

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031386.D
 Acq On : 16 Sep 2022 05:02
 Operator : JC/MD
 Sample : N4626-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-338-340

Quant Time: Sep 16 08:47:44 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)

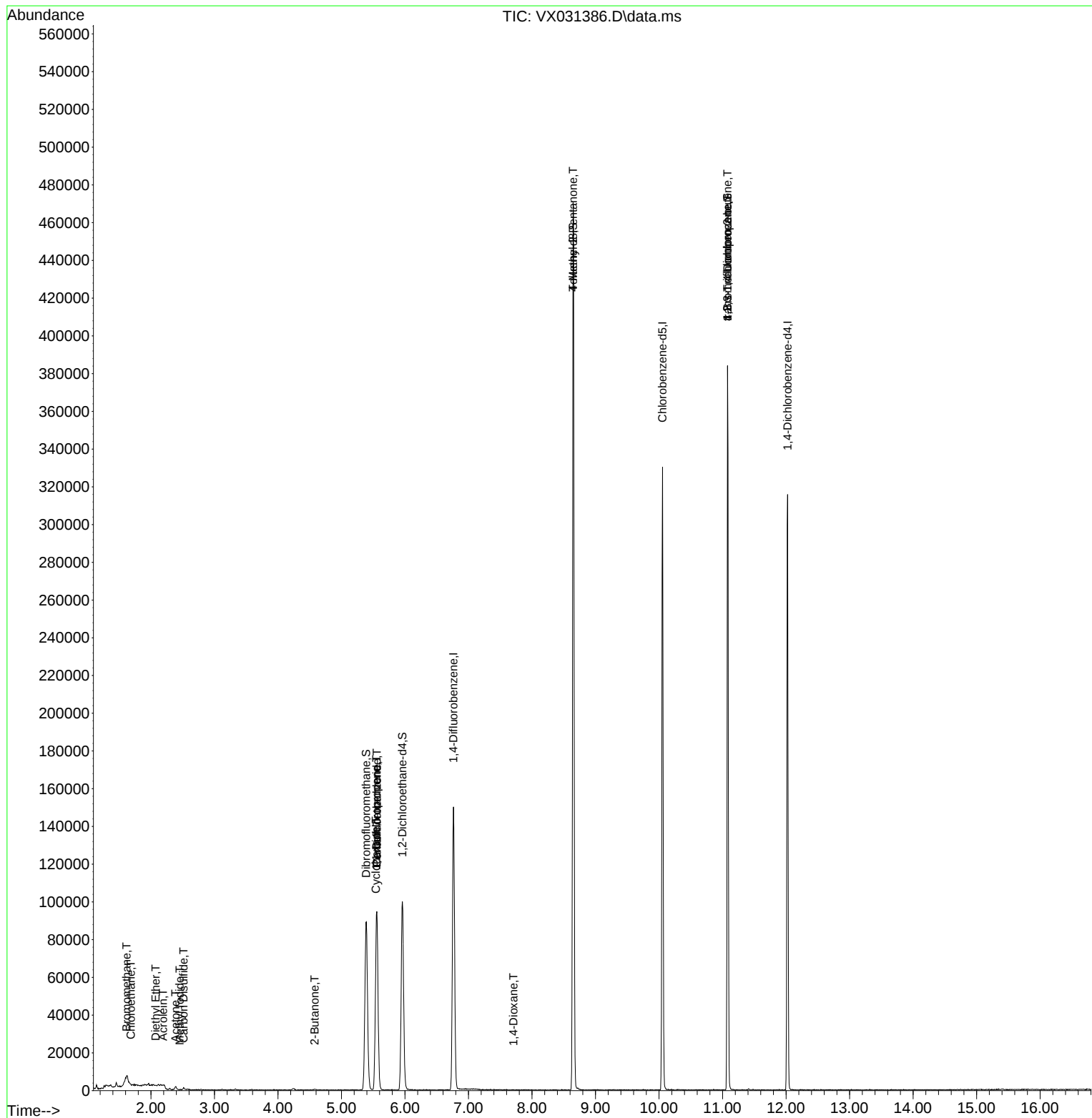
Internal Standards						
1) Pentafluorobenzene	5.556	168	89130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91010	41.600	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.200%		
35) Dibromofluoromethane	5.385	113	74037	45.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.000%		
50) Toluene-d8	8.647	98	275698	45.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.340%		
62) 4-Bromofluorobenzene	11.079	95	85957	38.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	76.920%#		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	333	Below Cal		92
5) Bromomethane	1.617	94	562	0.481 ug/l		99
6) Chloroethane	1.685	64	248	0.222 ug/l #		43
8) Diethyl Ether	2.075	74	21	0.545 ug/l #		1
10) Methyl Iodide	2.453	142	117	0.988 ug/l #		38
11) Tert butyl alcohol	2.947	59	25	Below Cal #		73
13) Acrolein	2.191	56	59	0.234 ug/l #		54
16) Acetone	2.386	43	2043	2.187 ug/l		90
17) Carbon Disulfide	2.514	76	1238	1.288 ug/l #		75
20) Methylene Chloride	2.788	84	167	Below Cal #		58
21) trans-1,2-Dichloroethene	3.117	96	39	Below Cal #		1
25) 2-Butanone	4.574	43	836	0.543 ug/l #		49
31) Cyclohexane	5.544	56	2416	1.028 ug/l #		52
36) 1,1-Dichloropropene	5.550	75	7275	3.267 ug/l #		50
38) Carbon Tetrachloride	5.556	117	9363	3.868 ug/l #		18
49) 1,4-Dioxane	7.708	88	70	1.535 ug/l #		24
51) 4-Methyl-2-Pentanone	8.647	43	1452	0.478 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	50062	32.610 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	50062	90.233 ug/l #		11

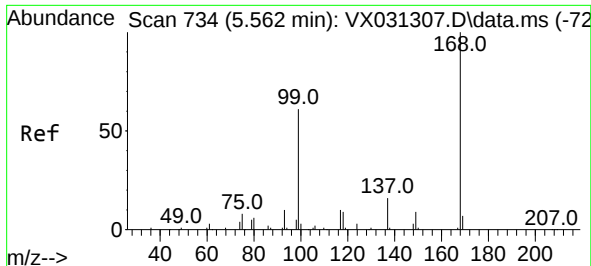
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 15 01:50:07 2022
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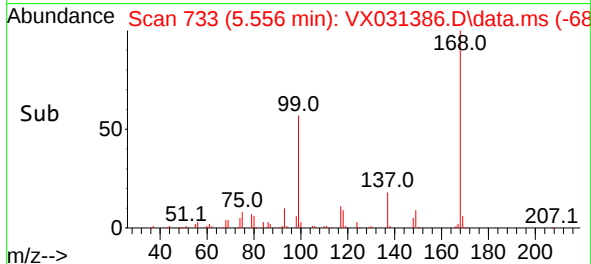
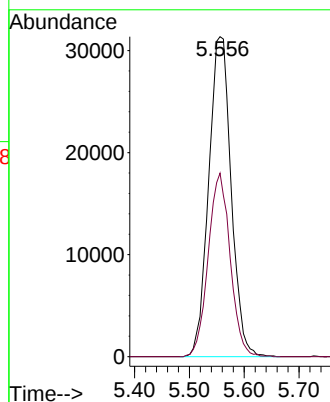
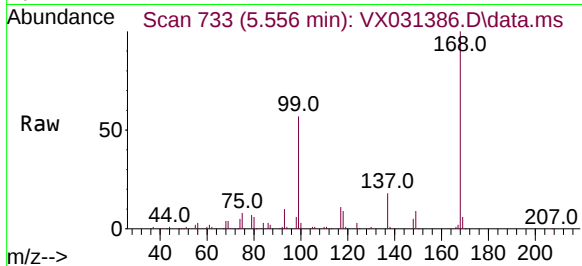




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

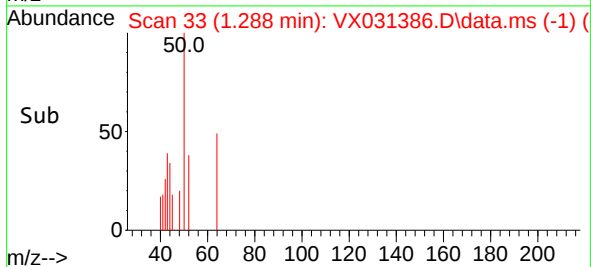
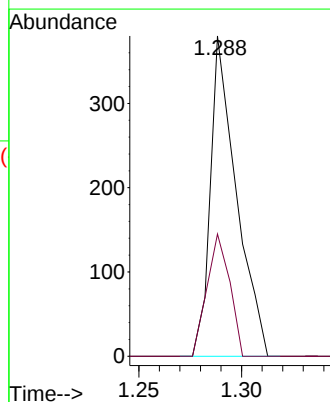
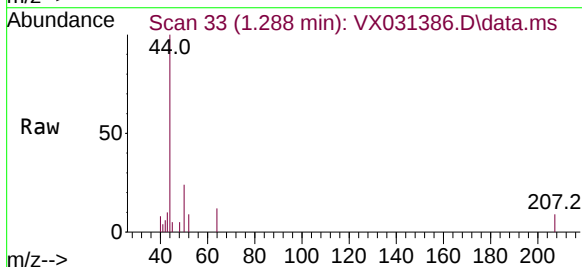
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-338-340

Tgt Ion:168 Resp: 89130
Ion Ratio Lower Upper
168 100
99 57.3 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 38.2 26.9 40.3

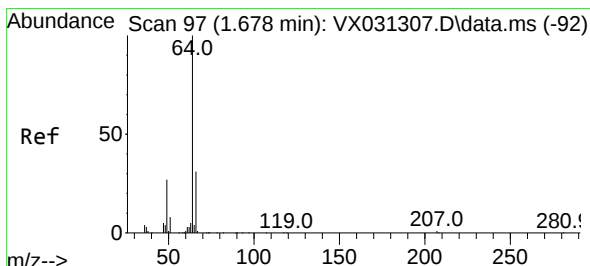
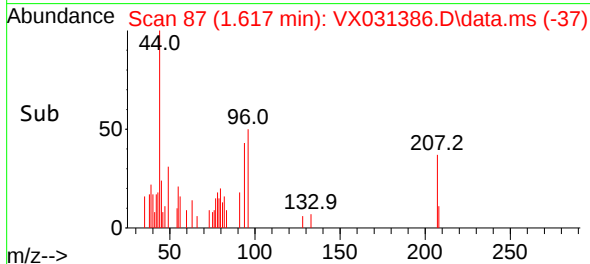
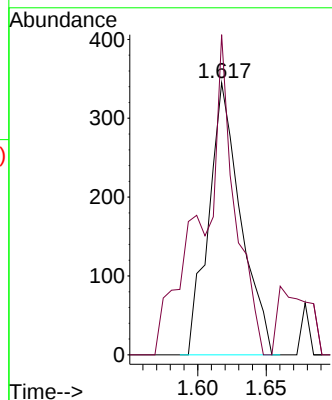
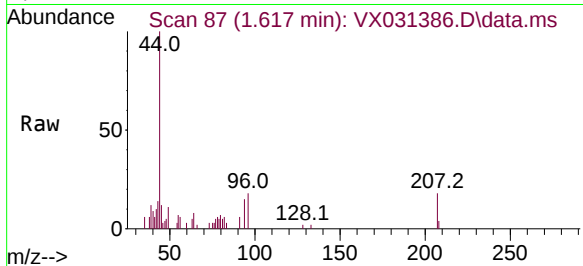




#5
Bromomethane
Concen: 0.481 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

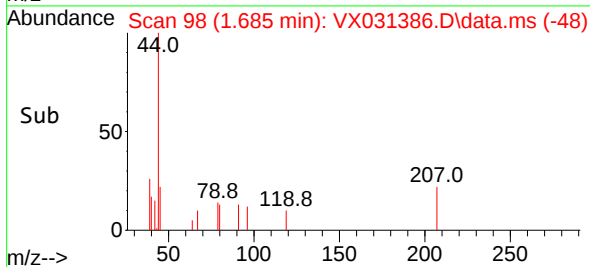
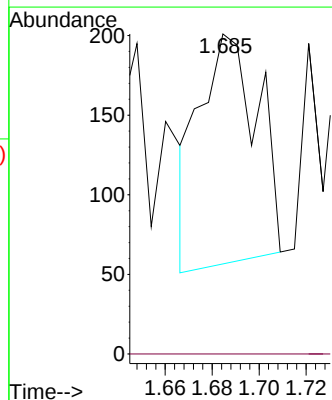
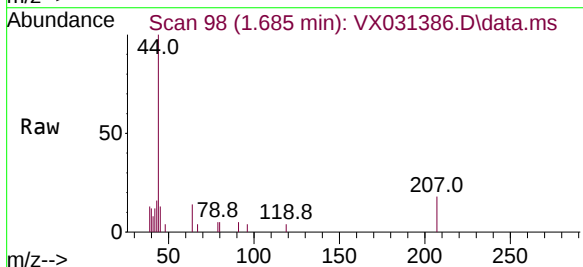
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-338-340

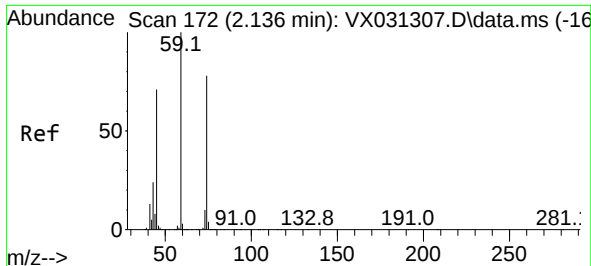
Tgt Ion: 94 Resp: 562
Ion Ratio Lower Upper
94 100
96 93.6 74.4 111.6



#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

Tgt Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

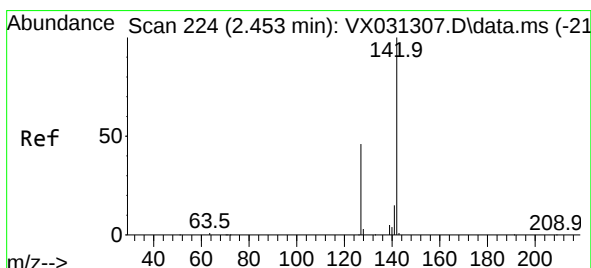
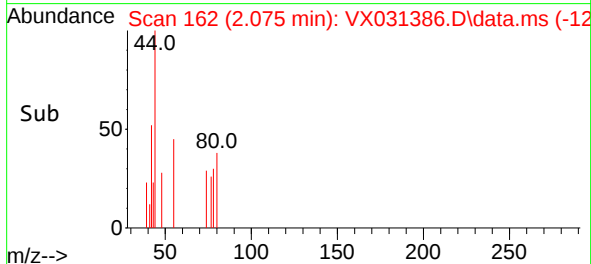
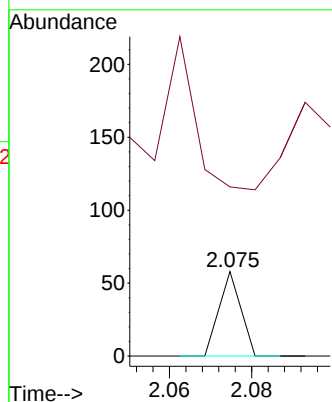
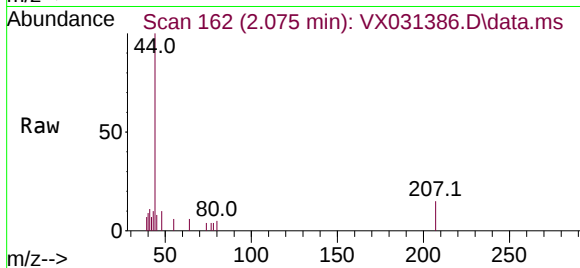




#8
Diethyl Ether
Concen: 0.545 ug/l
RT: 2.075 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

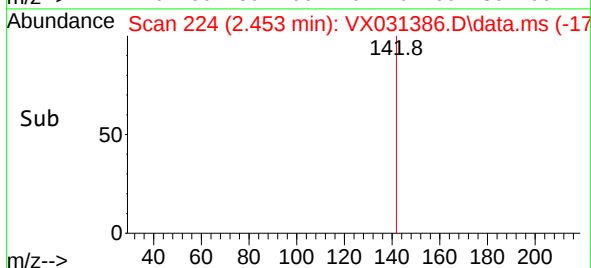
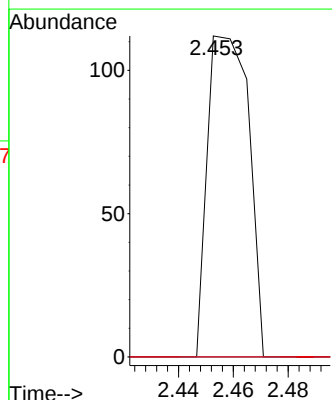
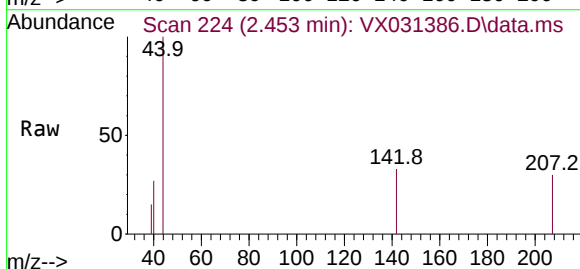
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-338-340

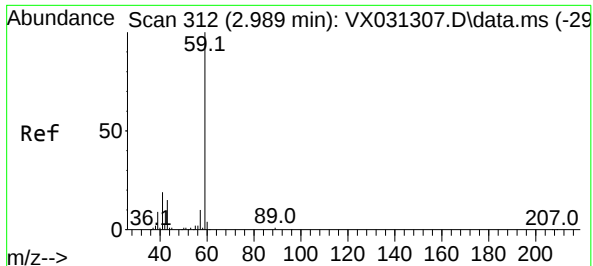
Tgt Ion: 74 Resp: 21
Ion Ratio Lower Upper
74 100
45 261.9 48.5 145.6#



#10
Methyl Iodide
Concen: 0.988 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

Tgt Ion: 142 Resp: 117
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: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031386.D

Acq: 16 Sep 2022 05:02

Instrument :

MSVOA_X

ClientSampleId :

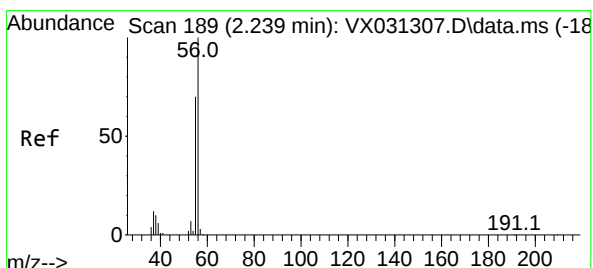
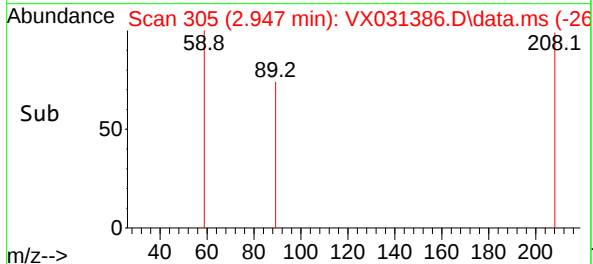
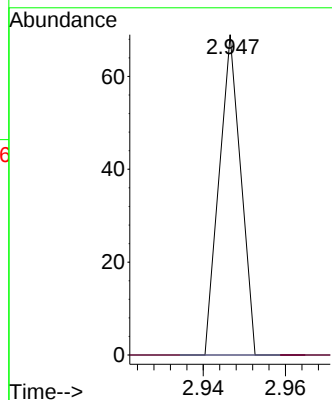
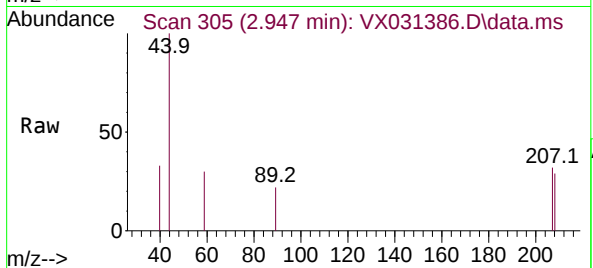
BP-VPB-RW5-GW-338-340

Tgt Ion: 59 Resp: 25

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.234 ug/l

RT: 2.191 min Scan# 181

Delta R.T. -0.048 min

Lab File: VX031386.D

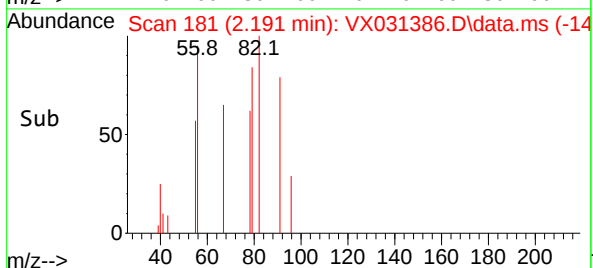
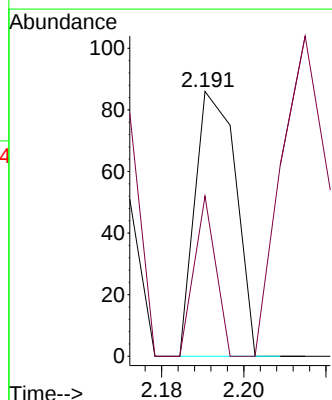
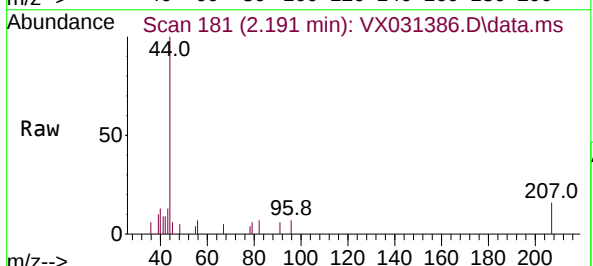
Acq: 16 Sep 2022 05:02

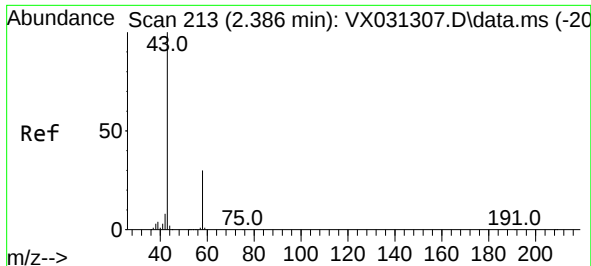
Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 32.2 56.0 84.0#

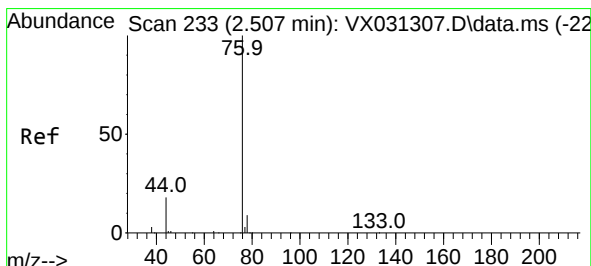
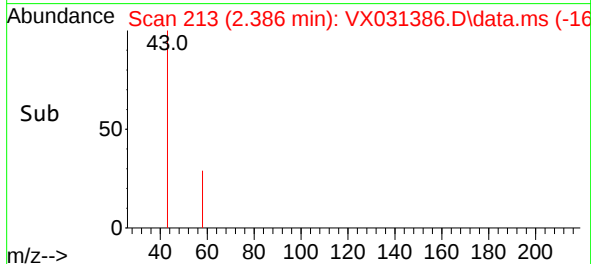
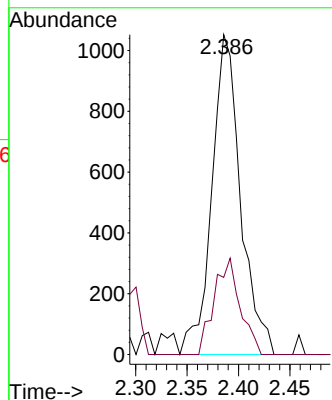
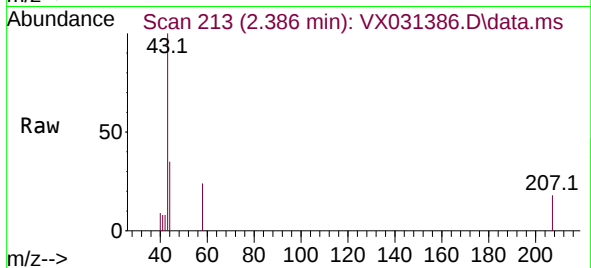




#16
Acetone
Concen: 2.187 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

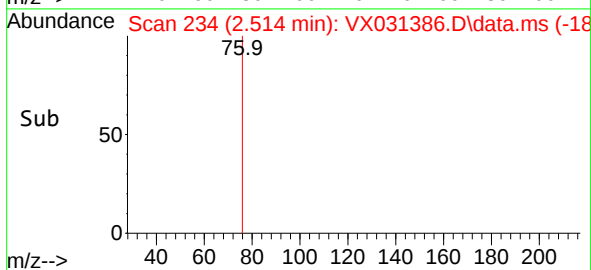
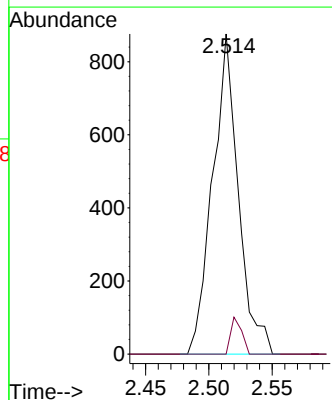
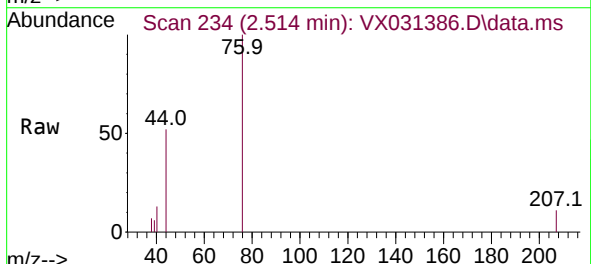
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-338-340

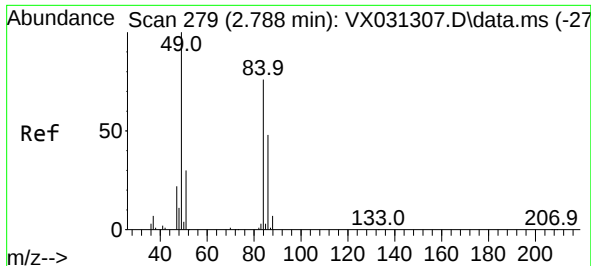
Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 24.1 23.8 35.8



#17
Carbon Disulfide
Concen: 1.288 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

Tgt Ion: 76 Resp: 1238
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031386.D

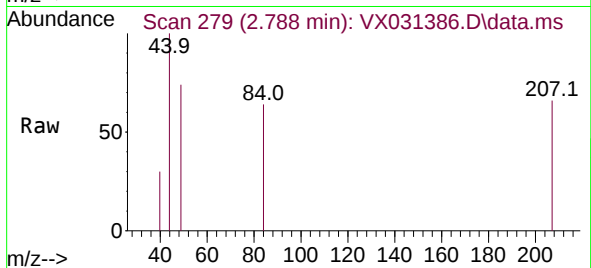
Acq: 16 Sep 2022 05:02

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-338-340



Tgt Ion: 84 Resp: 167

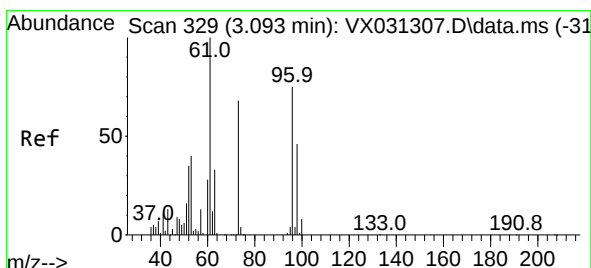
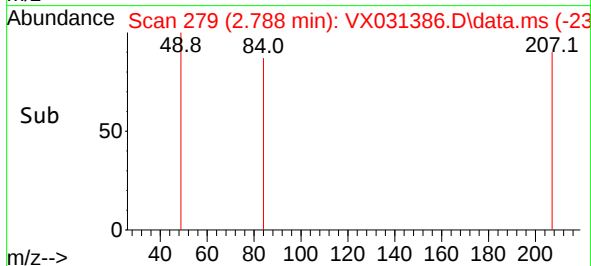
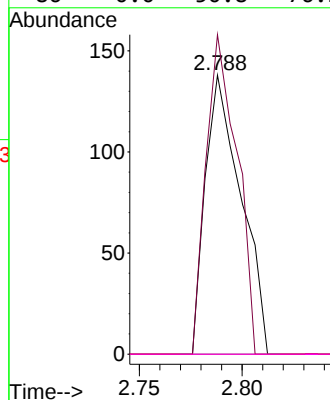
Ion Ratio Lower Upper

84 100

49 114.5 105.9 158.9

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.117 min Scan# 333

Delta R.T. 0.024 min

Lab File: VX031386.D

Acq: 16 Sep 2022 05:02

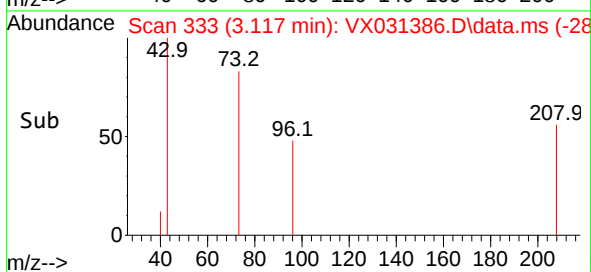
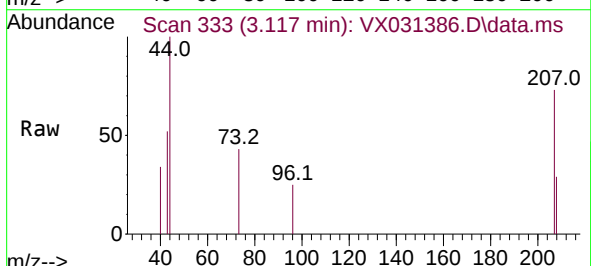
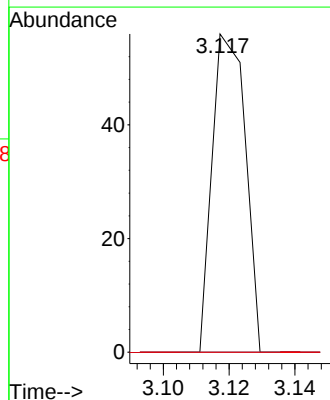
Tgt Ion: 96 Resp: 39

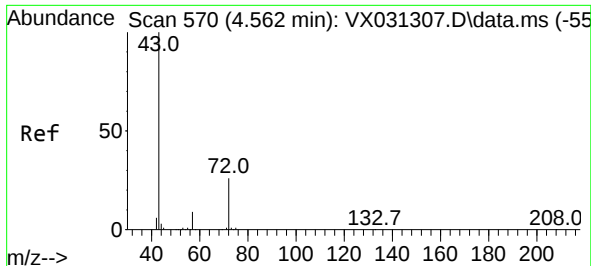
Ion Ratio Lower Upper

96 100

61 0.0 106.7 160.1#

98 0.0 48.7 73.1#

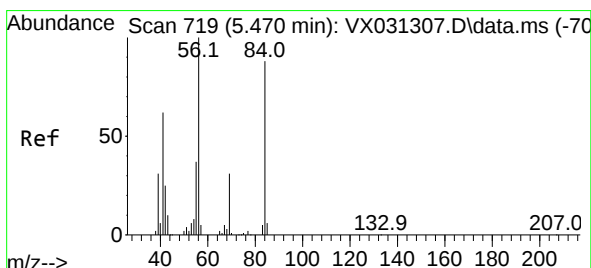
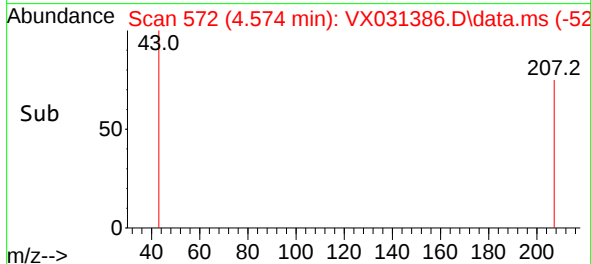
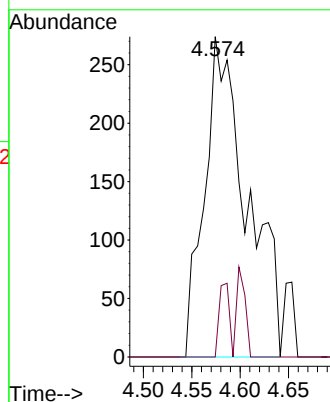
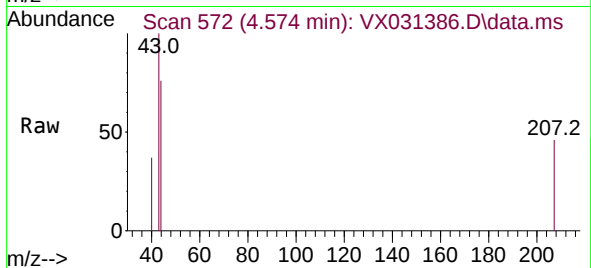




#25
2-Butanone
Concen: 0.543 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

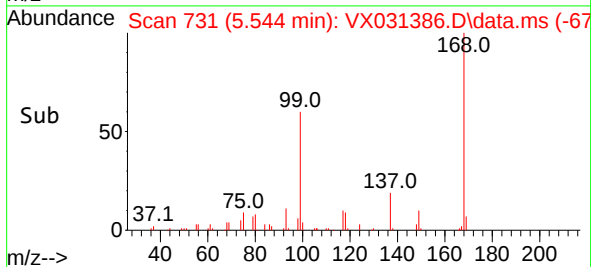
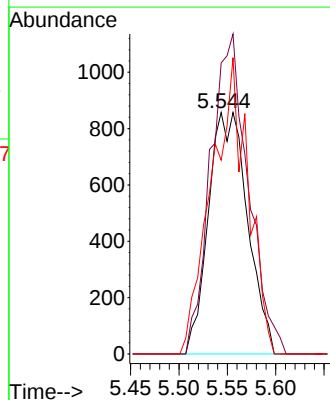
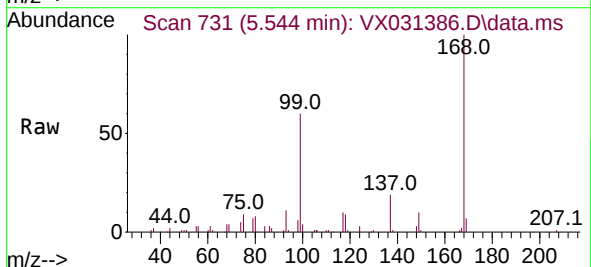
Instrument :
MSVOA_X
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BP-VPB-RW5-GW-338-340

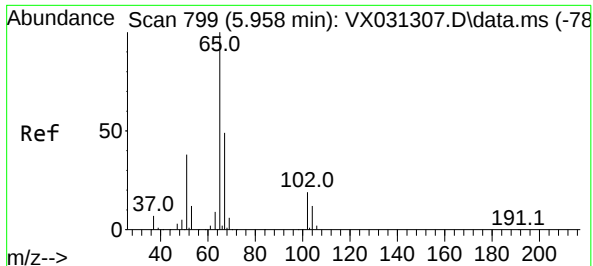
Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 1.028 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

Tgt Ion: 56 Resp: 2416
Ion Ratio Lower Upper
56 100
69 120.5 25.1 37.7#
84 80.3 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 41.600 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031386.D

Acq: 16 Sep 2022 05:02

Instrument :

MSVOA_X

ClientSampleId :

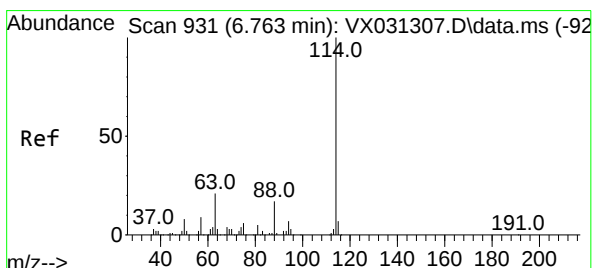
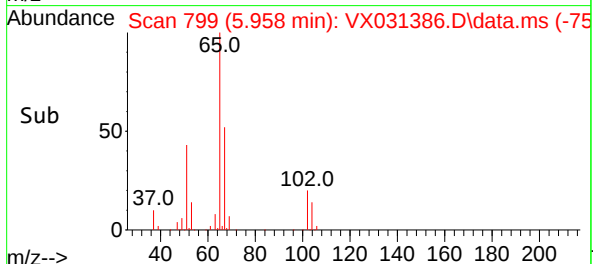
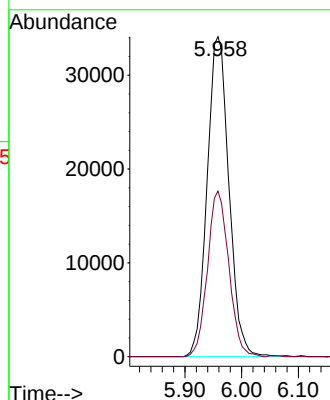
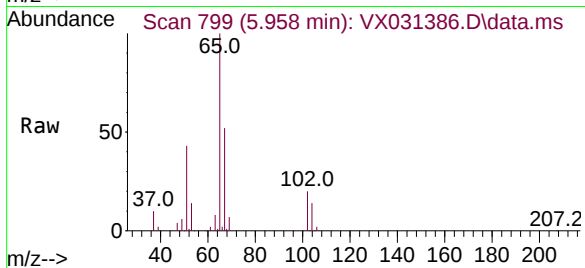
BP-VPB-RW5-GW-338-340

Tgt Ion: 65 Resp: 91010

Ion Ratio Lower Upper

65 100

67 50.7 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: VX031386.D

Acq: 16 Sep 2022 05:02

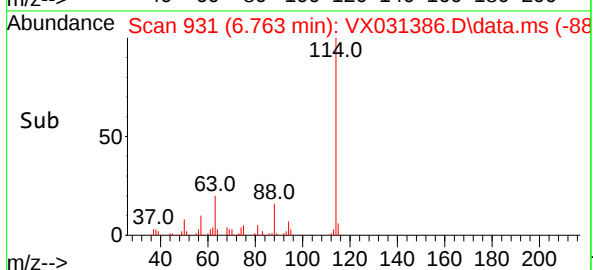
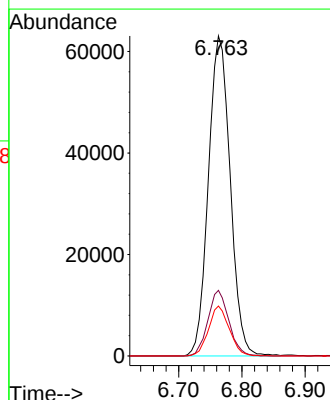
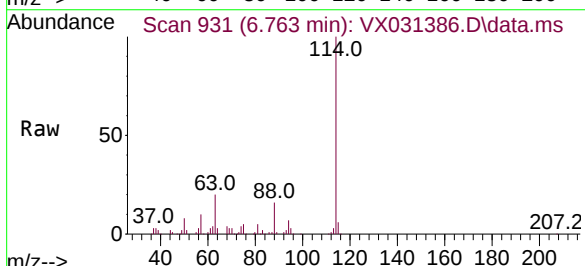
Tgt Ion: 114 Resp: 151360

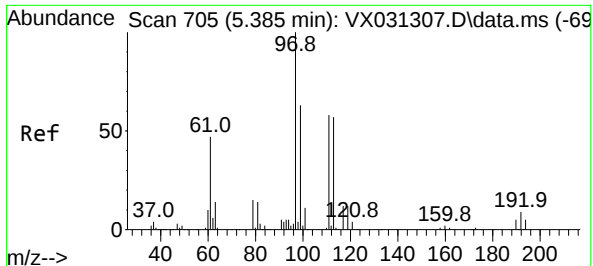
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.505 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031386.D

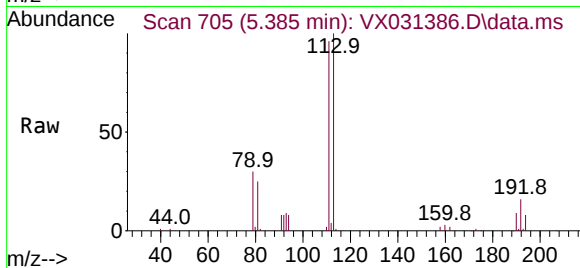
Acq: 16 Sep 2022 05:02

Instrument :

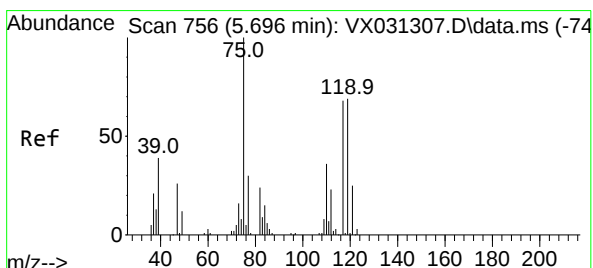
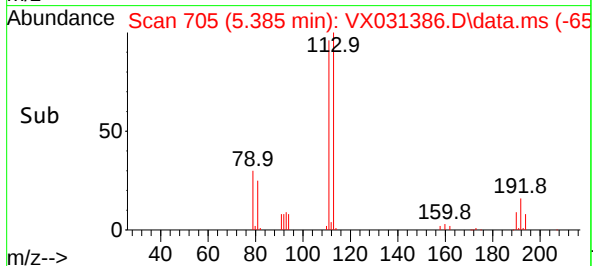
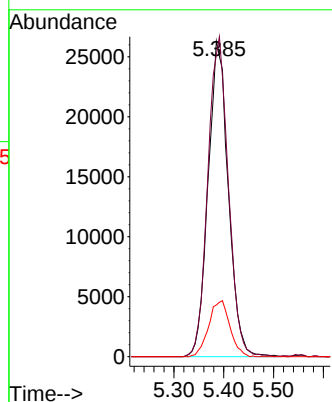
MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-338-340



Tgt Ion:	113	Resp:	74037
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	18.7	14.1	21.1



#36

1,1-Dichloropropene

Concen: 3.267 ug/l

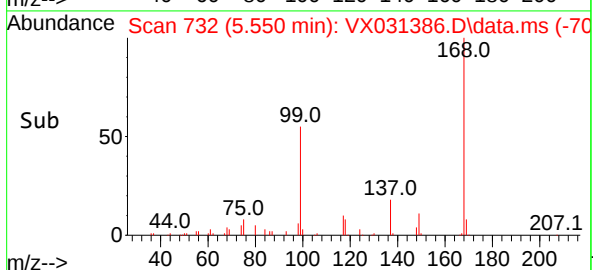
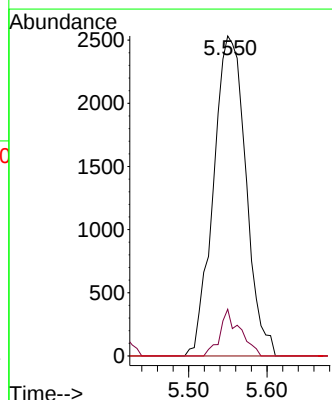
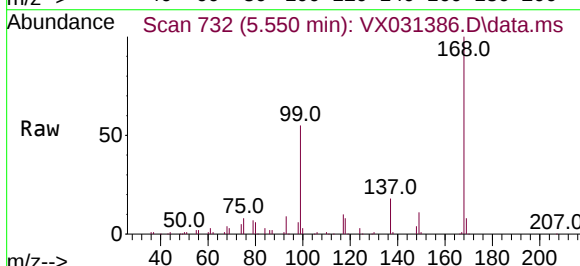
RT: 5.550 min Scan# 732

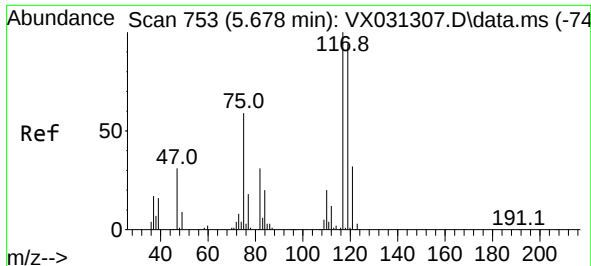
Delta R.T. -0.146 min

Lab File: VX031386.D

Acq: 16 Sep 2022 05:02

Tgt Ion:	75	Resp:	7275
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.5#
77	0.0	24.9	37.3#

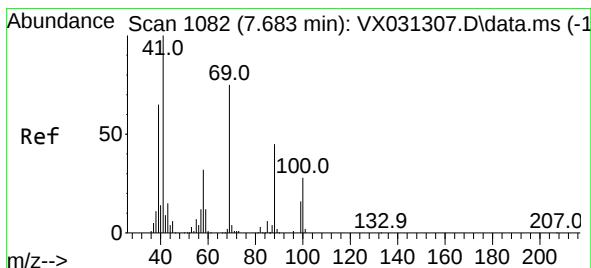
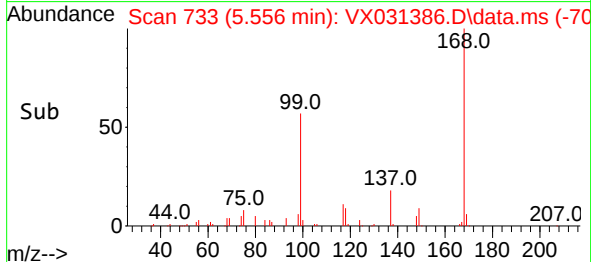
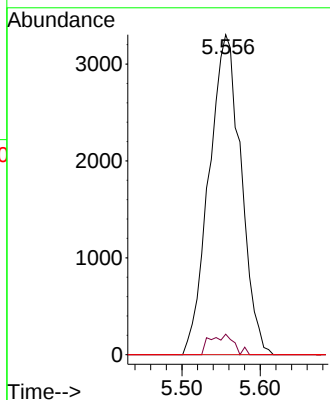
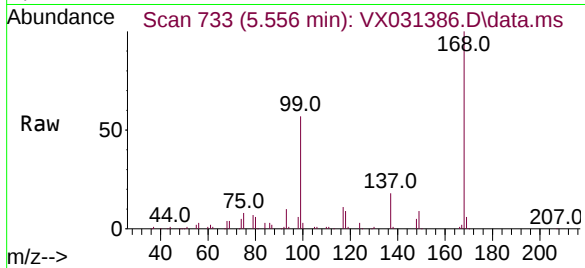




#38
Carbon Tetrachloride
Concen: 3.868 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

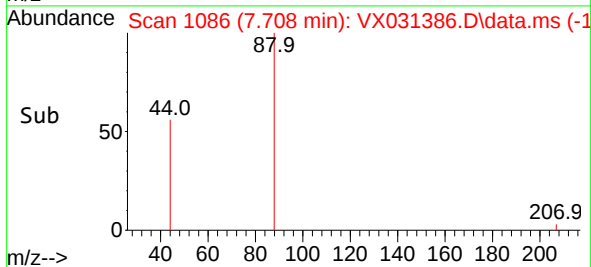
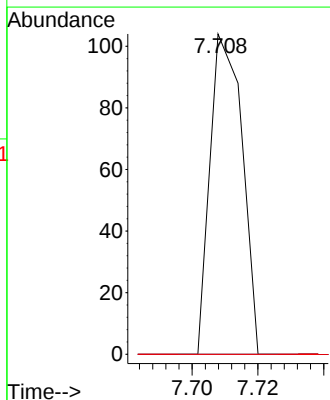
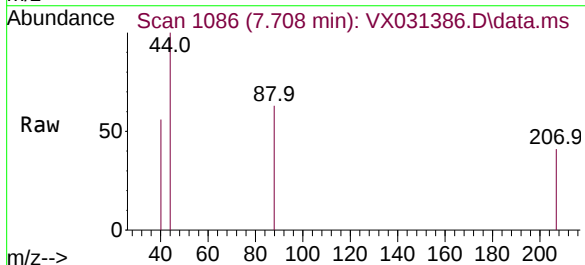
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-338-340

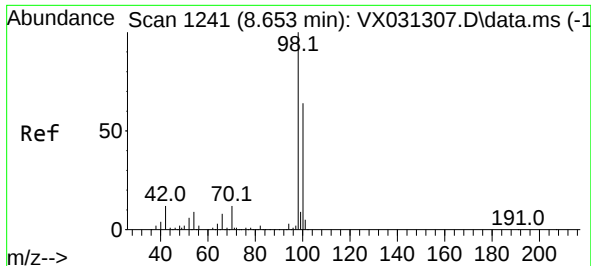
Tgt Ion:117 Resp: 9363
Ion Ratio Lower Upper
117 100
119 6.4 74.6 112.0#
121 0.0 25.3 37.9#



#49
1,4-Dioxane
Concen: 1.535 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.024 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 0.0 27.1 40.7#
58 0.0 53.9 80.9#

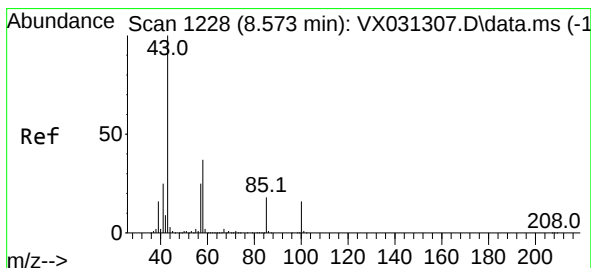
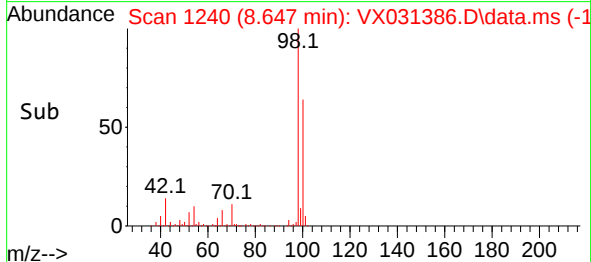
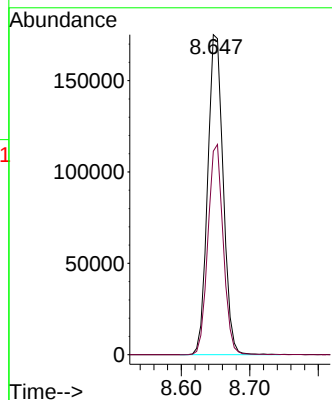
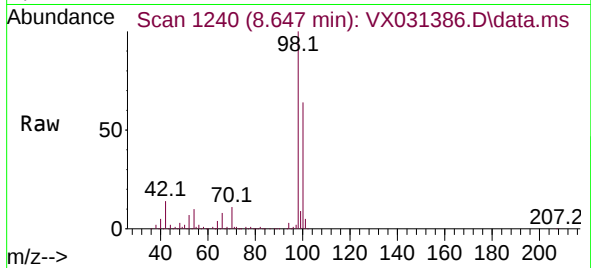




#50
Toluene-d8
Concen: 45.173 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

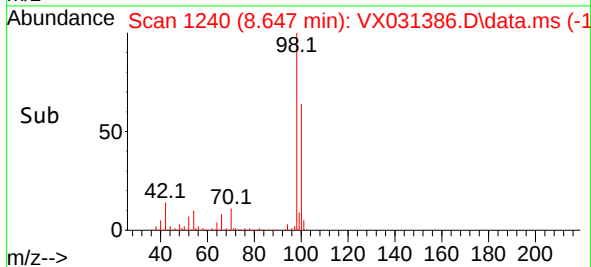
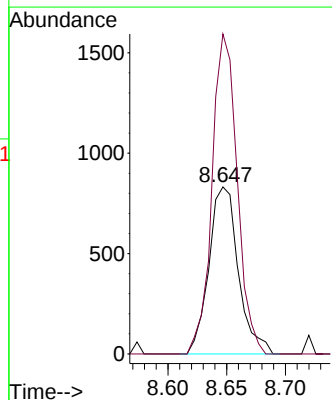
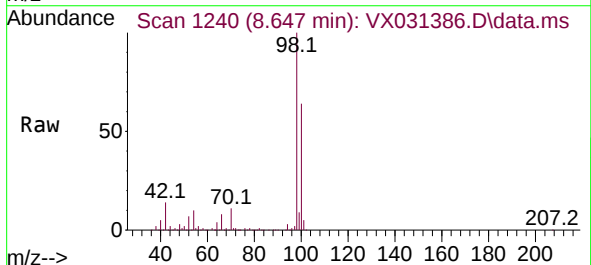
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-338-340

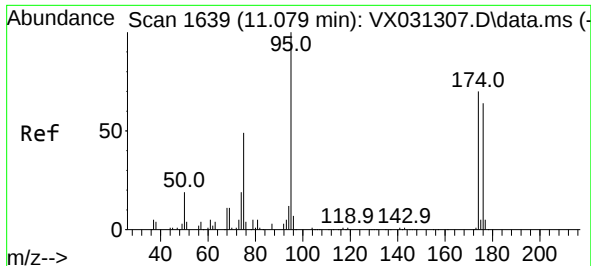
Tgt Ion: 98 Resp: 275698
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
58 163.8 30.6 46.0#

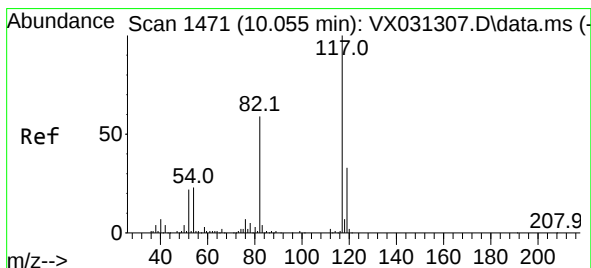
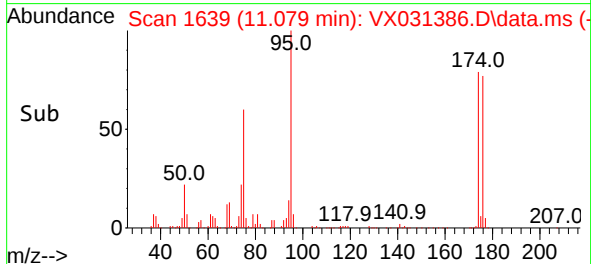
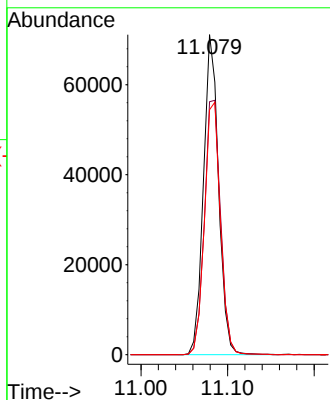
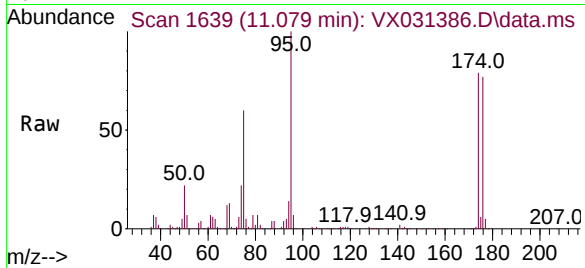




#62
4-Bromofluorobenzene
Concen: 38.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

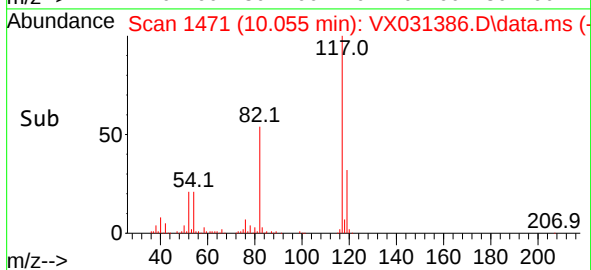
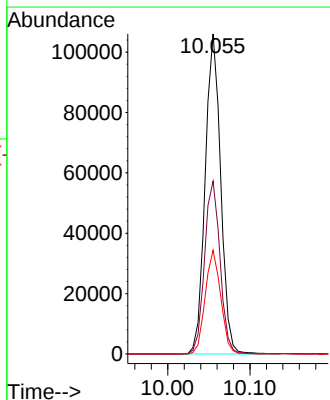
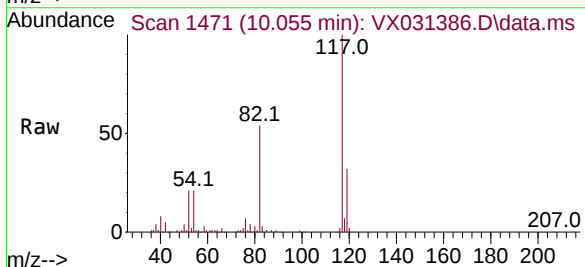
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-338-340

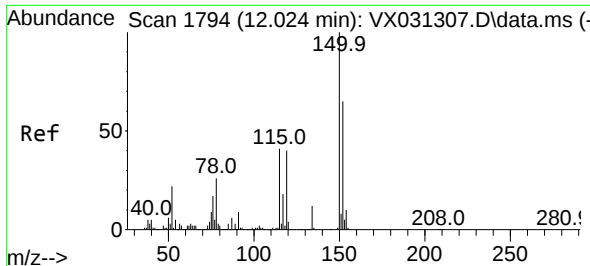
Tgt Ion: 95 Resp: 85957
Ion Ratio Lower Upper
95 100
174 85.6 0.0 153.2
176 83.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031386.D
Acq: 16 Sep 2022 05:02

Tgt Ion: 117 Resp: 138943
Ion Ratio Lower Upper
117 100
82 54.0 46.8 70.2
119 32.4 26.4 39.6

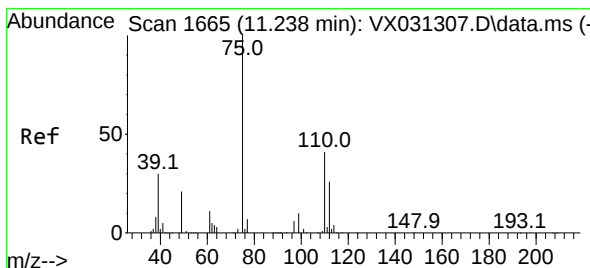
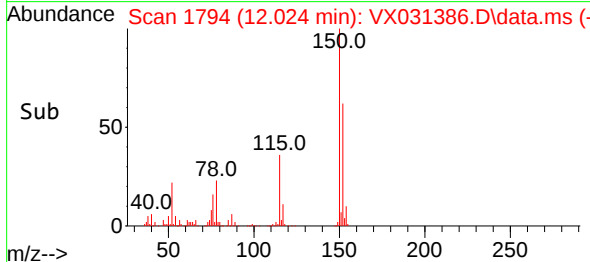
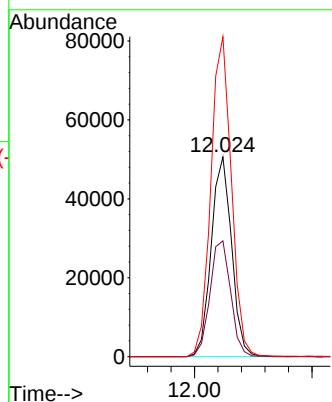
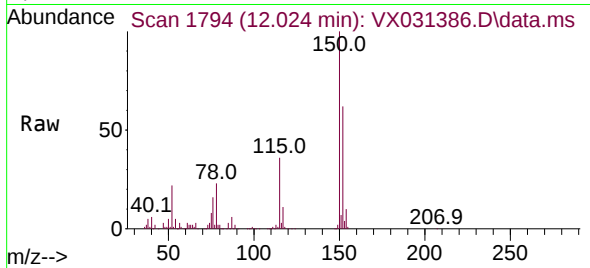




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031386.D
 Acq: 16 Sep 2022 05:02

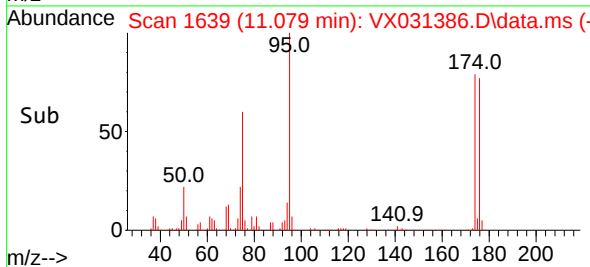
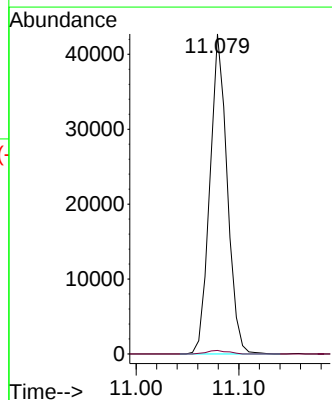
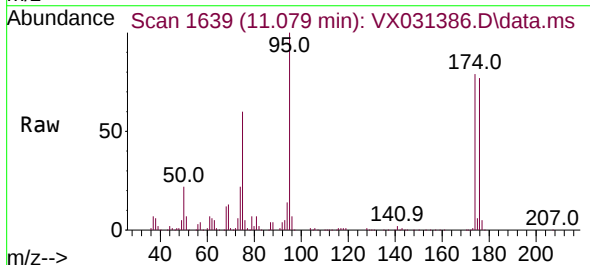
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-338-340

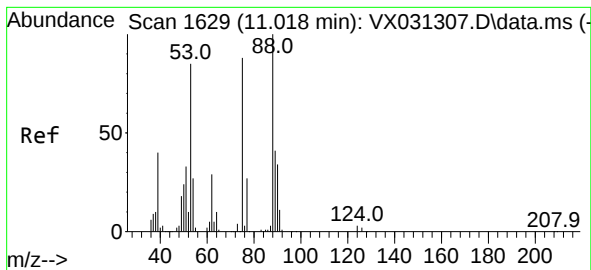
Tgt Ion:152 Resp: 60919
 Ion Ratio Lower Upper
 152 100
 115 59.2 43.4 130.1
 150 160.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 32.610 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031386.D
 Acq: 16 Sep 2022 05:02

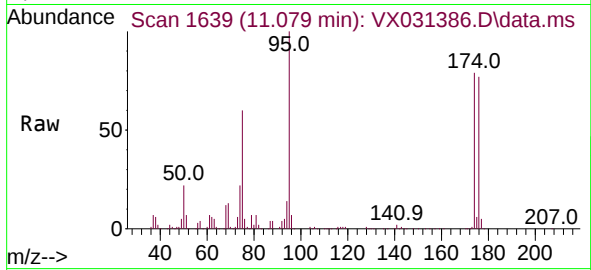
Tgt Ion: 75 Resp: 50062
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.233 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031386.D
 Acq: 16 Sep 2022 05:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-338-340



Tgt Ion: 75 Resp: 50062
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

