

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041931.D
 Acq On : 18 Jun 2024 18:22
 Operator : JC/MD
 Sample : P2927-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-498-500

Quant Time: Jun 19 08:49:07 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)

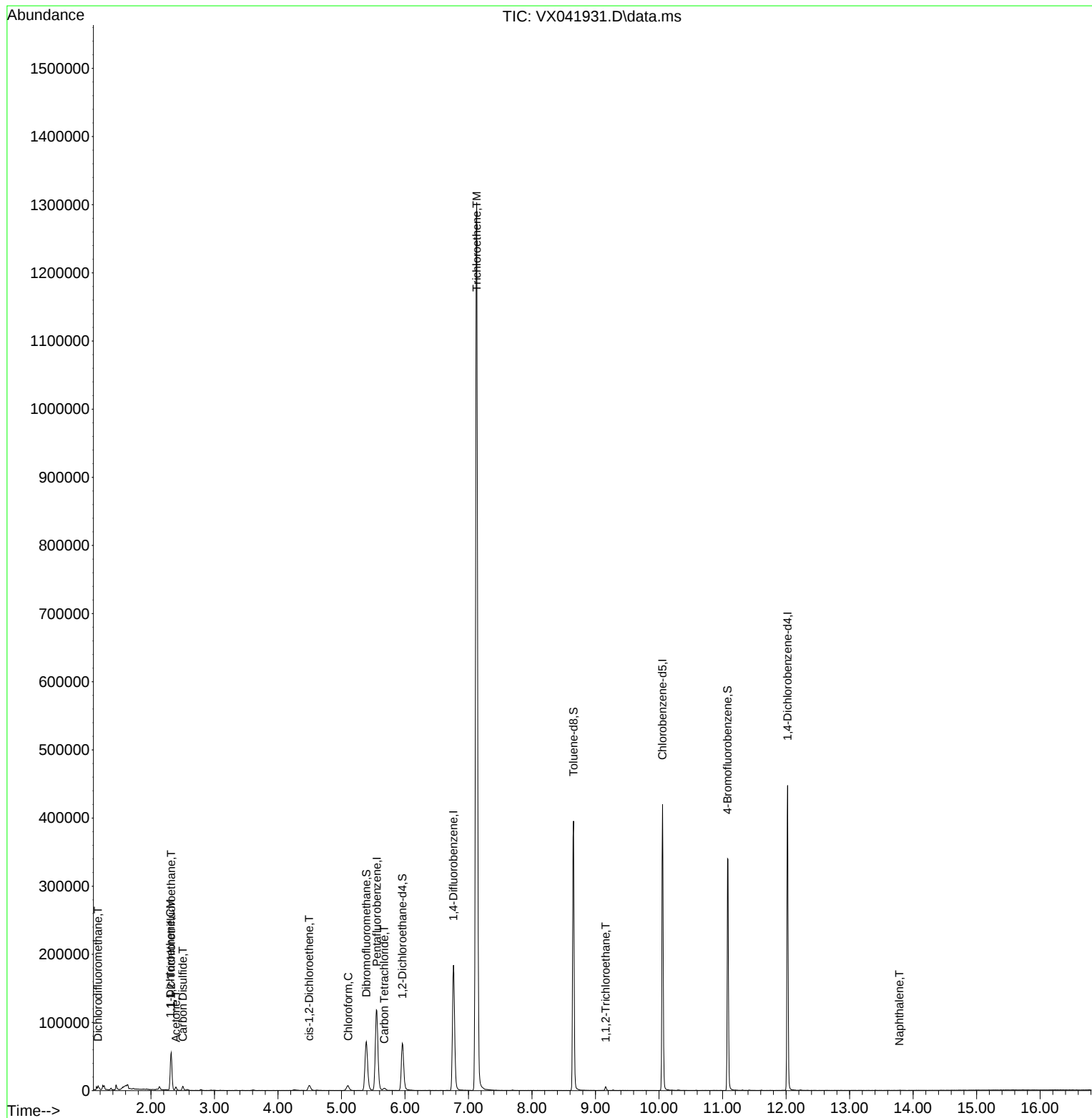
Internal Standards						
1) Pentafluorobenzene	5.556	168	132041	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	204686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67435	44.289	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.580%
35) Dibromofluoromethane	5.391	113	63940	44.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.060%
50) Toluene-d8	8.653	98	244506	47.922	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.079	95	93226	49.567	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.140%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	2704	2.688	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	18647	16.333	ug/l	86
12) 1,1-Dichloroethene	2.306	96	3499	3.072	ug/l	83
16) Acetone	2.392	43	4970	7.434	ug/l	99
17) Carbon Disulfide	2.501	76	8717	3.754	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	5387	3.721	ug/l	78
30) Chloroform	5.105	83	9263	4.159	ug/l	96
38) Carbon Tetrachloride	5.672	117	2815	1.652	ug/l	86
44) Trichloroethene	7.129	130	567167	406.787	ug/l	87
55) 1,1,2-Trichloroethane	9.159	97	1791	1.298	ug/l	96
95) Naphthalene	13.786	128	407	0.801	ug/l	# 69

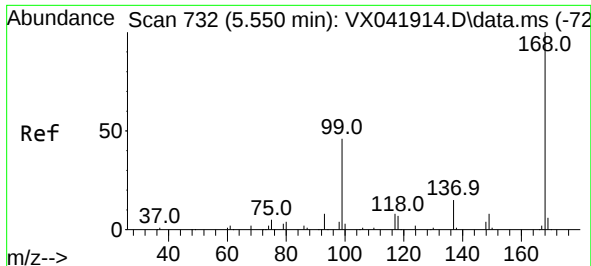
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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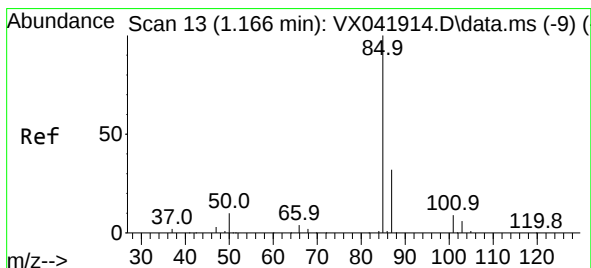
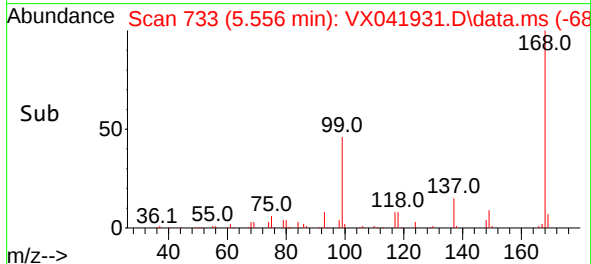
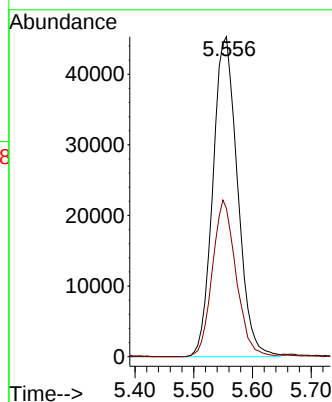
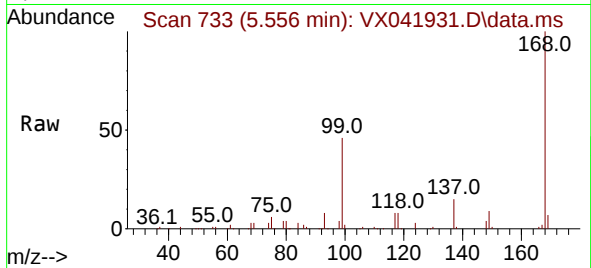




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

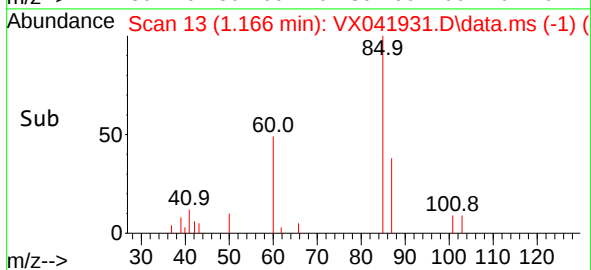
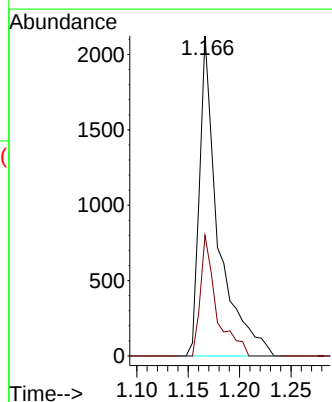
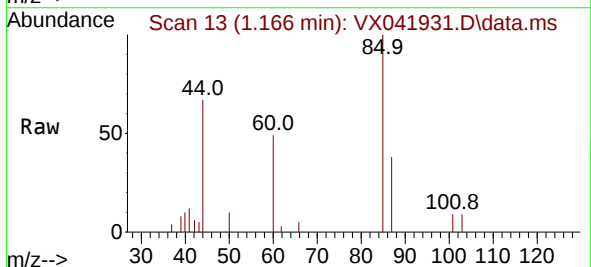
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500

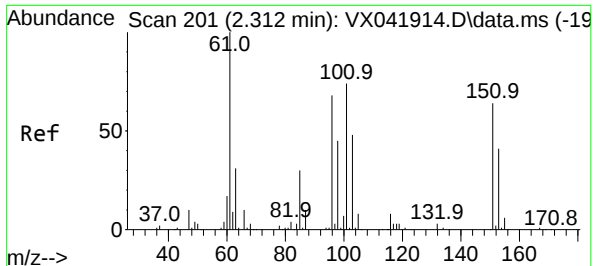
Tgt Ion:168 Resp: 132041
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 2.688 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

Tgt Ion: 85 Resp: 2704
Ion Ratio Lower Upper
85 100
87 37.6 16.7 50.1

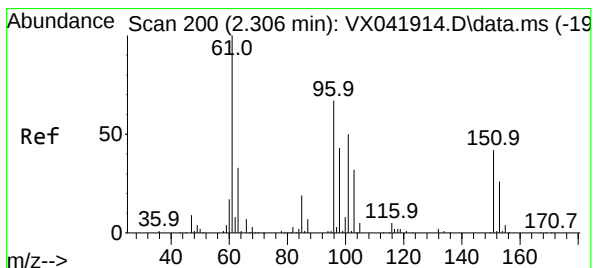
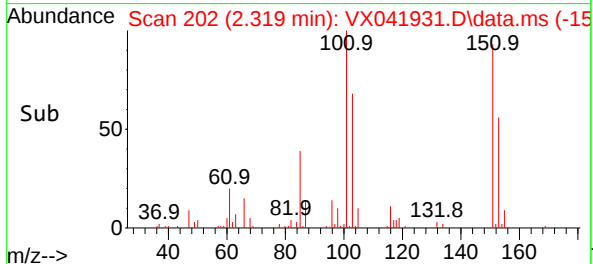
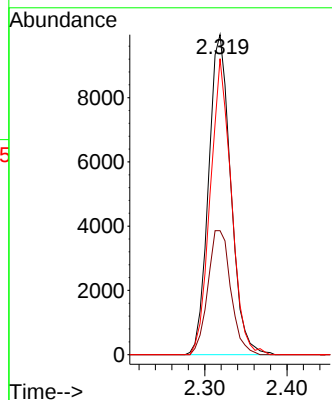
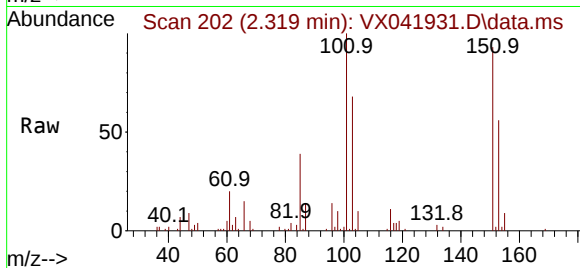




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.333 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

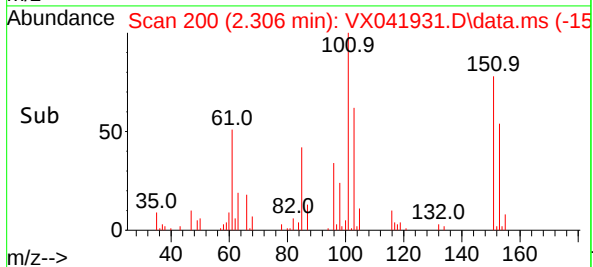
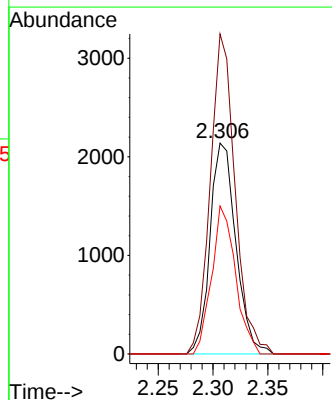
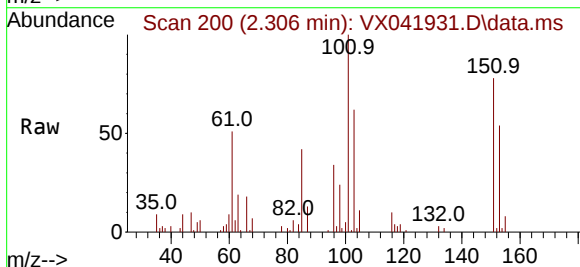
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500

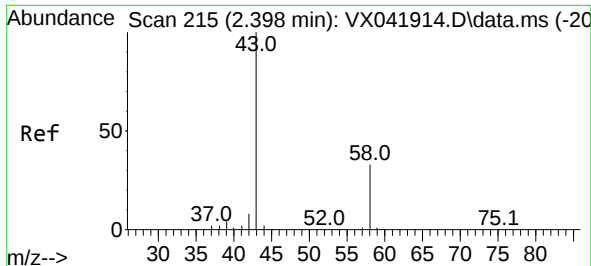
Tgt Ion:101 Resp: 18647
Ion Ratio Lower Upper
101 100
85 40.2 37.0 55.6
151 87.7 58.6 87.8



#12
1,1-Dichloroethene
Concen: 3.072 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

Tgt Ion: 96 Resp: 3499
Ion Ratio Lower Upper
96 100
61 151.8 144.6 216.8
98 70.2 50.4 75.6

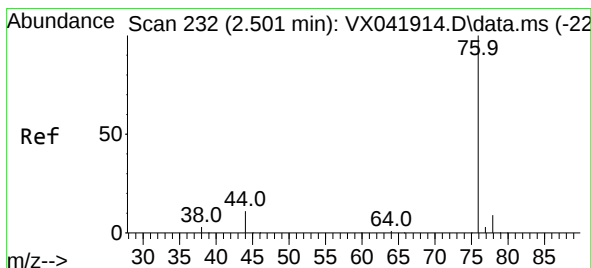
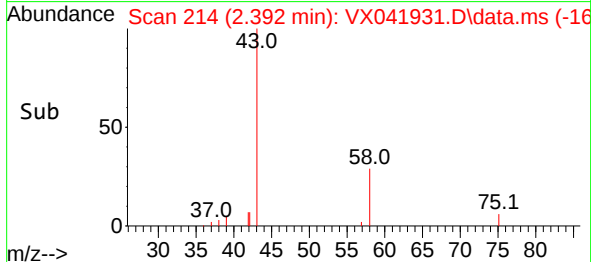
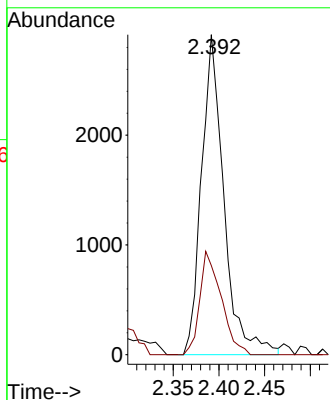
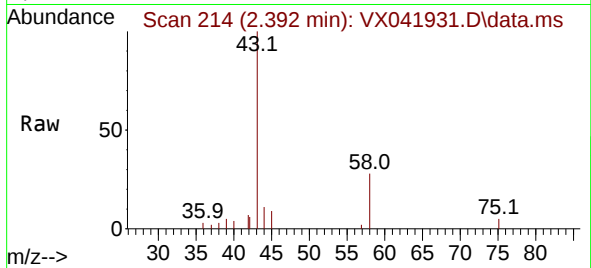




#16
Acetone
Concen: 7.434 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

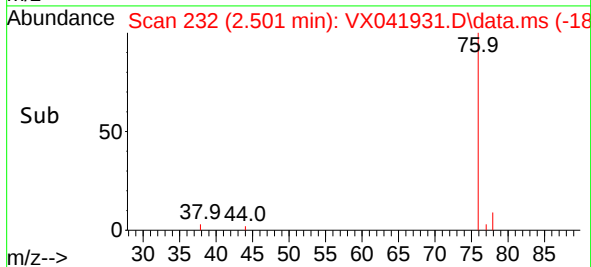
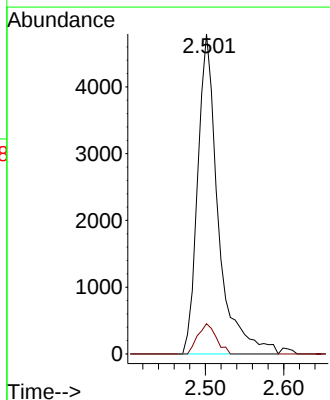
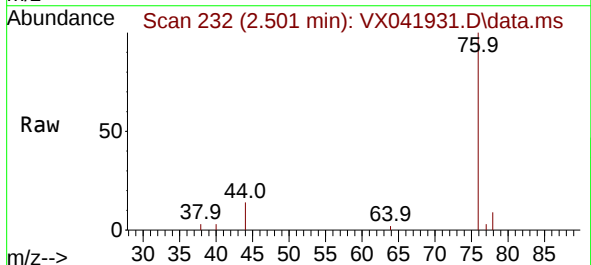
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500

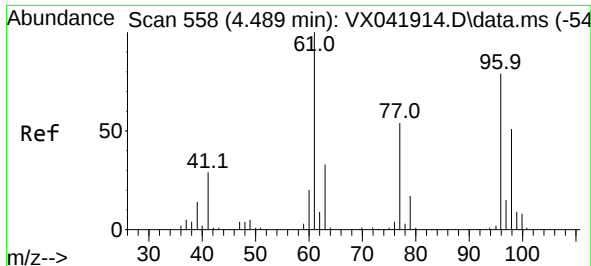
Tgt Ion: 43 Resp: 4970
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9



#17
Carbon Disulfide
Concen: 3.754 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

Tgt Ion: 76 Resp: 8717
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6





#27

cis-1,2-Dichloroethene

Concen: 3.721 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX041931.D

Acq: 18 Jun 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-498-500

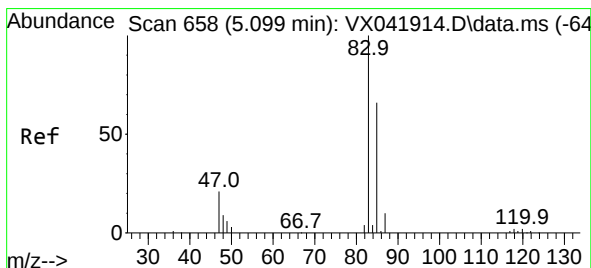
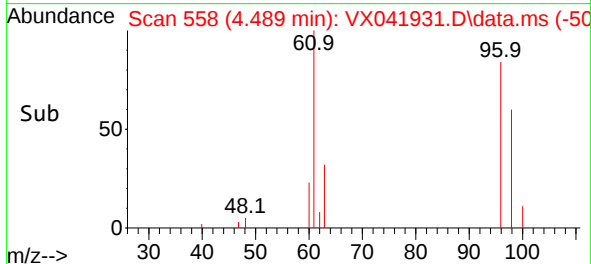
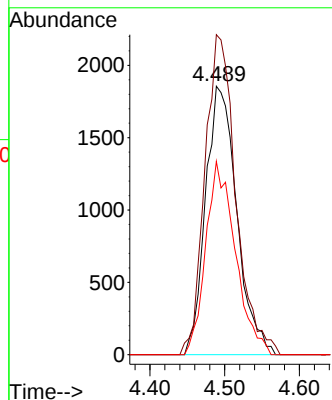
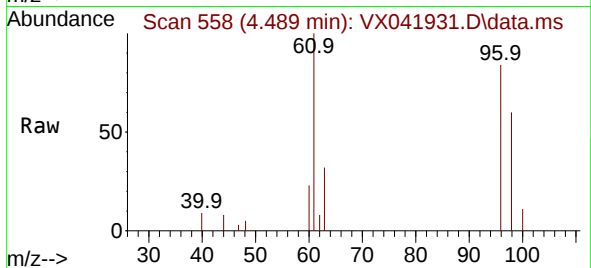
Tgt Ion: 96 Resp: 5387

Ion Ratio Lower Upper

96 100

61 117.9 0.0 312.2

98 68.3 0.0 129.0



#30

Chloroform

Concen: 4.159 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX041931.D

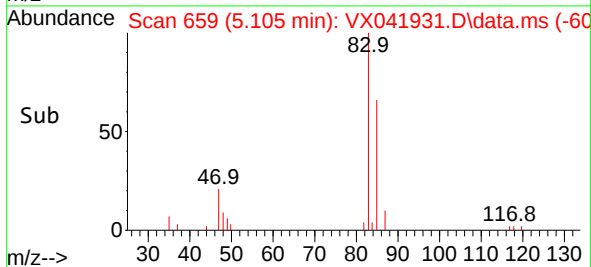
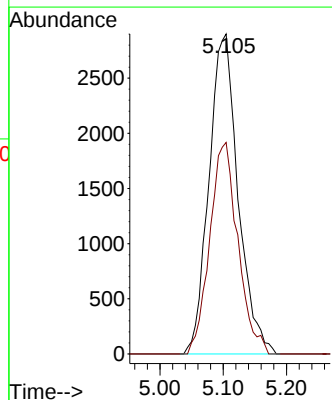
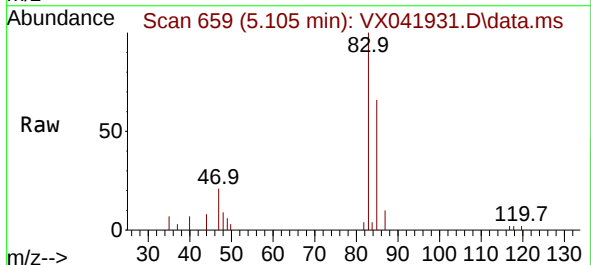
Acq: 18 Jun 2024 18:22

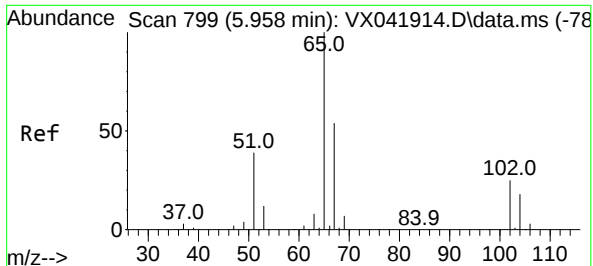
Tgt Ion: 83 Resp: 9263

Ion Ratio Lower Upper

83 100

85 66.1 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 44.289 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX041931.D

Acq: 18 Jun 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

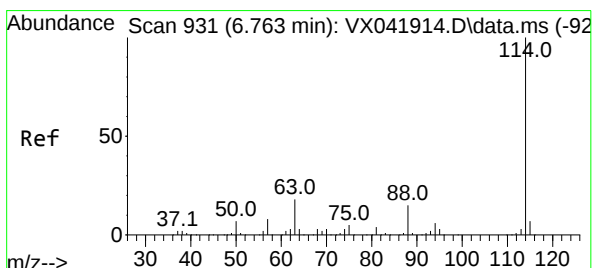
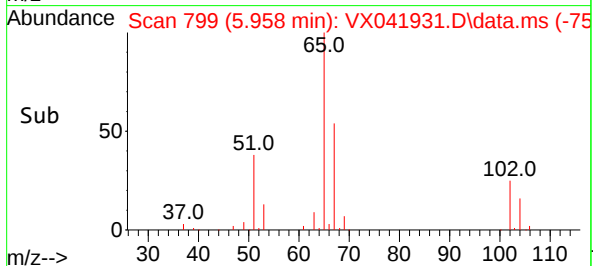
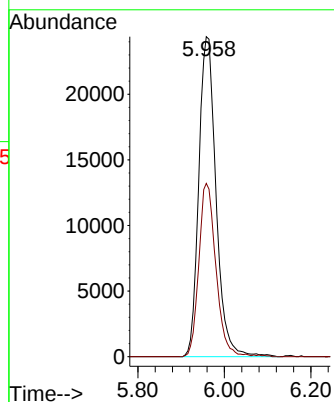
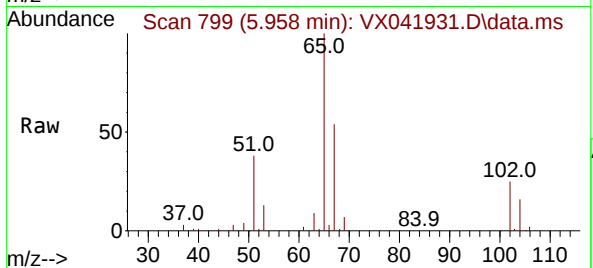
BP-VPB-189-GW-498-500

Tgt Ion: 65 Resp: 67435

Ion Ratio Lower Upper

65 100

67 53.4 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: VX041931.D

Acq: 18 Jun 2024 18:22

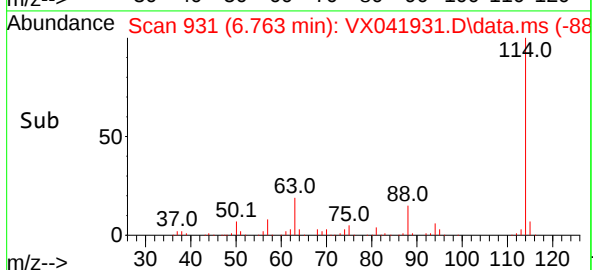
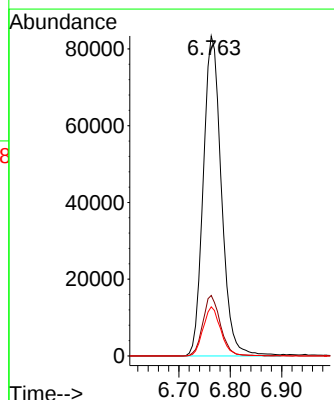
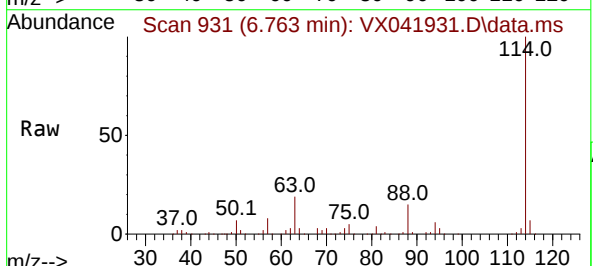
Tgt Ion: 114 Resp: 204686

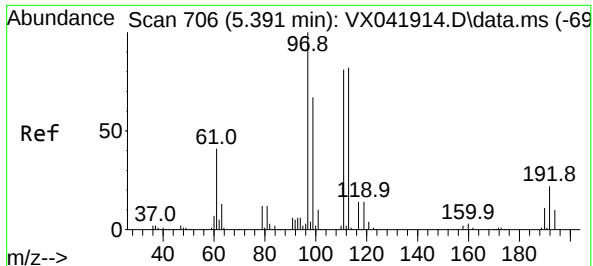
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.025 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX041931.D

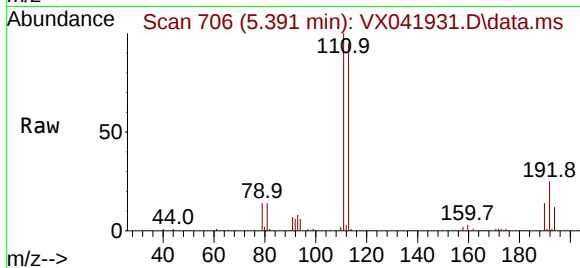
Acq: 18 Jun 2024 18:22

Instrument :

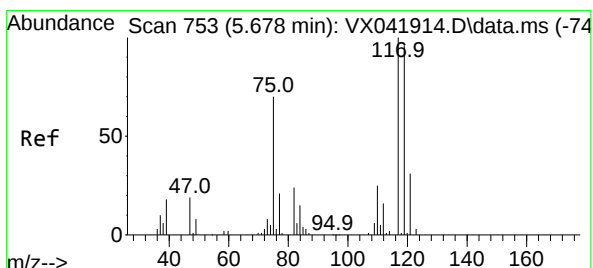
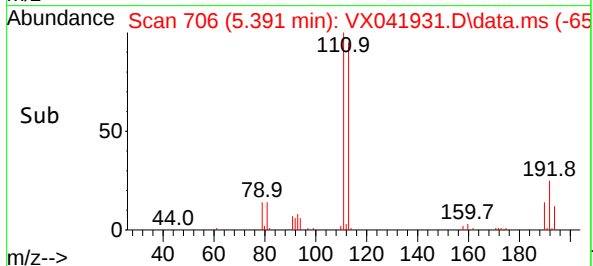
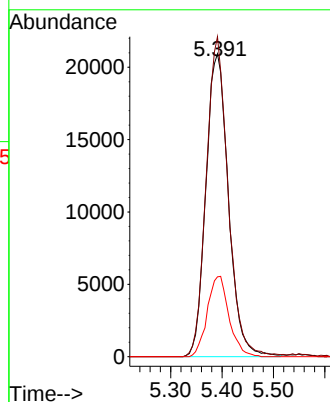
MSVOA_X

ClientSampleId :

BP-VPB-189-GW-498-500



Tgt Ion:	113	Resp:	63940
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	25.5	13.3	19.9



#38

Carbon Tetrachloride

Concen: 1.652 ug/l

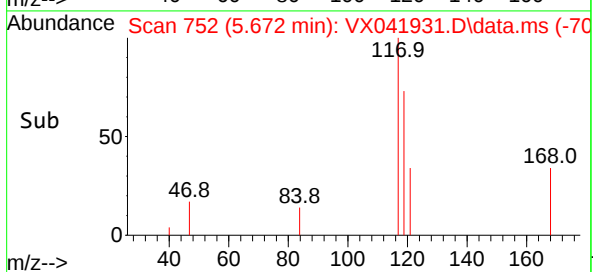
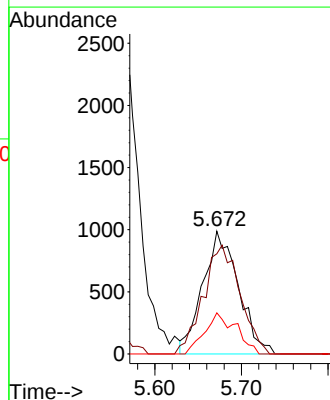
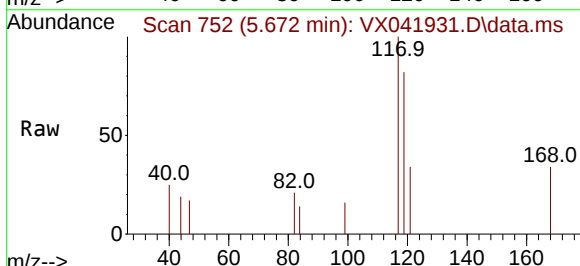
RT: 5.672 min Scan# 752

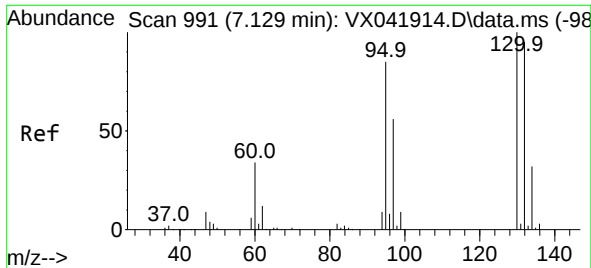
Delta R.T. -0.006 min

Lab File: VX041931.D

Acq: 18 Jun 2024 18:22

Tgt Ion:	117	Resp:	2815
Ion	Ratio	Lower	Upper
117	100		
119	81.6	78.2	117.2
121	33.5	24.4	36.6

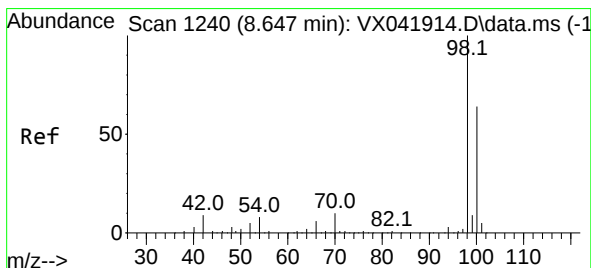
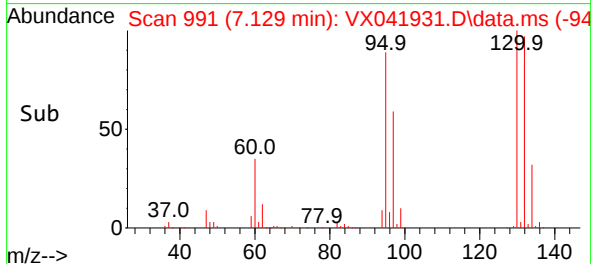
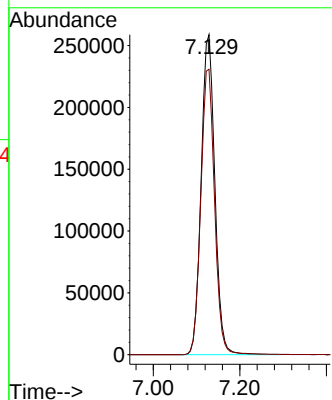
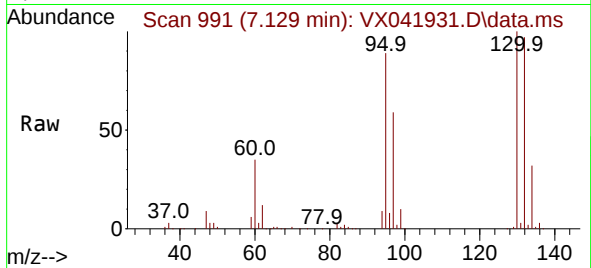




#44
Trichloroethene
Concen: 406.787 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

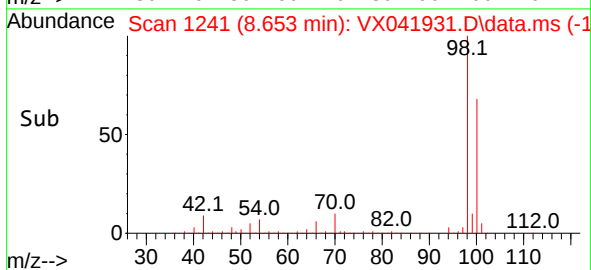
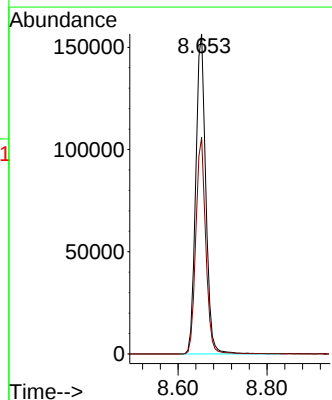
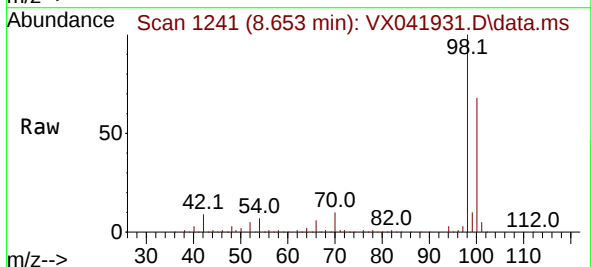
Instrument :
MSVOA_X
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BP-VPB-189-GW-498-500

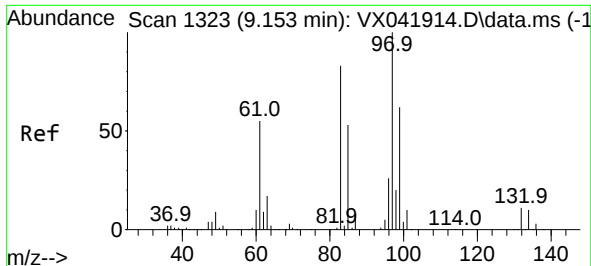
Tgt Ion:130 Resp: 567167
Ion Ratio Lower Upper
130 100
95 89.2 0.0 204.4



#50
Toluene-d8
Concen: 47.922 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

Tgt Ion: 98 Resp: 244506
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





#55

1,1,2-Trichloroethane

Concen: 1.298 ug/l

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041931.D

Acq: 18 Jun 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-498-500

Tgt Ion: 97 Resp: 1791

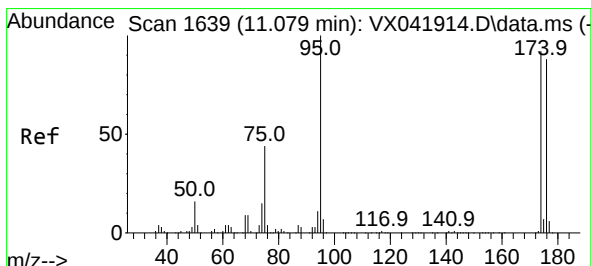
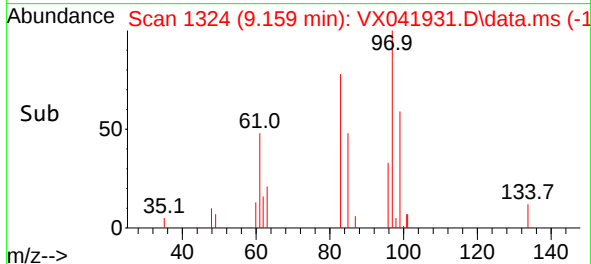
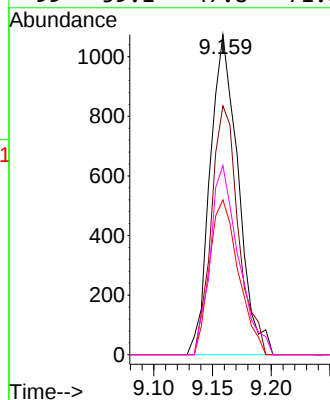
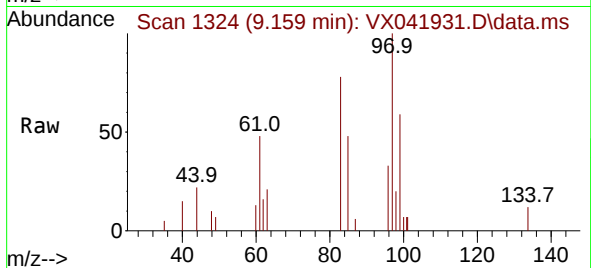
Ion Ratio Lower Upper

97 100

83 77.7 65.8 98.8

85 48.4 41.6 62.4

99 59.1 47.8 71.8



#62

4-Bromofluorobenzene

Concen: 49.567 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041931.D

Acq: 18 Jun 2024 18:22

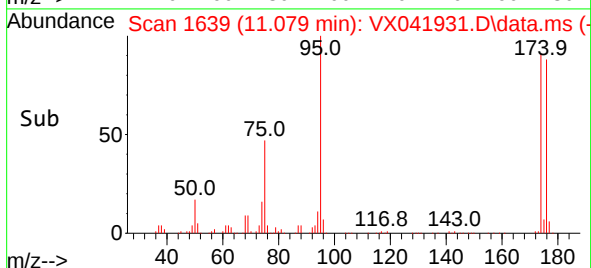
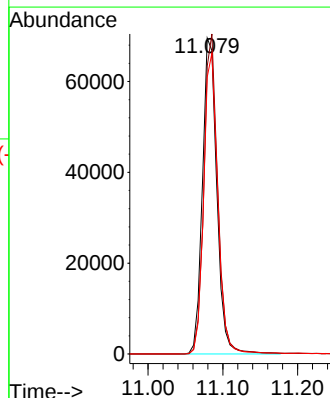
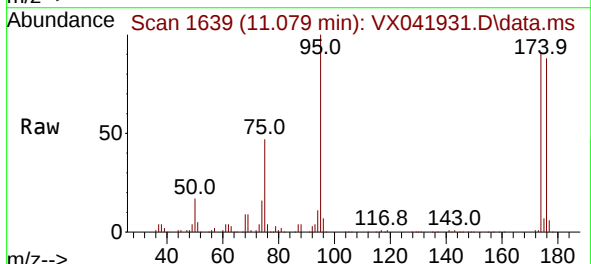
Tgt Ion: 95 Resp: 93226

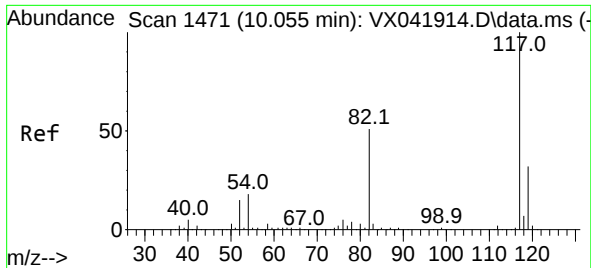
Ion Ratio Lower Upper

95 100

174 97.2 0.0 135.6

176 94.0 0.0 131.0

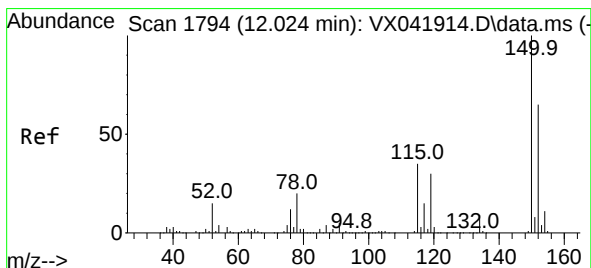
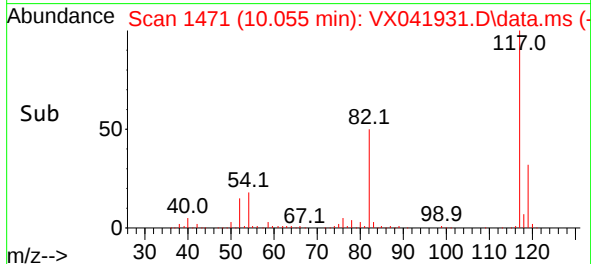
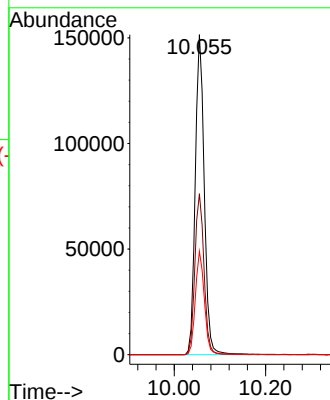
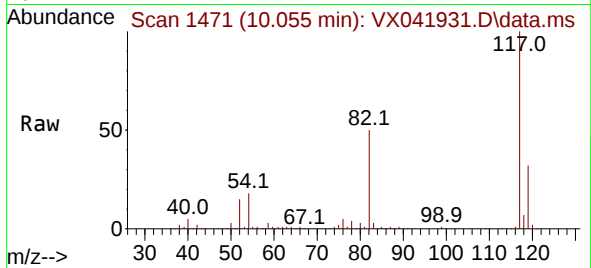




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

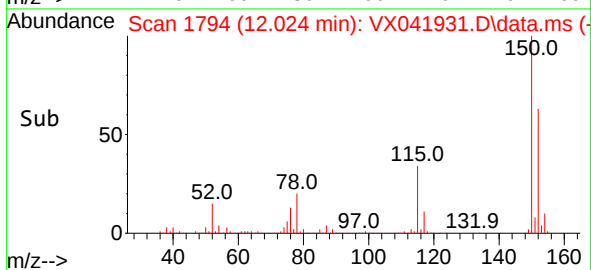
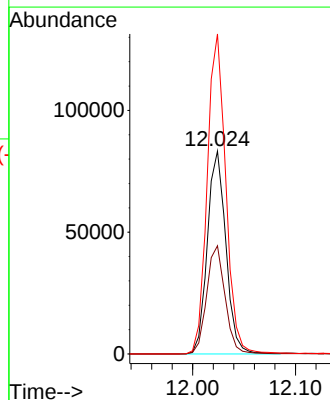
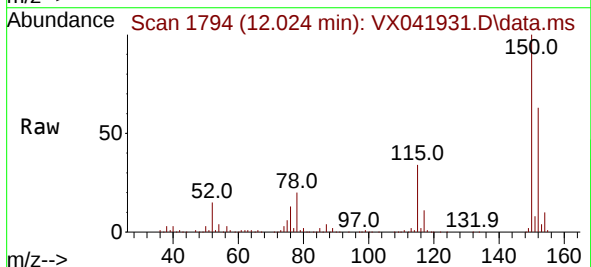
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500

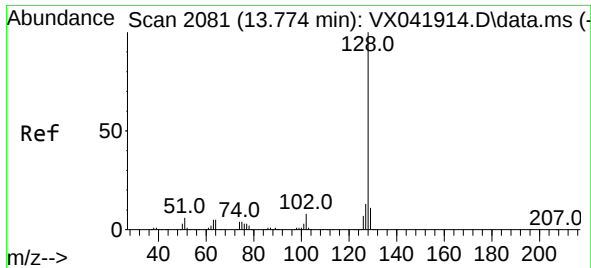
Tgt Ion:117 Resp: 207742
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

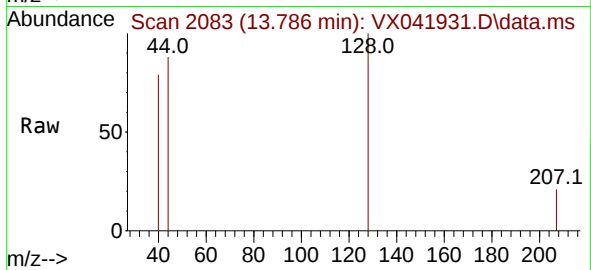
Tgt Ion:152 Resp: 104564
Ion Ratio Lower Upper
152 100
115 53.4 43.3 129.9
150 158.0 0.0 345.0





#95
Naphthalene
Concen: 0.801 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX041931.D
Acq: 18 Jun 2024 18:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-498-500



Tgt Ion:128 Resp: 407
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

