

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019528.D
 Acq On : 21 Nov 2020 05:31
 Operator : JC/MD
 Sample : L4826-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2020-WW-000-04

Quant Time: Nov 21 08:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	342401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	551949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	476759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219315	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	201302	45.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.68%
35) Dibromofluoromethane	5.46	113	163637	47.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.46%
50) Toluene-d8	8.70	98	650368	48.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.62%
62) 4-Bromofluorobenzene	11.12	95	232625	48.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.06%

Target Compounds

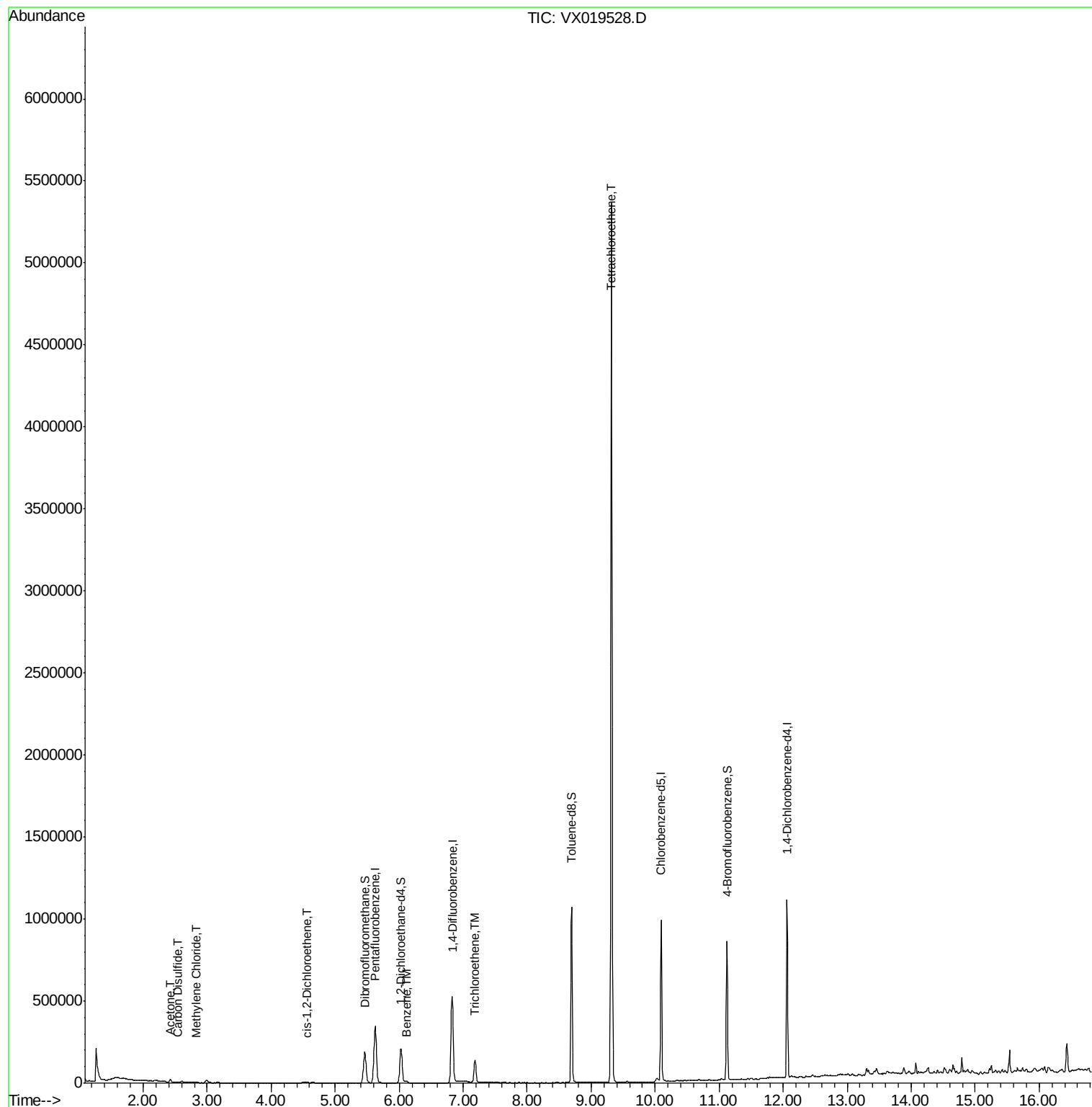
					Qvalue
16) Acetone	2.43	43	18724	10.906	ug/l 94
17) Carbon Disulfide	2.54	76	3366	0.369	ug/l 98
20) Methylene Chloride	2.84	84	1502	0.350	ug/l # 78
27) cis-1,2-Dichloroethene	4.56	96	1795	0.406	ug/l # 21
40) Benzene	6.11	78	10826	0.681	ug/l 92
44) Trichloroethene	7.18	130	49130	11.797	ug/l 94
64) Tetrachloroethene	9.32	164	1019137	271.946	ug/l 95

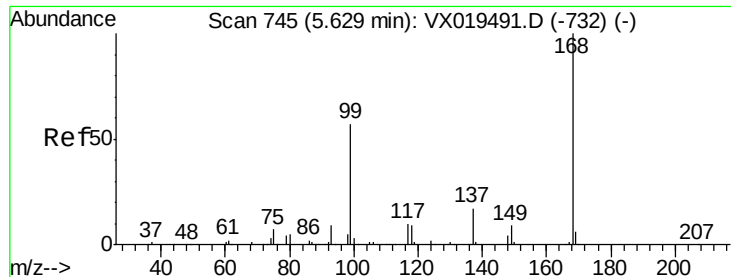
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 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: VX019528.D

Acq: 21 Nov 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

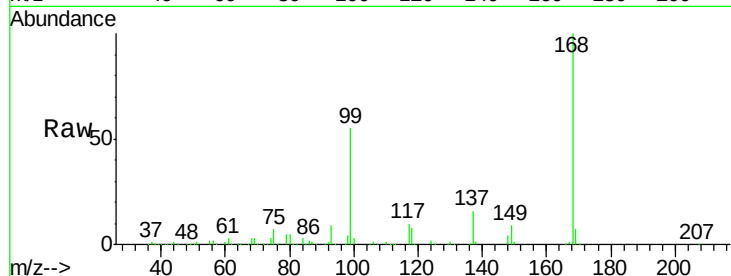
PB-2020-WW-000-04

Tot Ion:168 Resp: 342401

Ion Ratio Lower Upper

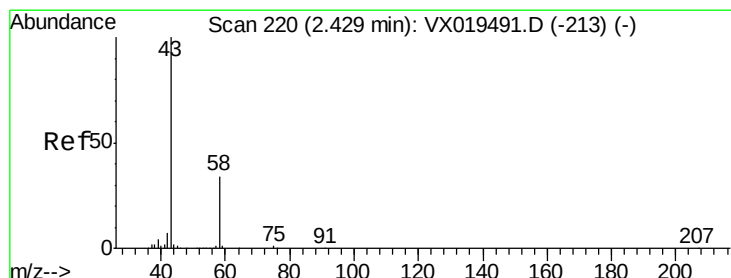
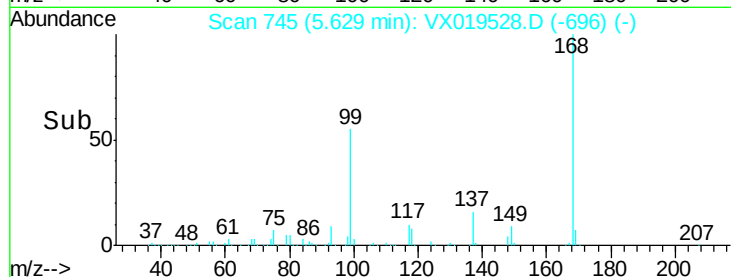
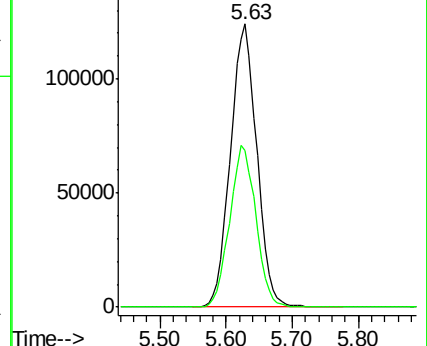
168 100

99 55.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.906 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019528.D

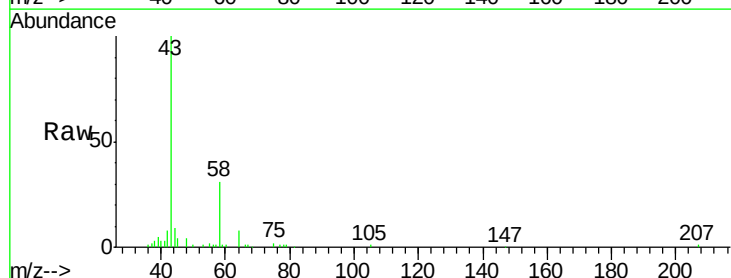
Acq: 21 Nov 2020 05:31

Tgt Ion: 43 Resp: 18724

Ion Ratio Lower Upper

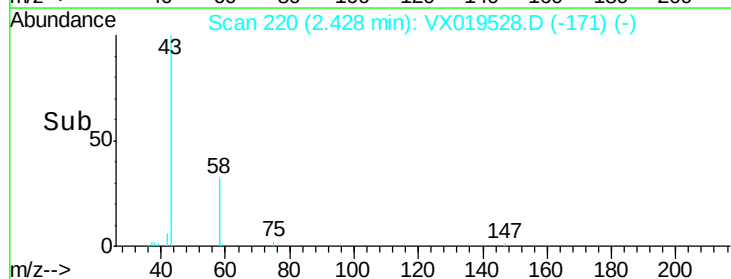
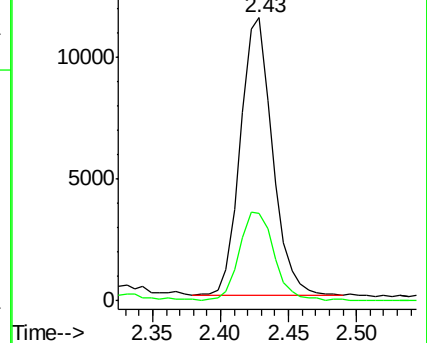
43 100

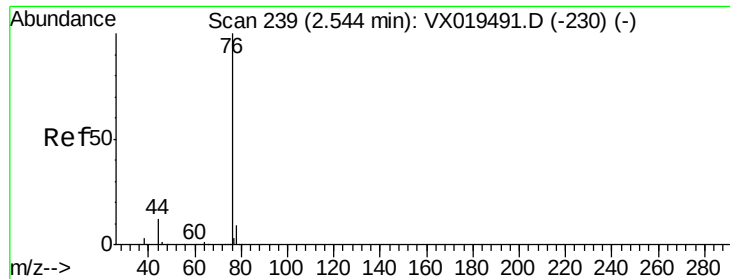
58 31.0 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.369 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019528.D

Acq: 21 Nov 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

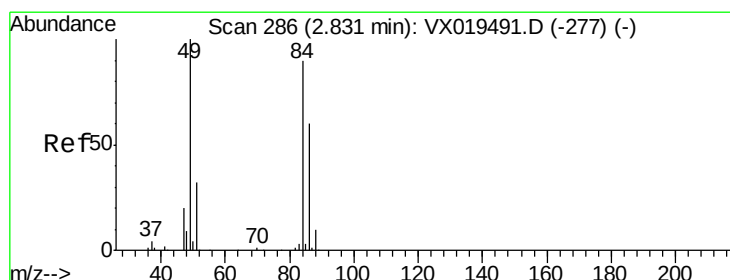
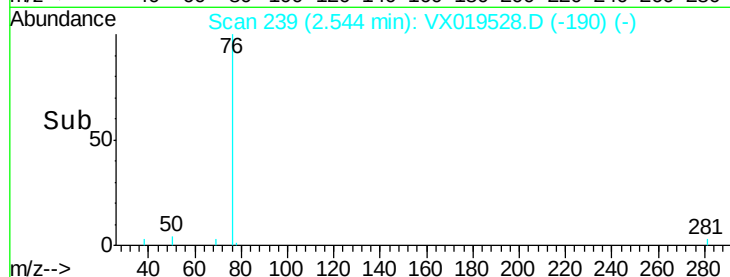
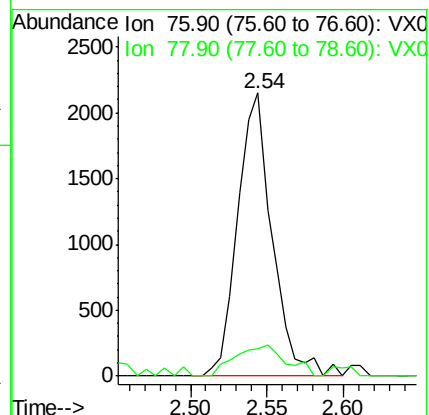
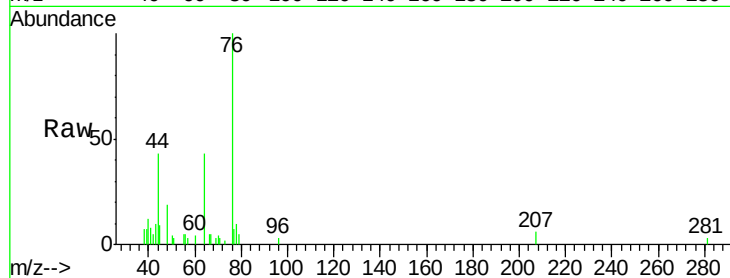
PB-2020-WW-000-04

Tot Ion: 76 Resp: 3366

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8



#20

Methylene Chloride

Concen: 0.350 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019528.D

Acq: 21 Nov 2020 05:31

Tgt Ion: 84 Resp: 1502

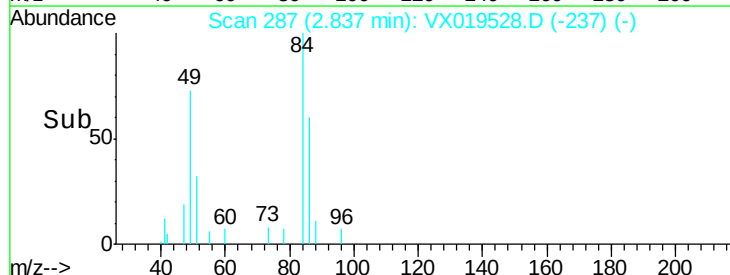
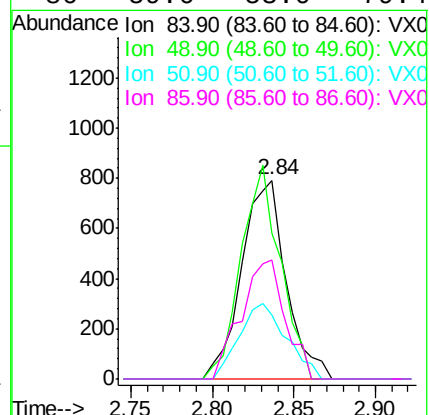
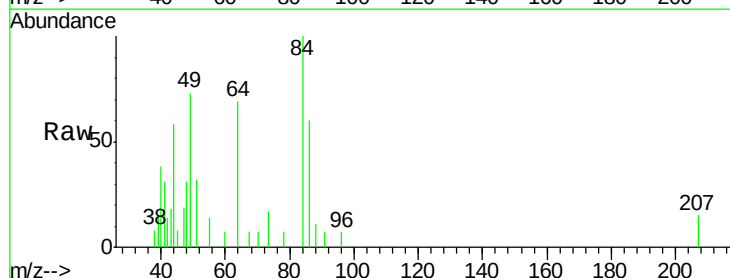
Ion Ratio Lower Upper

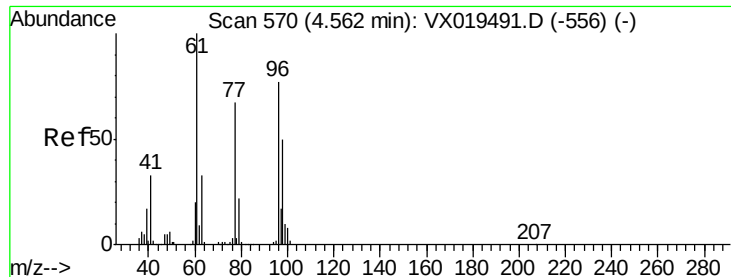
84 100

49 73.4 88.5 132.7#

51 32.2 28.0 42.0

86 59.6 53.0 79.4



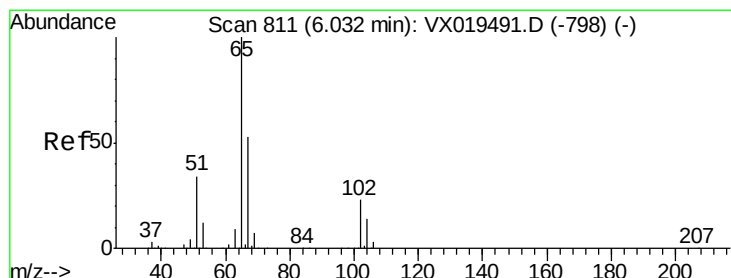
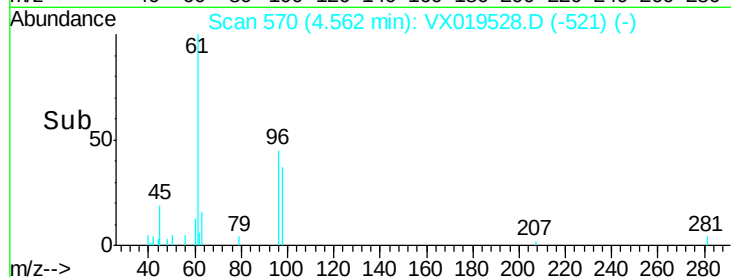
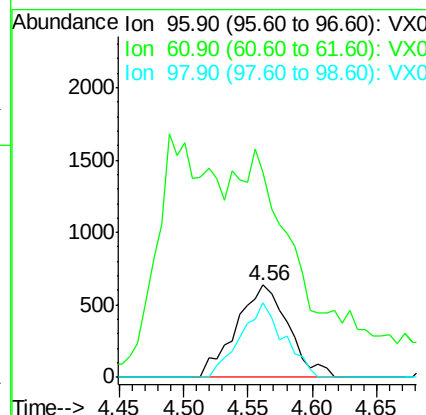
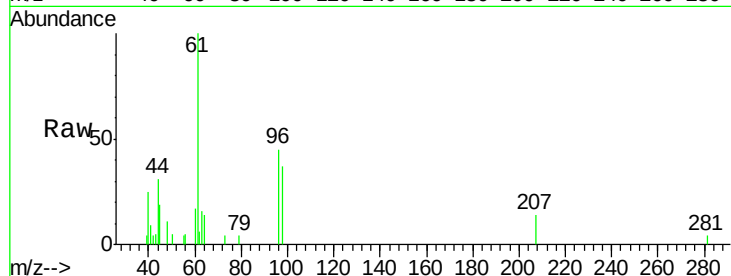


#27

cis-1,2-Dichloroethene
Concen: 0.406 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019528.D
Acq: 21 Nov 2020 05:31

Instrument :
MSVOA_X
ClientSampleId :
PB-2020-WW-000-04

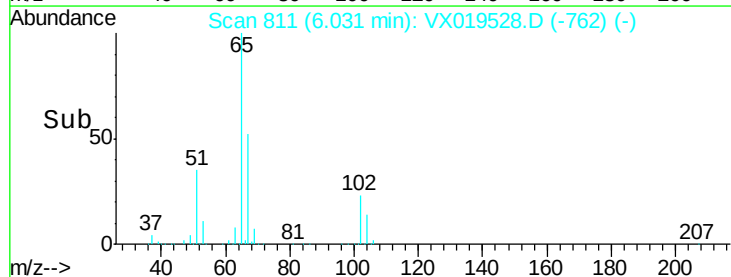
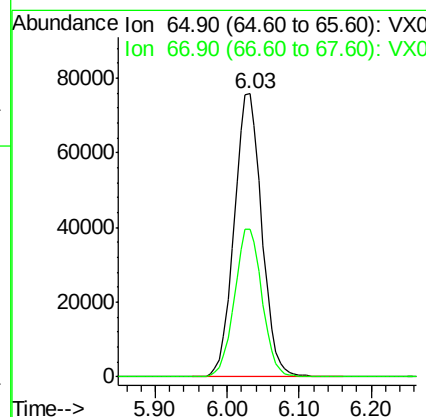
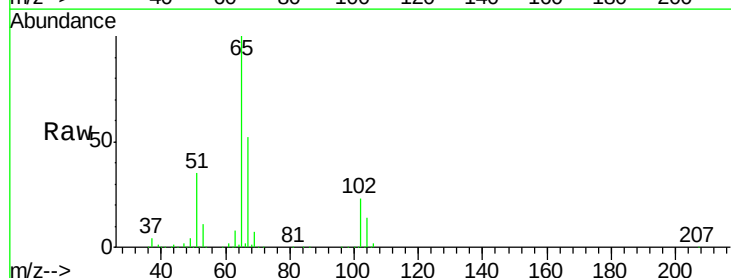
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	279.2
98	66.9	0.0	129.8

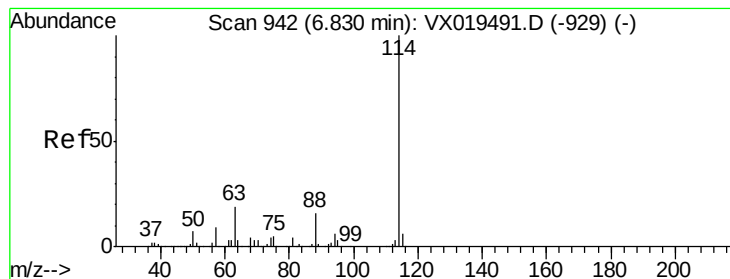


#33

1,2-Dichloroethane-d4
Concen: 45.343 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019528.D
Acq: 21 Nov 2020 05:31

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019528.D

Acq: 21 Nov 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WW-000-04

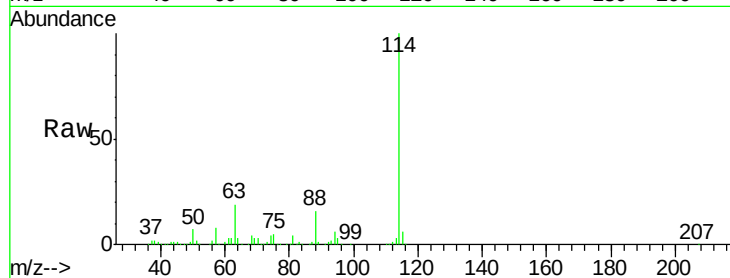
Tot Ion:114 Resp: 551949

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

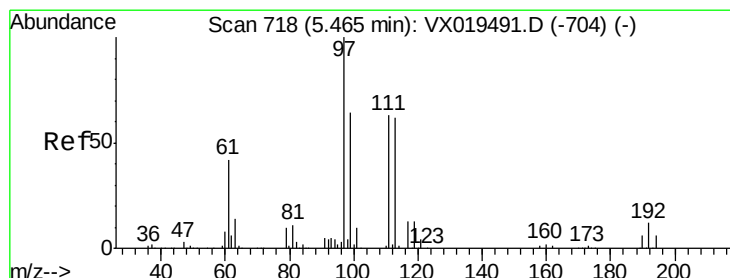
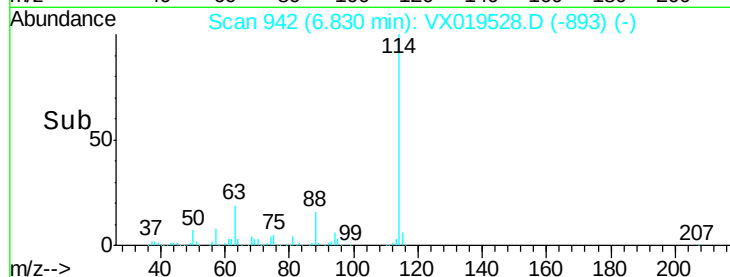
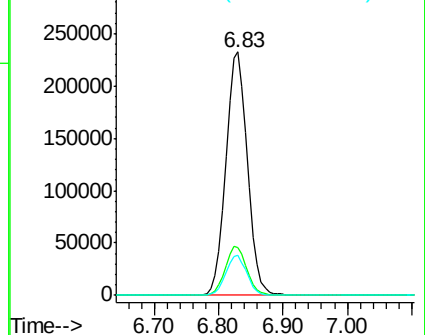
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.231 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019528.D

Acq: 21 Nov 2020 05:31

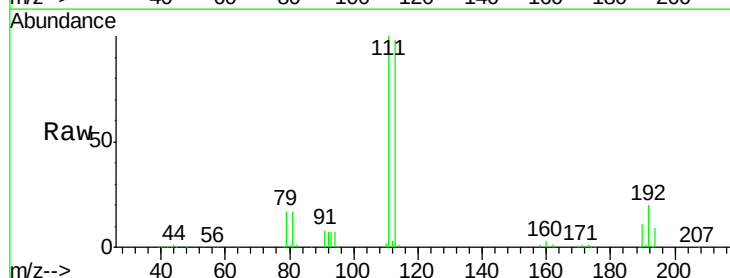
Tgt Ion:113 Resp: 163637

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

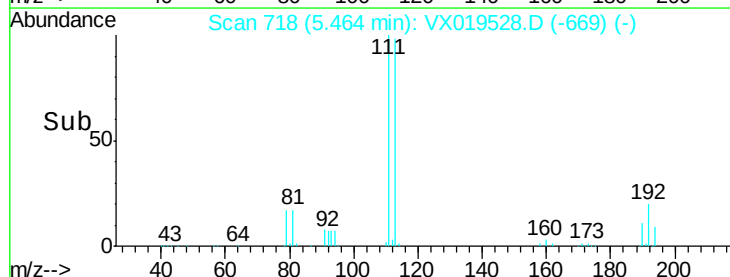
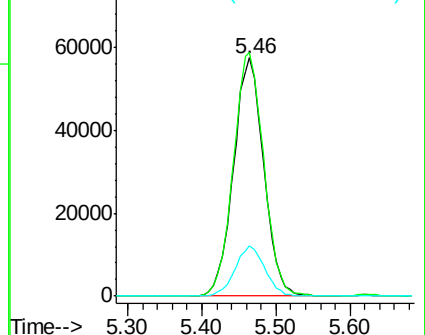
192 20.6 16.2 24.2

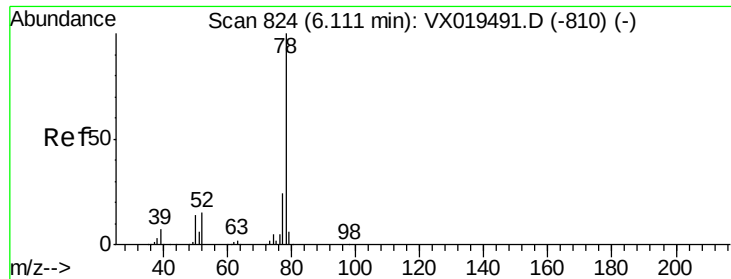


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.681 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX019528.D

Acq: 21 Nov 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

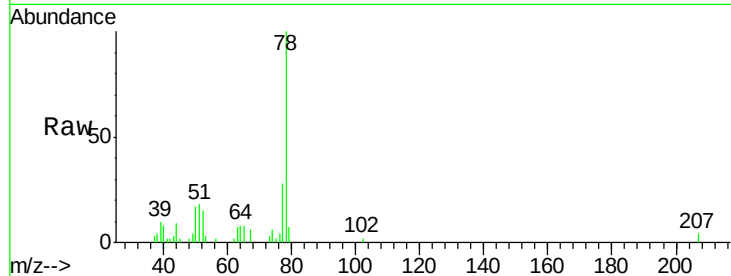
PB-2020-WW-000-04

Tot Ion: 78 Resp: 10826

Ion Ratio Lower Upper

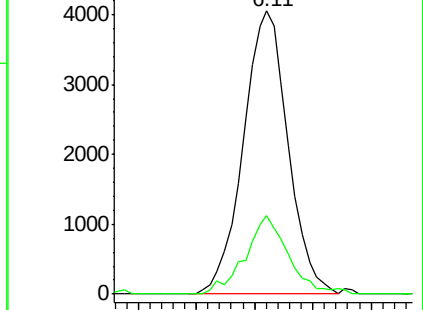
78 100

77 27.5 18.9 28.3

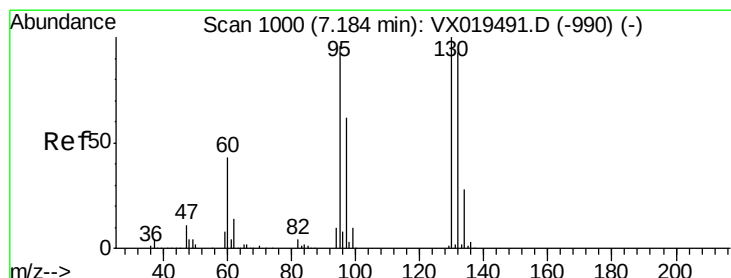
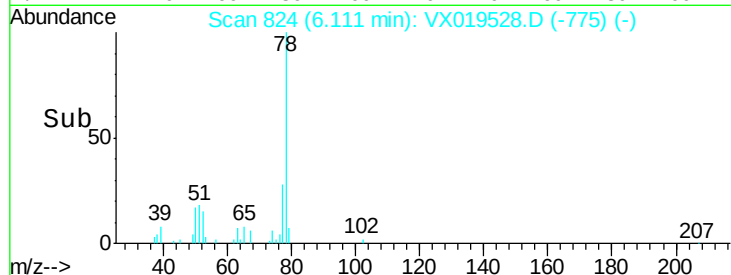


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#44

Trichloroethene

Concen: 11.797 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019528.D

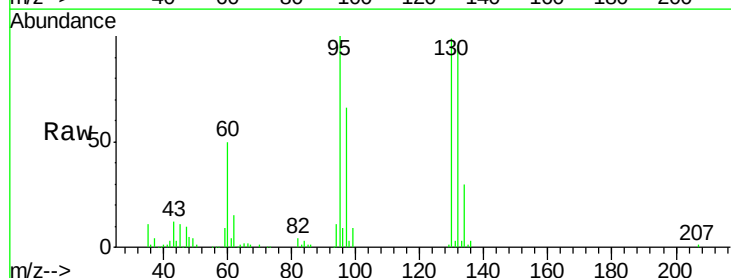
Acq: 21 Nov 2020 05:31

Tgt Ion:130 Resp: 49130

Ion Ratio Lower Upper

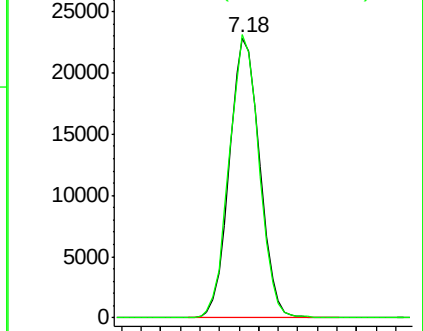
130 100

95 101.1 0.0 191.2

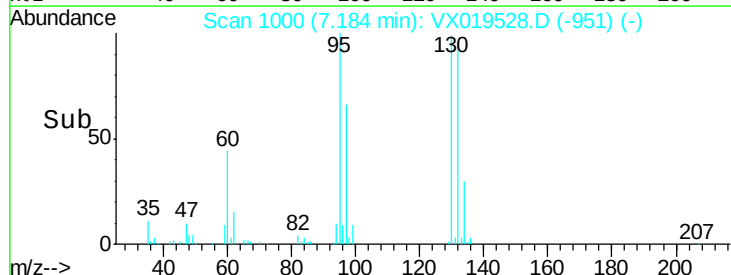


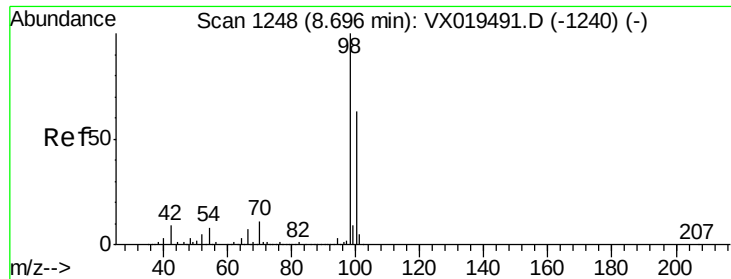
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->

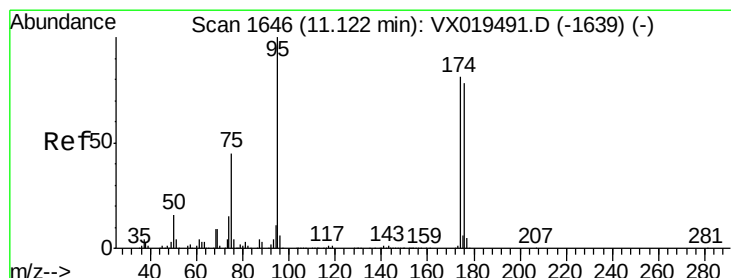
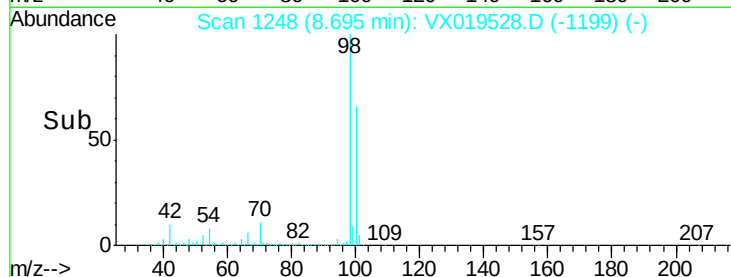
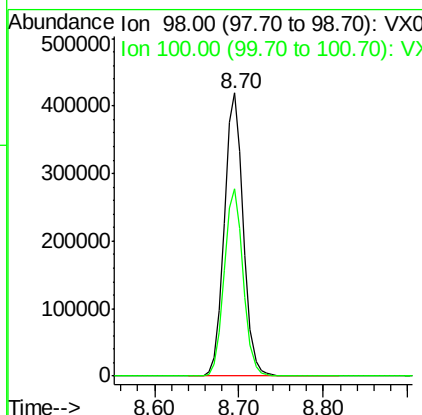
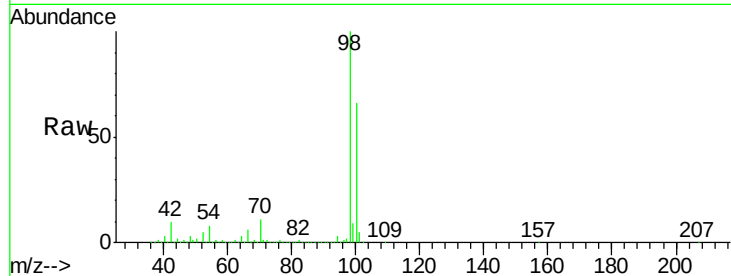




#50
Toluene-d8
Concen: 48.308 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019528.D
Acq: 21 Nov 2020 05:31

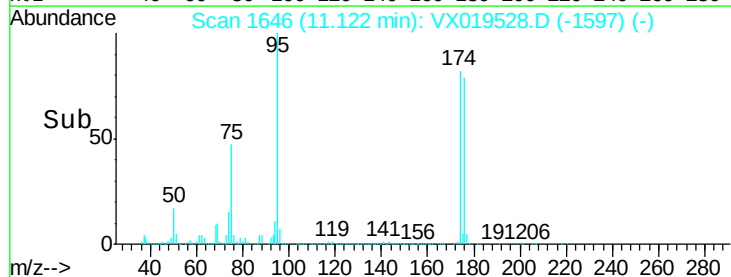
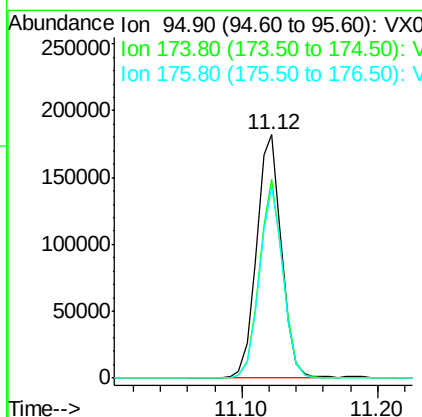
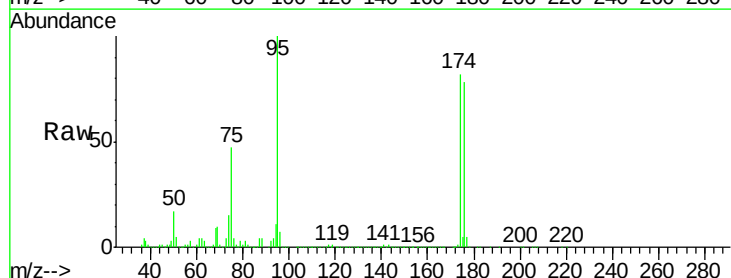
Instrument :
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PB-2020-WW-000-04

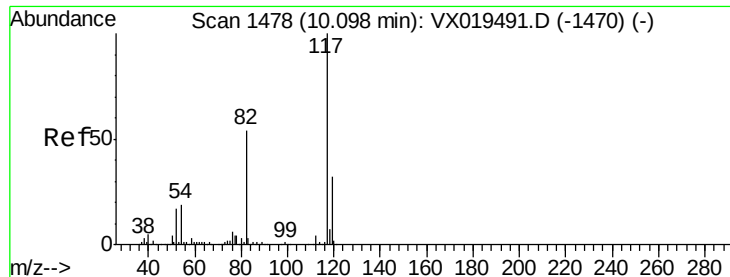
Tot Ion: 98 Resp: 650368
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.025 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019528.D
Acq: 21 Nov 2020 05:31

Tgt Ion: 95 Resp: 232625
Ion Ratio Lower Upper
95 100
174 77.6 0.0 156.2
176 74.9 0.0 151.4

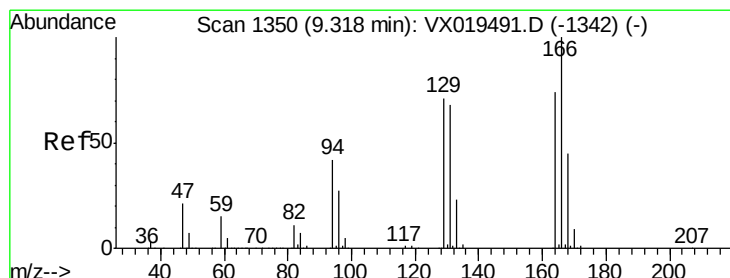
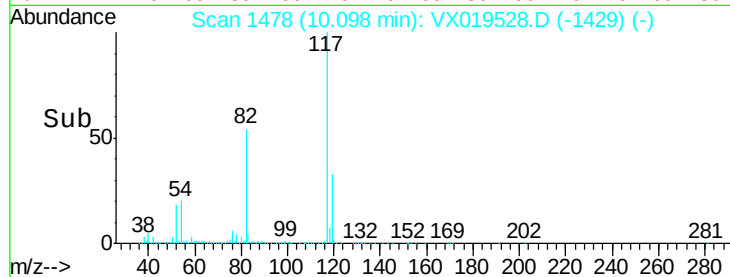
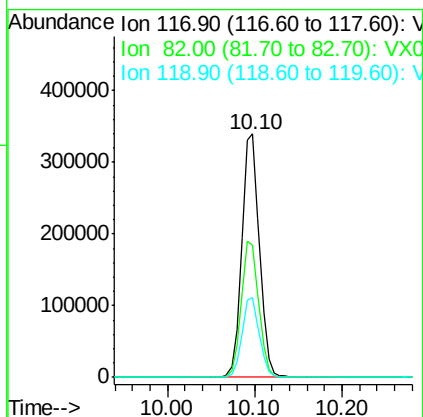
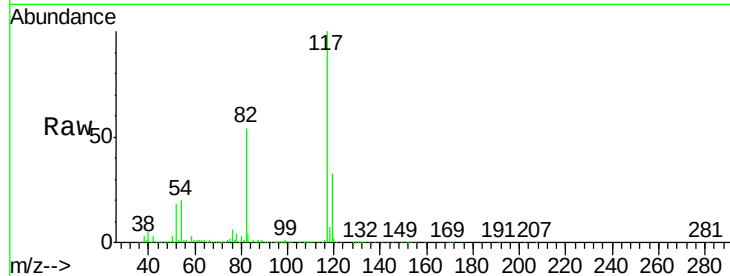




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019528.D
Acq: 21 Nov 2020 05:31

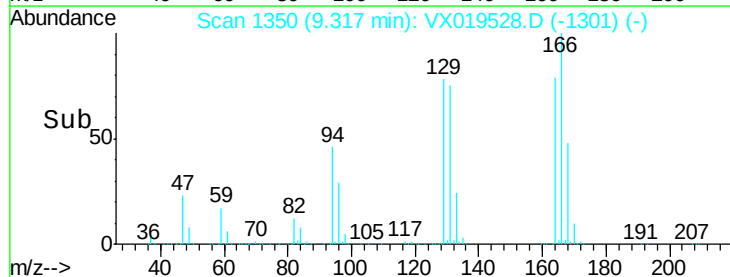
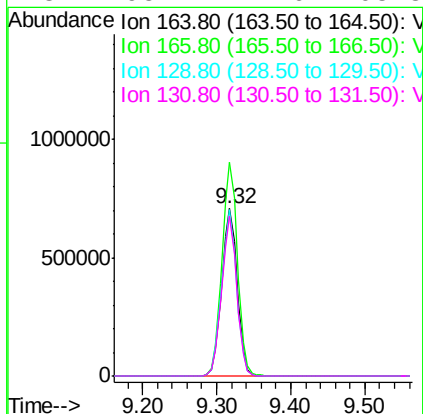
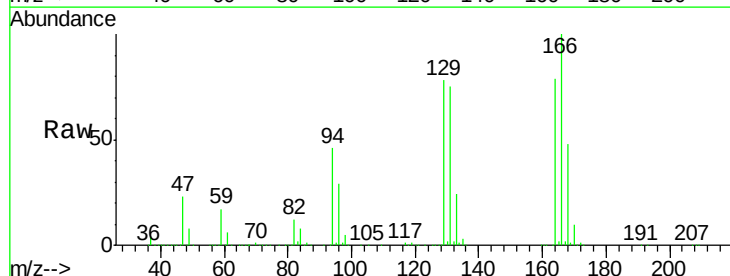
Instrument :
MSVOA_X
ClientSampleId :
PB-2020-WW-000-04

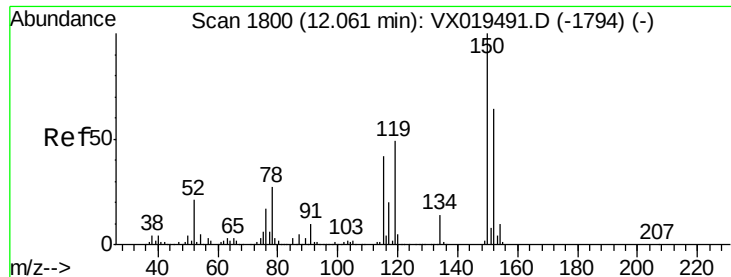
Tot Ion:117 Resp: 476759
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 271.946 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019528.D
Acq: 21 Nov 2020 05:31

Tgt Ion:164 Resp: 1019137
Ion Ratio Lower Upper
164 100
166 127.4 107.4 161.0
129 99.3 76.6 114.8
131 95.1 72.6 108.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019528.D

Acq: 21 Nov 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

PB-2020-WW-000-04

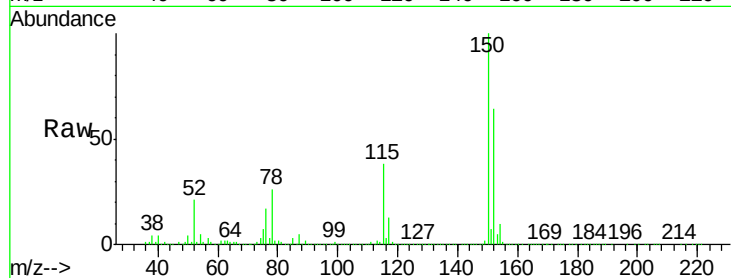
Tot Ion:152 Resp: 219315

Ion Ratio Lower Upper

152 100

115 60.2 41.8 125.4

150 158.6 0.0 348.2



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

