

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045452.D
 Acq On : 25 Mar 2025 19:51
 Operator : JC/MD
 Sample : Q1608-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20250318

Quant Time: Mar 26 01:45:12 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)

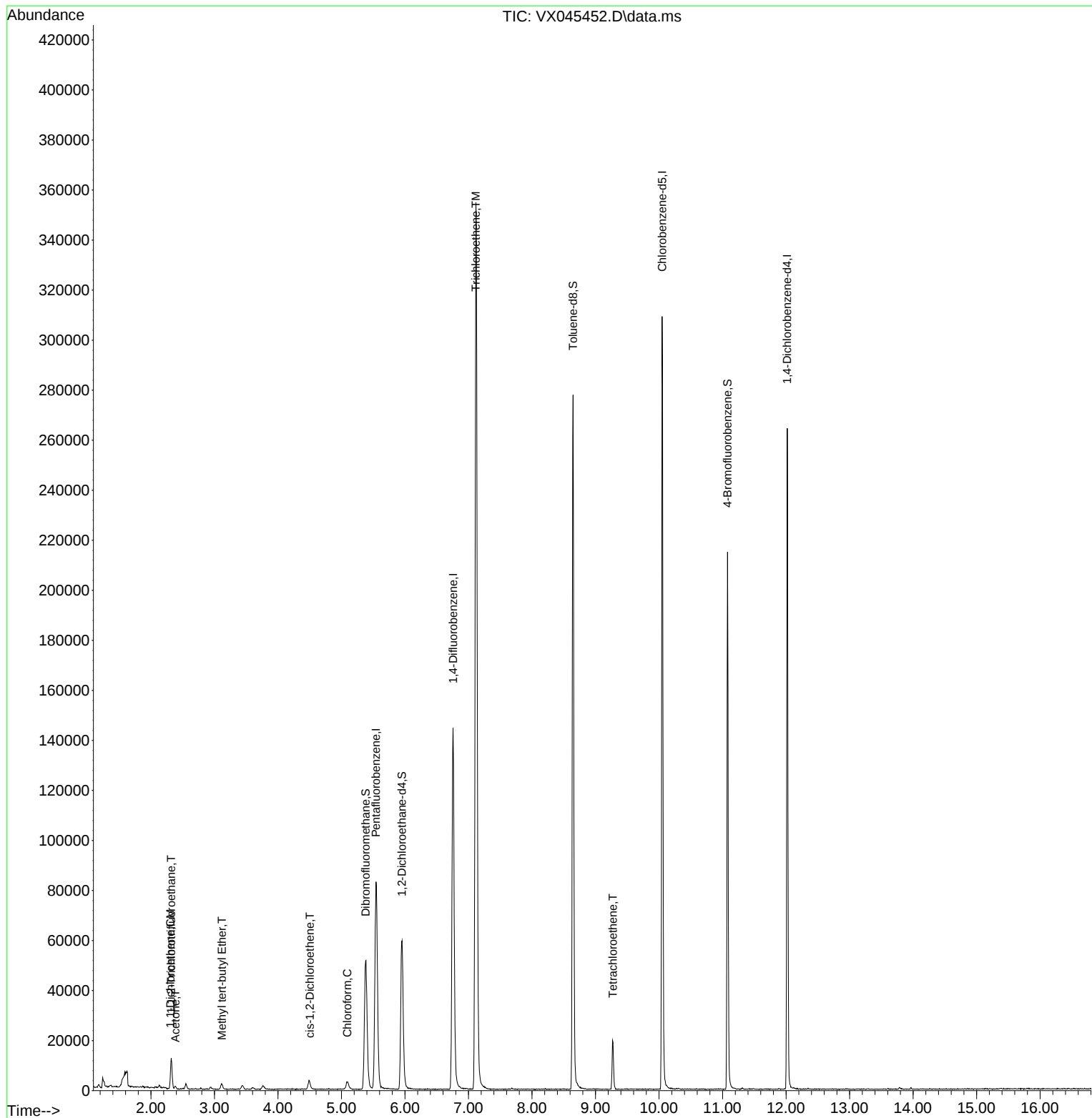
Internal Standards						
1) Pentafluorobenzene	5.544	168	72182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60650	52.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.640%
35) Dibromofluoromethane	5.379	113	45356	48.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	8.647	98	157998	46.495	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.000%
62) 4-Bromofluorobenzene	11.079	95	54366	48.281	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.560%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	4131	4.924	ug/l	99
12) 1,1-Dichloroethene	2.307	96	652	0.735	ug/l	91
16) Acetone	2.386	43	926	1.738	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	2254	0.757	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	2326	2.150	ug/l	88
30) Chloroform	5.093	83	3811	2.131	ug/l	92
44) Trichloroethene	7.117	130	129756	136.137	ug/l	95
64) Tetrachloroethene	9.275	164	3620	4.475	ug/l	94

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

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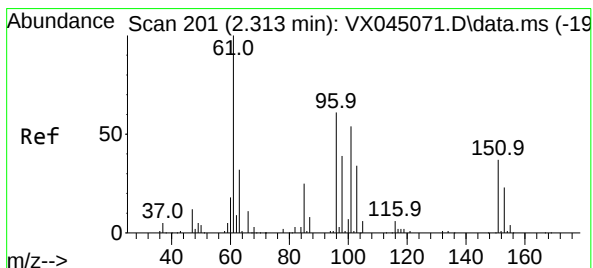
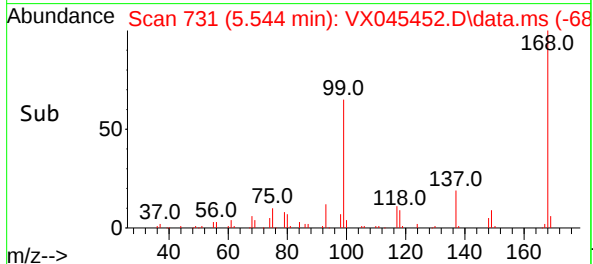
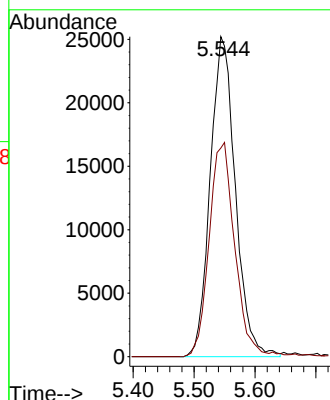
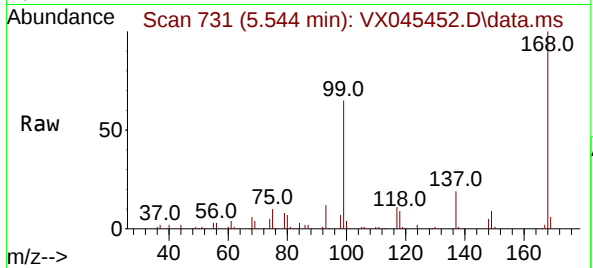




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

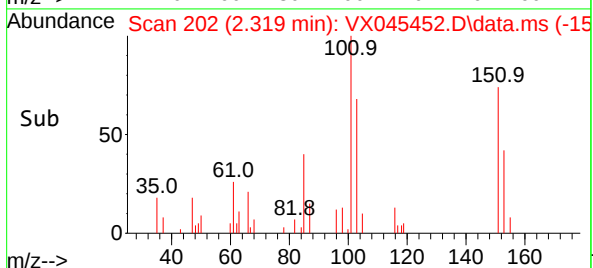
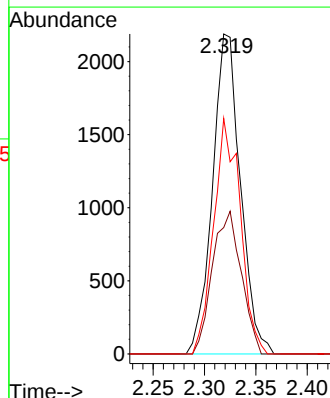
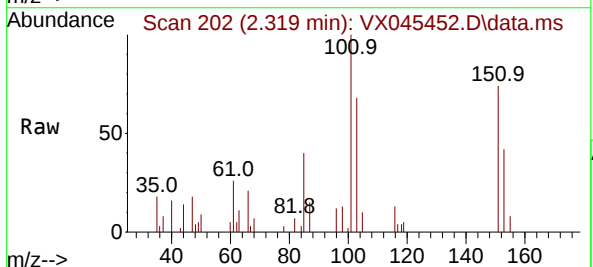
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318

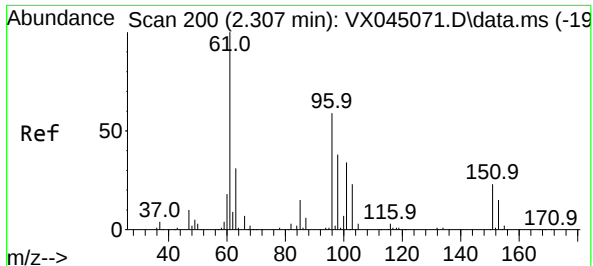
Tgt Ion:168 Resp: 72182
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.924 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

Tgt Ion:101 Resp: 4131
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 70.3 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.735 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX045452.D

Acq: 25 Mar 2025 19:51

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20250318

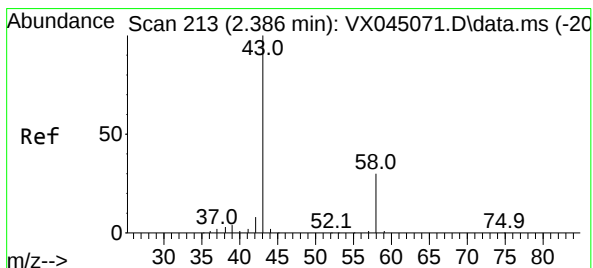
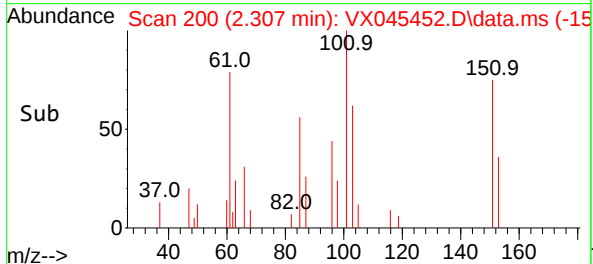
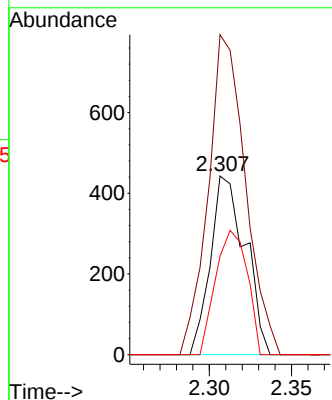
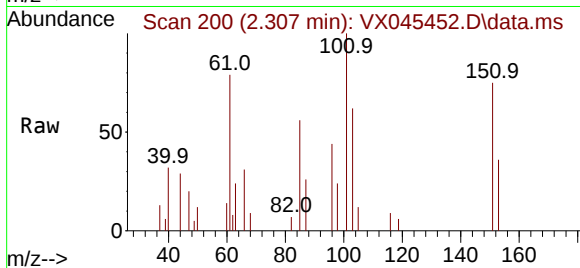
Tgt Ion: 96 Resp: 652

Ion Ratio Lower Upper

96 100

61 179.0 134.6 202.0

98 55.1 51.0 76.6



#16

Acetone

Concen: 1.738 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045452.D

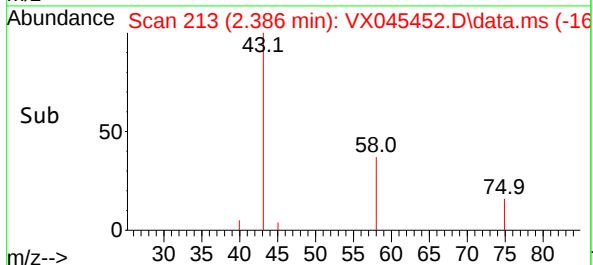
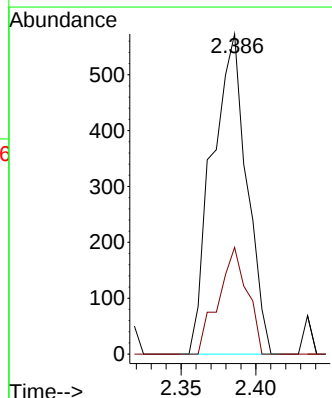
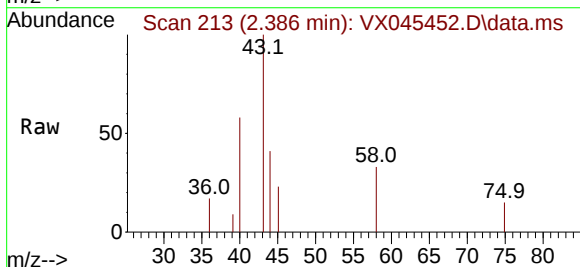
Acq: 25 Mar 2025 19:51

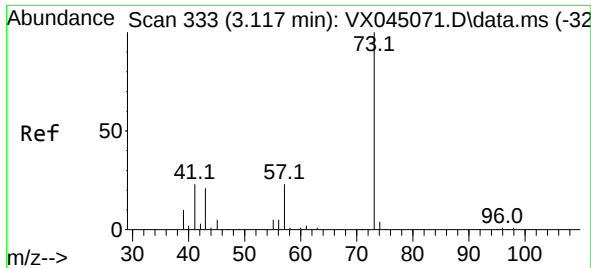
Tgt Ion: 43 Resp: 926

Ion Ratio Lower Upper

43 100

58 33.3 24.2 36.4

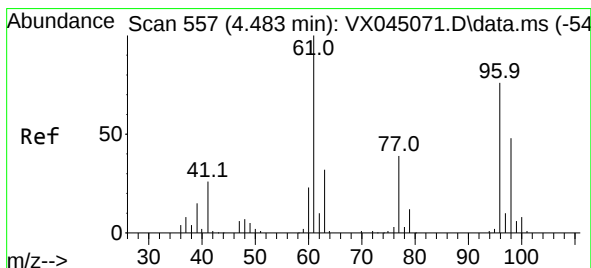
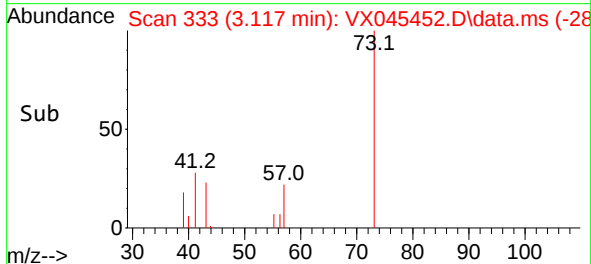
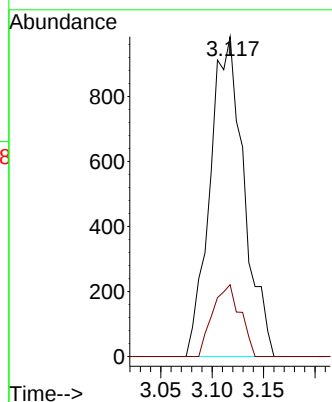
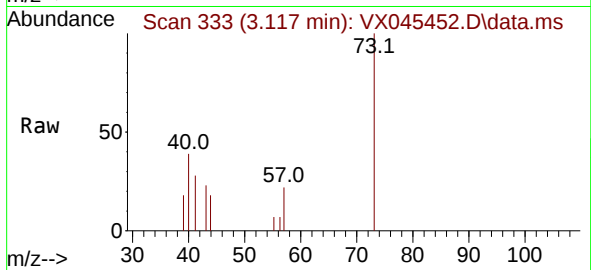




#19
Methyl tert-butyl Ether
Concen: 0.757 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

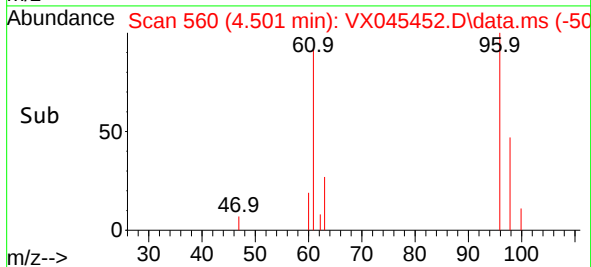
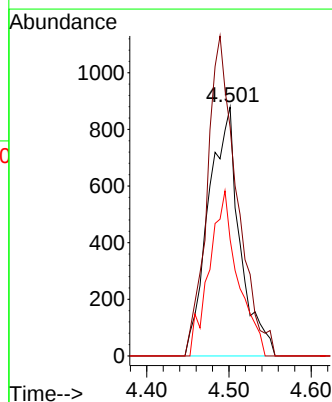
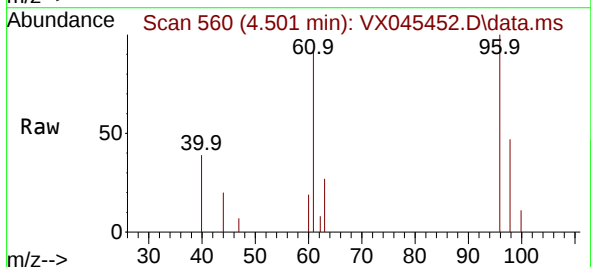
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318

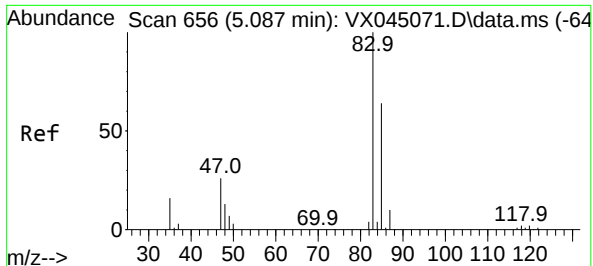
Tgt Ion: 73 Resp: 2254
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7



#27
cis-1,2-Dichloroethene
Concen: 2.150 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.018 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

Tgt Ion: 96 Resp: 2326
Ion Ratio Lower Upper
96 100
61 122.9 0.0 283.2
98 60.4 0.0 128.0





#30

Chloroform

Concen: 2.131 ug/l

RT: 5.093 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX045452.D

Acq: 25 Mar 2025 19:51

Instrument :

MSVOA_X

ClientSampleId :

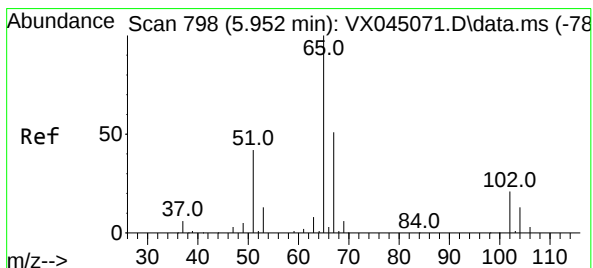
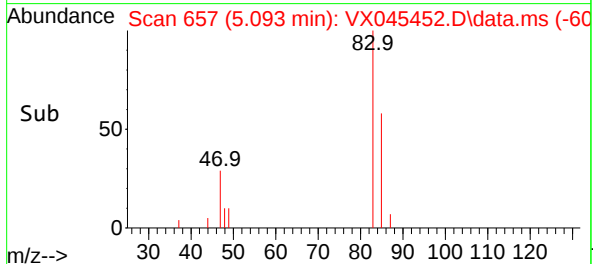
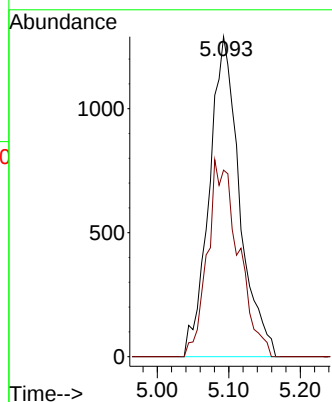
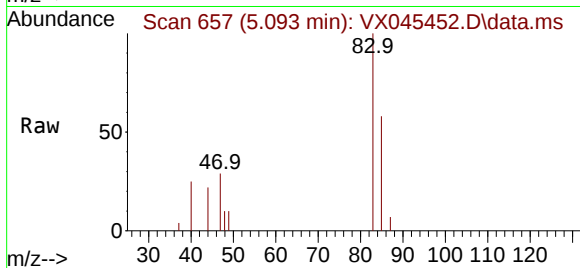
RE132D1-20250318

Tgt Ion: 83 Resp: 3811

Ion Ratio Lower Upper

83 100

85 58.3 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 52.824 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045452.D

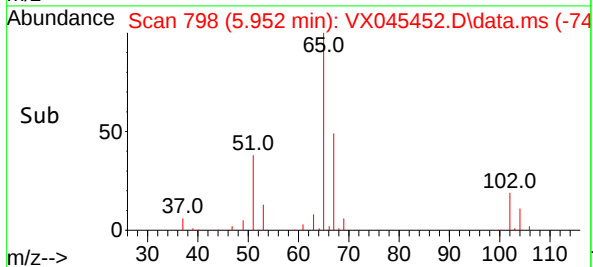
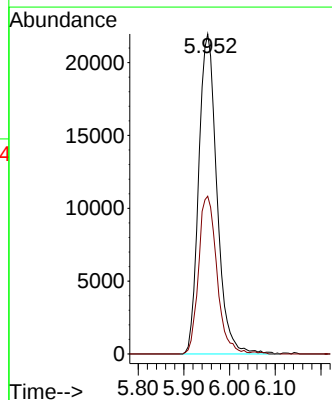
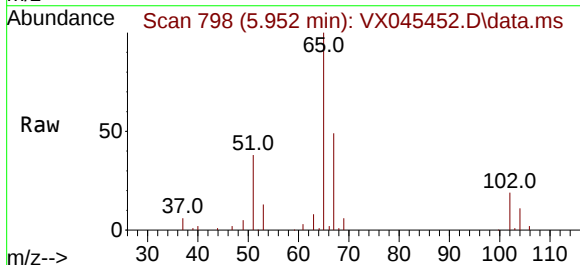
Acq: 25 Mar 2025 19:51

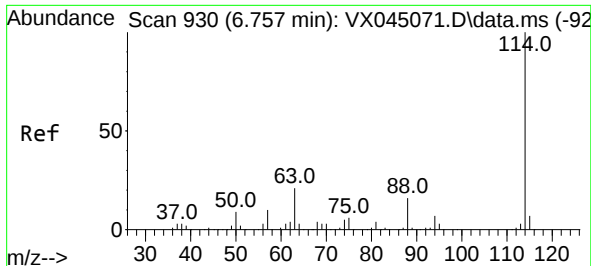
Tgt Ion: 65 Resp: 60650

Ion Ratio Lower Upper

65 100

67 49.6 0.0 106.2

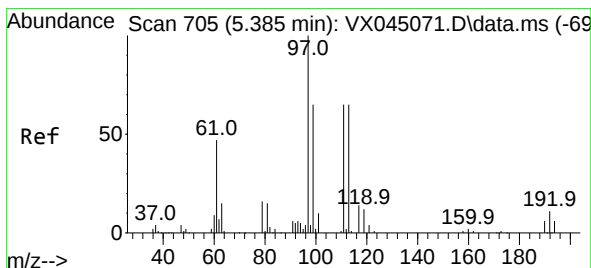
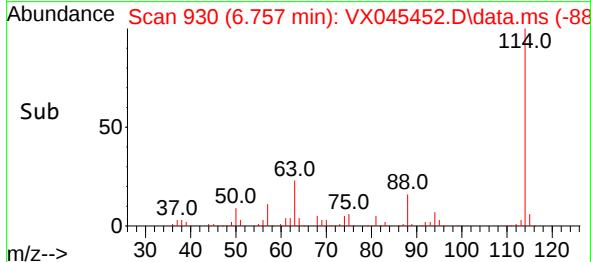
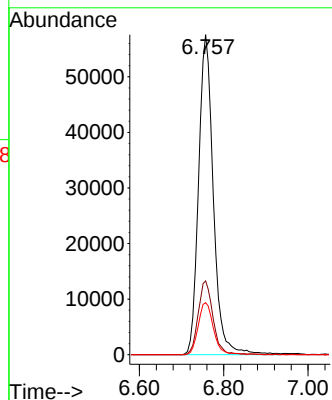
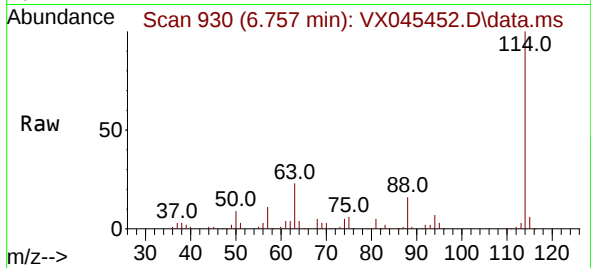




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

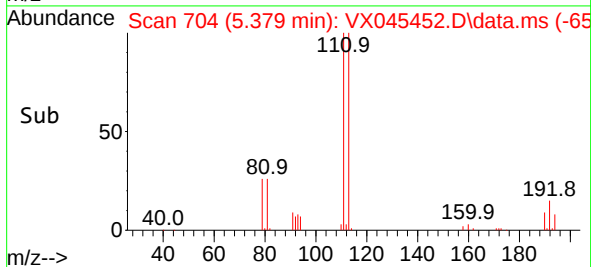
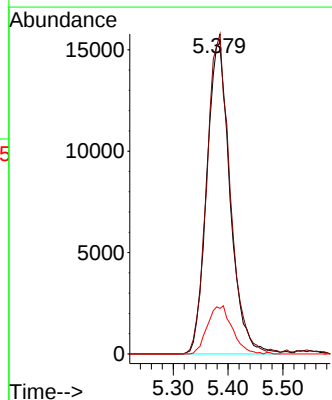
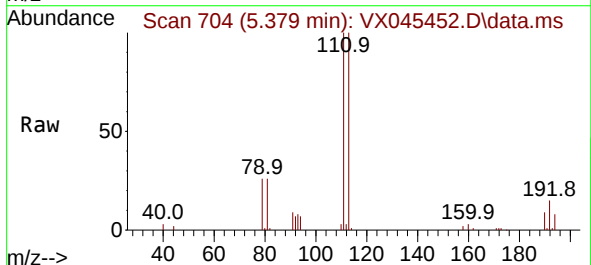
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318

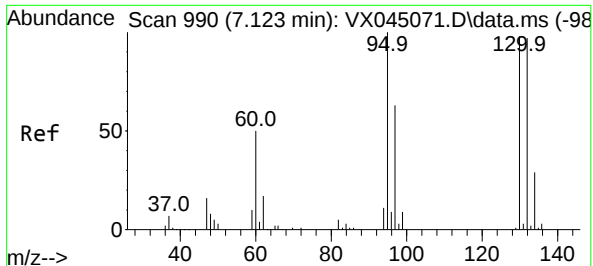
Tgt Ion:114 Resp: 140177
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.389 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

Tgt Ion:113 Resp: 45356
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.4 14.3 21.5

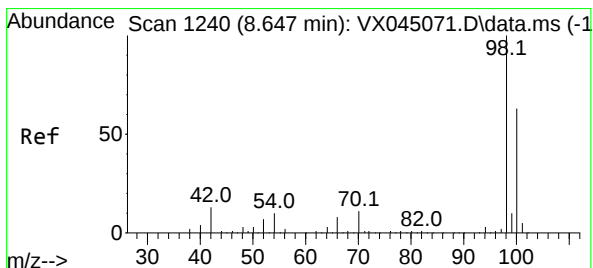
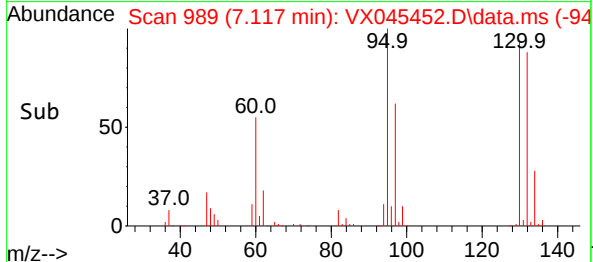
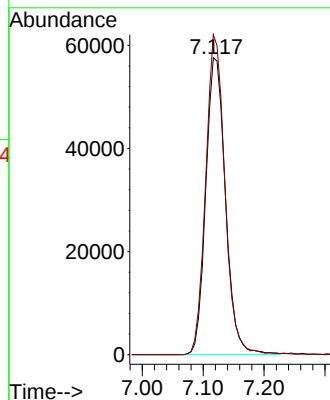
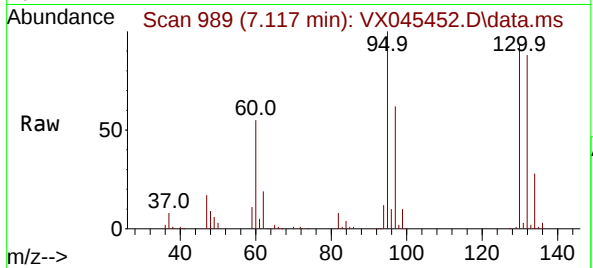




#44
Trichloroethene
Concen: 136.137 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

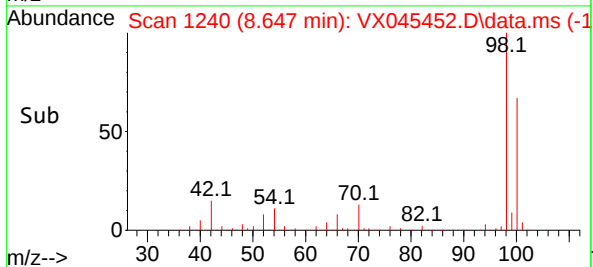
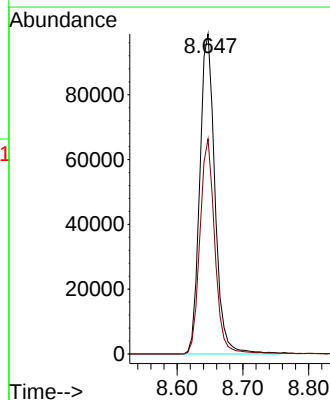
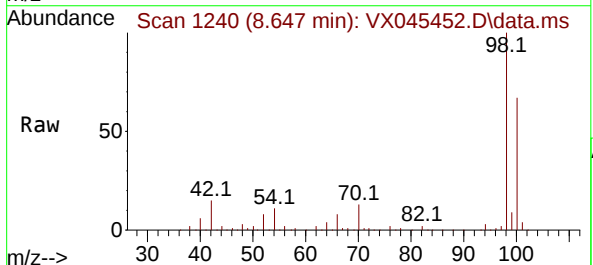
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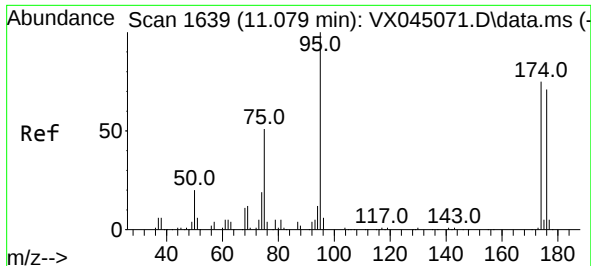
Tgt Ion:130 Resp: 129756
Ion Ratio Lower Upper
130 100
95 107.8 0.0 205.0



#50
Toluene-d8
Concen: 46.495 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

Tgt Ion: 98 Resp: 157998
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

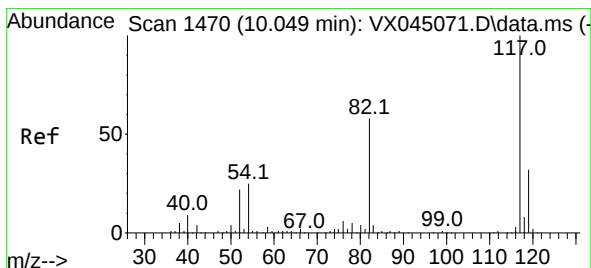
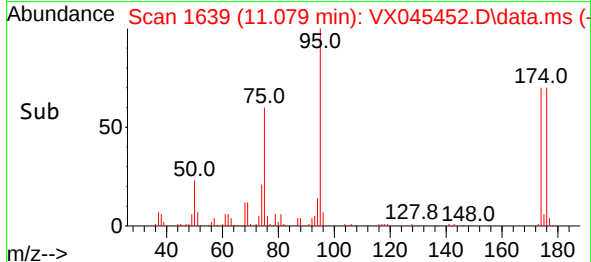
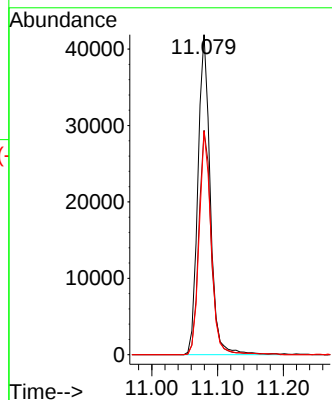
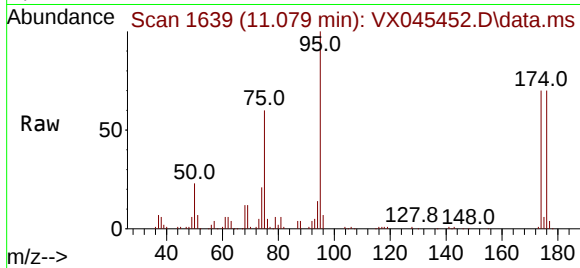




#62
4-Bromofluorobenzene
Concen: 48.281 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

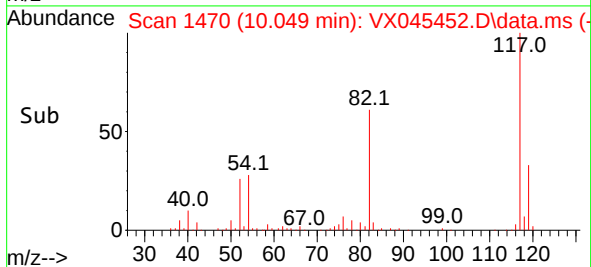
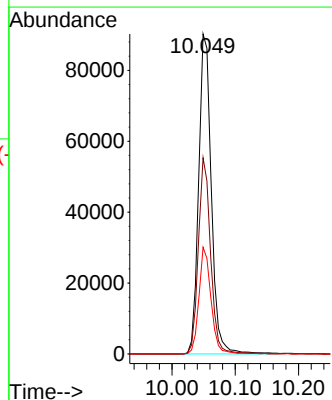
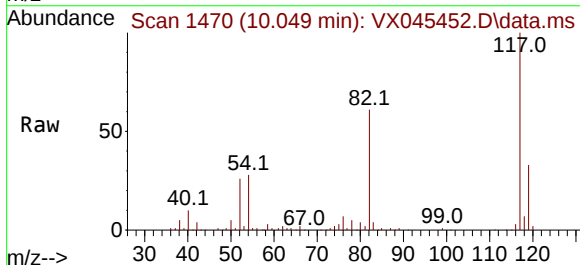
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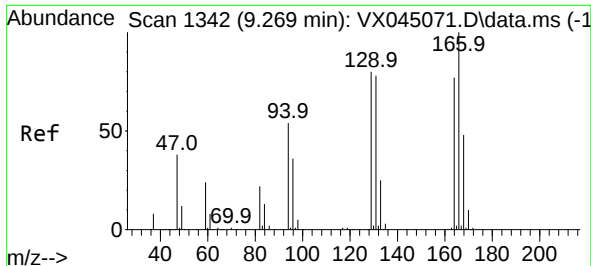
Tgt Ion: 95 Resp: 54366
Ion Ratio Lower Upper
95 100
174 70.4 0.0 148.2
176 67.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

Tgt Ion: 117 Resp: 126304
Ion Ratio Lower Upper
117 100
82 61.3 46.3 69.5
119 33.3 25.7 38.5

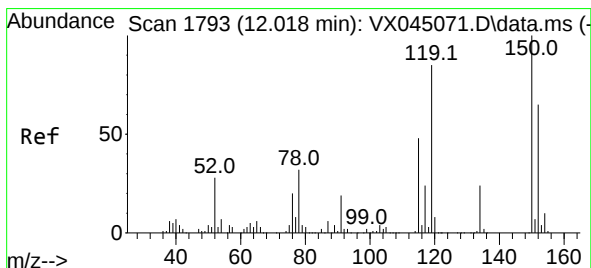
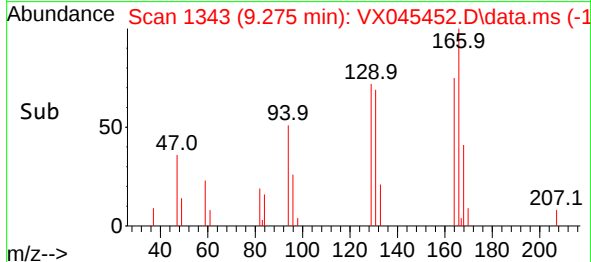
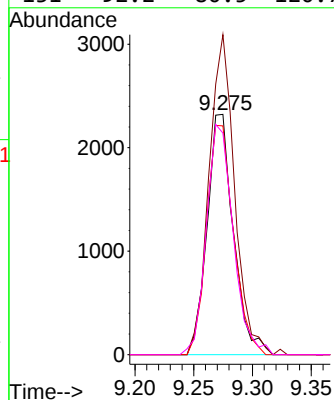
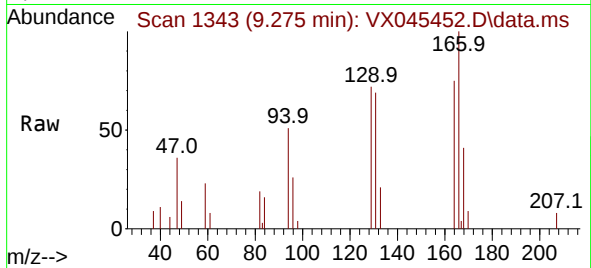




#64
Tetrachloroethene
Concen: 4.475 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045452.D
Acq: 25 Mar 2025 19:51

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20250318

Tgt Ion:164	Resp:	3620	
Ion	Ratio	Lower	Upper
164	100		
166	133.2	103.6	155.4
129	95.2	82.7	124.1
131	92.2	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: VX045452.D
Acq: 25 Mar 2025 19:51

Tgt Ion:152	Resp:	48163	
Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.2	132.6
150	156.3	0.0	349.0

