

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019805.D
 Acq On : 10 Dec 2020 03:02
 Operator : JC/MD
 Sample : L4993-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5225-120820

Quant Time: Dec 10 10:40:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	326907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	534722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	490684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212559	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	203843	47.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.88%	
35) Dibromofluoromethane		5.46	113	165470	47.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.76%	
50) Toluene-d8		8.70	98	649416	49.22	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.44%	
62) 4-Bromofluorobenzene		11.12	95	227064	45.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.44%	

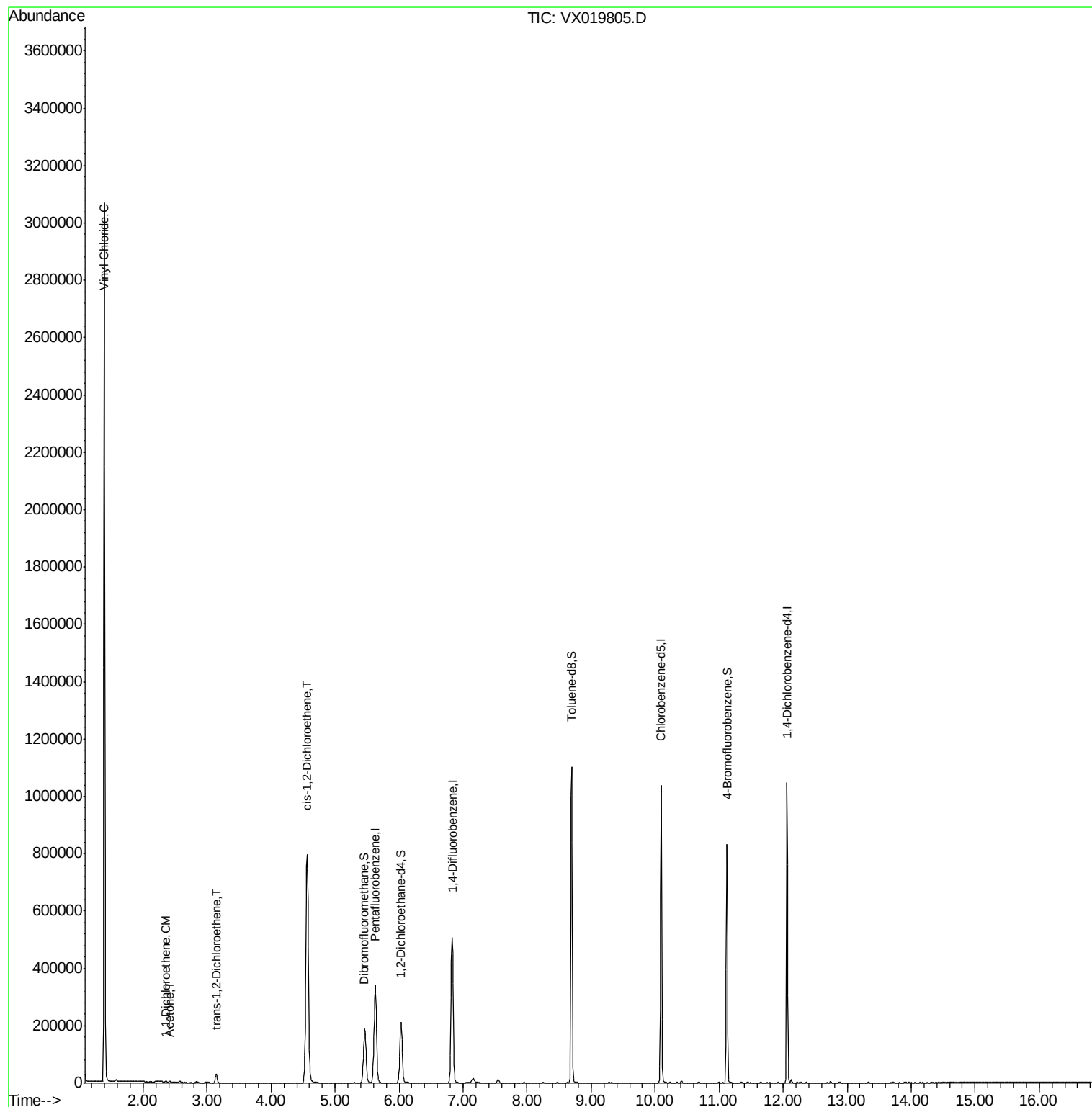
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	1770225	476.967	ug/l	99
12) 1,1-Dichloroethene	2.36	96	1841	0.615	ug/l	87
16) Acetone	2.42	43	4646	2.877	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	12397	3.550	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	532482	130.303	ug/l	89

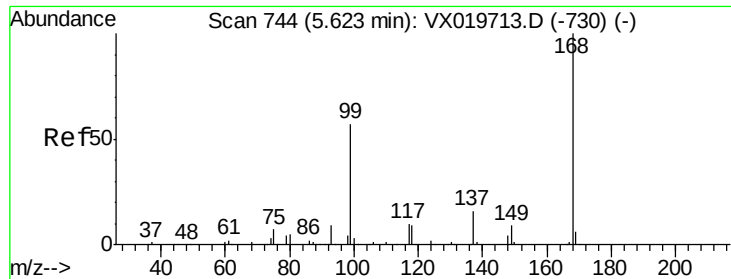
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019805.D

Acq: 10 Dec 2020 03:02

Instrument :

MSVOA_X

ClientSampleId :

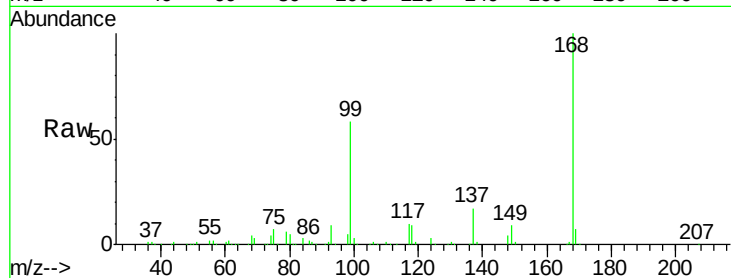
TU032-32-5225-120820

Tot Ion:168 Resp: 326907

Ion Ratio Lower Upper

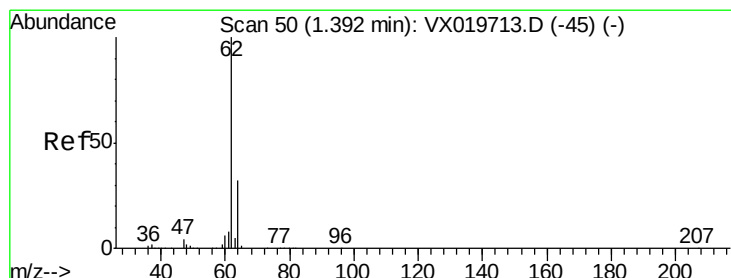
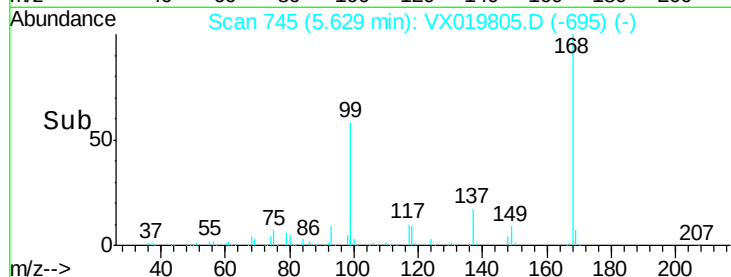
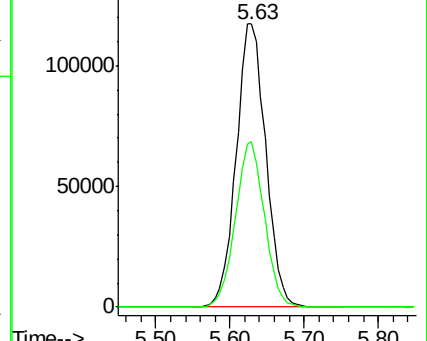
168 100

99 58.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 476.967 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019805.D

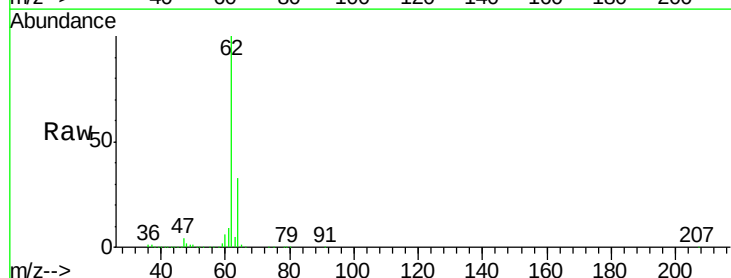
Acq: 10 Dec 2020 03:02

Tgt Ion: 62 Resp: 1770225

Ion Ratio Lower Upper

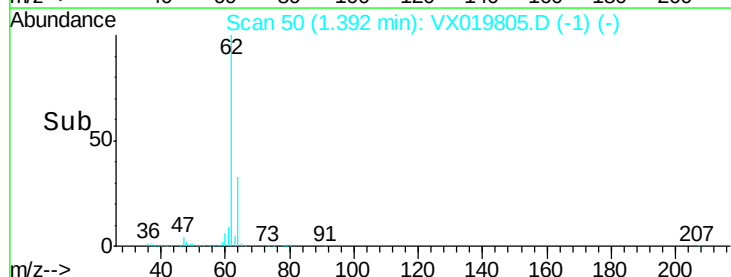
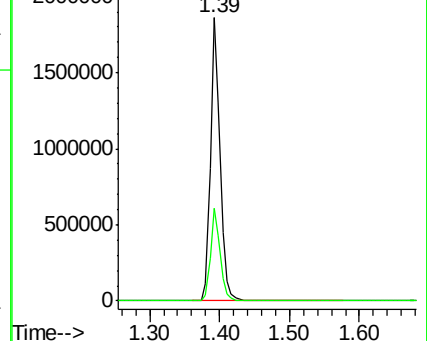
62 100

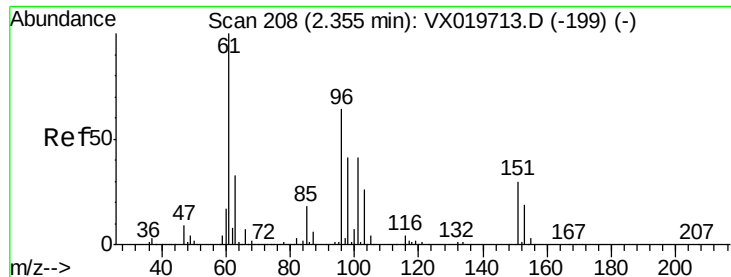
64 32.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

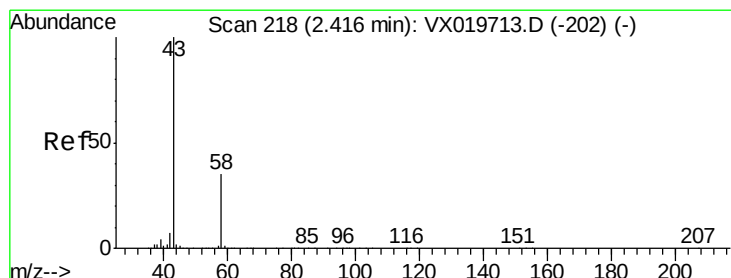
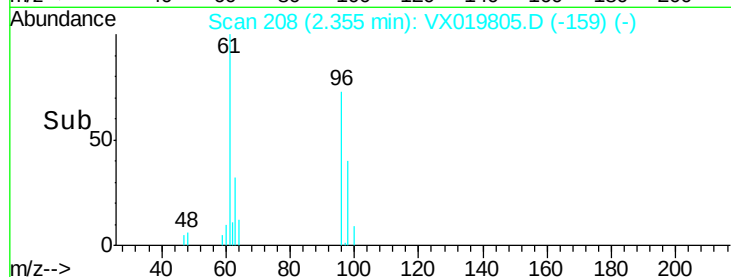
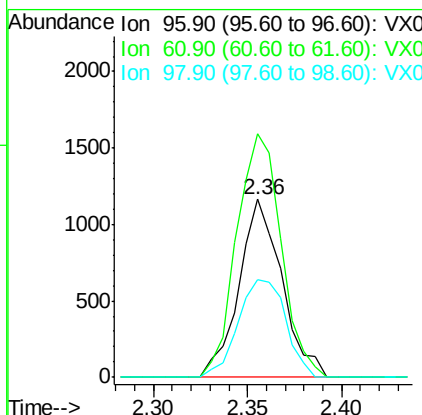
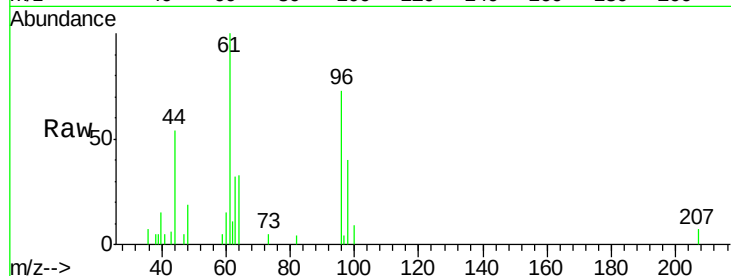




#12
 1,1-Dichloroethene
 Concen: 0.615 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019805.D
 Acq: 10 Dec 2020 03:02

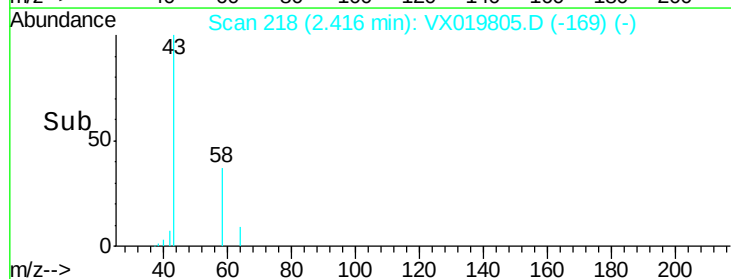
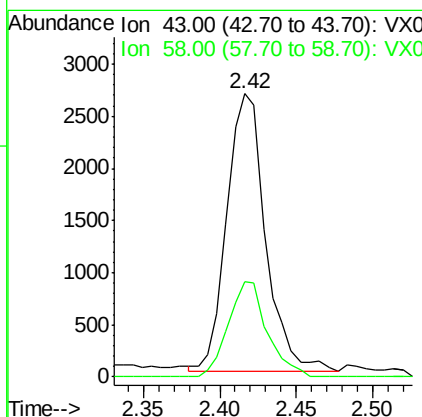
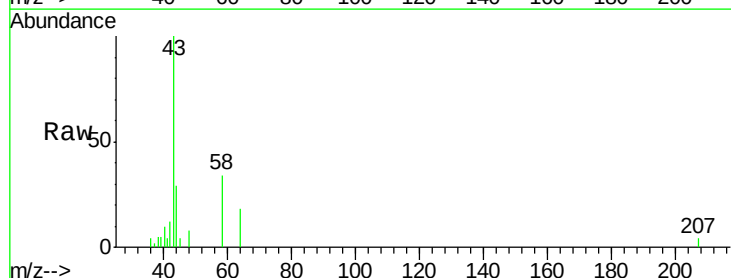
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5225-120820

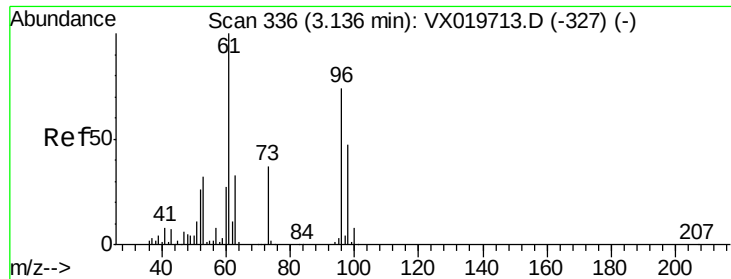
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	124.6	187.0
98	55.2	50.6	76.0



#16
 Acetone
 Concen: 2.877 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX019805.D
 Acq: 10 Dec 2020 03:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.8	41.8





#21

trans-1,2-Dichloroethene

Concen: 3.550 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019805.D

Acq: 10 Dec 2020 03:02

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5225-120820

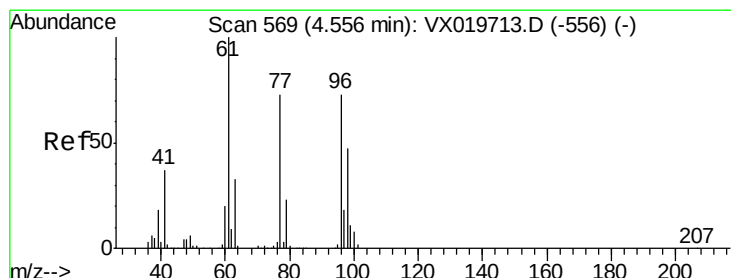
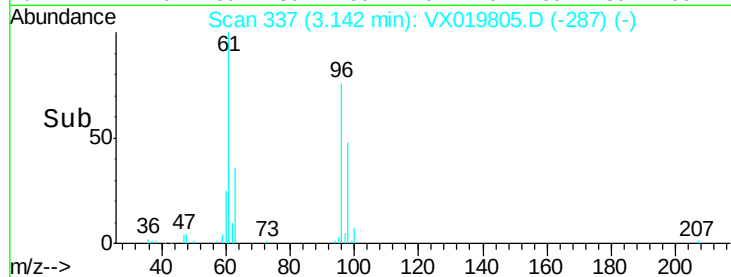
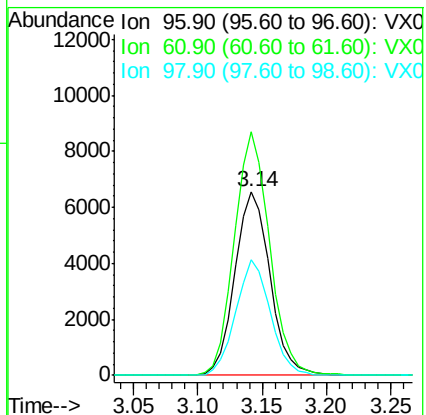
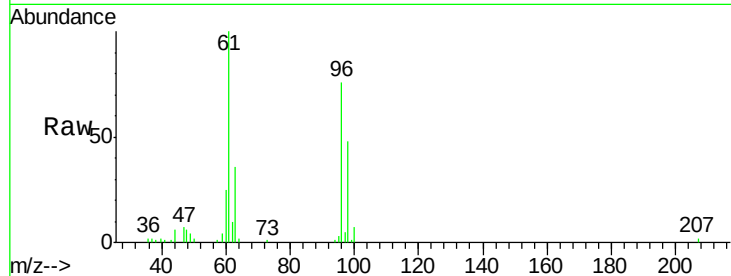
Tot Ion: 96 Resp: 12397

Ion Ratio Lower Upper

96 100

61 132.4 107.7 161.5

98 63.0 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 130.303 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019805.D

Acq: 10 Dec 2020 03:02

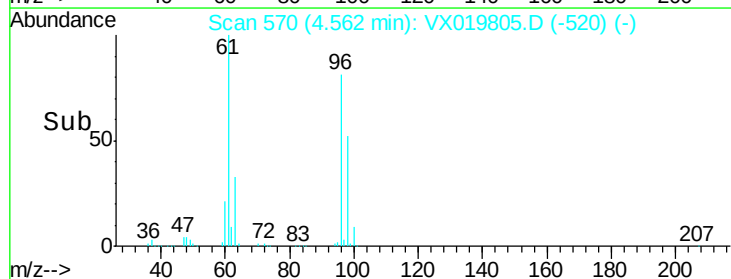
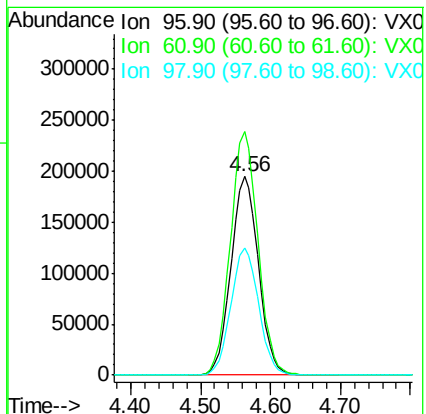
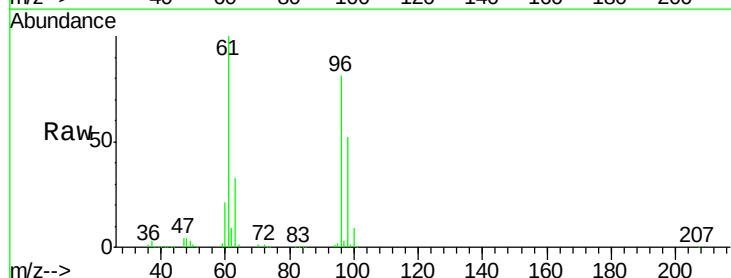
Tgt Ion: 96 Resp: 532482

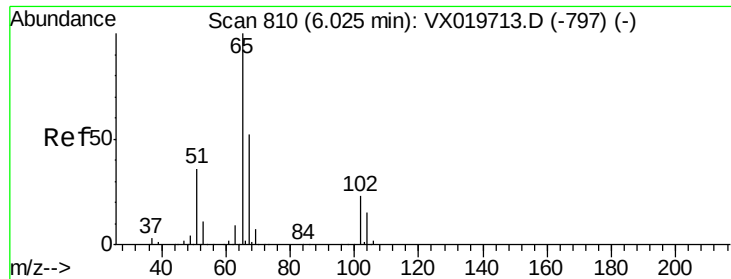
Ion Ratio Lower Upper

96 100

61 123.2 0.0 285.6

98 64.4 0.0 129.6

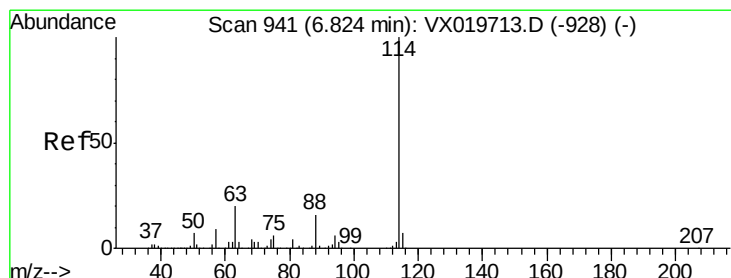
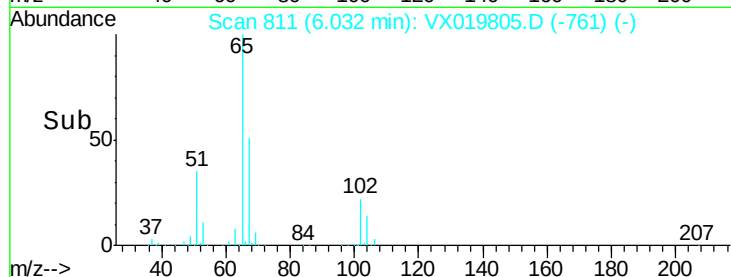
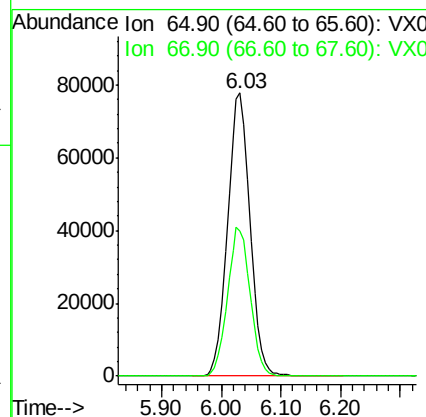
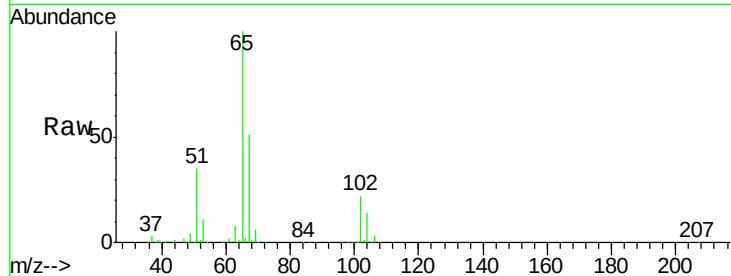




#33
 1,2-Dichloroethane-d4
 Concen: 47.444 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019805.D
 Acq: 10 Dec 2020 03:02

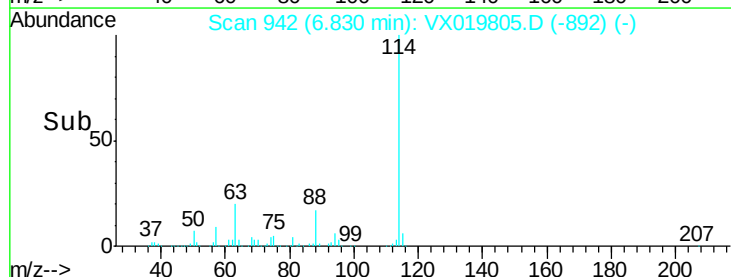
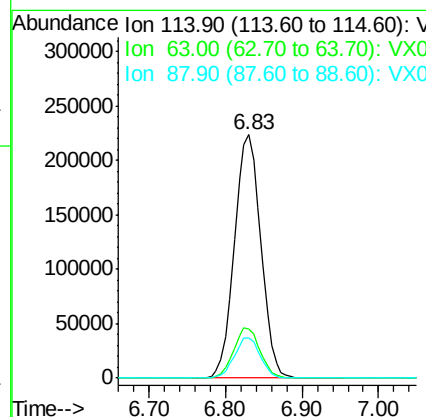
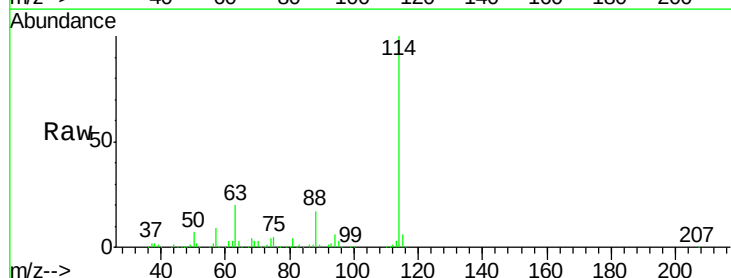
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 MSVOA_X
 ClientSampleId :
 TU032-32-5225-120820

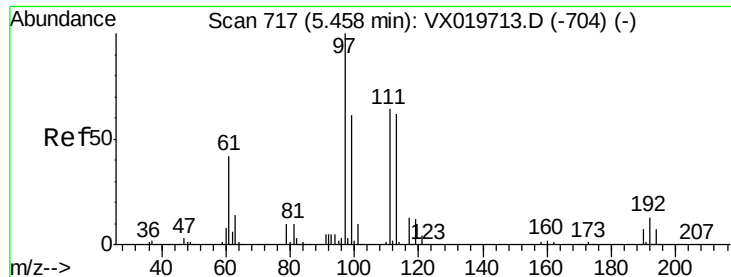
Tot Ion: 65 Resp: 203843
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019805.D
 Acq: 10 Dec 2020 03:02

Tgt Ion: 114 Resp: 534722
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.7 0.0 32.8

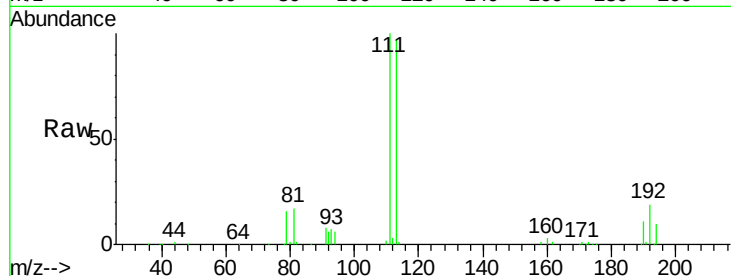




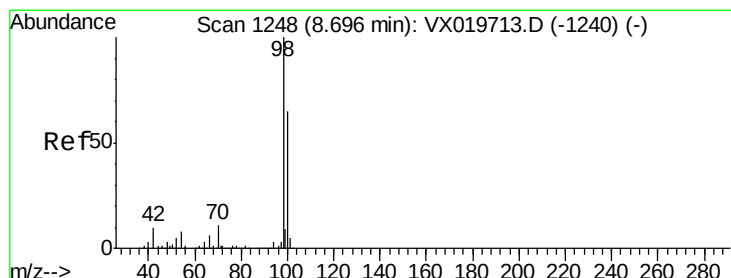
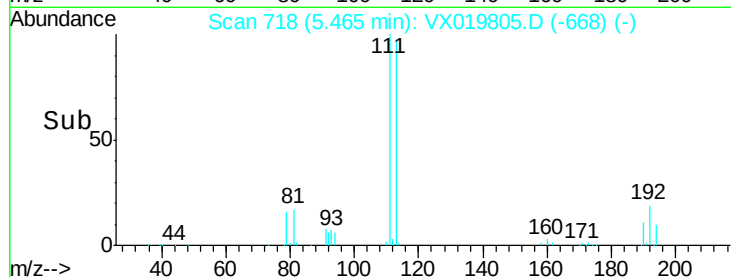
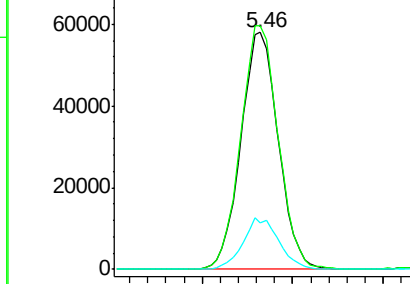
#35
 Dibromofluoromethane
 Concen: 47.881 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019805.D
 Acq: 10 Dec 2020 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5225-120820

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	20.9	16.7	25.1

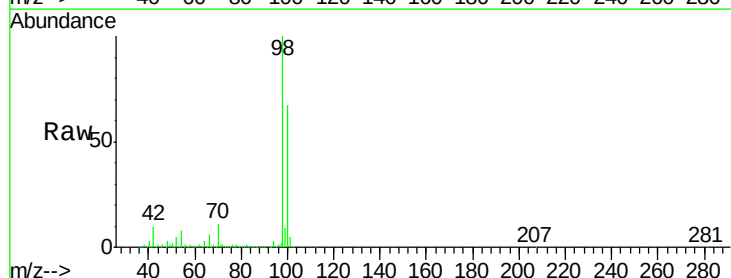


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

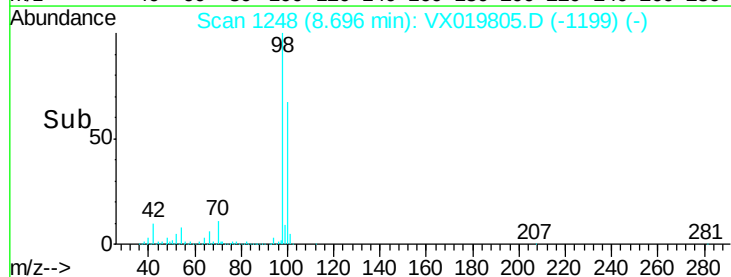
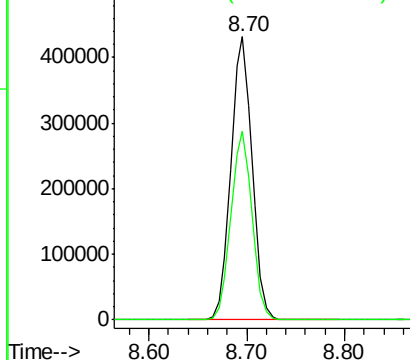


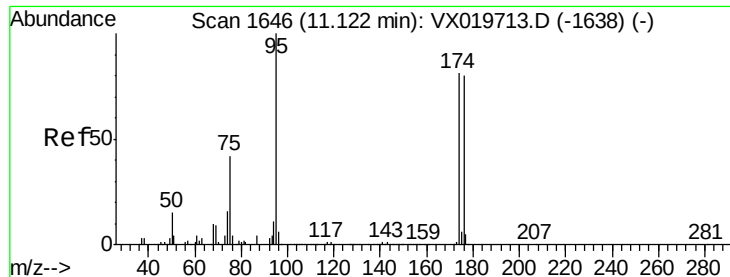
#50
 Toluene-d8
 Concen: 49.223 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019805.D
 Acq: 10 Dec 2020 03:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9



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

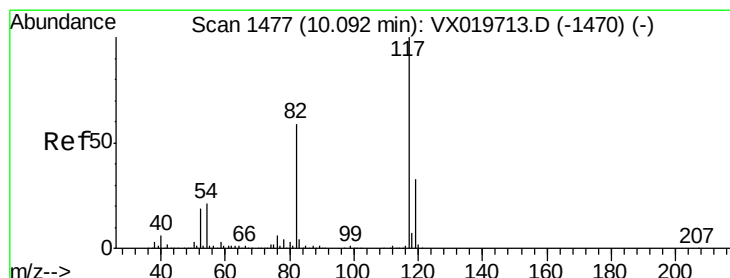
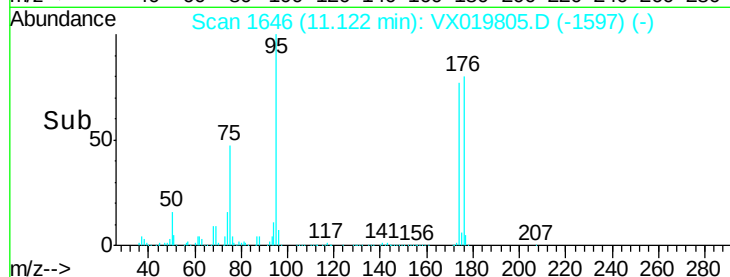
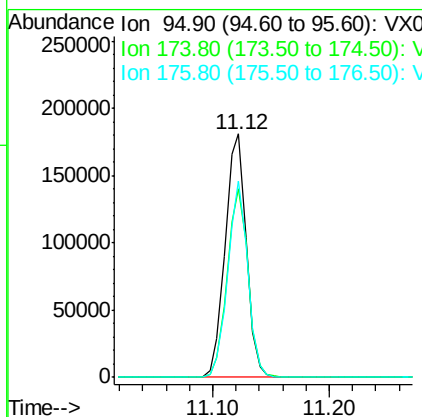
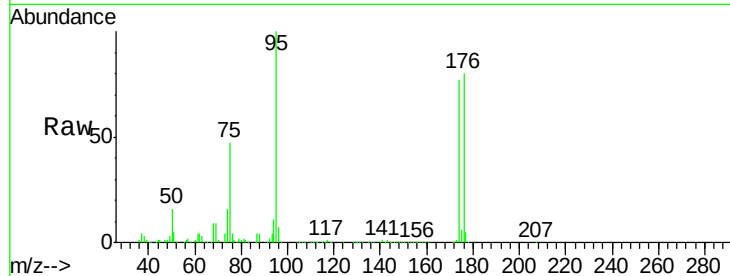




#62
4-Bromofluorobenzene
Concen: 45.217 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019805.D
Acq: 10 Dec 2020 03:02

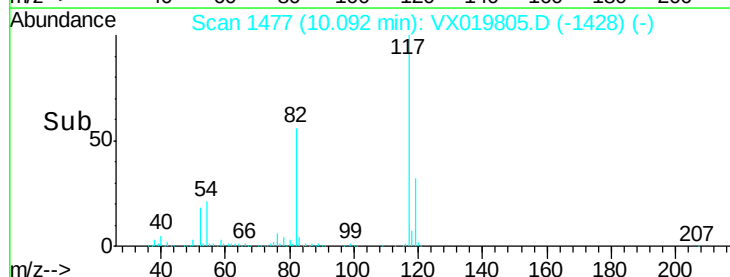
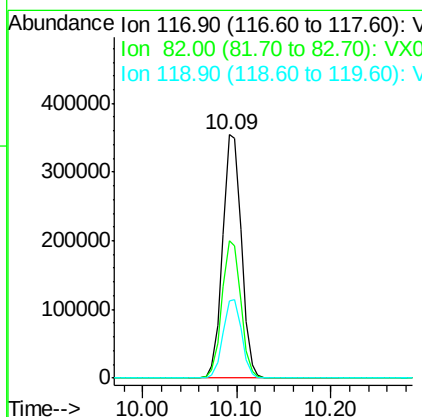
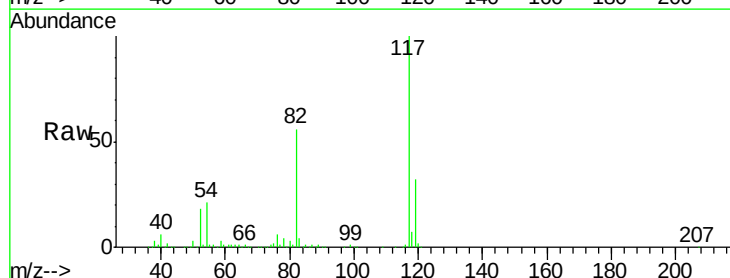
Instrument :
MSVOA_X
ClientSampleId :
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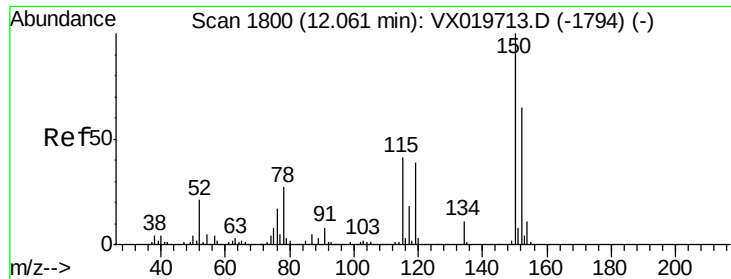
Tot Ion: 95 Resp: 227064
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 76.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019805.D
Acq: 10 Dec 2020 03:02

Tgt Ion: 117 Resp: 490684
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.8 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019805.D

Acq: 10 Dec 2020 03:02

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5225-120820

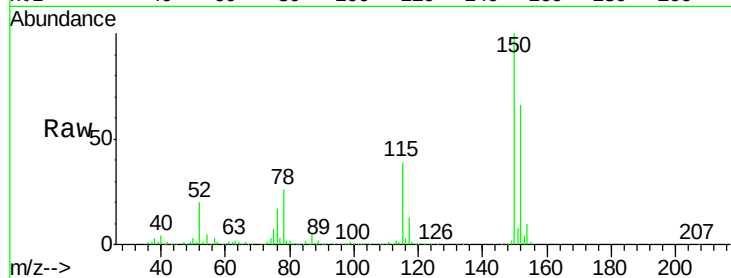
Tot Ion:152 Resp: 212559

Ion Ratio Lower Upper

152 100

115 59.1 41.1 123.3

150 156.3 0.0 349.0



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

