

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010003.D
 Acq On : 31 May 2019 23:24
 Operator : JC/SP
 Sample : K3128-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0659DL

Quant Time: Jun 01 06:32:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

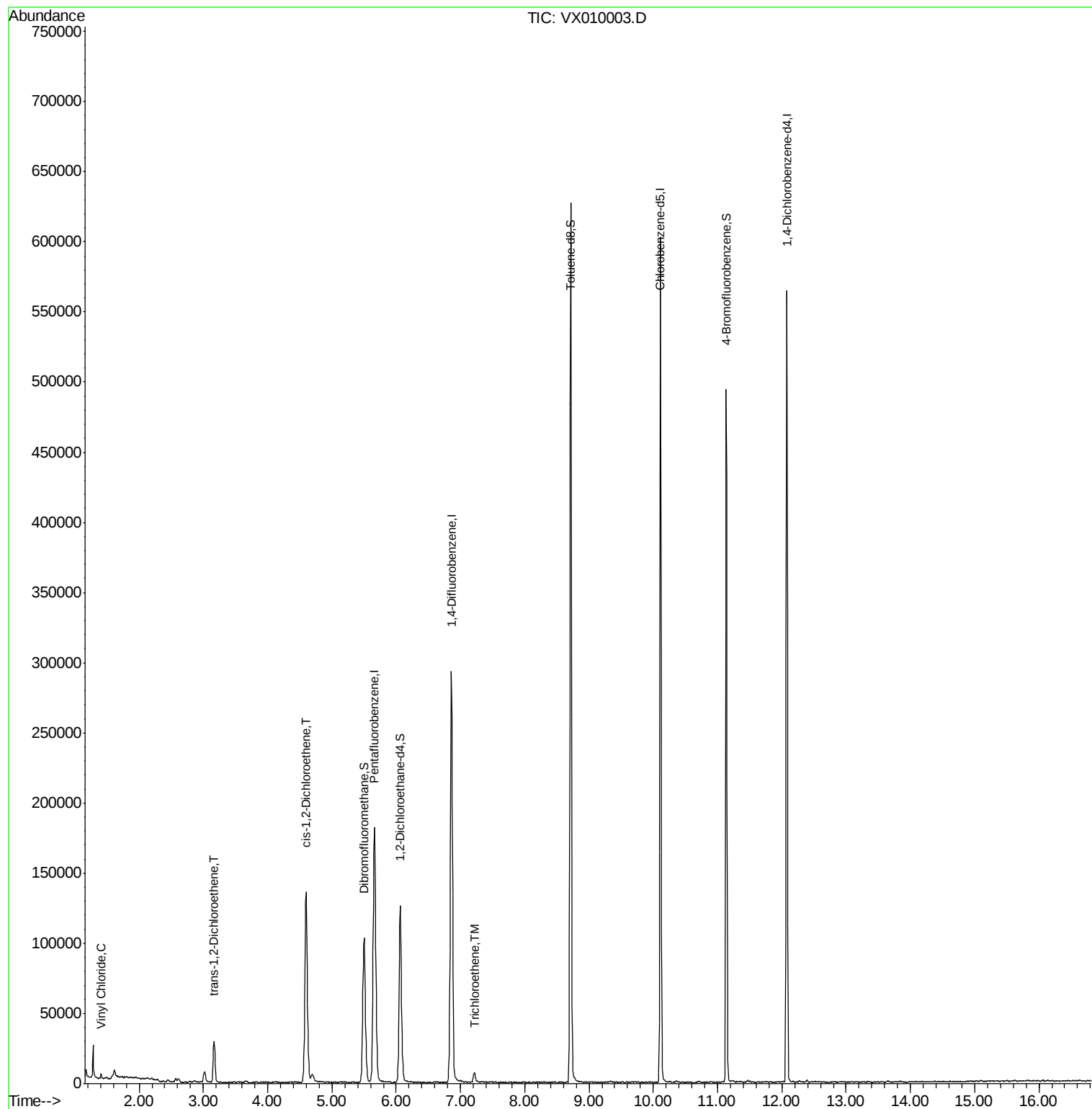
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117786	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
35) Dibromofluoromethane	5.50	113	87463	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	363053	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	124323	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2437	0.916	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	11635	5.748	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	83305	35.655	ug/l	88
44) Trichloroethene	7.22	130	2717	1.298	ug/l	83

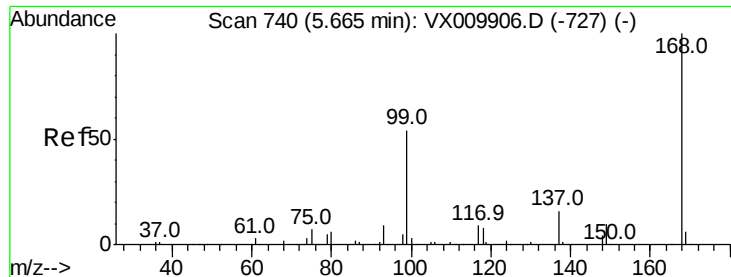
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010003.D

Acq: 31 May 2019 23:24

Instrument :

MSVOA_X

ClientSampleID :

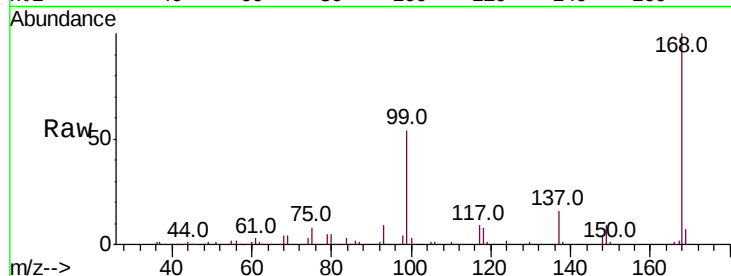
S32-0659DL

Tot Ion:168 Resp: 179623

Ion Ratio Lower Upper

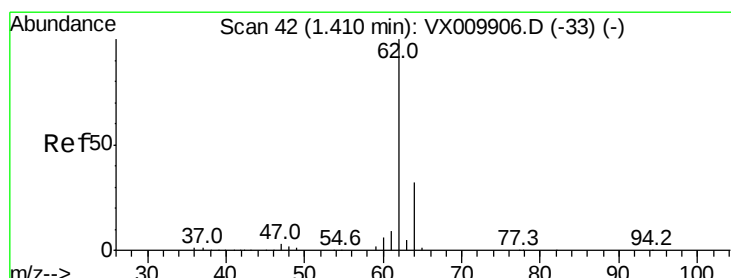
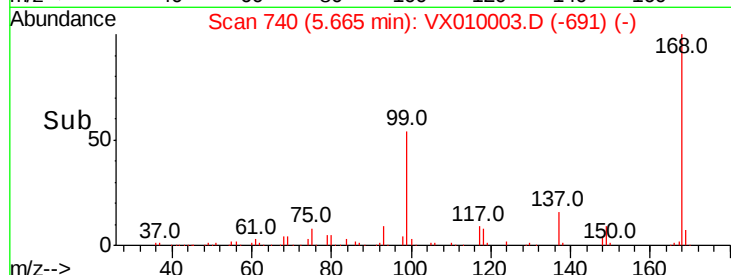
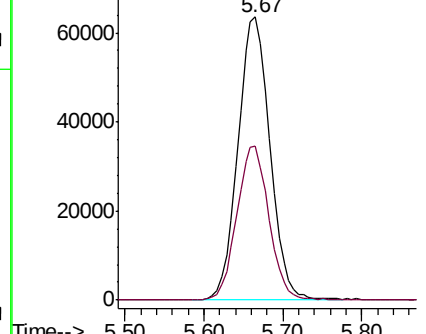
168 100

99 54.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.916 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010003.D

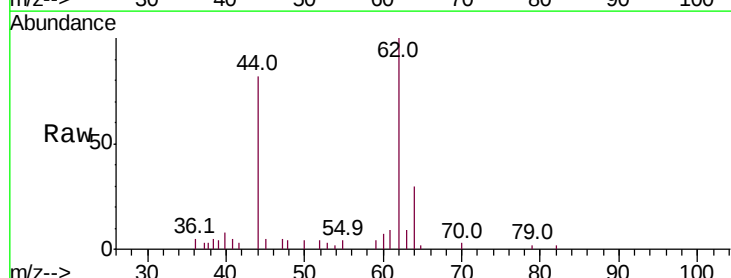
Acq: 31 May 2019 23:24

Tgt Ion: 62 Resp: 2437

Ion Ratio Lower Upper

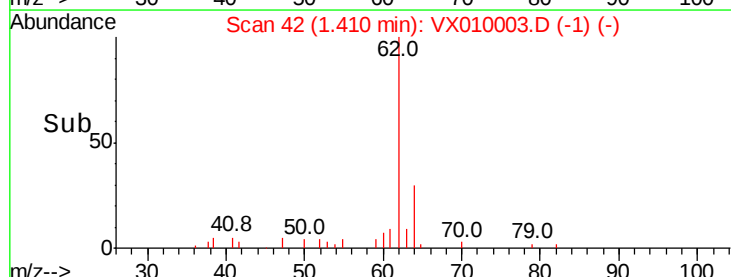
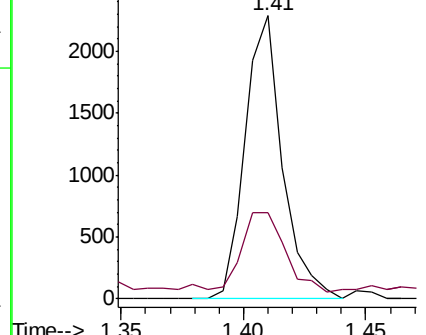
62 100

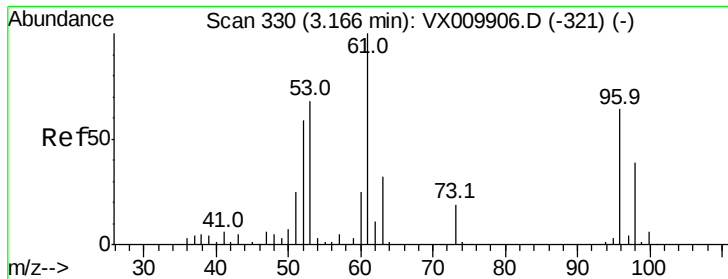
64 26.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 5.748 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX010003.D

Acq: 31 May 2019 23:24

Instrument :

MSVOA_X

ClientSampleId :

S32-0659DL

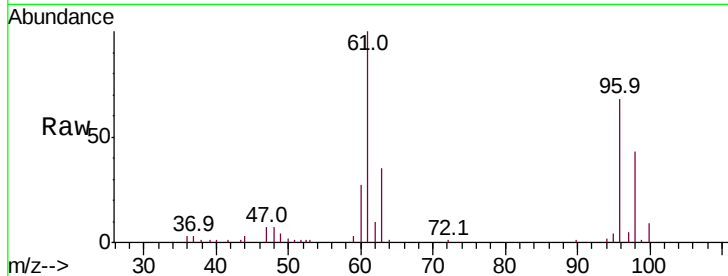
Tot Ion: 96 Resp: 11635

Ion Ratio Lower Upper

96 100

61 147.3 125.7 188.5

98 63.1 49.0 73.6

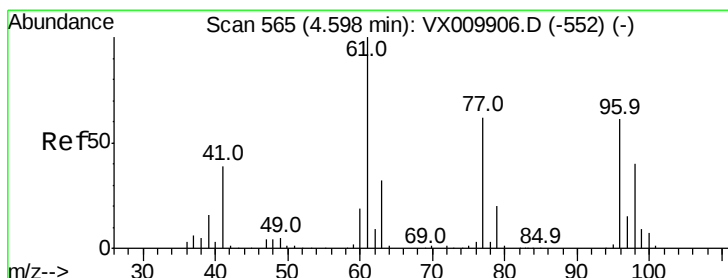
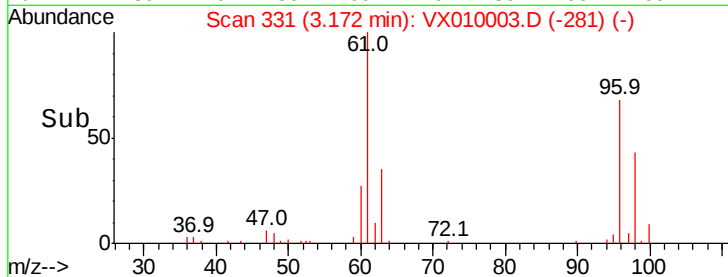
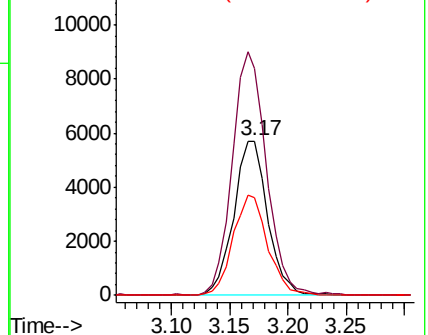


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 35.655 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010003.D

Acq: 31 May 2019 23:24

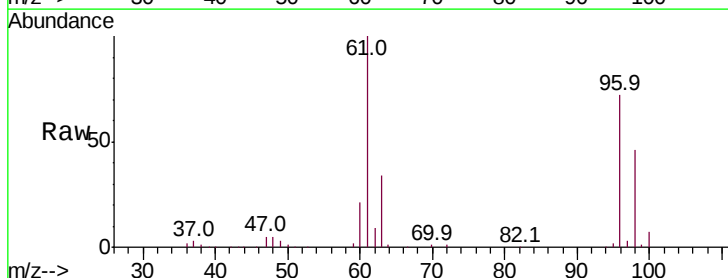
Tgt Ion: 96 Resp: 83305

Ion Ratio Lower Upper

96 100

61 145.0 0.0 334.0

98 64.9 0.0 131.6

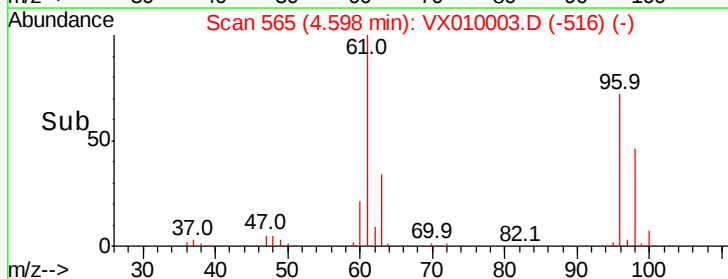
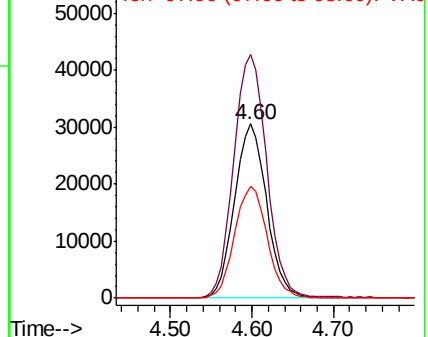


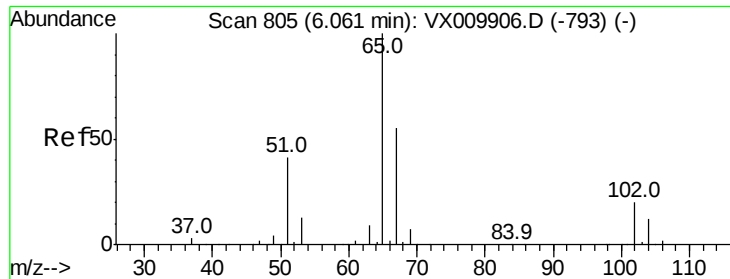
Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.421 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010003.D

Acq: 31 May 2019 23:24

Instrument :

MSVOA_X

ClientSampled :

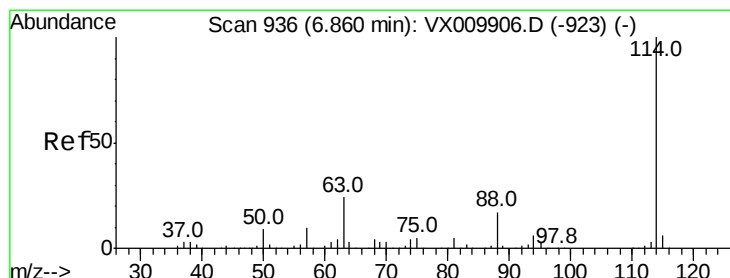
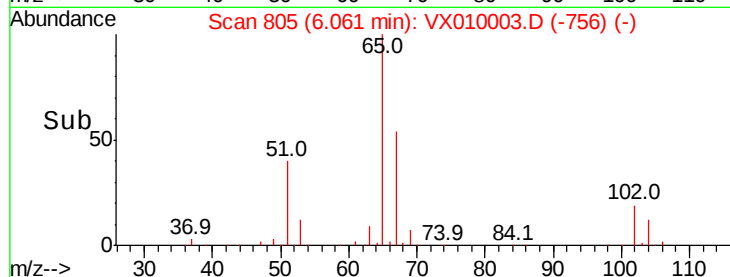
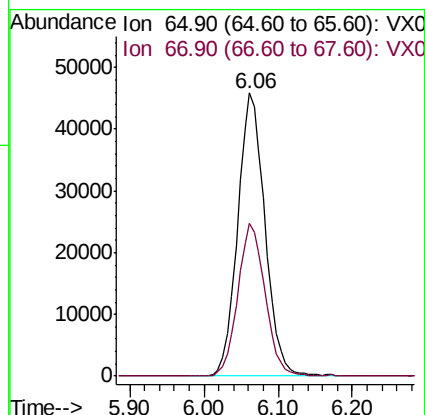
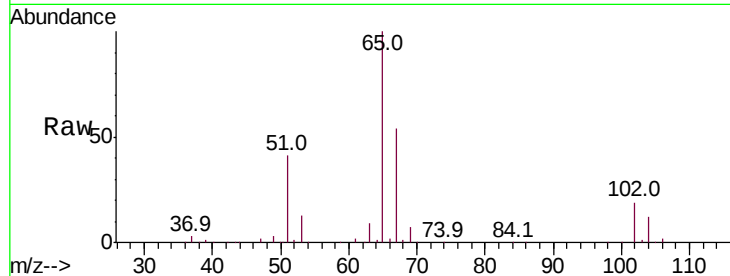
S32-0659DL

Tot Ion: 65 Resp: 117786

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010003.D

Acq: 31 May 2019 23:24

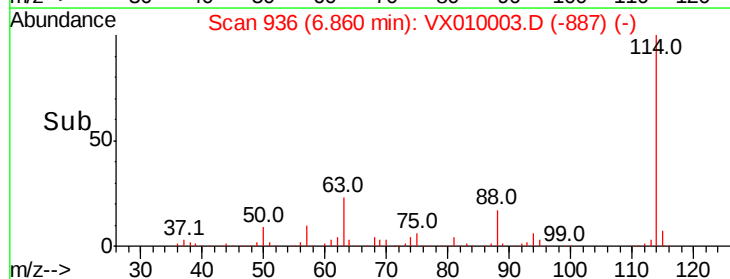
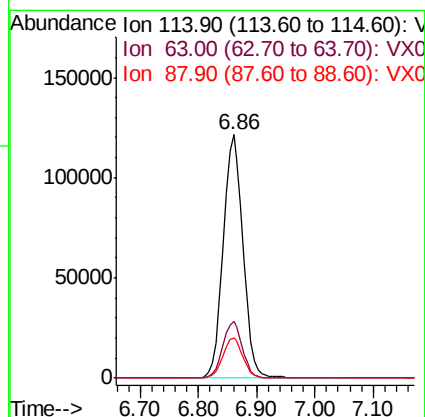
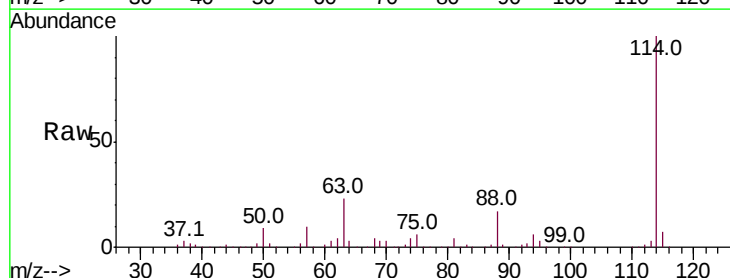
Tgt Ion:114 Resp: 286332

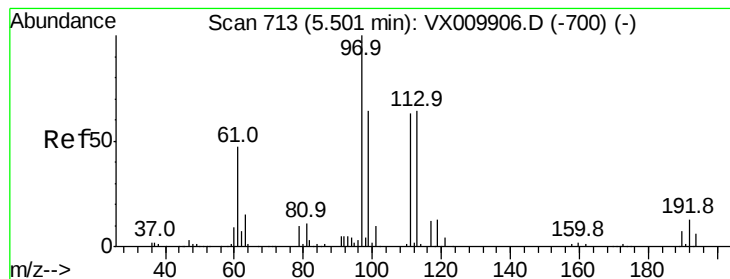
Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.4

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.586 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010003.D

Acq: 31 May 2019 23:24

Instrument :

MSVOA_X

ClientSampleID :

S32-0659DL

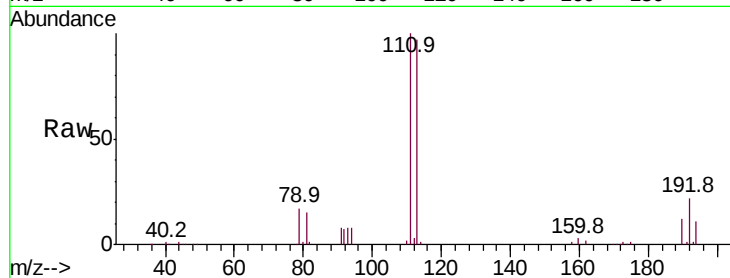
Tot Ion:113 Resp: 87463

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

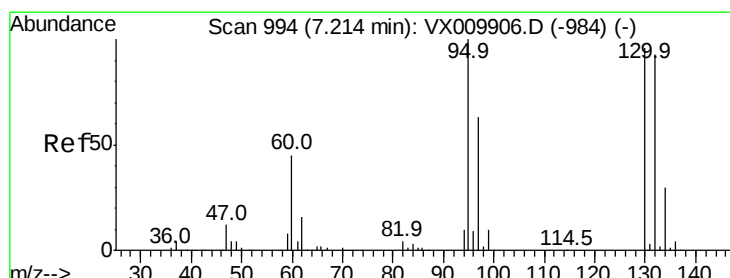
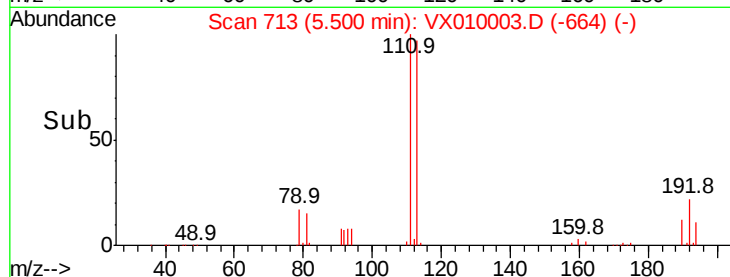
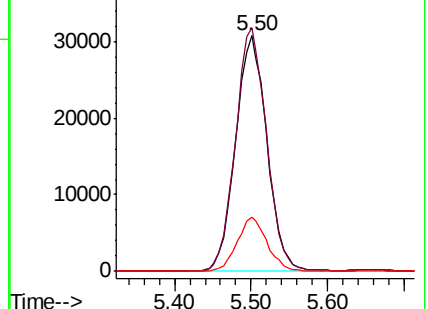
192 22.0 17.1 25.7



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



#44

Trichloroethene

Concen: 1.298 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010003.D

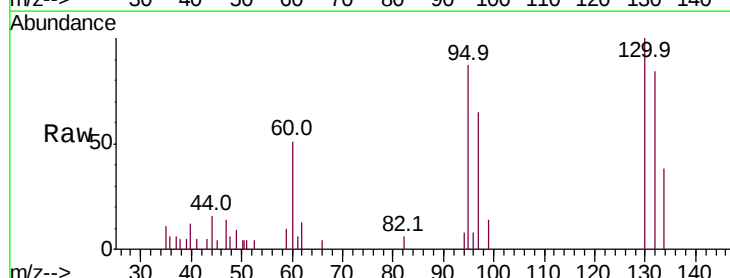
Acq: 31 May 2019 23:24

Tgt Ion:130 Resp: 2717

Ion Ratio Lower Upper

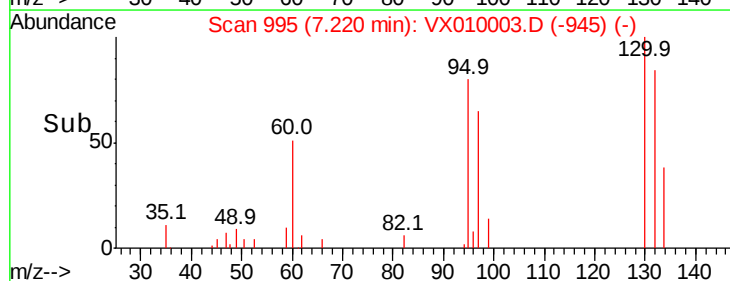
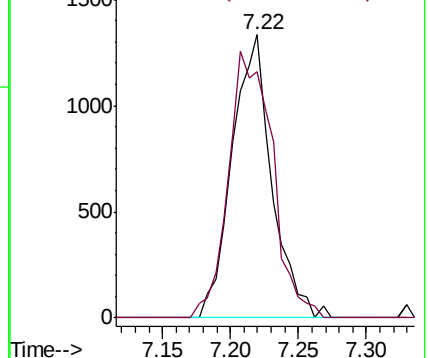
130 100

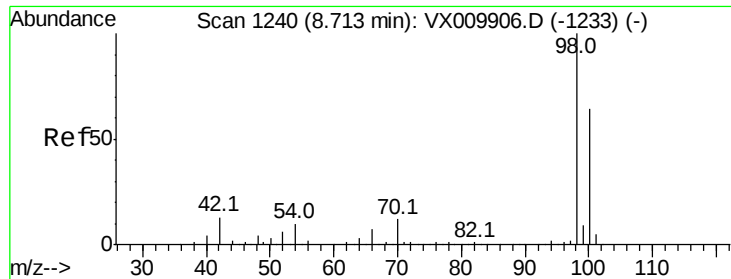
95 86.8 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

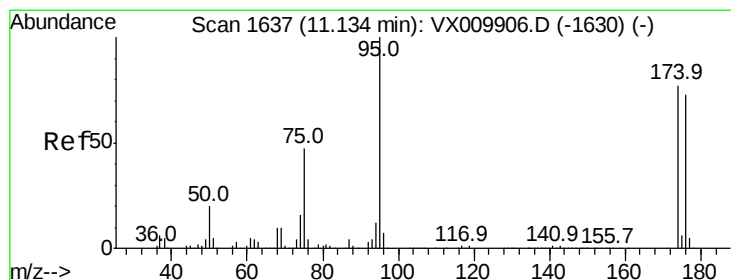
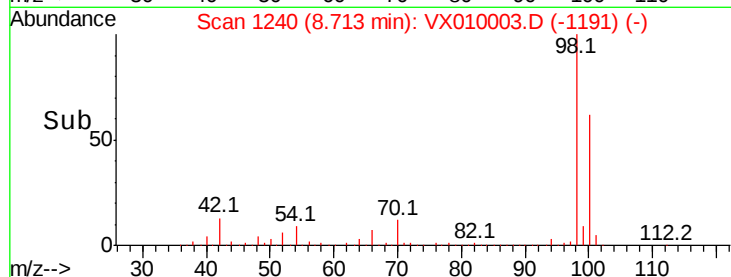
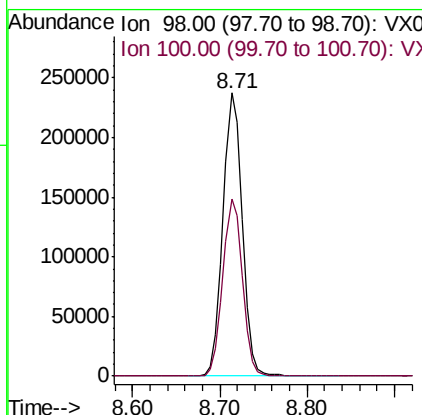
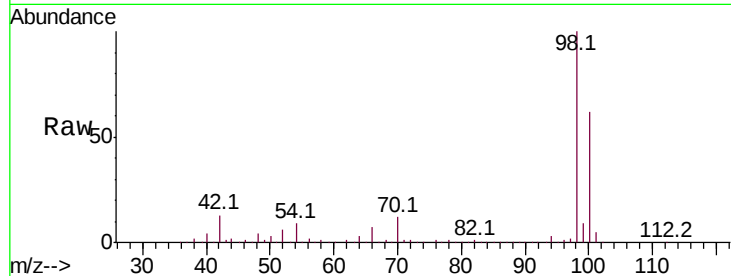




#50
Toluene-d8
Concen: 49.664 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010003.D
Acq: 31 May 2019 23:24

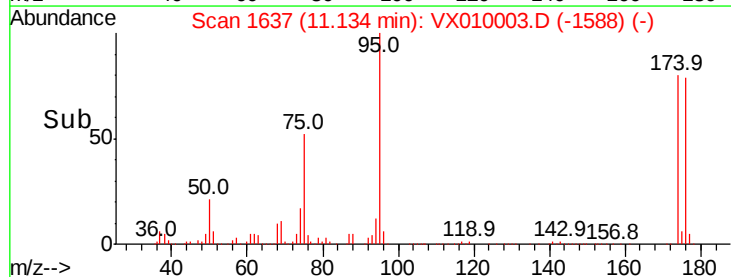
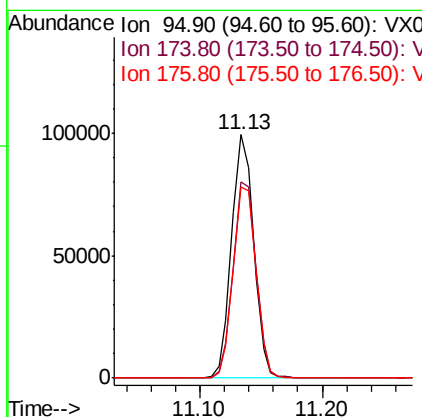
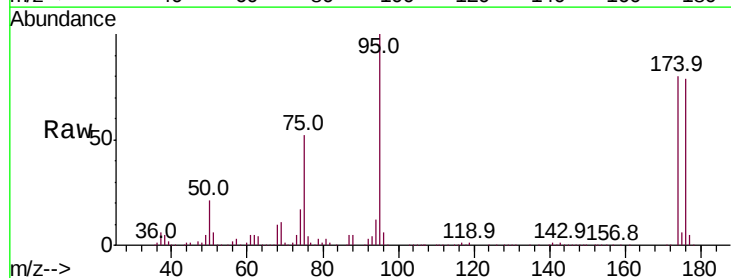
Instrument :
MSVOA_X
ClientSampled :
S32-0659DL

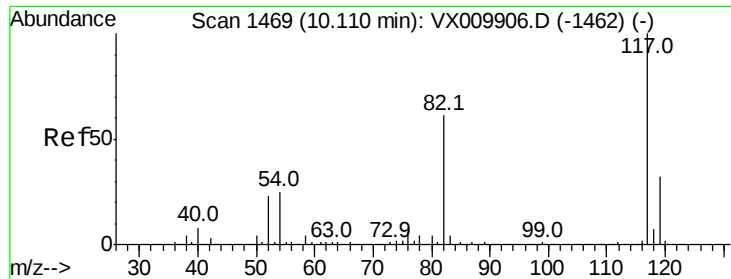
Tot Ion: 98 Resp: 363053
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.349 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010003.D
Acq: 31 May 2019 23:24

Tgt Ion: 95 Resp: 124323
Ion Ratio Lower Upper
95 100
174 83.3 0.0 160.4
176 81.9 0.0 154.6

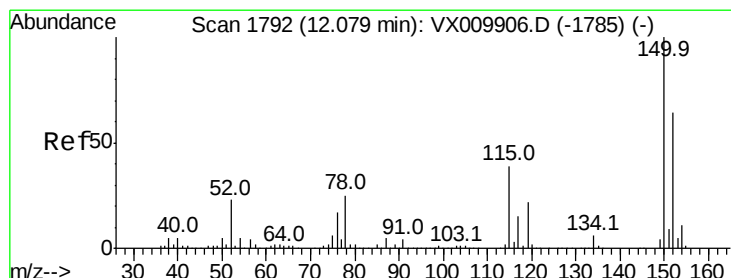
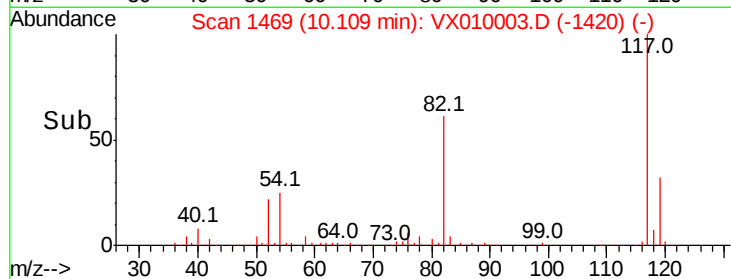
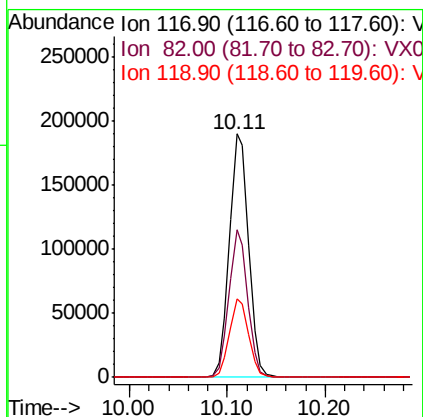
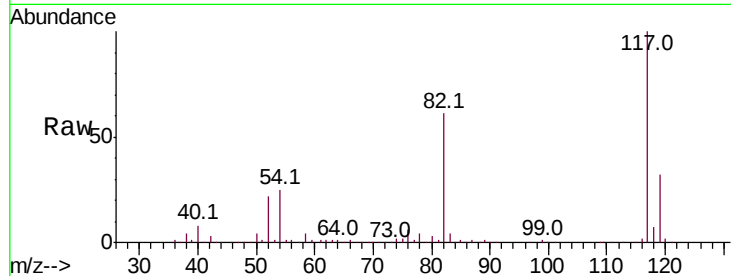




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010003.D
Acq: 31 May 2019 23:24

Instrument :
MSVOA_X
ClientSampled :
S32-0659DL

Tot Ion:117 Resp: 260408
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010003.D
Acq: 31 May 2019 23:24

Tgt Ion:152 Resp: 117894
Ion Ratio Lower Upper
152 100
115 57.9 41.4 124.2
150 155.1 0.0 345.2

