

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045418.D
 Acq On : 24 Mar 2025 16:27
 Operator : JC/MD
 Sample : Q1608-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20250318

Quant Time: Mar 25 01:36:39 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)

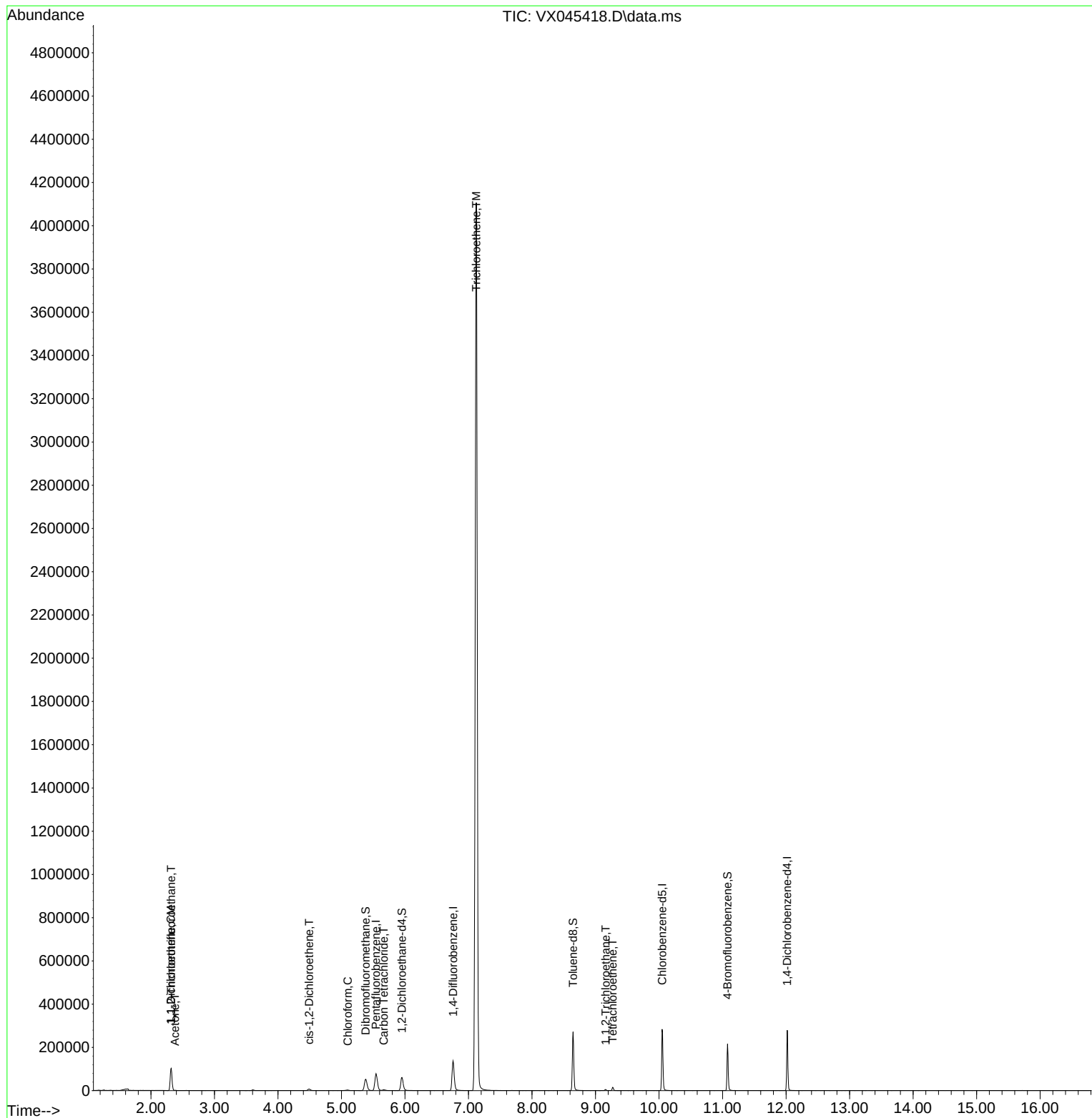
Internal Standards						
1) Pentafluorobenzene	5.544	168	67647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60377	56.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.220%	
35) Dibromofluoromethane	5.379	113	45830	51.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.647	98	154947	48.239	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.480%	
62) 4-Bromofluorobenzene	11.079	95	56705	53.275	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.560%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	32758	41.665	ug/l	97
12) 1,1-Dichloroethene	2.313	96	8981	10.804	ug/l	97
16) Acetone	2.380	43	778	1.558	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	4239	4.182	ug/l	98
30) Chloroform	5.099	83	3153	1.882	ug/l	88
38) Carbon Tetrachloride	5.666	117	2956	2.396	ug/l	94
44) Trichloroethene	7.123	130	1468868	1630.385	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	1273	1.374	ug/l #	94
64) Tetrachloroethene	9.269	164	2527	3.306	ug/l	97

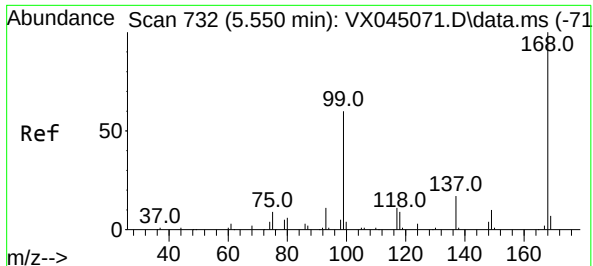
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
Data File : VX045418.D
Acq On : 24 Mar 2025 16:27
Operator : JC/MD
Sample : Q1608-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318

Quant Time: Mar 25 01:36:39 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

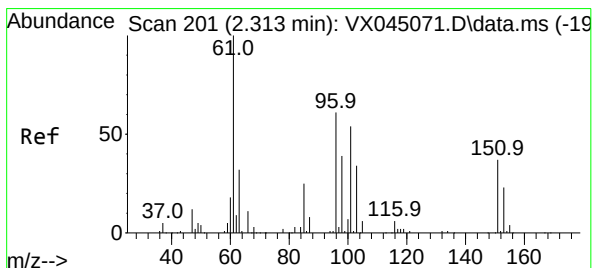
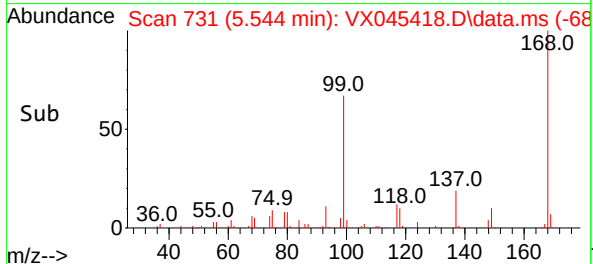
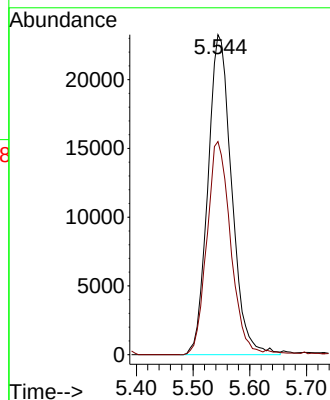
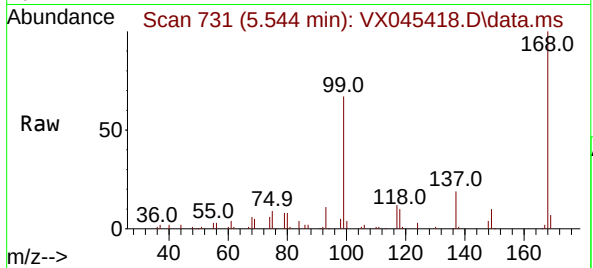




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

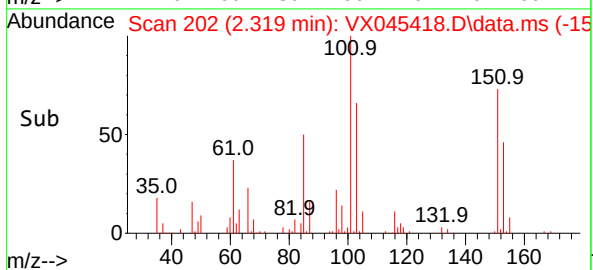
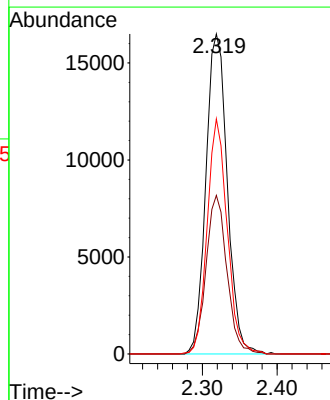
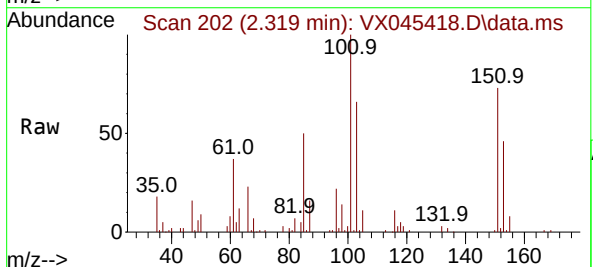
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318

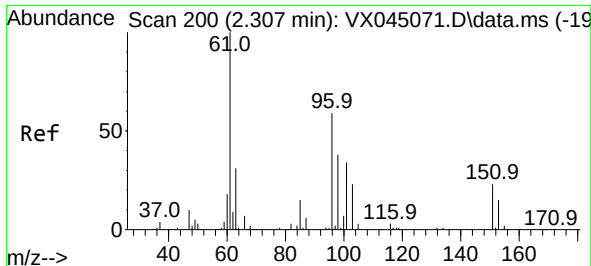
Tgt Ion:168 Resp: 67647
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.665 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

Tgt Ion:101 Resp: 32758
Ion Ratio Lower Upper
101 100
85 48.5 36.2 54.4
151 68.8 56.4 84.6





#12

1,1-Dichloroethene

Concen: 10.804 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045418.D

Acq: 24 Mar 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20250318

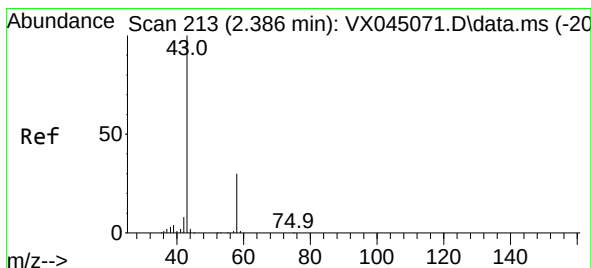
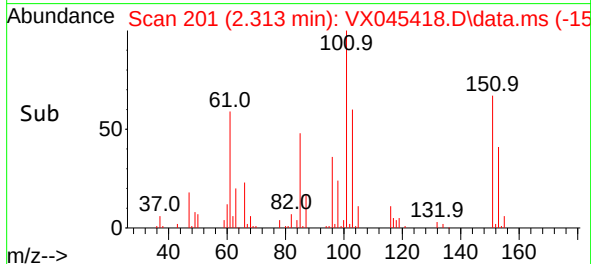
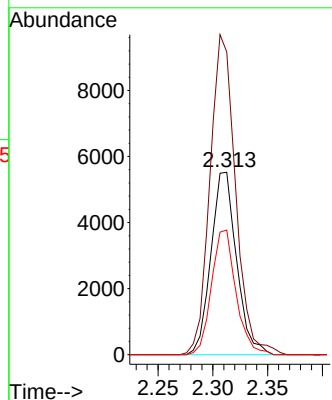
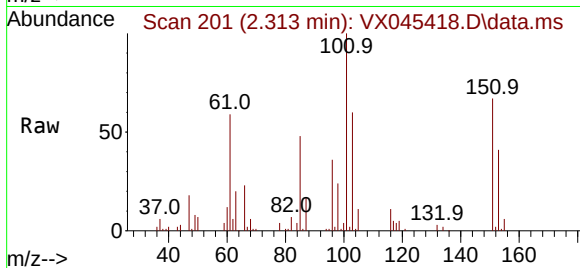
Tgt Ion: 96 Resp: 8981

Ion Ratio Lower Upper

96 100

61 166.0 134.6 202.0

98 68.3 51.0 76.6



#16

Acetone

Concen: 1.558 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045418.D

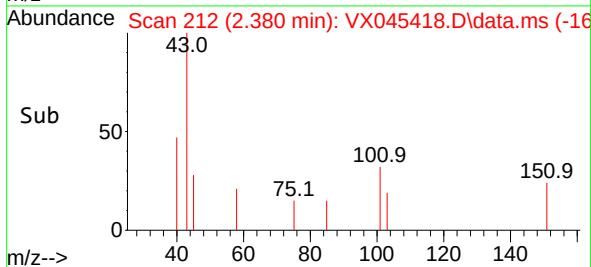
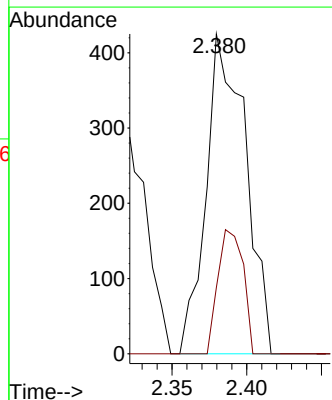
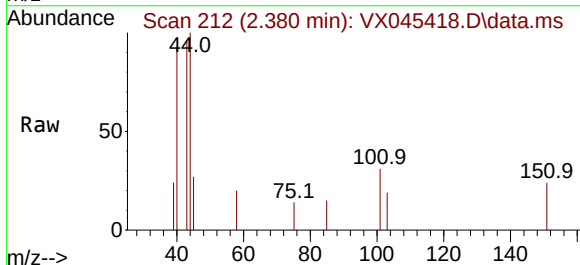
Acq: 24 Mar 2025 16:27

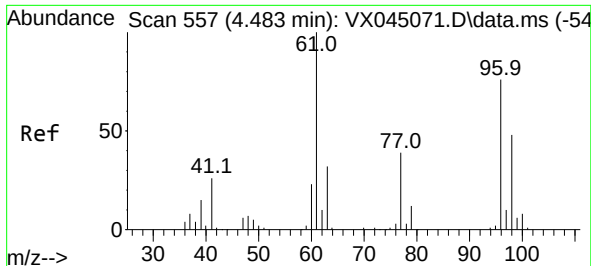
Tgt Ion: 43 Resp: 778

Ion Ratio Lower Upper

43 100

58 20.7 24.2 36.4#





#27

cis-1,2-Dichloroethene

Concen: 4.182 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045418.D

Acq: 24 Mar 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20250318

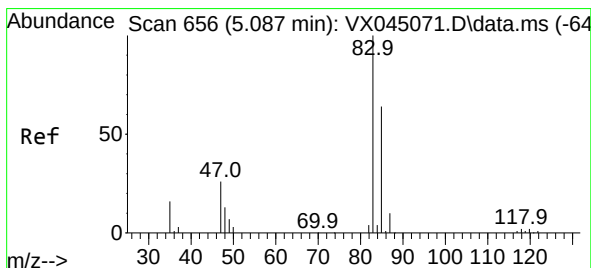
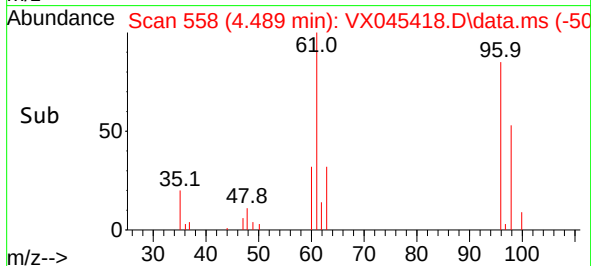
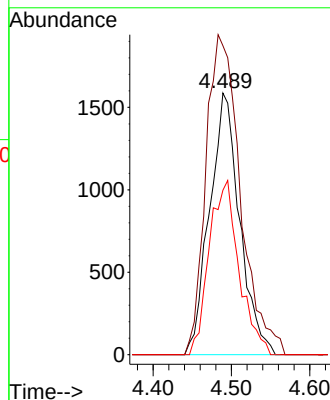
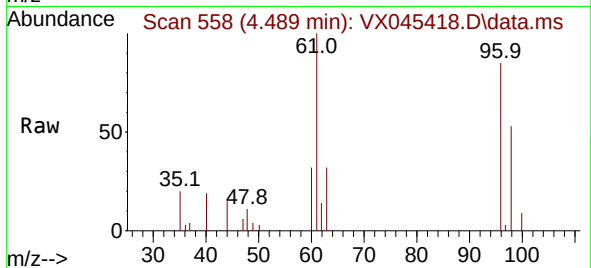
Tgt Ion: 96 Resp: 4239

Ion Ratio Lower Upper

96 100

61 140.2 0.0 283.2

98 66.1 0.0 128.0



#30

Chloroform

Concen: 1.882 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX045418.D

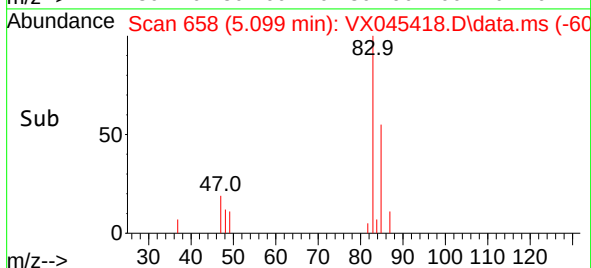
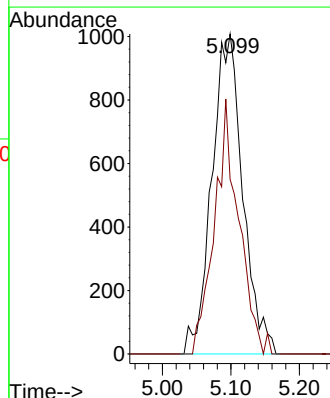
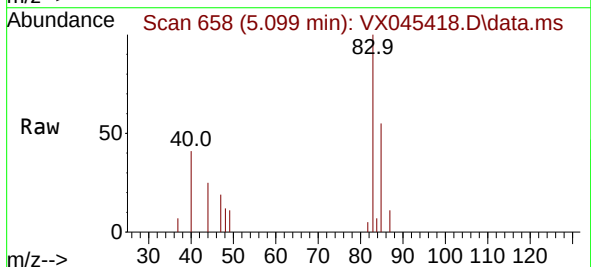
Acq: 24 Mar 2025 16:27

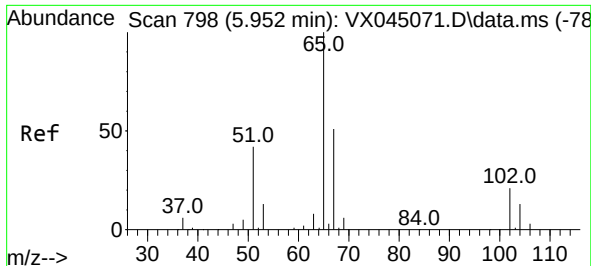
Tgt Ion: 83 Resp: 3153

Ion Ratio Lower Upper

83 100

85 54.6 51.4 77.2

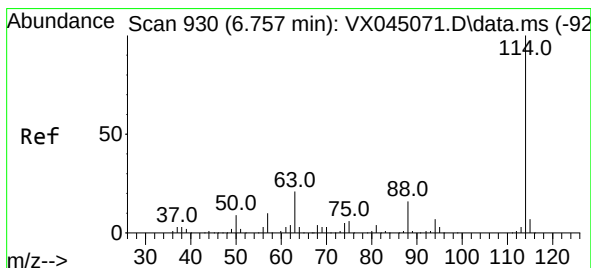
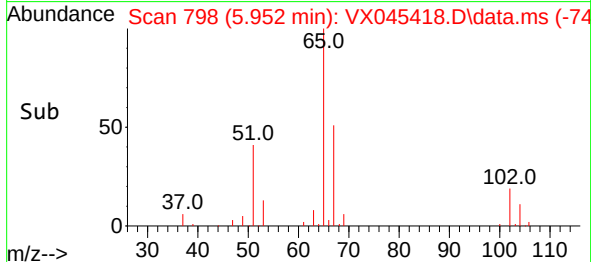
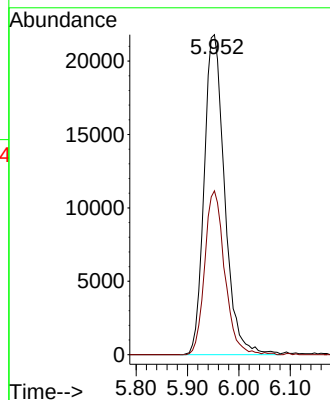
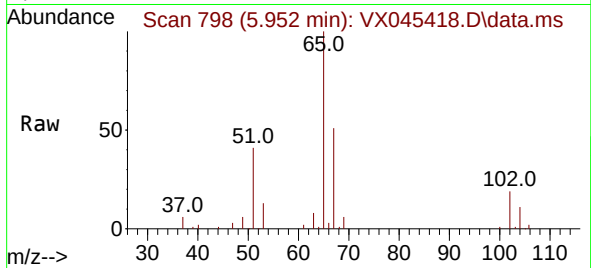




#33
 1,2-Dichloroethane-d4
 Concen: 56.111 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045418.D
 Acq: 24 Mar 2025 16:27

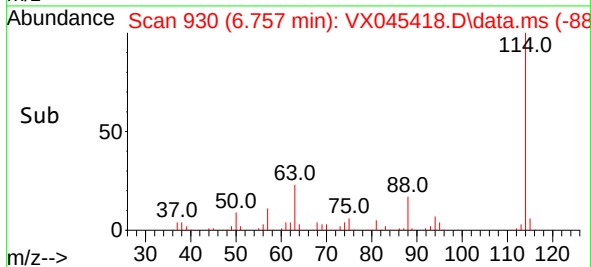
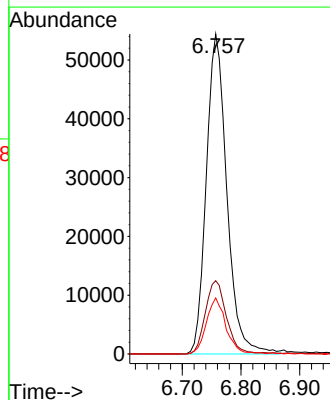
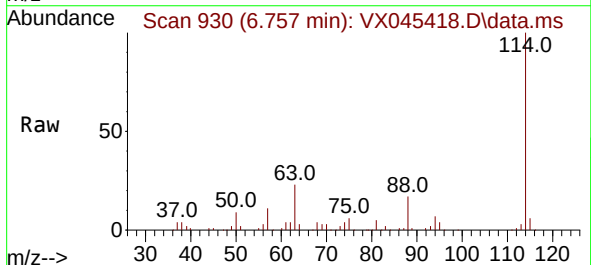
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20250318

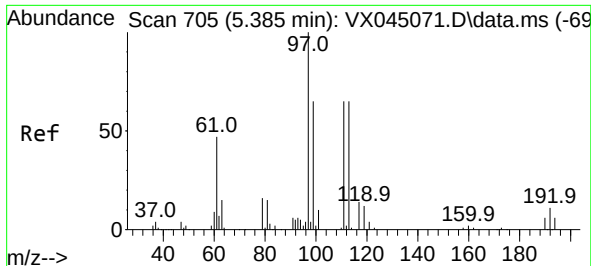
Tgt Ion: 65 Resp: 60377
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045418.D
 Acq: 24 Mar 2025 16:27

Tgt Ion: 114 Resp: 132501
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 41.8
 88 17.5 0.0 32.8

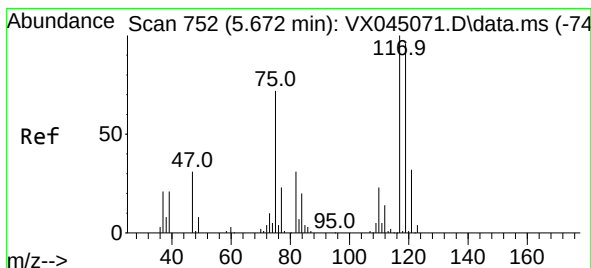
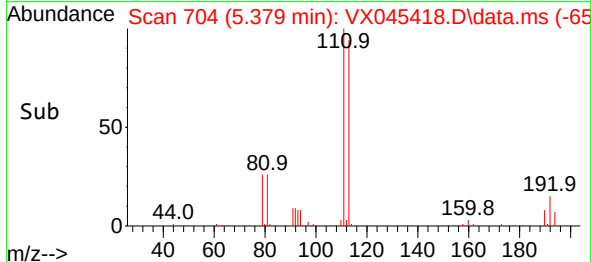
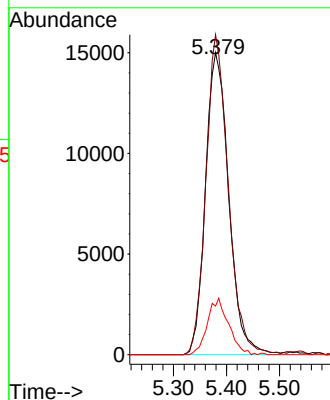
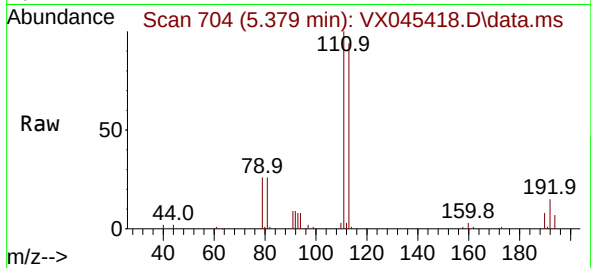




#35
Dibromofluoromethane
Concen: 51.727 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

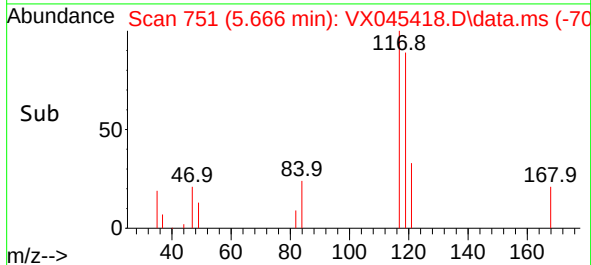
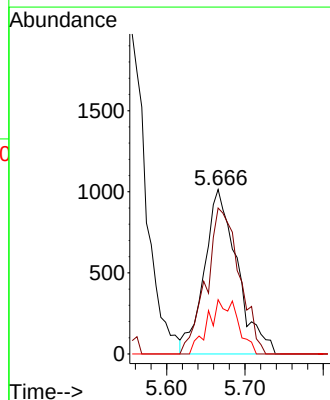
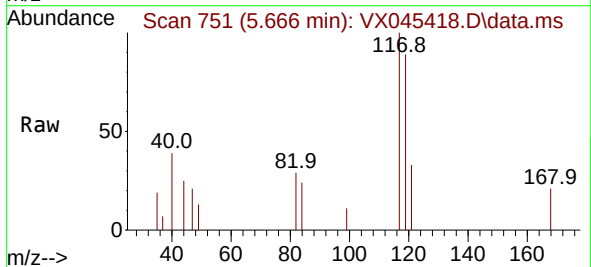
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318

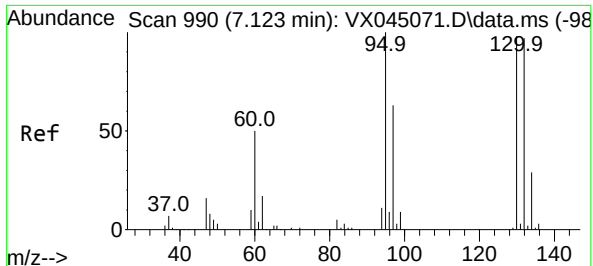
Tgt Ion:113 Resp: 45830
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 17.0 14.3 21.5



#38
Carbon Tetrachloride
Concen: 2.396 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

Tgt Ion:117 Resp: 2956
Ion Ratio Lower Upper
117 100
119 88.8 76.7 115.1
121 33.0 25.5 38.3

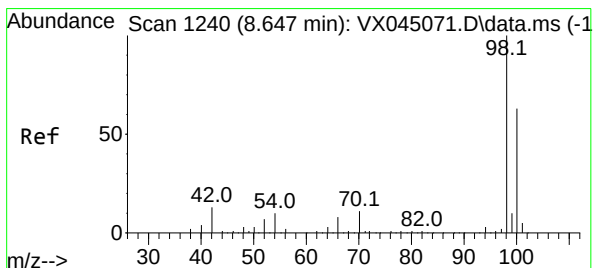
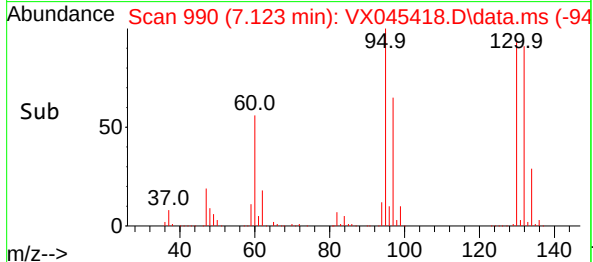
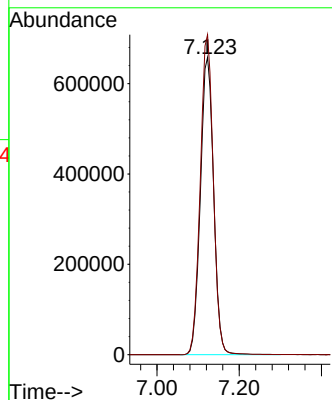
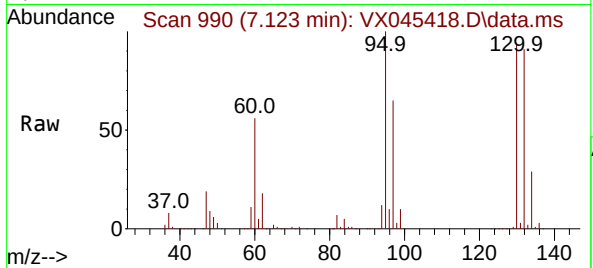




#44
Trichloroethene
Concen: 1630.385 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

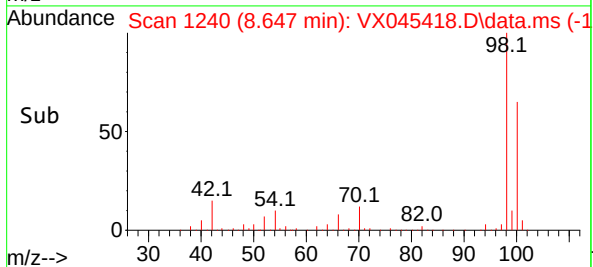
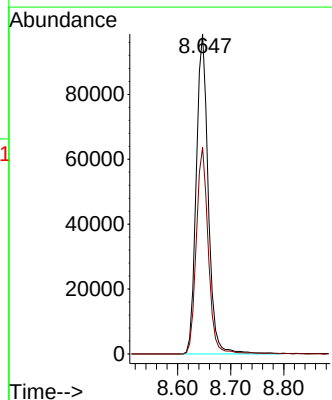
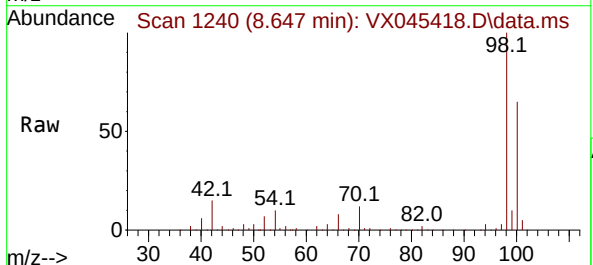
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318

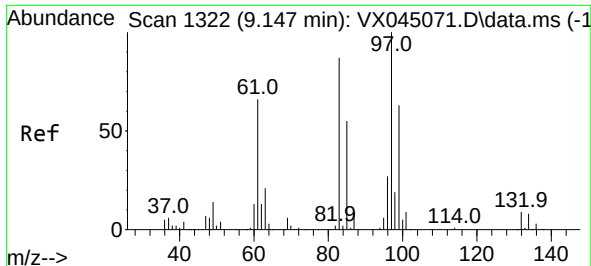
Tgt Ion:130 Resp: 1468868
Ion Ratio Lower Upper
130 100
95 107.6 0.0 205.0



#50
Toluene-d8
Concen: 48.239 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

Tgt Ion: 98 Resp: 154947
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

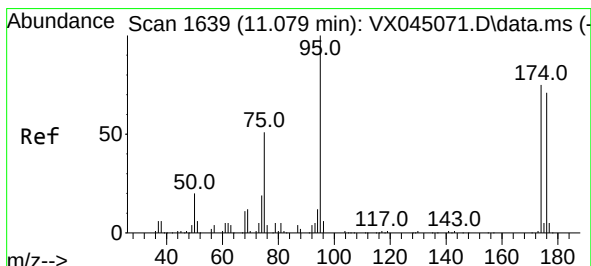
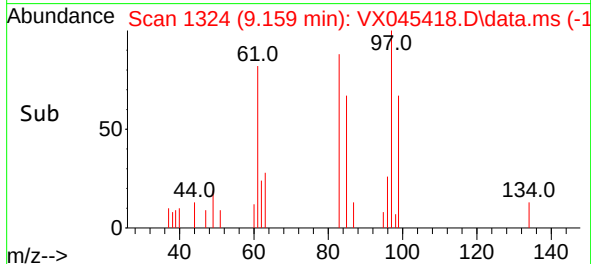
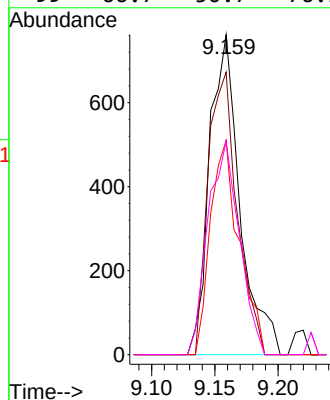
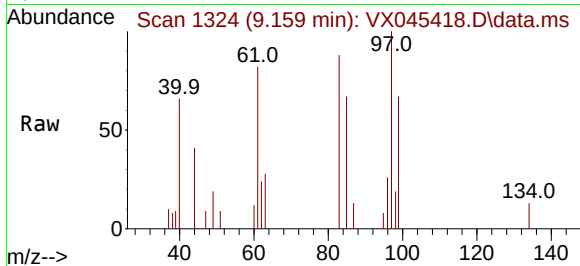




#55
1,1,2-Trichloroethane
Concen: 1.374 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

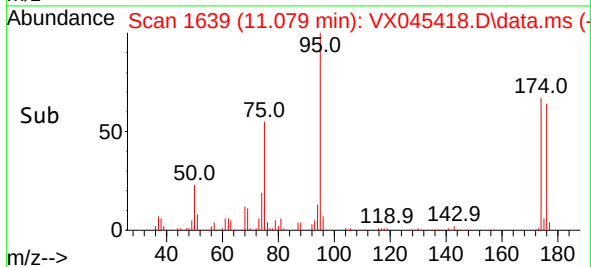
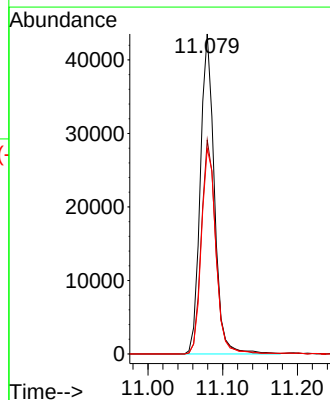
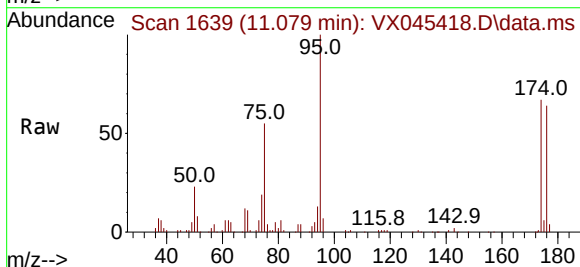
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318

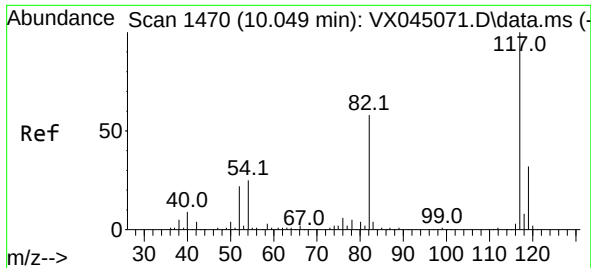
Tgt Ion:	97	Resp:	1273
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.4	104.2
85	66.9	44.1	66.1#
99	66.7	50.7	76.1



#62
4-Bromofluorobenzene
Concen: 53.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

Tgt Ion:	95	Resp:	56705
Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	148.2
176	66.7	0.0	141.4

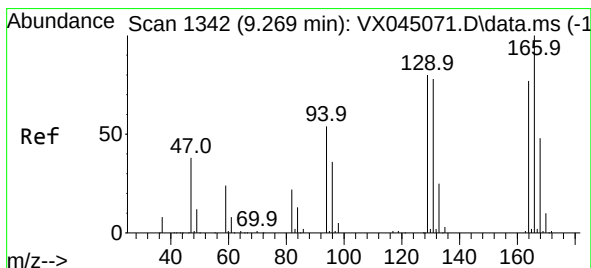
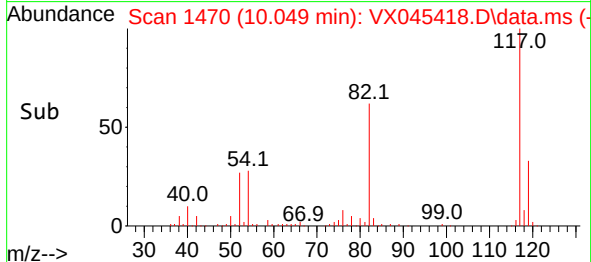
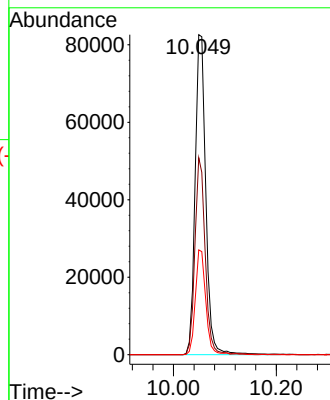
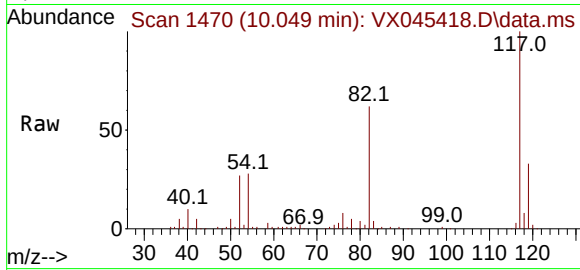




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

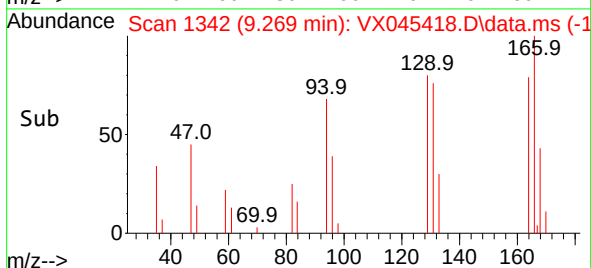
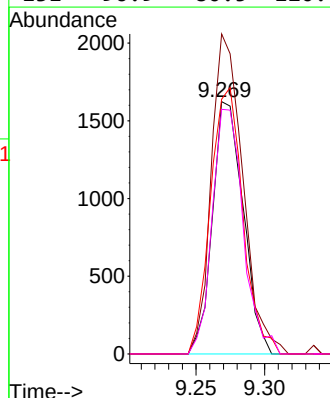
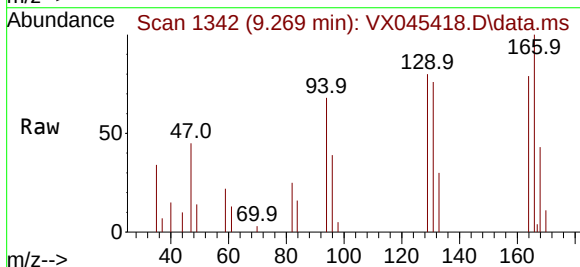
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20250318

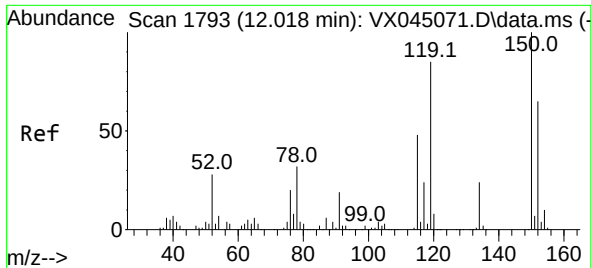
Tgt Ion:117 Resp: 119350
Ion Ratio Lower Upper
117 100
82 61.5 46.3 69.5
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 3.306 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045418.D
Acq: 24 Mar 2025 16:27

Tgt Ion:164 Resp: 2527
Ion Ratio Lower Upper
164 100
166 126.8 103.6 155.4
129 100.9 82.7 124.1
131 96.9 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: VX045418.D

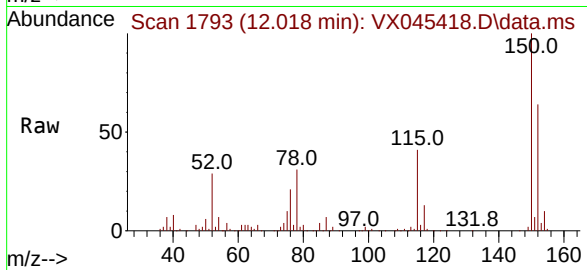
Acq: 24 Mar 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20250318



Tgt Ion:152 Resp: 50651

Ion Ratio Lower Upper

152 100

115 64.3 44.2 132.6

150 158.0 0.0 349.0

