

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045416.D
 Acq On : 24 Mar 2025 15:41
 Operator : JC/MD
 Sample : Q1608-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20250318

Quant Time: Mar 25 01:35:43 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)

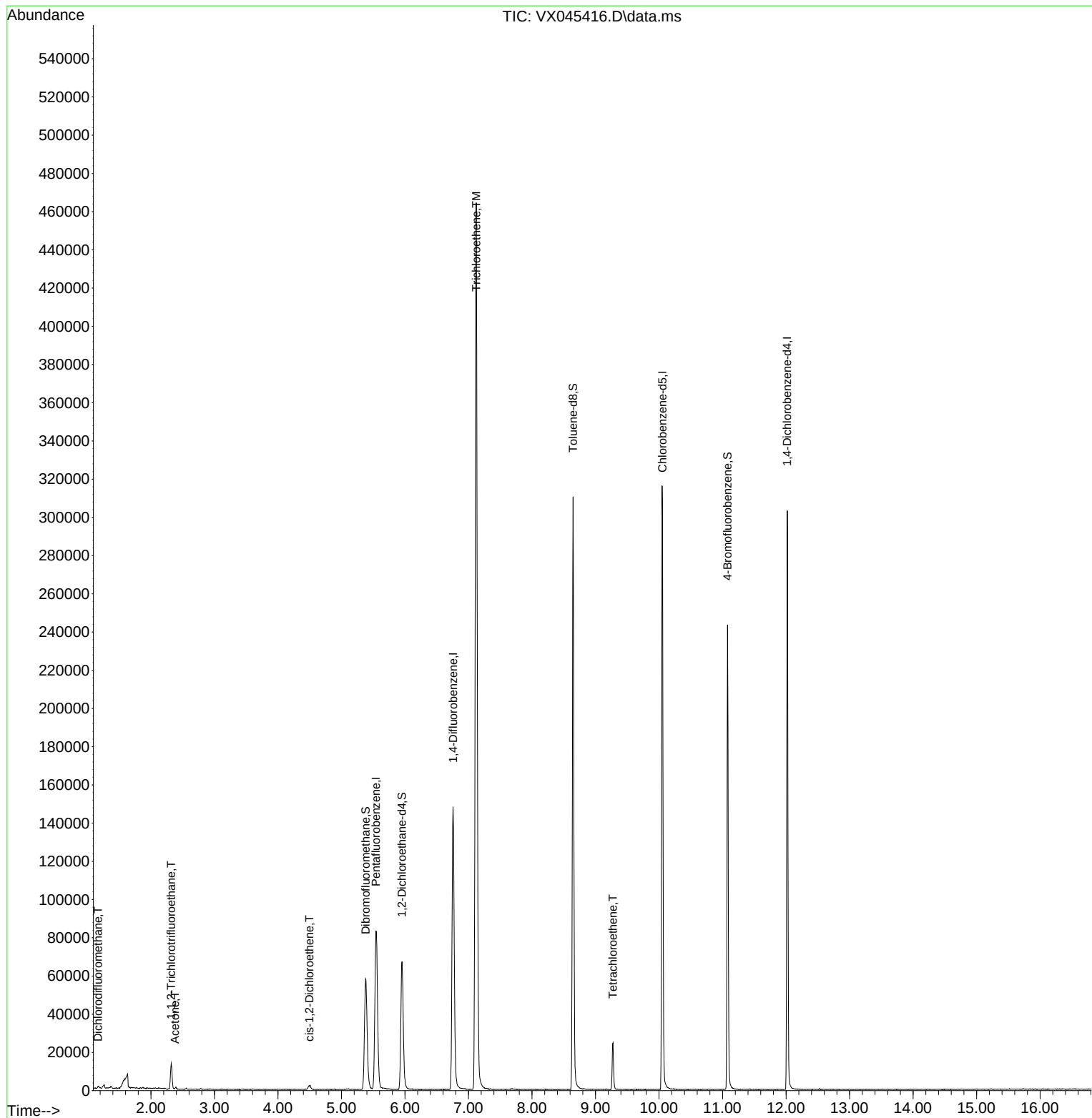
Internal Standards						
1) Pentafluorobenzene	5.543	168	74803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66210	55.646	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.300%
35) Dibromofluoromethane	5.379	113	50696	52.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	8.646	98	175327	49.852	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	61643	52.893	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	535	0.568	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.318	101	4519	5.198	ug/l	97
16) Acetone	2.379	43	880	1.594	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	1579	1.409	ug/l	86
44) Trichloroethene	7.122	130	169741	172.071	ug/l	96
64) Tetrachloroethene	9.274	164	4149	4.880	ug/l	93

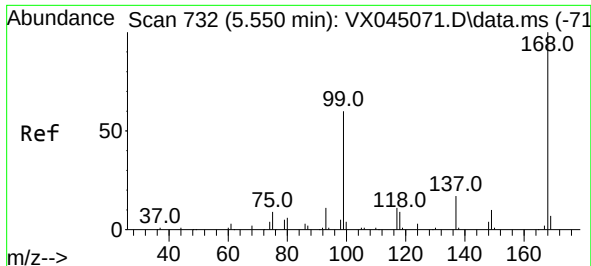
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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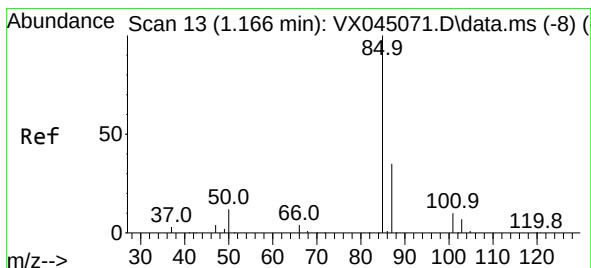
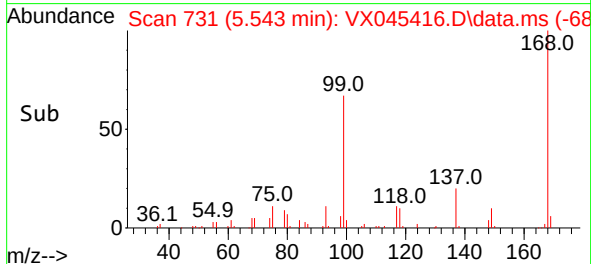
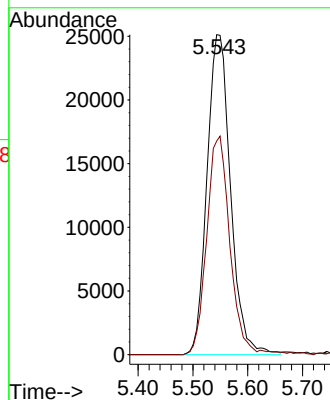
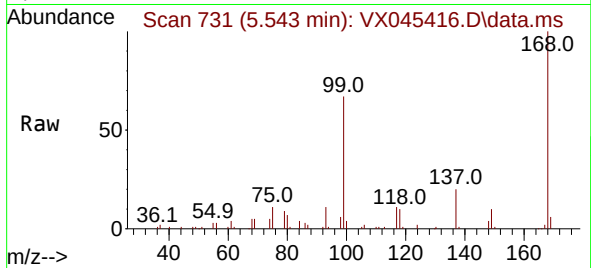




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

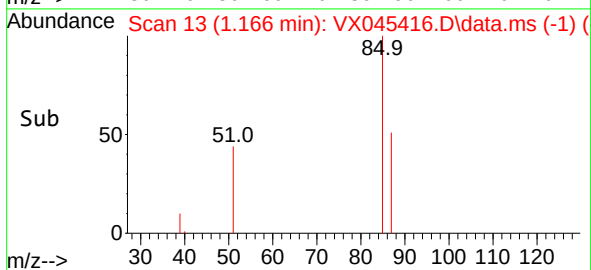
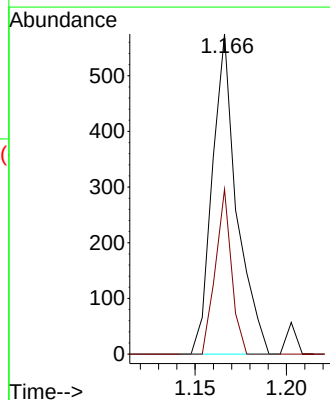
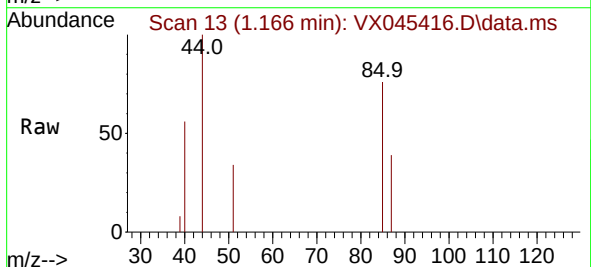
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250318

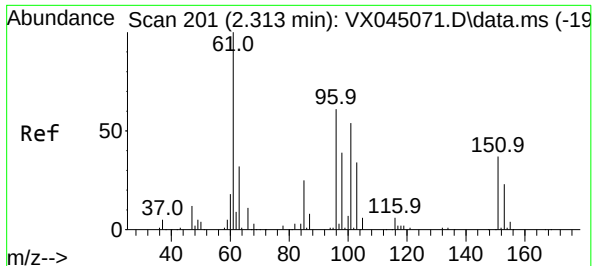
Tgt Ion:168 Resp: 74803
Ion Ratio Lower Upper
168 100
99 66.8 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 0.568 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

Tgt Ion: 85 Resp: 535
Ion Ratio Lower Upper
85 100
87 51.5 17.4 52.3

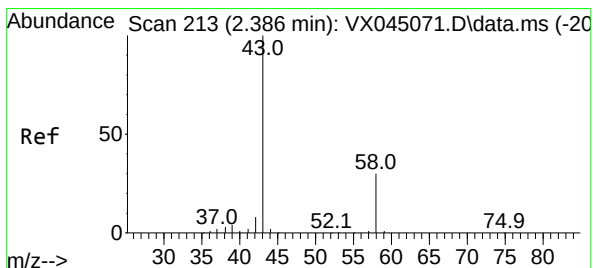
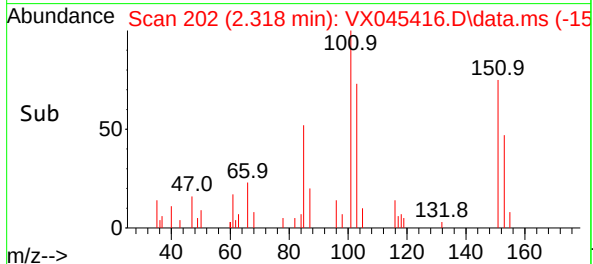
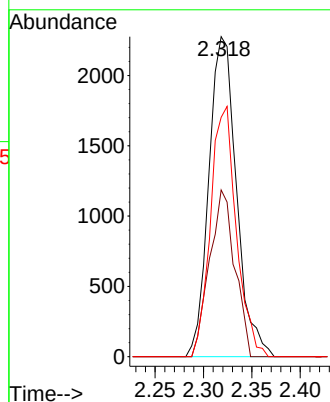
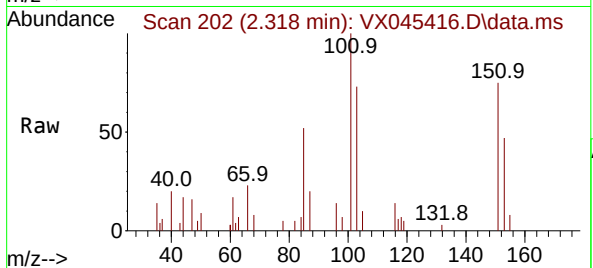




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.198 ug/l
RT: 2.318 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

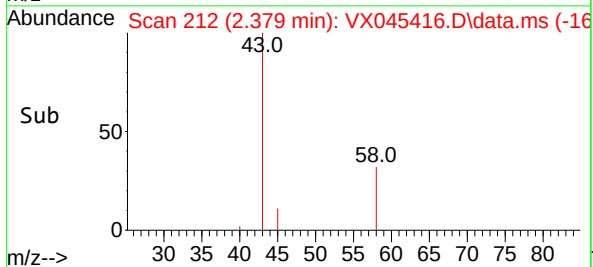
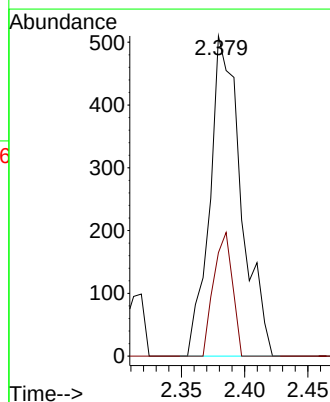
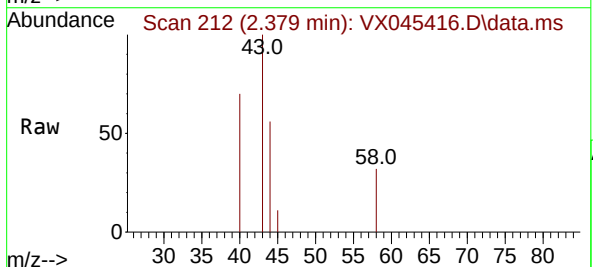
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250318

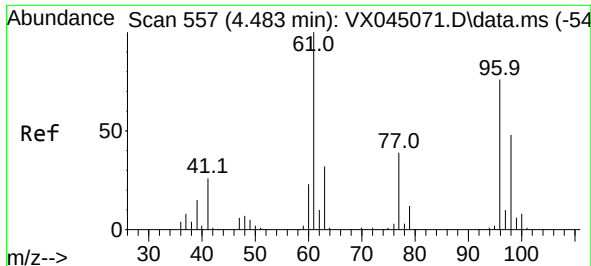
Tgt Ion:	101	Resp:	4519
Ion	Ratio	Lower	Upper
101	100		
85	47.6	36.2	54.4
151	73.1	56.4	84.6



#16
Acetone
Concen: 1.594 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

Tgt Ion:	43	Resp:	880
Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.2	36.4





#27

cis-1,2-Dichloroethene

Concen: 1.409 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045416.D

Acq: 24 Mar 2025 15:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20250318

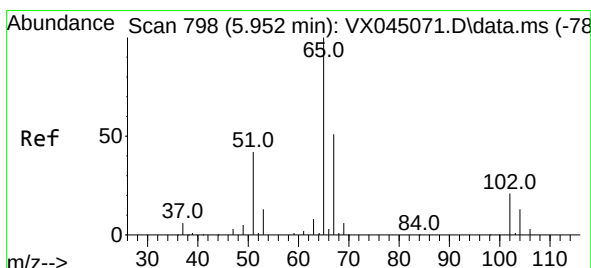
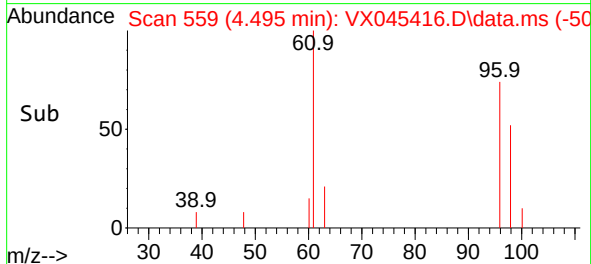
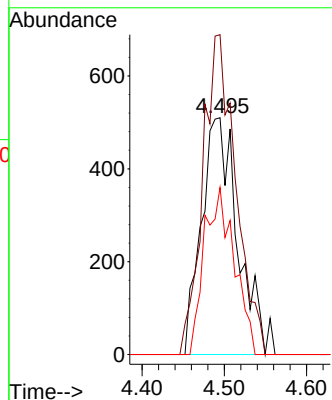
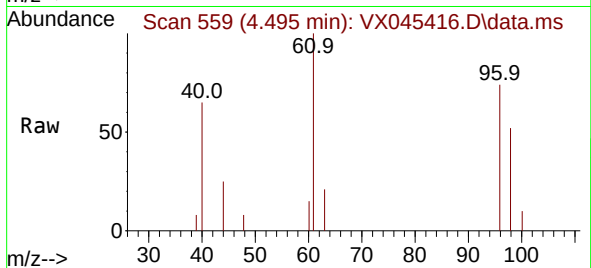
Tgt Ion: 96 Resp: 1579

Ion Ratio Lower Upper

96 100

61 121.2 0.0 283.2

98 57.6 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 55.646 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045416.D

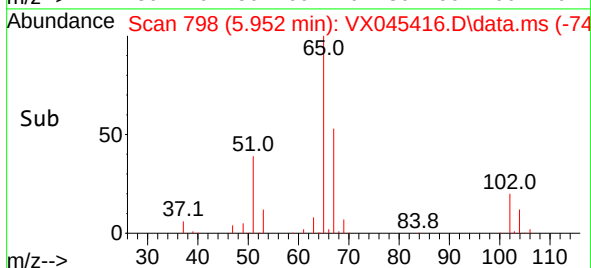
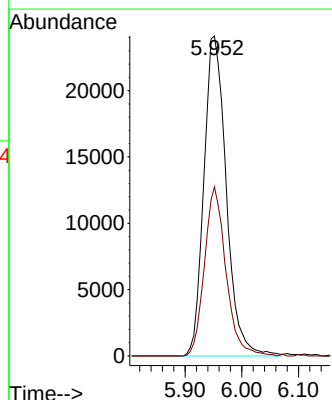
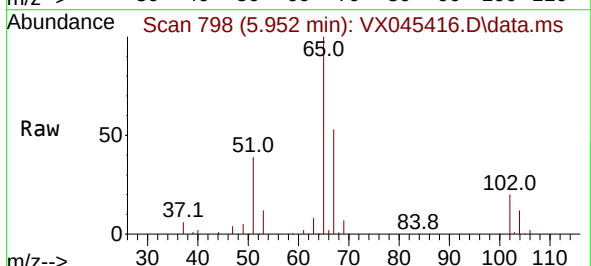
Acq: 24 Mar 2025 15:41

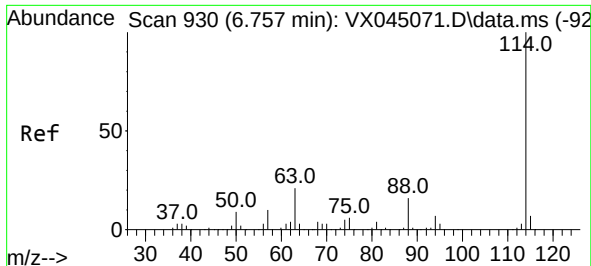
Tgt Ion: 65 Resp: 66210

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.2

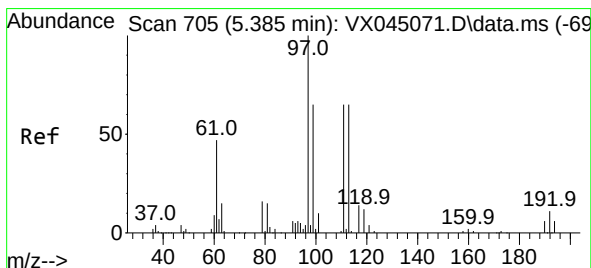
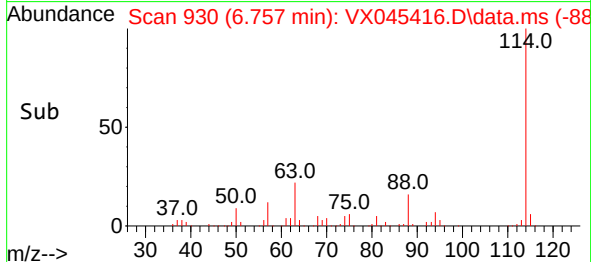
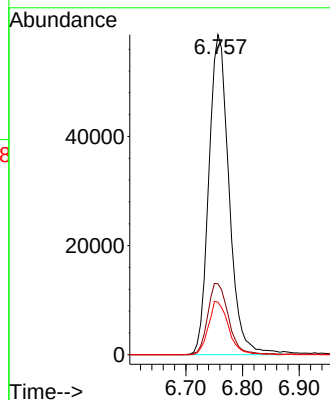
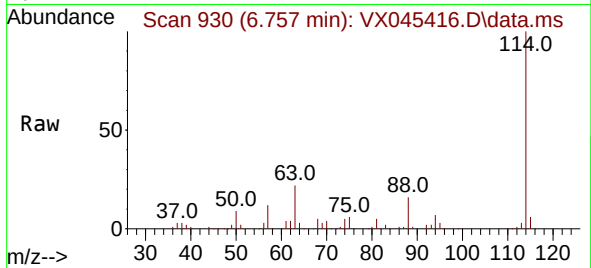




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

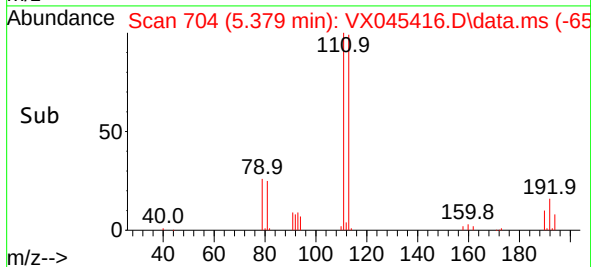
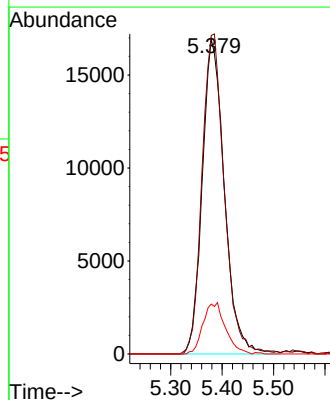
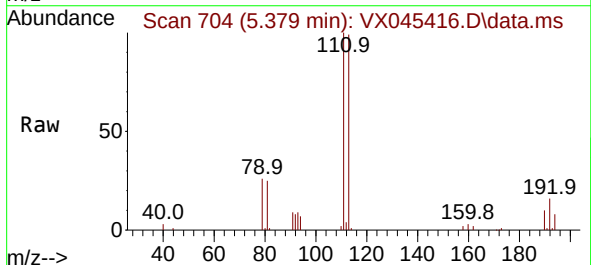
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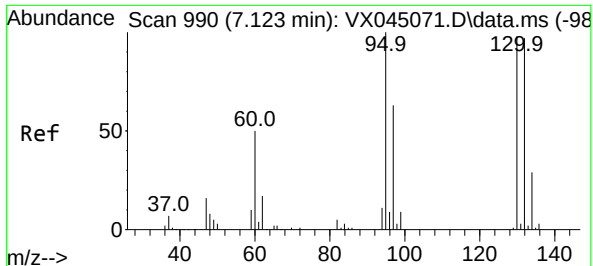
Tgt Ion:114 Resp: 145079
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.258 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

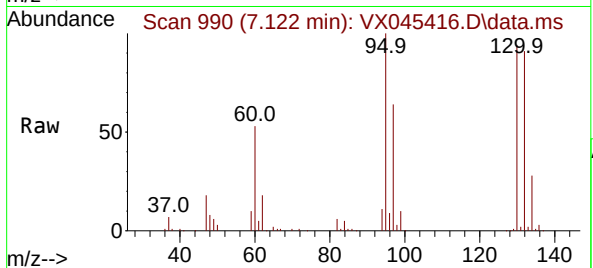
Tgt Ion:113 Resp: 50696
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 16.4 14.3 21.5



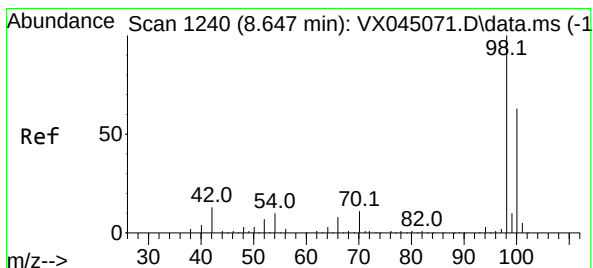
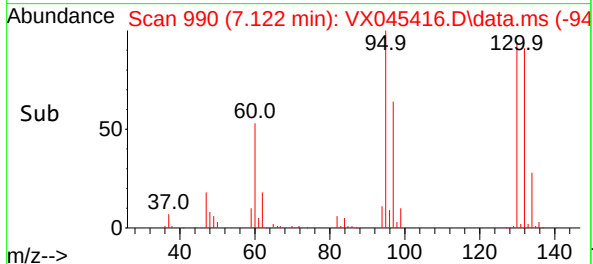
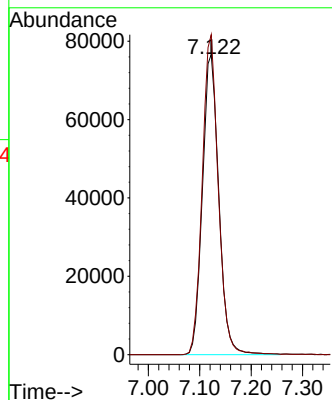


#44
Trichloroethene
Concen: 172.071 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250318

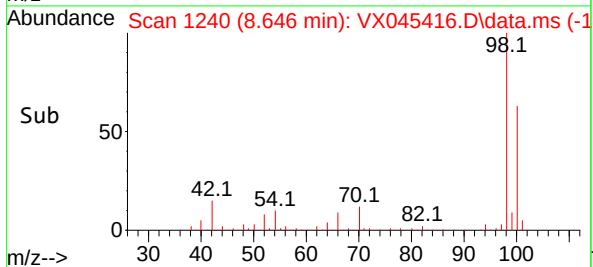
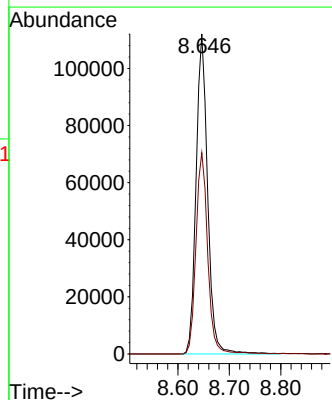
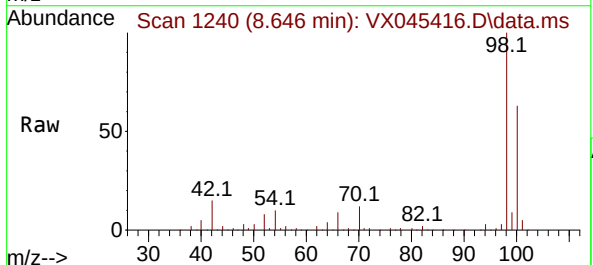


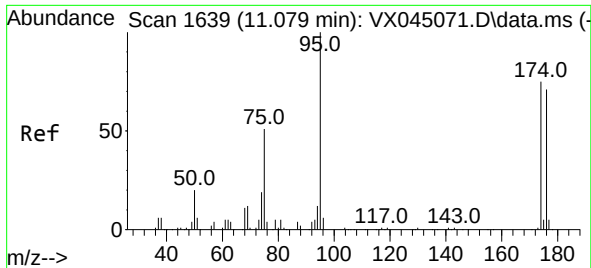
Tgt Ion:130 Resp: 169741
Ion Ratio Lower Upper
130 100
95 106.5 0.0 205.0



#50
Toluene-d8
Concen: 49.852 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

Tgt Ion: 98 Resp: 175327
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

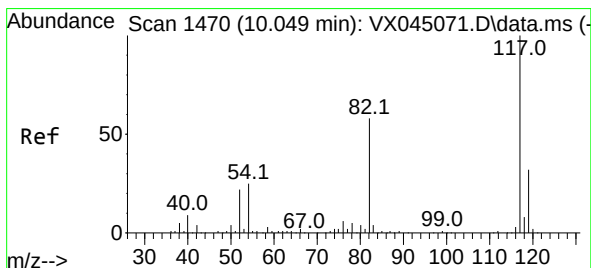
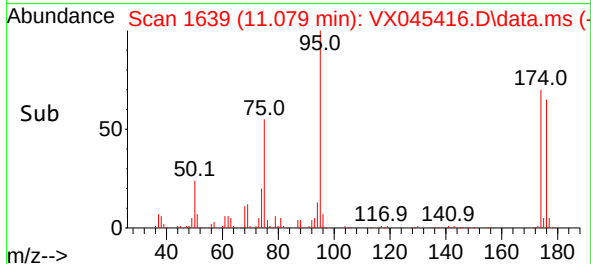
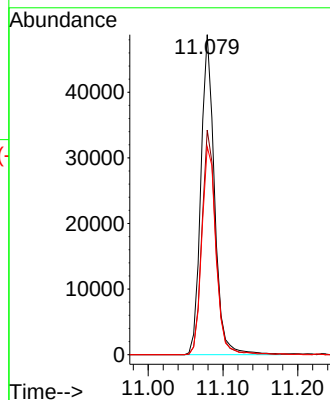
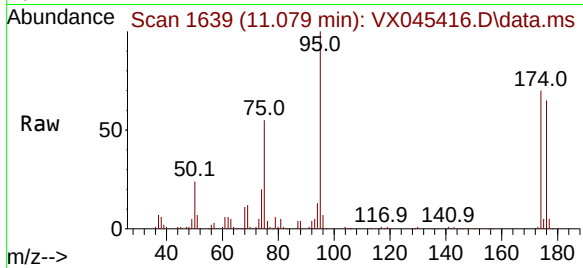




#62
4-Bromofluorobenzene
Concen: 52.893 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

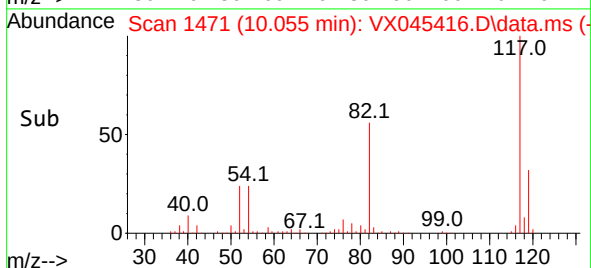
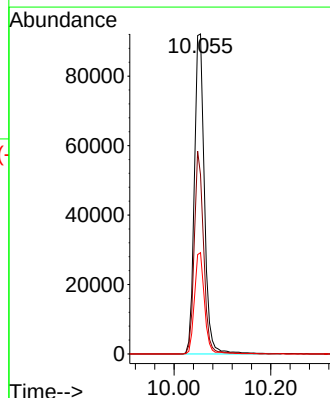
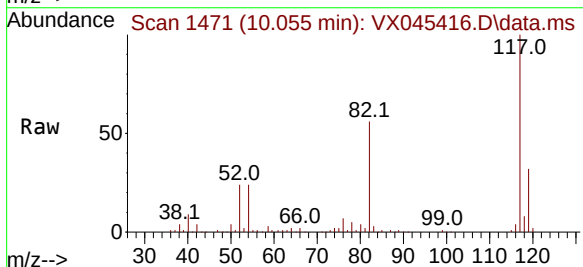
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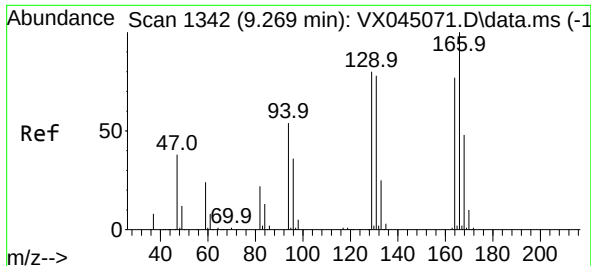
Tgt Ion: 95 Resp: 61643
Ion Ratio Lower Upper
95 100
174 71.7 0.0 148.2
176 68.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

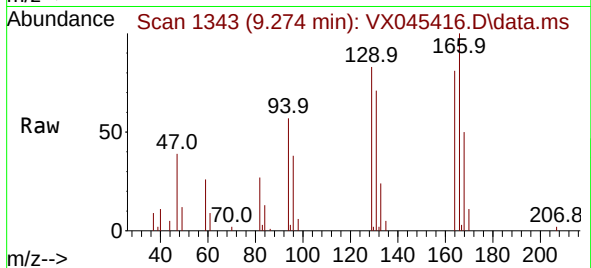
Tgt Ion: 117 Resp: 132750
Ion Ratio Lower Upper
117 100
82 56.0 46.3 69.5
119 31.7 25.7 38.5



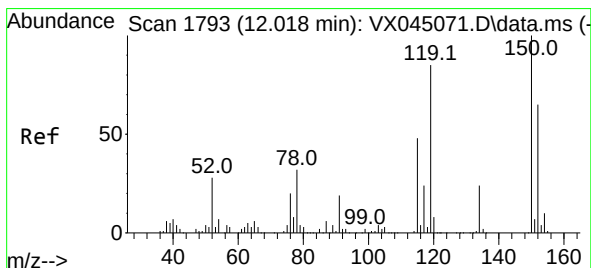
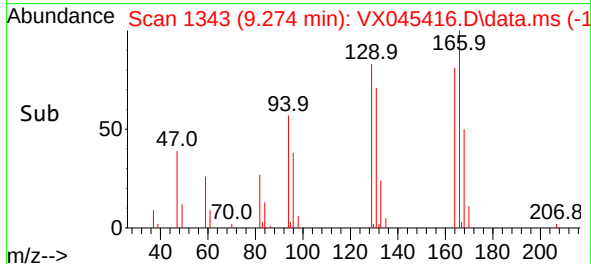
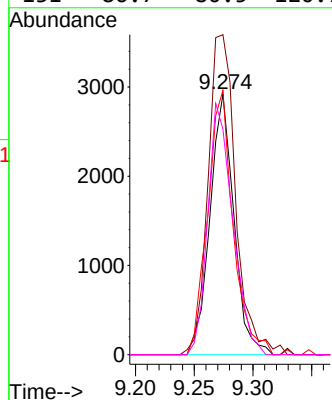


#64
Tetrachloroethene
Concen: 4.880 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20250318



Tgt Ion:164 Resp: 4149
Ion Ratio Lower Upper
164 100
166 122.9 103.6 155.4
129 101.5 82.7 124.1
131 86.7 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045416.D
Acq: 24 Mar 2025 15:41

Tgt Ion:152 Resp: 54723
Ion Ratio Lower Upper
152 100
115 63.6 44.2 132.6
150 162.1 0.0 349.0

