

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045415.D
 Acq On : 24 Mar 2025 15:17
 Operator : JC/MD
 Sample : Q1608-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20250318

Quant Time: Mar 25 01:35:15 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)

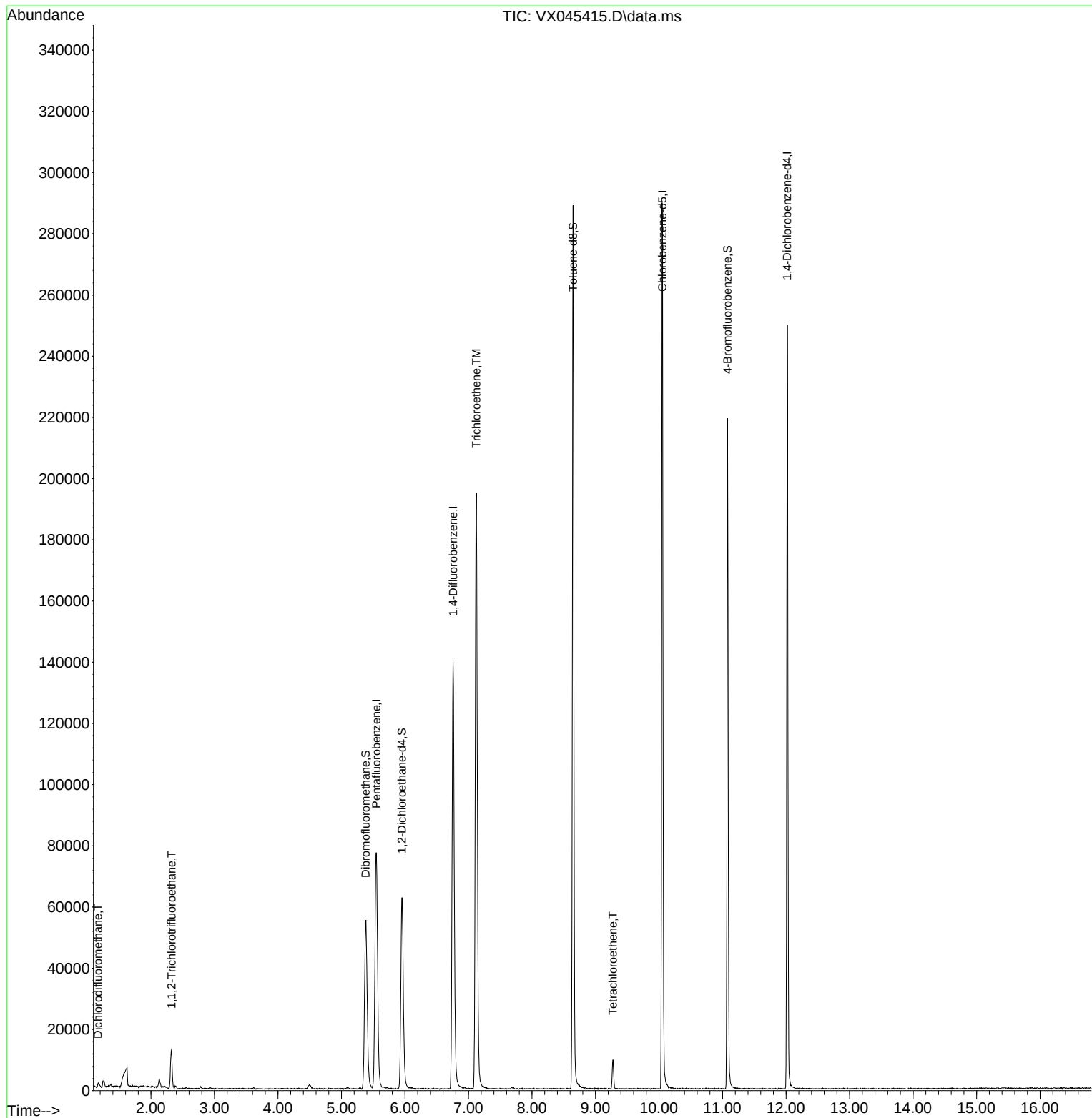
Internal Standards						
1) Pentafluorobenzene	5.550	168	69281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62411	56.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.260%
35) Dibromofluoromethane	5.379	113	47268	52.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.060%
50) Toluene-d8	8.647	98	162792	49.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	55593	51.424	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	929	1.065	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	4479	5.562	ug/l	97
44) Trichloroethene	7.123	130	71833	78.501	ug/l	100
64) Tetrachloroethene	9.275	164	1839	2.365	ug/l #	80

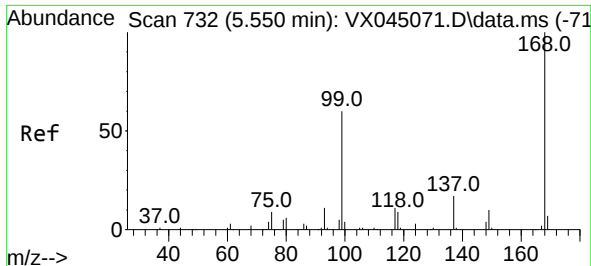
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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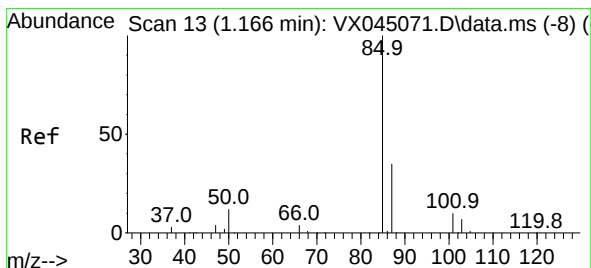
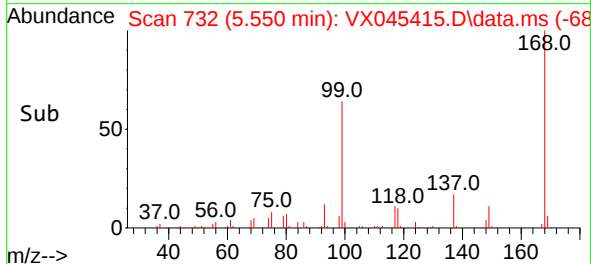
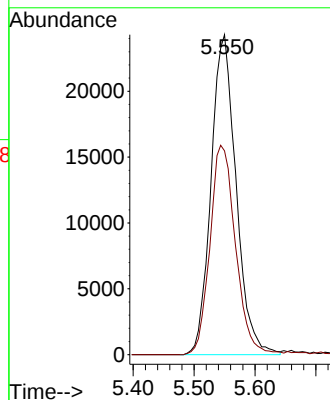
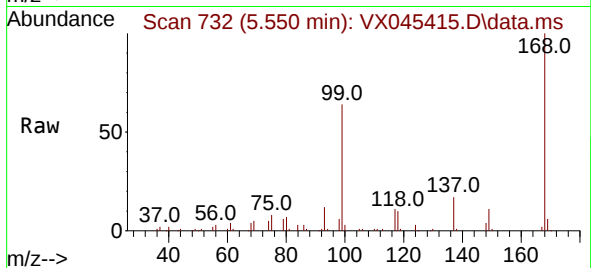




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

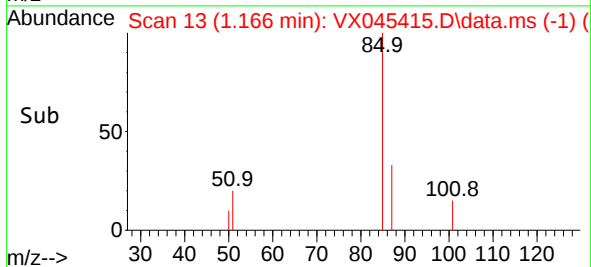
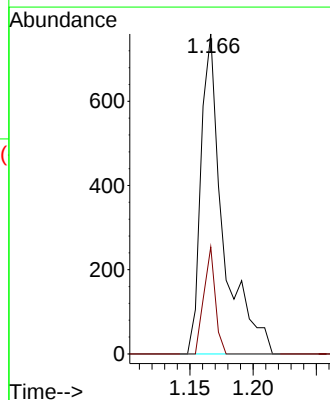
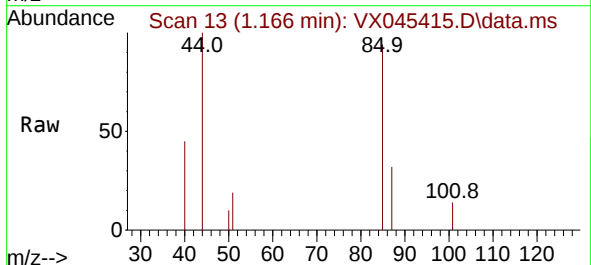
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20250318

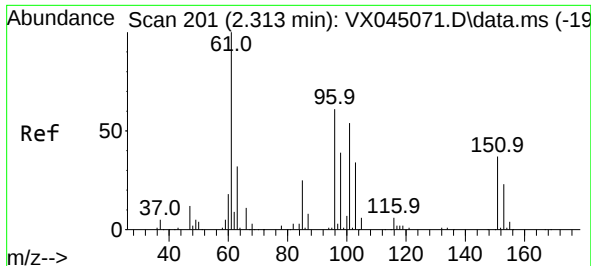
Tgt Ion:168 Resp: 69281
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.065 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

Tgt Ion: 85 Resp: 929
Ion Ratio Lower Upper
85 100
87 33.4 17.4 52.3

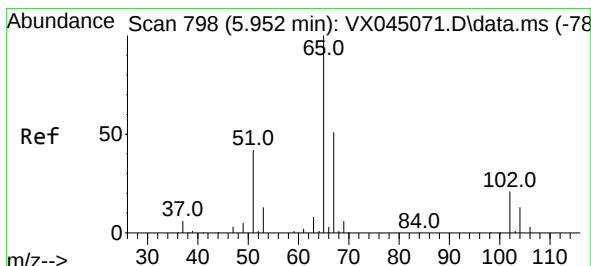
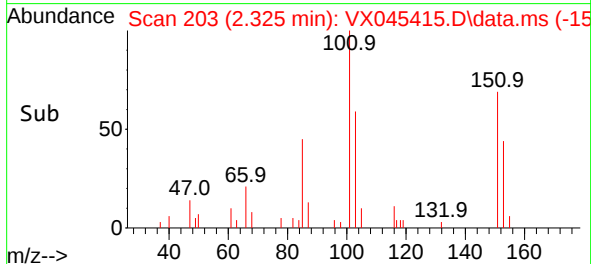
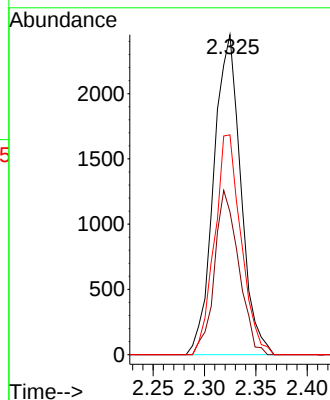
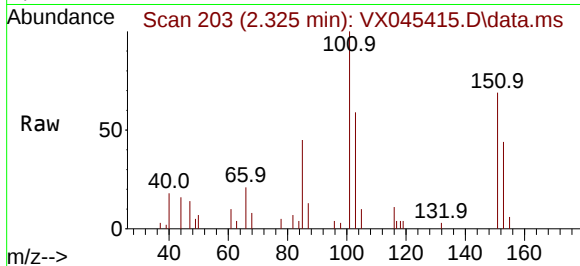




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.562 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

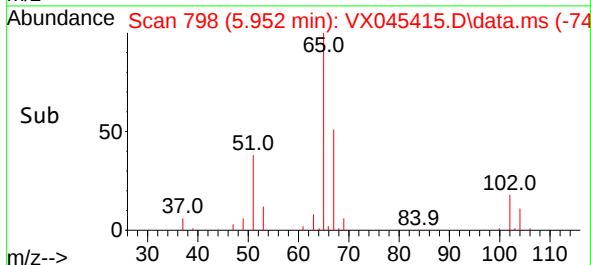
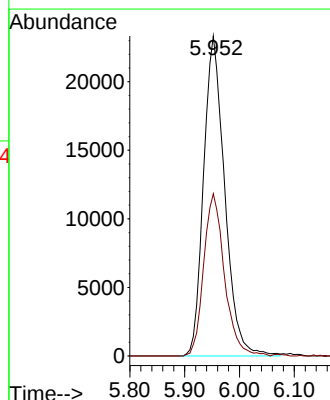
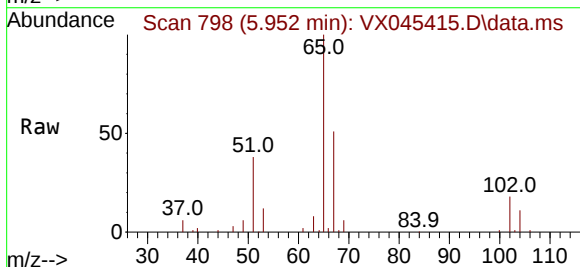
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20250318

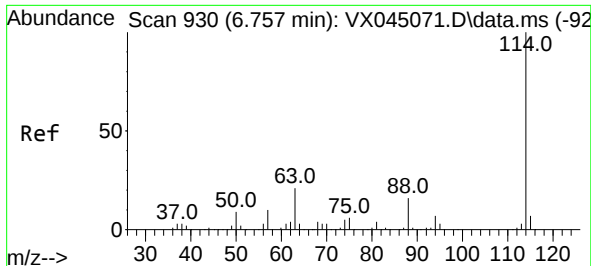
Tgt Ion:101 Resp: 4479
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 67.4 56.4 84.6



#33
1,2-Dichloroethane-d4
Concen: 56.633 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

Tgt Ion: 65 Resp: 62411
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.2

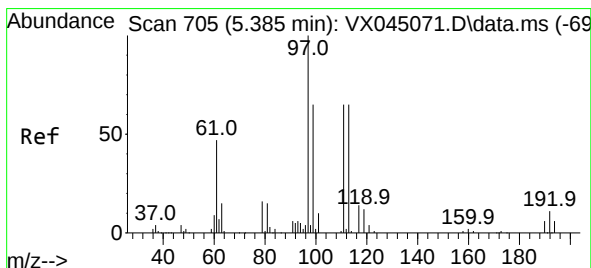
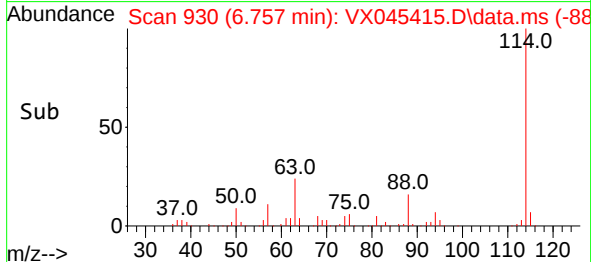
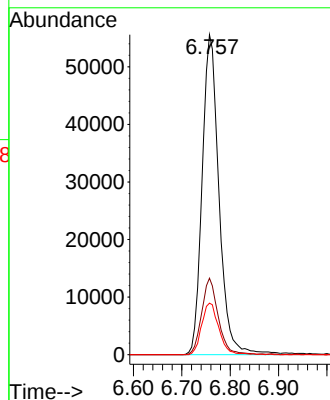
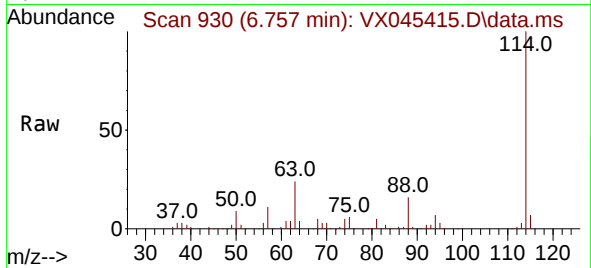




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

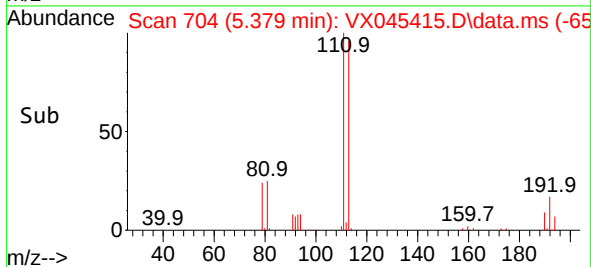
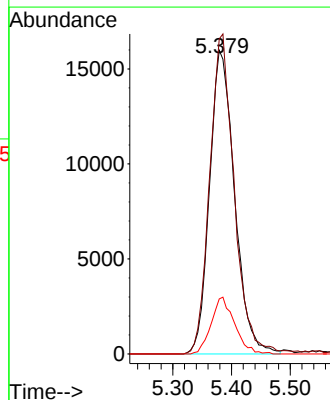
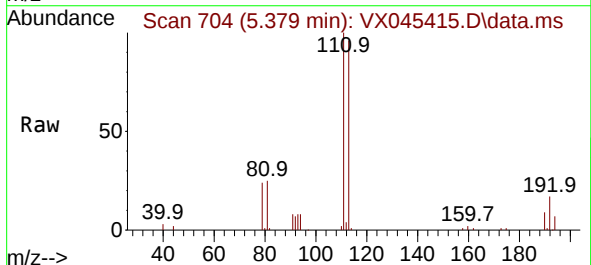
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20250318

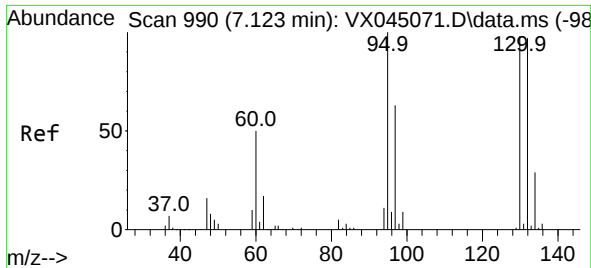
Tgt Ion:114 Resp: 134579
Ion Ratio Lower Upper
114 100
63 23.9 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.526 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

Tgt Ion:113 Resp: 47268
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 17.5 14.3 21.5

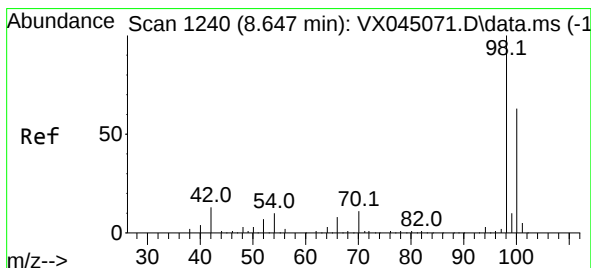
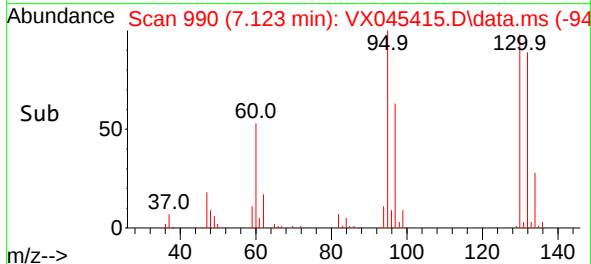
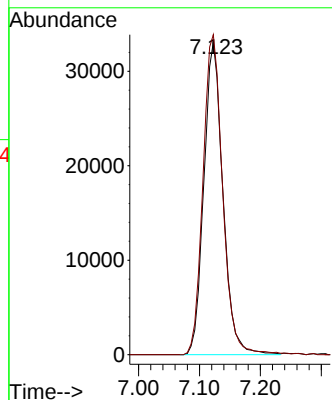
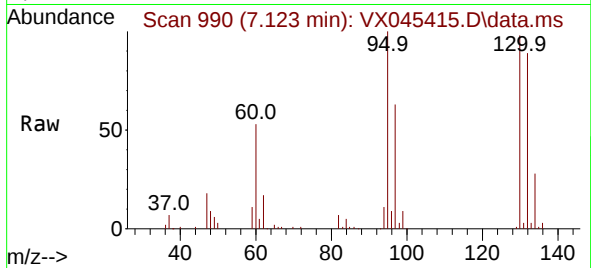




#44
 Trichloroethene
 Concen: 78.501 ug/l
 RT: 7.123 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VX045415.D
 Acq: 24 Mar 2025 15:17

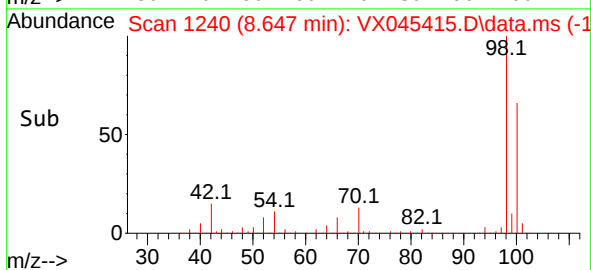
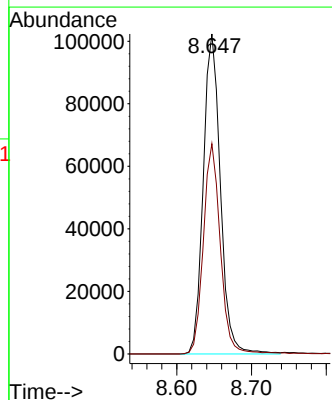
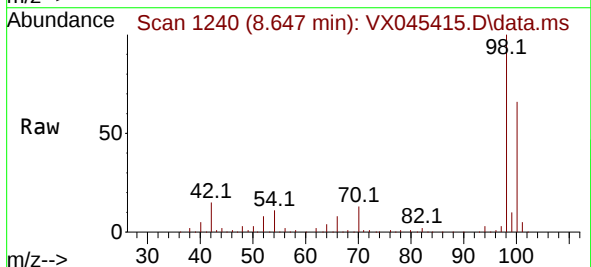
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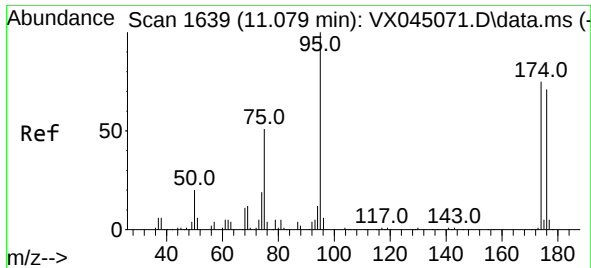
Tgt Ion:130 Resp: 71833
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 205.0



#50
 Toluene-d8
 Concen: 49.899 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045415.D
 Acq: 24 Mar 2025 15:17

Tgt Ion: 98 Resp: 162792
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.0 78.0

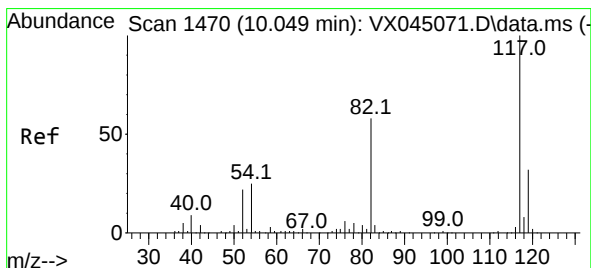
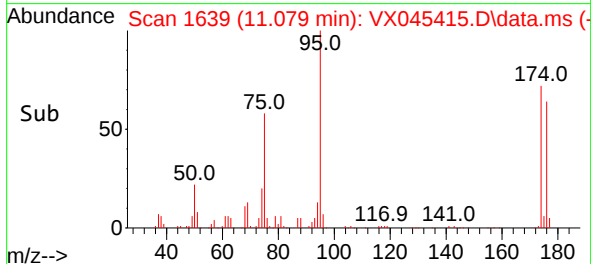
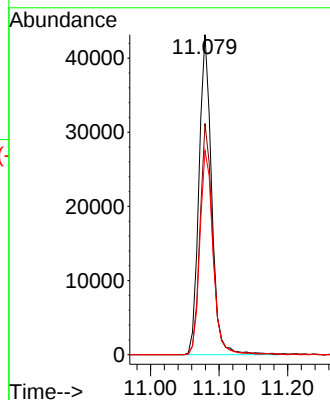
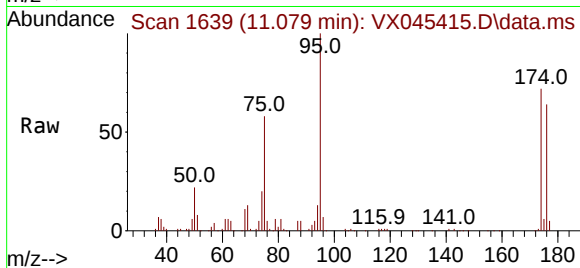




#62
4-Bromofluorobenzene
Concen: 51.424 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

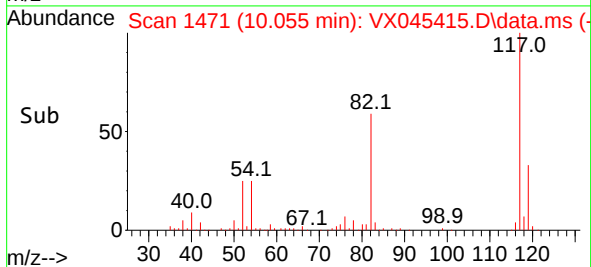
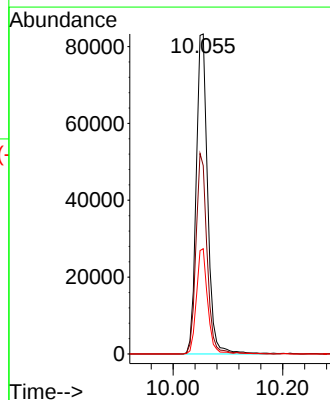
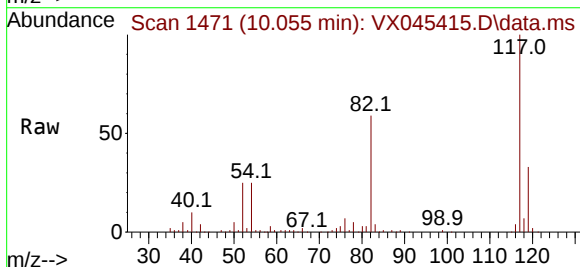
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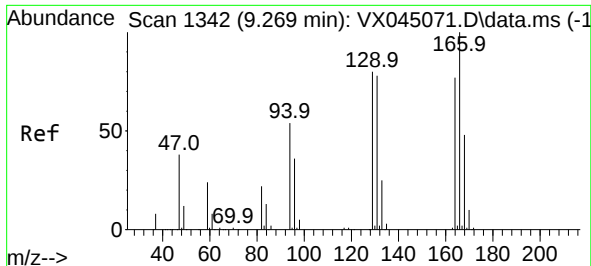
Tgt Ion: 95 Resp: 55593
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.2
176 66.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

Tgt Ion: 117 Resp: 121432
Ion Ratio Lower Upper
117 100
82 58.9 46.3 69.5
119 32.9 25.7 38.5



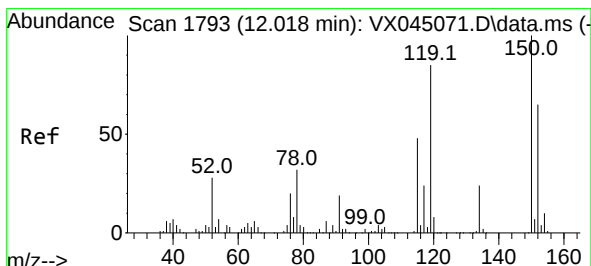
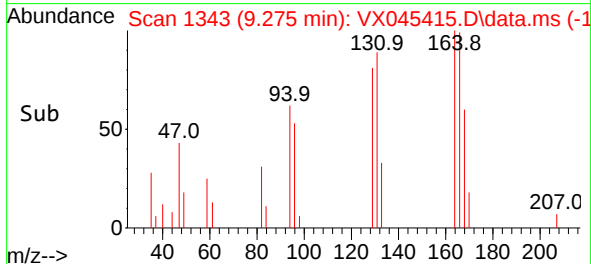
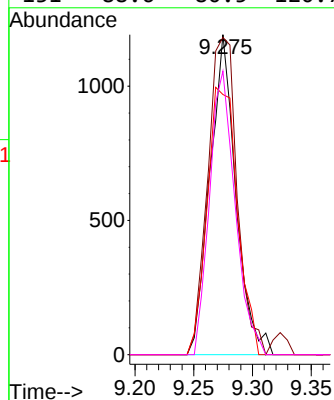
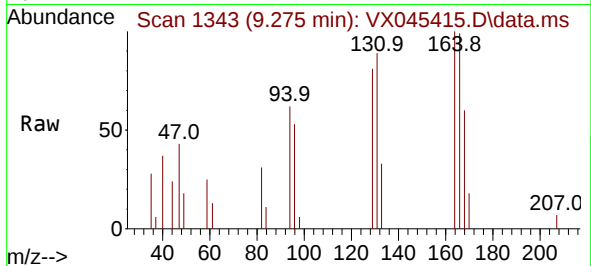


#64
Tetrachloroethene
Concen: 2.365 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045415.D
Acq: 24 Mar 2025 15:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20250318

Tgt Ion:164 Resp: 1839

Ion	Ratio	Lower	Upper
164	100		
166	99.2	103.6	155.4#
129	81.3	82.7	124.1#
131	88.6	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: VX045415.D
Acq: 24 Mar 2025 15:17

Tgt Ion:152 Resp: 47134

Ion	Ratio	Lower	Upper
152	100		
115	63.8	44.2	132.6
150	159.5	0.0	349.0

