

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030118\
 Data File : VX000183.D
 Acq On : 01 Mar 2018 14:31
 Operator : JC/MD
 Sample : J1762-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 2AVE-10

Quant Time: Mar 02 03:58:42 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	21215	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	128783	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	121883	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.08	65	53646	32.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.90%
60) 4-Bromofluorobenzene	11.15	95	57470	28.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.07%
63) Toluene-d8	8.73	98	155529	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

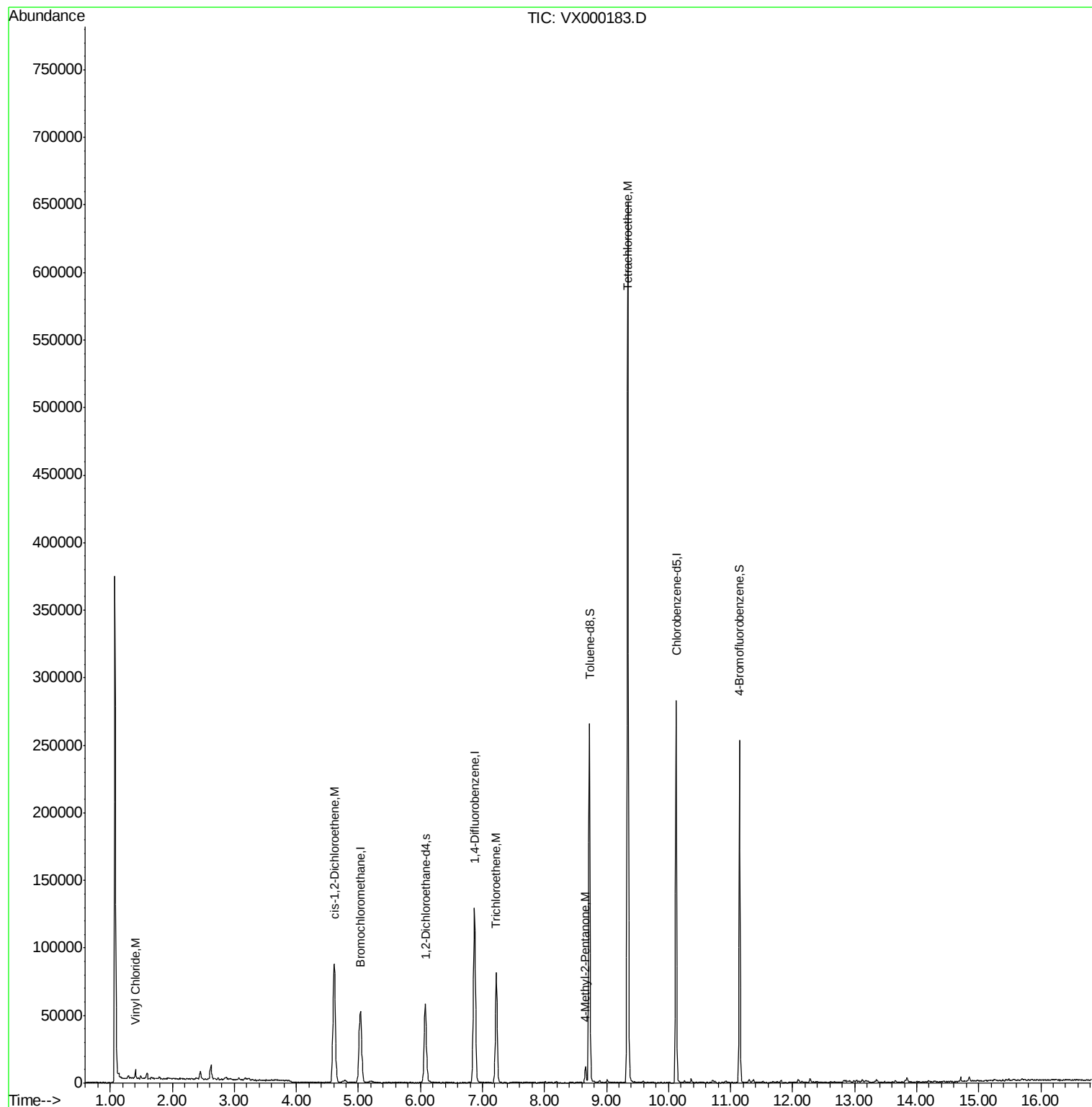
Target Compounds						Ovalue
4) Vinyl Chloride	1.40	62	3269	2.08	ug/l	89
22) cis-1,2-Dichloroethene	4.61	96	54935	38.34	ug/l	90
37) Trichloroethene	7.22	130	28260	17.72	ug/l	91
58) 4-Methyl-2-Pentanone	8.66	43	7218	2.70	ug/l	97
61) Tetrachloroethene	9.34	164	112025	75.70	ug/l	98

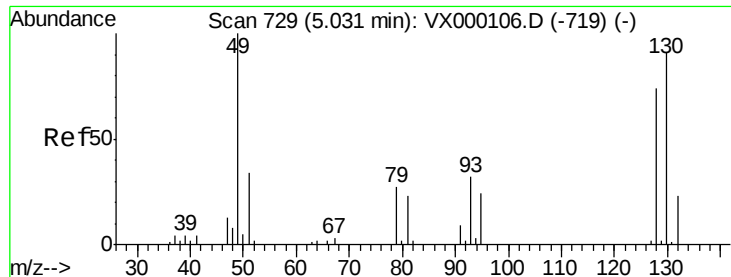
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000183.D

Acq: 01 Mar 2018 14:31

Instrument :
ClientSampled :
2AVE-10

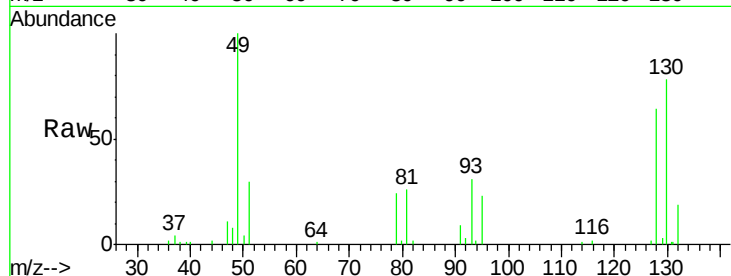
Tot Ion:128 Resp: 21215

Ion Ratio Lower Upper

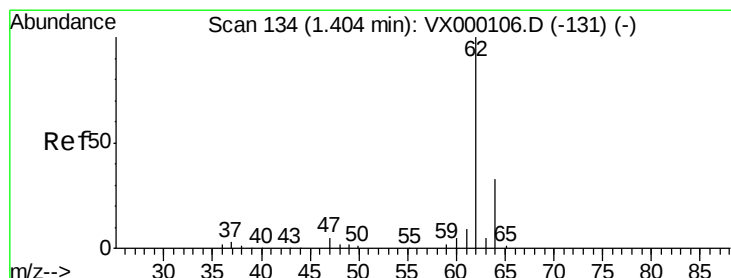
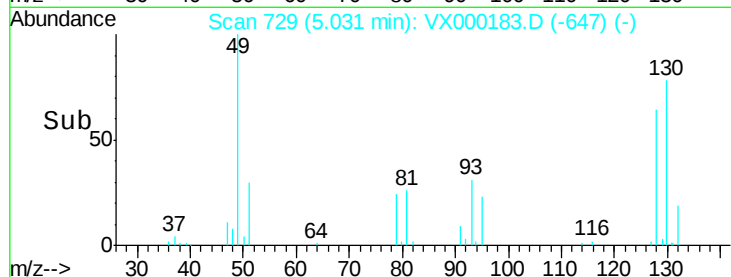
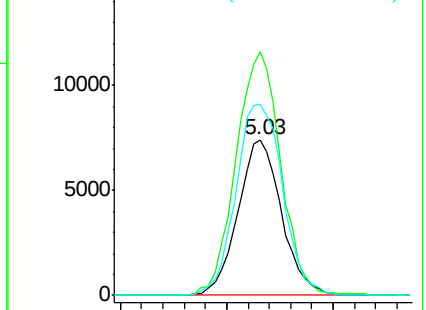
128 100

49 160.3 0.0 378.3

130 132.1 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#4

Vinyl Chloride

Concen: 2.08 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000183.D

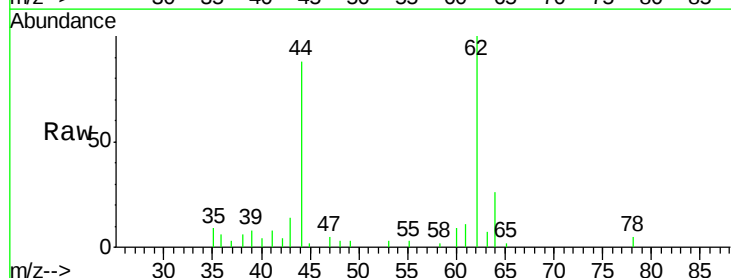
Acq: 01 Mar 2018 14:31

Tgt Ion: 62 Resp: 3269

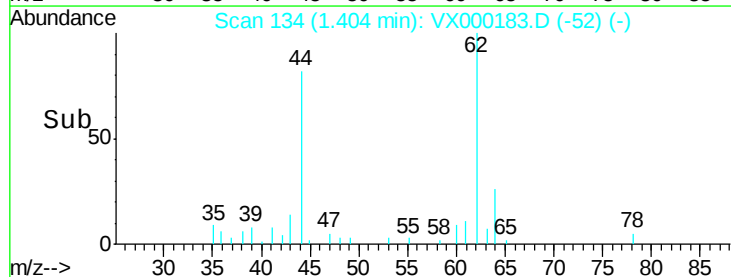
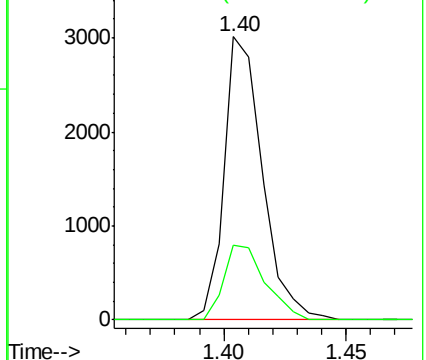
Ion Ratio Lower Upper

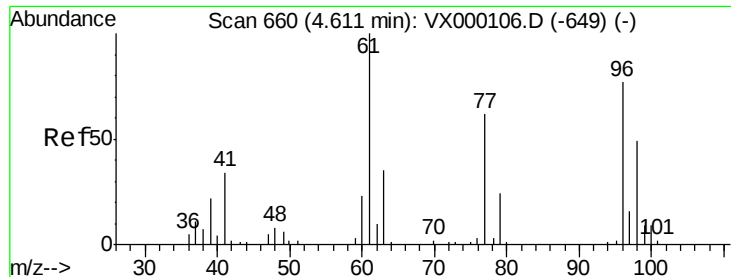
62 100

64 26.3 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 64.00 (63.70 to 64.70): VX0



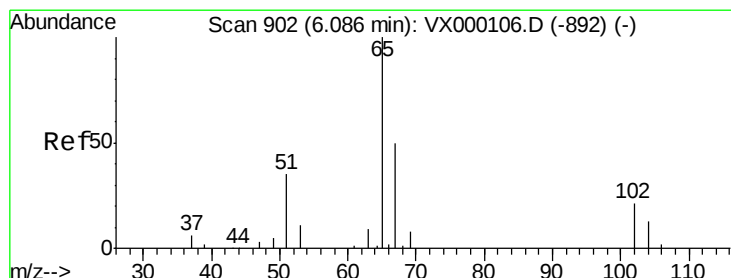
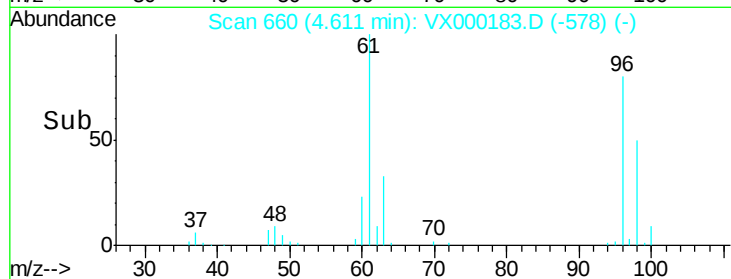
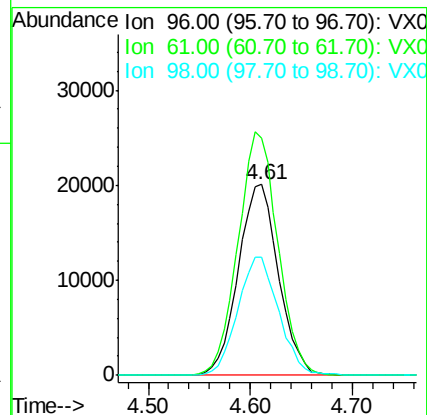
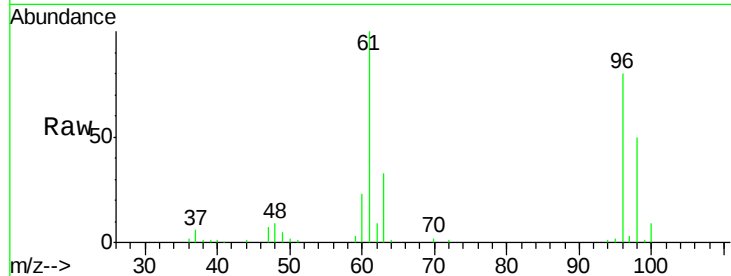


#22

cis-1,2-Dichloroethene
Concen: 38.34 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000183.D
Acq: 01 Mar 2018 14:31

Instrument :
ClientSampled :
2AVE-10

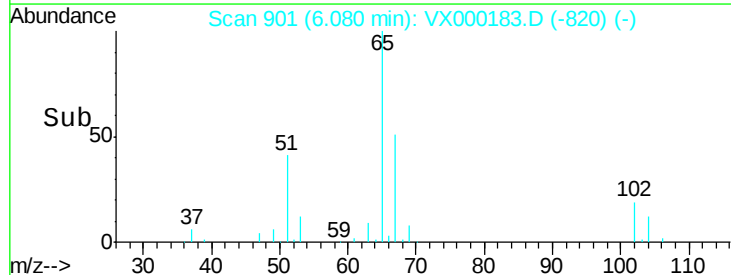
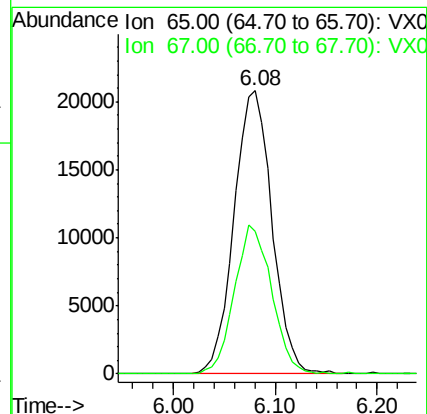
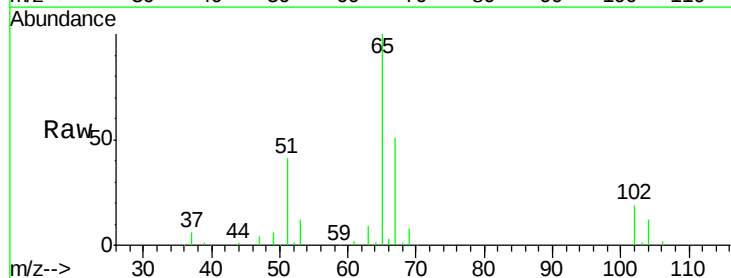
Tot Ion: 96 Resp: 54935
Ion Ratio Lower Upper
96 100
61 126.3 113.5 170.3
98 62.8 51.8 77.8

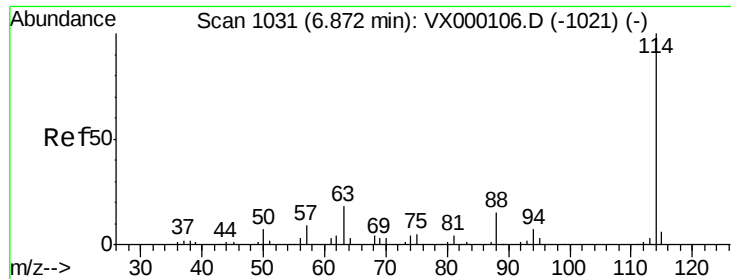


#27

1,2-Dichloroethane-d4
Concen: 32.67 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.01 min
Lab File: VX000183.D
Acq: 01 Mar 2018 14:31

Tgt Ion: 65 Resp: 53646
Ion Ratio Lower Upper
65 100
67 51.6 41.4 62.2

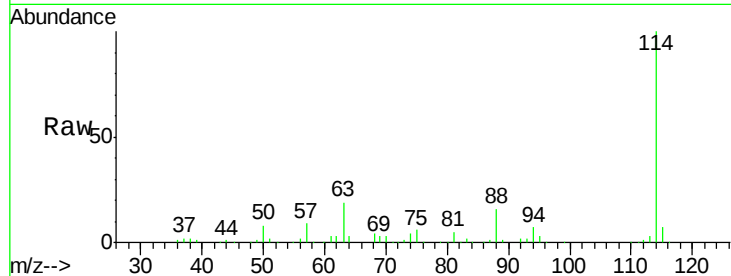




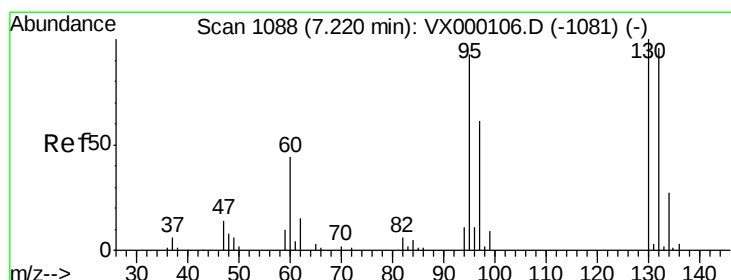
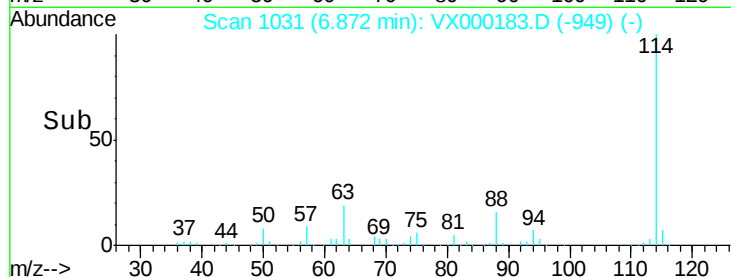
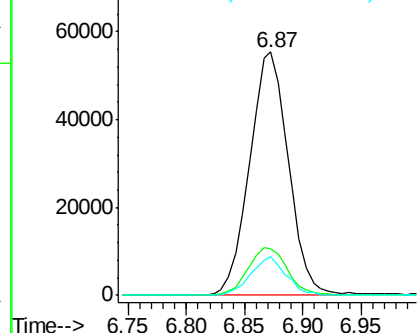
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000183.D
Acq: 01 Mar 2018 14:31

Instrument :
ClientSampled :
2AVE-10

Tot Ion:114 Resp: 128783
Ion Ratio Lower Upper
114 100
63 20.1 15.0 22.4
88 14.5 11.8 17.8

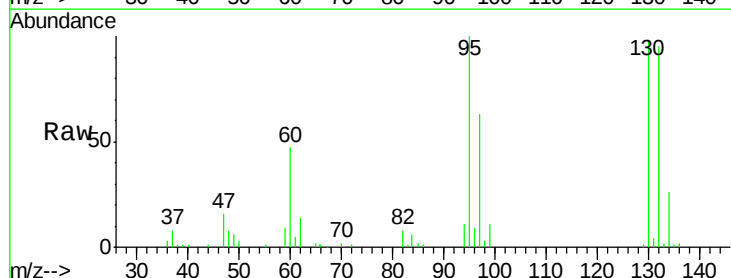


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 88.00 (87.70 to 88.70): VX0

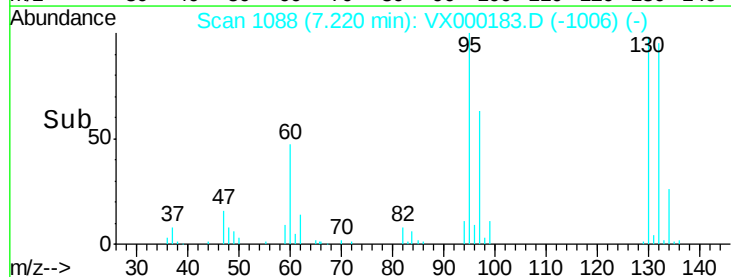
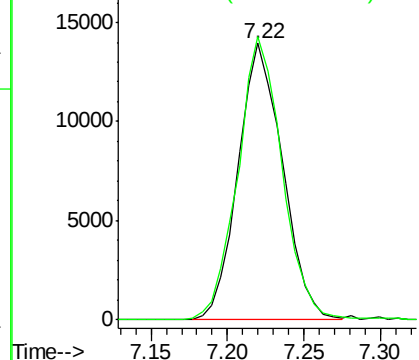


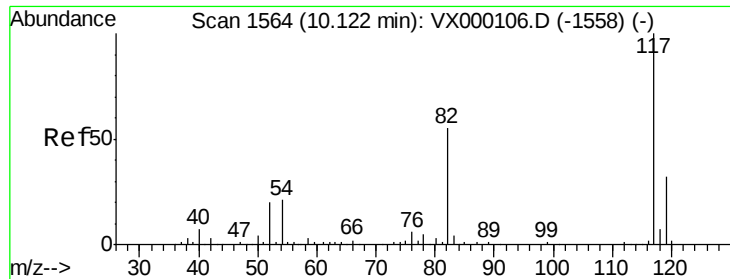
#37
Trichloroethene
Concen: 17.72 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX000183.D
Acq: 01 Mar 2018 14:31

Tgt Ion:130 Resp: 28260
Ion Ratio Lower Upper
130 100
95 101.9 74.6 112.0



Abundance Ion 129.90 (129.60 to 130.60): V
Ion 94.90 (94.60 to 95.60): VX0

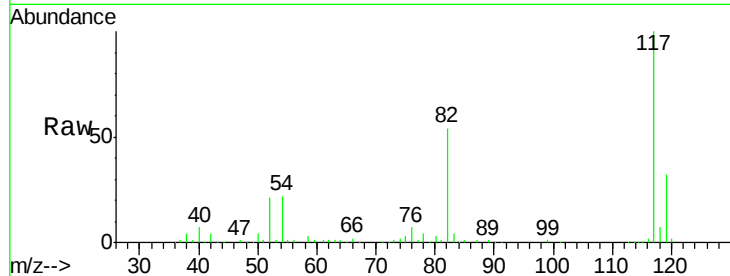




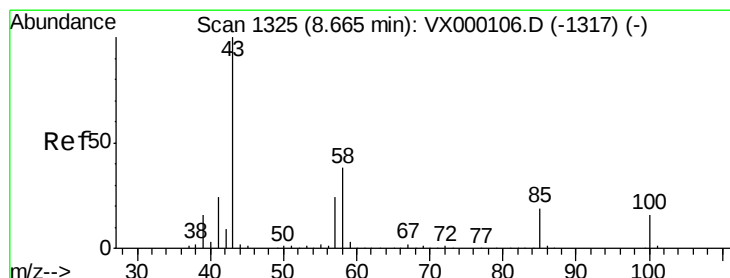
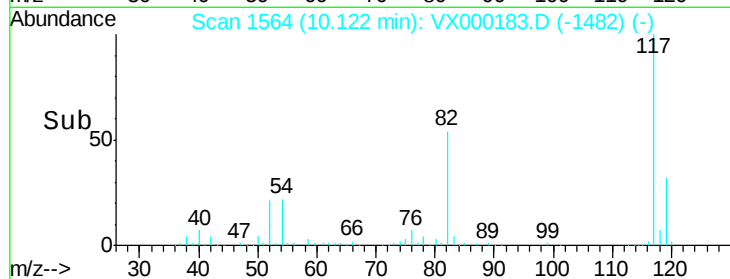
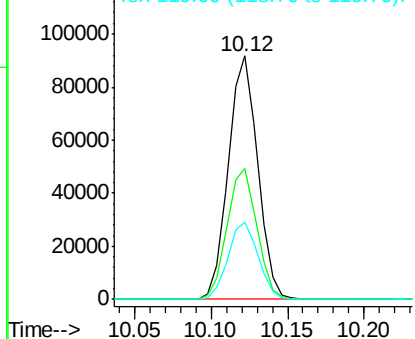
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000183.D
Acq: 01 Mar 2018 14:31

Instrument :
ClientSampled :
2AVE-10

Tot Ion:117 Resp: 121883
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.6 25.8 38.8

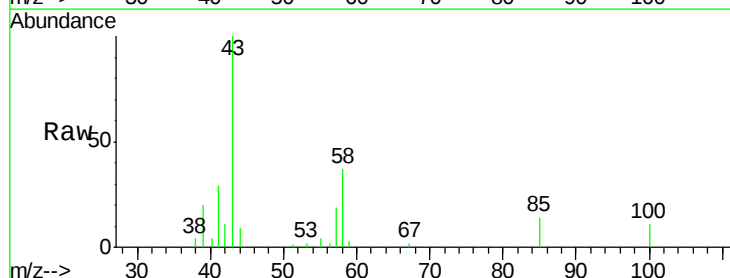


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

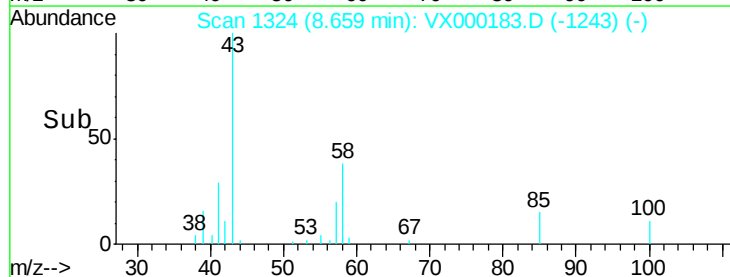
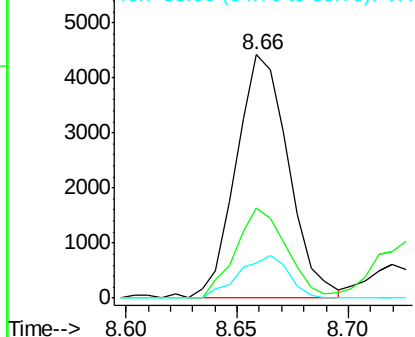


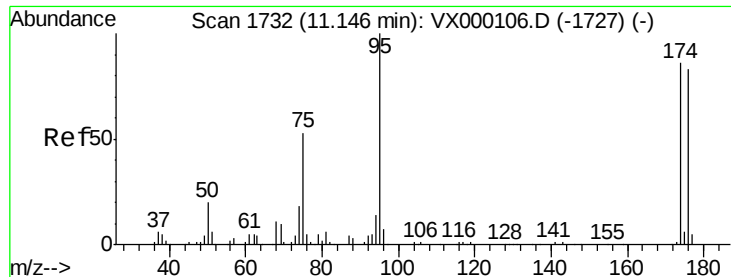
#58
4-Methyl-2-Pentanone
Concen: 2.70 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000183.D
Acq: 01 Mar 2018 14:31

Tgt Ion: 43 Resp: 7218
Ion Ratio Lower Upper
43 100
58 35.8 29.8 44.8
85 16.6 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

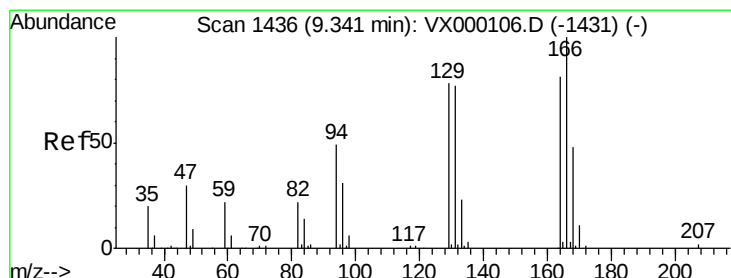
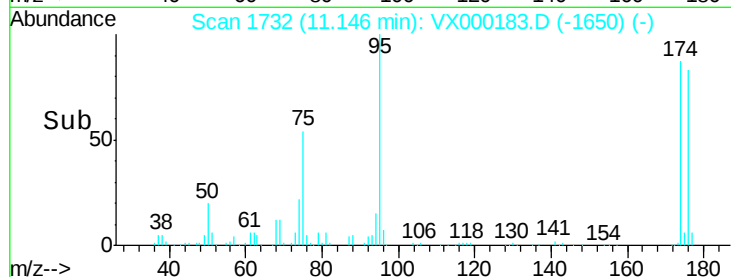
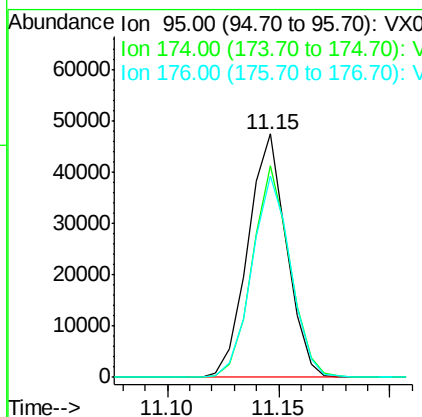
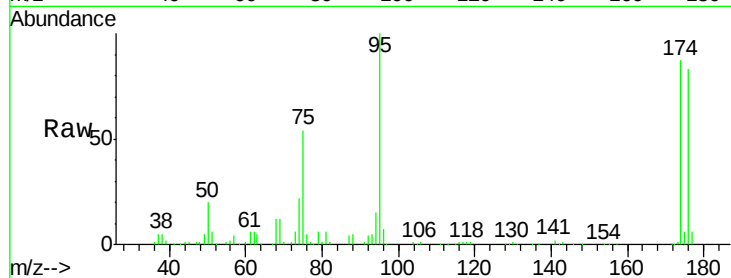




#60
4-Bromofluorobenzene
Concen: 28.82 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000183.D
Acq: 01 Mar 2018 14:31

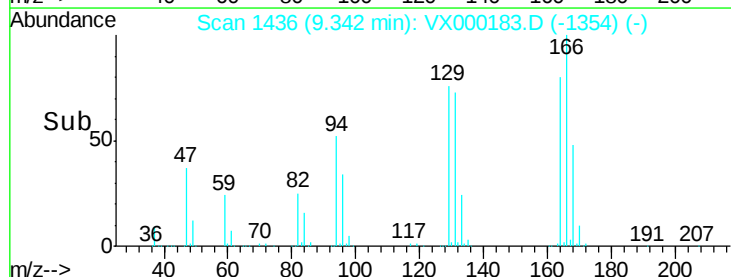
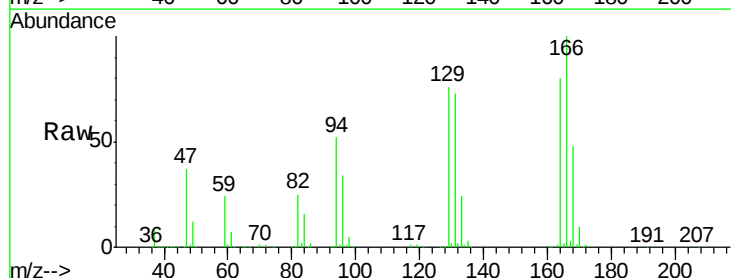
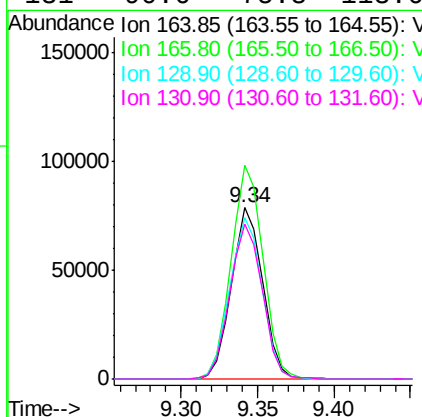
Instrument :
ClientSampled :
2AVE-10

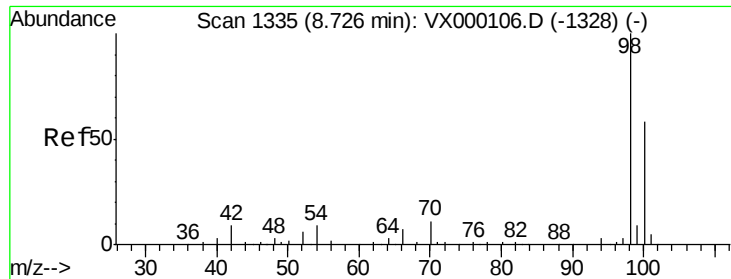
Tot Ion: 95 Resp: 57470
Ion Ratio Lower Upper
95 100
174 84.2 71.1 106.7
176 82.7 69.3 103.9



#61
Tetrachloroethene
Concen: 75.70 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000183.D
Acq: 01 Mar 2018 14:31

Tgt Ion: 164 Resp: 112025
Ion Ratio Lower Upper
164 100
166 124.8 99.0 148.4
129 94.5 77.0 115.6
131 90.6 75.8 113.6





#63

Toluene-d8

Concen: 29.79 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000183.D

Acq: 01 Mar 2018 14:31

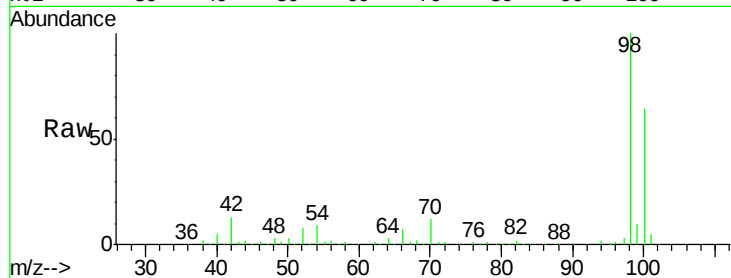
Instrument :
ClientSampleId :
2AVE-10

Tot Ion: 98 Resp: 155529

Ion Ratio Lower Upper

98 100

100 63.7 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V%

