

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016701.D
 Acq On : 11 Jun 2020 14:03
 Operator : JC/SP
 Sample : L2978-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-DUP-0569-200610

Quant Time: Jun 12 07:19:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

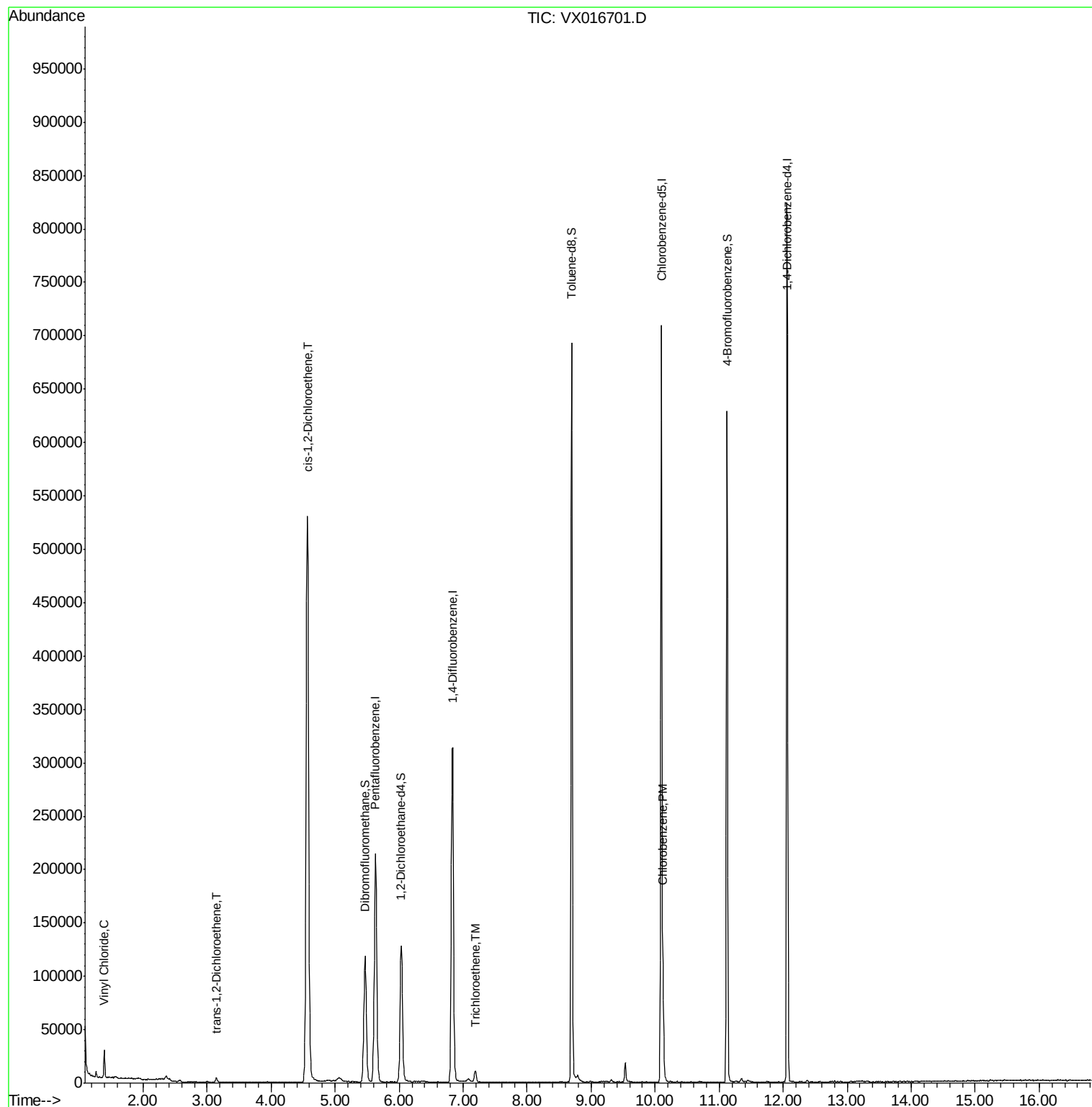
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	210707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	329379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	342374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	125945	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	5.46	113	101391	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	8.70	98	405595	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.12	95	163109	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
Target Compounds						
4) Vinyl Chloride	1.39	62	14450	5.453	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	1569	0.700	ug/l #	72
27) cis-1,2-Dichloroethene	4.57	96	359367	138.517	ug/l	88
44) Trichloroethene	7.19	130	4190	1.422	ug/l	94
65) Chlorobenzene	10.12	112	41559	5.954	ug/l	100

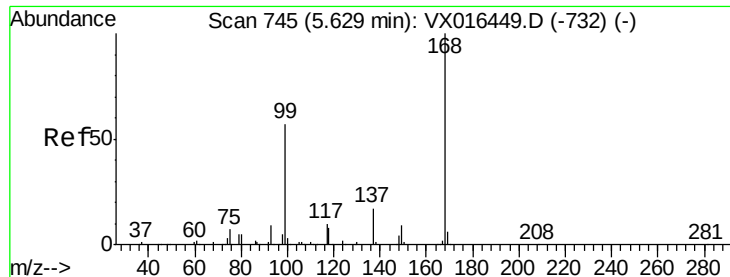
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016701.D

Acq: 11 Jun 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

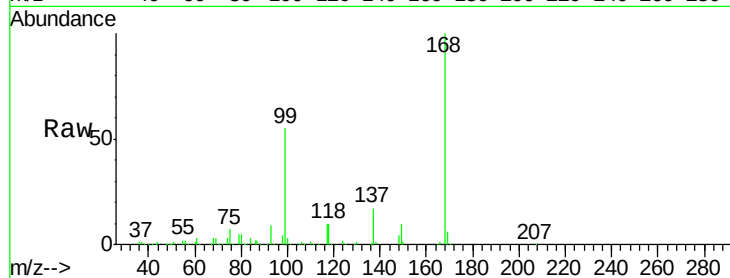
Z1-DUP-0569-200610

Tot Ion:168 Resp: 210707

Ion Ratio Lower Upper

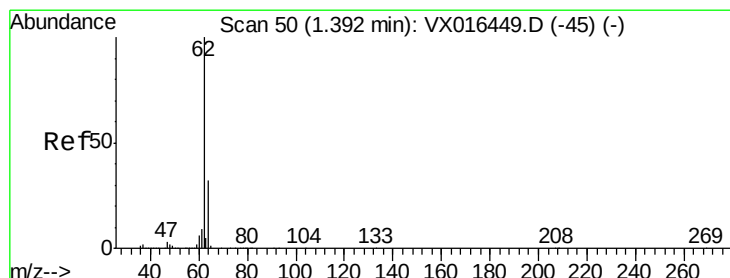
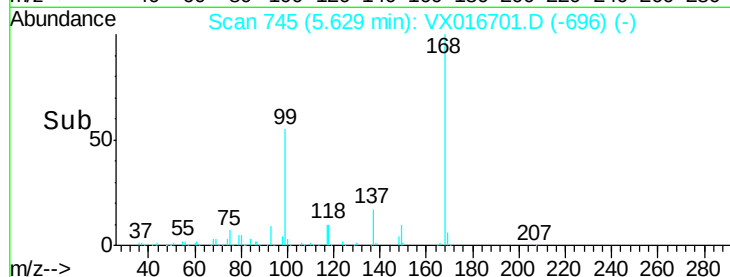
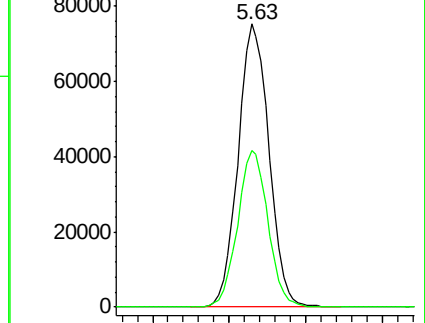
168 100

99 55.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 5.453 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016701.D

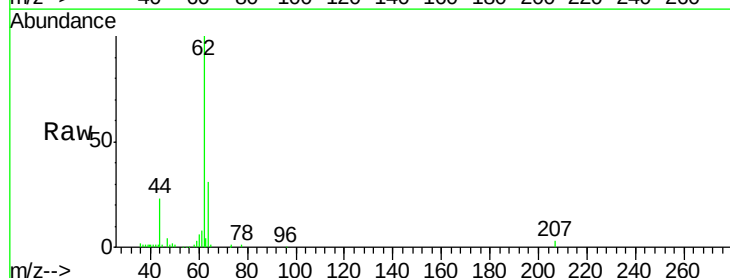
Acq: 11 Jun 2020 14:03

Tgt Ion: 62 Resp: 14450

Ion Ratio Lower Upper

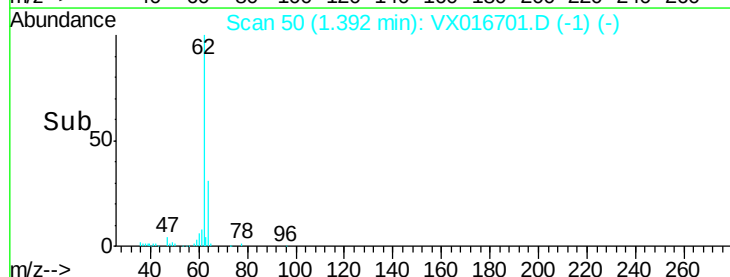
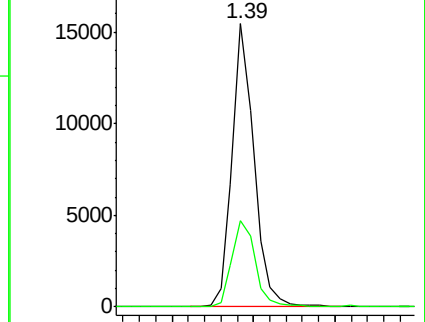
62 100

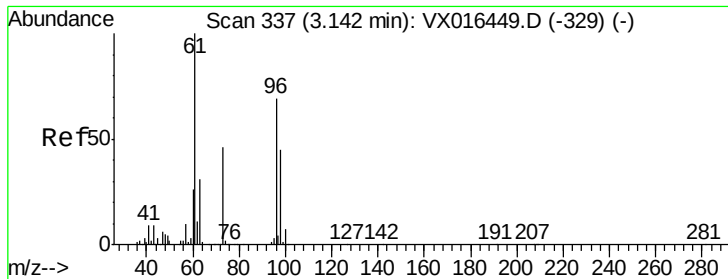
64 30.6 25.9 38.9



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: 0.700 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016701.D

Acq: 11 Jun 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0569-200610

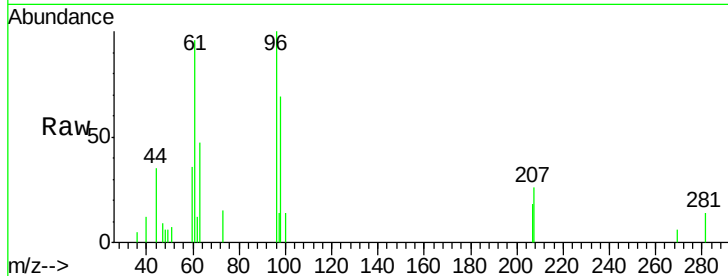
Tot Ion: 96 Resp: 1569

Ion Ratio Lower Upper

96 100

61 95.9 115.3 172.9#

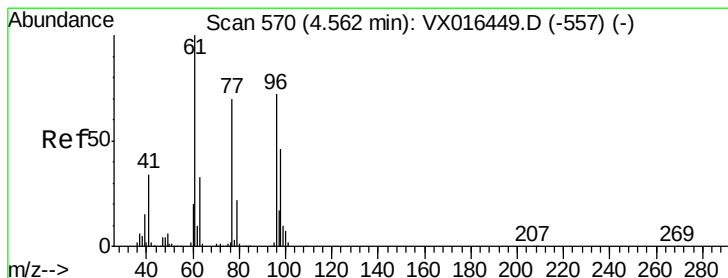
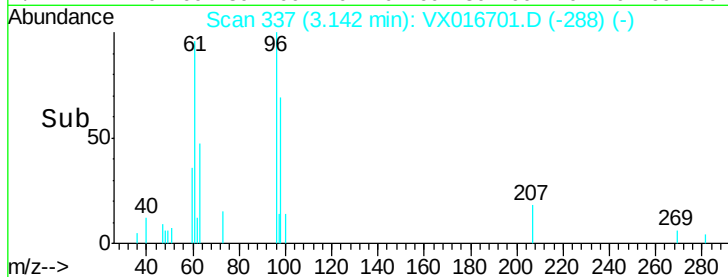
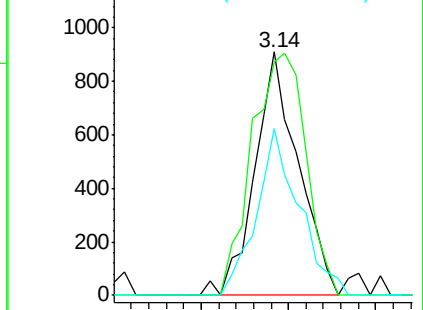
98 68.7 51.9 77.9



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: 138.517 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016701.D

Acq: 11 Jun 2020 14:03

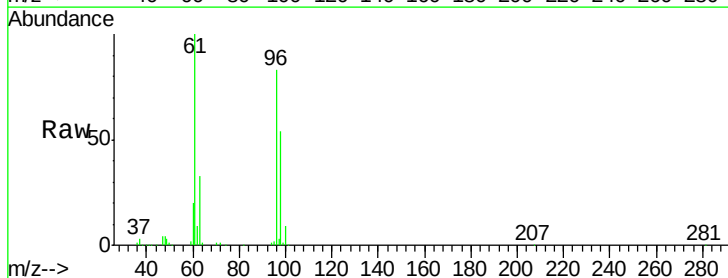
Tgt Ion: 96 Resp: 359367

Ion Ratio Lower Upper

96 100

61 120.8 0.0 284.6

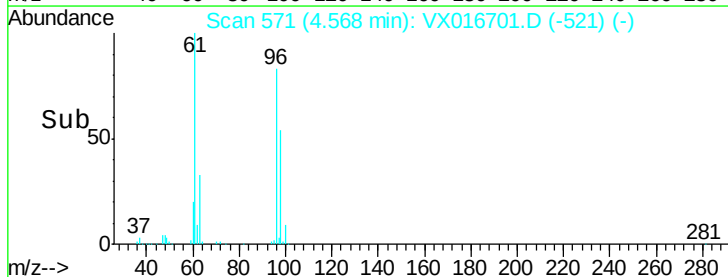
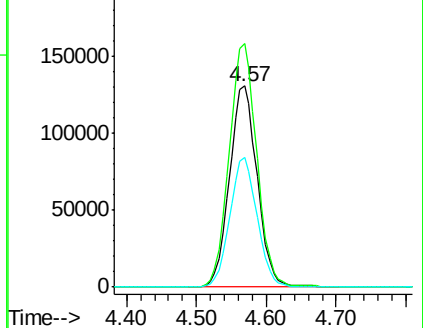
98 63.8 0.0 127.2

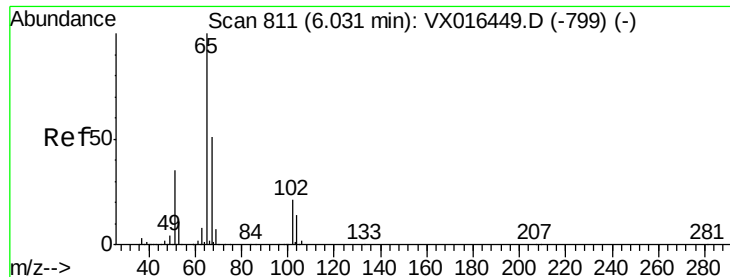


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

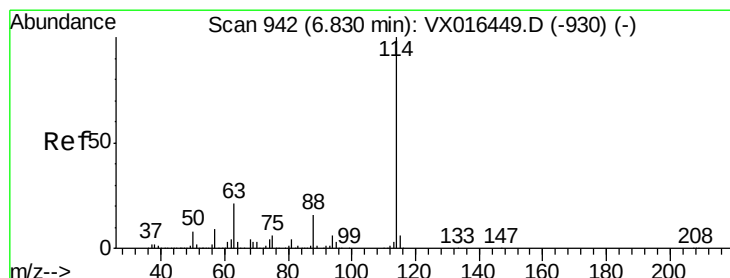
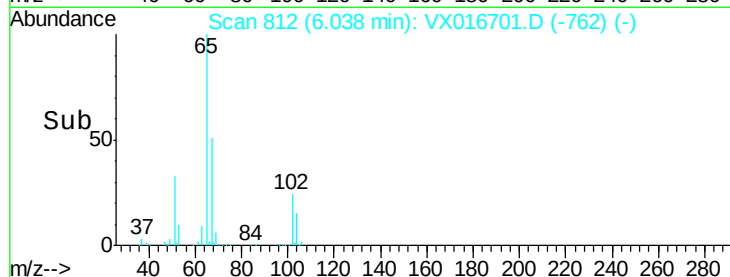
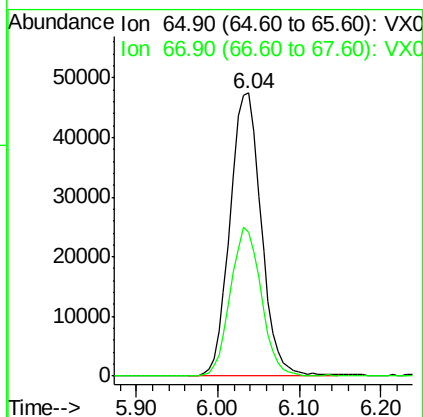
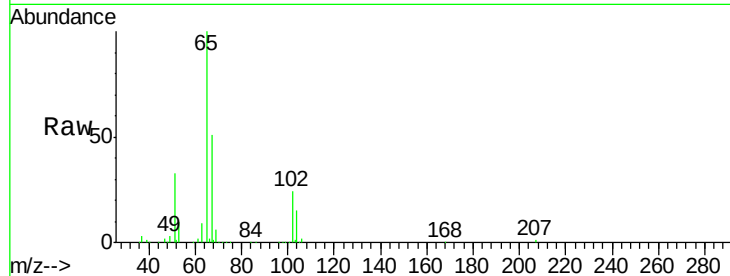




#33
 1,2-Dichloroethane-d4
 Concen: 48.131 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016701.D
 Acq: 11 Jun 2020 14:03

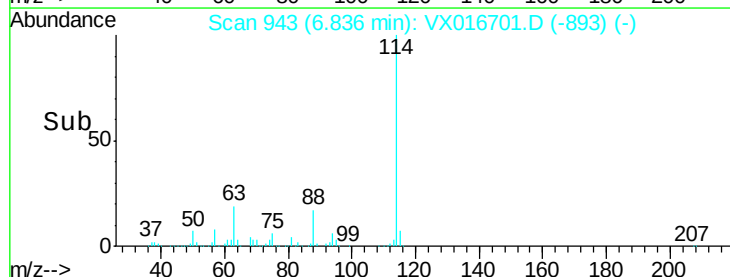
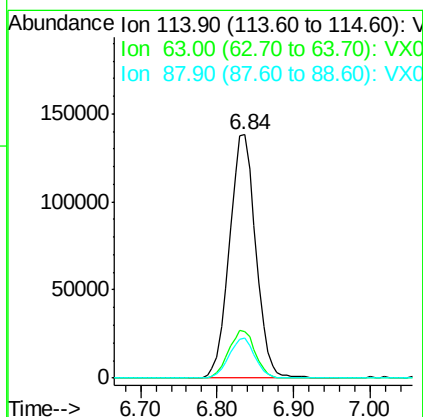
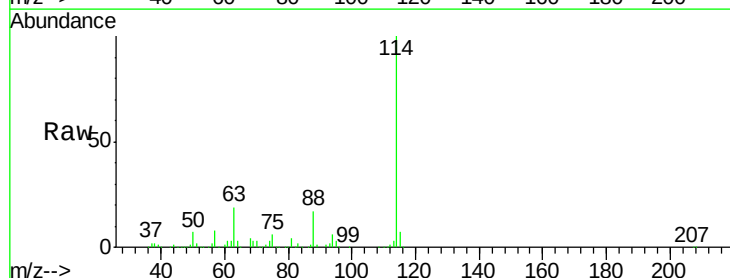
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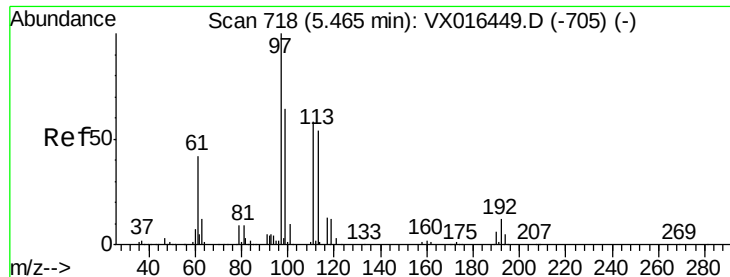
Tot Ion: 65 Resp: 125945
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016701.D
 Acq: 11 Jun 2020 14:03

Tgt Ion: 114 Resp: 329379
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.6
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.992 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016701.D

Acq: 11 Jun 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

Z1-DUP-0569-200610

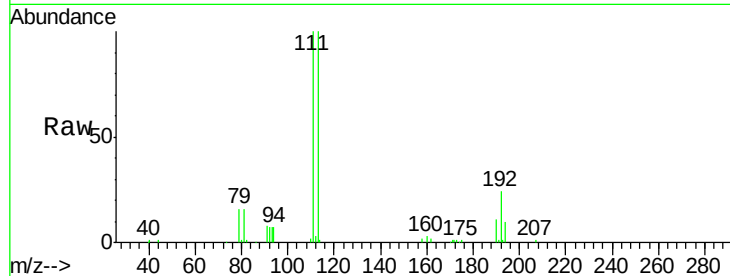
Tot Ion:113 Resp: 101391

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

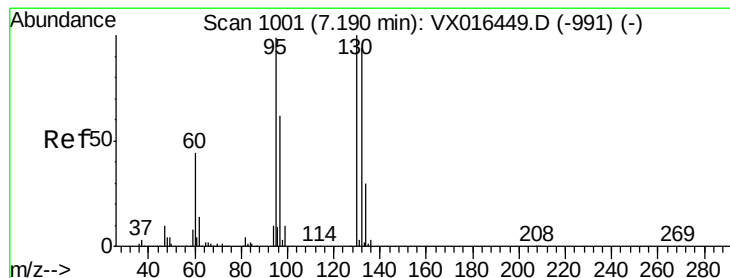
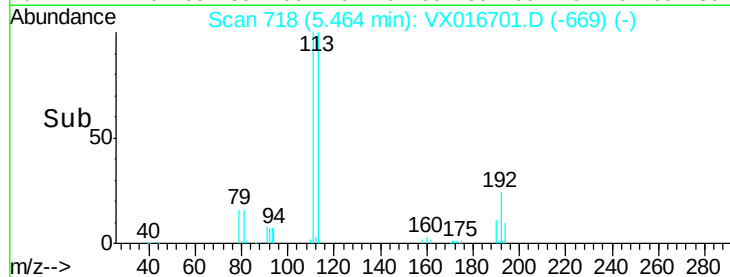
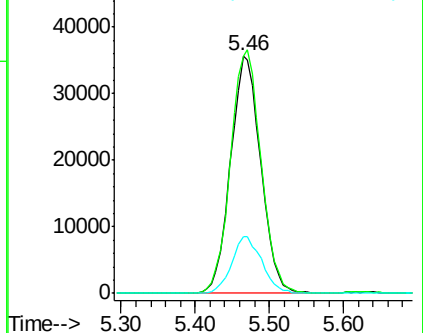
192 23.8 17.7 26.5



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: 1.422 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016701.D

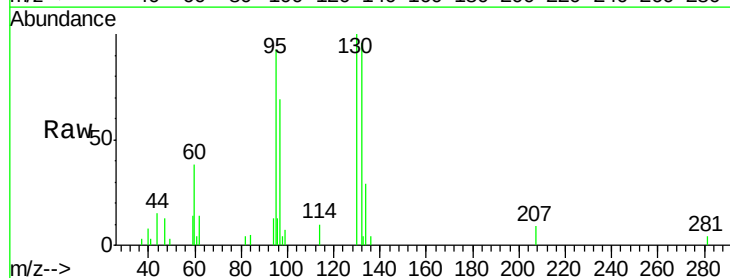
Acq: 11 Jun 2020 14:03

Tgt Ion:130 Resp: 4190

Ion Ratio Lower Upper

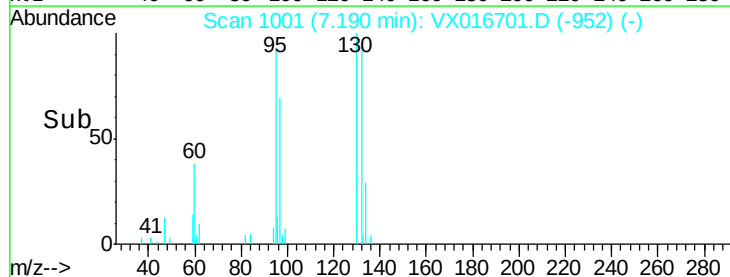
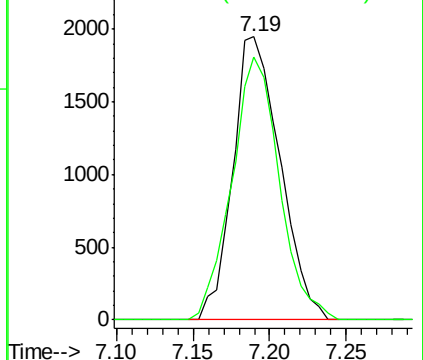
130 100

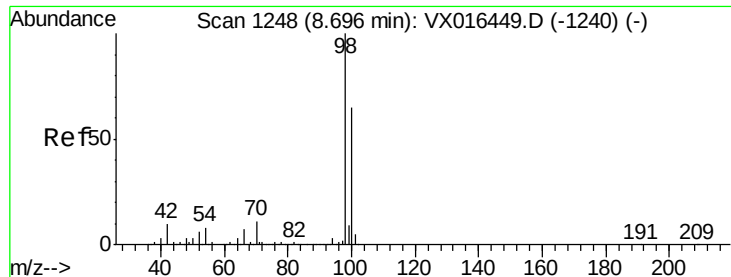
95 93.0 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

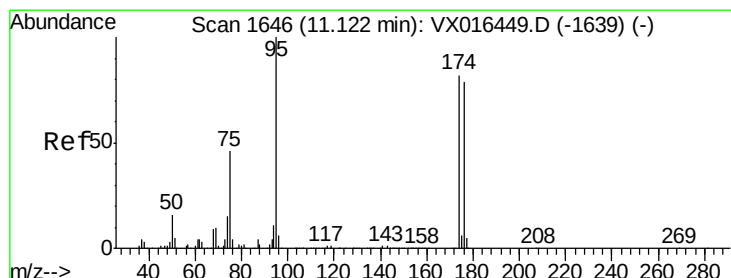
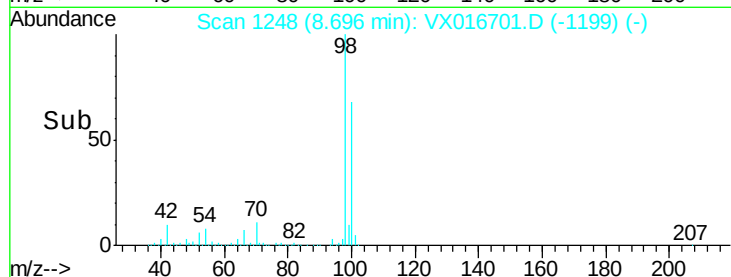
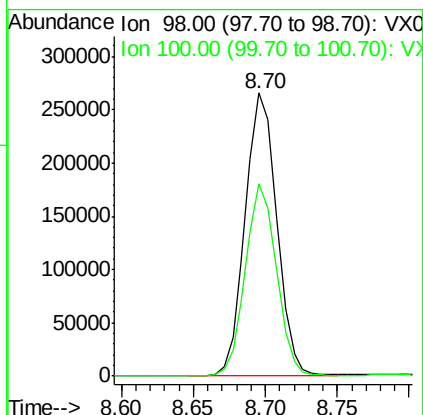
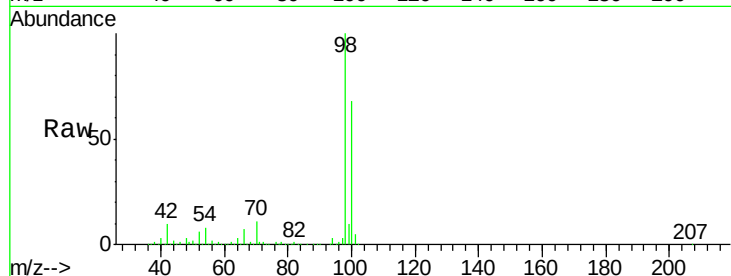




#50
Toluene-d8
Concen: 51.381 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016701.D
Acq: 11 Jun 2020 14:03

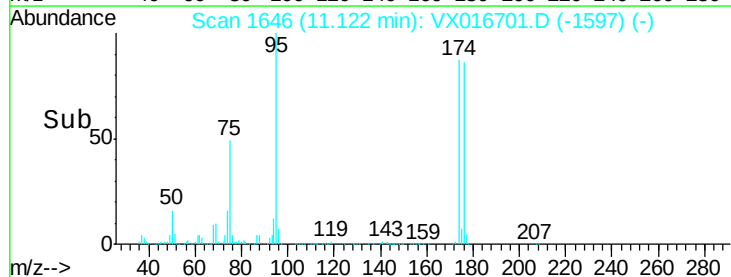
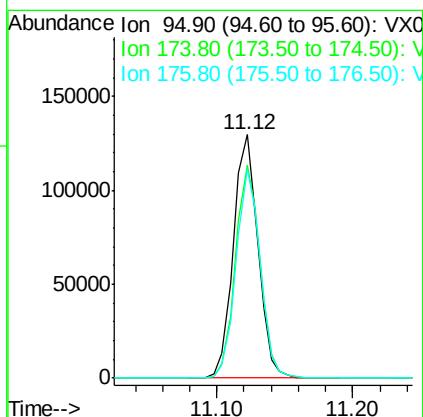
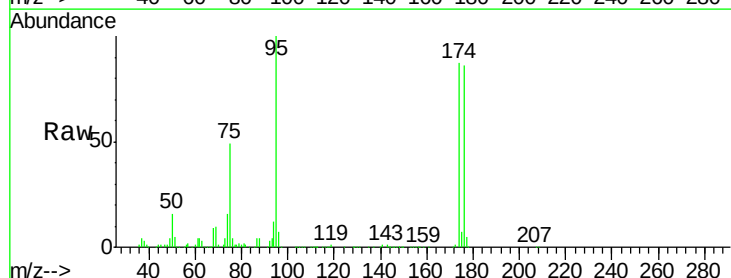
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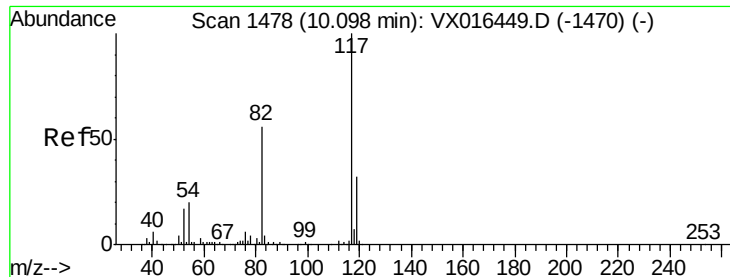
Tot Ion: 98 Resp: 405595
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.475 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016701.D
Acq: 11 Jun 2020 14:03

Tgt Ion: 95 Resp: 163109
Ion Ratio Lower Upper
95 100
174 88.0 0.0 163.0
176 84.5 0.0 156.8

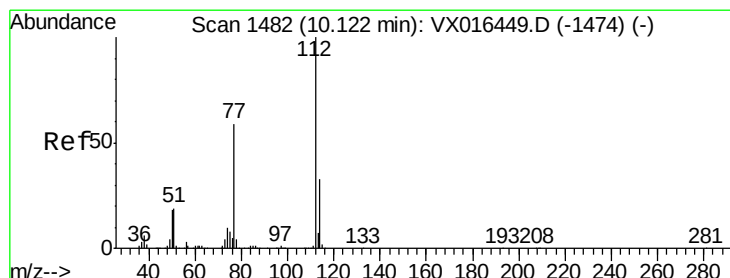
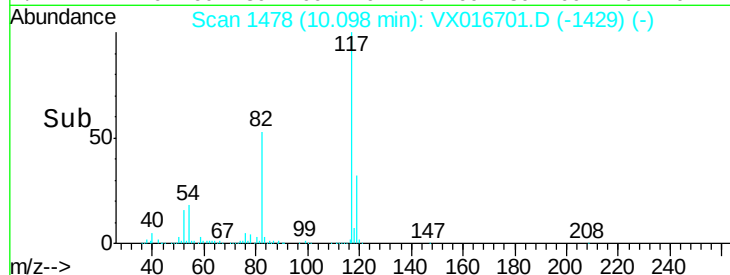
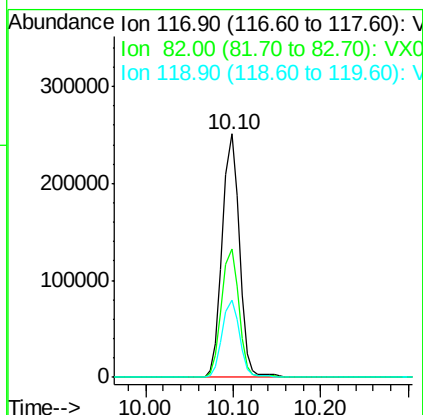
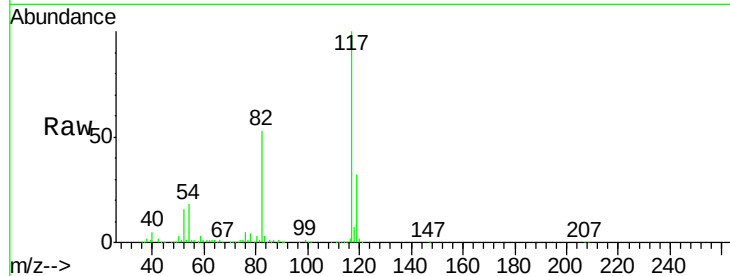




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016701.D
Acq: 11 Jun 2020 14:03

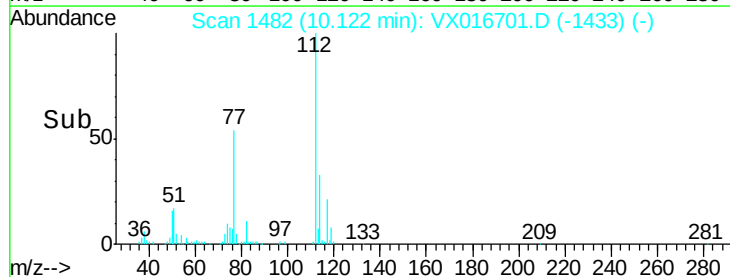
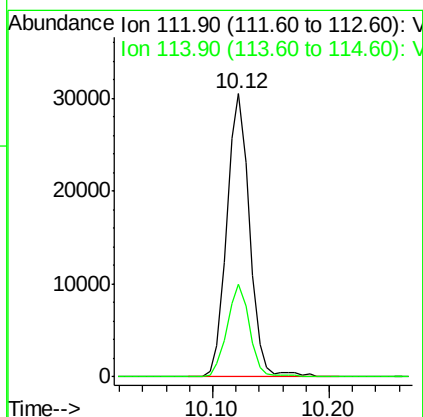
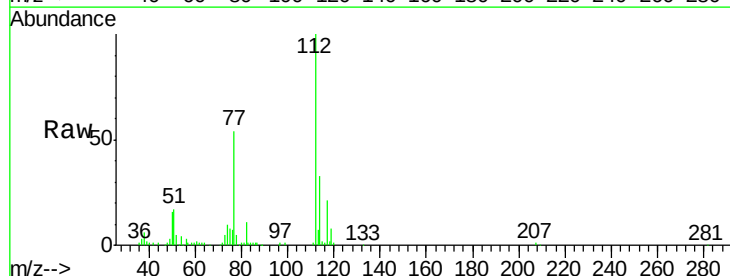
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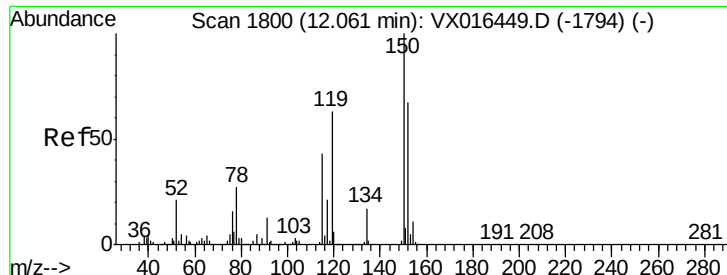
Tot Ion:117 Resp: 342374
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.6
119 31.8 25.8 38.8



#65
Chlorobenzene
Concen: 5.954 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016701.D
Acq: 11 Jun 2020 14:03

Tgt Ion:112 Resp: 41559
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016701.D

Acq: 11 Jun 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

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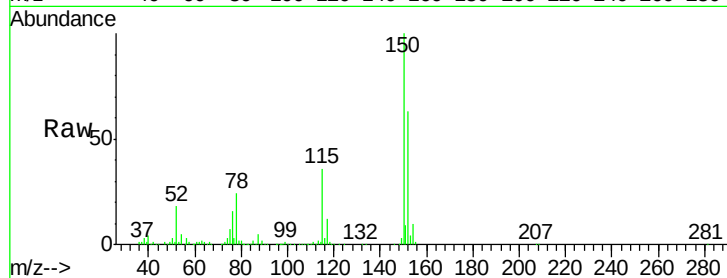
Tot Ion:152 Resp: 171850

Ion Ratio Lower Upper

152 100

115 58.3 39.9 119.6

150 159.6 0.0 341.0



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

