

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041932.D
 Acq On : 18 Jun 2024 18:46
 Operator : JC/MD
 Sample : P2927-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-520-522

Quant Time: Jun 19 08:49:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

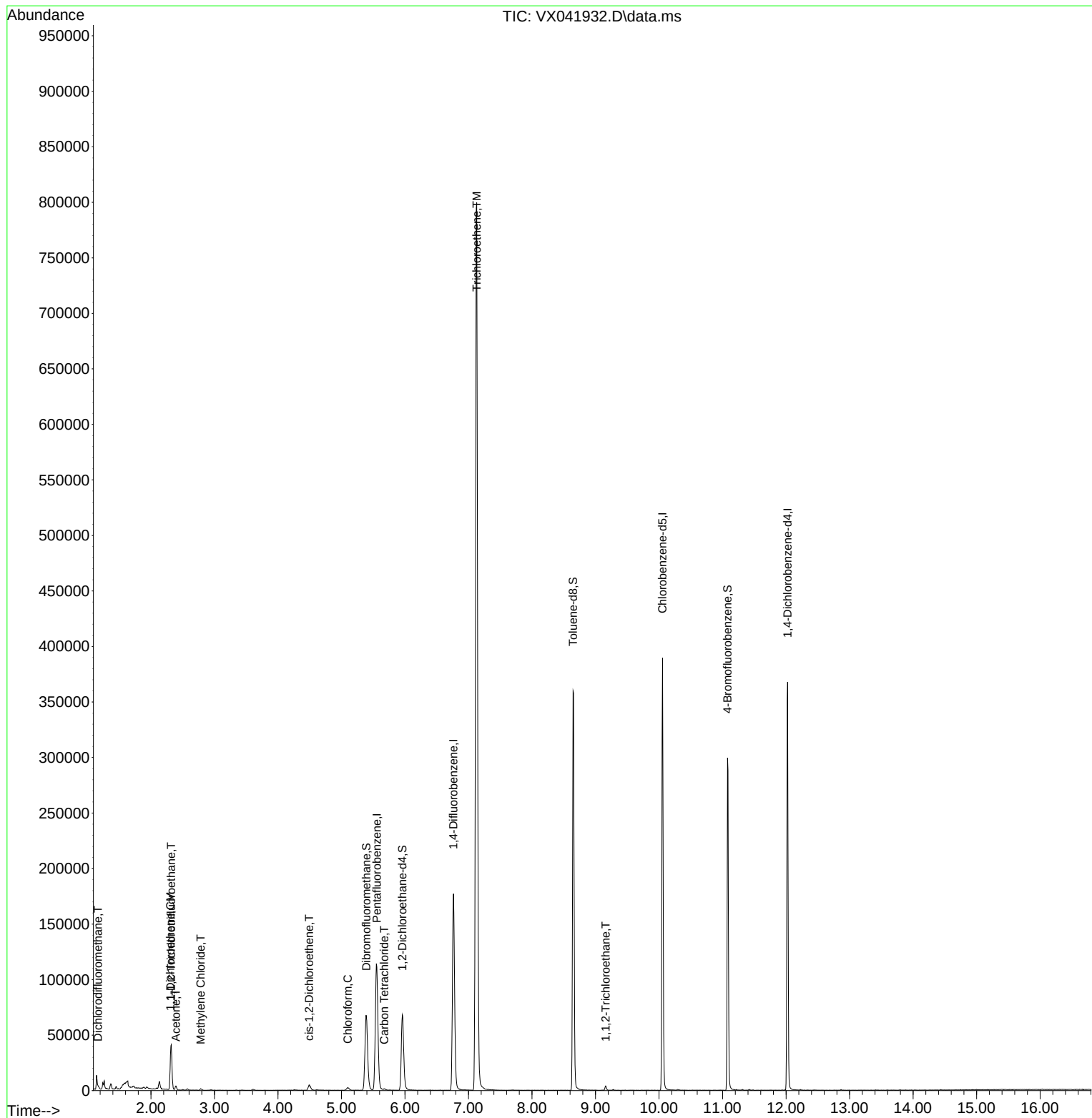
Internal Standards						
1) Pentafluorobenzene	5.556	168	125862	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	194004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66153	45.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.160%
35) Dibromofluoromethane	5.391	113	61501	44.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.360%
50) Toluene-d8	8.647	98	231120	47.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.580%
62) 4-Bromofluorobenzene	11.079	95	82245	46.137	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	824	0.859	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	14013	12.876	ug/l	87
12) 1,1-Dichloroethene	2.307	96	2201	2.028	ug/l	# 78
16) Acetone	2.392	43	4079	6.401	ug/l	# 80
20) Methylene Chloride	2.782	84	745	0.534	ug/l	86
27) cis-1,2-Dichloroethene	4.489	96	3396	2.461	ug/l	79
30) Chloroform	5.099	83	3086	1.453	ug/l	99
38) Carbon Tetrachloride	5.672	117	871	0.539	ug/l	# 66
44) Trichloroethene	7.129	130	348476	263.698	ug/l	86
55) 1,1,2-Trichloroethane	9.159	97	1356	1.037	ug/l	96

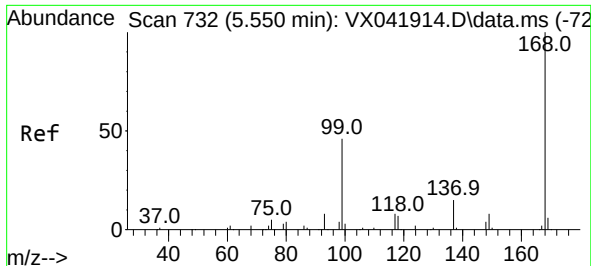
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 19 07:57:22 2024
Response via : Initial Calibration

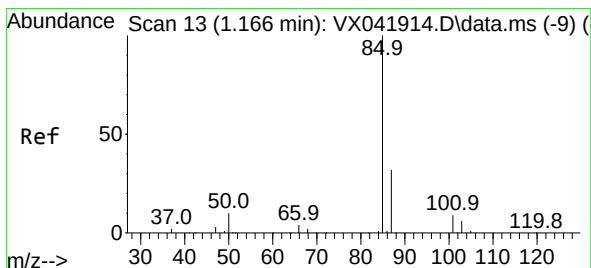
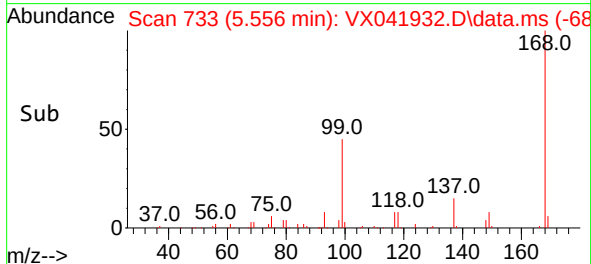
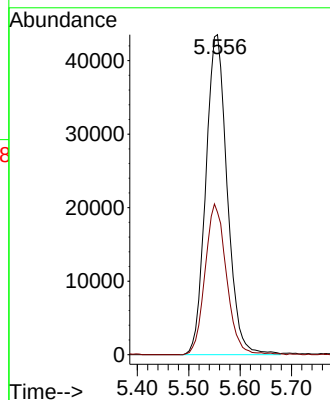
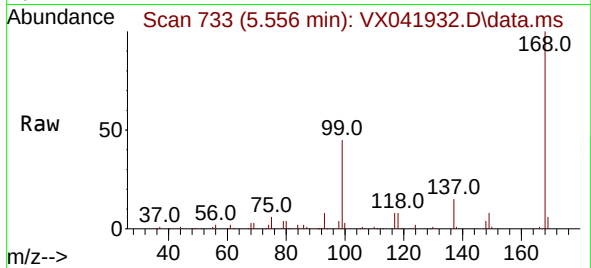




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

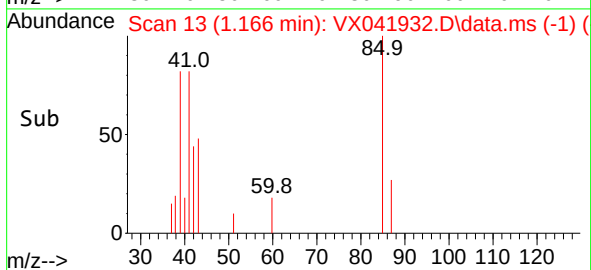
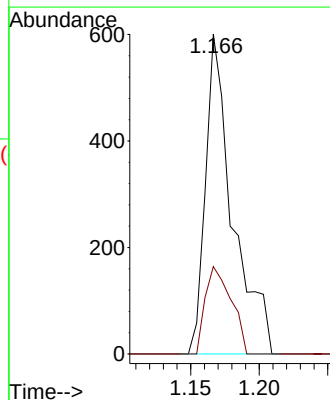
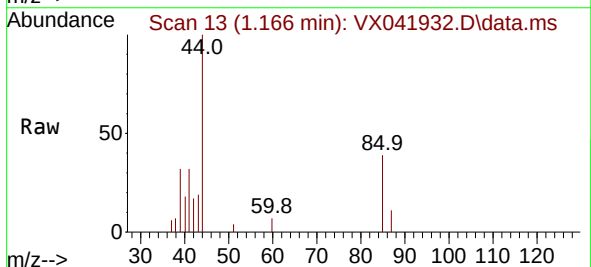
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522

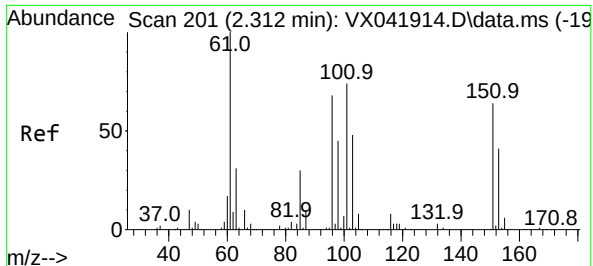
Tgt Ion:168 Resp: 125862
Ion Ratio Lower Upper
168 100
99 44.5 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.859 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 85 Resp: 824
Ion Ratio Lower Upper
85 100
87 27.3 16.7 50.1

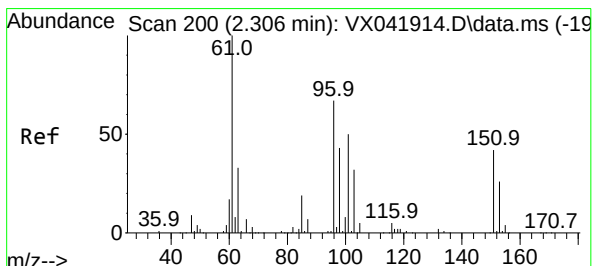
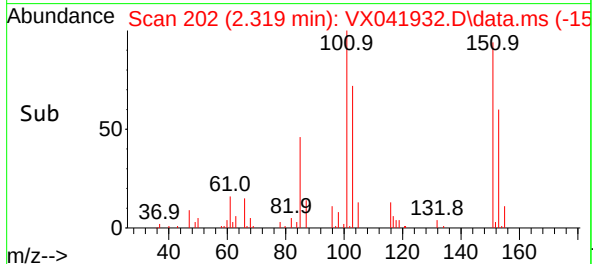
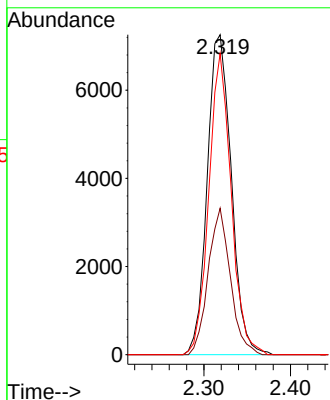
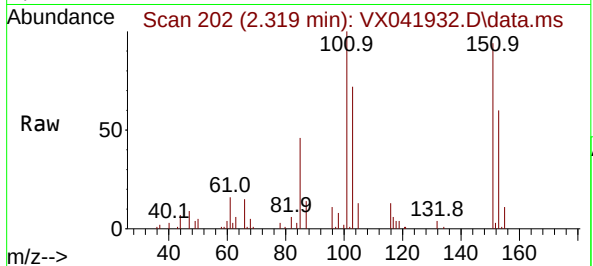




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.876 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX041932.D
 Acq: 18 Jun 2024 18:46

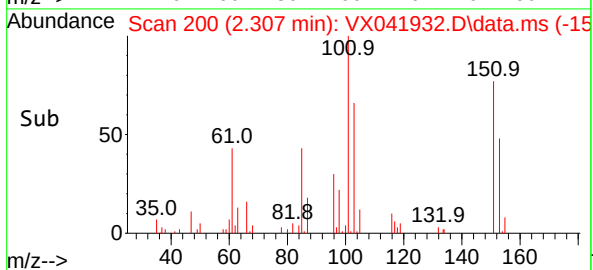
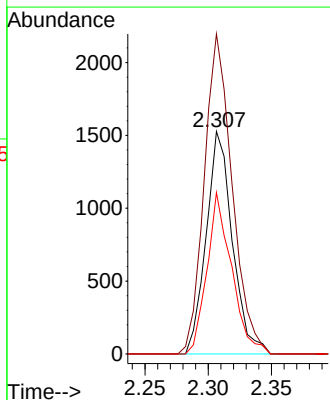
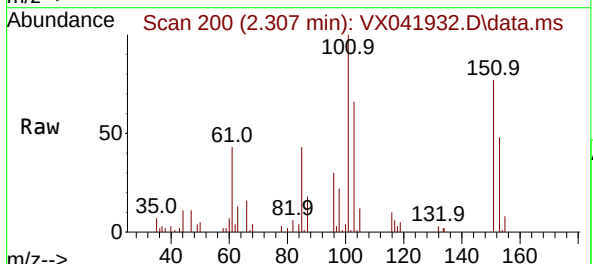
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-520-522

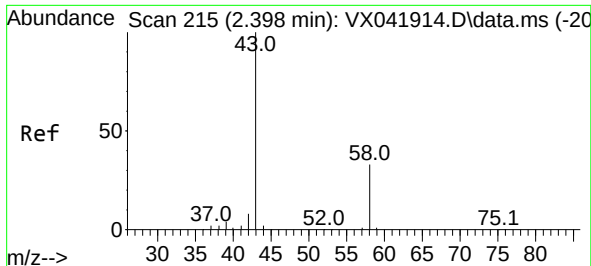
Tgt Ion:101 Resp: 14013
 Ion Ratio Lower Upper
 101 100
 85 42.3 37.0 55.6
 151 87.5 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 2.028 ug/l
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX041932.D
 Acq: 18 Jun 2024 18:46

Tgt Ion: 96 Resp: 2201
 Ion Ratio Lower Upper
 96 100
 61 143.8 144.6 216.8#
 98 72.6 50.4 75.6

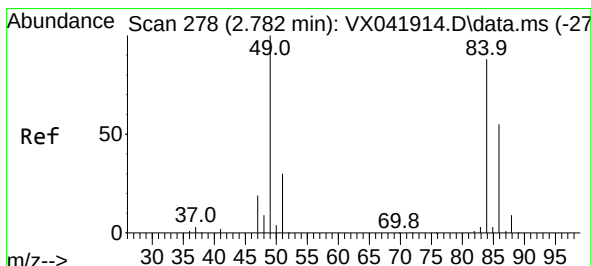
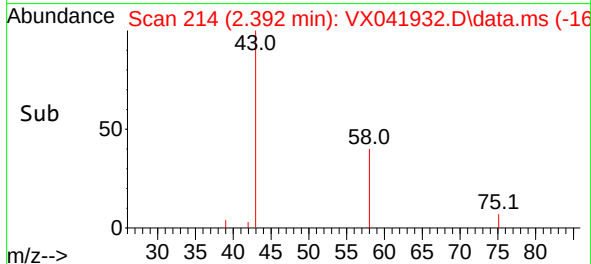
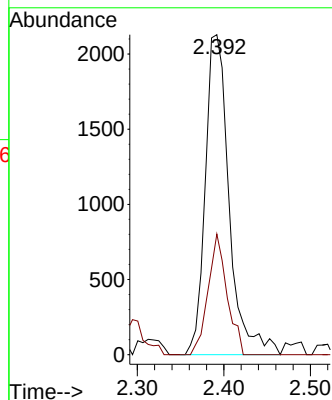
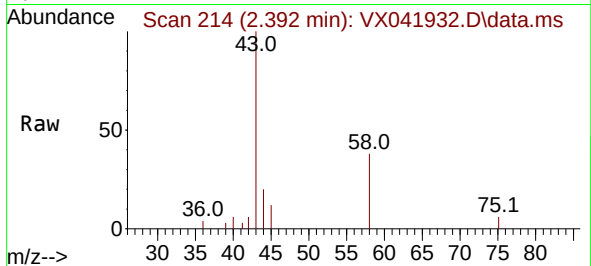




#16
Acetone
Concen: 6.401 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

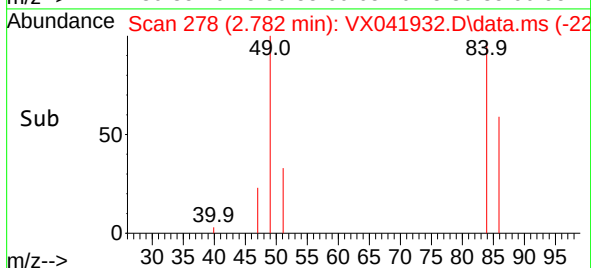
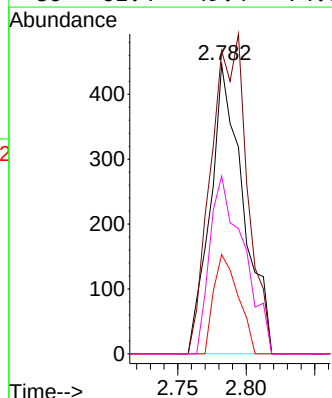
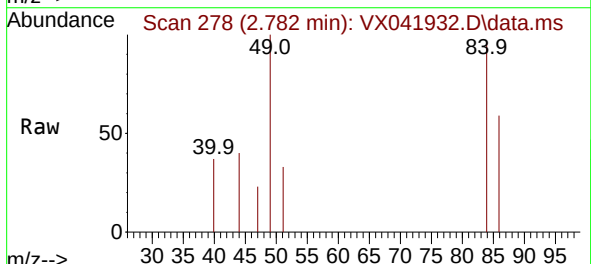
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522

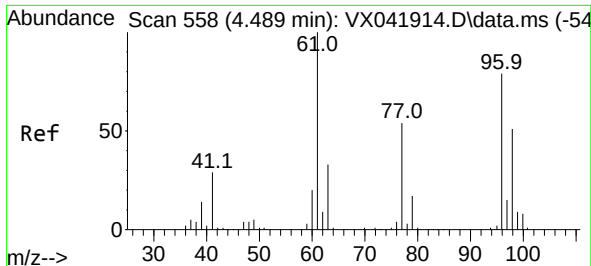
Tgt Ion: 43 Resp: 4079
Ion Ratio Lower Upper
43 100
58 37.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.534 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 84 Resp: 745
Ion Ratio Lower Upper
84 100
49 104.7 103.6 155.4
51 34.3 33.8 50.6
86 61.4 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 2.461 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041932.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-520-522

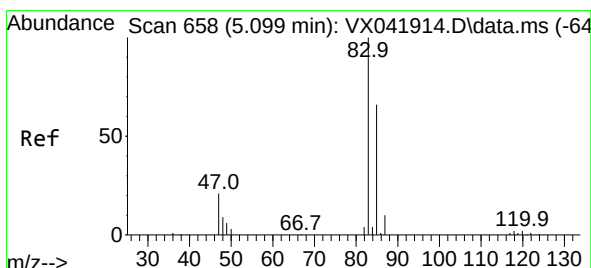
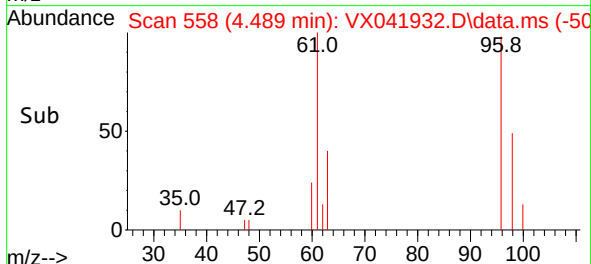
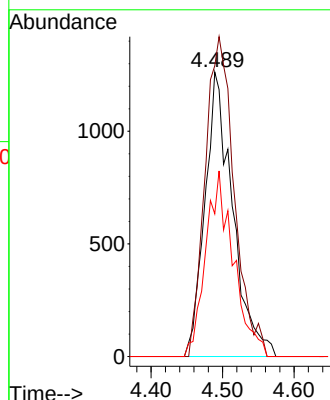
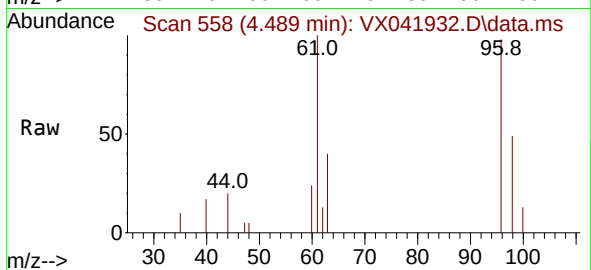
Tgt Ion: 96 Resp: 3396

Ion Ratio Lower Upper

96 100

61 118.4 0.0 312.2

98 65.3 0.0 129.0



#30

Chloroform

Concen: 1.453 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX041932.D

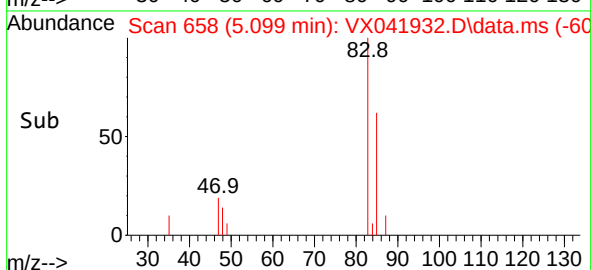
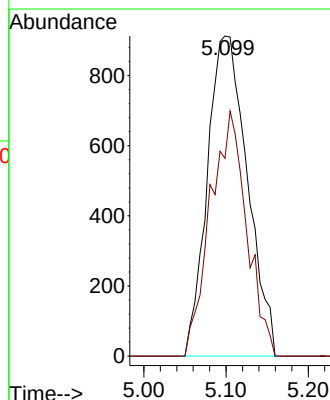
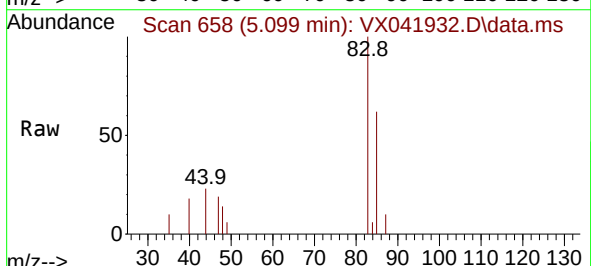
Acq: 18 Jun 2024 18:46

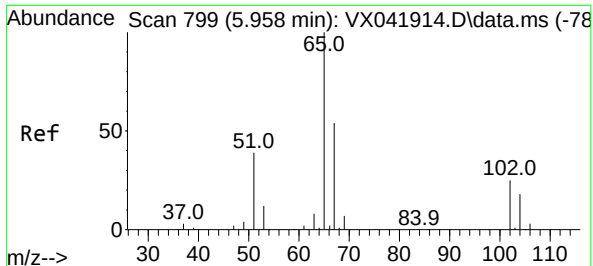
Tgt Ion: 83 Resp: 3086

Ion Ratio Lower Upper

83 100

85 61.8 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 45.580 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041932.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

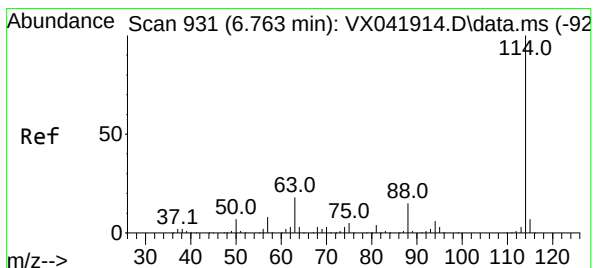
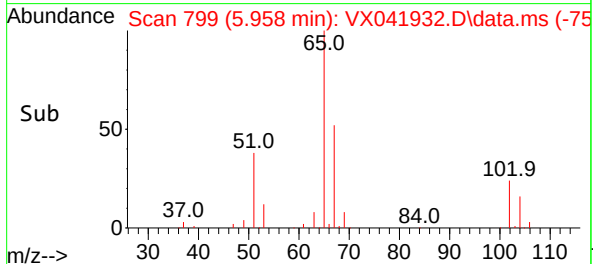
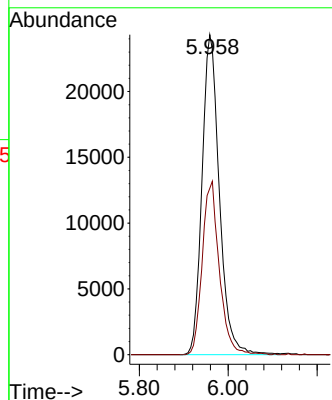
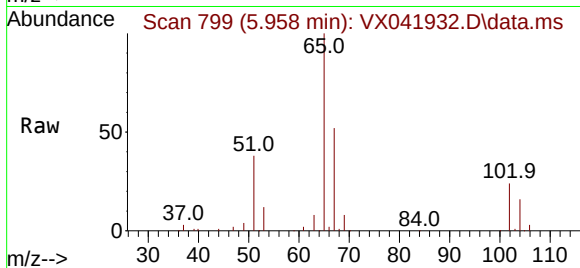
BP-VPB-189-GW-520-522

Tgt Ion: 65 Resp: 66153

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041932.D

Acq: 18 Jun 2024 18:46

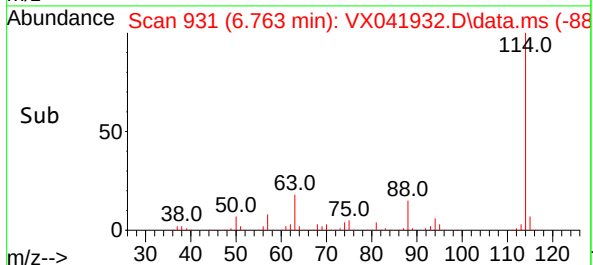
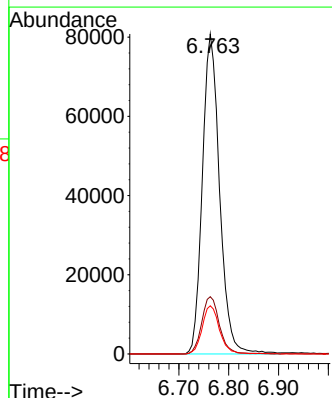
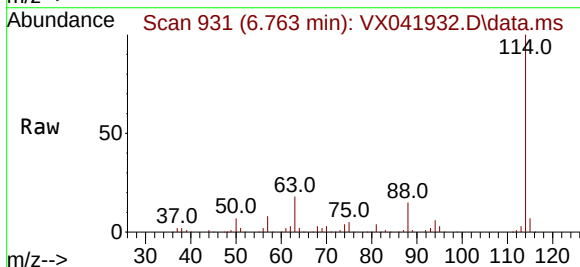
Tgt Ion: 114 Resp: 194004

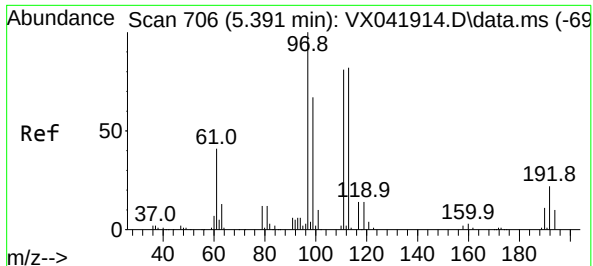
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 15.1 0.0 36.6

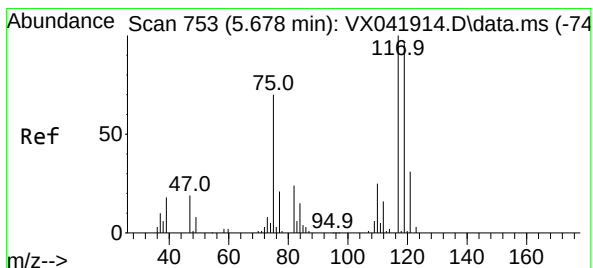
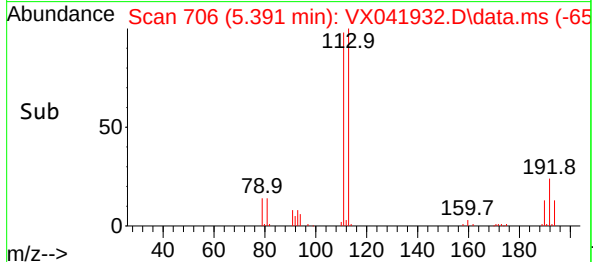
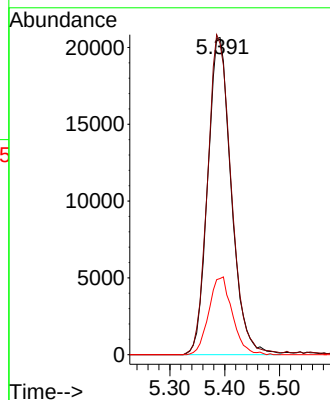
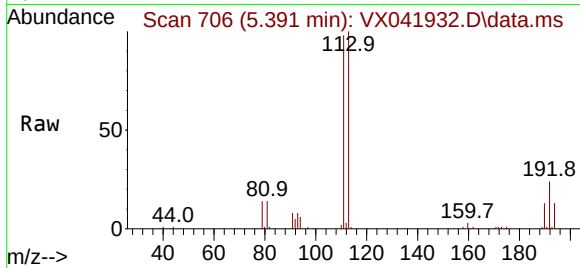




#35
Dibromofluoromethane
Concen: 44.677 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

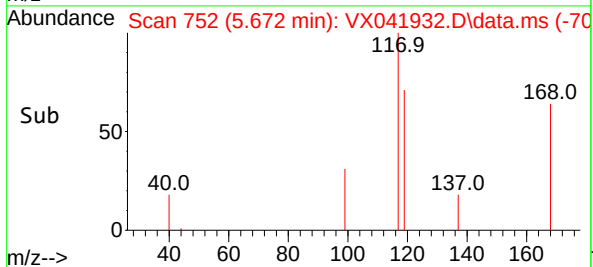
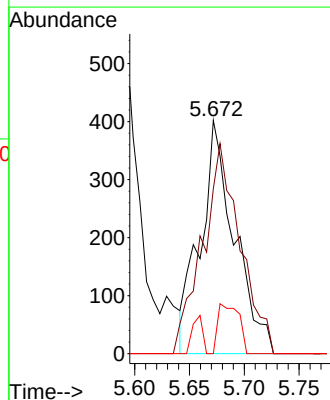
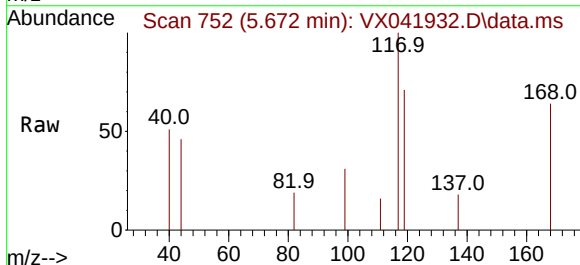
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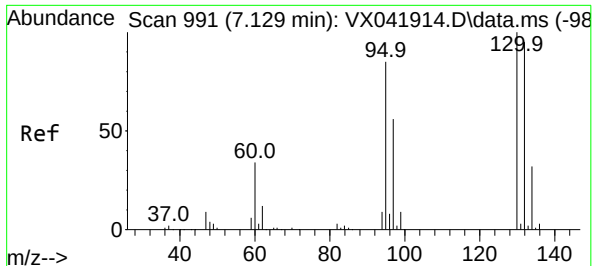
Tgt Ion:113 Resp: 61501
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 24.6 13.3 19.9#



#38
Carbon Tetrachloride
Concen: 0.539 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

Tgt Ion:117 Resp: 871
Ion Ratio Lower Upper
117 100
119 70.6 78.2 117.2#
121 0.0 24.4 36.6#

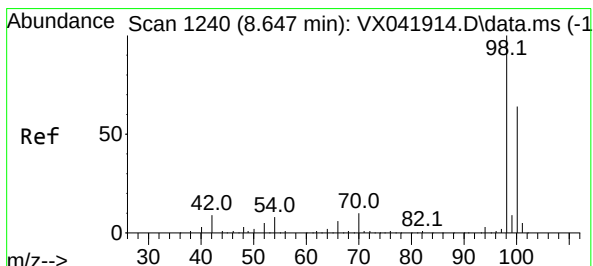
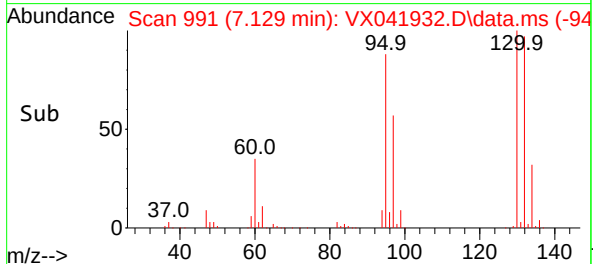
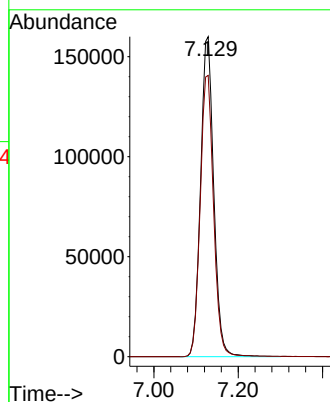
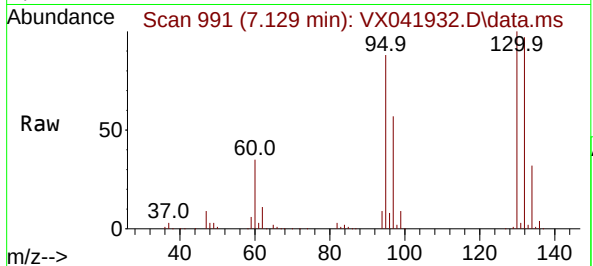




#44
Trichloroethene
Concen: 263.698 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

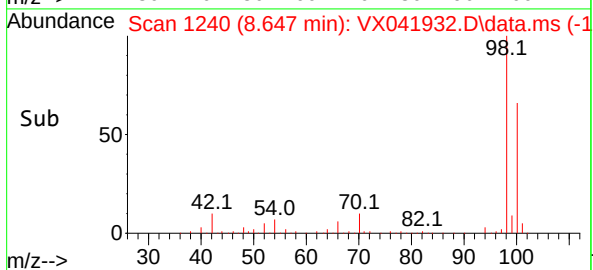
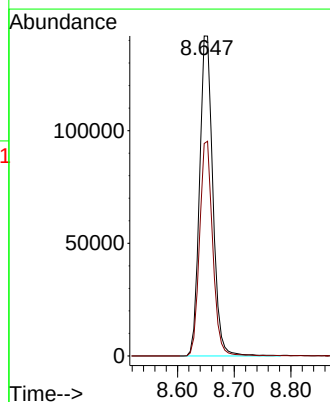
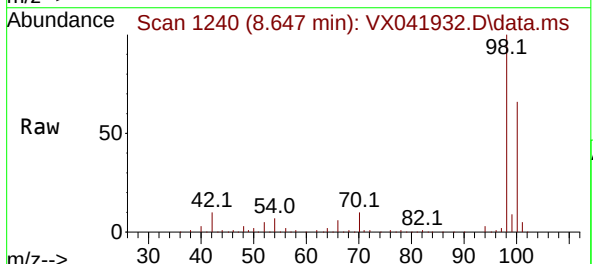
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522

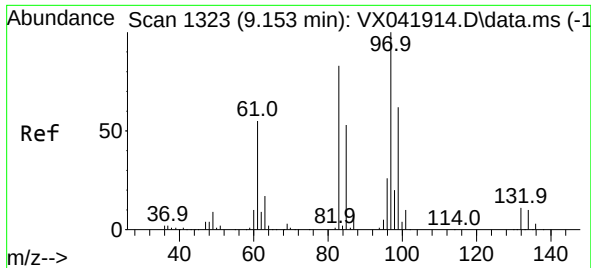
Tgt Ion:130 Resp: 348476
Ion Ratio Lower Upper
130 100
95 87.9 0.0 204.4



#50
Toluene-d8
Concen: 47.792 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 98 Resp: 231120
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

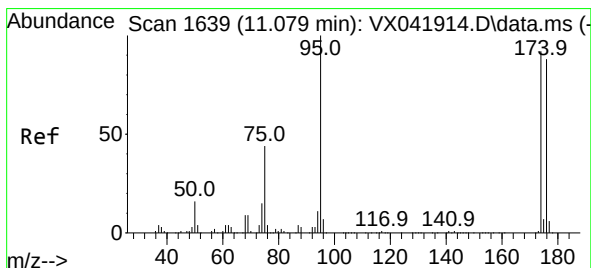
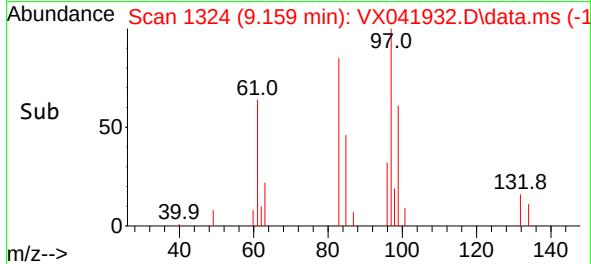
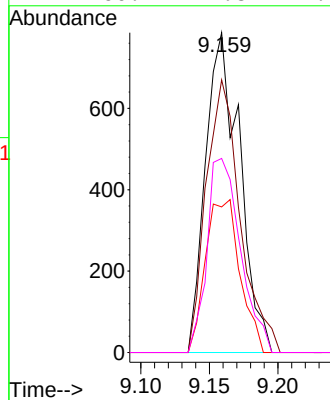
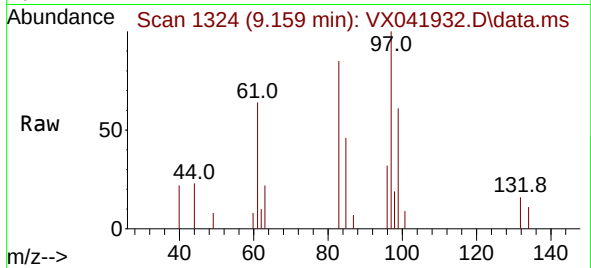




#55
1,1,2-Trichloroethane
Concen: 1.037 ug/l
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

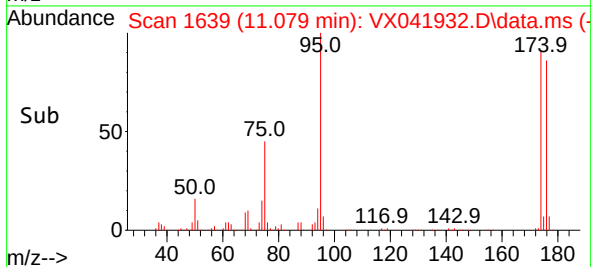
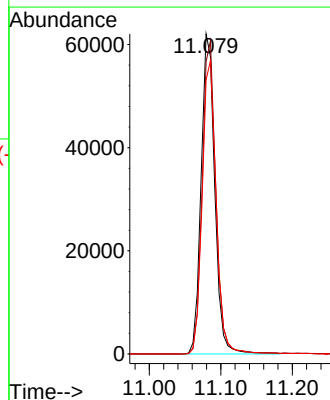
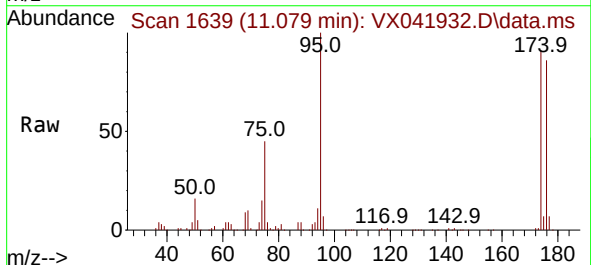
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522

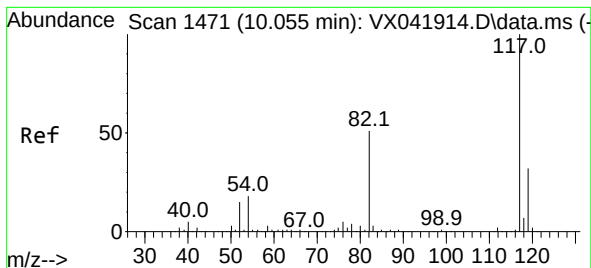
Tgt Ion: 97	Resp:	1356	
Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.8	98.8
85	45.5	41.6	62.4
99	60.7	47.8	71.8



#62
4-Bromofluorobenzene
Concen: 46.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041932.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 95	Resp:	82245	
Ion Ratio	Lower	Upper	
95 100			
174	98.3	0.0	135.6
176	94.1	0.0	131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041932.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-520-522

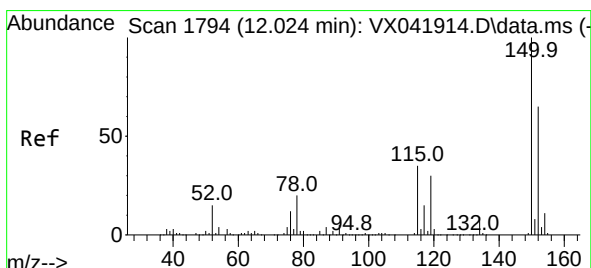
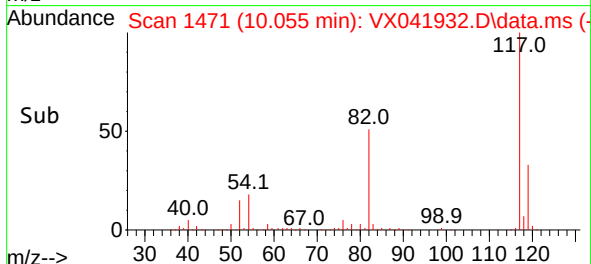
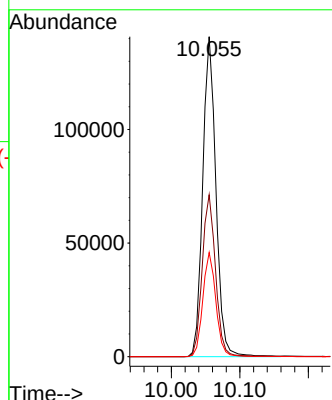
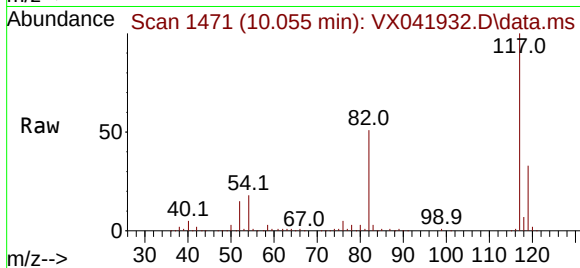
Tgt Ion:117 Resp: 189276

Ion Ratio Lower Upper

117 100

82 50.6 46.2 69.4

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041932.D

Acq: 18 Jun 2024 18:46

Tgt Ion:152 Resp: 89912

Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 155.1 0.0 345.0

