

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031383.D
 Acq On : 16 Sep 2022 03:52
 Operator : JC/MD
 Sample : N4626-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-DUP-20220909

Quant Time: Sep 16 08:46:54 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)

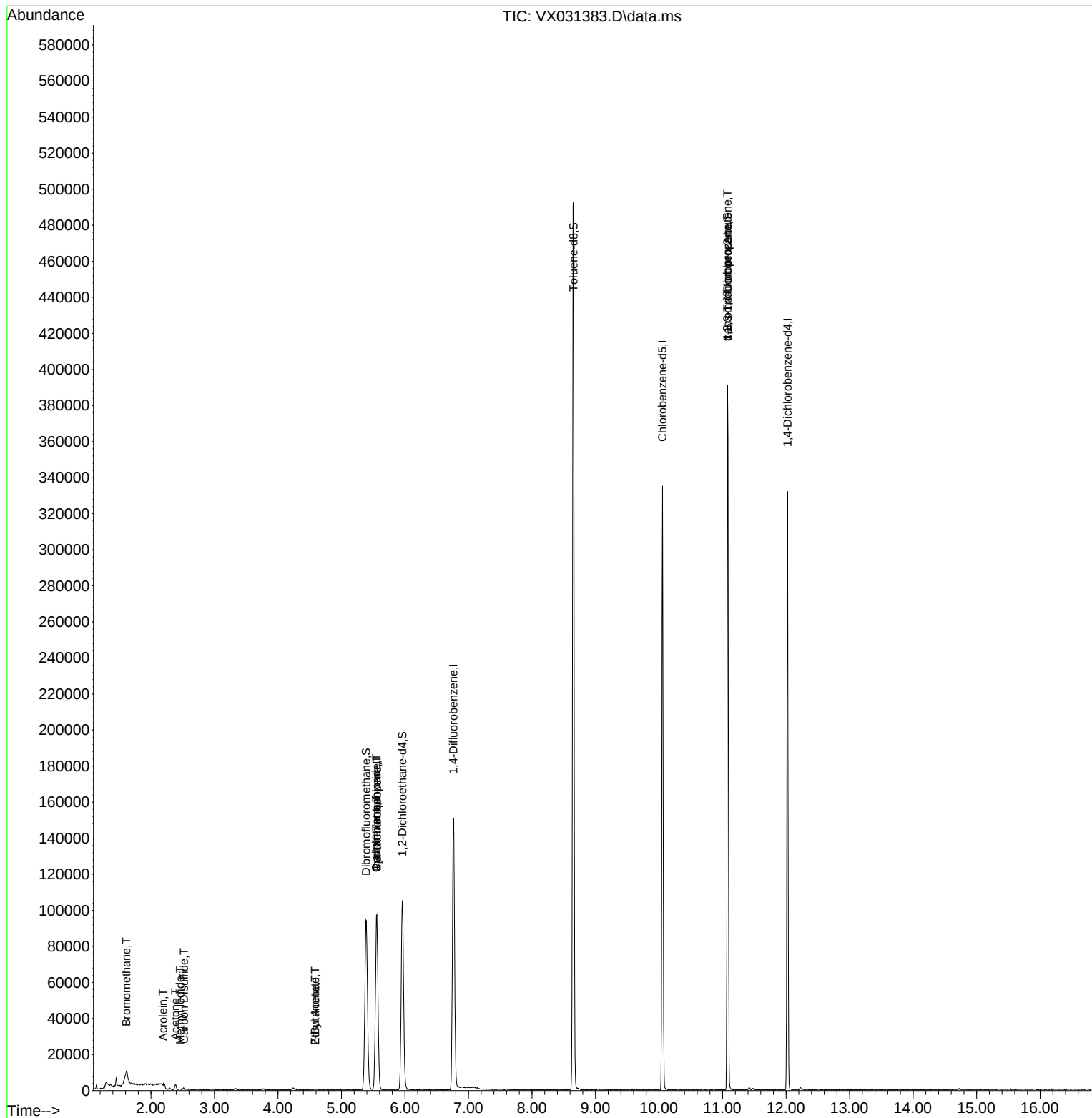
Internal Standards						
1) Pentafluorobenzene	5.556	168	91019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94505	42.301	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.600%
35) Dibromofluoromethane	5.385	113	77936	47.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.653	98	294062	47.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.079	95	92390	40.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.920%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	418	Below Cal	#	81
5) Bromomethane	1.612	94	757	0.635	ug/l	98
10) Methyl Iodide	2.459	142	241	1.069	ug/l #	88
11) Tert butyl alcohol	2.983	59	226	Below Cal	#	73
13) Acrolein	2.191	56	54	0.209	ug/l #	1
16) Acetone	2.386	43	3313	3.474	ug/l	90
17) Carbon Disulfide	2.520	76	1091	1.232	ug/l #	75
20) Methylene Chloride	2.800	84	64	Below Cal	#	32
25) 2-Butanone	4.587	43	909	0.578	ug/l #	49
31) Cyclohexane	5.550	56	2438	1.016	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	7715	3.433	ug/l #	50
37) Ethyl Acetate	4.587	43	909	0.308	ug/l #	68
38) Carbon Tetrachloride	5.550	117	9426	3.859	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	52960	33.283	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52960	92.096	ug/l #	11

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

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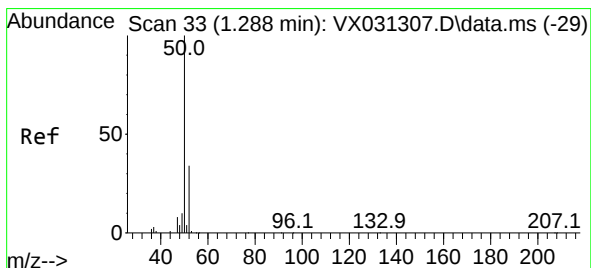
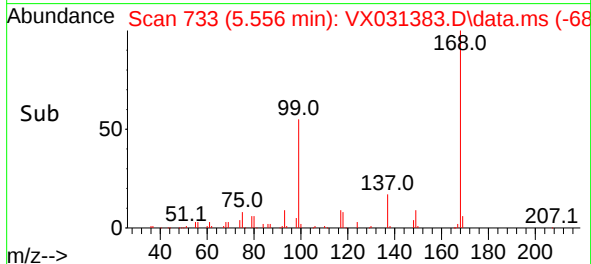
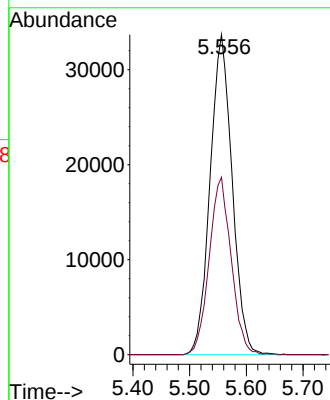
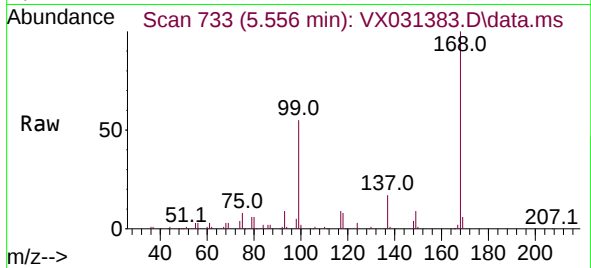




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

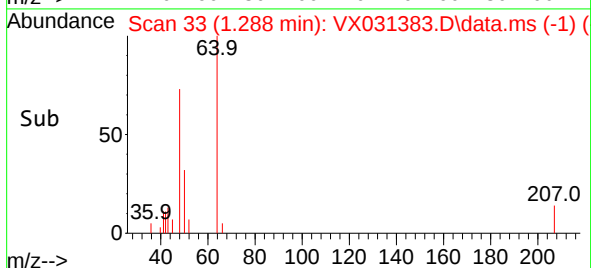
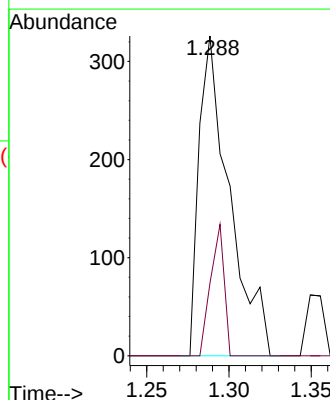
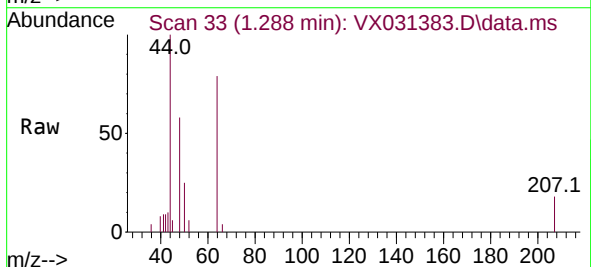
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-DUP-20220909

Tgt Ion:168 Resp: 91019
Ion Ratio Lower Upper
168 100
99 55.5 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 22.7 26.9 40.3#

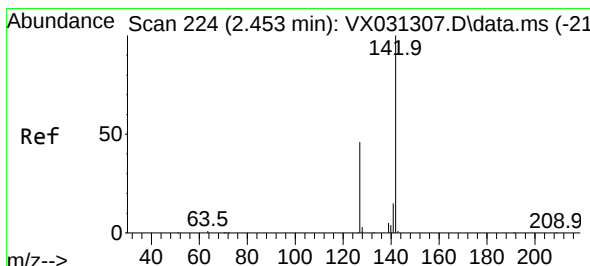
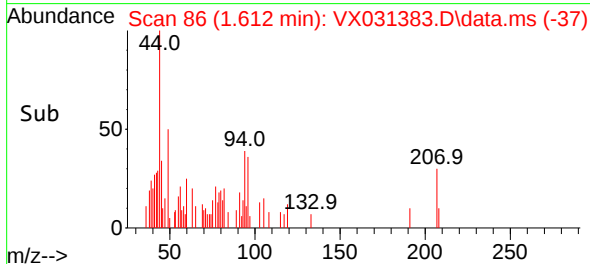
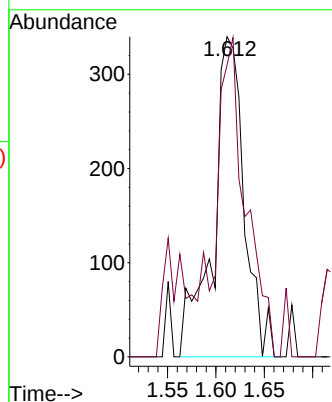
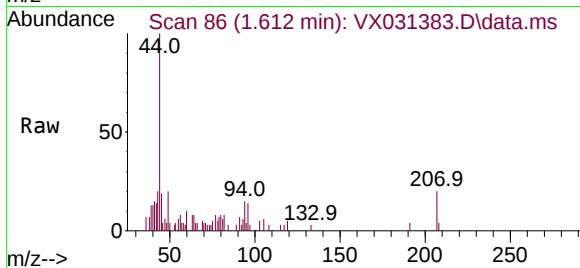




#5
Bromomethane
Concen: 0.635 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

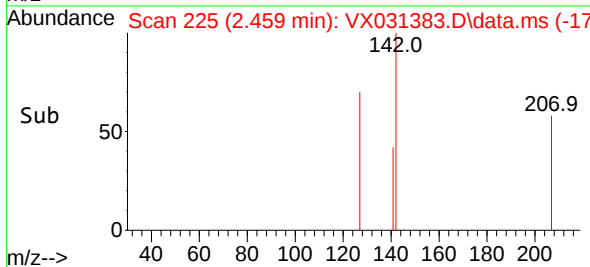
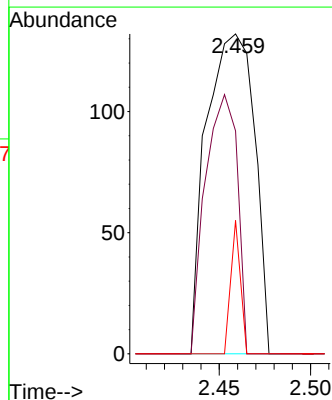
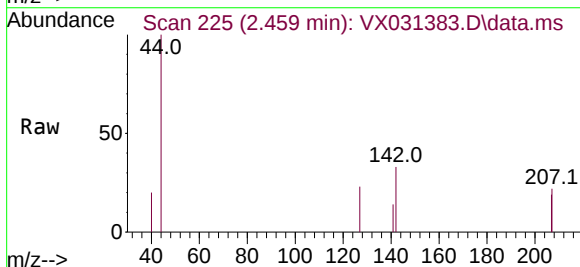
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-DUP-20220909

Tgt Ion: 94 Resp: 757
Ion Ratio Lower Upper
94 100
96 91.2 74.4 111.6



#10
Methyl Iodide
Concen: 1.069 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

Tgt Ion: 142 Resp: 241
Ion Ratio Lower Upper
142 100
127 53.9 37.4 56.0
141 8.3 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.983 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX031383.D

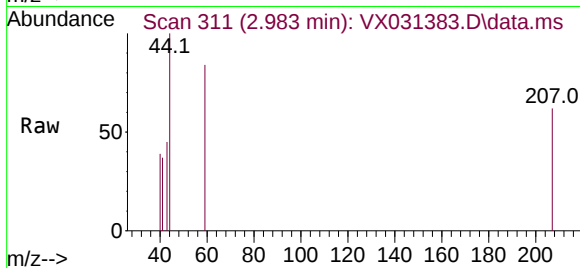
Acq: 16 Sep 2022 03:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-DUP-20220909

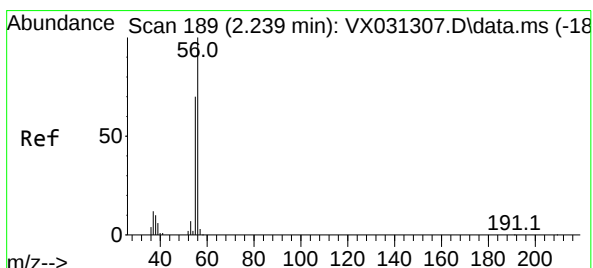
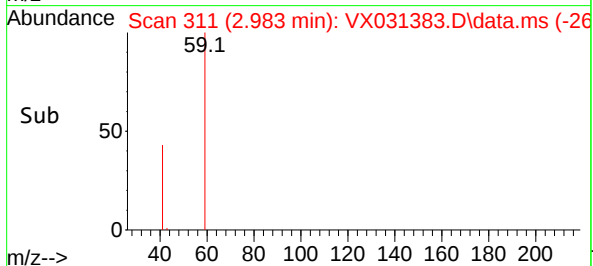
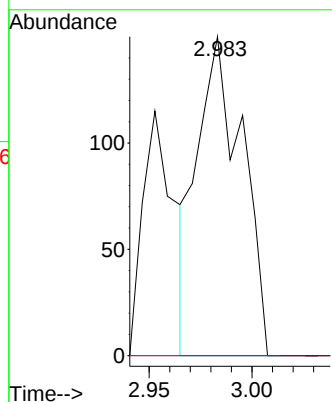


Tgt Ion: 59 Resp: 226

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.209 ug/l

RT: 2.191 min Scan# 181

Delta R.T. -0.048 min

Lab File: VX031383.D

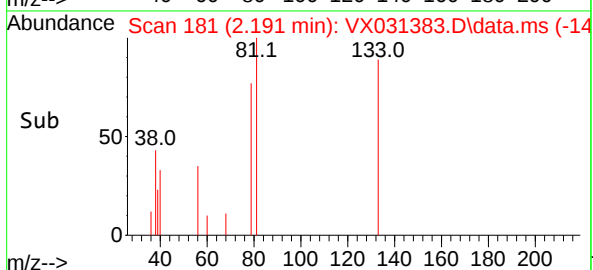
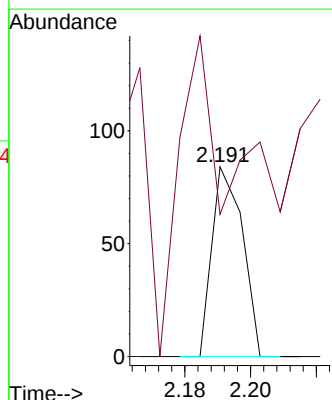
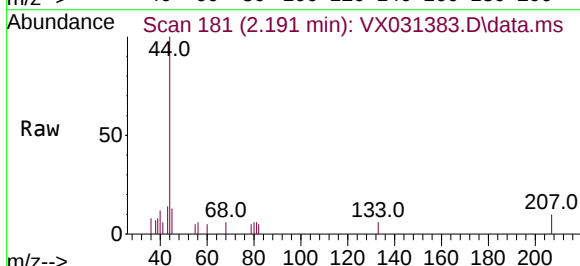
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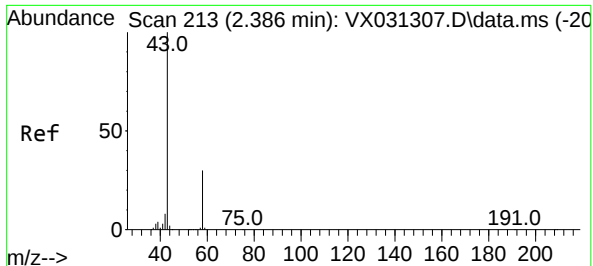
Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 263.0 56.0 84.0#

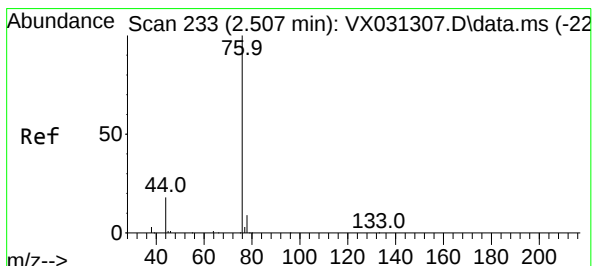
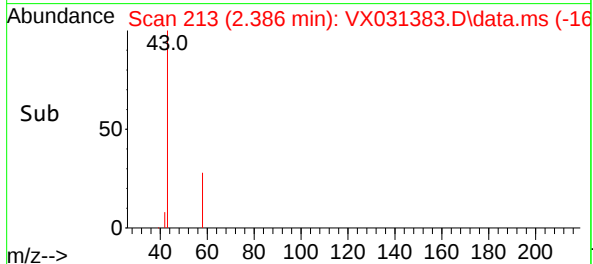
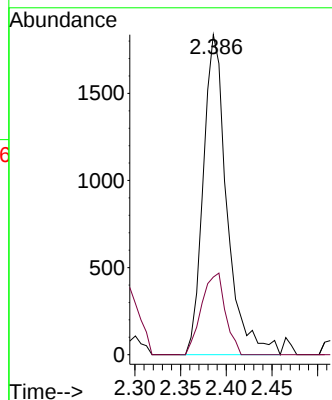
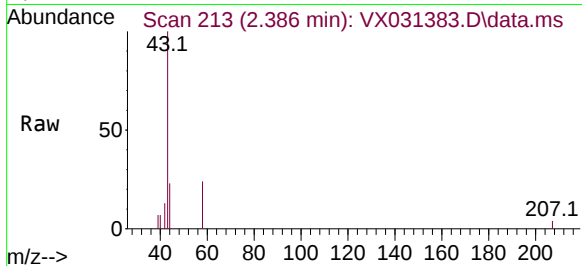




#16
Acetone
Concen: 3.474 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

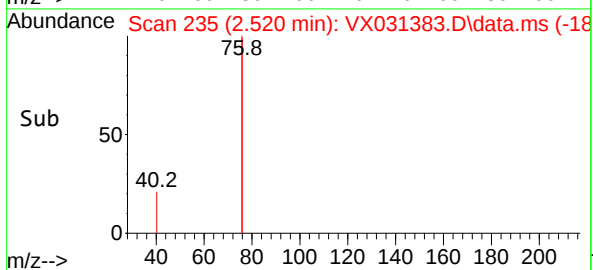
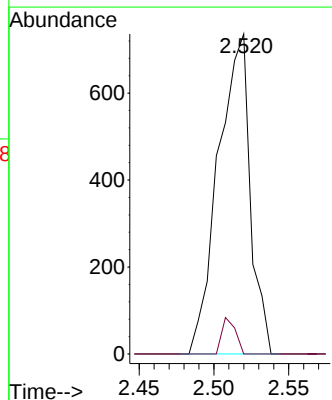
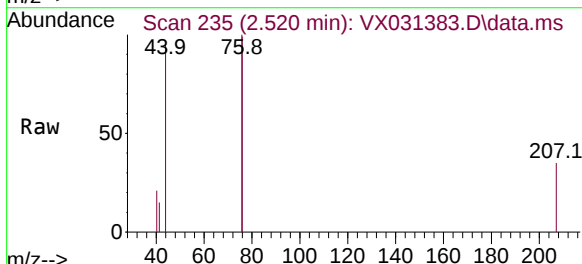
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-DUP-20220909

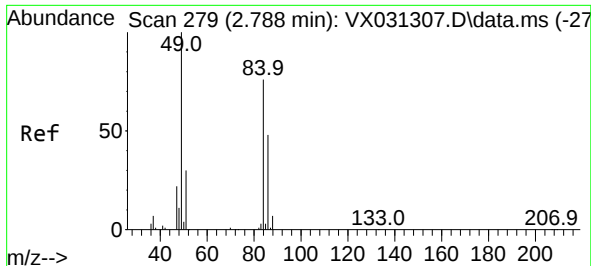
Tgt Ion: 43 Resp: 3313
Ion Ratio Lower Upper
43 100
58 24.3 23.8 35.8



#17
Carbon Disulfide
Concen: 1.232 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

Tgt Ion: 76 Resp: 1091
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX031383.D

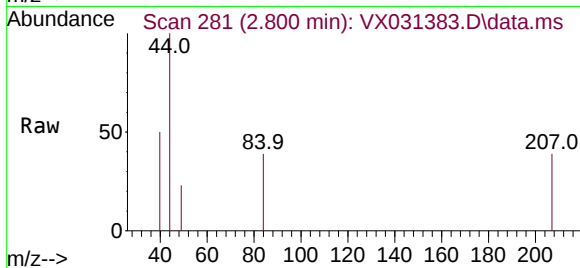
Acq: 16 Sep 2022 03:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-DUP-20220909



Tgt Ion: 84 Resp: 64

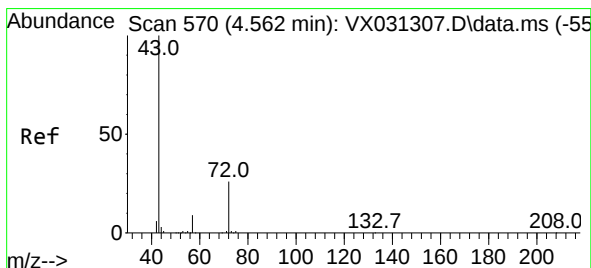
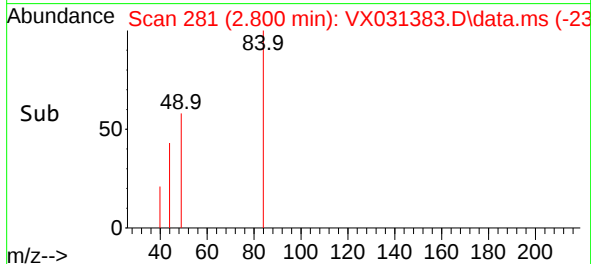
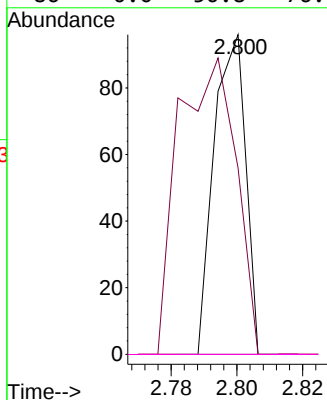
Ion Ratio Lower Upper

84 100

49 58.3 105.9 158.9#

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



#25

2-Butanone

Concen: 0.578 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.025 min

Lab File: VX031383.D

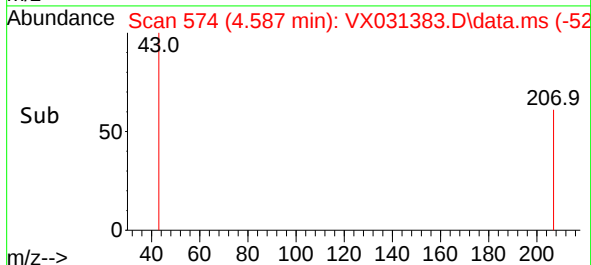
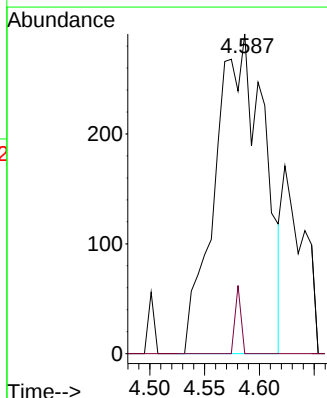
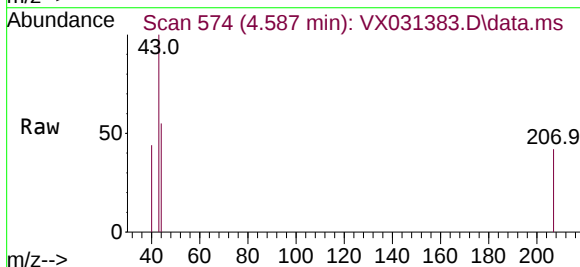
Acq: 16 Sep 2022 03:52

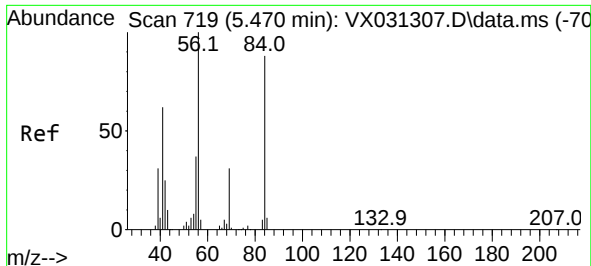
Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#

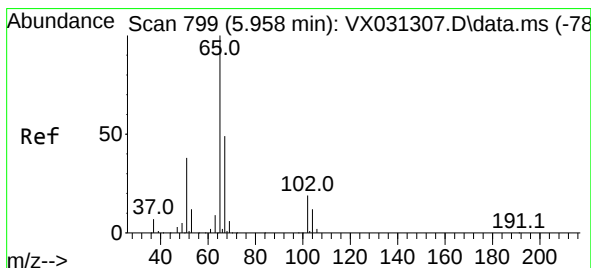
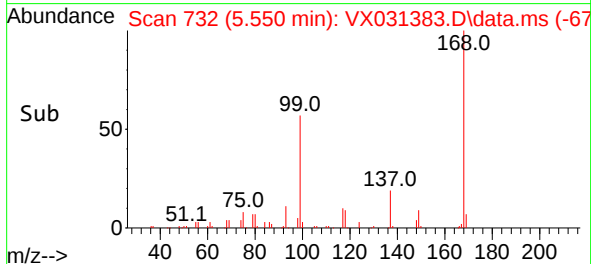
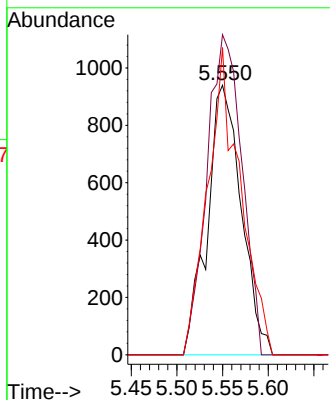
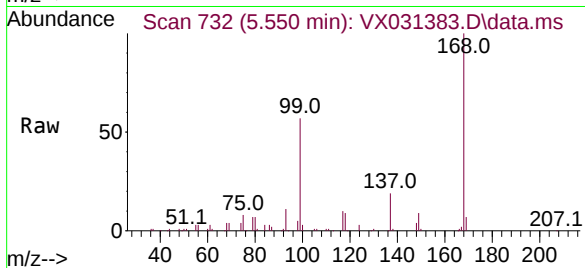




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

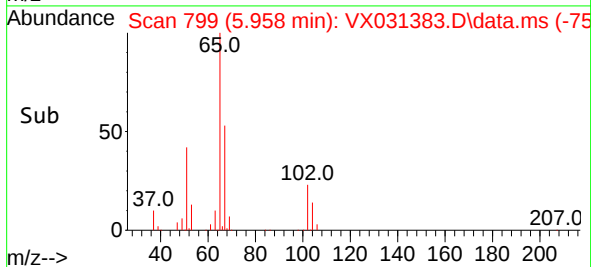
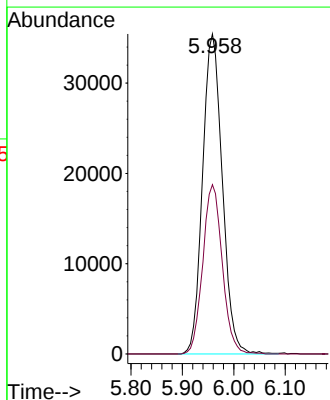
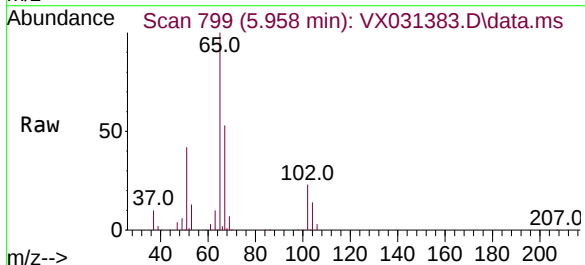
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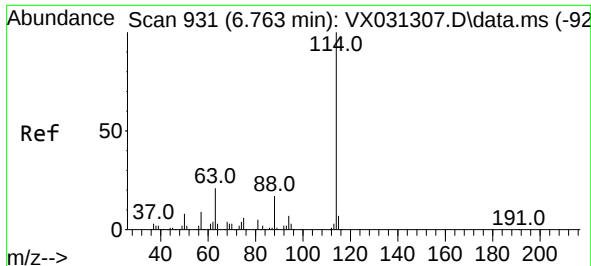
Tgt Ion: 56 Resp: 2438
Ion Ratio Lower Upper
56 100
69 118.7 25.1 37.7#
84 113.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 42.301 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

Tgt Ion: 65 Resp: 94505
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

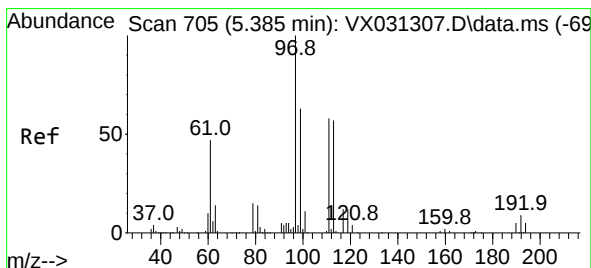
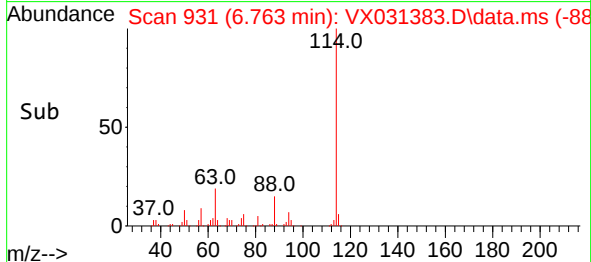
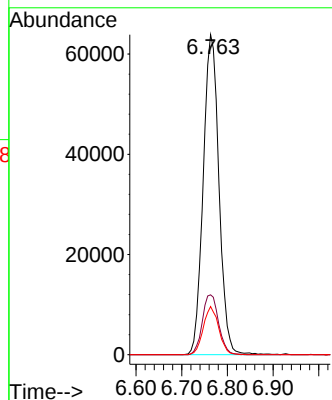
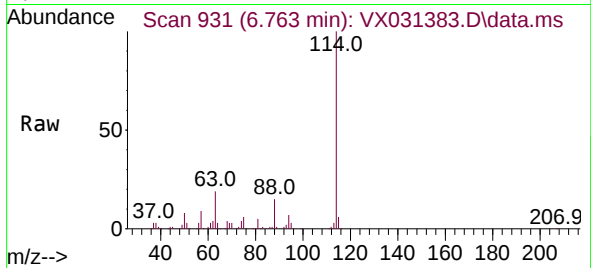




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

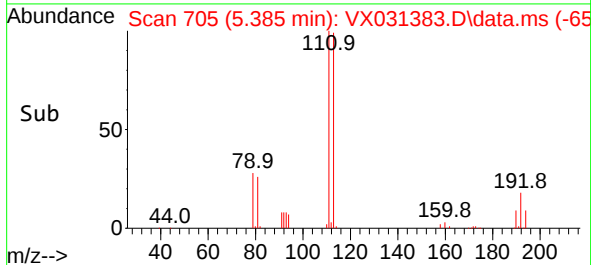
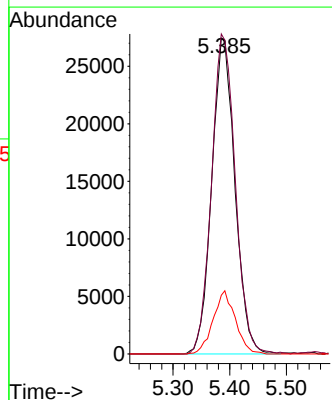
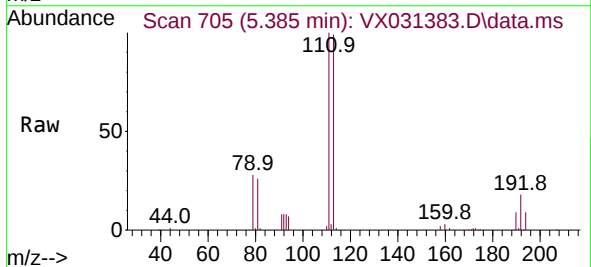
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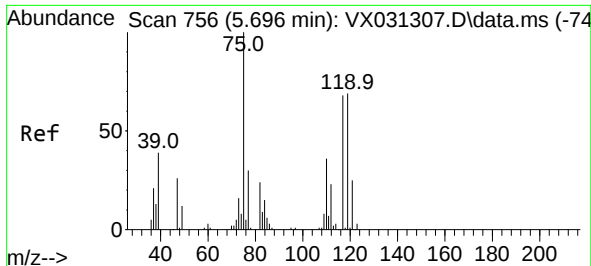
Tgt Ion:114 Resp: 152748
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.6
88 15.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.466 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

Tgt Ion:113 Resp: 77936
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.2 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.433 ug/l

RT: 5.556 min Scan# 715

Delta R.T. -0.140 min

Lab File: VX031383.D

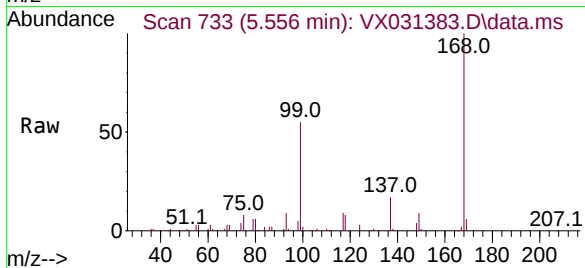
Acq: 16 Sep 2022 03:52

Instrument :

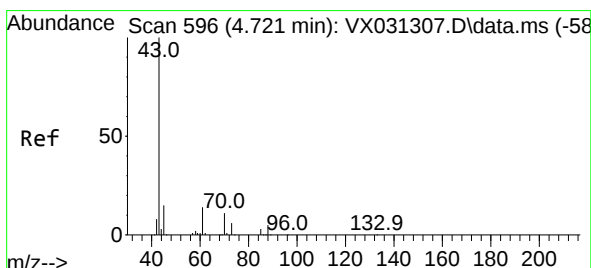
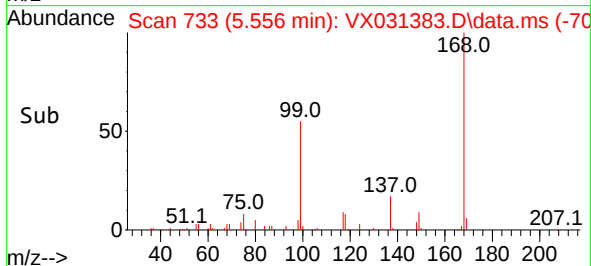
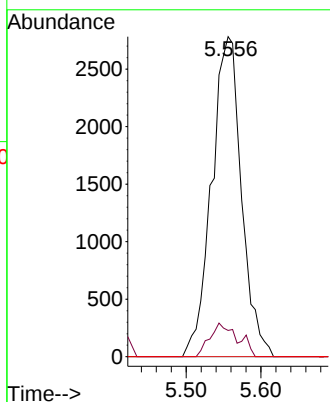
MSVOA_X

ClientSampleId :

BP-VPB-RW5-DUP-20220909



Tgt Ion:	75	Resp:	7715
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.5	52.5#
77	0.0	24.9	37.3#



#37

Ethyl Acetate

Concen: 0.308 ug/l

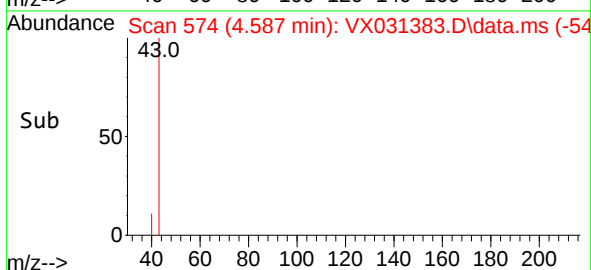
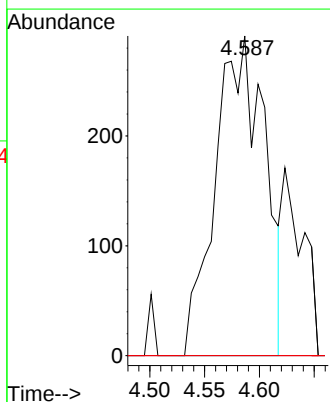
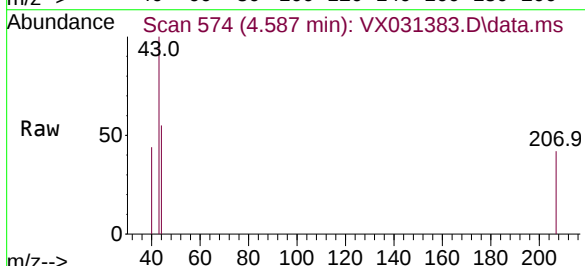
RT: 4.587 min Scan# 574

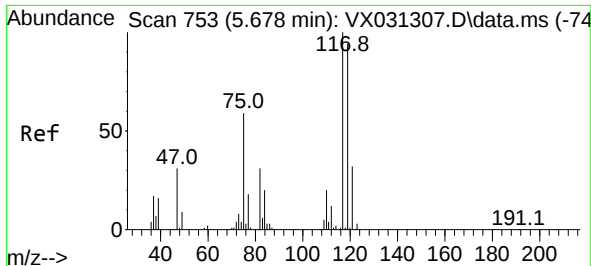
Delta R.T. -0.134 min

Lab File: VX031383.D

Acq: 16 Sep 2022 03:52

Tgt Ion:	43	Resp:	909
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.6	13.0#

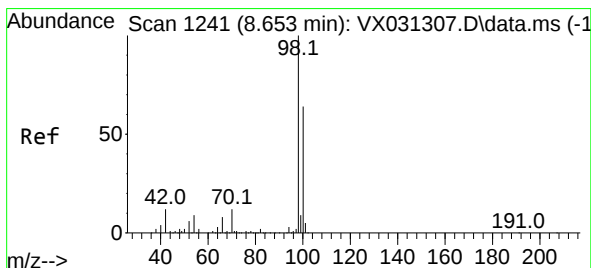
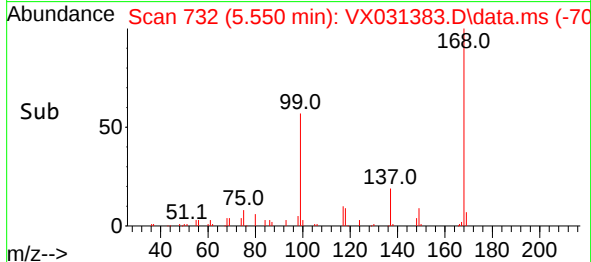
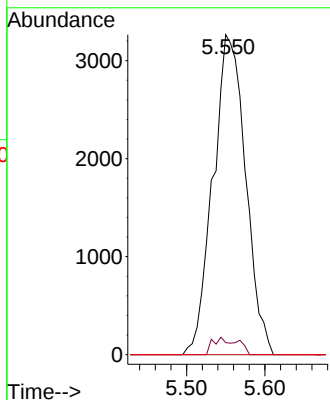
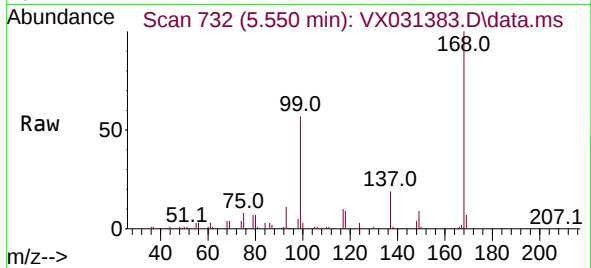




#38
Carbon Tetrachloride
Concen: 3.859 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

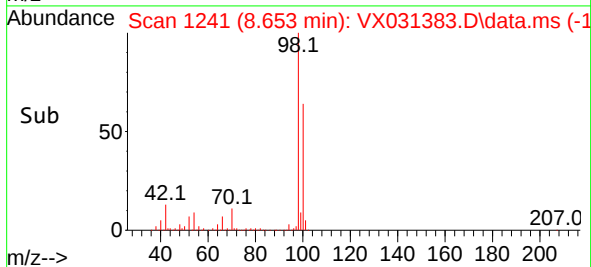
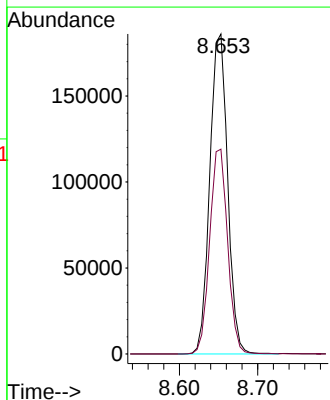
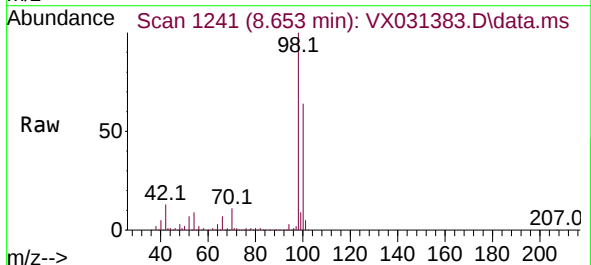
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-DUP-20220909

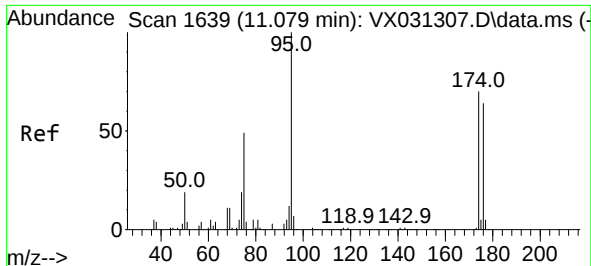
Tgt Ion:117 Resp: 9426
Ion Ratio Lower Upper
117 100
119 3.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 47.744 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

Tgt Ion: 98 Resp: 294062
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

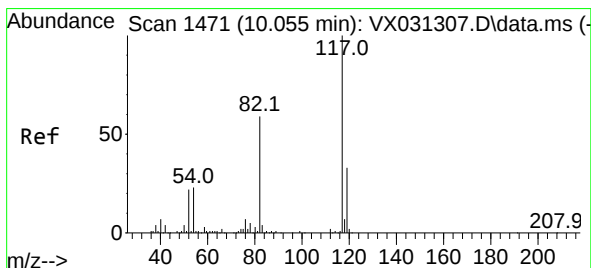
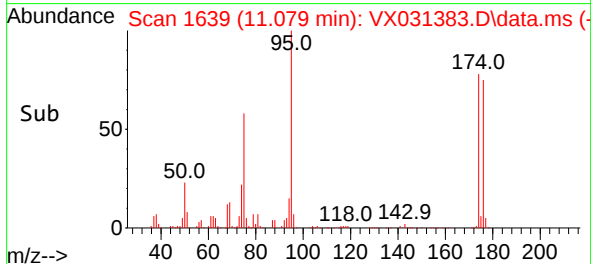
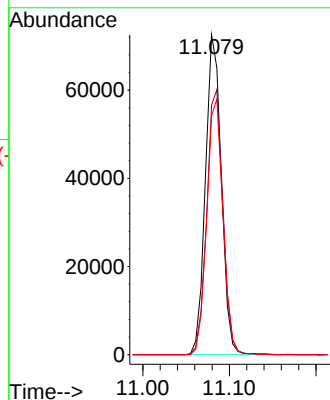
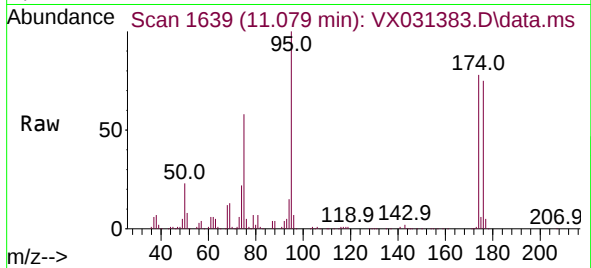




#62
4-Bromofluorobenzene
Concen: 40.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

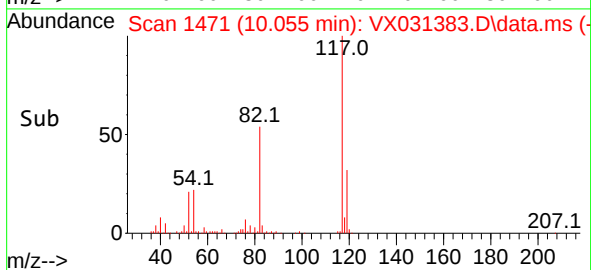
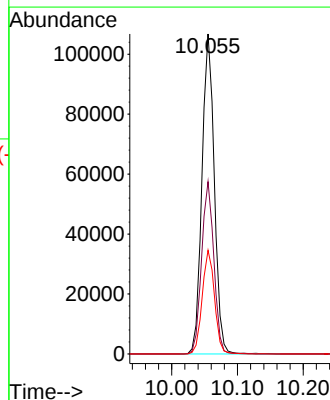
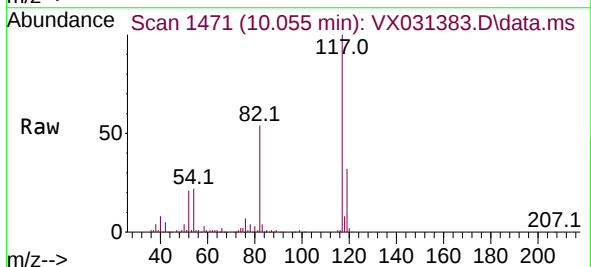
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-DUP-20220909

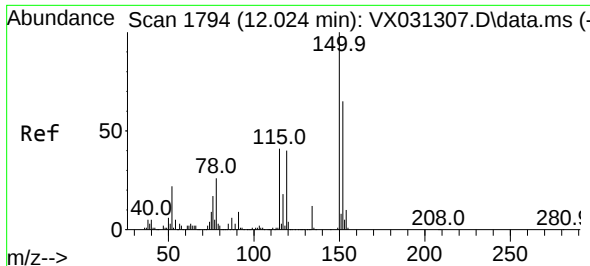
Tgt Ion: 95 Resp: 92390
Ion Ratio Lower Upper
95 100
174 84.9 0.0 153.2
176 81.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031383.D
Acq: 16 Sep 2022 03:52

Tgt Ion: 117 Resp: 139431
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 32.4 26.4 39.6

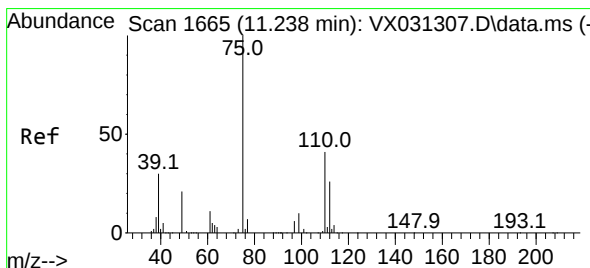
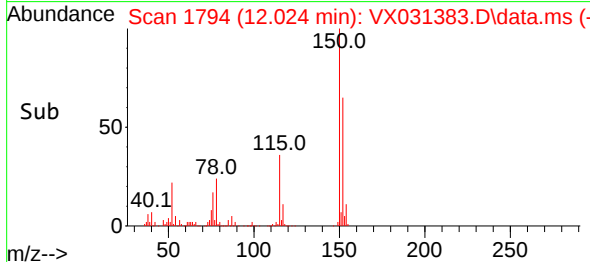
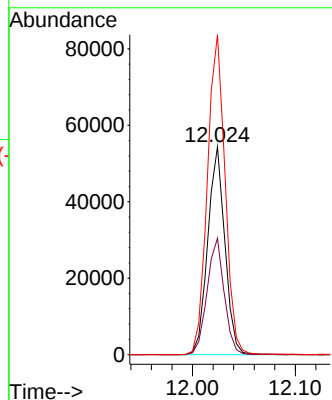
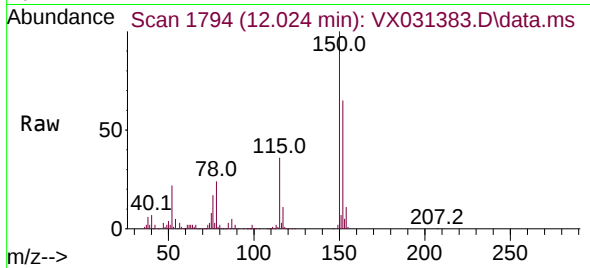




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031383.D
 Acq: 16 Sep 2022 03:52

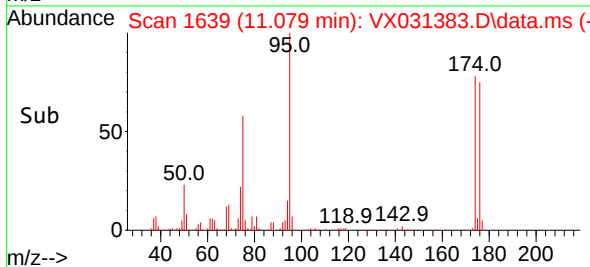
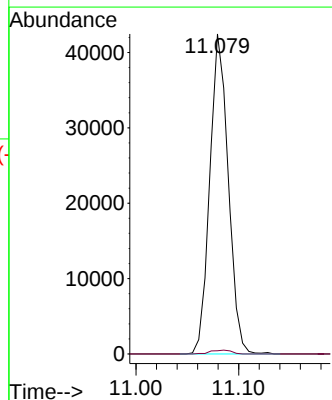
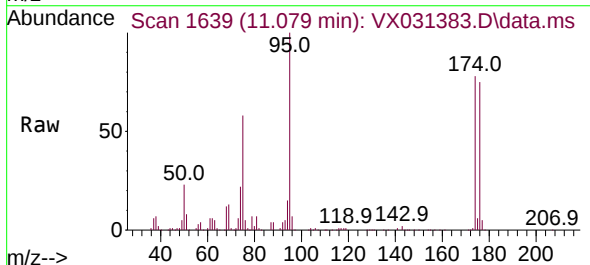
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-DUP-20220909

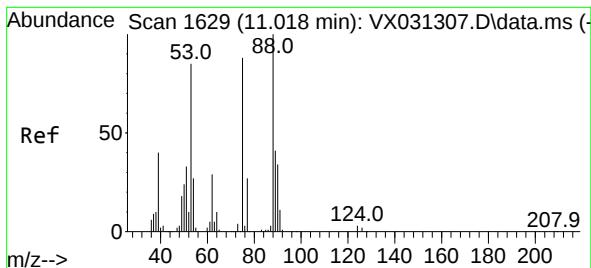
Tgt Ion:152 Resp: 63142
 Ion Ratio Lower Upper
 152 100
 115 55.9 43.4 130.1
 150 158.7 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 33.283 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031383.D
 Acq: 16 Sep 2022 03:52

Tgt Ion: 75 Resp: 52960
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.3 60.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 92.096 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX031383.D

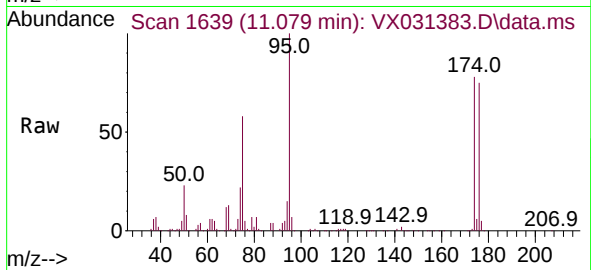
Acq: 16 Sep 2022 03:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-DUP-20220909



Tgt Ion: 75 Resp: 52960

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.4 56.0#

