

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019345.D
 Acq On : 06 Nov 2020 16:28
 Operator : JC/MD
 Sample : L4662-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-378-380

Quant Time: Nov 07 02:35:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	522706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	493985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249046	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	208991	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
35) Dibromofluoromethane	5.46	113	161811	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
50) Toluene-d8	8.70	98	646820	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.12	95	248511	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	

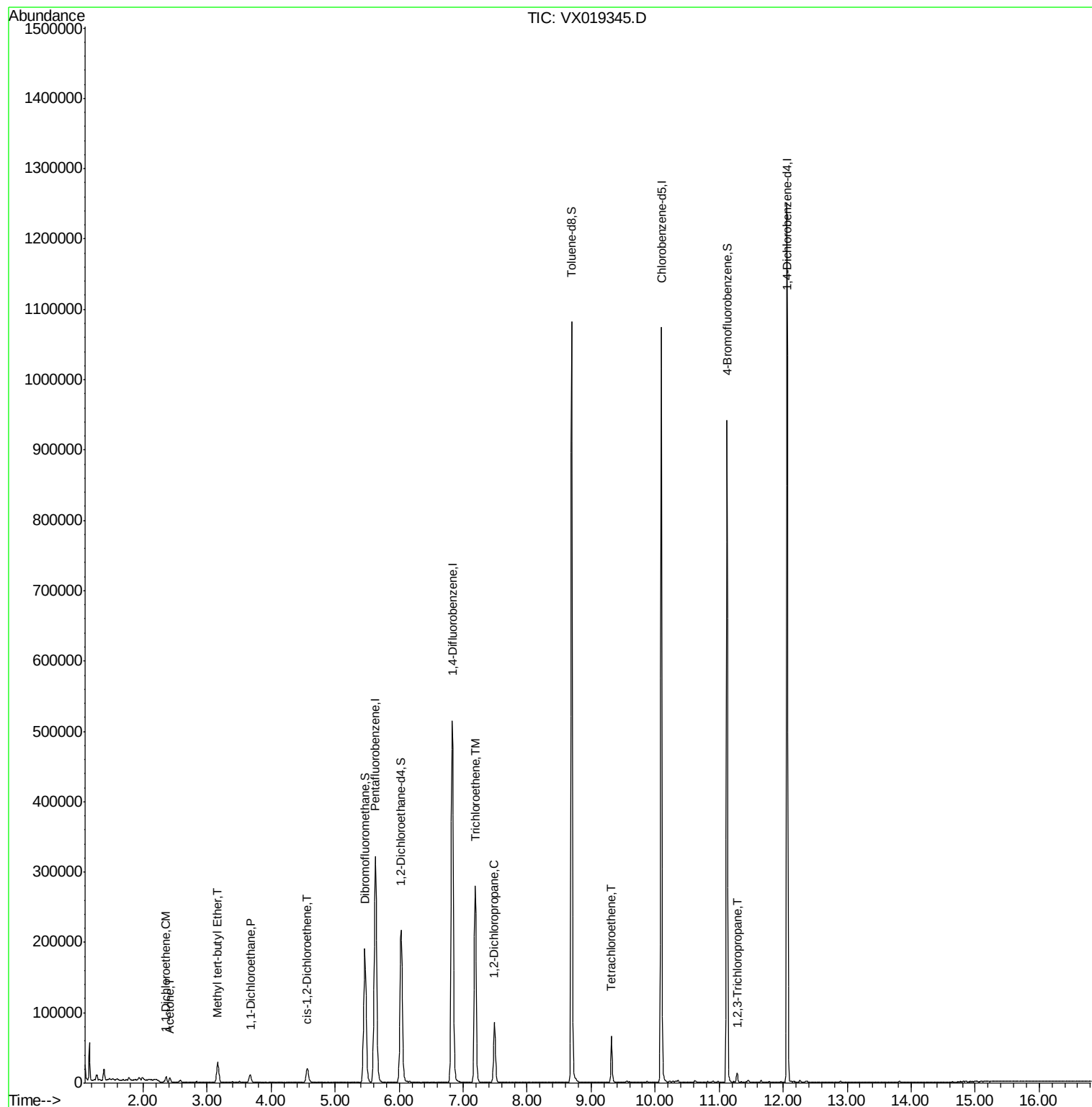
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	2656	0.909	ug/l	86
16) Acetone	2.42	43	6807	5.076	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	33045	3.265	ug/l	97
24) 1,1-Dichloroethane	3.68	63	12879	2.338	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	12708	3.383	ug/l	92
44) Trichloroethene	7.19	130	106514	27.176	ug/l	93
45) 1,2-Dichloropropane	7.49	63	33852	10.099	ug/l	99
64) Tetrachloroethene	9.32	164	12014	3.192	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	4437	0.863	ug/l	84

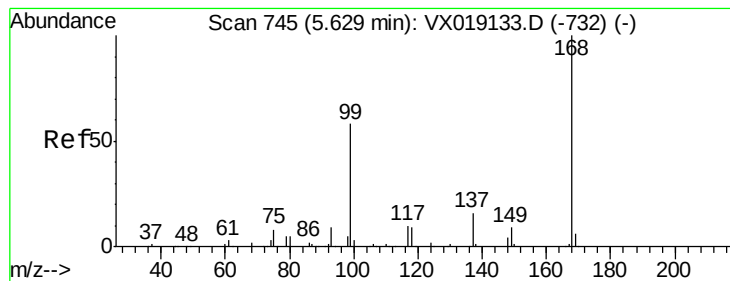
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019345.D

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Instrument :

MSVOA_X

ClientSampleId :

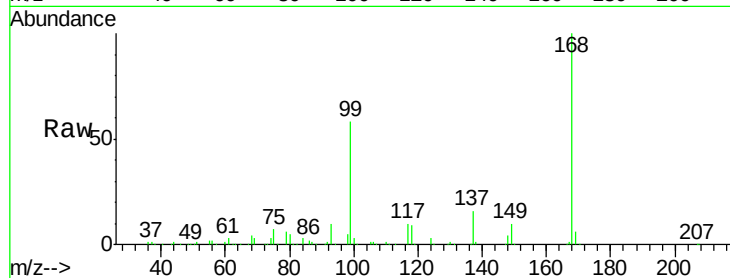
BP-VPB178-GW-378-380

Tot Ion:168 Resp: 301407

Ion Ratio Lower Upper

168 100

99 57.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

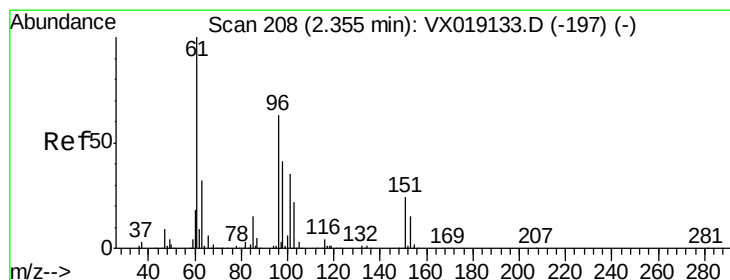
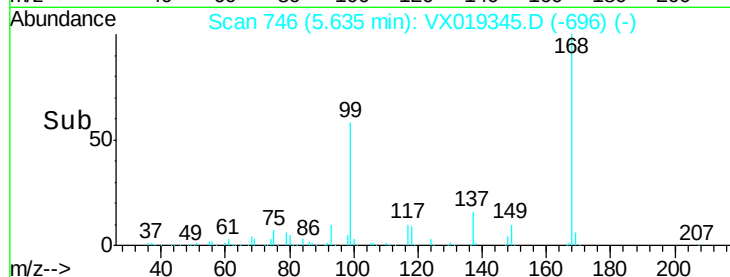
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.909 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019345.D

Acq: 06 Nov 2020 16:28

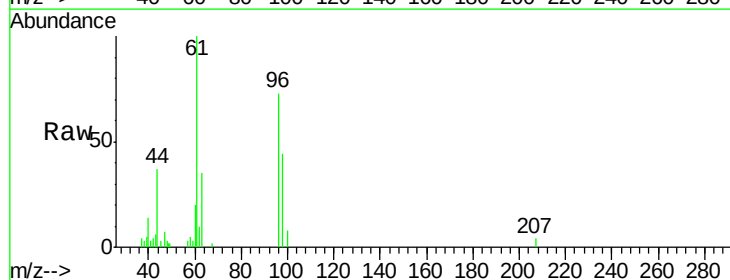
Tgt Ion: 96 Resp: 2656

Ion Ratio Lower Upper

96 100

61 137.3 127.7 191.5

98 59.9 52.1 78.1



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

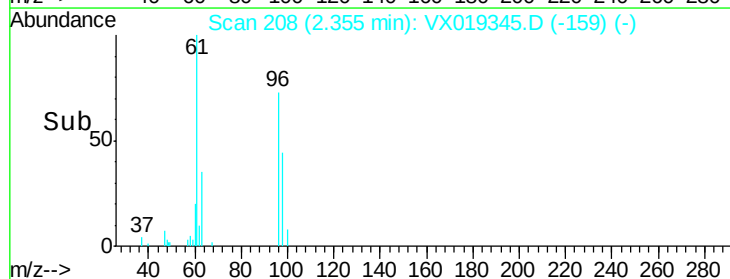
3000

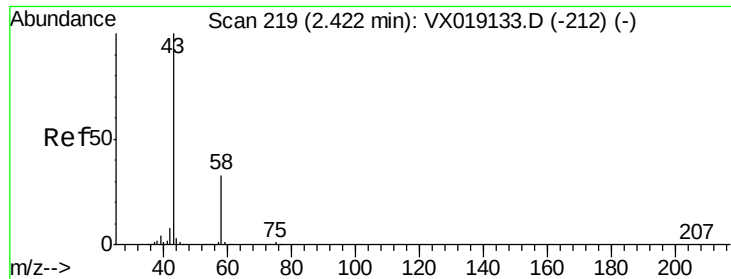
2000

1000

0

Time-->





#16

Acetone

Concen: 5.076 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019345.D

Acq: 06 Nov 2020 16:28

Instrument :

MSVOA_X

ClientSampleId :

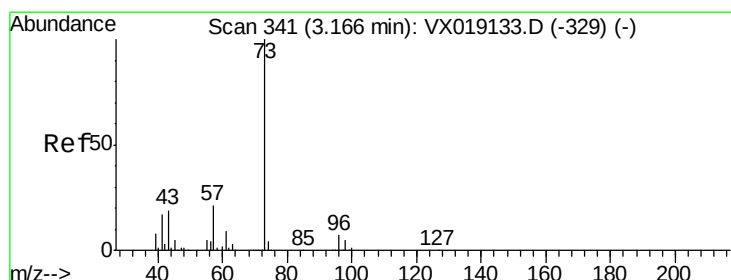
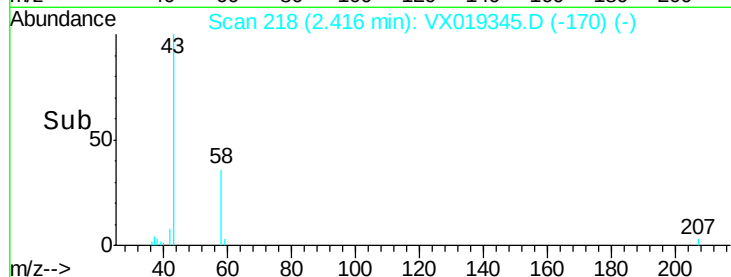
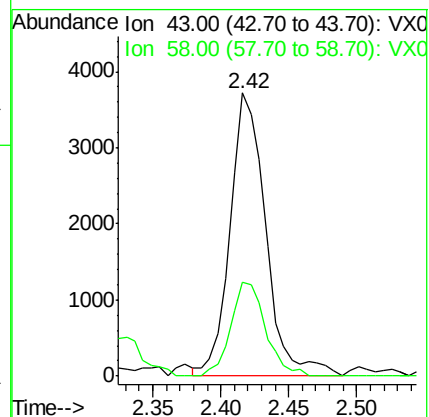
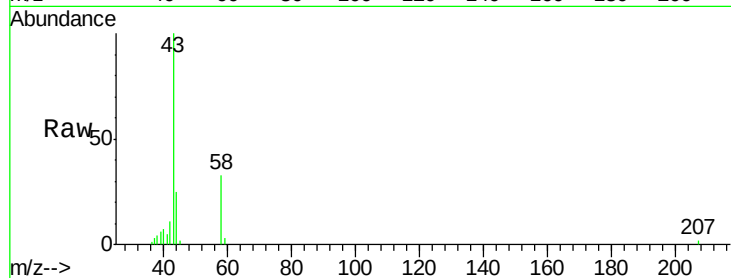
BP-VPB178-GW-378-380

Tot Ion: 43 Resp: 6807

Ion Ratio Lower Upper

43 100

58 33.3 26.3 39.5



#19

Methyl tert-butyl Ether

Concen: 3.265 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019345.D

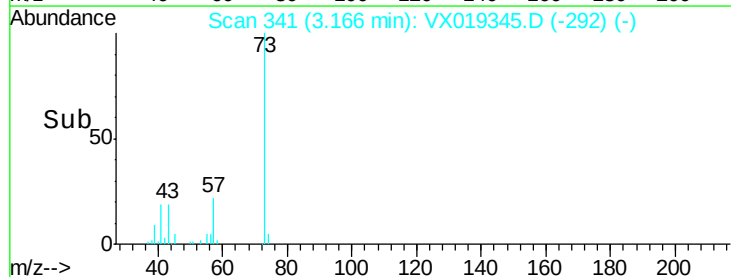
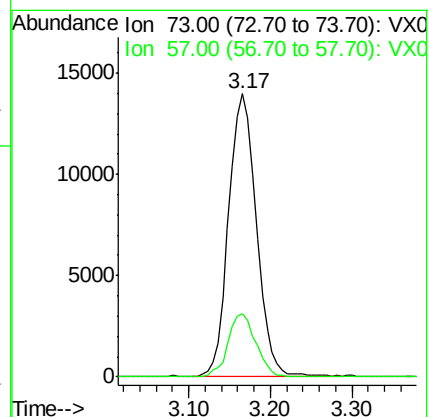
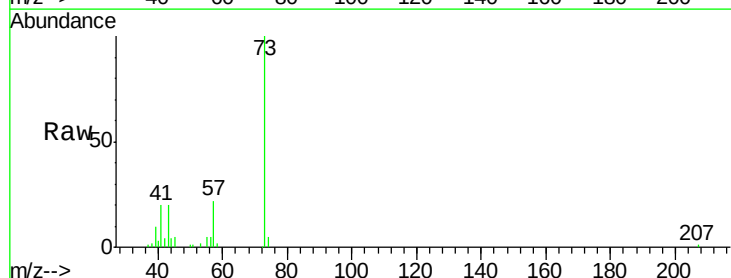
Acq: 06 Nov 2020 16:28

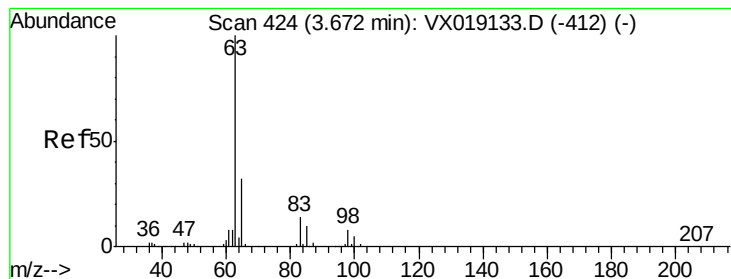
Tgt Ion: 73 Resp: 33045

Ion Ratio Lower Upper

73 100

57 22.4 16.6 25.0





#24

1,1-Dichloroethane

Concen: 2.338 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX019345.D

Acq: 06 Nov 2020 16:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-378-380

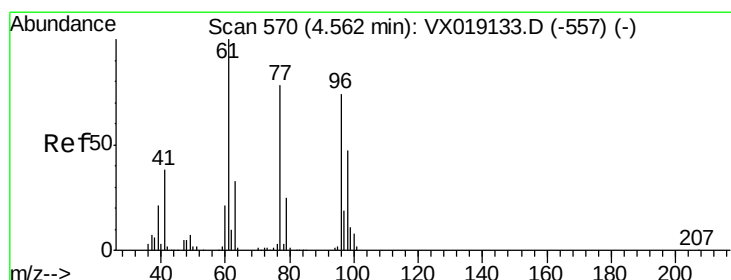
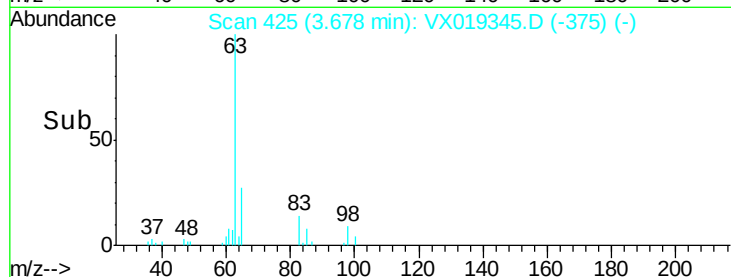
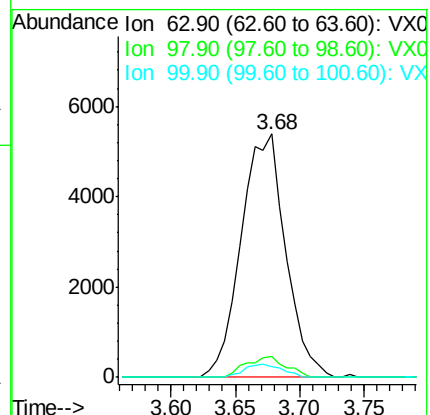
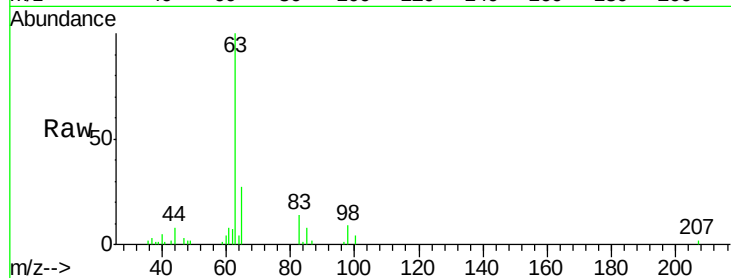
Tot Ion: 63 Resp: 12879

Ion Ratio Lower Upper

63 100

98 8.8 3.8 11.4

100 4.5 2.4 7.2



#27

cis-1,2-Dichloroethene

Concen: 3.383 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX019345.D

Acq: 06 Nov 2020 16:28

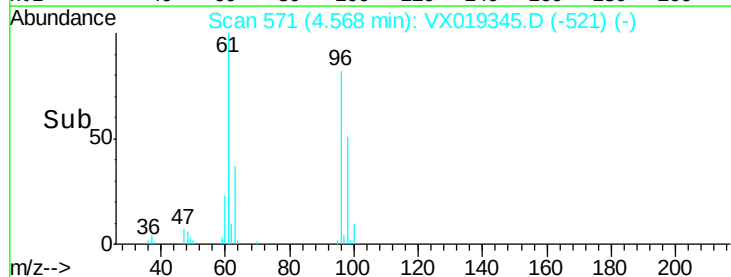
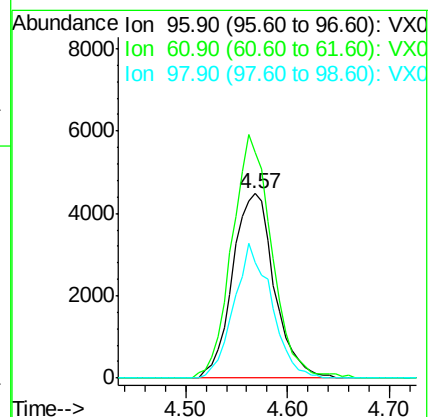
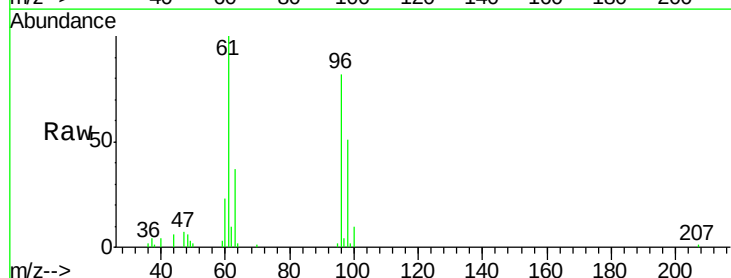
Tgt Ion: 96 Resp: 12708

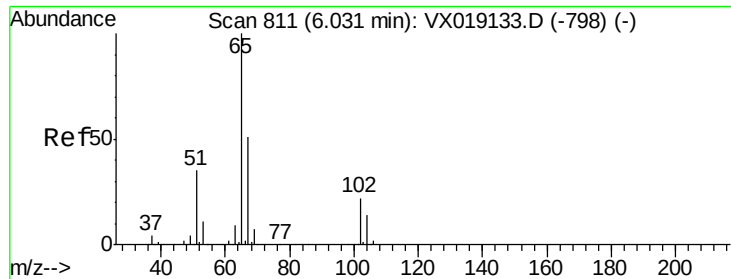
Ion Ratio Lower Upper

96 100

61 126.1 0.0 278.8

98 66.1 0.0 130.2

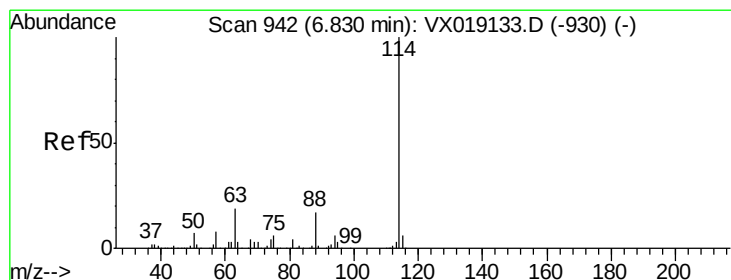
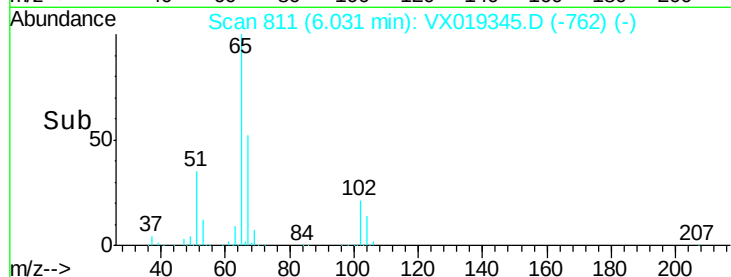
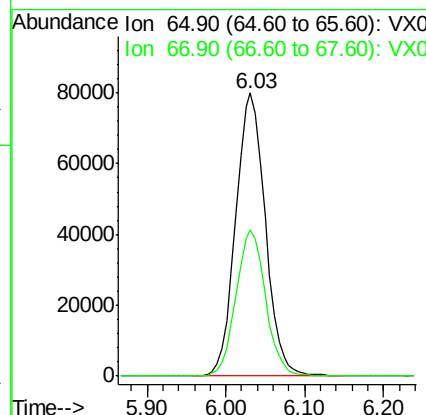
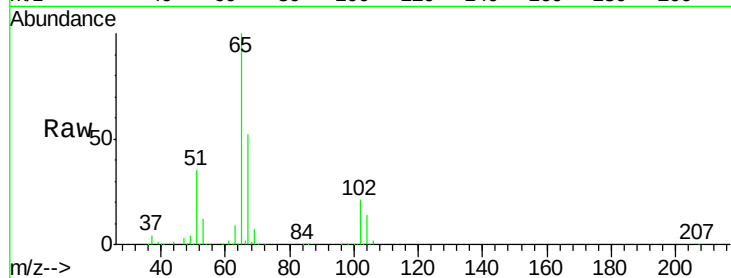




#33
 1,2-Dichloroethane-d4
 Concen: 53.766 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019345.D
 Acq: 06 Nov 2020 16:28

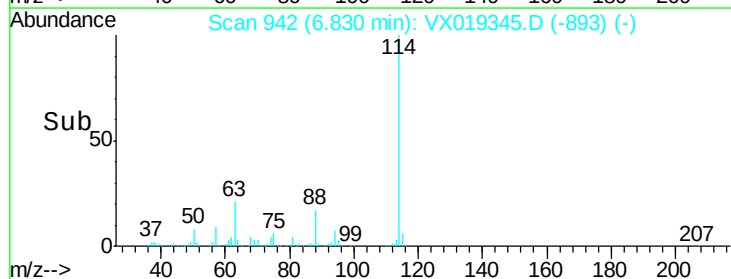
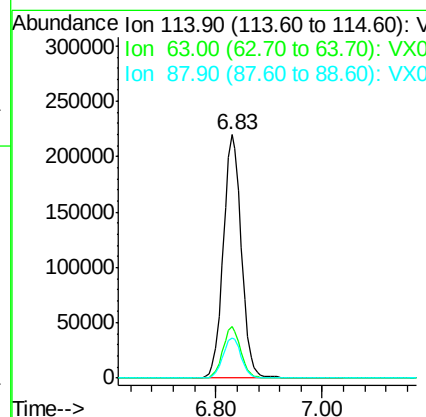
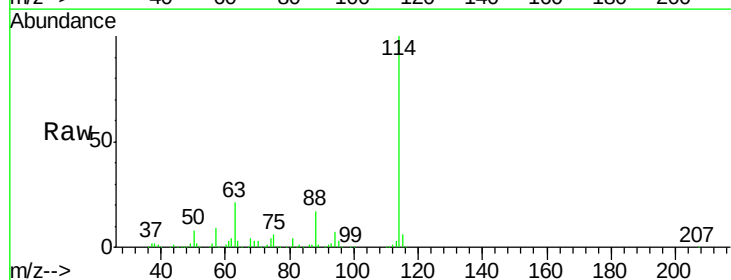
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-378-380

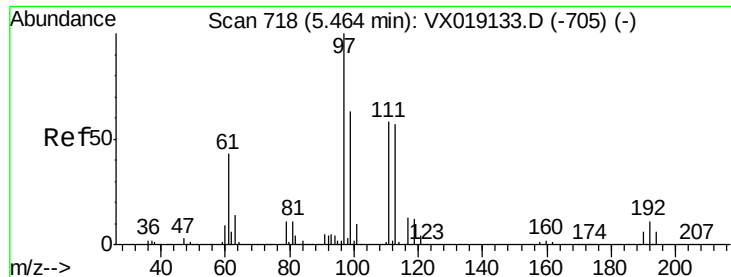
Tot Ion: 65 Resp: 208991
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019345.D
 Acq: 06 Nov 2020 16:28

Tgt Ion: 114 Resp: 522706
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 38.8
 88 16.7 0.0 34.2

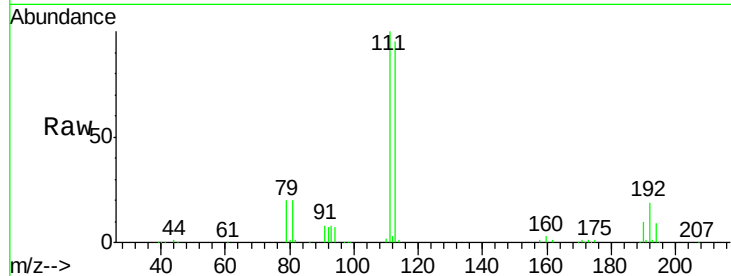




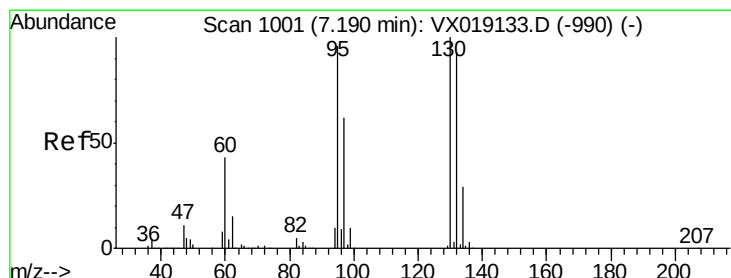
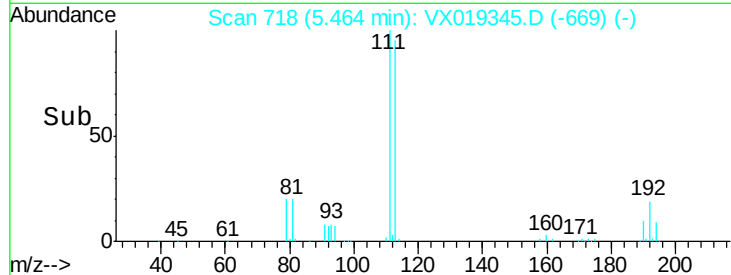
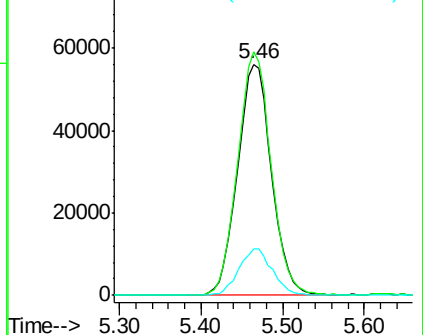
#35
 Dibromofluoromethane
 Concen: 49.283 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019345.D
 Acq: 06 Nov 2020 16:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-378-380

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	19.8	16.2	24.2

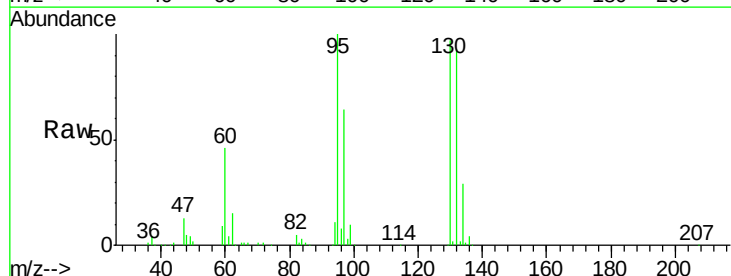


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

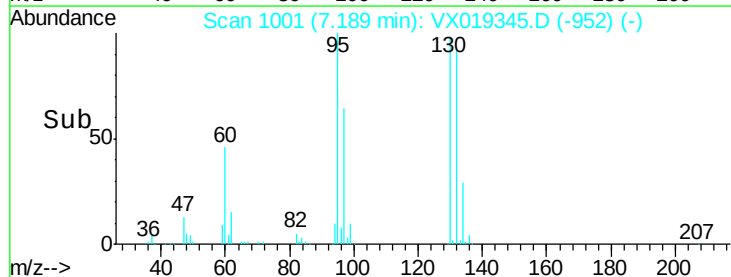
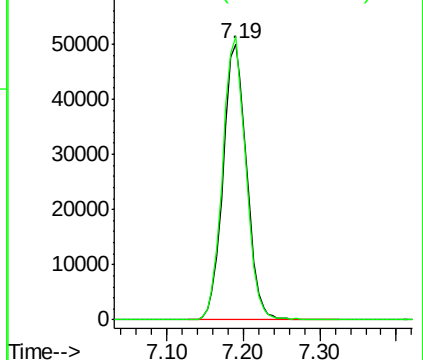


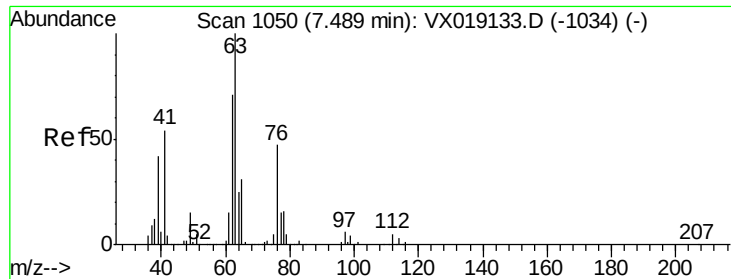
#44
 Trichloroethene
 Concen: 27.176 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019345.D
 Acq: 06 Nov 2020 16:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

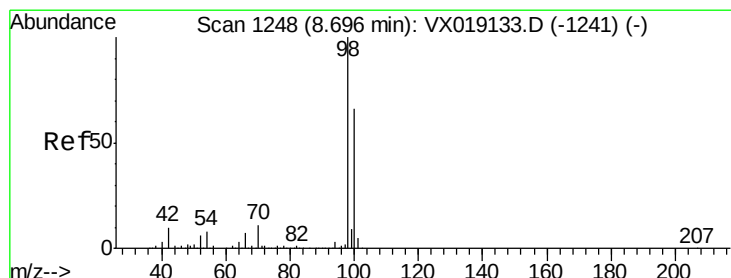
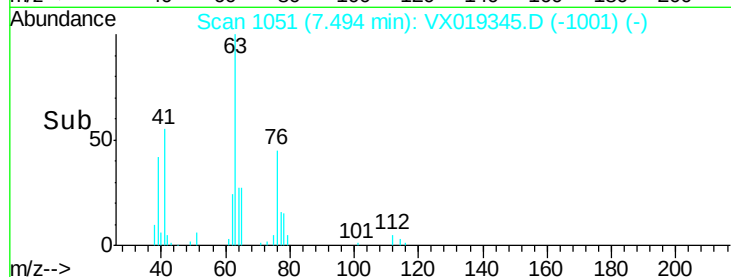
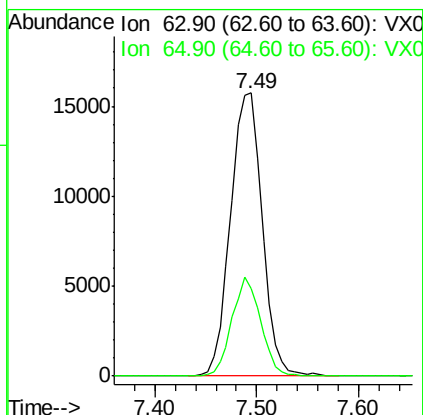
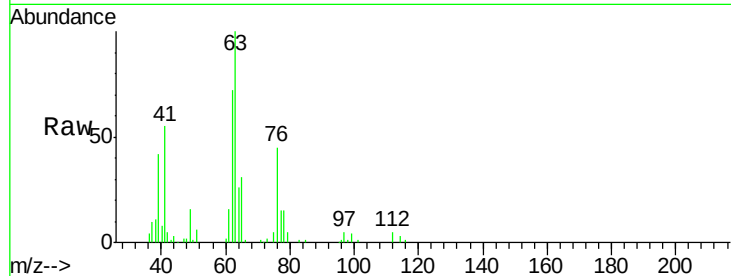




#45
 1,2-Dichloropropane
 Concen: 10.099 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX019345.D
 Acq: 06 Nov 2020 16:28

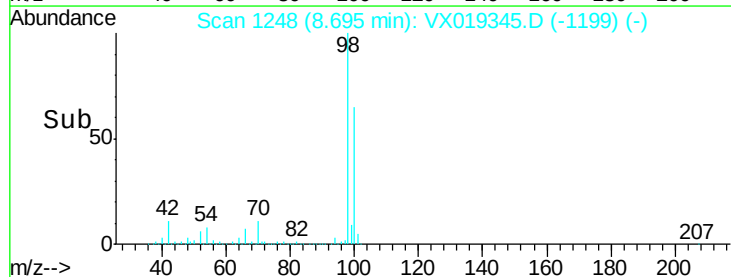
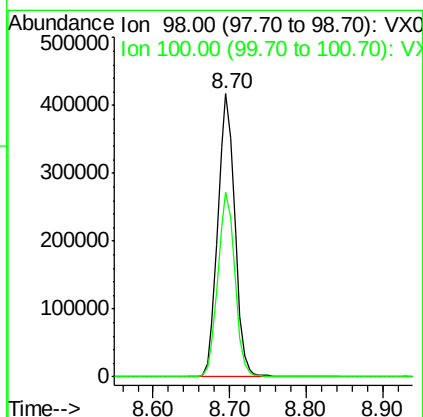
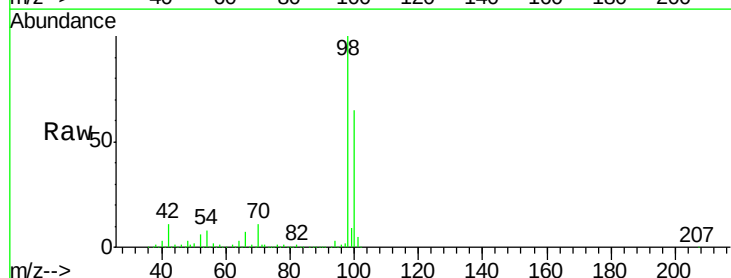
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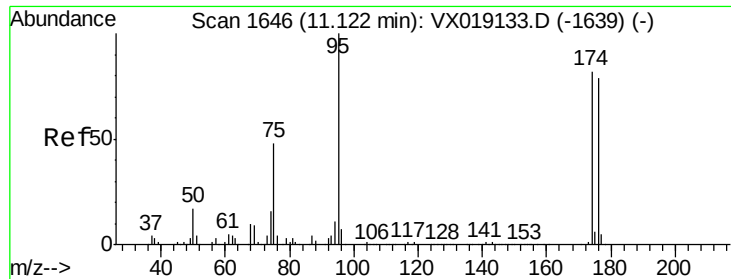
Tot Ion: 63 Resp: 33852
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.2 37.8



#50
 Toluene-d8
 Concen: 52.260 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019345.D
 Acq: 06 Nov 2020 16:28

Tgt Ion: 98 Resp: 646820
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.0 79.6

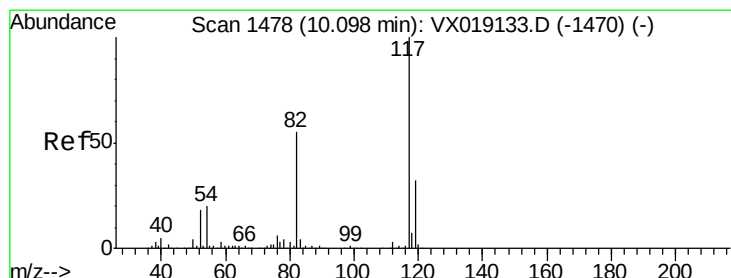
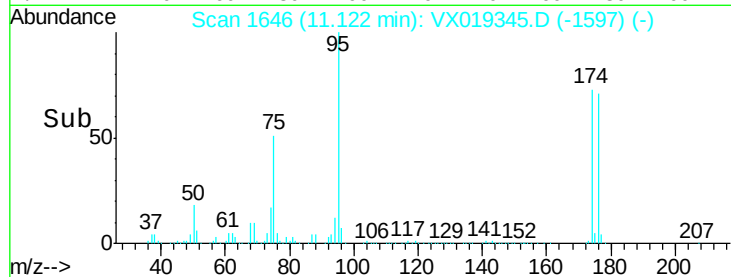
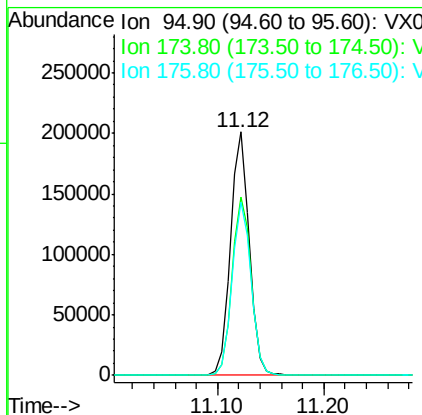
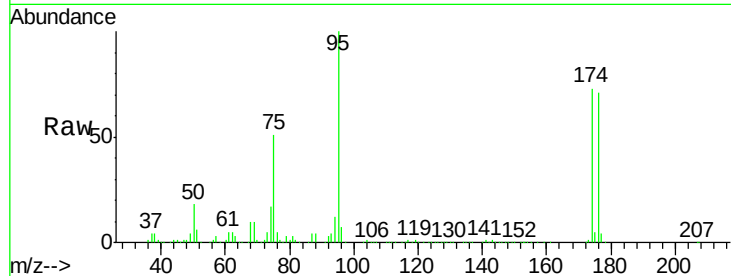




#62
4-Bromofluorobenzene
Concen: 53.019 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019345.D
Acq: 06 Nov 2020 16:28

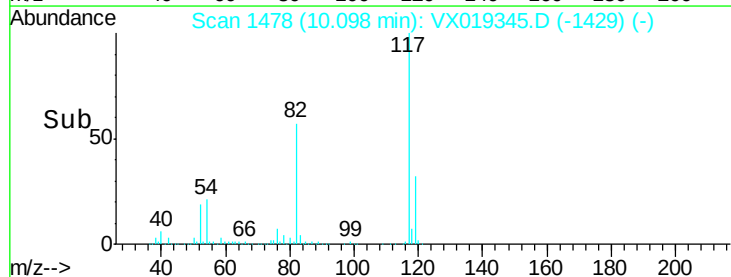
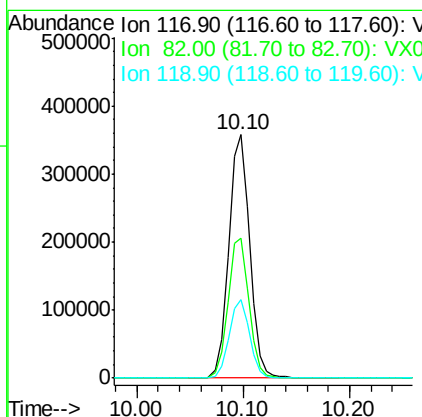
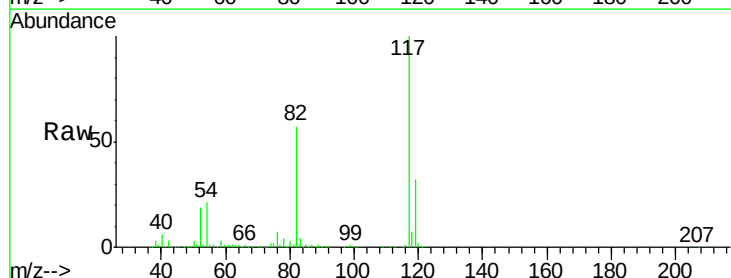
Instrument :
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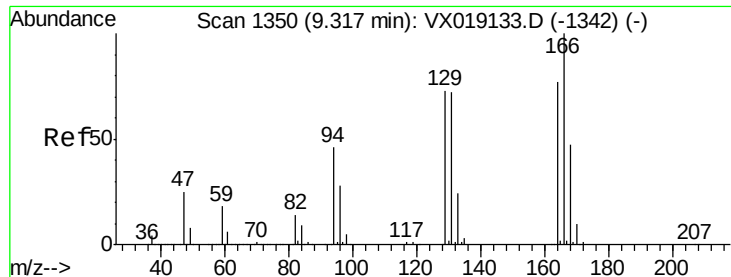
Tot Ion: 95 Resp: 248511
Ion Ratio Lower Upper
95 100
174 74.6 0.0 156.0
176 72.6 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019345.D
Acq: 06 Nov 2020 16:28

Tgt Ion: 117 Resp: 493985
Ion Ratio Lower Upper
117 100
82 57.4 43.6 65.4
119 32.5 25.5 38.3

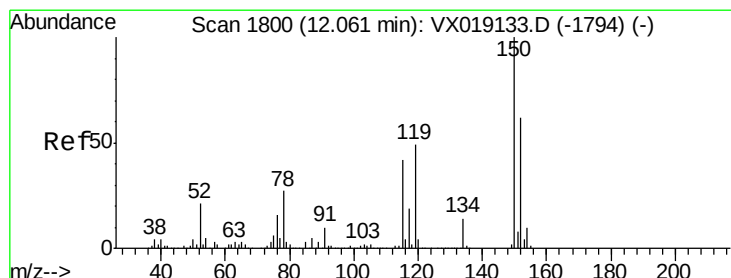
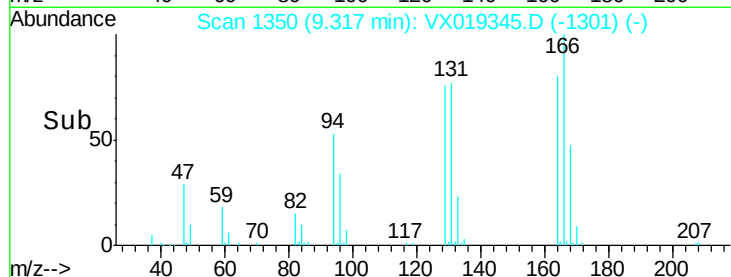
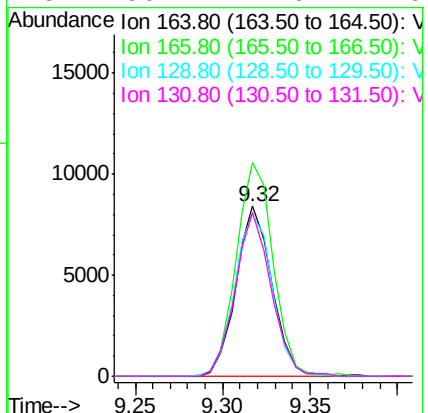
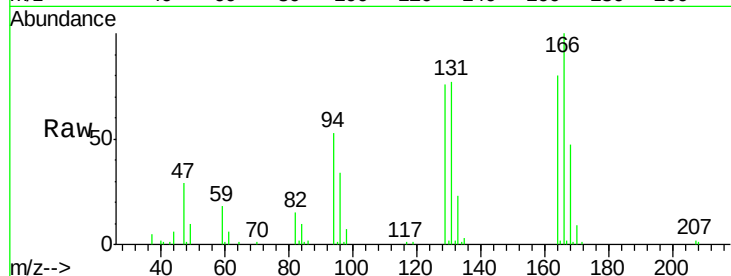




#64
Tetrachloroethene
Concen: 3.192 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019345.D
Acq: 06 Nov 2020 16:28

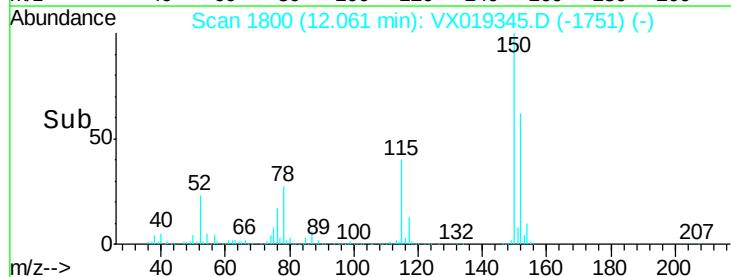
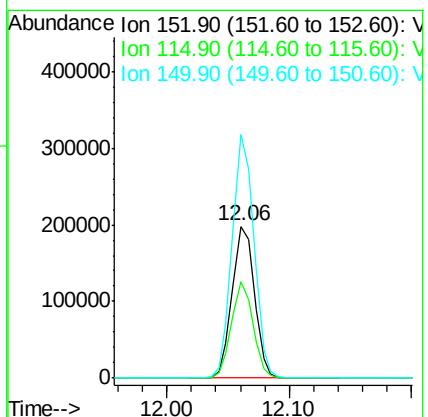
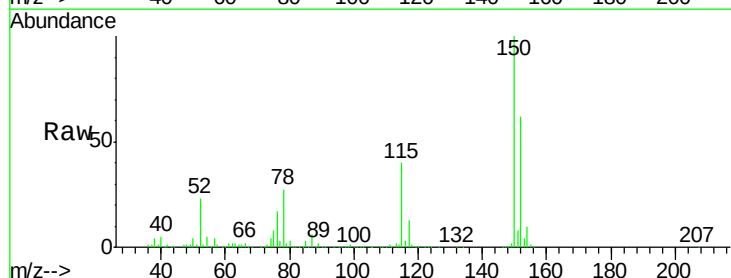
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB178-GW-378-380

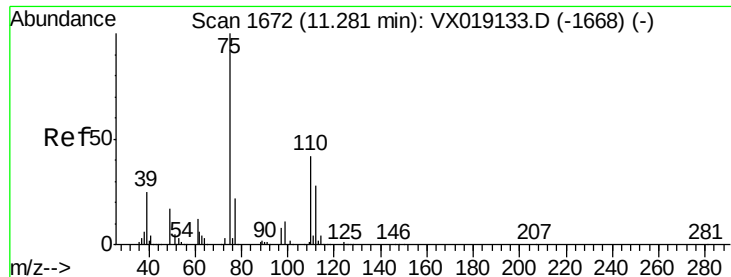
Tot Ion:164 Resp: 12014
Ion Ratio Lower Upper
164 100
166 125.6 104.1 156.1
129 95.1 76.2 114.4
131 96.2 74.6 112.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019345.D
Acq: 06 Nov 2020 16:28

Tgt Ion:152 Resp: 249046
Ion Ratio Lower Upper
152 100
115 61.5 41.9 125.7
150 157.0 0.0 347.8





#76
 1,2,3-Trichloropropane
 Concen: 0.863 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX019345.D
 Acq: 06 Nov 2020 16:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-378-380

Tot Ion: 75 Resp: 4437
 Ion Ratio Lower Upper
 75 100
 77 30.8 20.3 60.9

