

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019816.D
 Acq On : 10 Dec 2020 11:38
 Operator : JC/MD
 Sample : L4993-08DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 11 01:16:54 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	322119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	531787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	478457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209981	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	202239	47.77	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.54%	
35) Dibromofluoromethane		5.46	113	163524	47.58	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.16%	
50) Toluene-d8		8.70	98	636649	48.52	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.04%	
62) 4-Bromofluorobenzene		11.12	95	224728	45.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.00%	

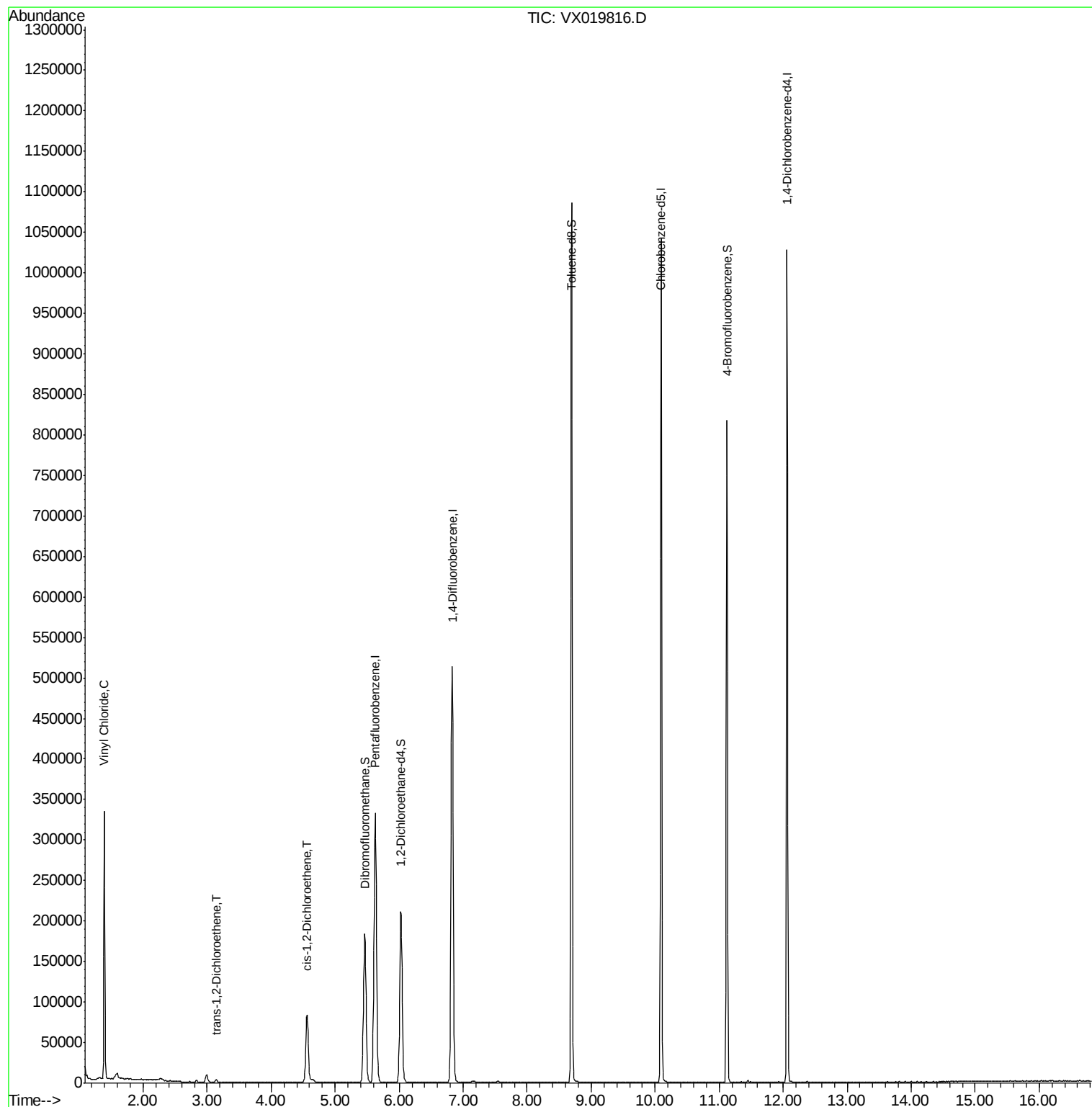
Target Compounds		R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride		1.39	62	192154	52.543	ug/l	99
21) trans-1,2-Dichloroethene		3.14	96	1599	0.465	ug/l	90
27) cis-1,2-Dichloroethene		4.56	96	54912	13.637	ug/l	91

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

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Quant Title : SW846 8260
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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: VX019816.D

Acq: 10 Dec 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

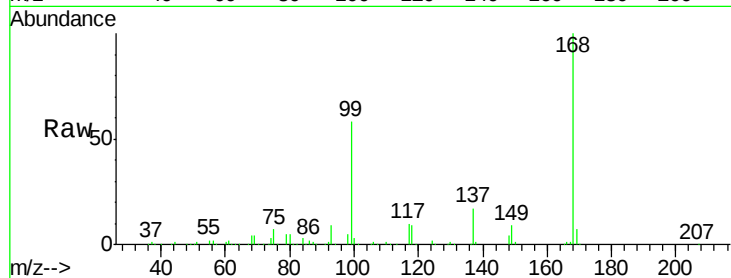
TU032-32-5225-120820DL

Tot Ion:168 Resp: 322119

Ion Ratio Lower Upper

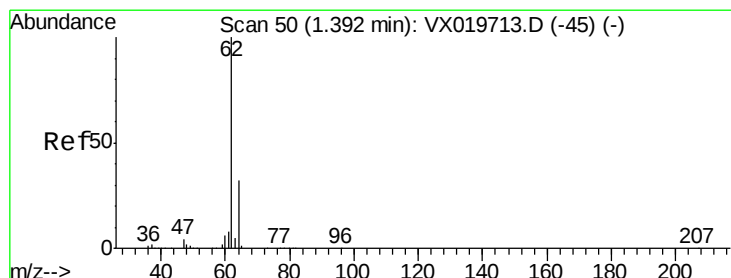
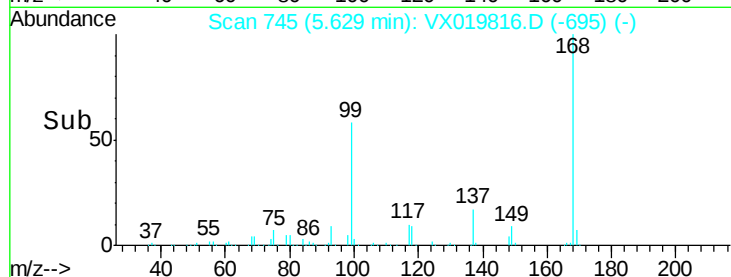
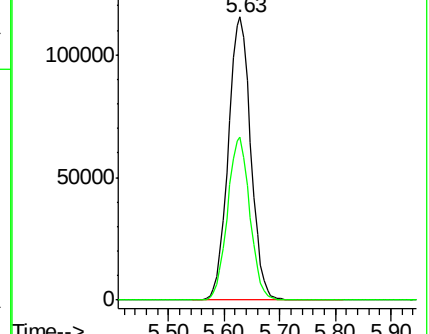
168 100

99 57.8 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: 52.543 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019816.D

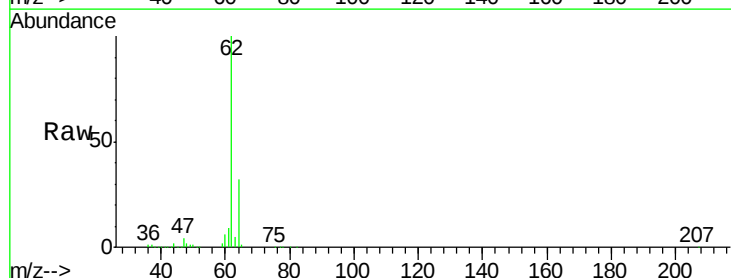
Acq: 10 Dec 2020 11:38

Tgt Ion: 62 Resp: 192154

Ion Ratio Lower Upper

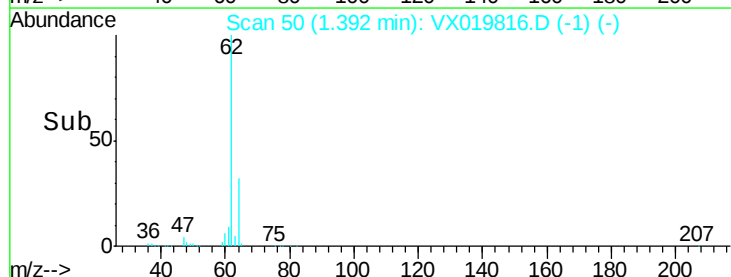
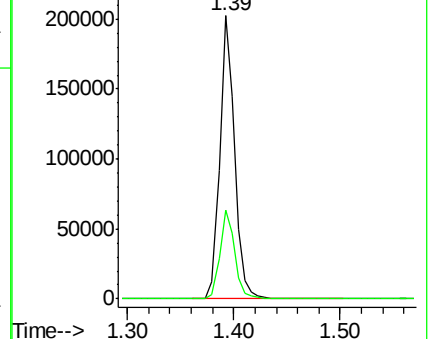
62 100

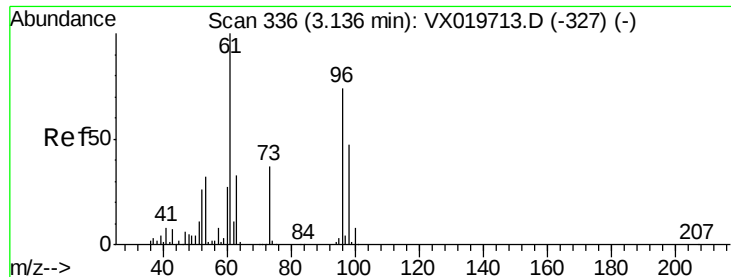
64 31.6 25.7 38.5



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: 0.465 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019816.D

Acq: 10 Dec 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5225-120820DL

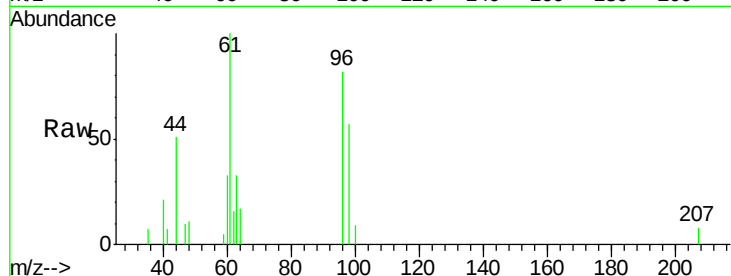
Tot Ion: 96 Resp: 1599

Ion Ratio Lower Upper

96 100

61 121.6 107.7 161.5

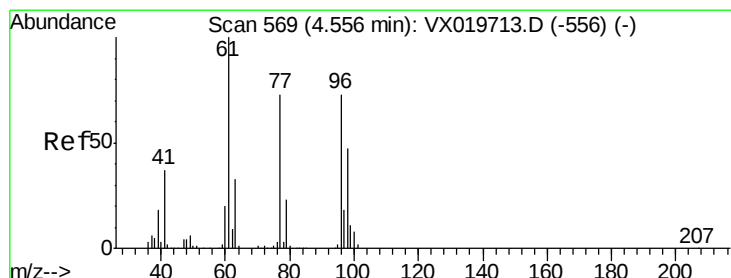
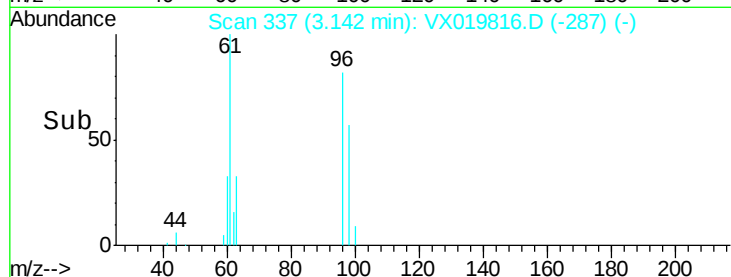
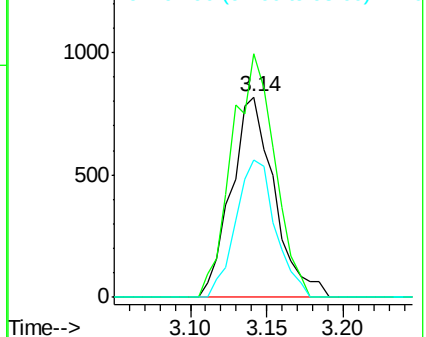
98 68.8 50.4 75.6



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: 13.637 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019816.D

Acq: 10 Dec 2020 11:38

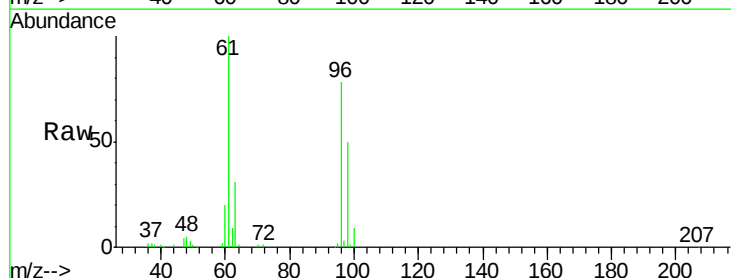
Tgt Ion: 96 Resp: 54912

Ion Ratio Lower Upper

96 100

61 126.6 0.0 285.6

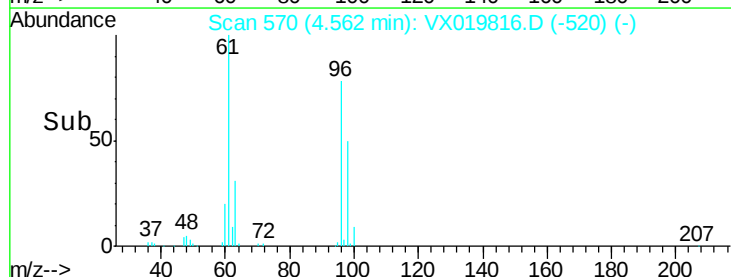
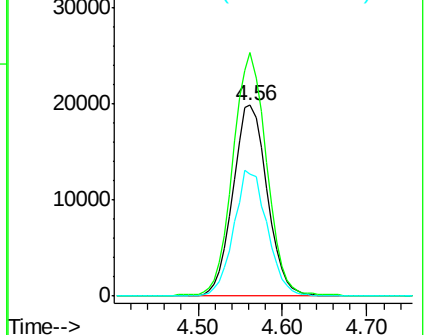
98 64.2 0.0 129.6

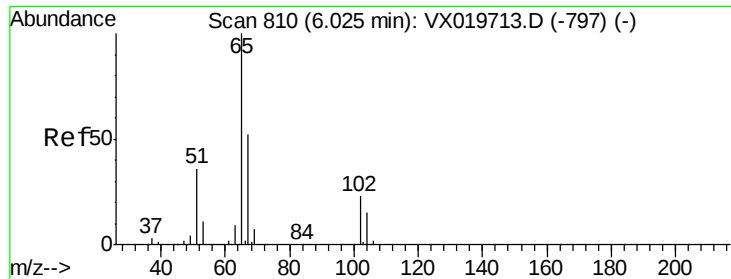


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

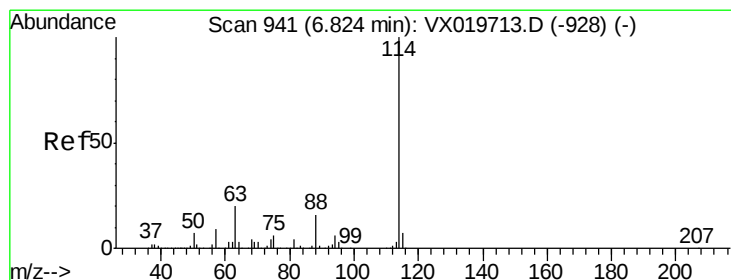
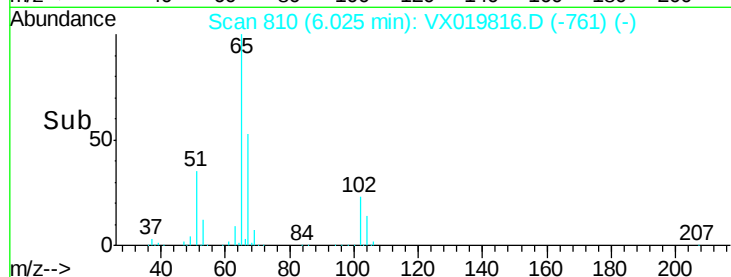
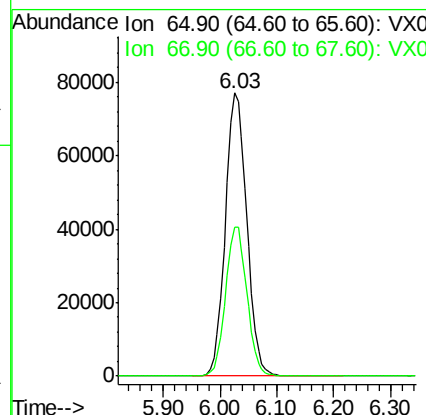
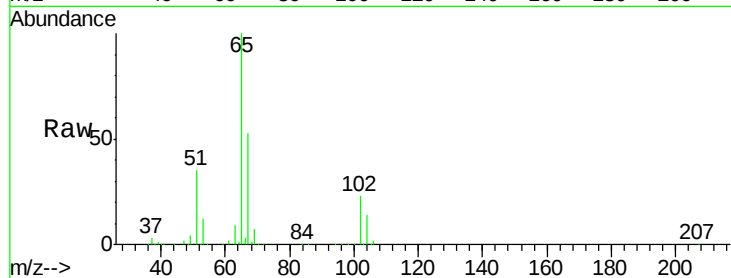




#33
 1,2-Dichloroethane-d4
 Concen: 47.770 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019816.D
 Acq: 10 Dec 2020 11:38

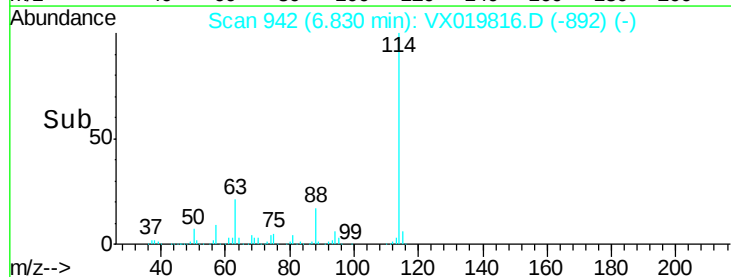
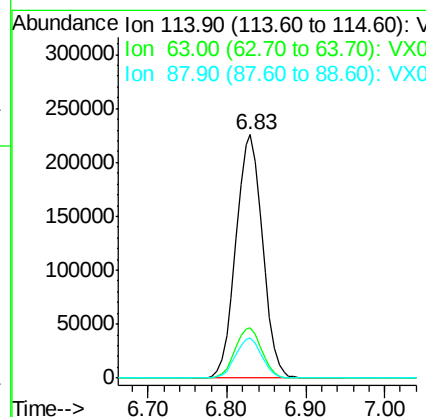
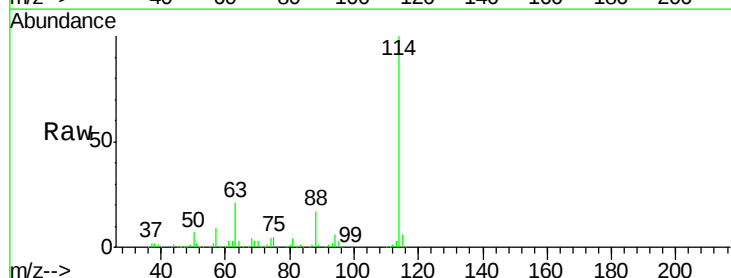
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5225-120820DL

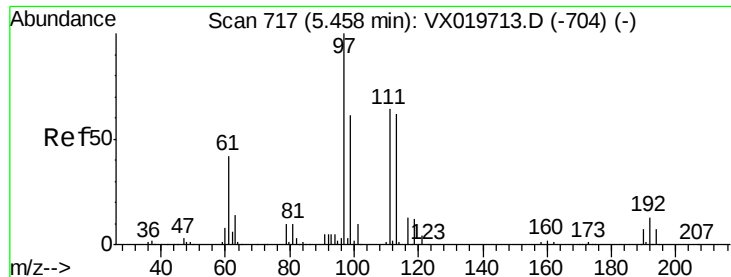
Tot Ion: 65 Resp: 202239
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019816.D
 Acq: 10 Dec 2020 11:38

Tgt Ion: 114 Resp: 531787
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.7 0.0 32.8

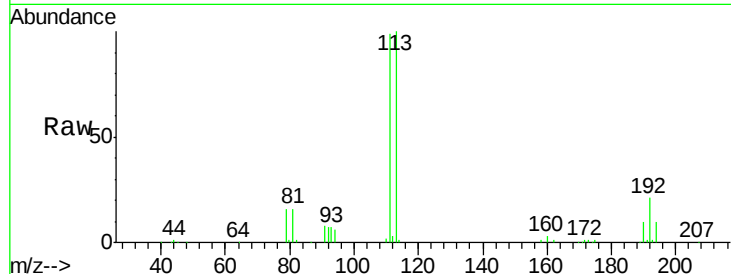




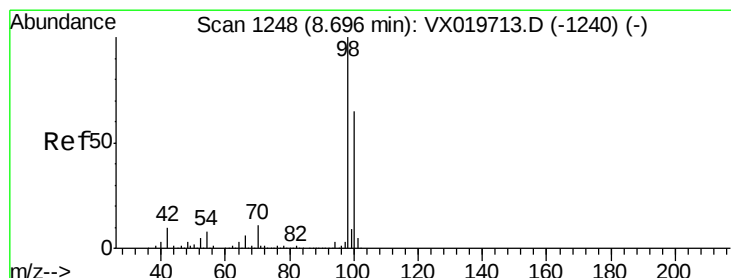
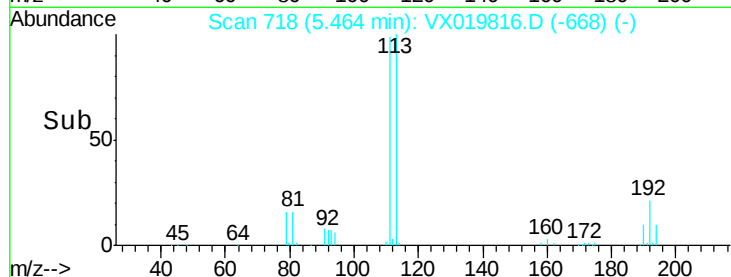
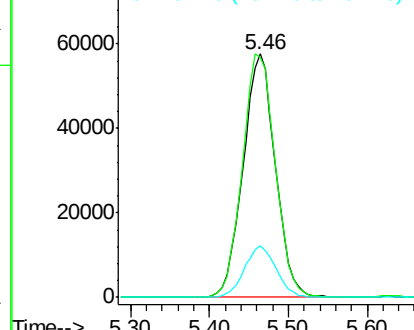
#35
Dibromofluoromethane
Concen: 47.579 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019816.D
Acq: 10 Dec 2020 11:38

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

Tot Ion:113 Resp: 163524
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.8 16.7 25.1

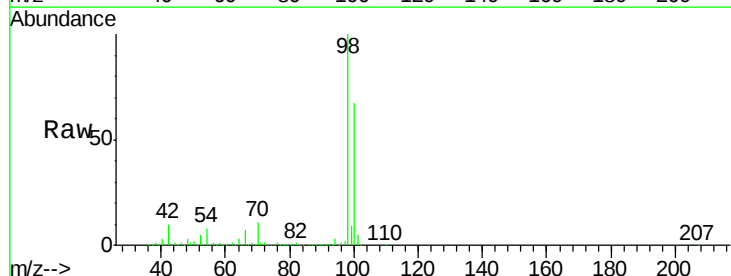


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

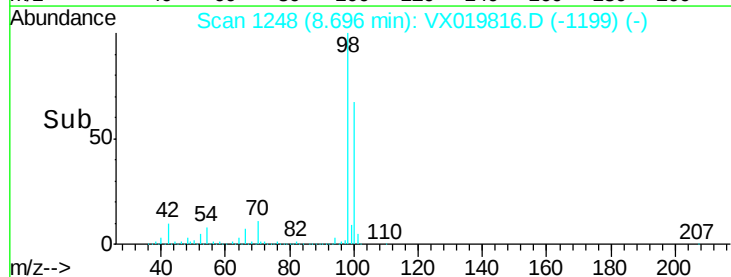
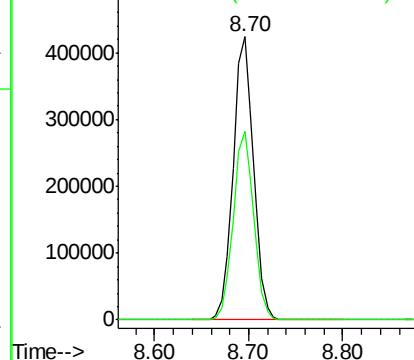


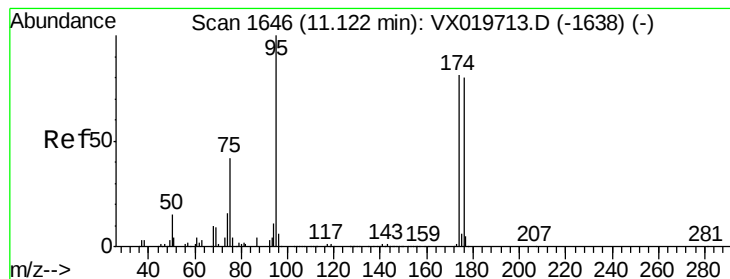
#50
Toluene-d8
Concen: 48.521 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019816.D
Acq: 10 Dec 2020 11:38

Tgt Ion: 98 Resp: 636649
Ion Ratio Lower Upper
98 100
100 66.6 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: 44.999 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019816.D

Acq: 10 Dec 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5225-120820DL

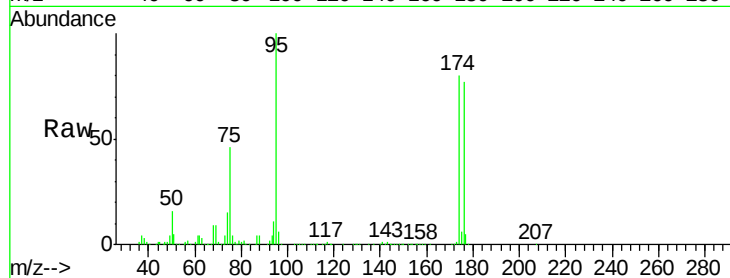
Tot Ion: 95 Resp: 224728

Ion Ratio Lower Upper

95 100

174 78.9 0.0 154.6

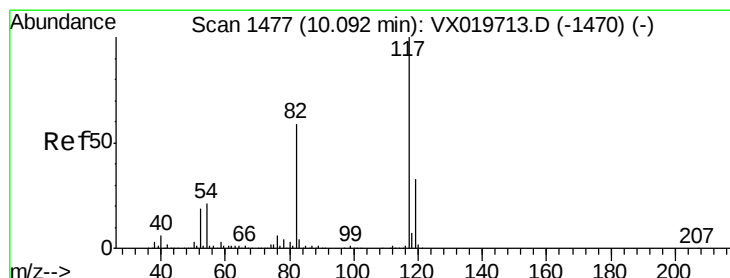
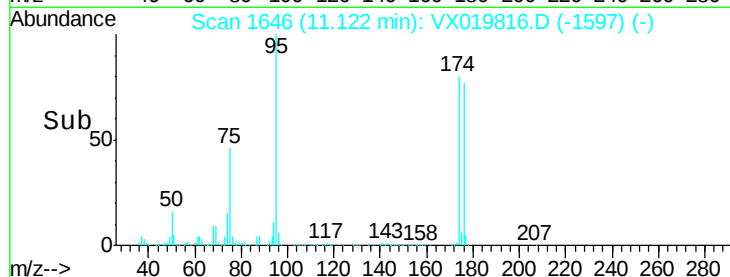
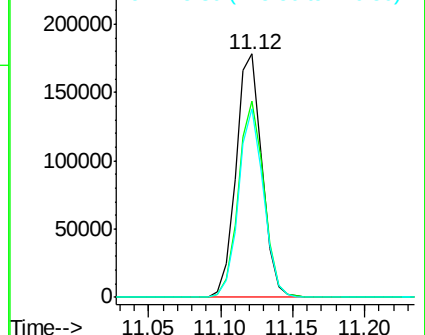
176 74.8 0.0 155.8



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: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019816.D

Acq: 10 Dec 2020 11:38

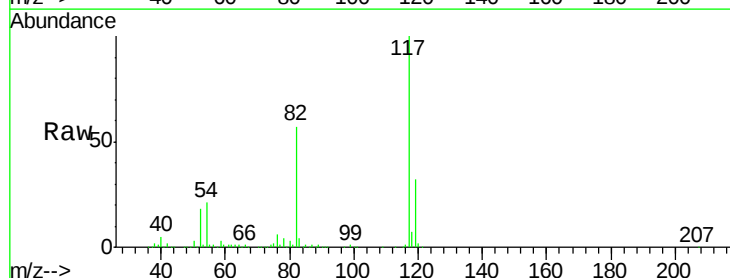
Tgt Ion: 117 Resp: 478457

Ion Ratio Lower Upper

117 100

82 56.9 47.4 71.2

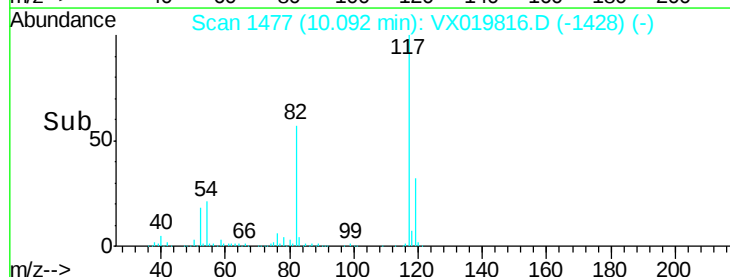
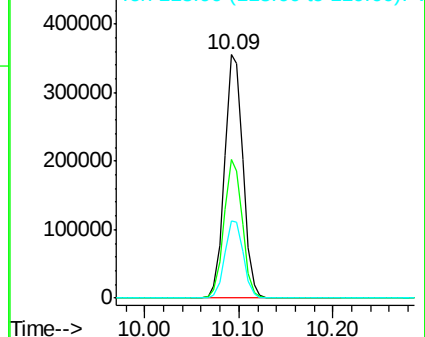
119 31.8 26.6 39.8

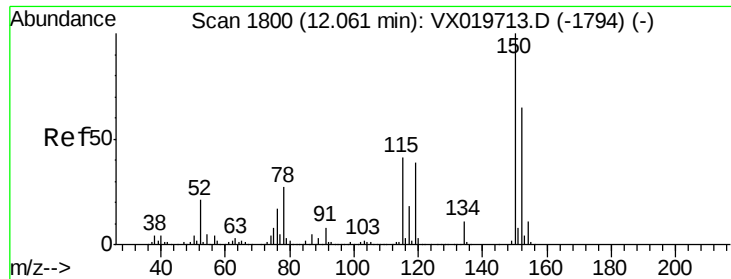


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019816.D

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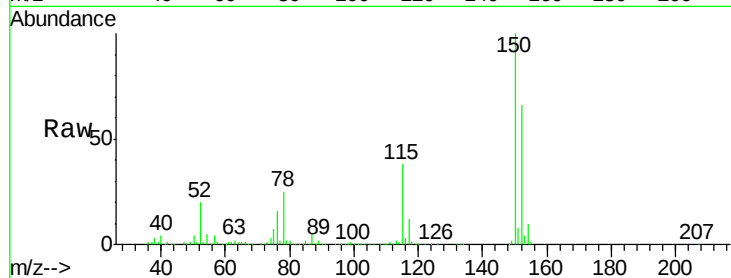
Tot Ion:152 Resp: 209981

Ion Ratio Lower Upper

152 100

115 58.9 41.1 123.3

150 155.4 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

