

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045233.D
 Acq On : 11 Mar 2025 18:39
 Operator : JC/MD
 Sample : Q1531-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20250306

Quant Time: Mar 12 01:54:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

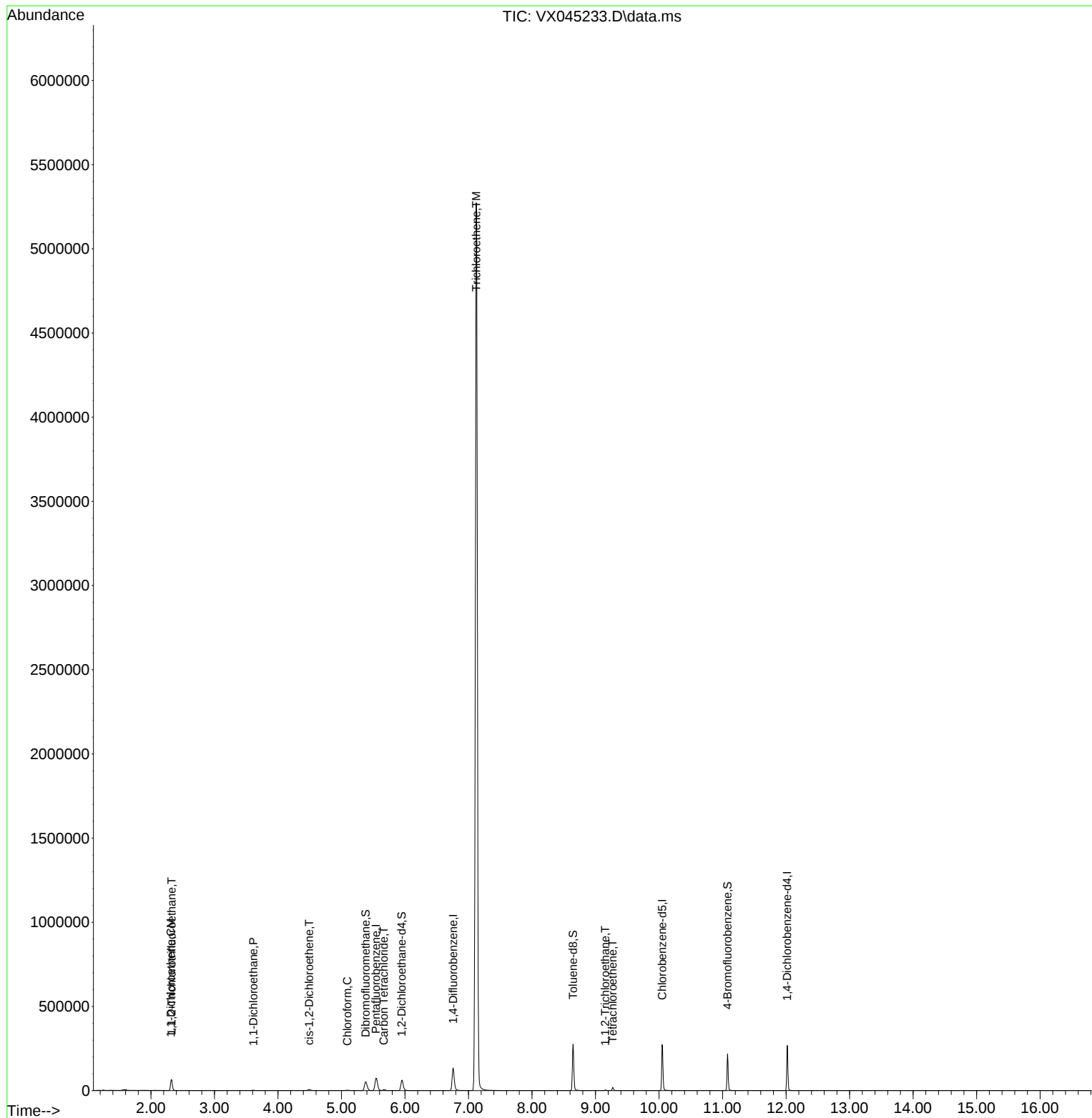
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	66669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	57334	54.065	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.120%	
35) Dibromofluoromethane	5.379	113	45774	51.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	8.647	98	158419	48.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	11.079	95	55862	52.011	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.020%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	21251	27.426	ug/l	98
12) 1,1-Dichloroethene	2.312	96	6277	7.662	ug/l	98
24) 1,1-Dichloroethane	3.611	63	2709	1.630	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	4237	4.241	ug/l	92
30) Chloroform	5.092	83	3198	1.936	ug/l	93
38) Carbon Tetrachloride	5.665	117	4234	3.401	ug/l	99
44) Trichloroethene	7.122	130	1912249	2103.423	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	1135	1.214	ug/l #	83
64) Tetrachloroethene	9.268	164	3328	4.370	ug/l	93

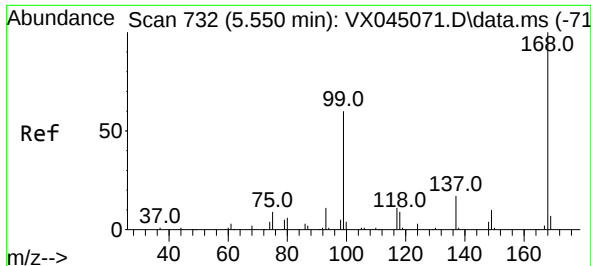
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045233.D
Acq On : 11 Mar 2025 18:39
Operator : JC/MD
Sample : Q1531-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20250306

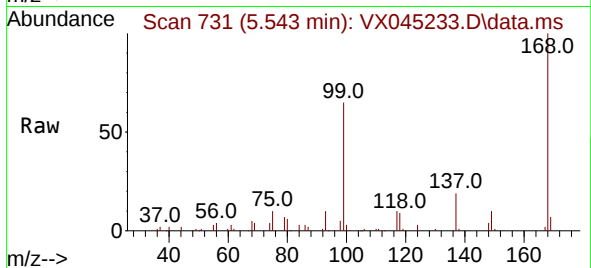
Quant Time: Mar 12 01:54:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



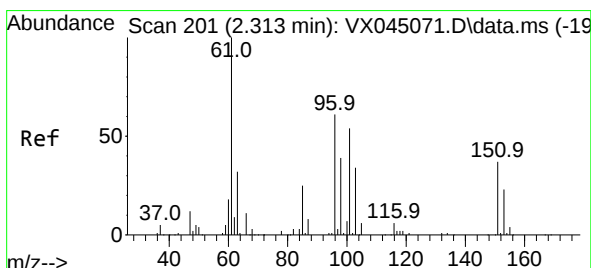
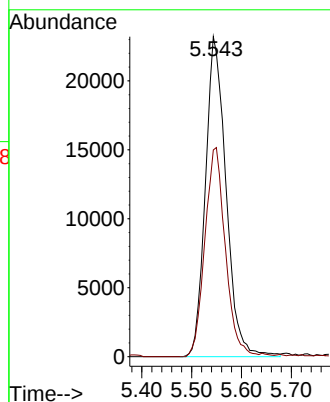
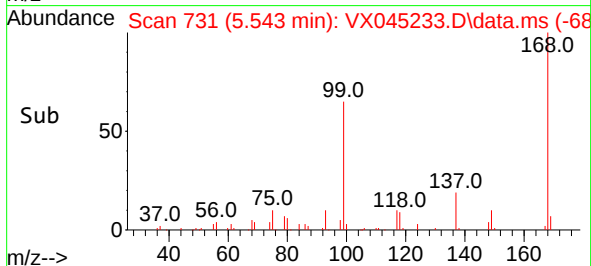


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045233.D
Acq: 11 Mar 2025 18:39

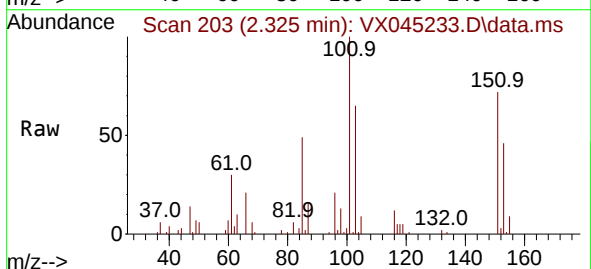
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20250306



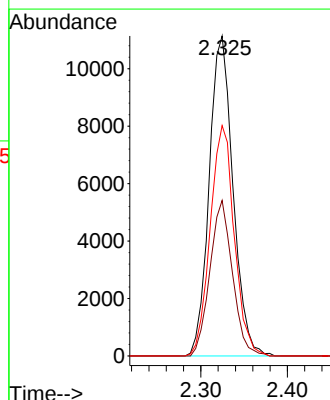
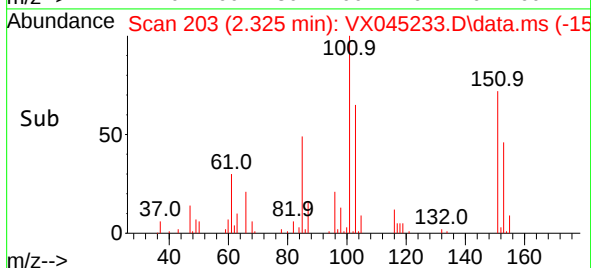
Tgt Ion:168 Resp: 66669
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4

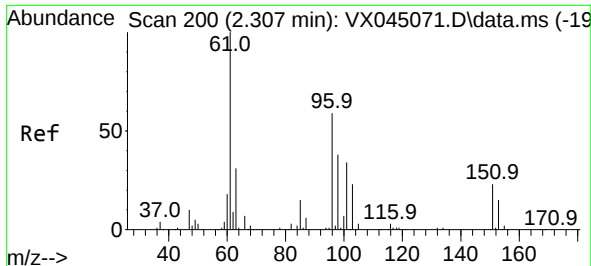


#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.426 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045233.D
Acq: 11 Mar 2025 18:39



Tgt Ion:101 Resp: 21251
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 72.8 56.4 84.6





#12

1,1-Dichloroethene

Concen: 7.662 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX045233.D

Acq: 11 Mar 2025 18:39

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20250306

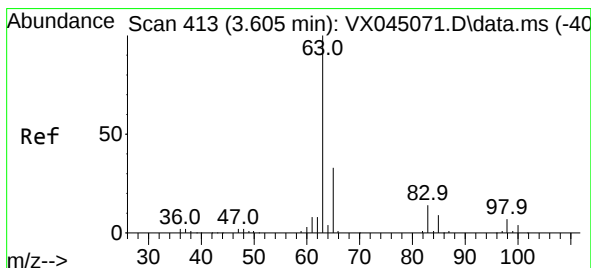
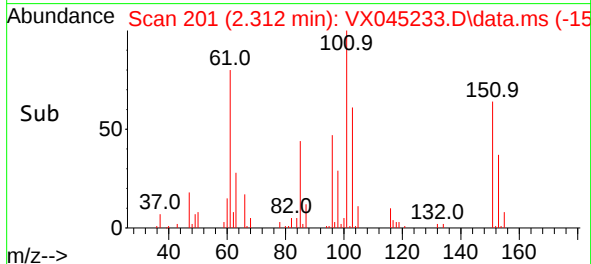
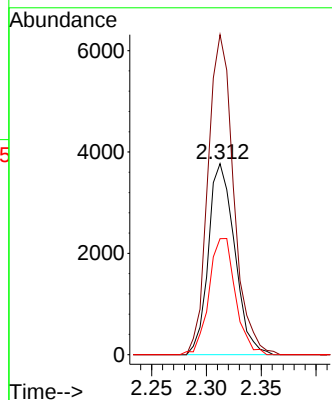
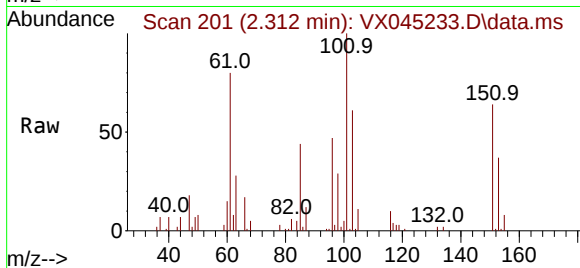
Tgt Ion: 96 Resp: 6277

Ion Ratio Lower Upper

96 100

61 167.5 134.6 202.0

98 60.7 51.0 76.6



#24

1,1-Dichloroethane

Concen: 1.630 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX045233.D

Acq: 11 Mar 2025 18:39

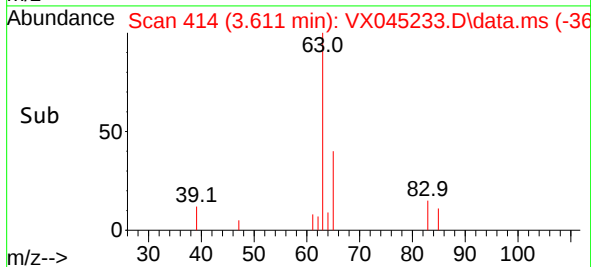
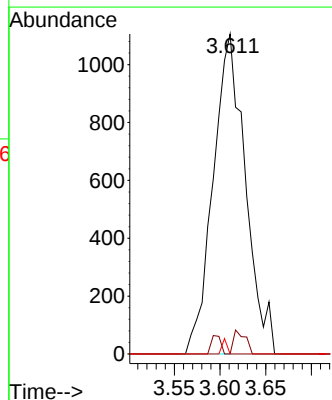
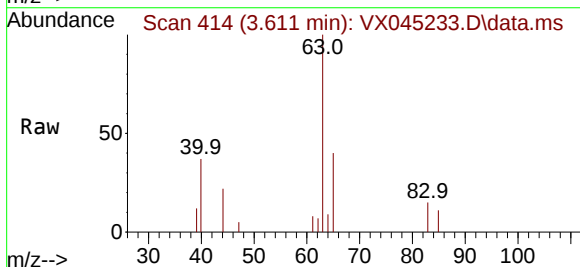
Tgt Ion: 63 Resp: 2709

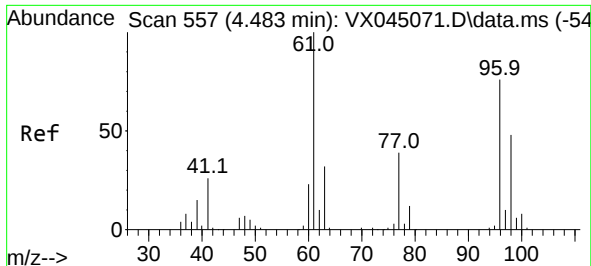
Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.2#

100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 4.241 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045233.D

Acq: 11 Mar 2025 18:39

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20250306

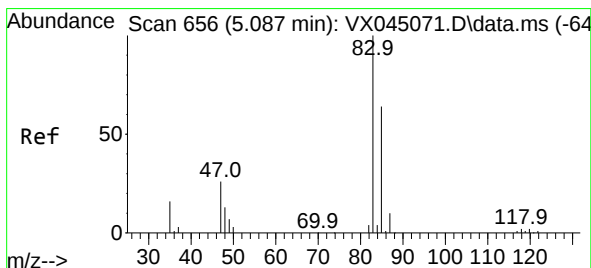
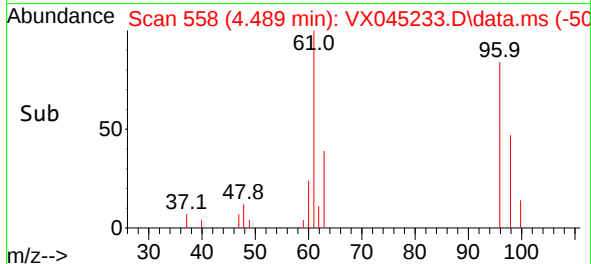
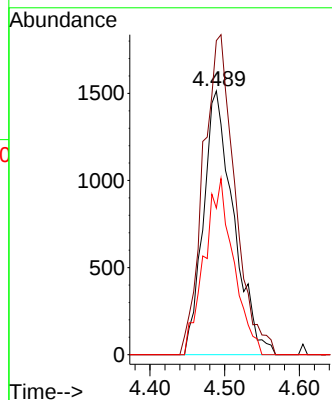
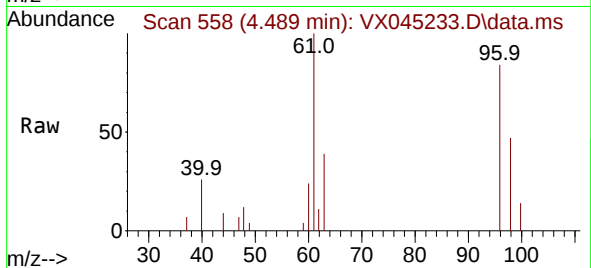
Tgt Ion: 96 Resp: 4237

Ion Ratio Lower Upper

96 100

61 127.5 0.0 283.2

98 64.7 0.0 128.0



#30

Chloroform

Concen: 1.936 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX045233.D

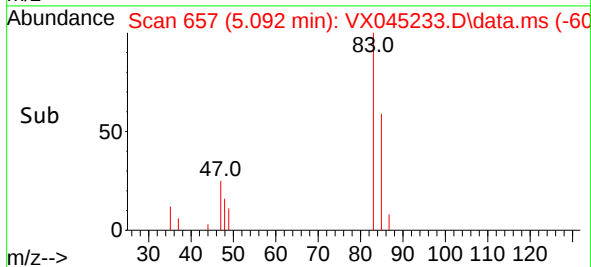
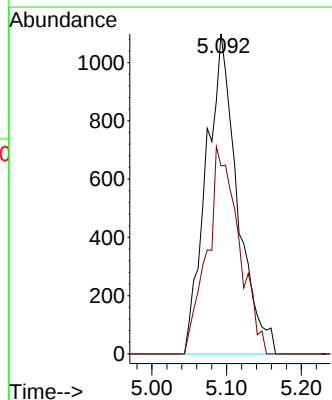
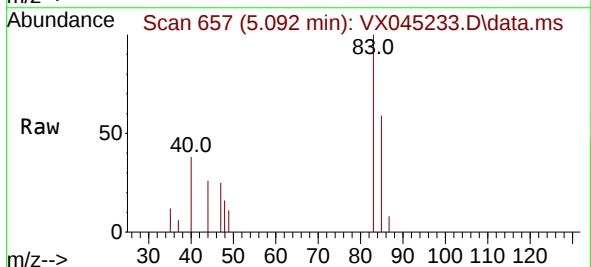
Acq: 11 Mar 2025 18:39

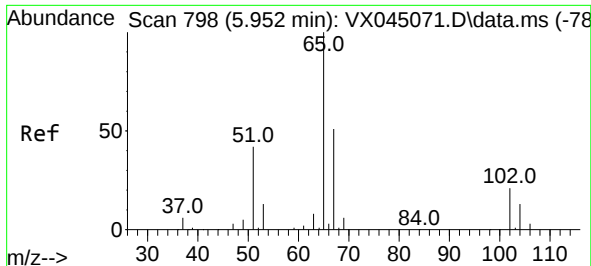
Tgt Ion: 83 Resp: 3198

Ion Ratio Lower Upper

83 100

85 58.7 51.4 77.2

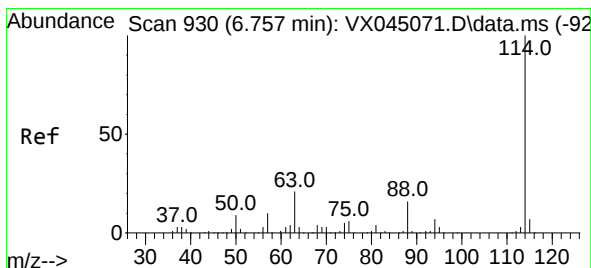
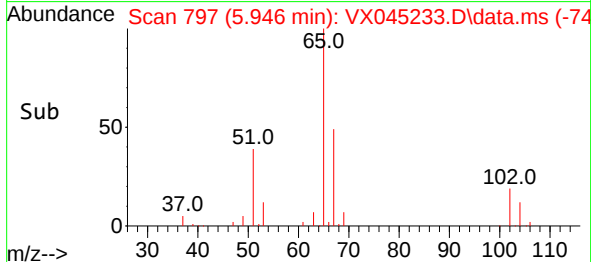
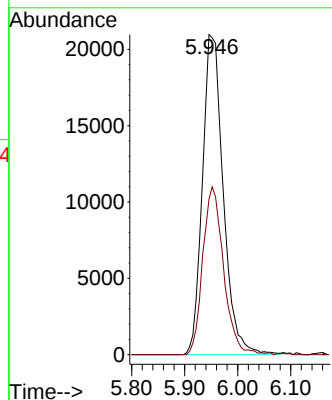
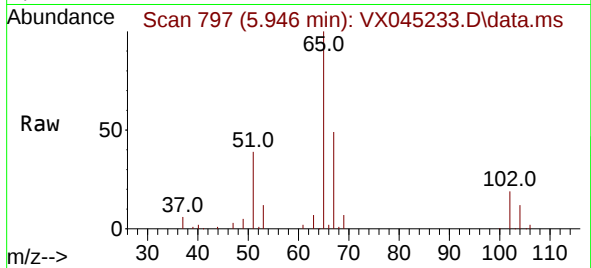




#33
 1,2-Dichloroethane-d4
 Concen: 54.065 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045233.D
 Acq: 11 Mar 2025 18:39

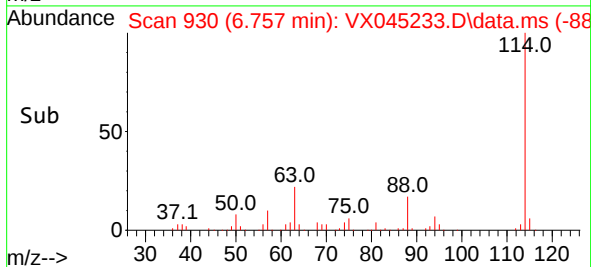
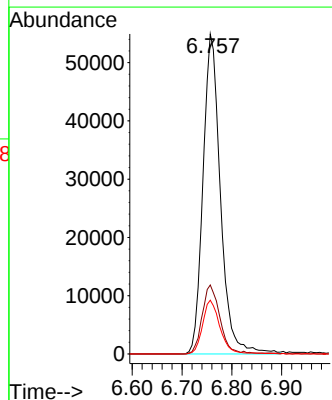
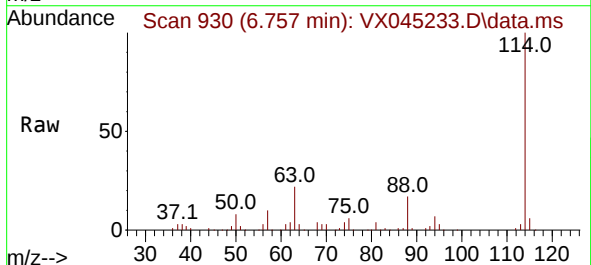
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20250306

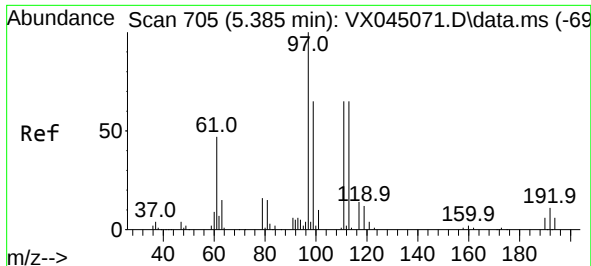
Tgt Ion: 65 Resp: 57334
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045233.D
 Acq: 11 Mar 2025 18:39

Tgt Ion: 114 Resp: 133704
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 16.8 0.0 32.8

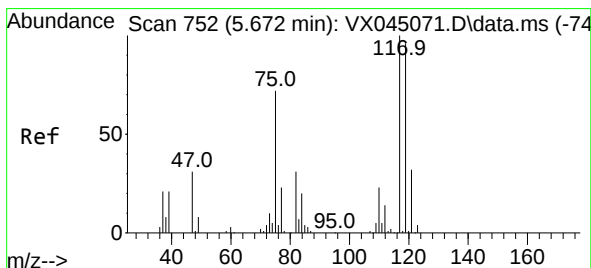
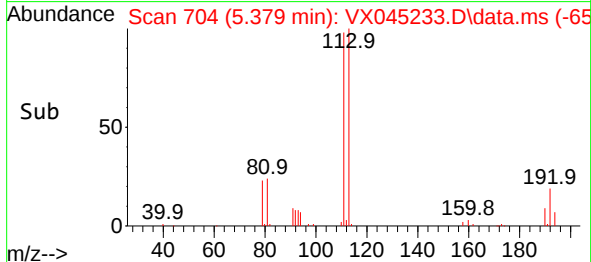
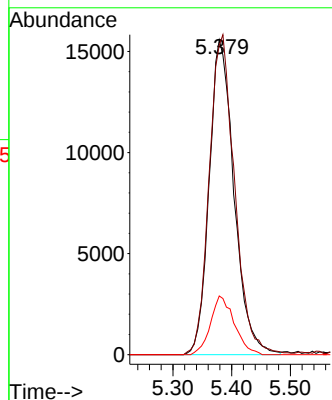
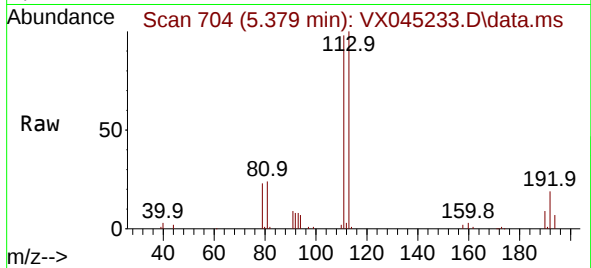




#35
Dibromofluoromethane
Concen: 51.199 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045233.D
Acq: 11 Mar 2025 18:39

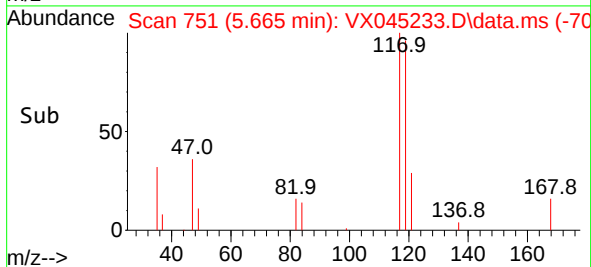
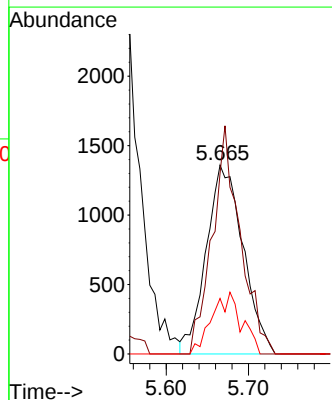
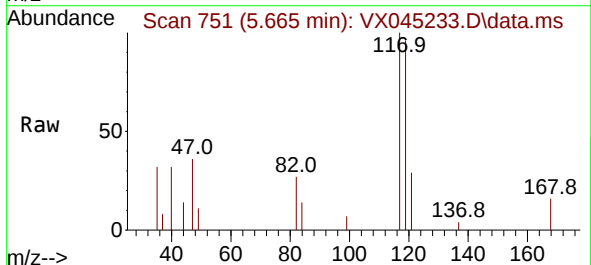
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20250306

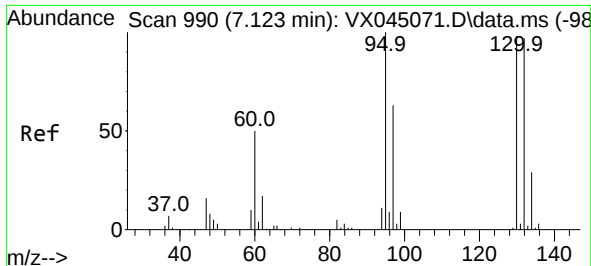
Tgt Ion:113 Resp: 45774
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.9 14.3 21.5



#38
Carbon Tetrachloride
Concen: 3.401 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045233.D
Acq: 11 Mar 2025 18:39

Tgt Ion:117 Resp: 4234
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1
121 29.4 25.5 38.3

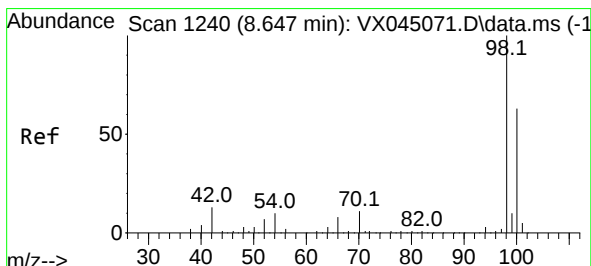
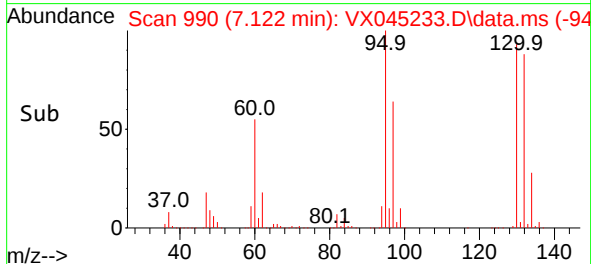
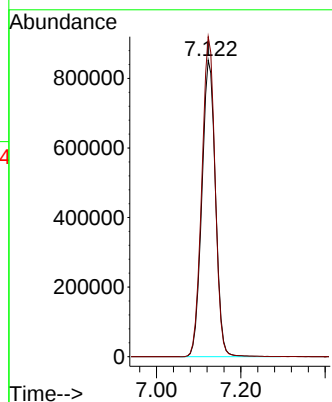
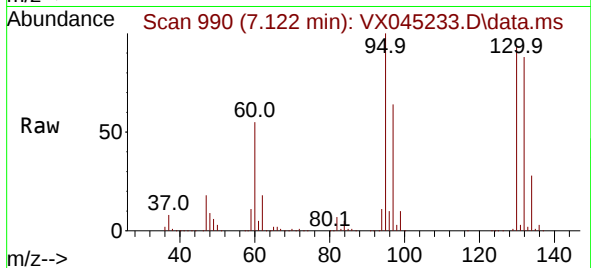




#44
Trichloroethene
Concen: 2103.423 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045233.D
Acq: 11 Mar 2025 18:39

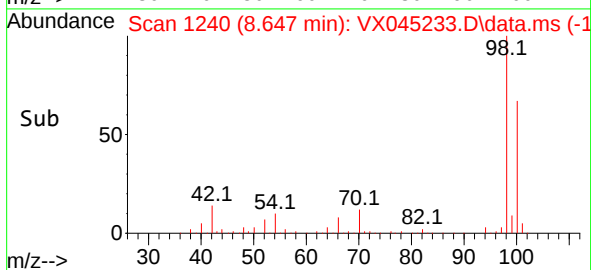
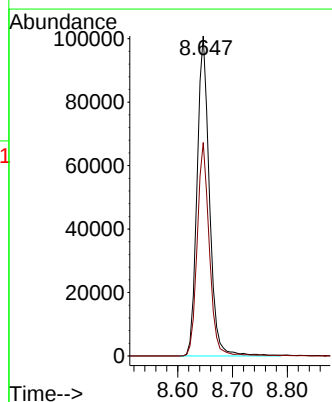
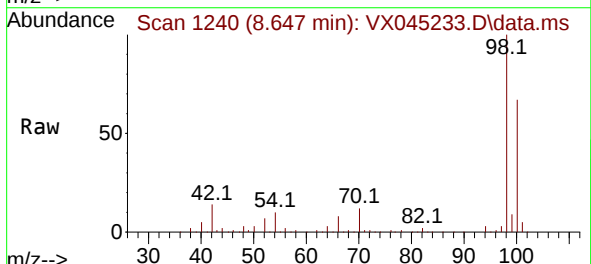
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20250306

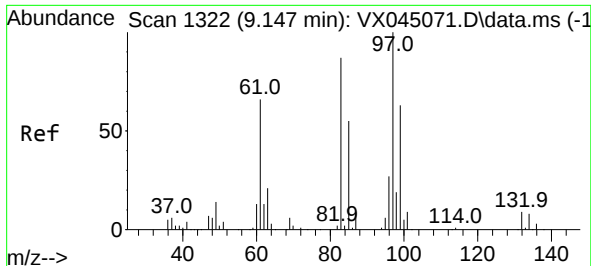
Tgt Ion:130 Resp: 1912249
Ion Ratio Lower Upper
130 100
95 107.9 0.0 205.0



#50
Toluene-d8
Concen: 48.876 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045233.D
Acq: 11 Mar 2025 18:39

Tgt Ion: 98 Resp: 158419
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

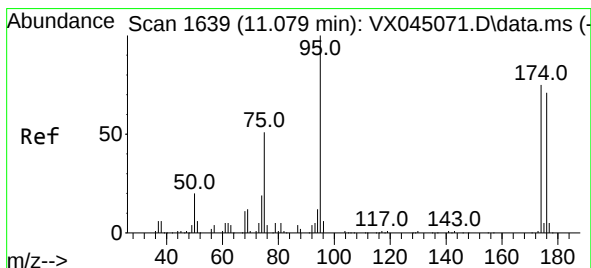
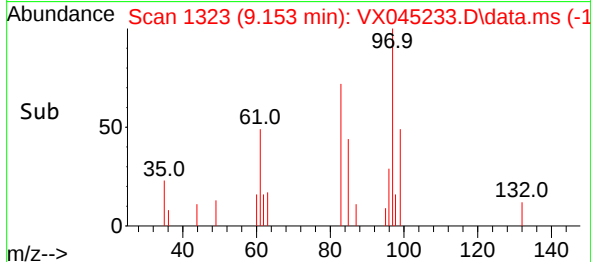
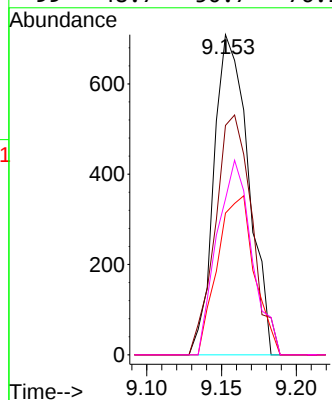
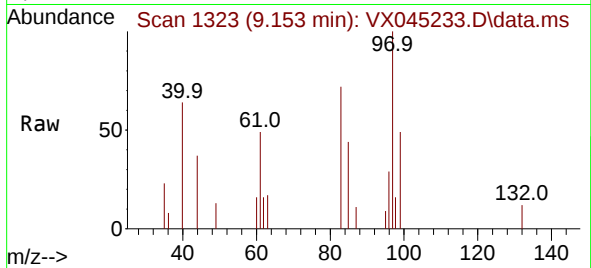




#55
 1,1,2-Trichloroethane
 Concen: 1.214 ug/l
 RT: 9.153 min Scan# 1135
 Delta R.T. 0.006 min
 Lab File: VX045233.D
 Acq: 11 Mar 2025 18:39

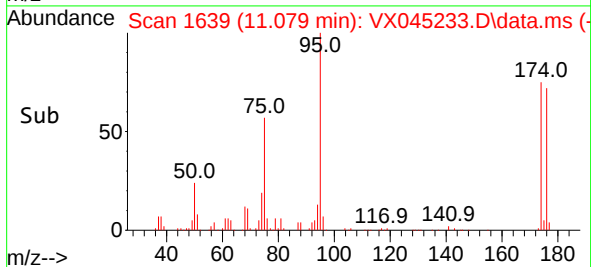
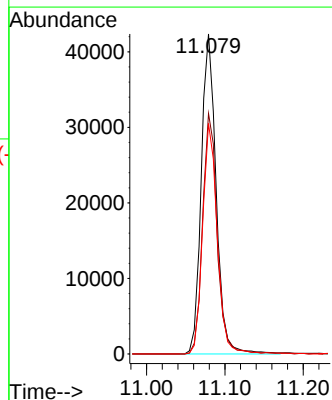
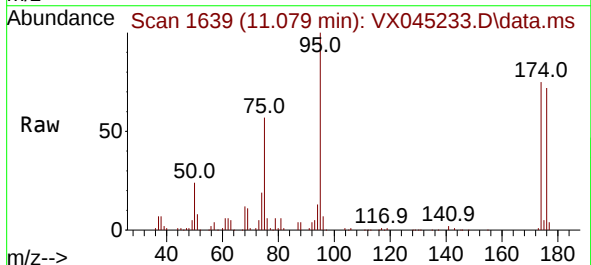
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20250306

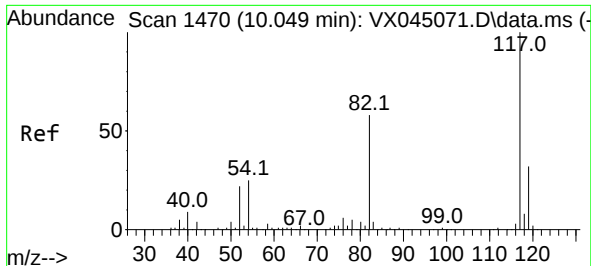
Tgt Ion:	97	Resp:	1135
Ion	Ratio	Lower	Upper
97	100		
83	71.7	69.4	104.2
85	44.3	44.1	66.1
99	48.7	50.7	76.1



#62
 4-Bromofluorobenzene
 Concen: 52.011 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX045233.D
 Acq: 11 Mar 2025 18:39

Tgt Ion:	95	Resp:	55862
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	148.2
176	71.2	0.0	141.4

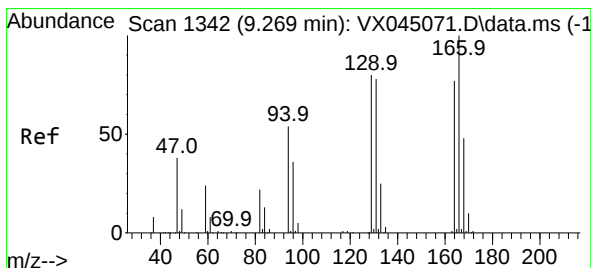
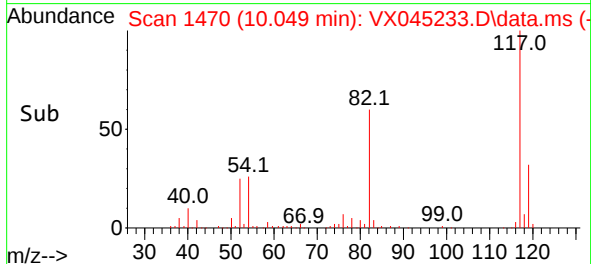
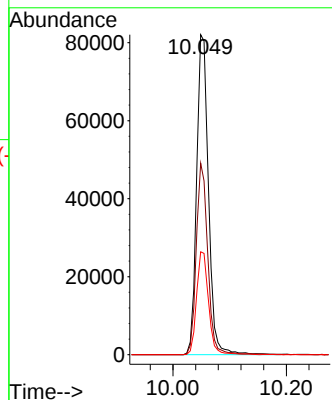
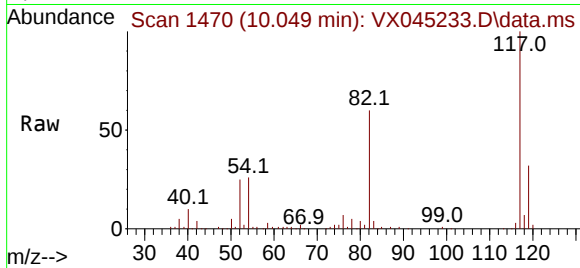




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045233.D
Acq: 11 Mar 2025 18:39

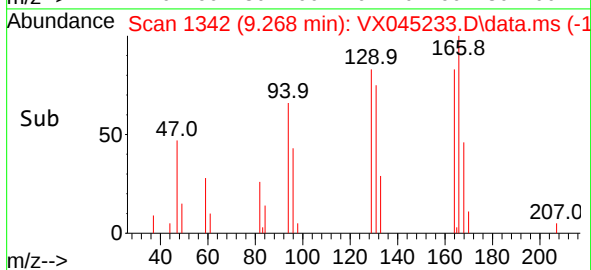
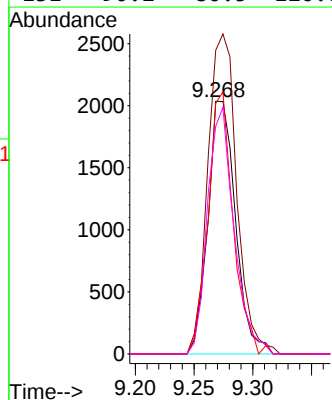
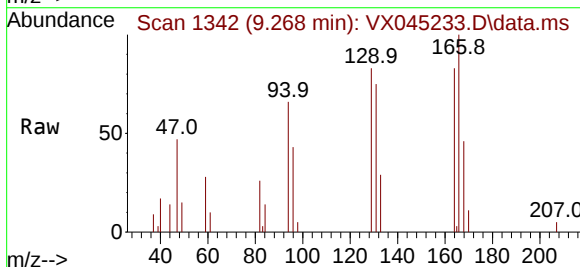
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20250306

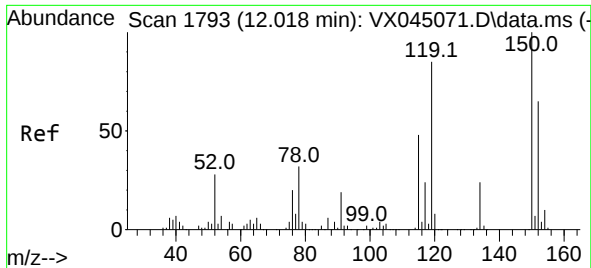
Tgt Ion:117 Resp: 118919
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 4.370 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045233.D
Acq: 11 Mar 2025 18:39

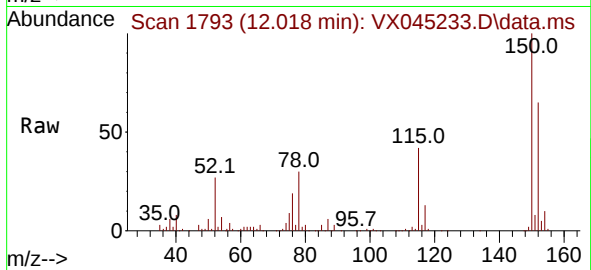
Tgt Ion:164 Resp: 3328
Ion Ratio Lower Upper
164 100
166 120.2 103.6 155.4
129 99.2 82.7 124.1
131 90.2 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045233.D
 Acq: 11 Mar 2025 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20250306



Tgt Ion:152 Resp: 51223
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.2 132.6
 150 157.4 0.0 349.0

