

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047943.D
 Acq On : 01 Oct 2025 16:11
 Operator : JC/MD
 Sample : Q3194-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT189D1-20250922

Quant Time: Oct 03 01:25:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

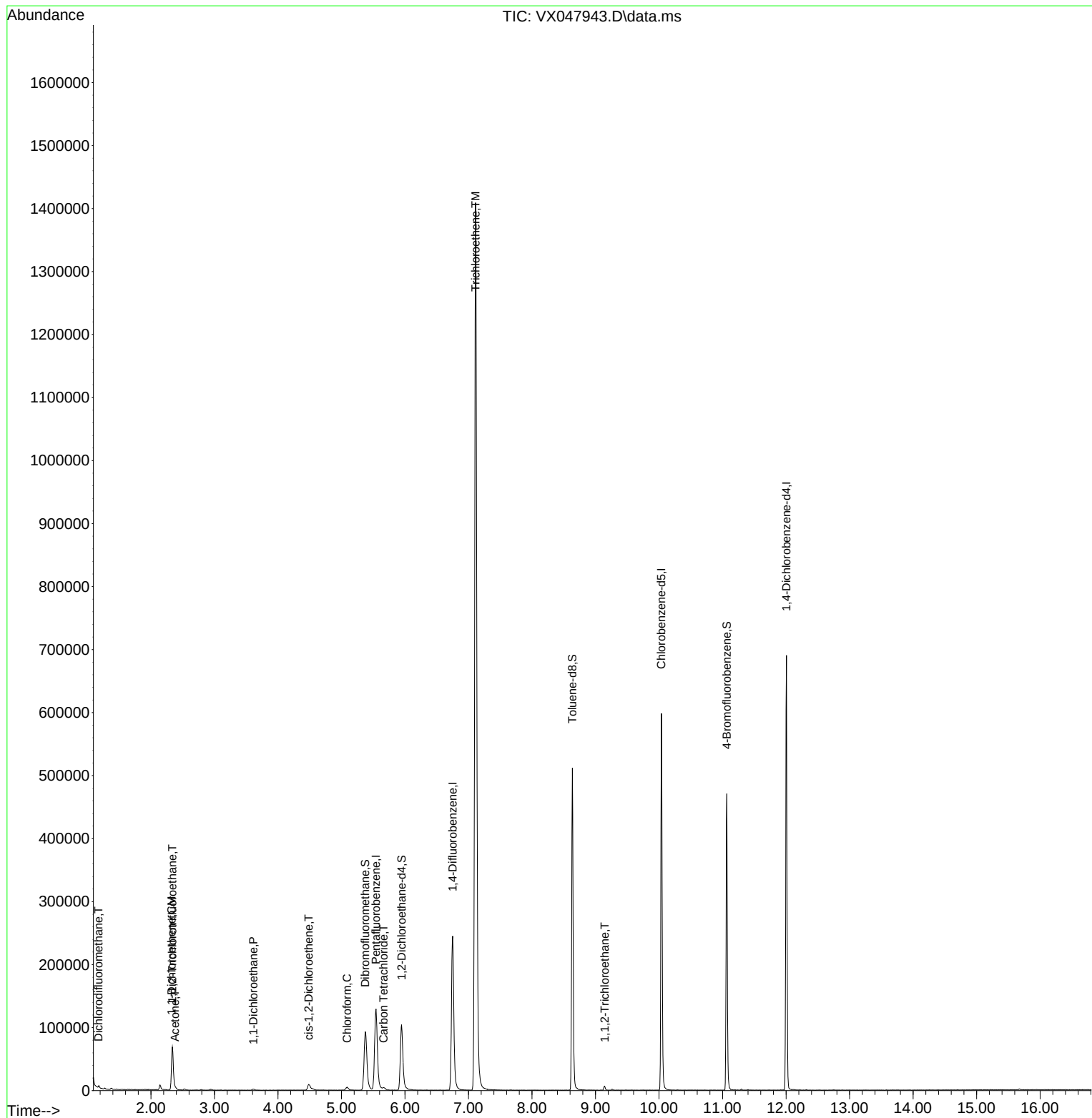
Internal Standards						
1) Pentafluorobenzene	5.543	168	128314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	270415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112531	55.096	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.200%	
35) Dibromofluoromethane	5.373	113	91167	50.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.540%	
50) Toluene-d8	8.634	98	305138	48.626	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	11.067	95	132121	55.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	1416	1.066	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.337	101	27837	18.756	ug/l	99
12) 1,1-Dichloroethene	2.325	96	4815	3.158	ug/l	92
16) Acetone	2.379	43	1550	1.745	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2656	0.820	ug/l #	81
27) cis-1,2-Dichloroethene	4.483	96	6844	3.405	ug/l	86
30) Chloroform	5.086	83	6011	1.836	ug/l #	81
38) Carbon Tetrachloride	5.659	117	3151	1.094	ug/l #	74
44) Trichloroethene	7.110	130	582988	299.597	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	1872	0.979	ug/l #	89

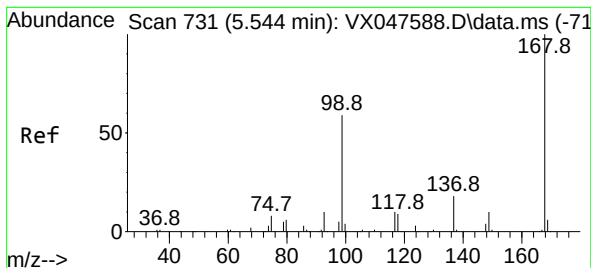
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
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Quant Time: Oct 03 01:25:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX047943.D

Acq: 01 Oct 2025 16:11

Instrument :

MSVOA_X

ClientSampleId :

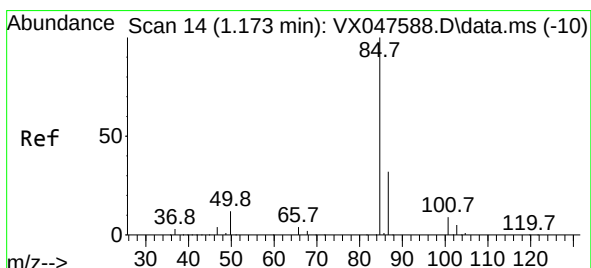
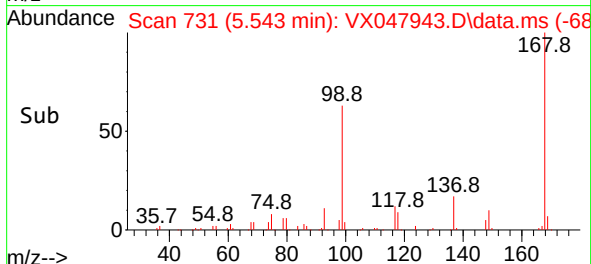
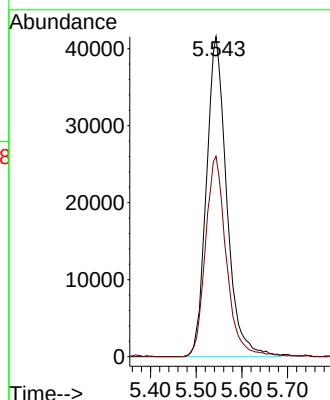
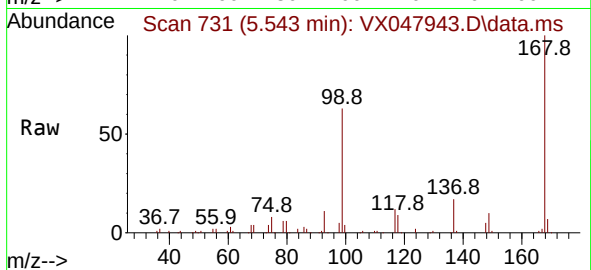
TT189D1-20250922

Tgt Ion:168 Resp: 128314

Ion Ratio Lower Upper

168 100

99 62.6 48.8 73.2



#2

Dichlorodifluoromethane

Concen: 1.066 ug/l

RT: 1.172 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX047943.D

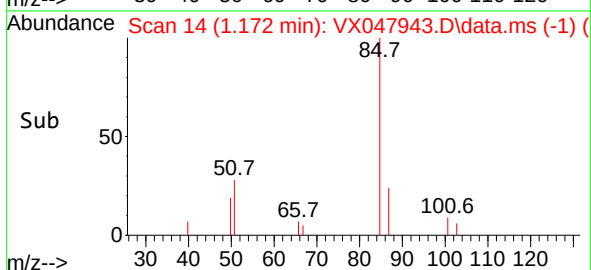
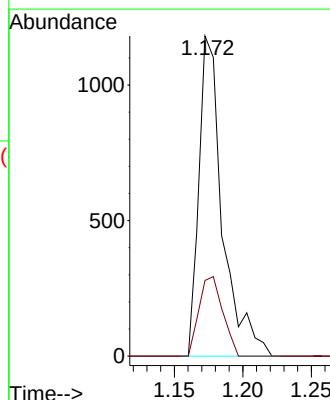
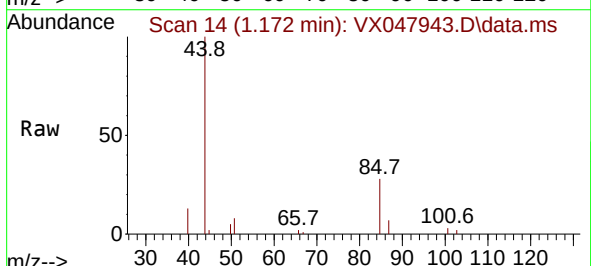
Acq: 01 Oct 2025 16:11

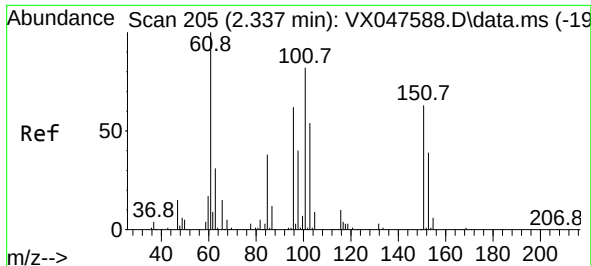
Tgt Ion: 85 Resp: 1416

Ion Ratio Lower Upper

85 100

87 23.6 15.8 47.3

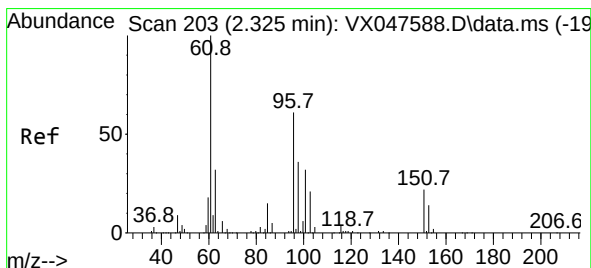
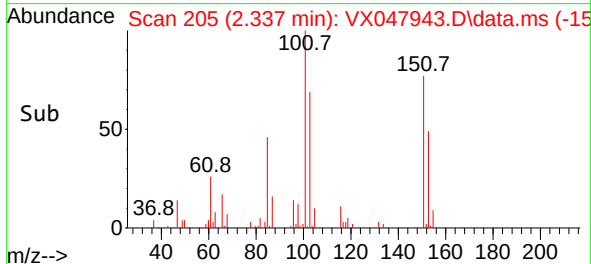
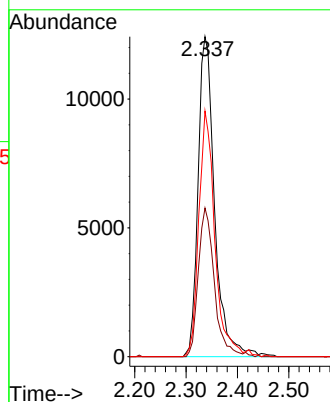
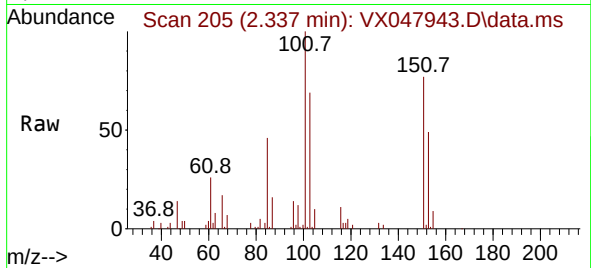




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.756 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

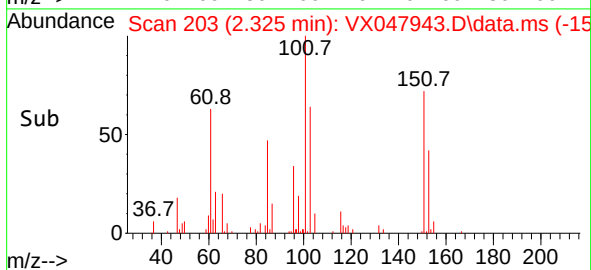
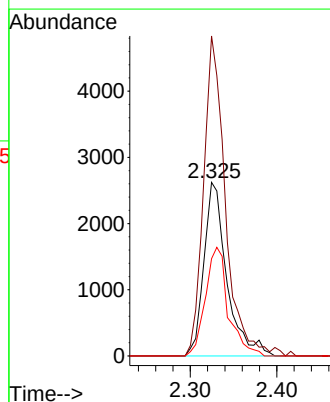
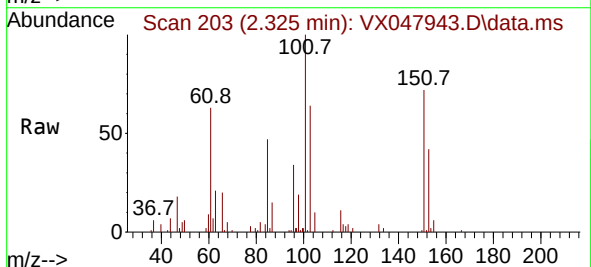
Instrument :
MSVOA_X
ClientSampleId :
TT189D1-20250922

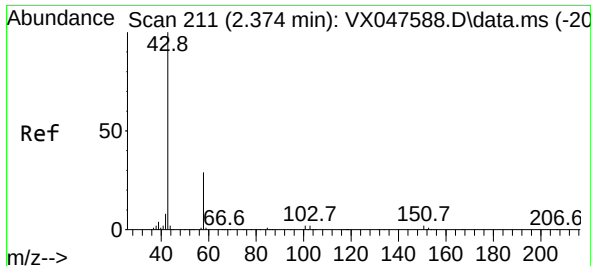
Tgt Ion:101 Resp: 27837
Ion Ratio Lower Upper
101 100
85 45.3 35.5 53.3
151 74.6 59.4 89.0



#12
1,1-Dichloroethene
Concen: 3.158 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

Tgt Ion: 96 Resp: 4815
Ion Ratio Lower Upper
96 100
61 175.7 131.0 196.6
98 55.7 47.7 71.5

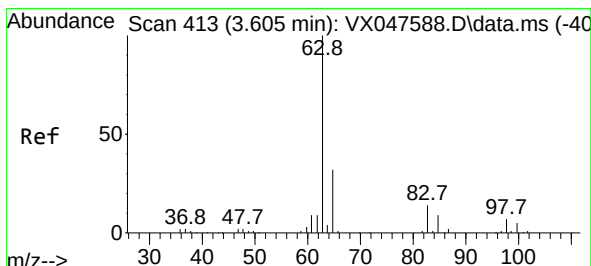
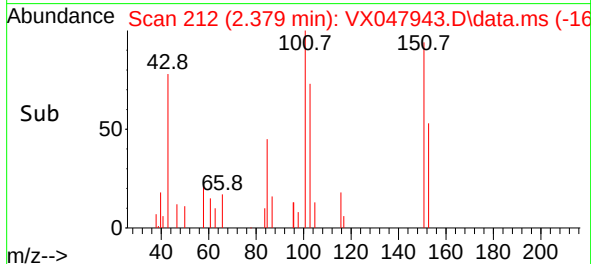
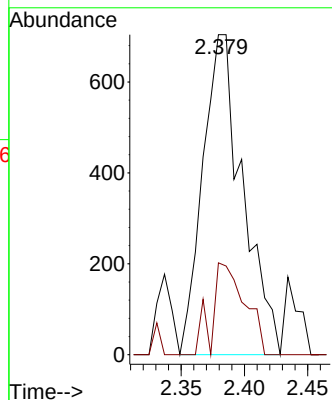
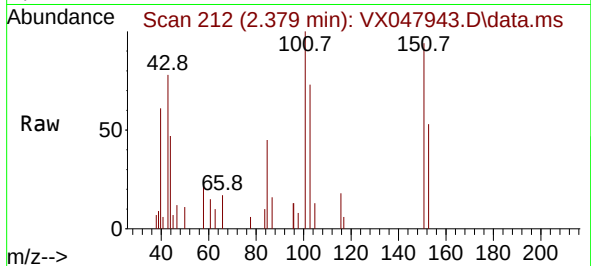




#16
Acetone
Concen: 1.745 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

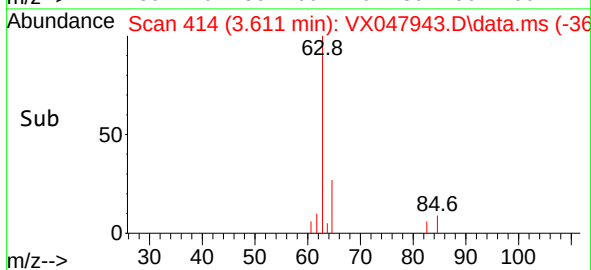
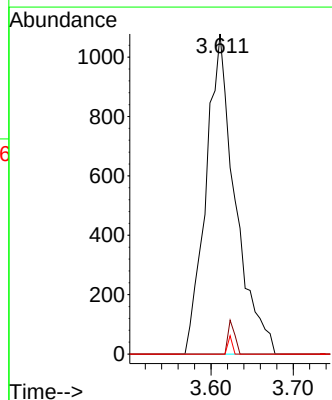
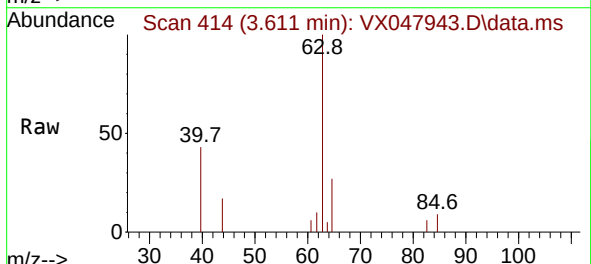
Instrument :
MSVOA_X
ClientSampleId :
TT189D1-20250922

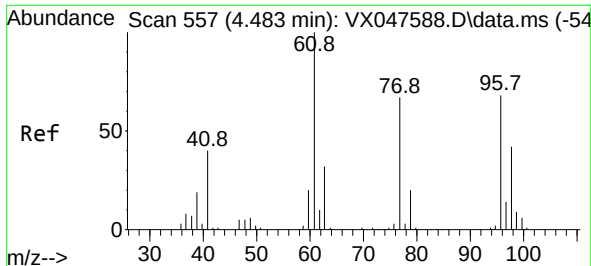
Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
58 28.7 23.4 35.0



#24
1,1-Dichloroethane
Concen: 0.820 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

Tgt Ion: 63 Resp: 2656
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.3 6.9#

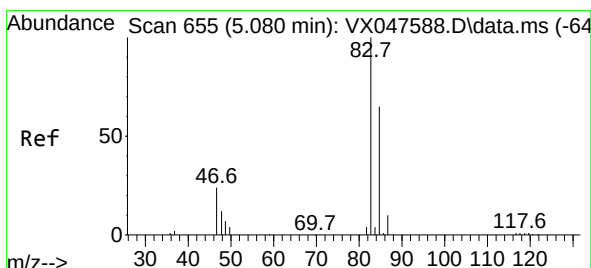
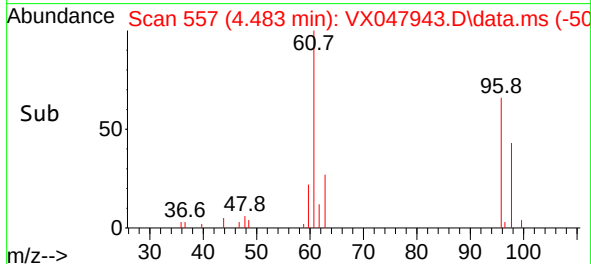
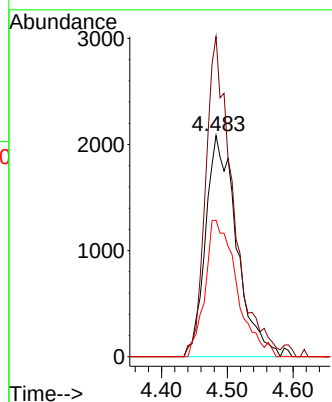
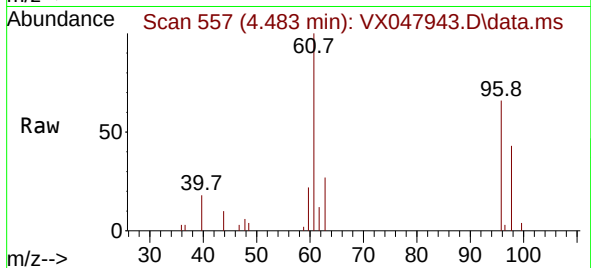




#27
cis-1,2-Dichloroethene
Concen: 3.405 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

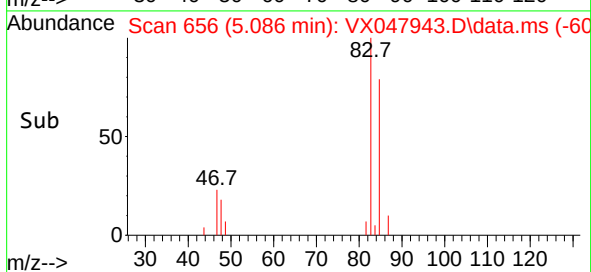
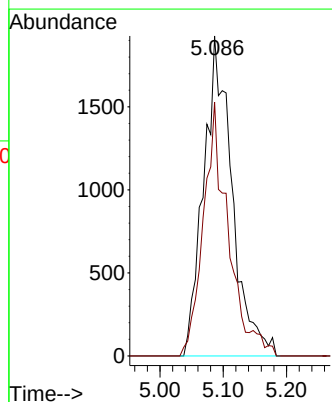
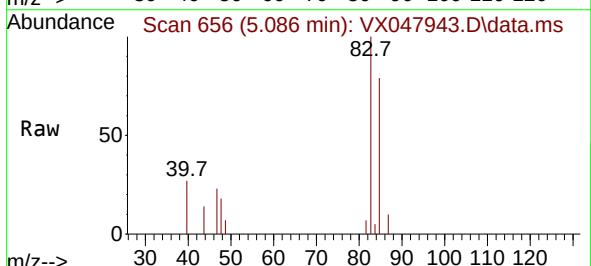
Instrument :
MSVOA_X
ClientSampleId :
TT189D1-20250922

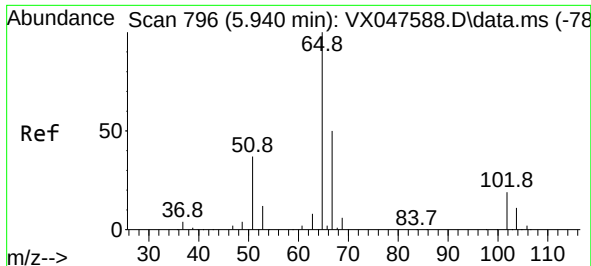
Tgt Ion: 96 Resp: 6844
Ion Ratio Lower Upper
96 100
61 126.8 0.0 303.2
98 62.8 0.0 127.8



#30
Chloroform
Concen: 1.836 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

Tgt Ion: 83 Resp: 6011
Ion Ratio Lower Upper
83 100
85 79.3 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 55.096 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047943.D

Acq: 01 Oct 2025 16:11

Instrument :

MSVOA_X

ClientSampleId :

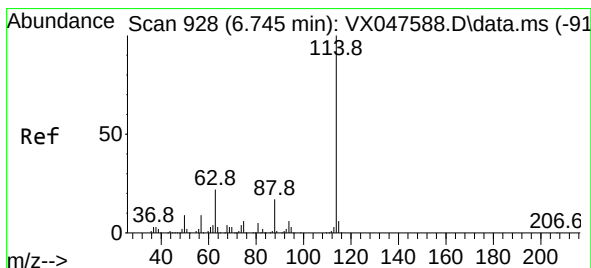
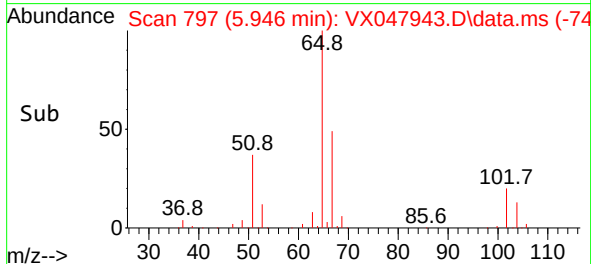
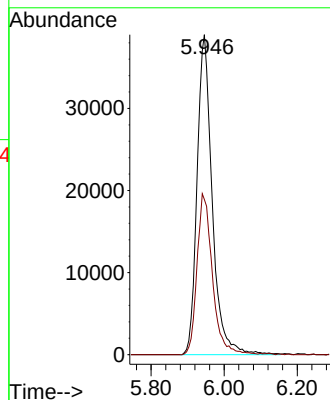
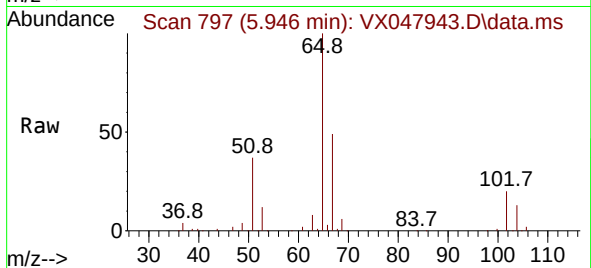
TT189D1-20250922

Tgt Ion: 65 Resp: 112531

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047943.D

Acq: 01 Oct 2025 16:11

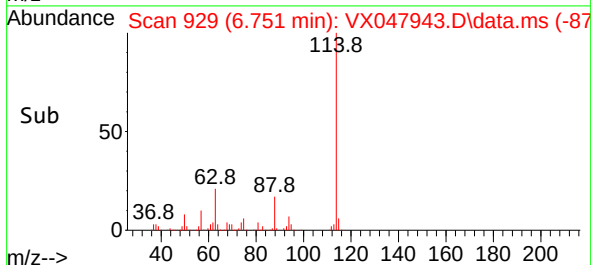
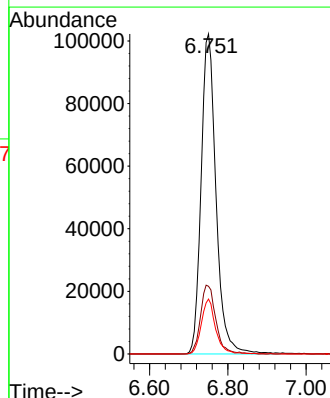
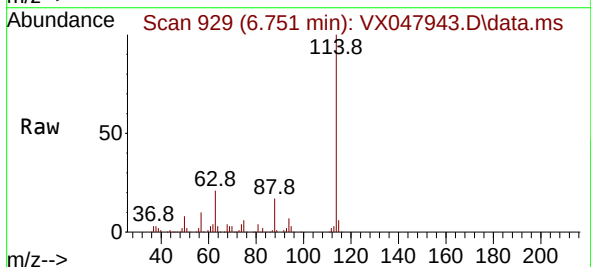
Tgt Ion: 114 Resp: 270415

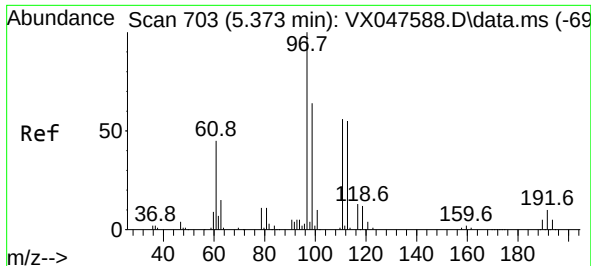
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 17.2 0.0 34.2

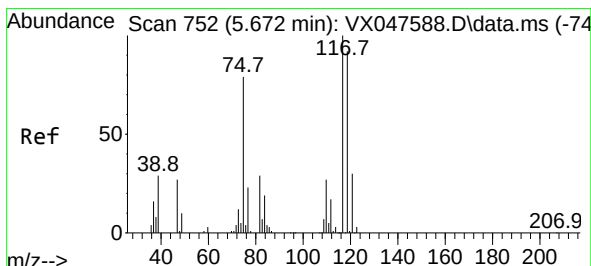
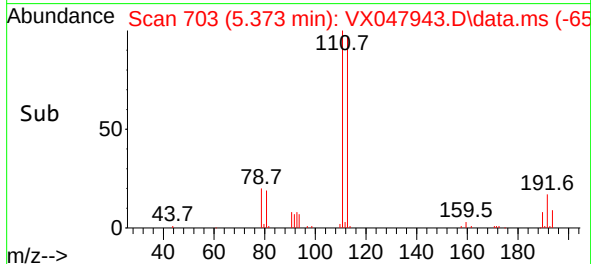
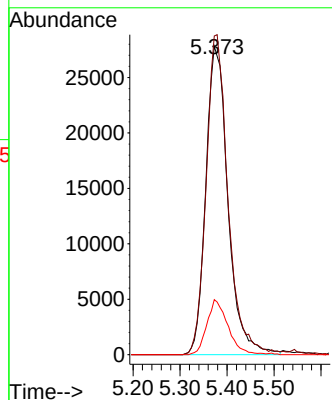
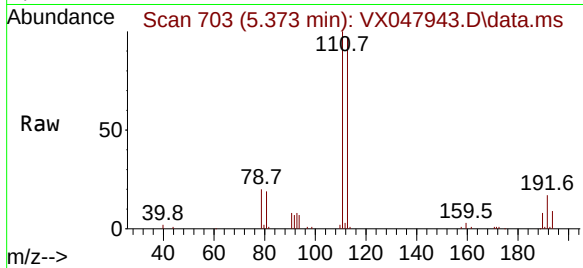




#35
Dibromofluoromethane
Concen: 50.270 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

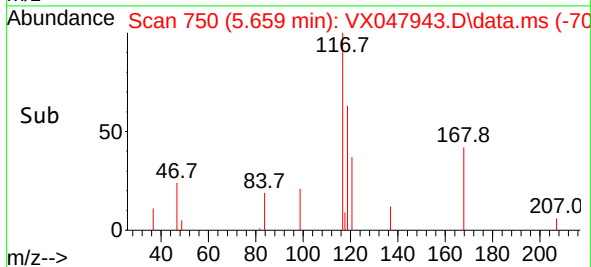
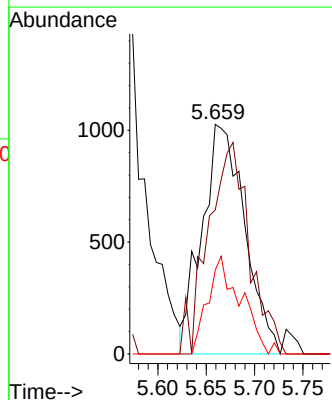
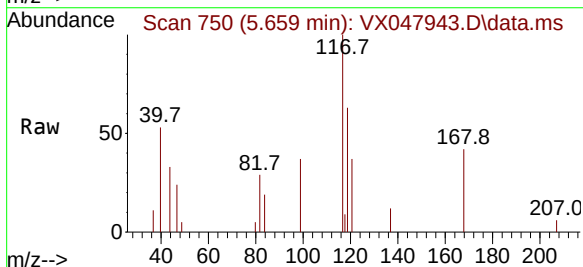
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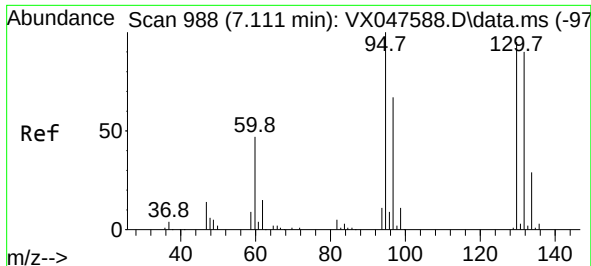
Tgt Ion:113 Resp: 91167
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 17.0 14.2 21.4



#38
Carbon Tetrachloride
Concen: 1.094 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

Tgt Ion:117 Resp: 3151
Ion Ratio Lower Upper
117 100
119 62.7 73.4 110.2#
121 36.5 23.8 35.6#

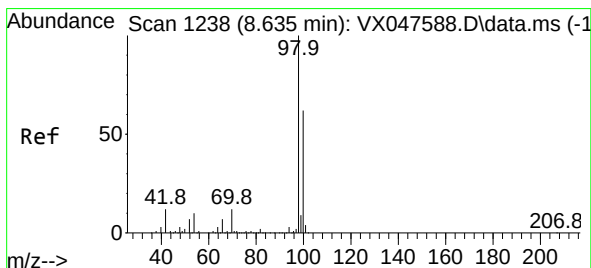
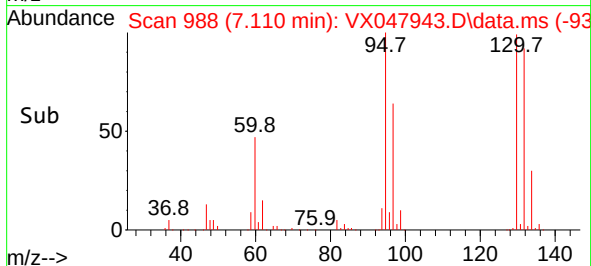
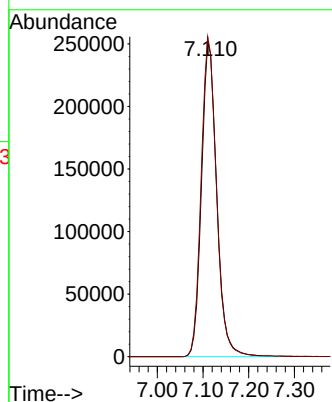
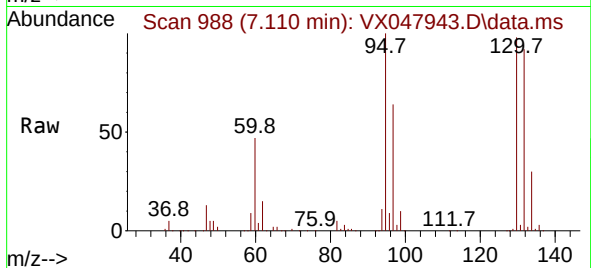




#44
Trichloroethene
Concen: 299.597 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

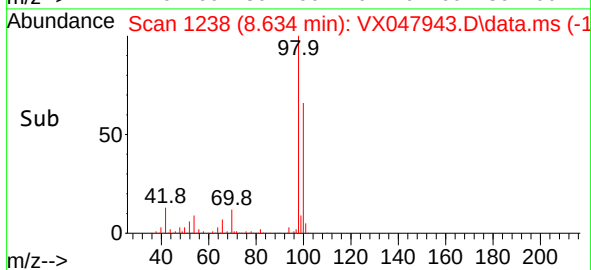
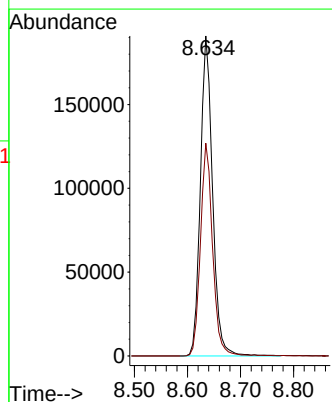
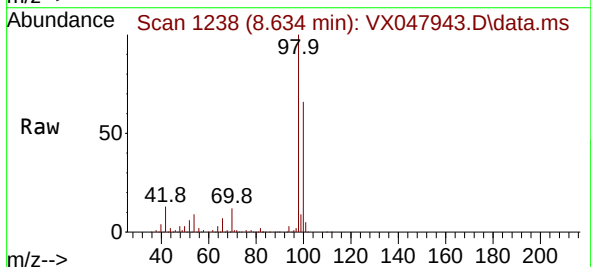
Instrument :
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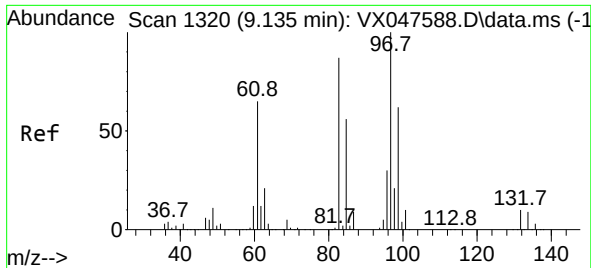
Tgt Ion:130 Resp: 582988
Ion Ratio Lower Upper
130 100
95 101.5 0.0 210.8



#50
Toluene-d8
Concen: 48.626 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

Tgt Ion: 98 Resp: 305138
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

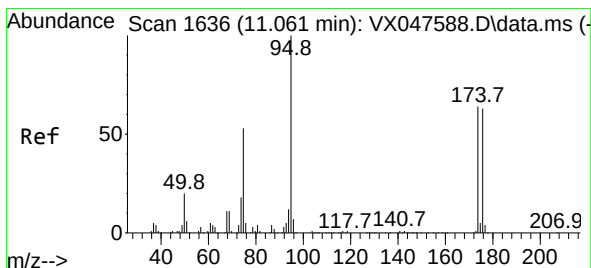
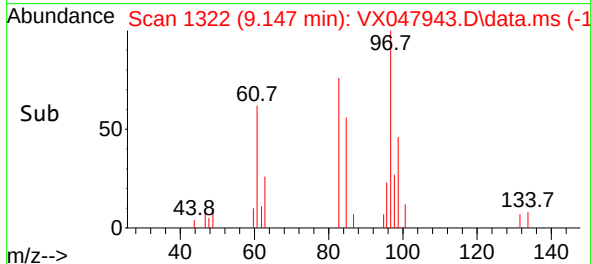
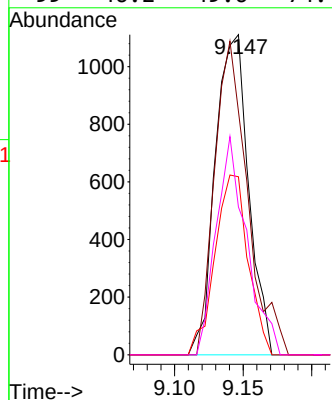
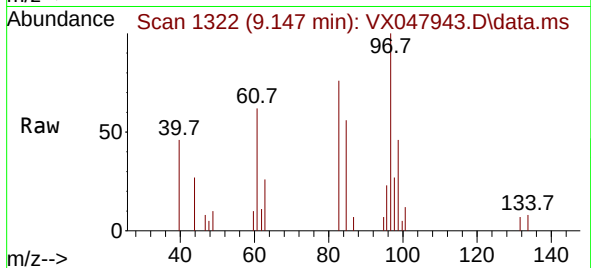




#55
1,1,2-Trichloroethane
Concen: 0.979 ug/l
RT: 9.147 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

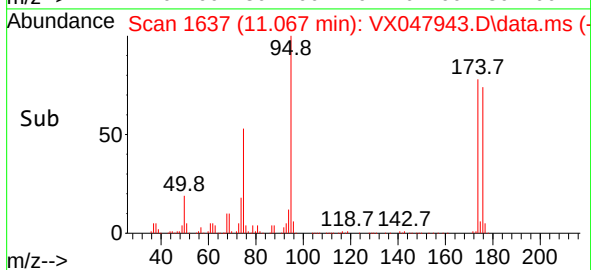
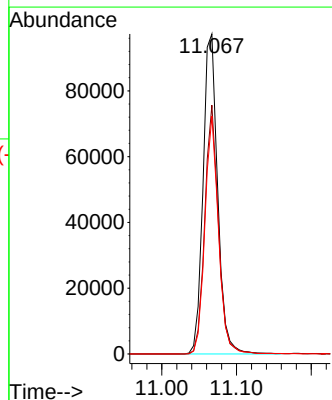
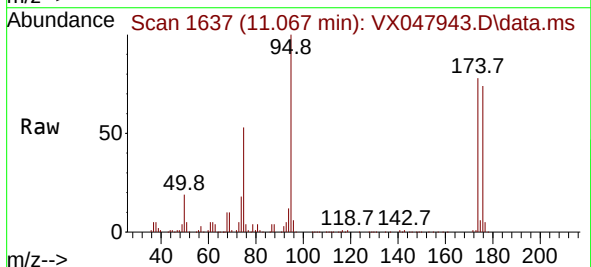
Instrument :
MSVOA_X
ClientSampleId :
TT189D1-20250922

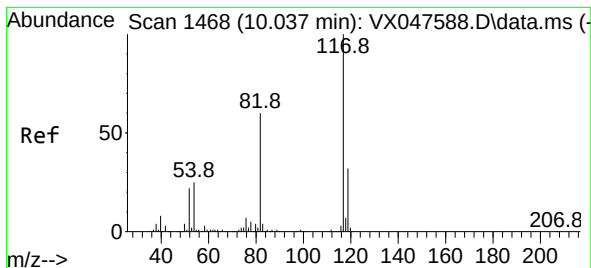
Tgt Ion: 97	Resp: 1872
Ion Ratio	Lower Upper
97 100	
83 76.1	69.6 104.4
85 55.6	45.0 67.6
99 46.2	49.6 74.4#



#62
4-Bromofluorobenzene
Concen: 55.476 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047943.D
Acq: 01 Oct 2025 16:11

Tgt Ion: 95	Resp: 132121
Ion Ratio	Lower Upper
95 100	
174 73.1	0.0 141.6
176 69.4	0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047943.D

Acq: 01 Oct 2025 16:11

Instrument :

MSVOA_X

ClientSampleId :

TT189D1-20250922

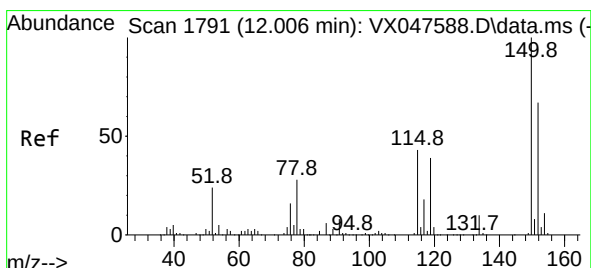
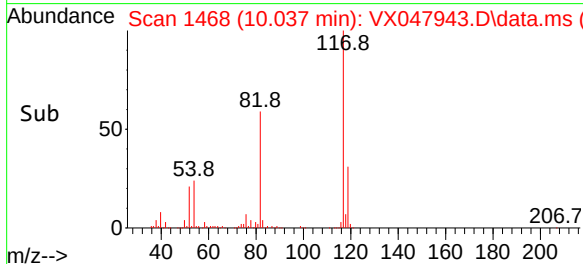
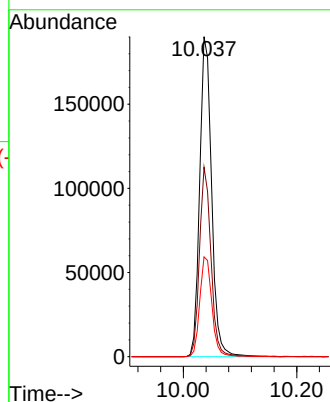
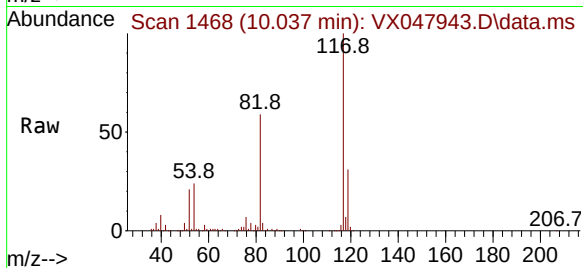
Tgt Ion:117 Resp: 276943

Ion Ratio Lower Upper

117 100

82 59.2 47.8 71.6

119 31.2 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047943.D

Acq: 01 Oct 2025 16:11

Tgt Ion:152 Resp: 139689

Ion Ratio Lower Upper

152 100

115 62.9 44.9 134.5

150 158.6 0.0 352.0

