

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031473.D
 Acq On : 19 Sep 2022 20:23
 Operator : JC/MD
 Sample : N4558-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-278-280RE

Quant Time: Sep 20 09:50:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

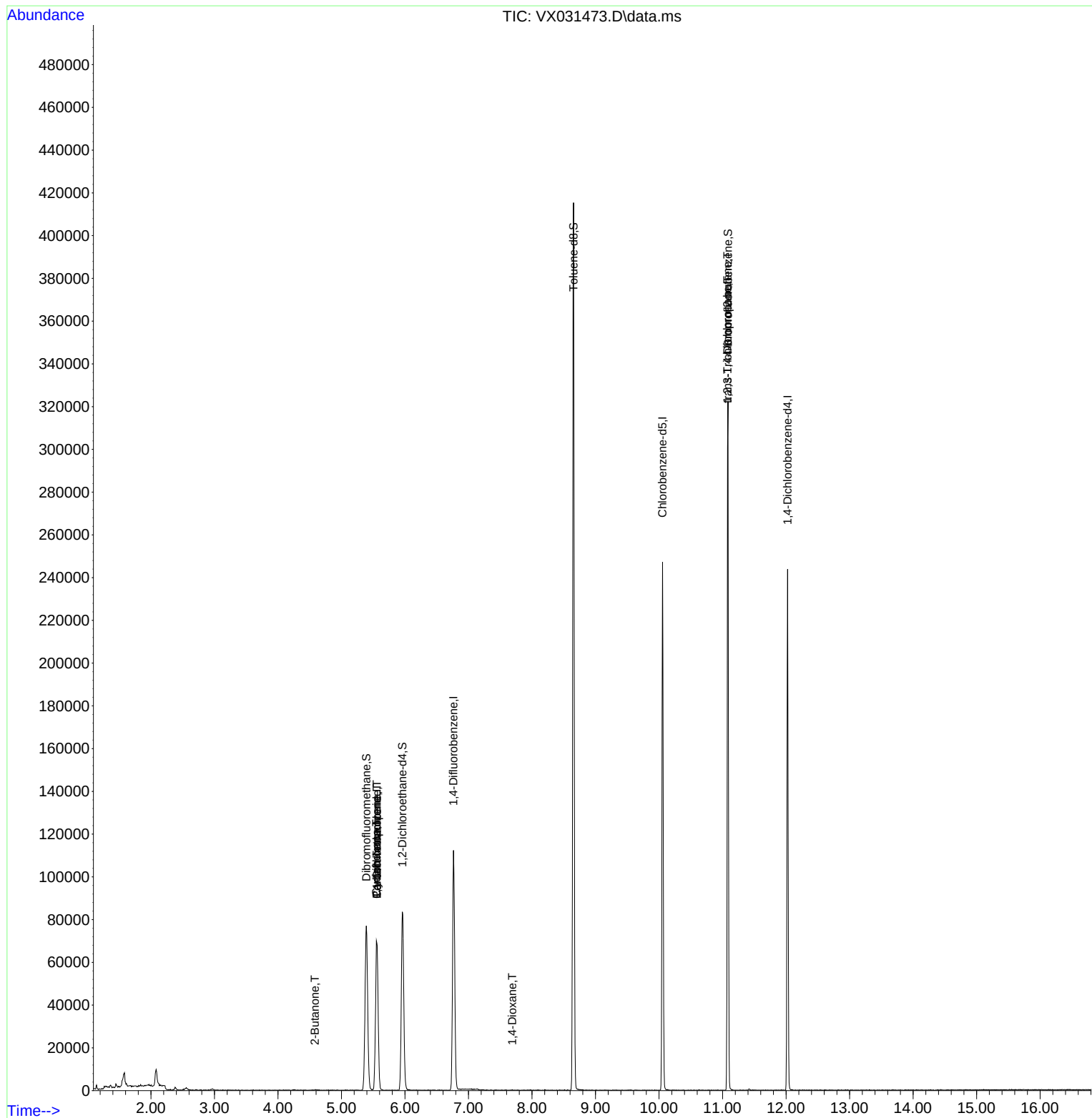
Internal Standards						
1) Pentafluorobenzene	5.556	168	67798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	113348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74672	60.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.320%			
35) Dibromofluoromethane	5.391	113	62693	53.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.120%			
50) Toluene-d8	8.653	98	238205	52.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.500%			
62) 4-Bromofluorobenzene	11.085	95	72977	47.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.420%			
Target Compounds						
6) Chloroethane	1.696	64	410	Below Cal	#	43
11) Tert butyl alcohol	2.971	59	800	Below Cal	#	81
13) Acrolein	2.203	56	47	Below Cal	#	15
16) Acetone	2.379	43	1297	Below Cal	#	76
20) Methylene Chloride	2.788	84	56	Below Cal	#	52
25) 2-Butanone	4.580	43	206	0.215	ug/l #	49
31) Cyclohexane	5.549	56	1807	0.980	ug/l #	56
36) 1,1-Dichloropropene	5.556	75	5161	2.865	ug/l #	46
38) Carbon Tetrachloride	5.556	117	6667	3.338	ug/l #	17
49) 1,4-Dioxane	7.689	88	101	2.930	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	11.085	83	91	Below Cal	#	8
76) 1,2,3-Trichloropropane	11.079	75	41602	40.273	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41602	129.672	ug/l #	11

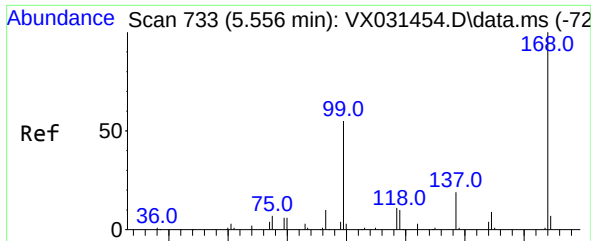
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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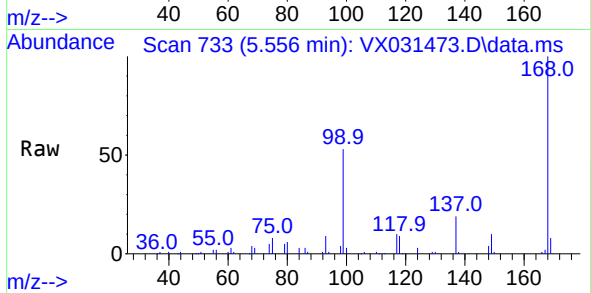
Quant Time: Sep 20 09:50:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
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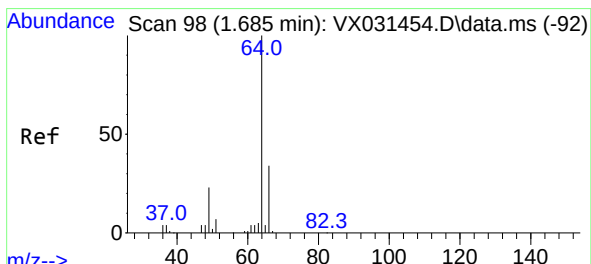
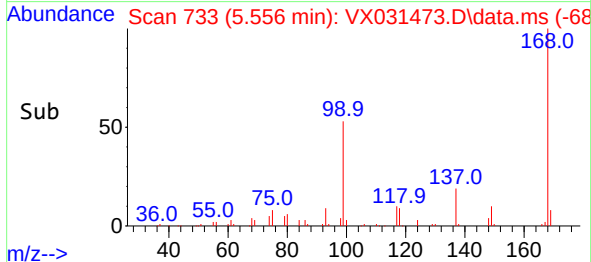
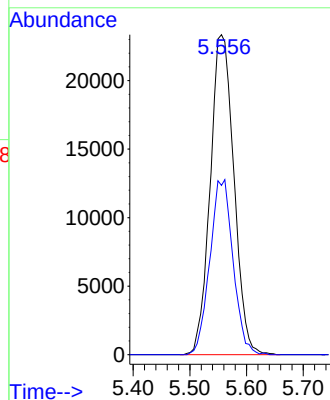


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-278-280RE

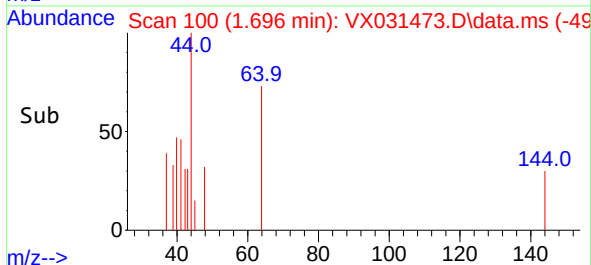
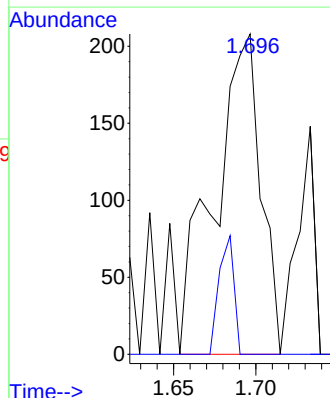
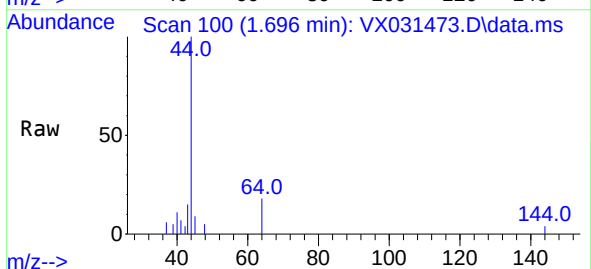


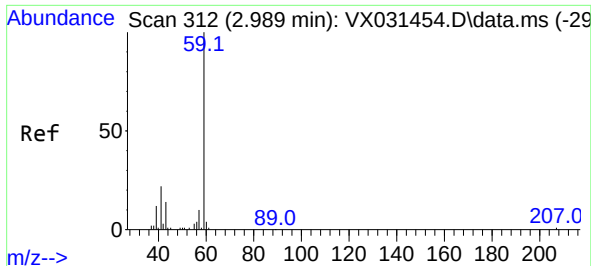
Tgt Ion:168 Resp: 67798
Ion Ratio Lower Upper
168 100
99 52.9 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.696 min Scan# 100
Delta R.T. 0.011 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Tgt Ion: 64 Resp: 410
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX031473.D

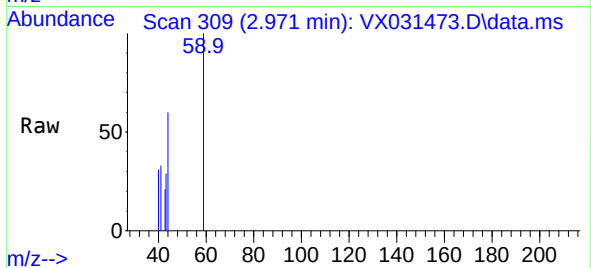
Acq: 19 Sep 2022 20:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-278-280RE

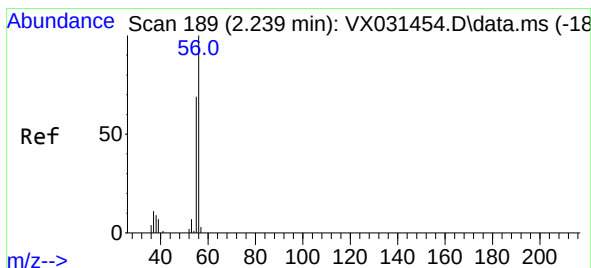
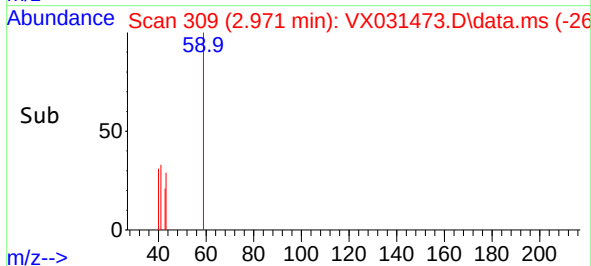
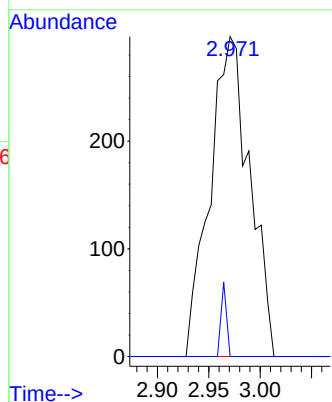


Tgt Ion: 59 Resp: 800

Ion Ratio Lower Upper

59 100

57 3.1 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.203 min Scan# 183

Delta R.T. -0.036 min

Lab File: VX031473.D

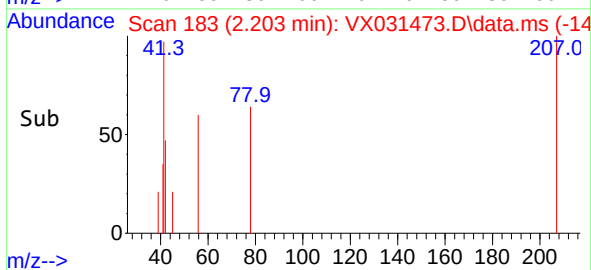
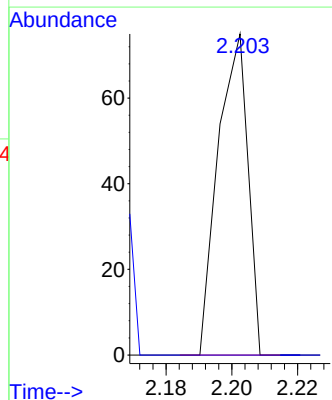
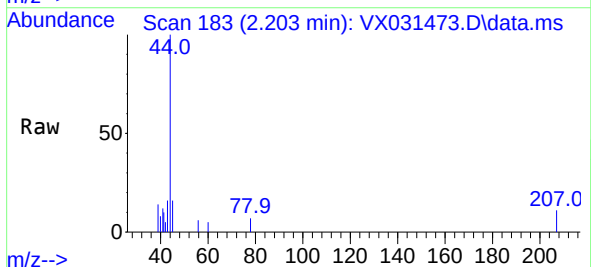
Acq: 19 Sep 2022 20:23

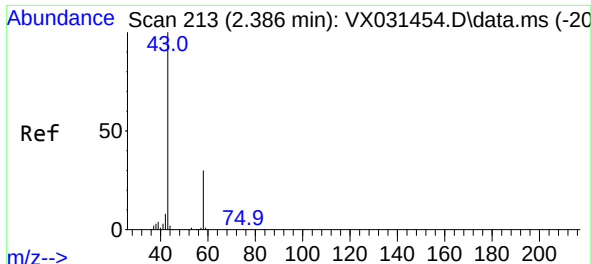
Tgt Ion: 56 Resp: 47

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

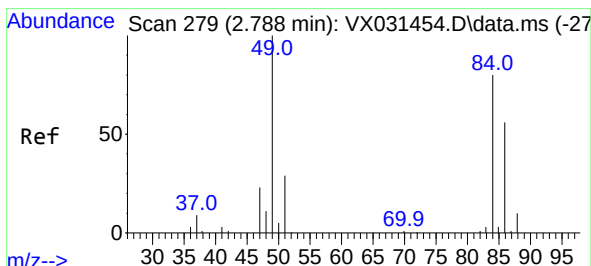
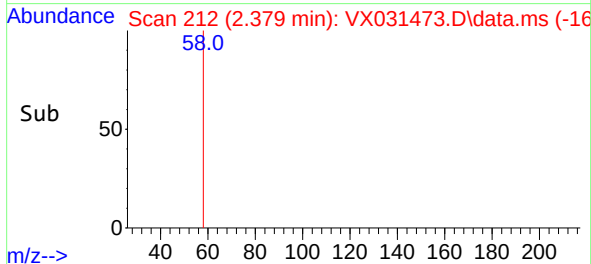
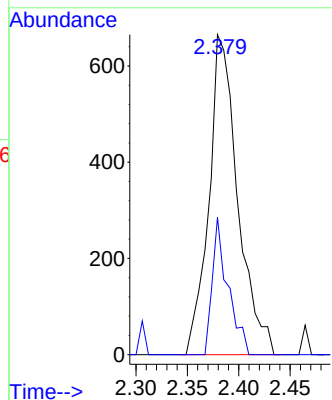
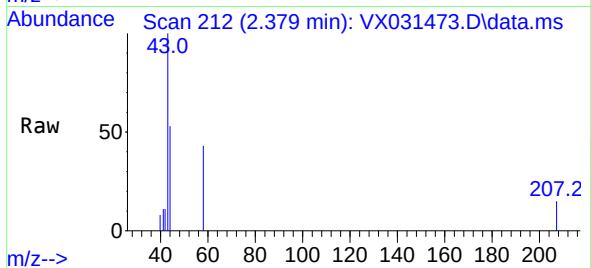




#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

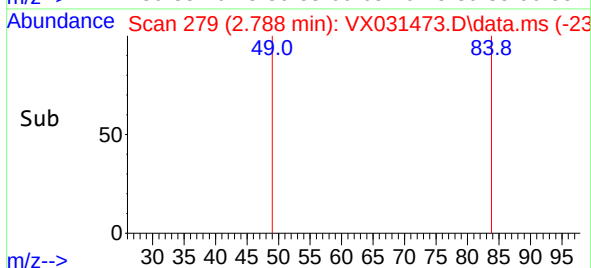
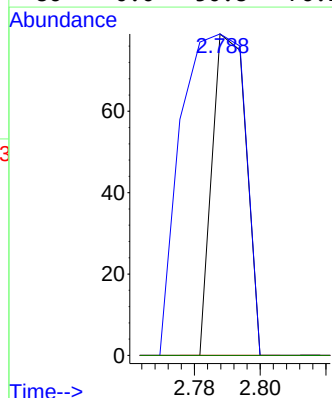
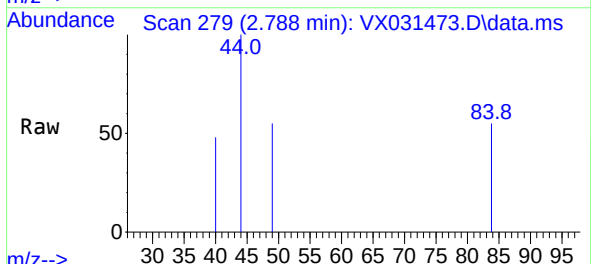
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-278-280RE

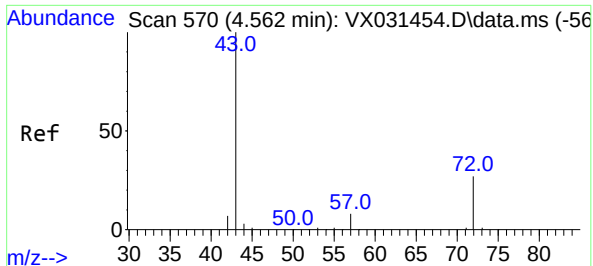
Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 43.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Tgt Ion: 84 Resp: 56
Ion Ratio Lower Upper
84 100
49 100.0 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#

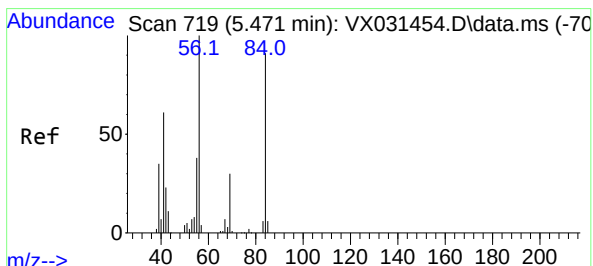
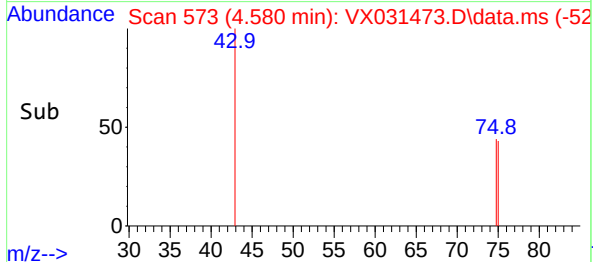
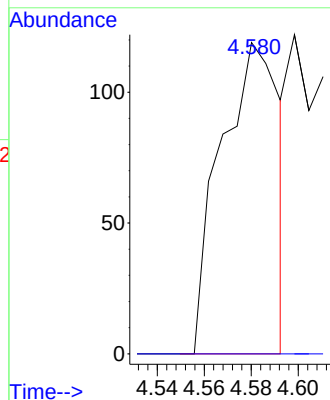
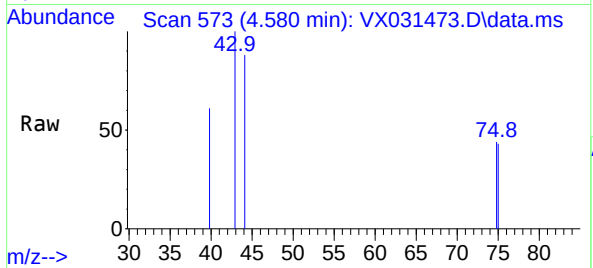




#25
2-Butanone
Concen: 0.215 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

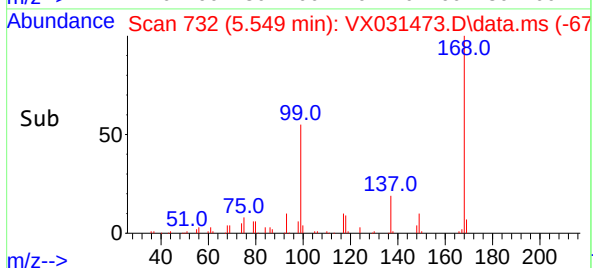
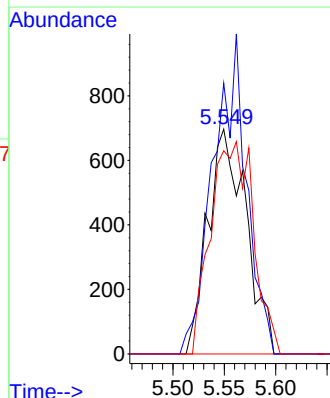
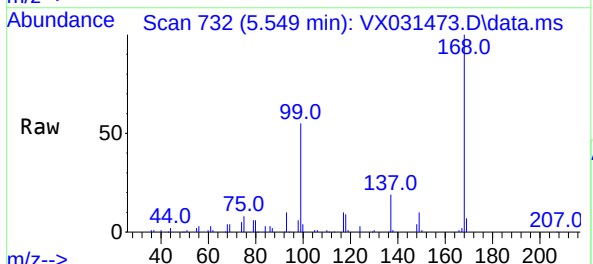
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-278-280RE

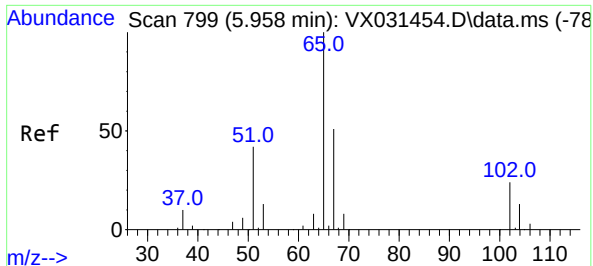
Tgt Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 0.980 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.078 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Tgt Ion: 56 Resp: 1807
Ion Ratio Lower Upper
56 100
69 120.4 25.1 37.7#
84 90.4 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 60.163 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031473.D

Acq: 19 Sep 2022 20:23

Instrument :

MSVOA_X

ClientSampleId :

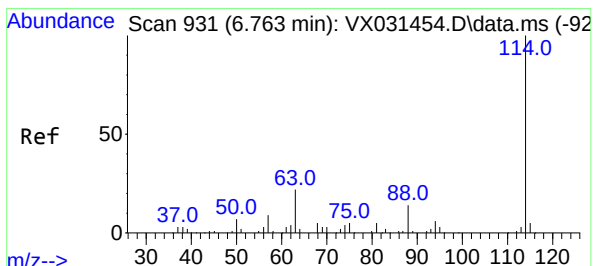
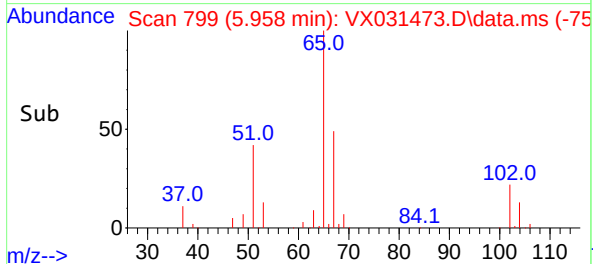
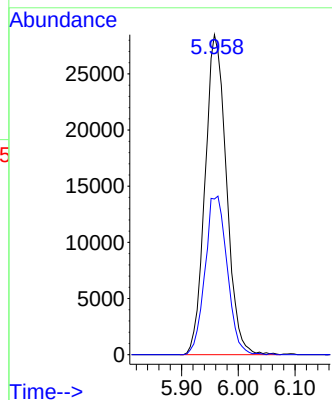
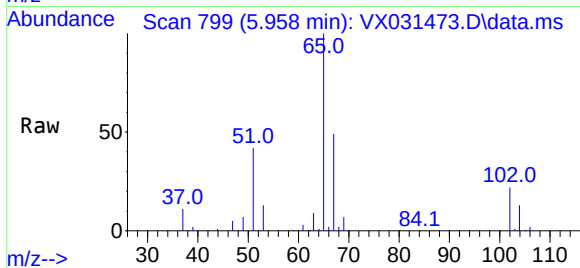
BP-VPB-RW5-GW-278-280RE

Tgt Ion: 65 Resp: 74672

Ion Ratio Lower Upper

65 100

67 51.3 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: VX031473.D

Acq: 19 Sep 2022 20:23

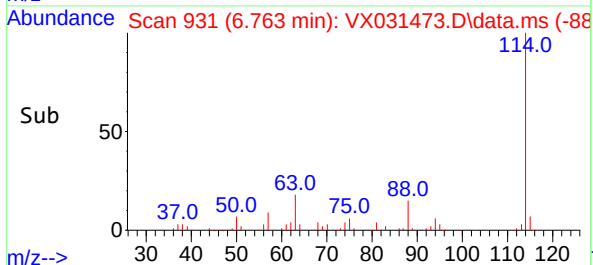
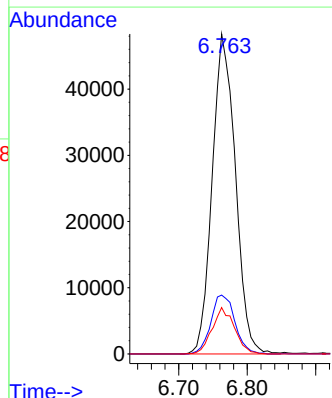
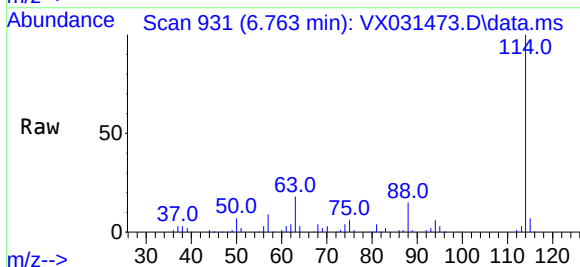
Tgt Ion: 114 Resp: 113348

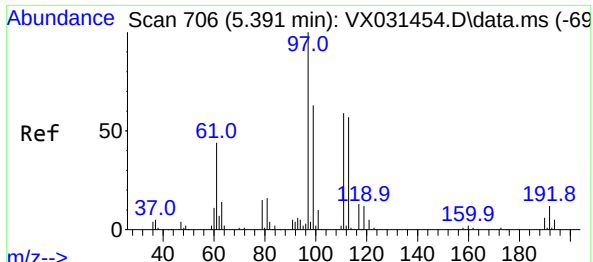
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.6

88 14.5 0.0 33.0

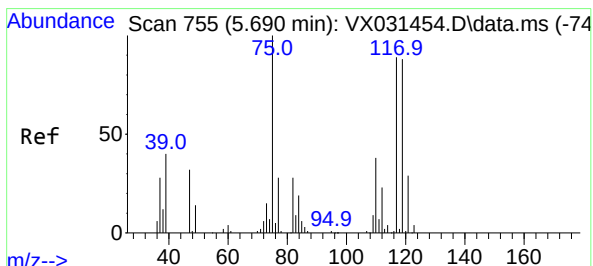
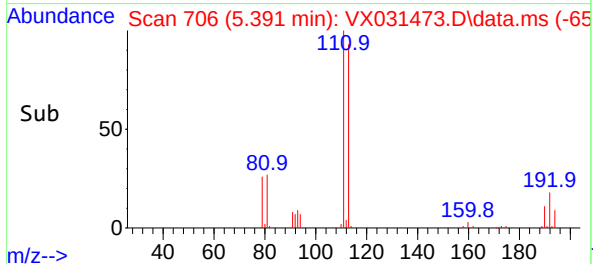
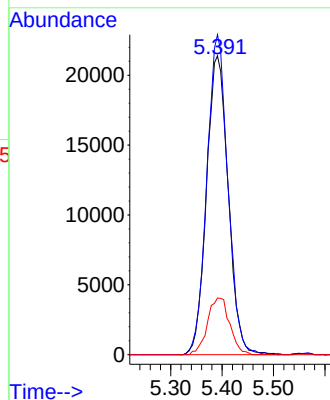
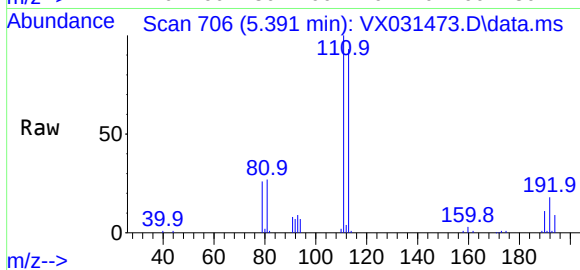




#35
Dibromofluoromethane
Concen: 53.564 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

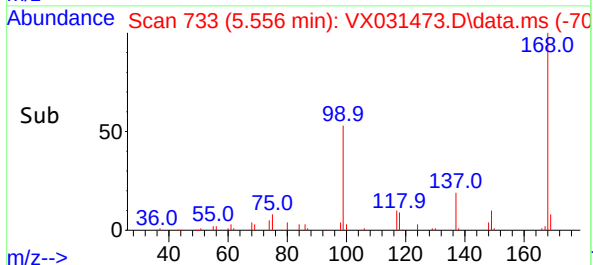
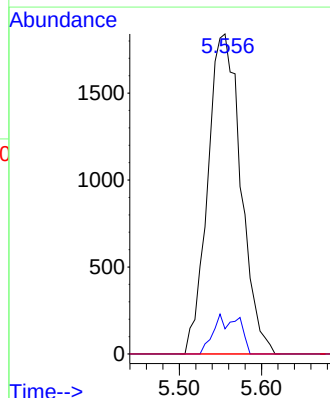
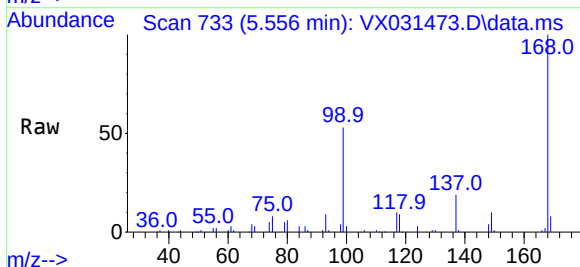
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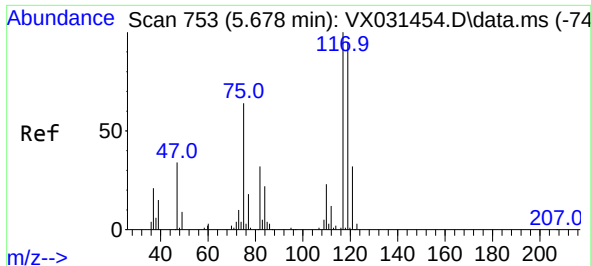
Tgt Ion:	113	Resp:	62693
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	19.5	14.1	21.1



#36
1,1-Dichloropropene
Concen: 2.865 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Tgt Ion:	75	Resp:	5161
Ion	Ratio	Lower	Upper
75	100		
110	4.7	17.5	52.5#
77	0.0	24.9	37.3#

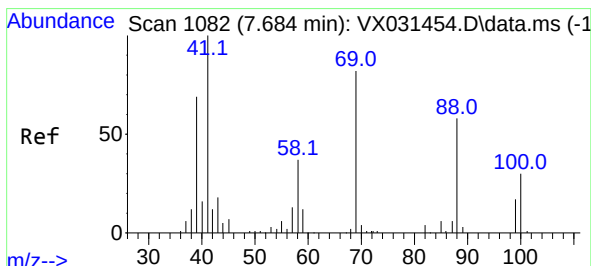
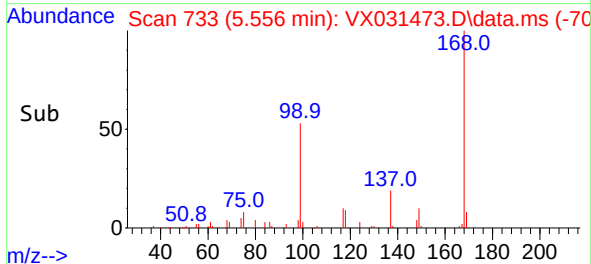
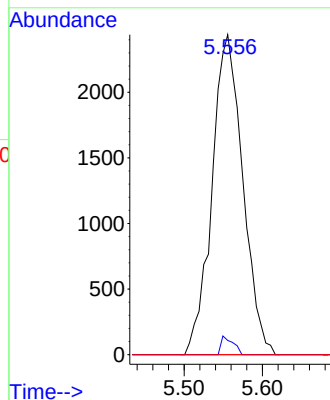
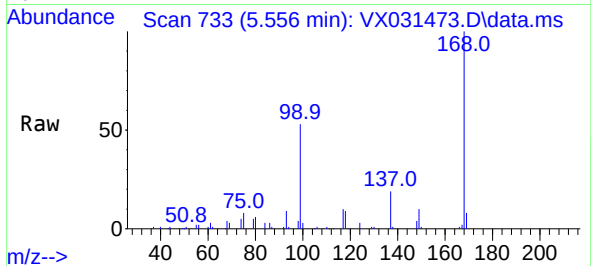




#38
Carbon Tetrachloride
Concen: 3.338 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

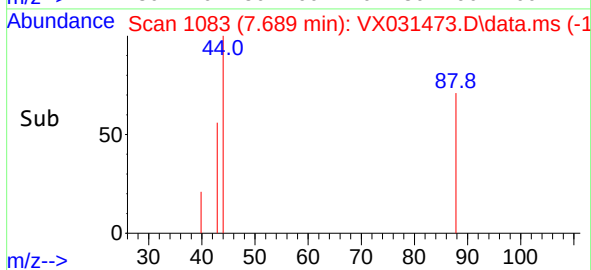
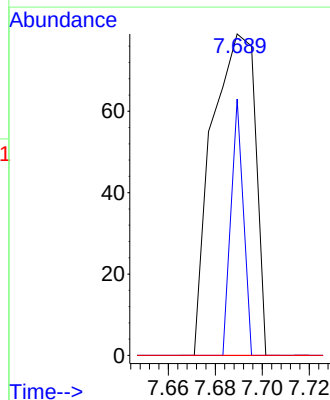
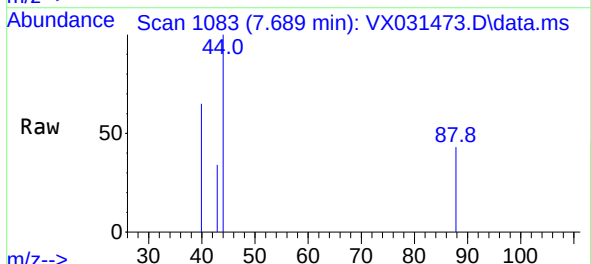
Instrument :
MSVOA_X
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BP-VPB-RW5-GW-278-280RE

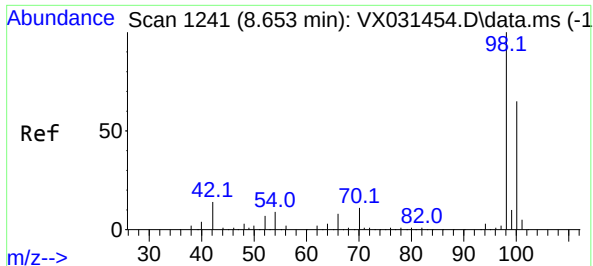
Tgt Ion:117 Resp: 6667
Ion Ratio Lower Upper
117 100
119 4.5 74.6 112.0#
121 0.0 25.3 37.9#



#49
1,4-Dioxane
Concen: 2.930 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.005 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 22.8 27.1 40.7#
58 0.0 53.9 80.9#

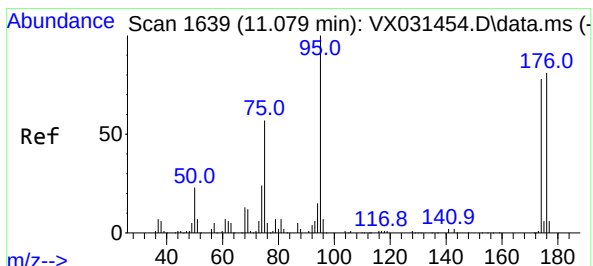
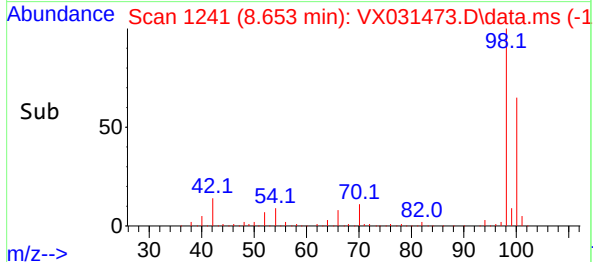
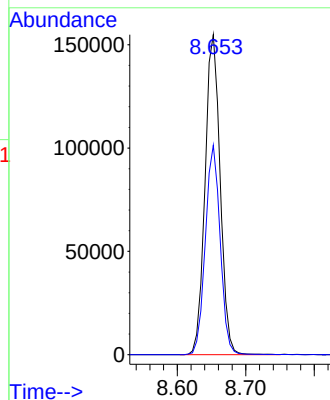
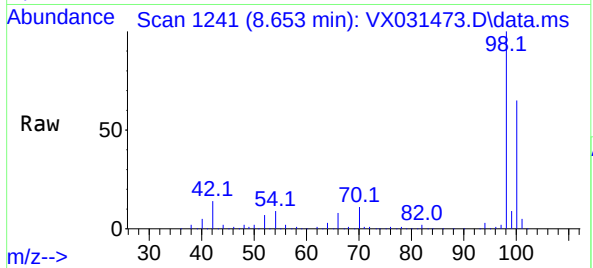




#50
Toluene-d8
Concen: 52.748 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

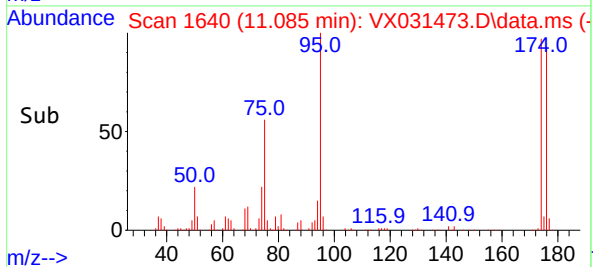
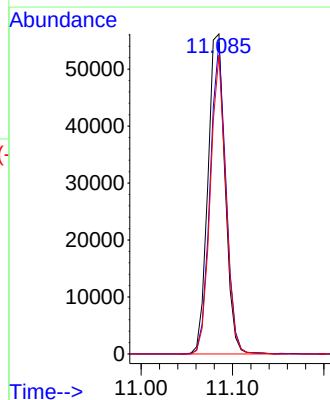
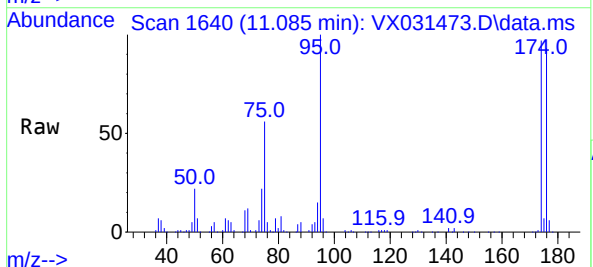
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-278-280RE

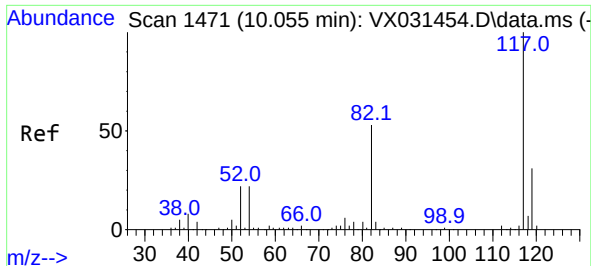
Tgt Ion: 98 Resp: 238205
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.708 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Tgt Ion: 95 Resp: 72977
Ion Ratio Lower Upper
95 100
174 90.0 0.0 153.2
176 85.0 0.0 144.0

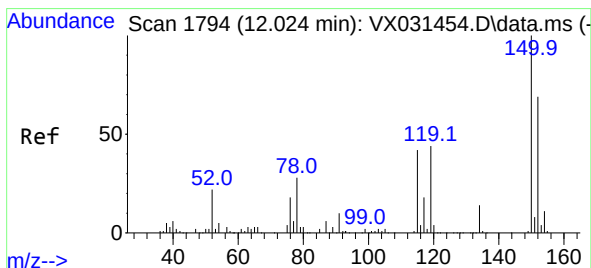
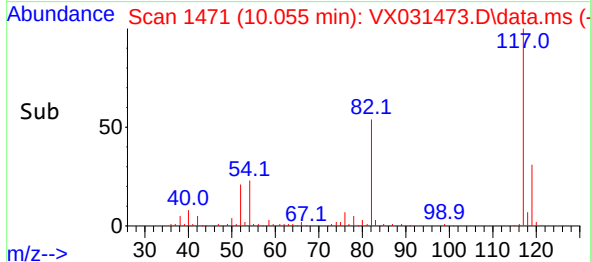
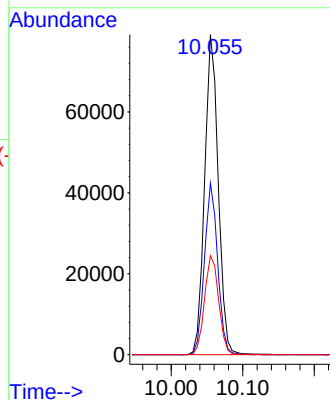
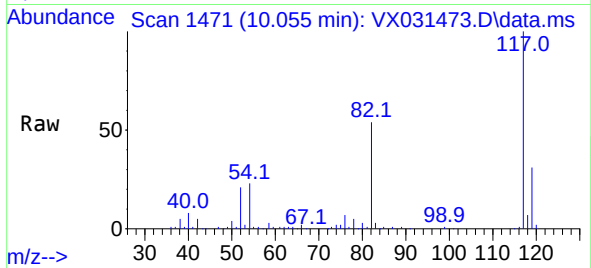




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

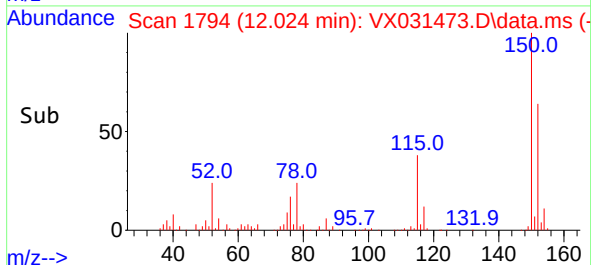
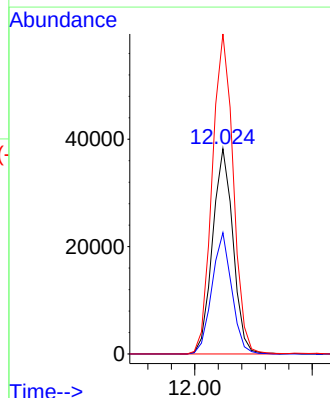
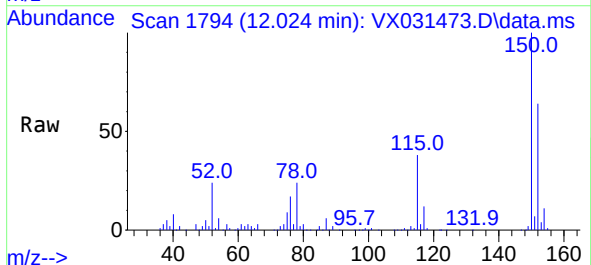
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-278-280RE

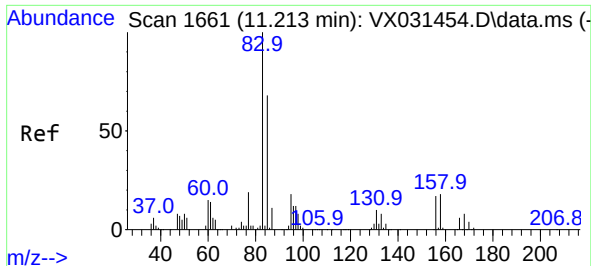
Tgt Ion:117 Resp: 104699
Ion Ratio Lower Upper
117 100
82 53.6 46.8 70.2
119 30.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Tgt Ion:152 Resp: 46284
Ion Ratio Lower Upper
152 100
115 57.1 43.4 130.1
150 160.0 0.0 346.8

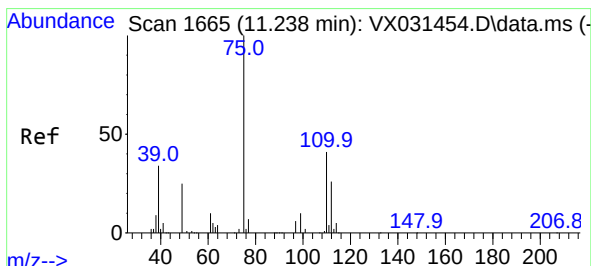
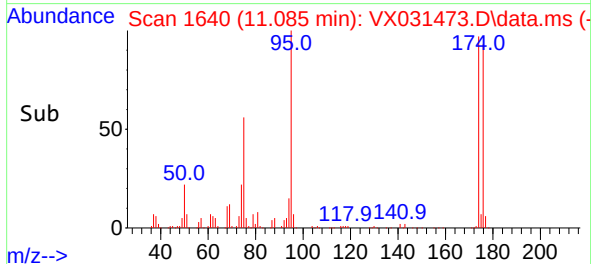
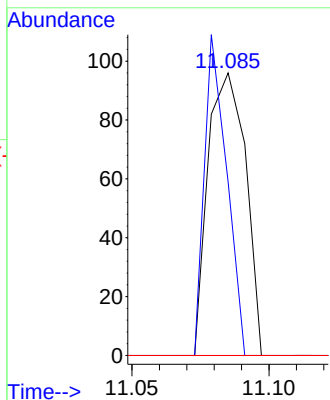
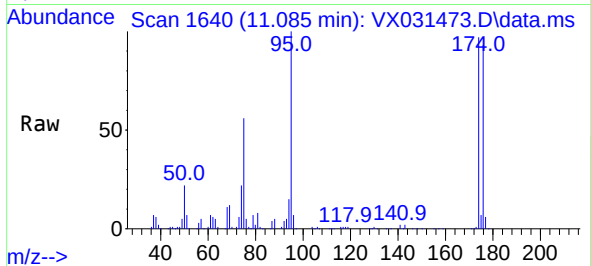




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1639
Delta R.T. -0.128 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

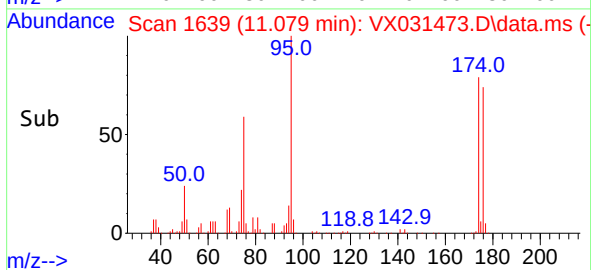
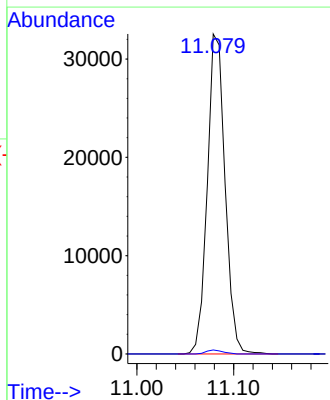
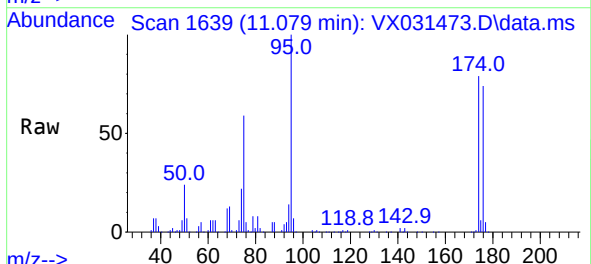
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-278-280RE

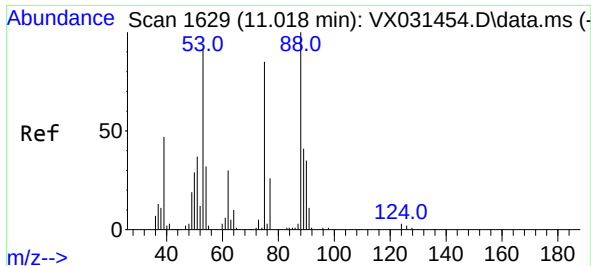
Tgt Ion: 83 Resp: 91
Ion Ratio Lower Upper
83 100
131 67.0 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 40.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

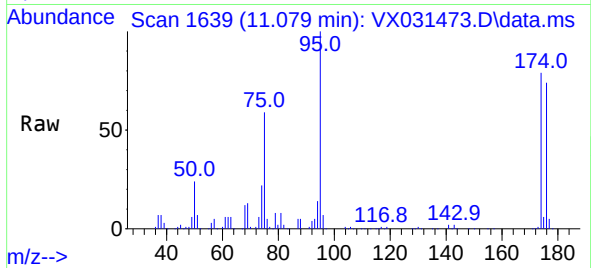
Tgt Ion: 75 Resp: 41602
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 129.672 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031473.D
Acq: 19 Sep 2022 20:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-278-280RE



Tgt Ion: 75 Resp: 41602
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

