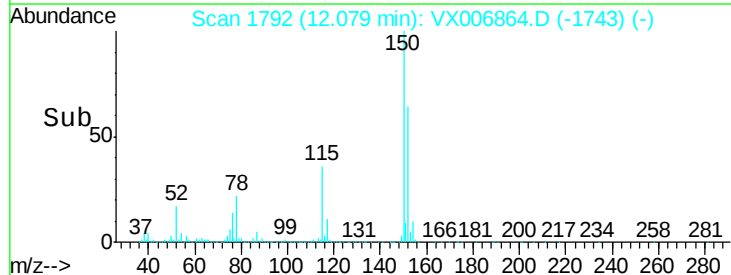
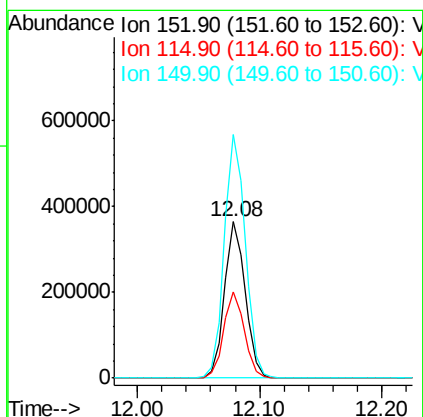
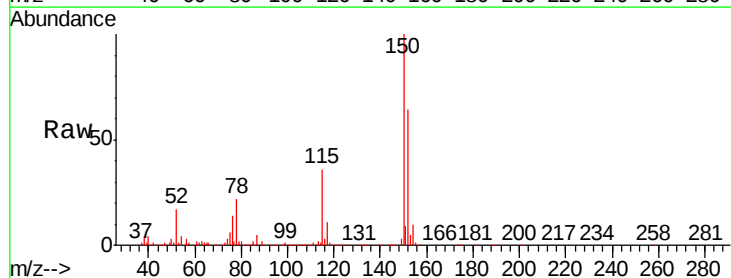
Instrument :
MSVOA_X
ClientSampleId :
P001-SS025-1218-01ME

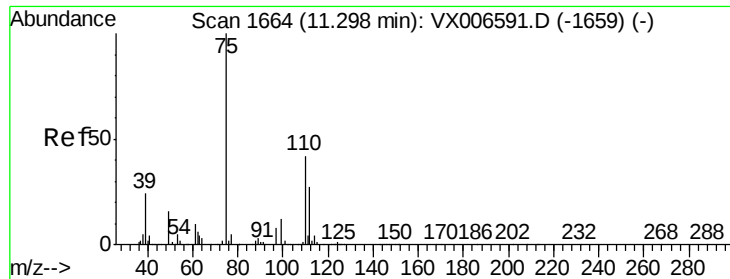
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.0	61.6
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006864.D
Acq: 28 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.2
150	158.0	0.0	344.8

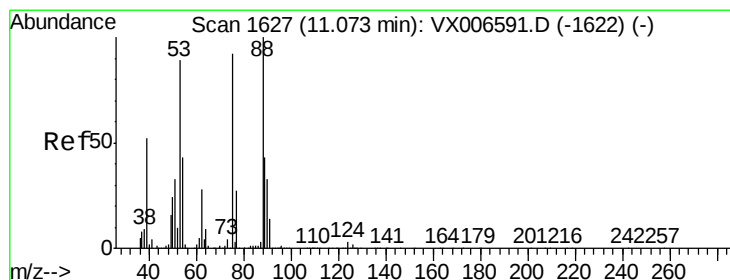
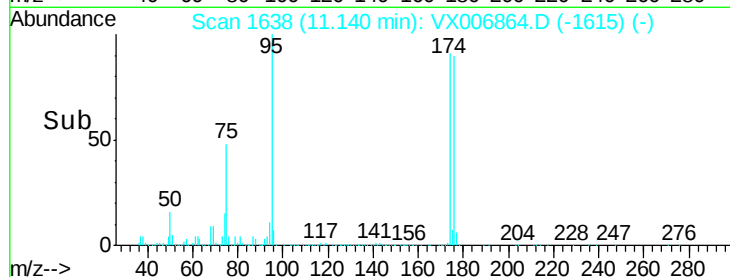
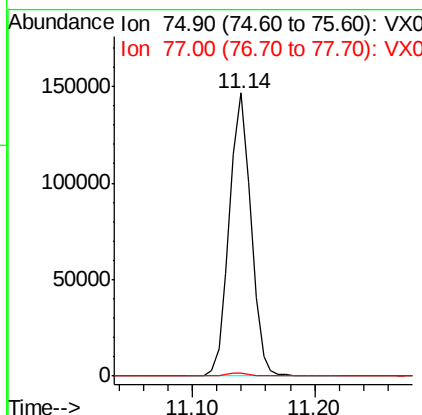
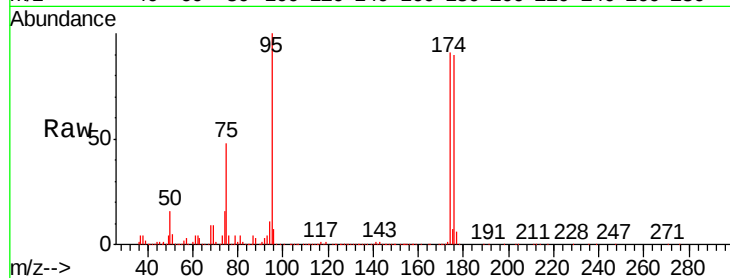




#76
 1,2,3-Trichloropropane
 Concen: 22.503 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006864.D
 Acq: 28 Dec 2018 16:33

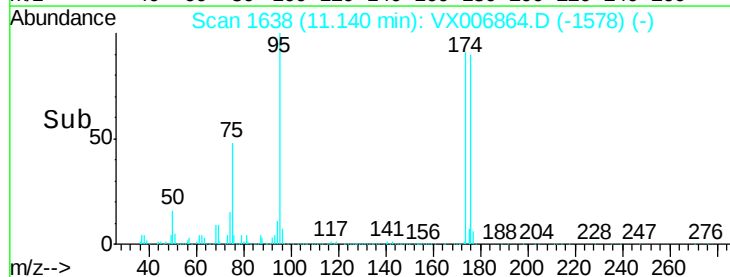
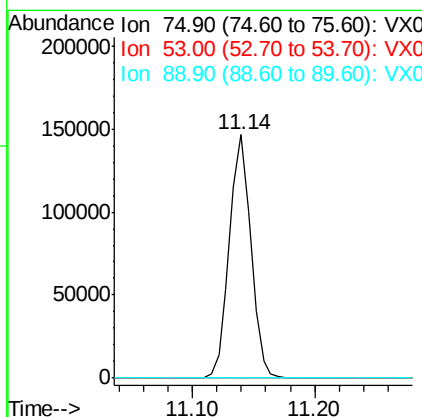
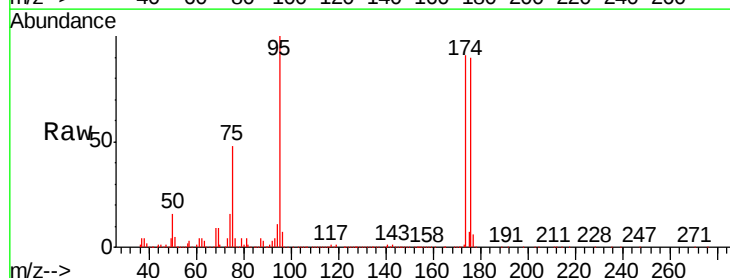
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS025-1218-01ME

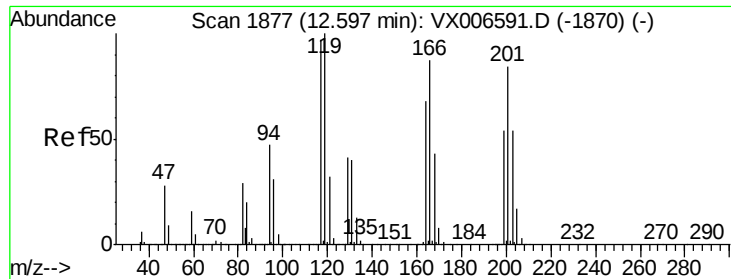
Tgt Ion: 75 Resp: 179089
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.5 55.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.919 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX006864.D
 Acq: 28 Dec 2018 16:33

Tgt Ion: 75 Resp: 179089
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.7 119.5#
 89 0.0 38.0 57.0#





#90

Hexachloroethane

Concen: 3.298 ug/l

RT: 12.57 min Scan# 1873

Delta R.T. -0.02 min

Lab File: VX006864.D

Acq: 28 Dec 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

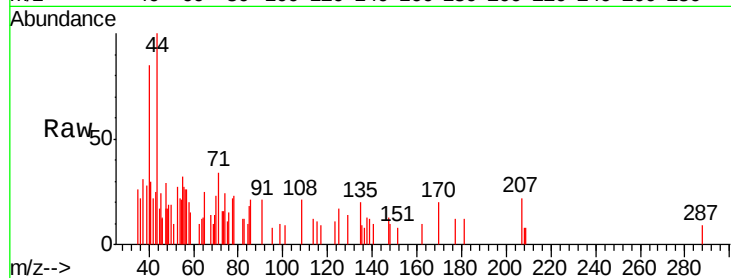
P001-SS025-1218-01ME

Tgt Ion:117 Resp: 22

Ion Ratio Lower Upper

117 100

201 90.9 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

