

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031673.D
 Acq On : 27 Sep 2022 01:35
 Operator : JC/MD
 Sample : N4791-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-578-580

Quant Time: Sep 27 04:40:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

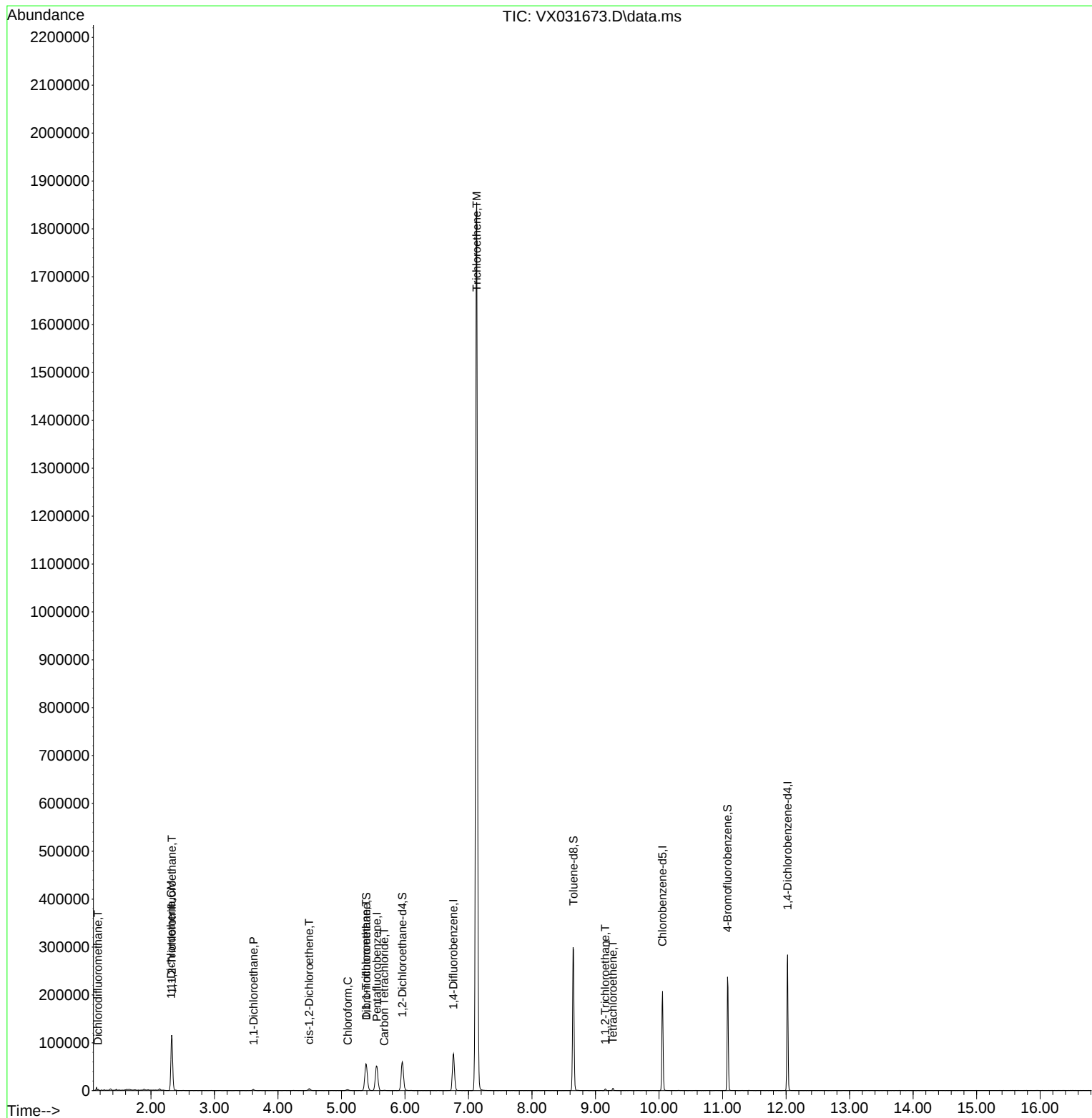
Internal Standards						
1) Pentafluorobenzene	5.556	168	50332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	79879	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55441	51.899	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	= 103.800%		
35) Dibromofluoromethane	5.391	113	45062	47.345	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 94.700%		
50) Toluene-d8	8.653	98	177312	51.386	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	= 102.780%		
62) 4-Bromofluorobenzene	11.079	95	54666	43.225	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 86.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	989	1.615	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	34436	51.470	ug/l	92
12) 1,1-Dichloroethene	2.319	96	11546	20.846	ug/l	85
24) 1,1-Dichloroethane	3.617	63	2577	1.973	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	2548	2.813	ug/l	77
30) Chloroform	5.099	83	2565	1.596	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	1399	1.051	ug/l	94
38) Carbon Tetrachloride	5.672	117	491	0.399	ug/l #	72
44) Trichloroethene	7.129	130	655813	691.628	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	1065	1.105	ug/l #	86
64) Tetrachloroethene	9.275	164	740	0.766	ug/l	87

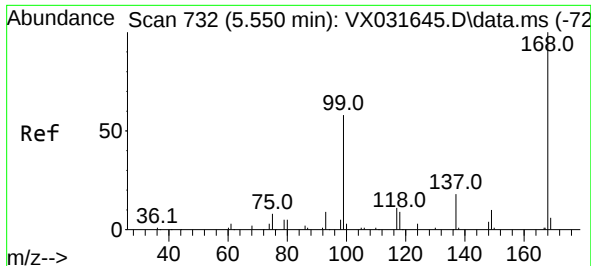
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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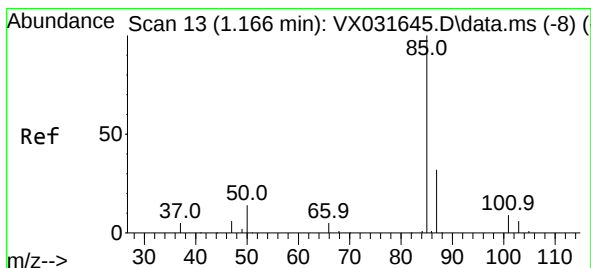
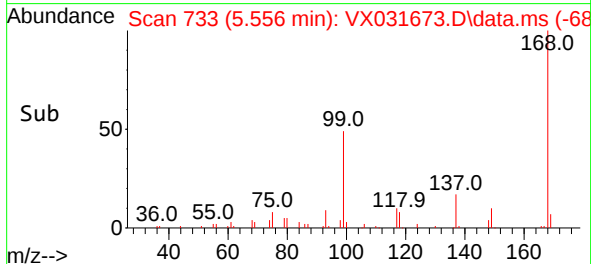
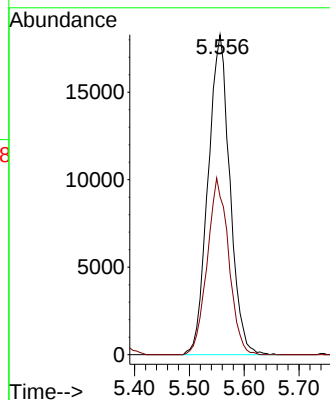
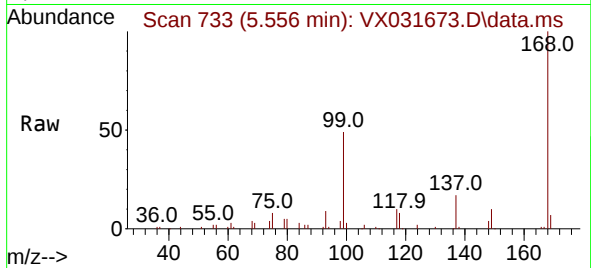




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

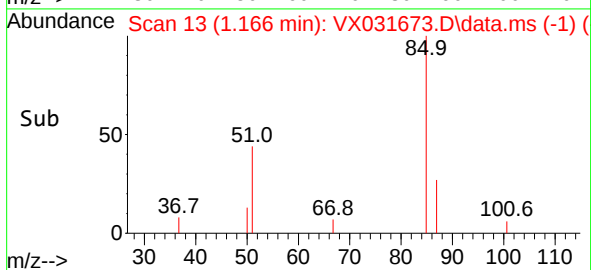
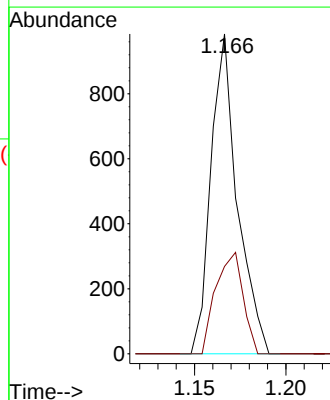
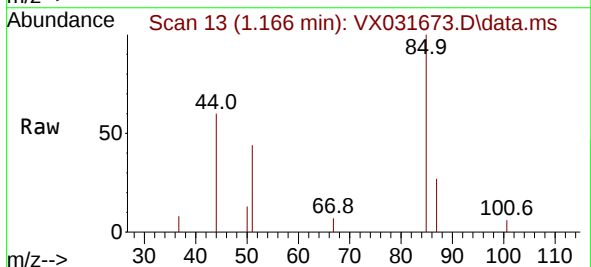
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-578-580

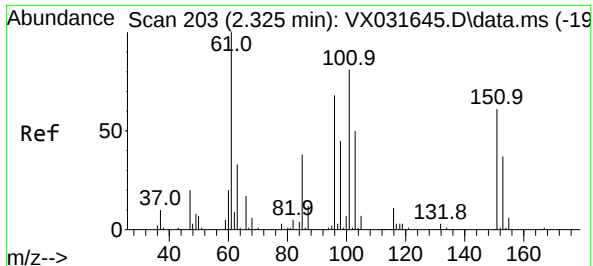
Tgt Ion:168 Resp: 50332
Ion Ratio Lower Upper
168 100
99 49.4 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 1.615 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

Tgt Ion: 85 Resp: 989
Ion Ratio Lower Upper
85 100
87 27.3 15.8 47.4

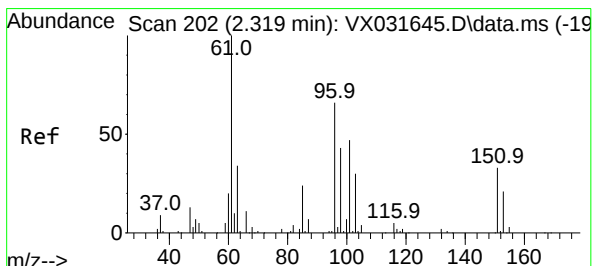
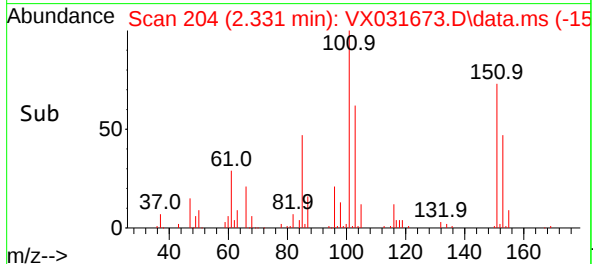
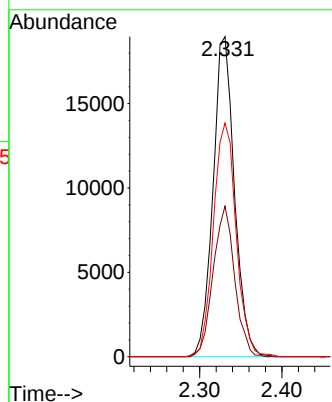
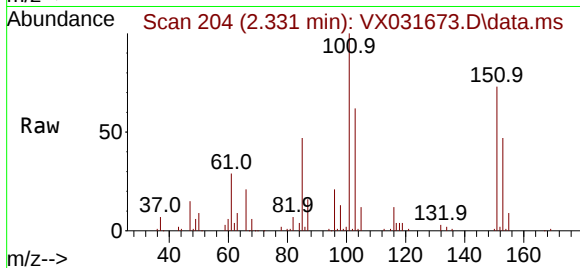




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.470 ug/l
RT: 2.331 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

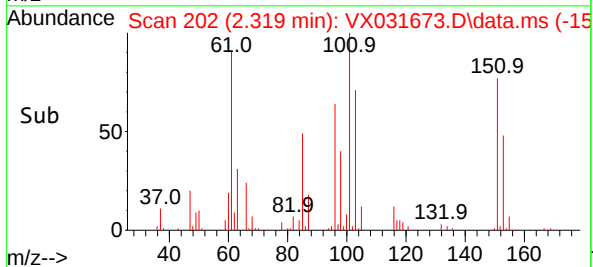
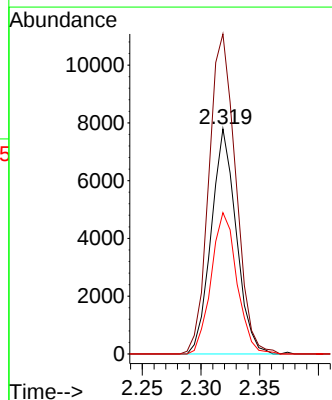
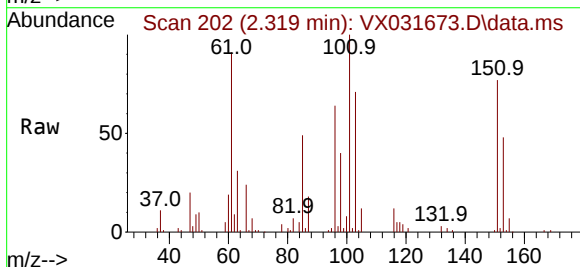
Instrument :
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ClientSampleId :
BP-VPB-RW5-GW-578-580

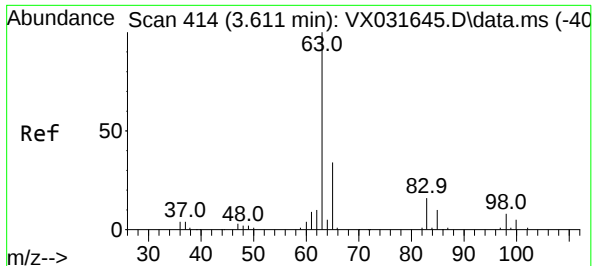
Tgt Ion:101 Resp: 34436
Ion Ratio Lower Upper
101 100
85 46.9 38.6 57.8
151 77.3 54.0 81.0



#12
1,1-Dichloroethene
Concen: 20.846 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

Tgt Ion: 96 Resp: 11546
Ion Ratio Lower Upper
96 100
61 142.1 135.3 202.9
98 62.7 49.4 74.2

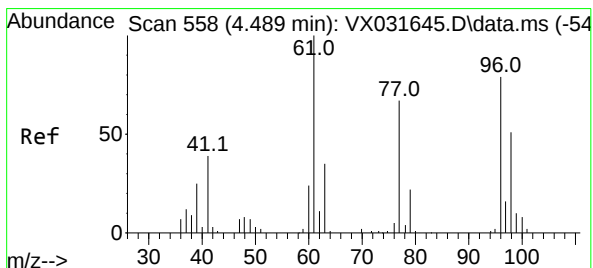
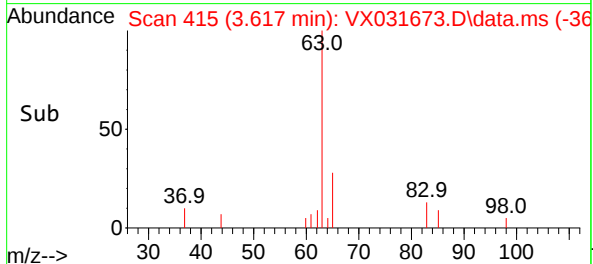
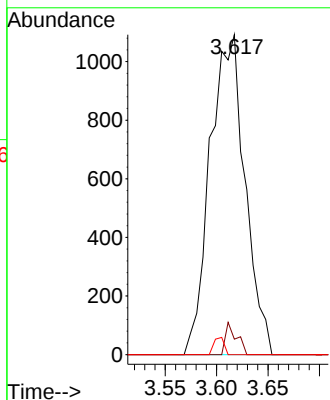
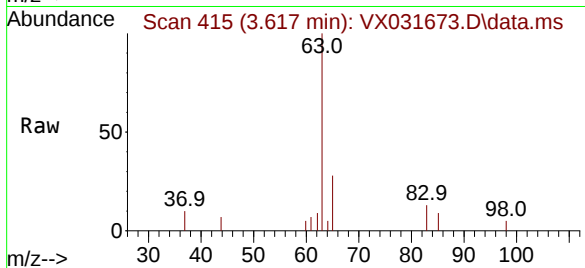




#24
1,1-Dichloroethane
Concen: 1.973 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

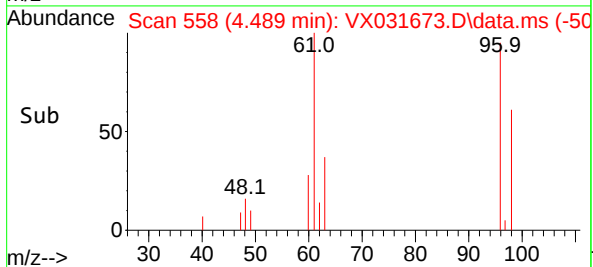
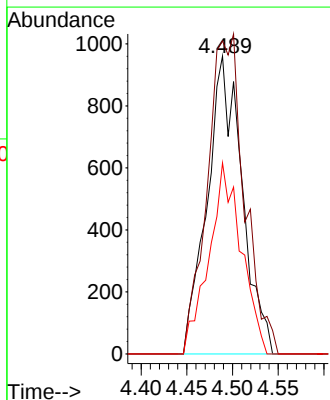
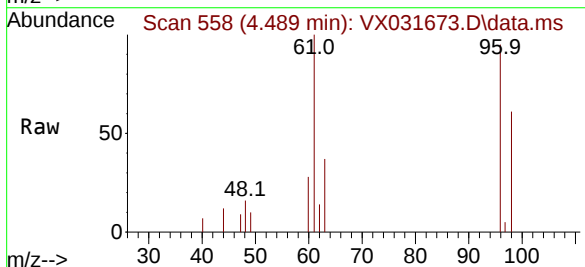
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-578-580

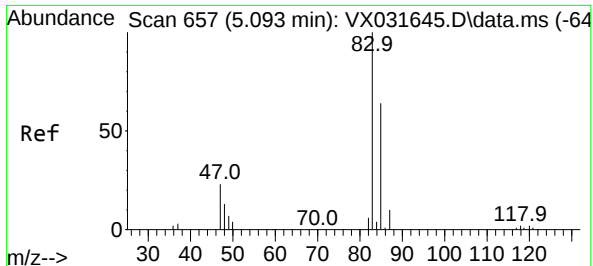
Tgt Ion: 63 Resp: 2577
Ion Ratio Lower Upper
63 100
98 4.9 3.5 10.4
100 0.0 2.4 7.2#



#27
cis-1,2-Dichloroethene
Concen: 2.813 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

Tgt Ion: 96 Resp: 2548
Ion Ratio Lower Upper
96 100
61 114.2 0.0 305.2
98 59.7 0.0 128.4





#30

Chloroform

Concen: 1.596 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX031673.D

Acq: 27 Sep 2022 01:35

Instrument :

MSVOA_X

ClientSampleId :

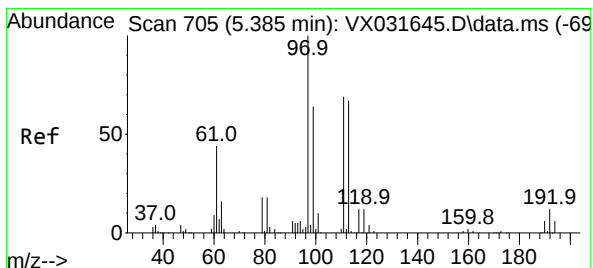
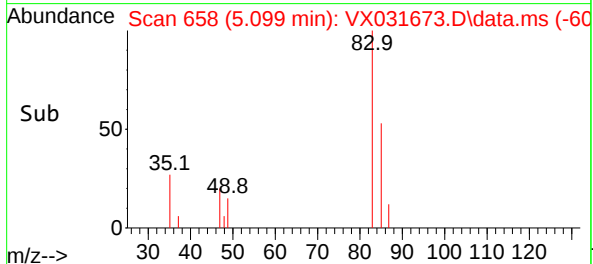
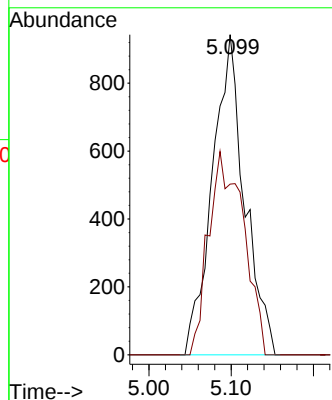
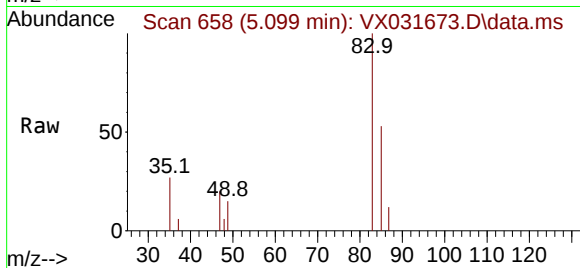
BP-VPB-RW5-GW-578-580

Tgt Ion: 83 Resp: 2565

Ion Ratio Lower Upper

83 100

85 53.3 52.8 79.2



#32

1,1,1-Trichloroethane

Concen: 1.051 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031673.D

Acq: 27 Sep 2022 01:35

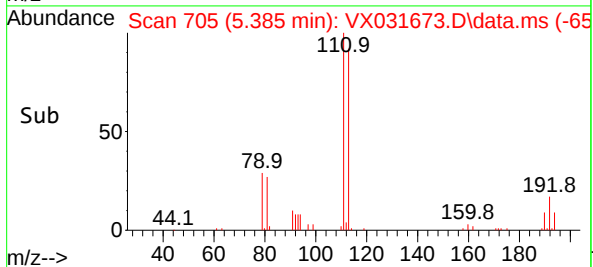
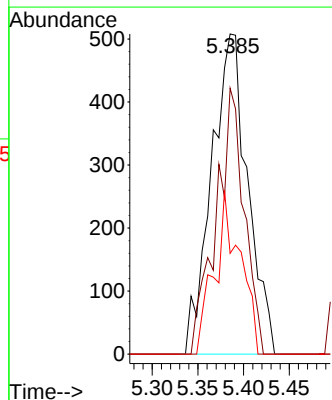
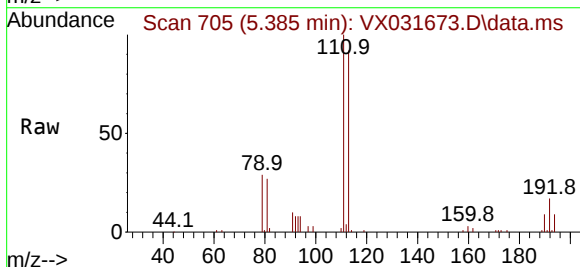
Tgt Ion: 97 Resp: 1399

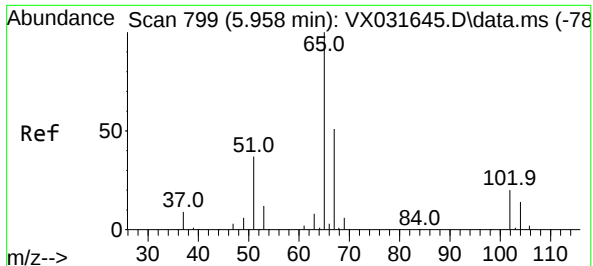
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 36.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 51.899 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031673.D

Acq: 27 Sep 2022 01:35

Instrument :

MSVOA_X

ClientSampleId :

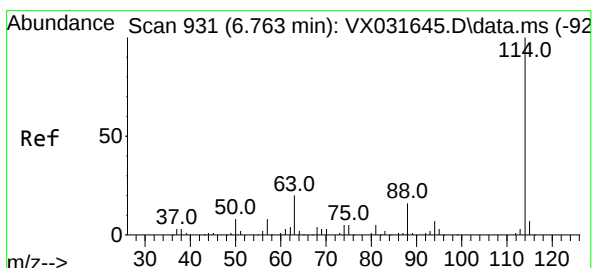
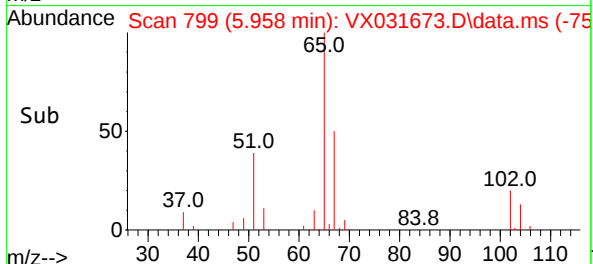
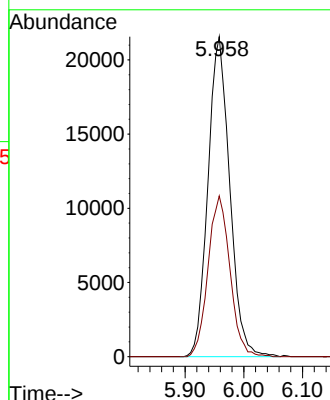
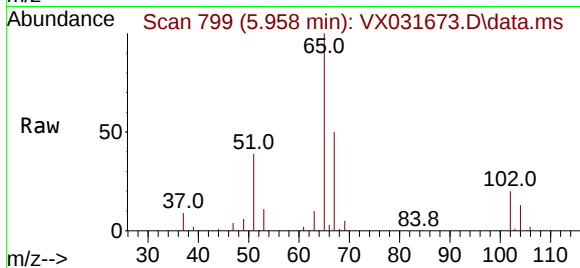
BP-VPB-RW5-GW-578-580

Tgt Ion: 65 Resp: 55441

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031673.D

Acq: 27 Sep 2022 01:35

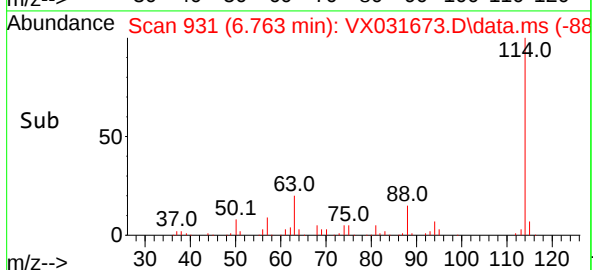
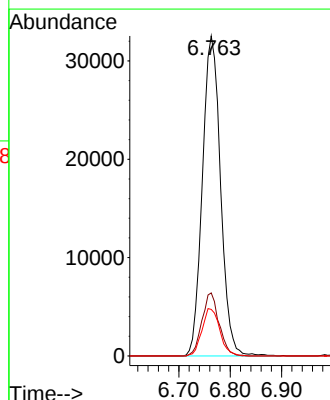
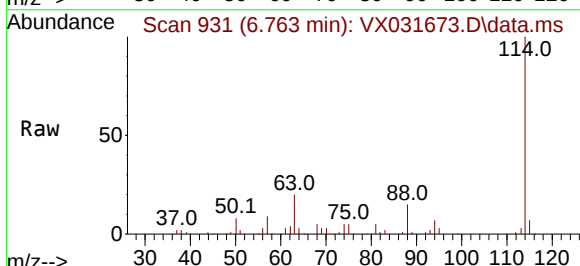
Tgt Ion: 114 Resp: 79879

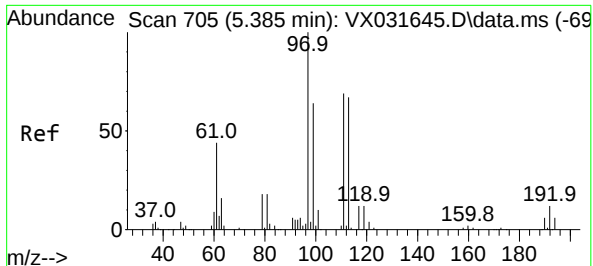
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 14.6 0.0 33.0

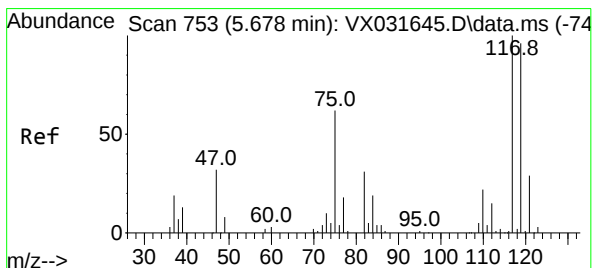
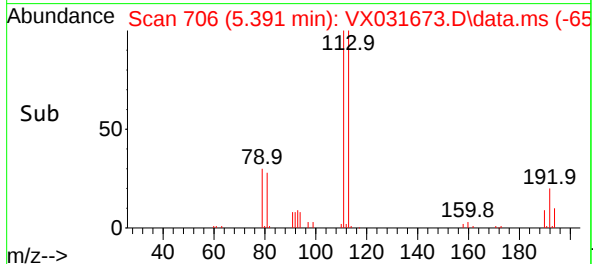
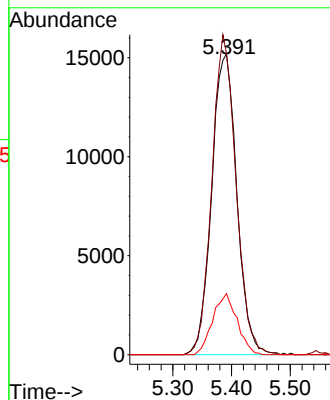
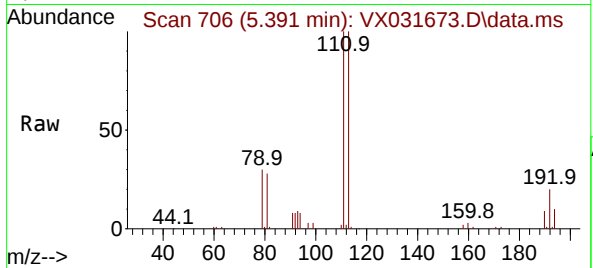




#35
Dibromofluoromethane
Concen: 47.345 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

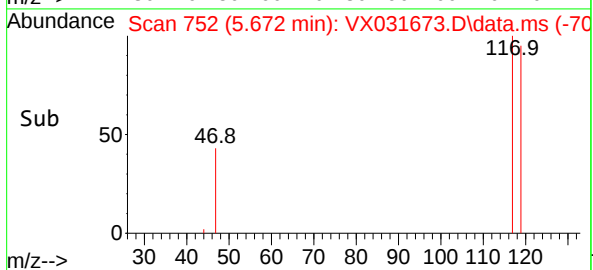
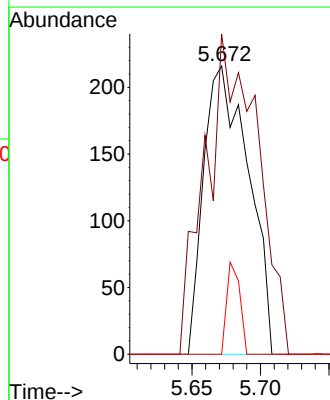
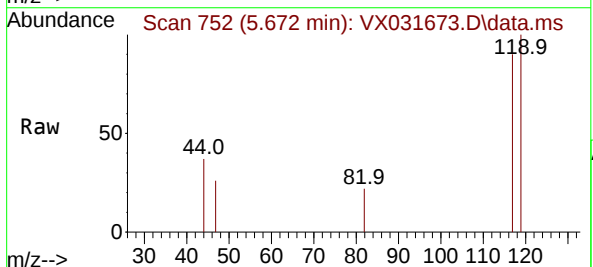
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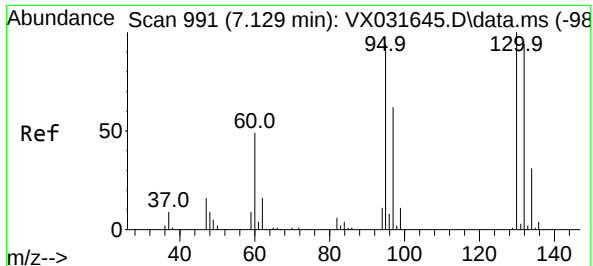
Tgt Ion:113 Resp: 45062
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.7 14.1 21.1



#38
Carbon Tetrachloride
Concen: 0.399 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

Tgt Ion:117 Resp: 491
Ion Ratio Lower Upper
117 100
119 111.1 74.6 112.0
121 0.0 25.3 37.9#

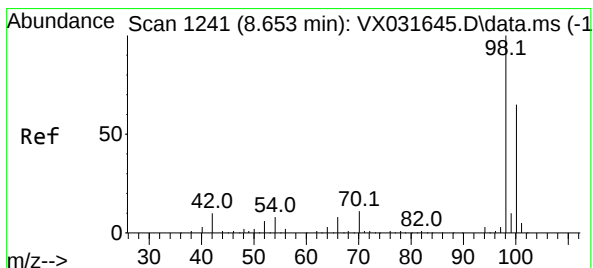
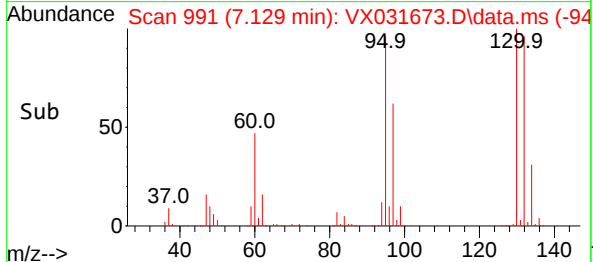
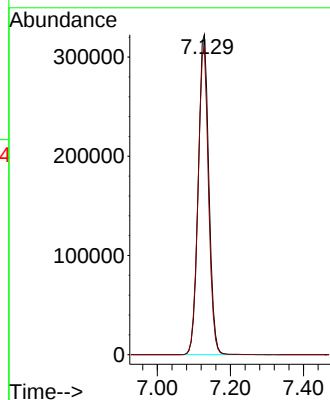
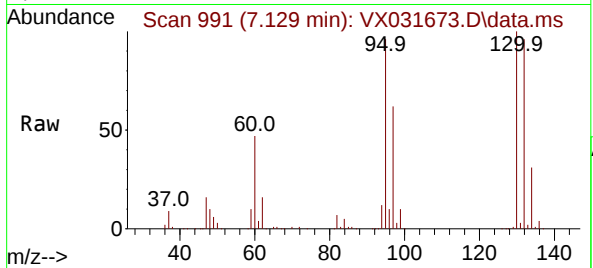




#44
Trichloroethene
Concen: 691.628 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

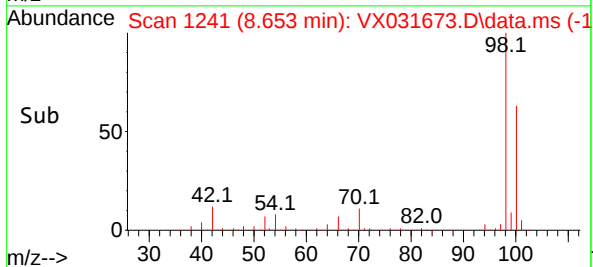
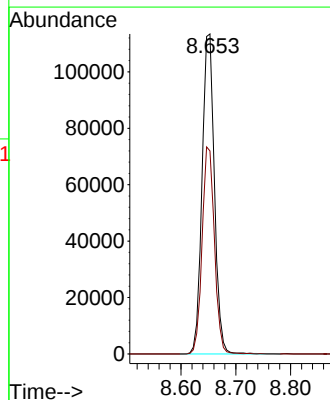
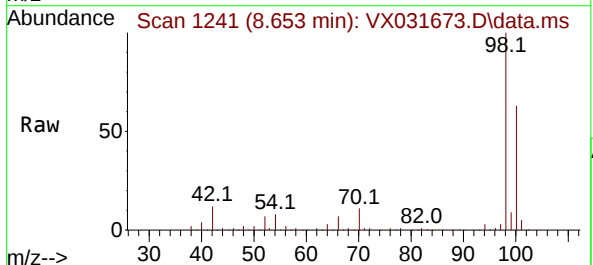
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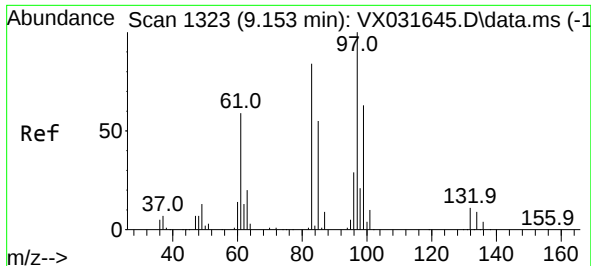
Tgt Ion:130 Resp: 655813
Ion Ratio Lower Upper
130 100
95 96.1 0.0 206.8



#50
Toluene-d8
Concen: 51.386 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

Tgt Ion: 98 Resp: 177312
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7





#55

1,1,2-Trichloroethane

Concen: 1.105 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031673.D

Acq: 27 Sep 2022 01:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-578-580

Tgt Ion: 97 Resp: 1065

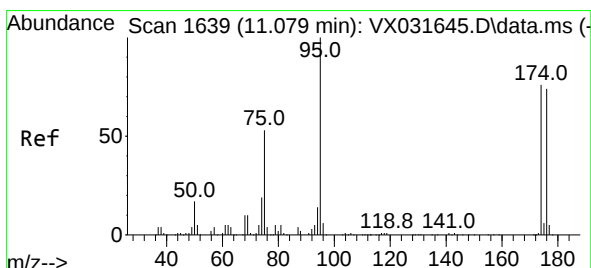
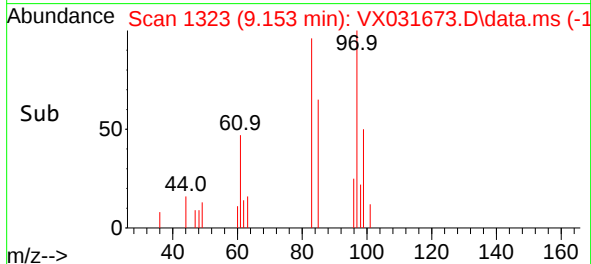
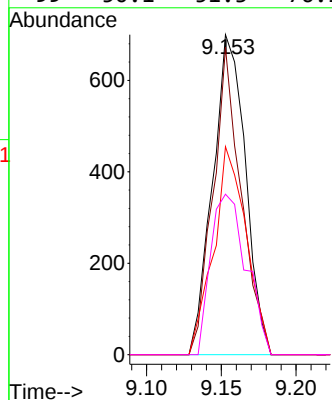
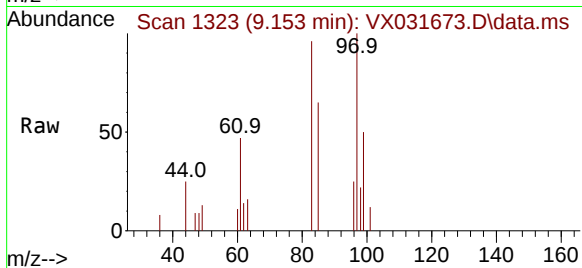
Ion Ratio Lower Upper

97 100

83 96.0 69.0 103.6

85 65.0 44.1 66.1

99 50.1 51.3 76.9#



#62

4-Bromofluorobenzene

Concen: 43.225 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031673.D

Acq: 27 Sep 2022 01:35

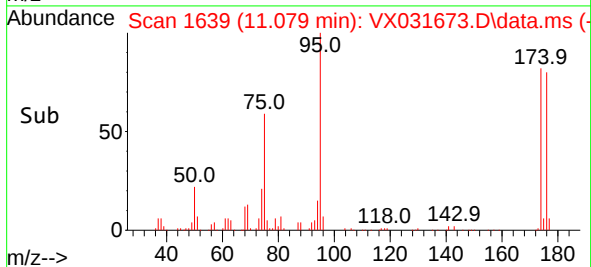
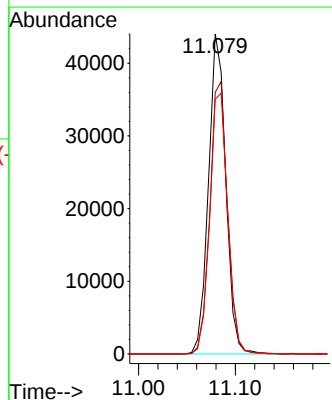
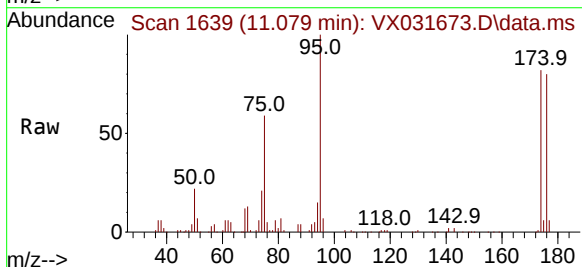
Tgt Ion: 95 Resp: 54666

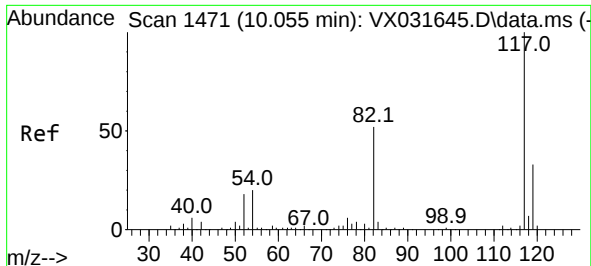
Ion Ratio Lower Upper

95 100

174 87.3 0.0 153.2

176 84.6 0.0 144.0

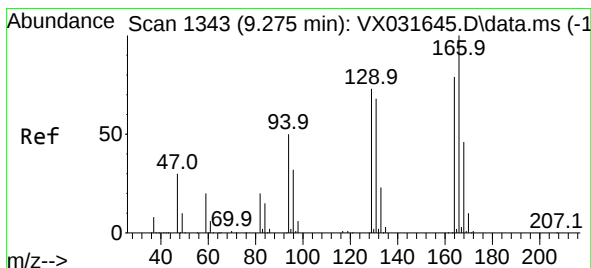
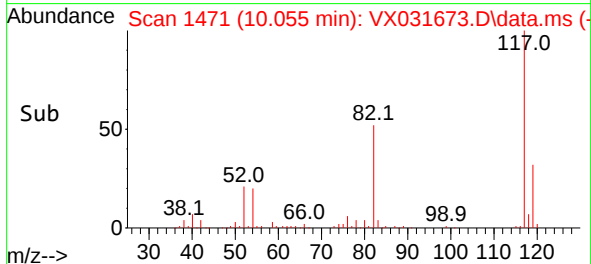
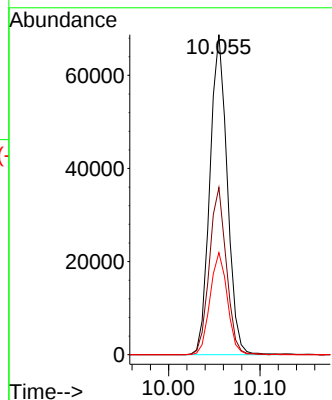
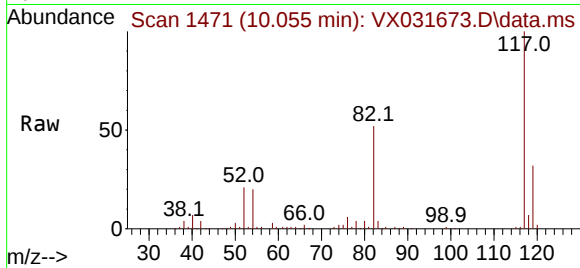




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

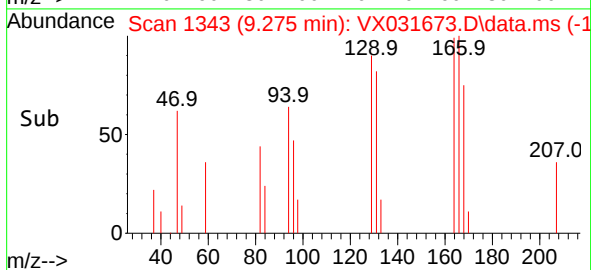
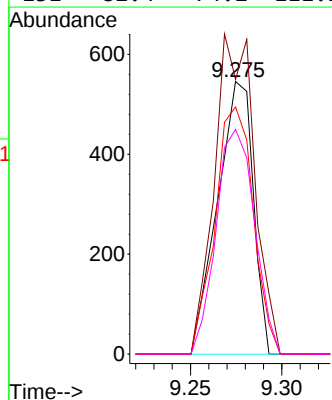
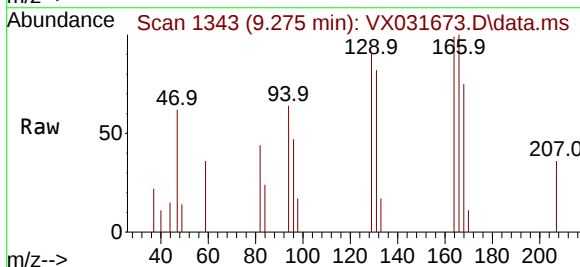
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-578-580

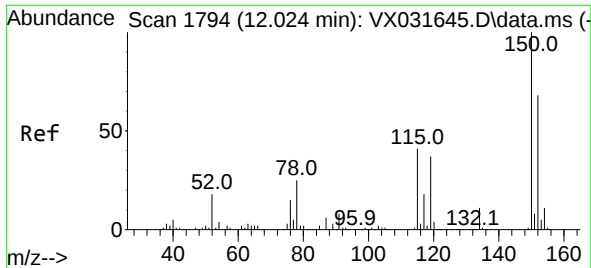
Tgt Ion:	117	Resp:	90358
Ion	Ratio	Lower	Upper
117	100		
82	52.2	46.8	70.2
119	31.9	26.4	39.6



#64
Tetrachloroethene
Concen: 0.766 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031673.D
Acq: 27 Sep 2022 01:35

Tgt Ion:	164	Resp:	740
Ion	Ratio	Lower	Upper
164	100		
166	100.7	99.0	148.4
129	90.7	78.0	117.0
131	82.4	74.2	111.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031673.D

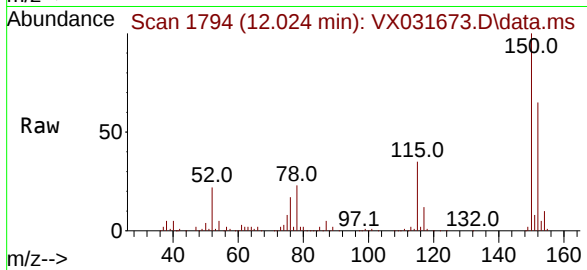
Acq: 27 Sep 2022 01:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-578-580



Tgt Ion:152 Resp: 55824

Ion Ratio Lower Upper

152 100

115 57.3 43.4 130.1

150 157.2 0.0 346.8

