

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031385.D
 Acq On : 16 Sep 2022 04:39
 Operator : JC/MD
 Sample : N4626-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-318-320

Quant Time: Sep 16 08:47:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

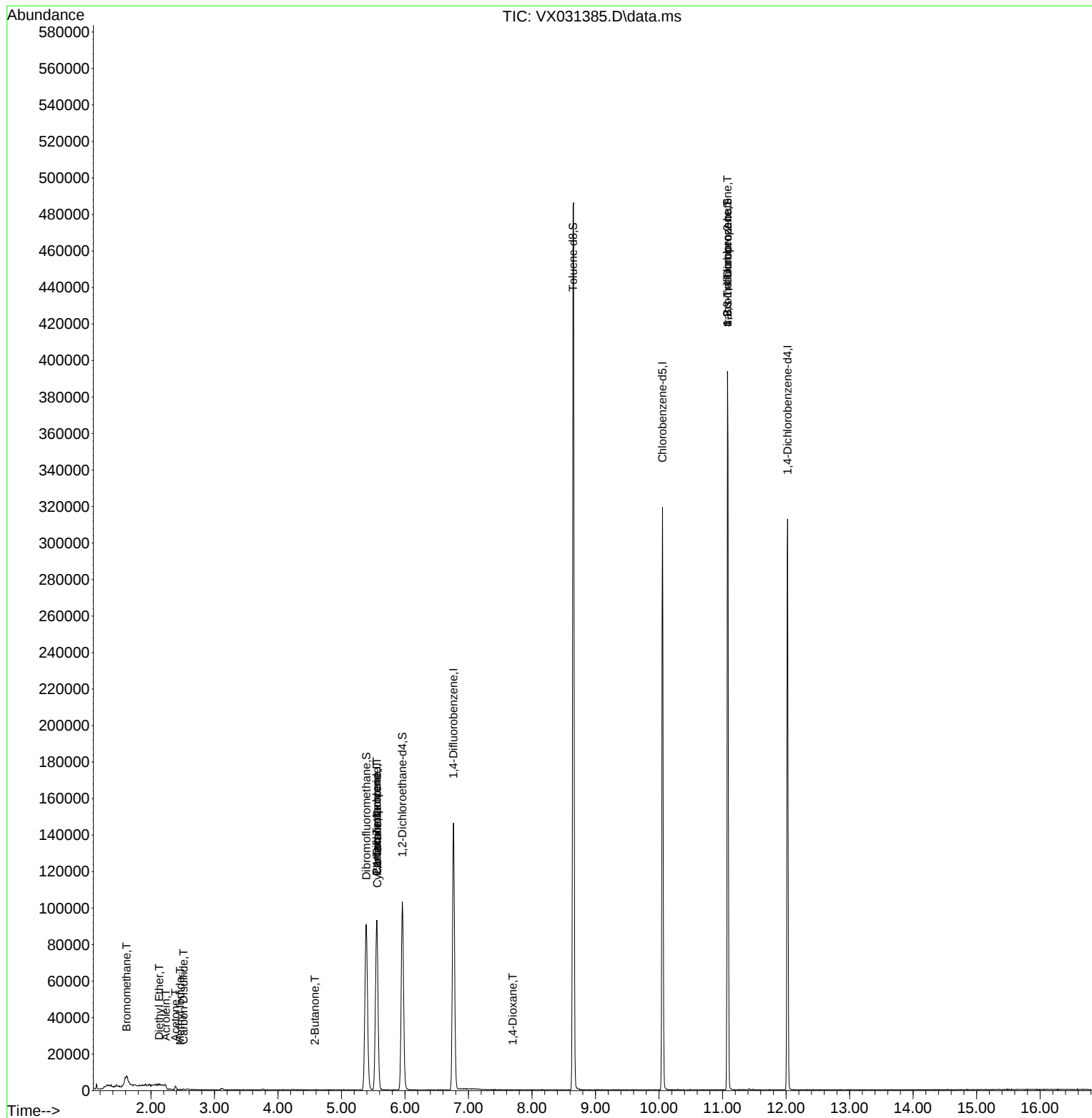
Internal Standards						
1) Pentafluorobenzene	5.556	168	87436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91294	42.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.080%
35) Dibromofluoromethane	5.391	113	74584	47.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.647	98	285332	48.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	89049	41.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.960%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	288	Below Cal	#	41
5) Bromomethane	1.618	94	566	0.494	ug/l #	68
8) Diethyl Ether	2.130	74	27	0.550	ug/l #	1
10) Methyl Iodide	2.459	142	155	1.016	ug/l #	38
11) Tert butyl alcohol	2.953	59	19	Below Cal	#	73
13) Acrolein	2.233	56	51	0.206	ug/l #	80
16) Acetone	2.386	43	1839	2.007	ug/l	95
17) Carbon Disulfide	2.514	76	435	1.026	ug/l #	75
25) 2-Butanone	4.580	43	628	0.416	ug/l #	49
31) Cyclohexane	5.562	56	2131	0.924	ug/l #	50
36) 1,1-Dichloropropene	5.556	75	7338	3.430	ug/l #	46
38) Carbon Tetrachloride	5.556	117	8780	3.776	ug/l #	15
49) 1,4-Dioxane	7.696	88	23	0.525	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	51203	33.802	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	51203	93.530	ug/l #	11

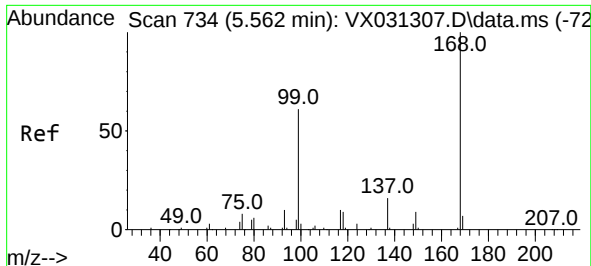
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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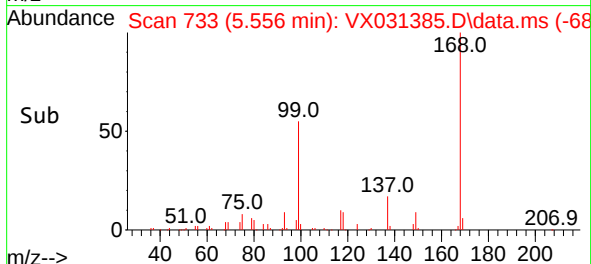
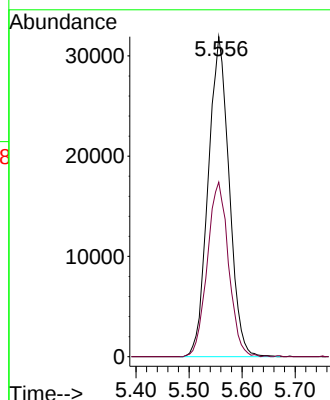
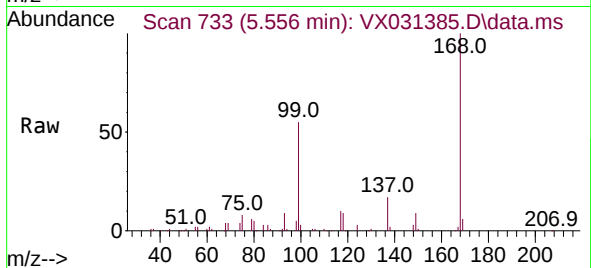




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

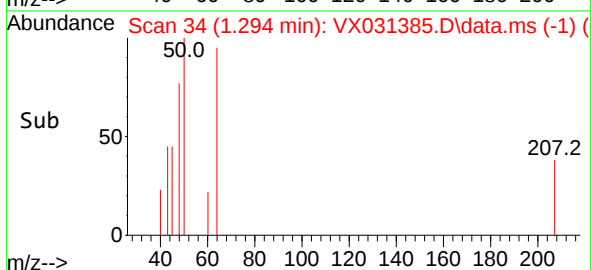
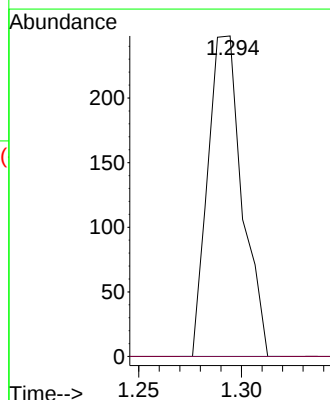
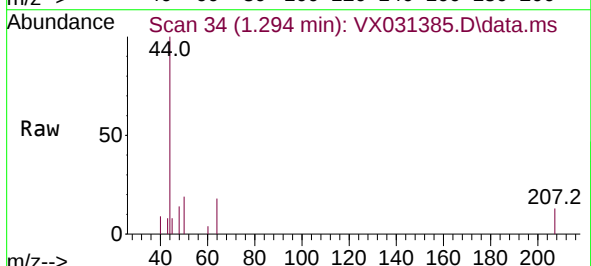
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-318-320

Tgt Ion:168 Resp: 87436
Ion Ratio Lower Upper
168 100
99 54.6 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

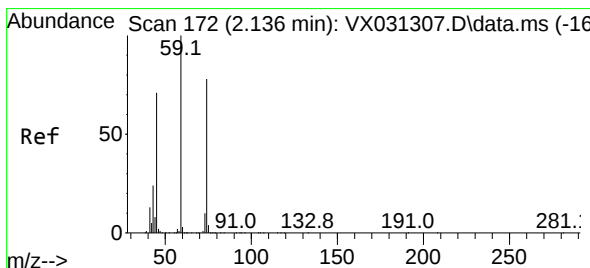
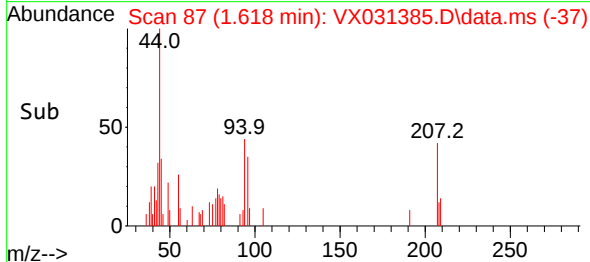
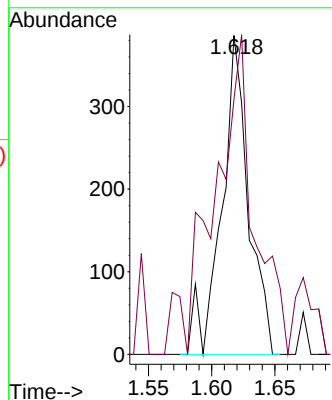
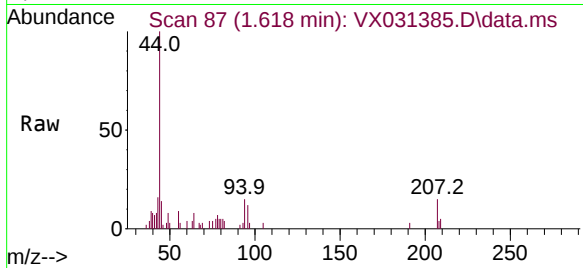




#5
Bromomethane
Concen: 0.494 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

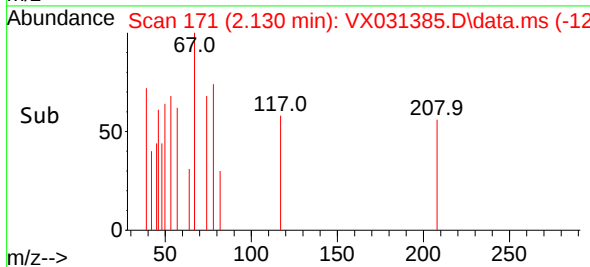
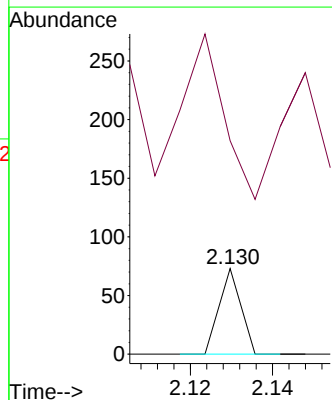
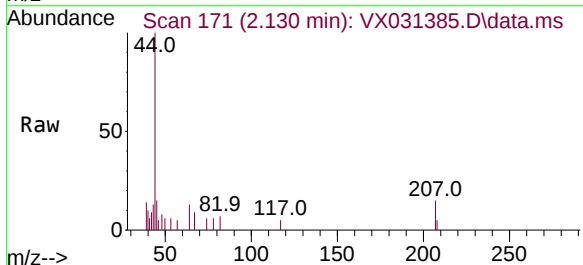
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-318-320

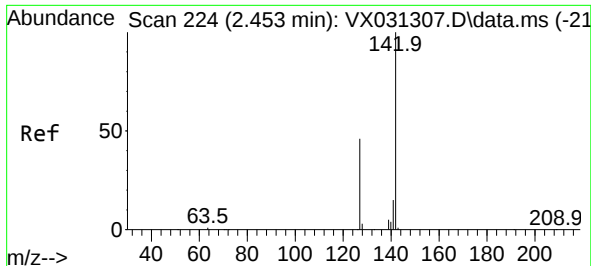
Tgt Ion: 94 Resp: 566
Ion Ratio Lower Upper
94 100
96 61.9 74.4 111.6#



#8
Diethyl Ether
Concen: 0.550 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

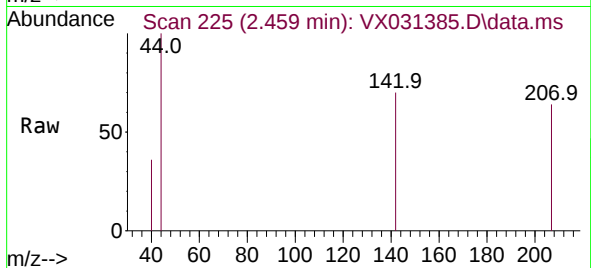
Tgt Ion: 74 Resp: 27
Ion Ratio Lower Upper
74 100
45 266.7 48.5 145.6#



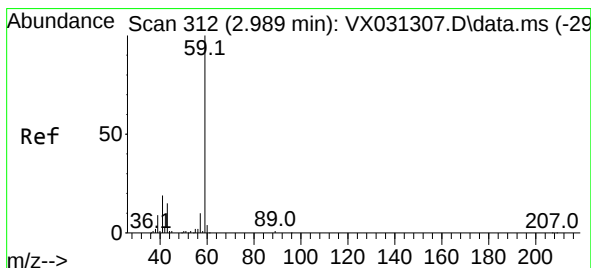
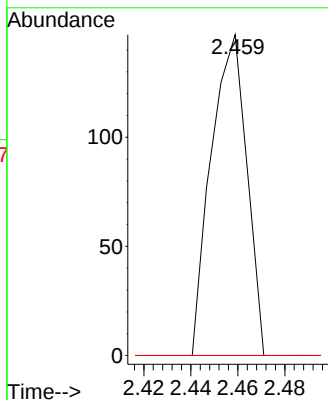
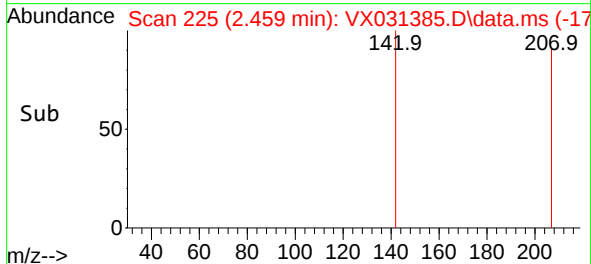


#10
Methyl Iodide
Concen: 1.016 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-318-320

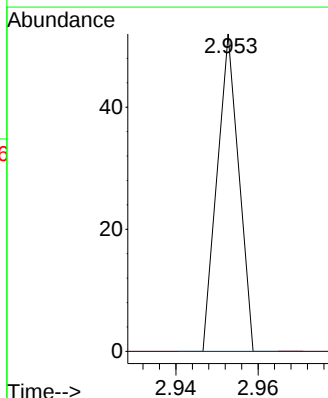
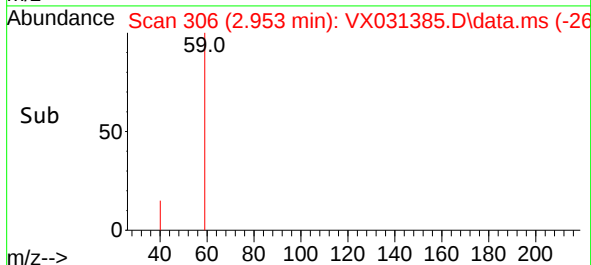
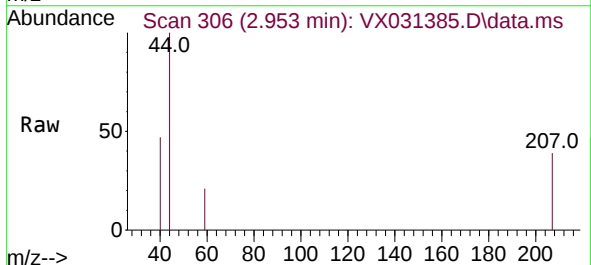


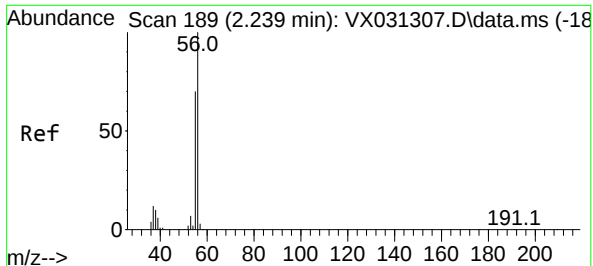
Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

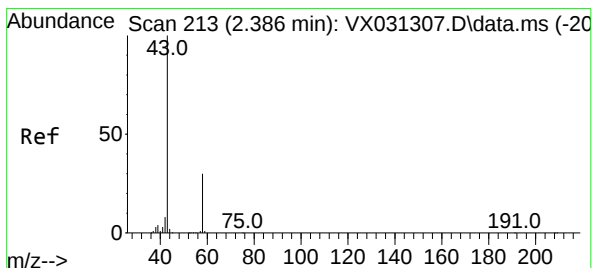
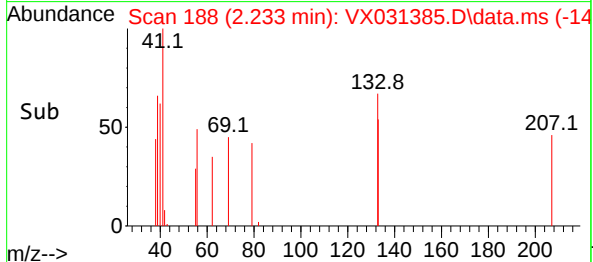
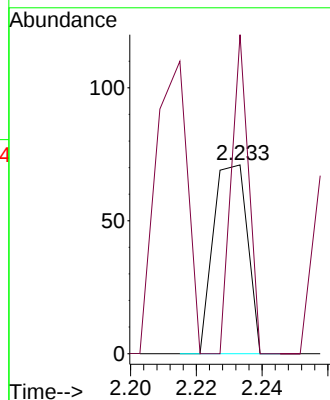
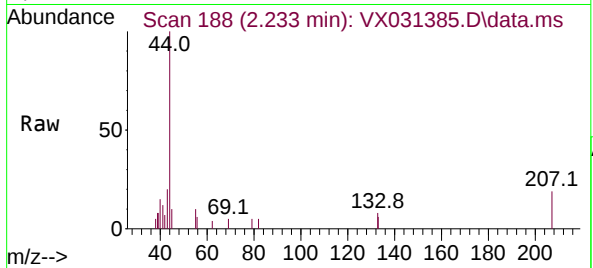




#13
Acrolein
Concen: 0.206 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

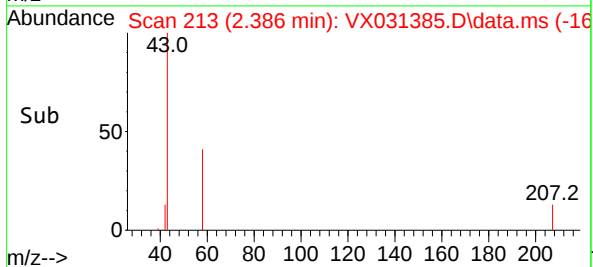
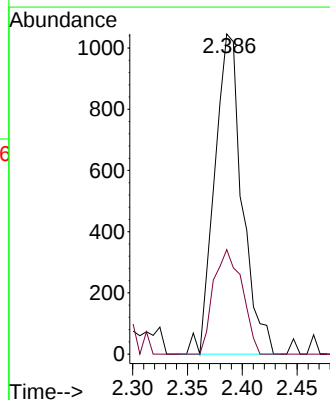
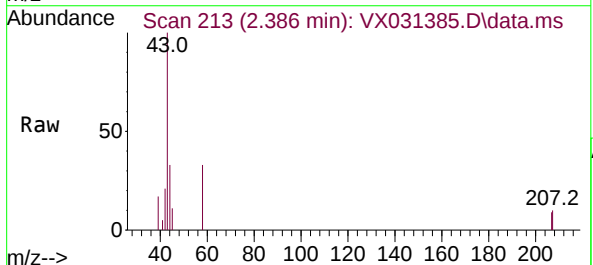
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-318-320

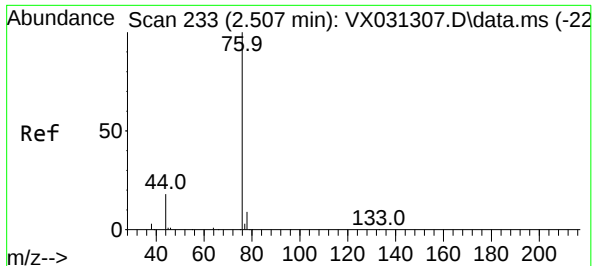
Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 86.3 56.0 84.0#



#16
Acetone
Concen: 2.007 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 32.6 23.8 35.8





#17

Carbon Disulfide

Concen: 1.026 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX031385.D

Acq: 16 Sep 2022 04:39

Instrument :

MSVOA_X

ClientSampleId :

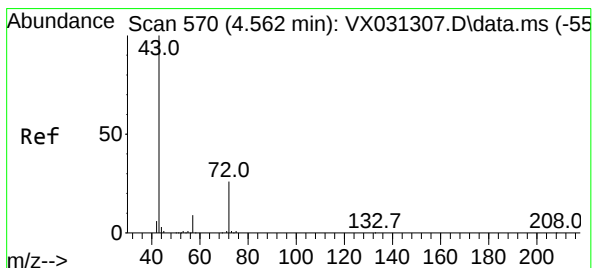
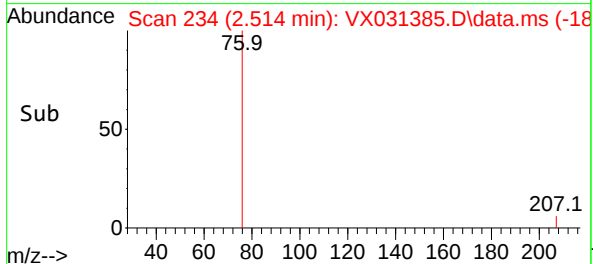
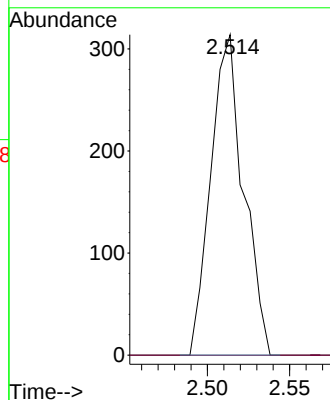
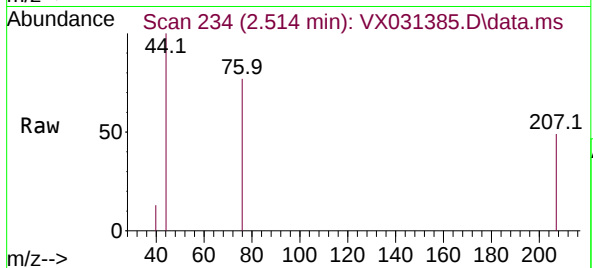
BP-VPB-RW5-GW-318-320

Tgt Ion: 76 Resp: 435

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#25

2-Butanone

Concen: 0.416 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX031385.D

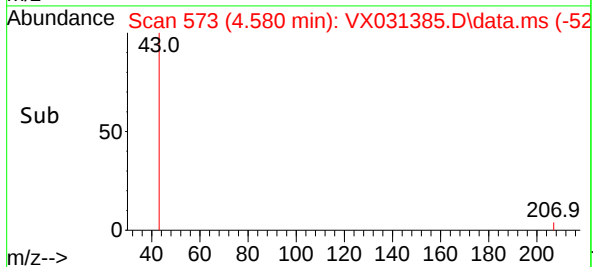
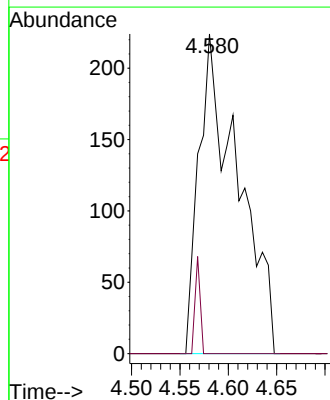
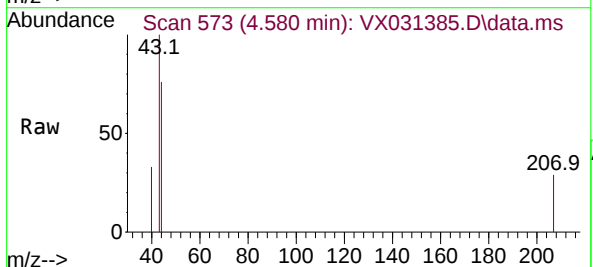
Acq: 16 Sep 2022 04:39

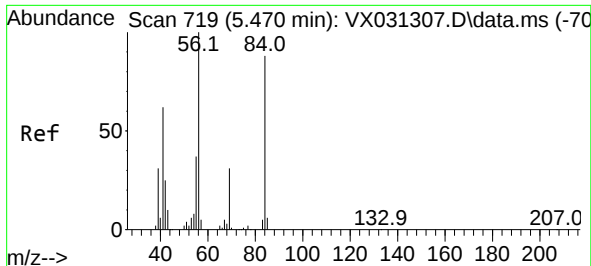
Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#

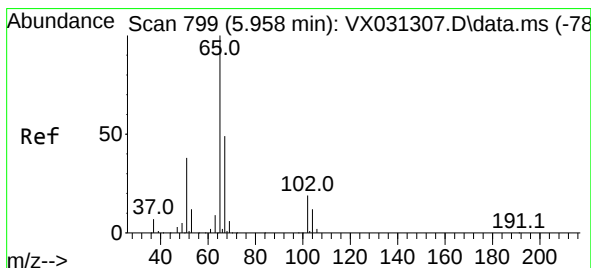
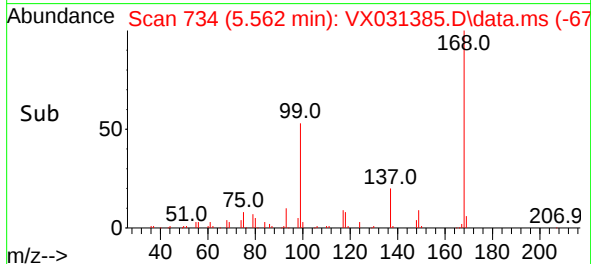
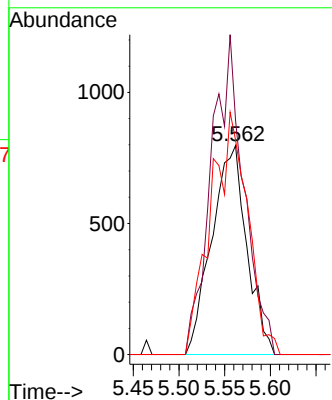
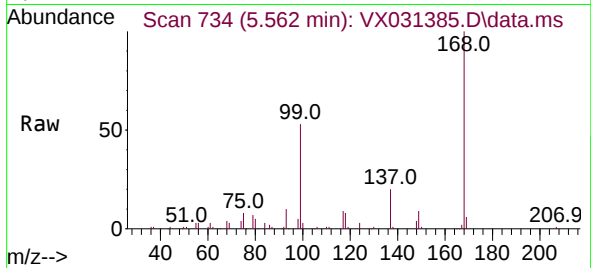




#31
Cyclohexane
Concen: 0.924 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

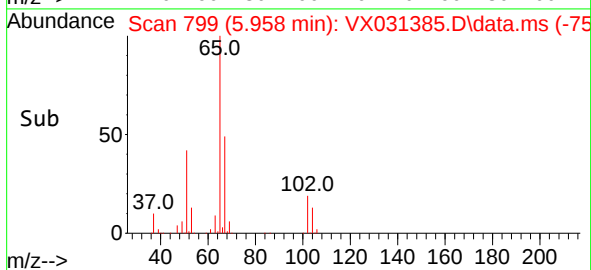
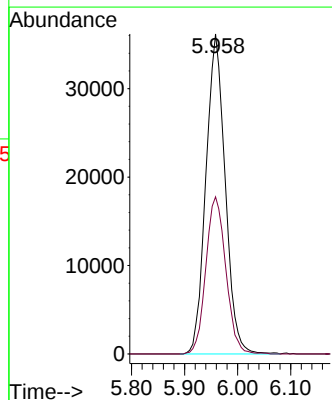
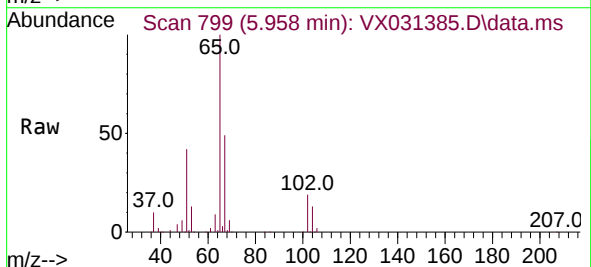
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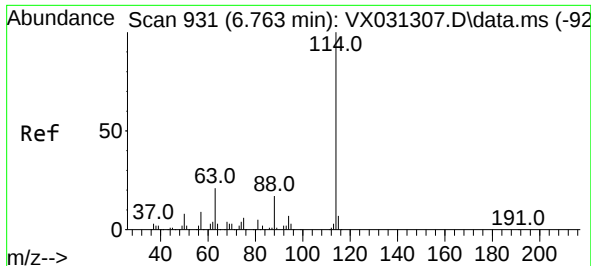
Tgt Ion: 56 Resp: 2131
Ion Ratio Lower Upper
56 100
69 112.0 25.1 37.7#
84 102.6 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 42.538 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

Tgt Ion: 65 Resp: 91294
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

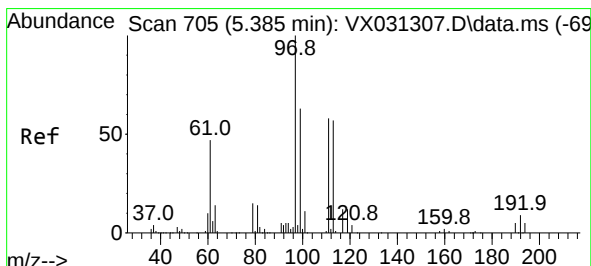
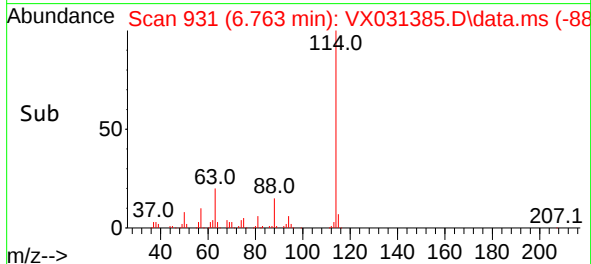
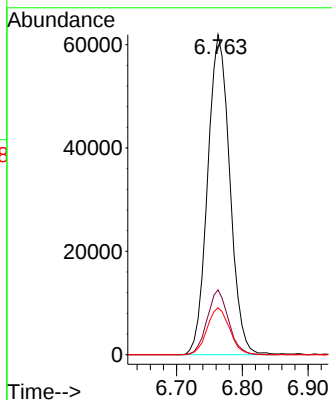
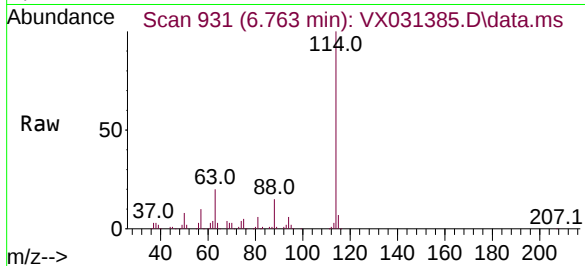




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

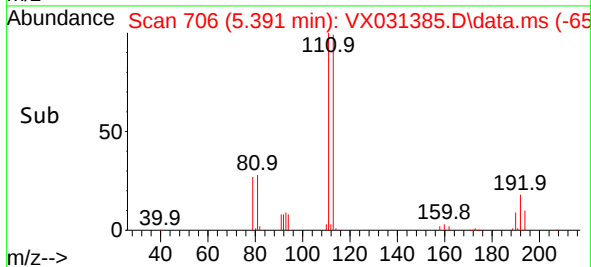
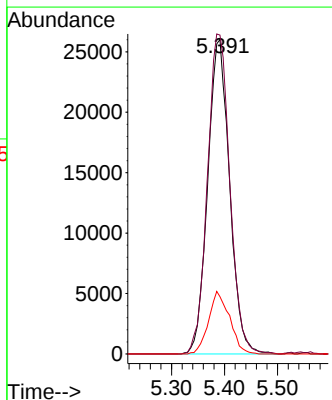
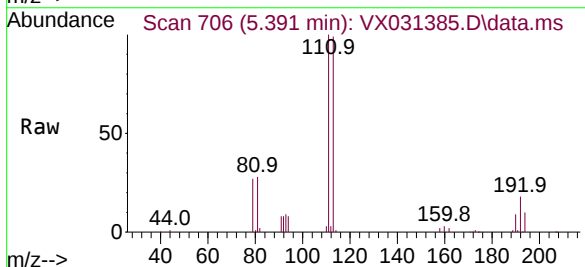
Instrument :
MSVOA_X
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BP-VPB-RW5-GW-318-320

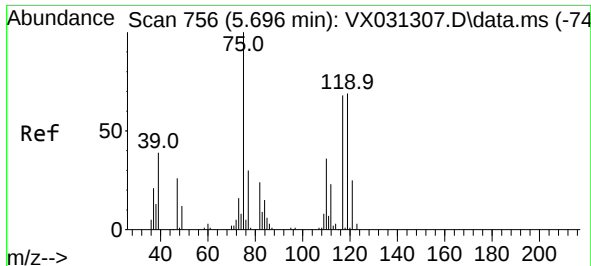
Tgt Ion:114 Resp: 145398
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 14.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.721 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

Tgt Ion:113 Resp: 74584
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 19.1 14.1 21.1

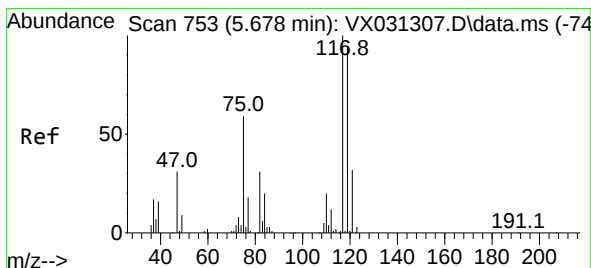
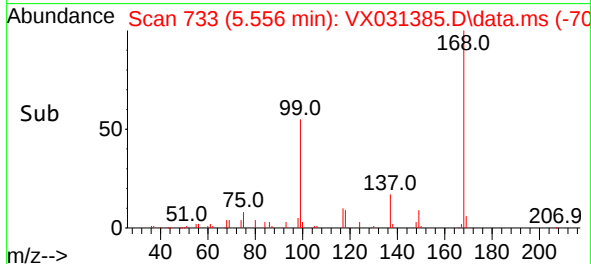
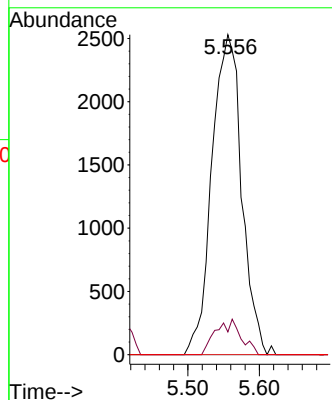
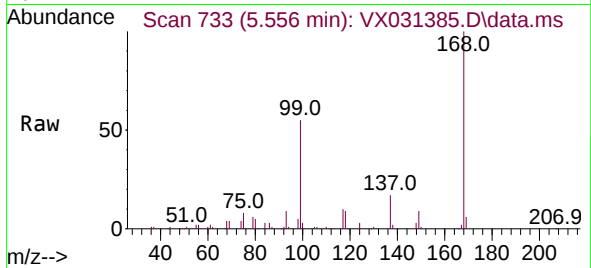




#36
1,1-Dichloropropene
Concen: 3.430 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

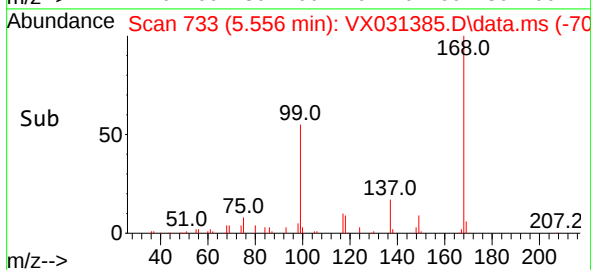
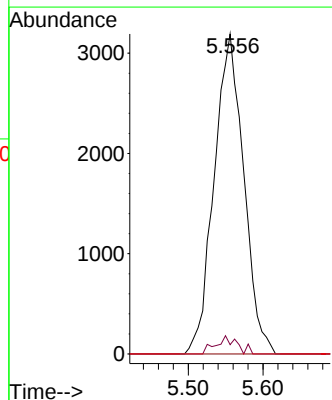
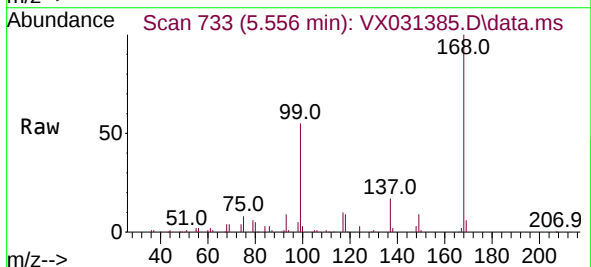
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-318-320

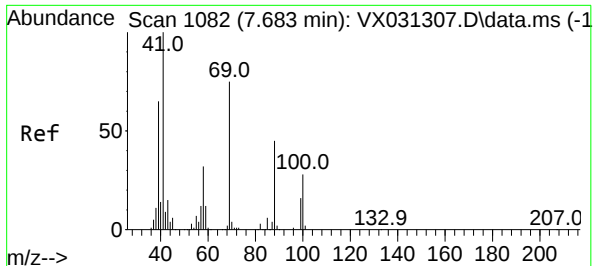
Tgt Ion: 75 Resp: 7338
Ion Ratio Lower Upper
75 100
110 5.1 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.776 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

Tgt Ion: 117 Resp: 8780
Ion Ratio Lower Upper
117 100
119 2.9 74.6 112.0#
121 0.0 25.3 37.9#





#49

1,4-Dioxane

Concen: 0.525 ug/l

RT: 7.696 min Scan# 1082

Delta R.T. 0.012 min

Lab File: VX031385.D

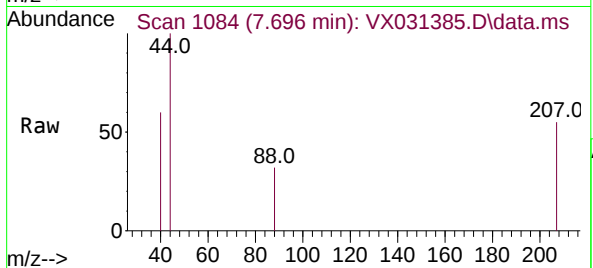
Acq: 16 Sep 2022 04:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-318-320



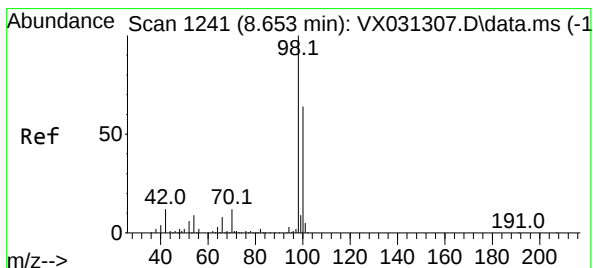
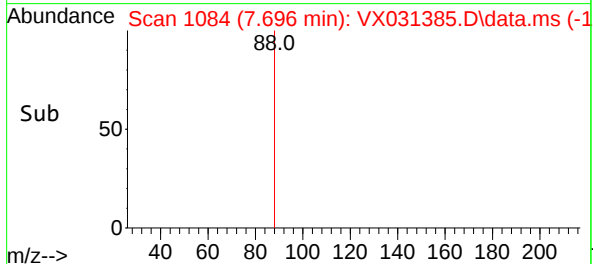
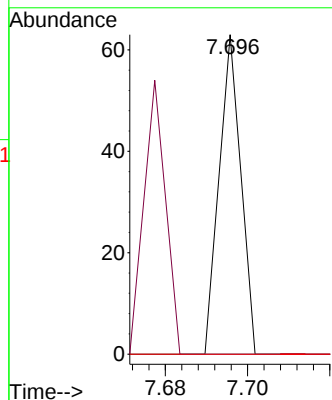
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 87.0 27.1 40.7#

58 0.0 53.9 80.9#



#50

Toluene-d8

Concen: 48.669 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031385.D

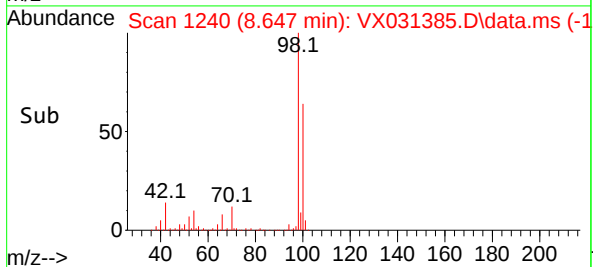
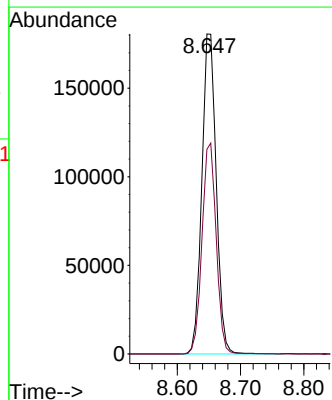
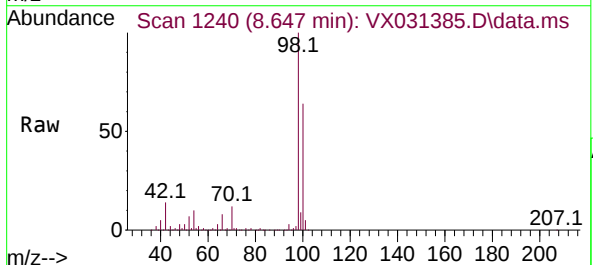
Acq: 16 Sep 2022 04:39

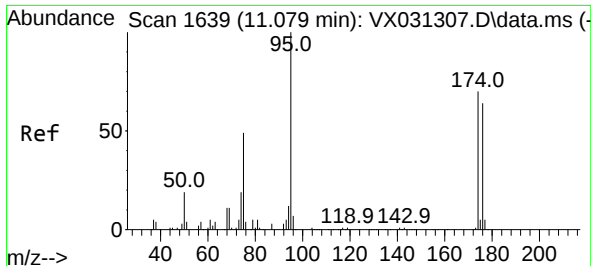
Tgt Ion: 98 Resp: 285332

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7

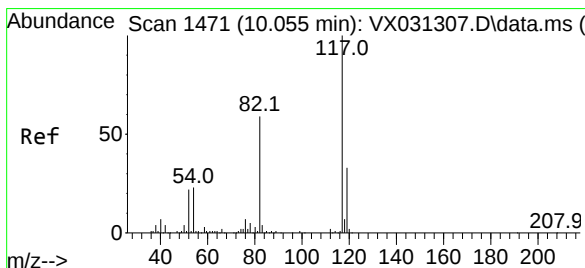
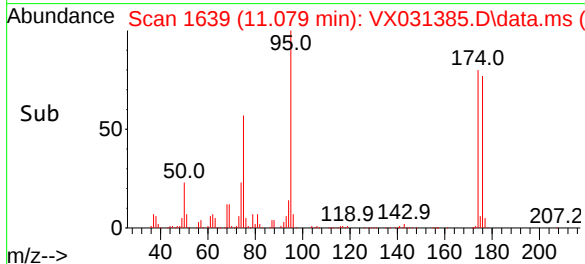
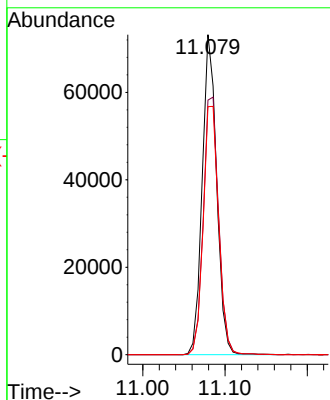
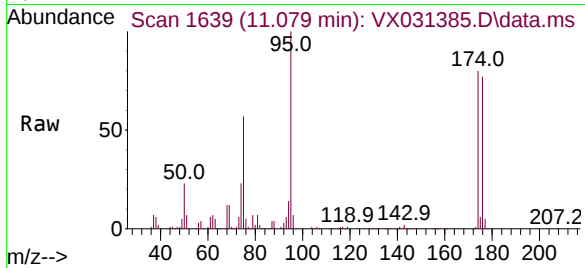




#62
4-Bromofluorobenzene
Concen: 41.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

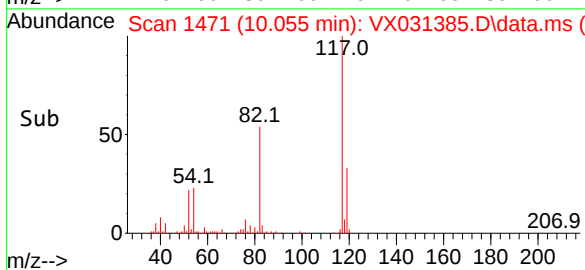
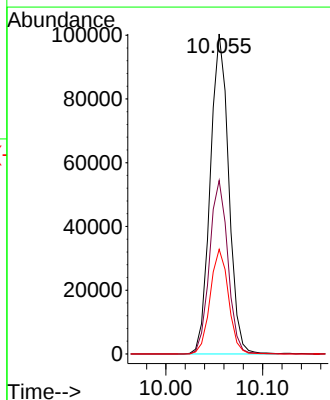
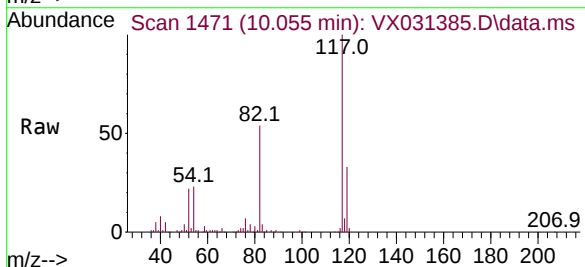
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-318-320

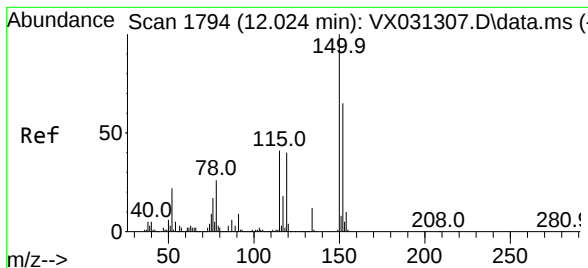
Tgt Ion: 95 Resp: 89049
Ion Ratio Lower Upper
95 100
174 85.8 0.0 153.2
176 83.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031385.D
Acq: 16 Sep 2022 04:39

Tgt Ion: 117 Resp: 132954
Ion Ratio Lower Upper
117 100
82 54.2 46.8 70.2
119 32.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031385.D

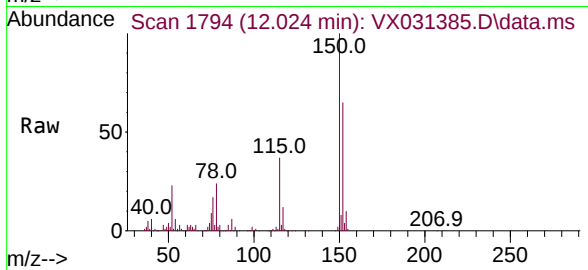
Acq: 16 Sep 2022 04:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-318-320



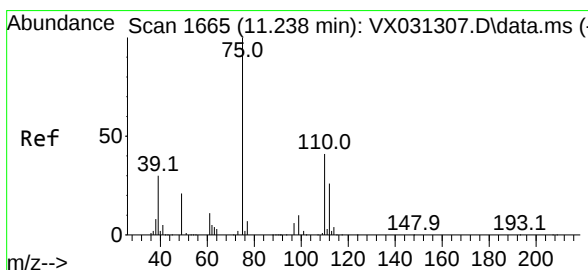
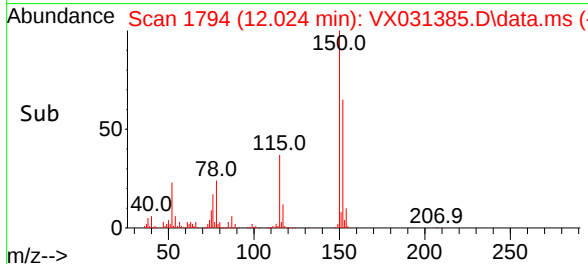
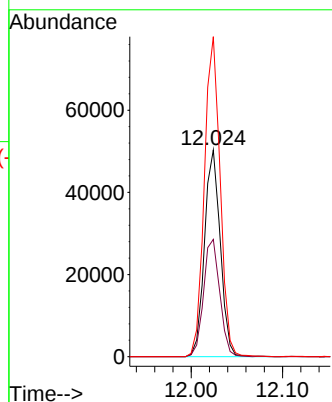
Tgt Ion:152 Resp: 60111

Ion Ratio Lower Upper

152 100

115 58.3 43.4 130.1

150 154.8 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 33.802 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX031385.D

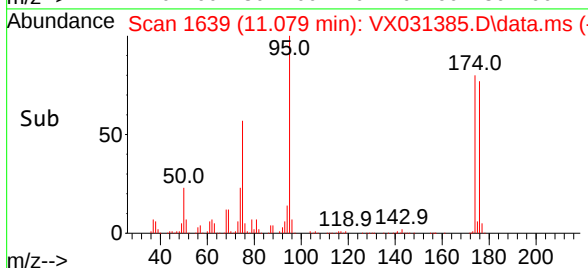
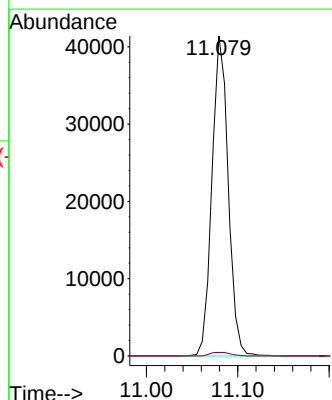
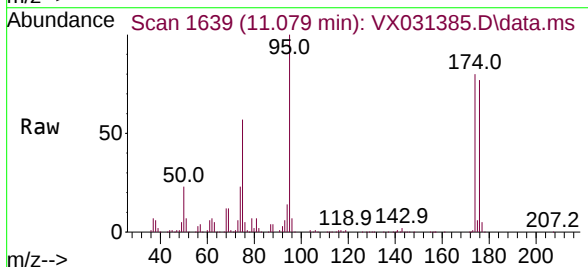
Acq: 16 Sep 2022 04:39

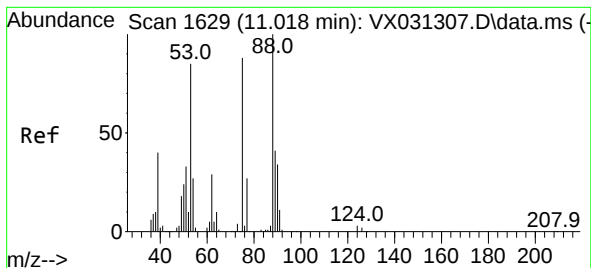
Tgt Ion: 75 Resp: 51203

Ion Ratio Lower Upper

75 100

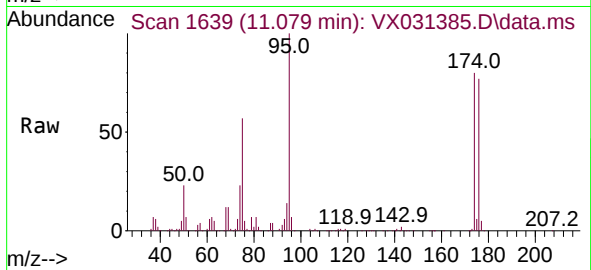
77 1.4 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.530 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031385.D
 Acq: 16 Sep 2022 04:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-318-320



Tgt Ion: 75 Resp: 51203
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

