

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045206.D
 Acq On : 10 Mar 2025 19:07
 Operator : JC/MD
 Sample : Q1531-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20250306

Quant Time: Mar 11 04:01:57 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)

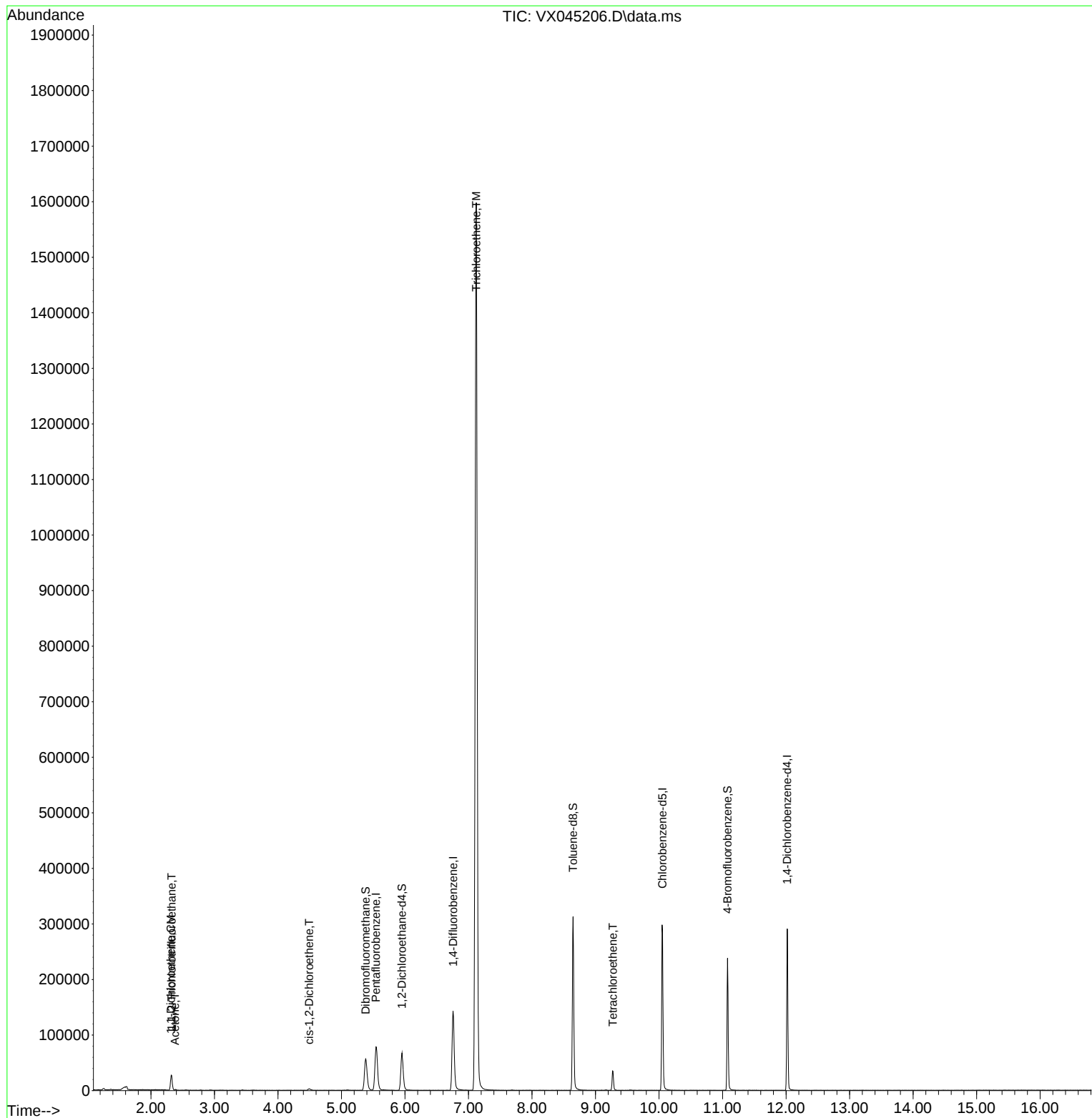
Internal Standards						
1) Pentafluorobenzene	5.544	168	72172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61451	53.529	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.060%		
35) Dibromofluoromethane	5.379	113	48967	50.343	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.680%		
50) Toluene-d8	8.647	98	179471	50.895	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.800%		
62) 4-Bromofluorobenzene	11.079	95	61687	52.791	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.580%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	9288	11.073	ug/l	98
12) 1,1-Dichloroethene	2.312	96	1537	1.733	ug/l #	90
16) Acetone	2.380	43	960	1.802	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	1791	1.656	ug/l	90
44) Trichloroethene	7.123	130	596882	603.479	ug/l	98
64) Tetrachloroethene	9.275	164	6802	7.968	ug/l	95

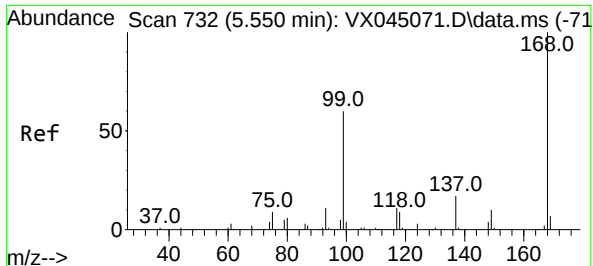
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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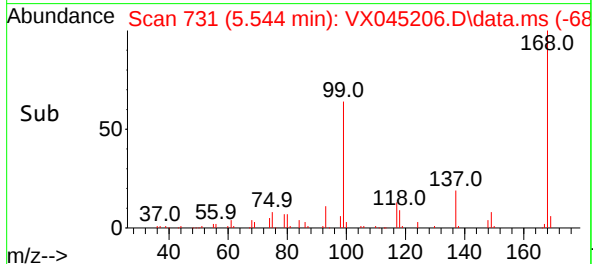
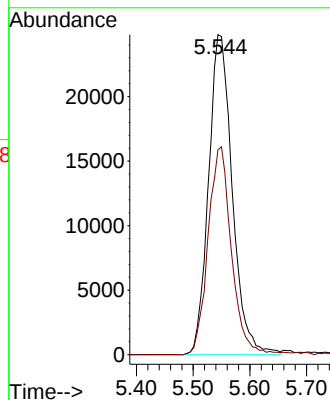
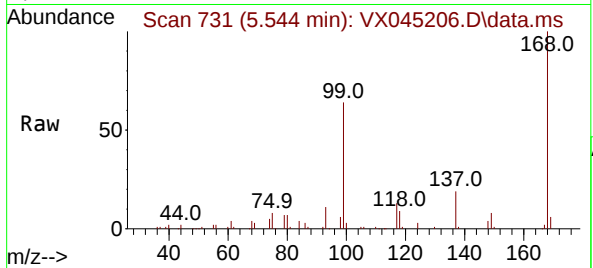




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045206.D
Acq: 10 Mar 2025 19:07

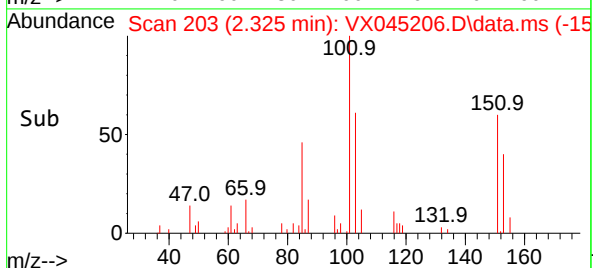
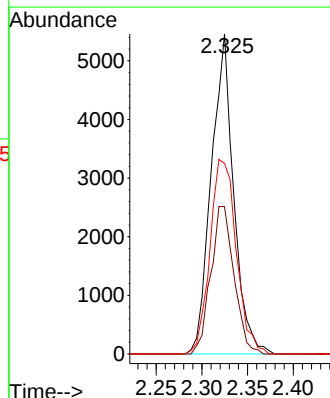
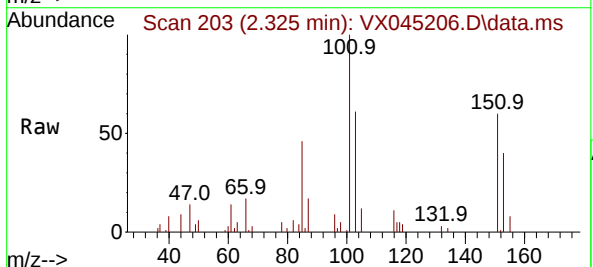
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306

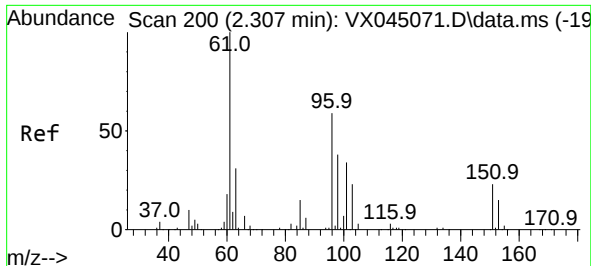
Tgt Ion:168 Resp: 72172
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.073 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045206.D
Acq: 10 Mar 2025 19:07

Tgt Ion:101 Resp: 9288
Ion Ratio Lower Upper
101 100
85 47.9 36.2 54.4
151 71.6 56.4 84.6





#12

1,1-Dichloroethene

Concen: 1.733 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045206.D

Acq: 10 Mar 2025 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20250306

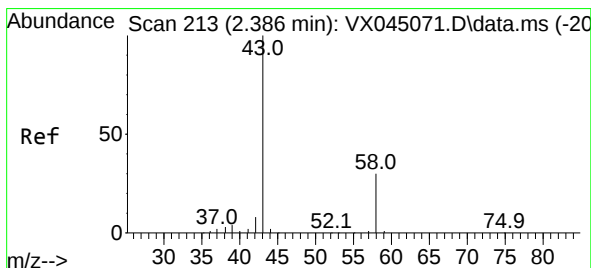
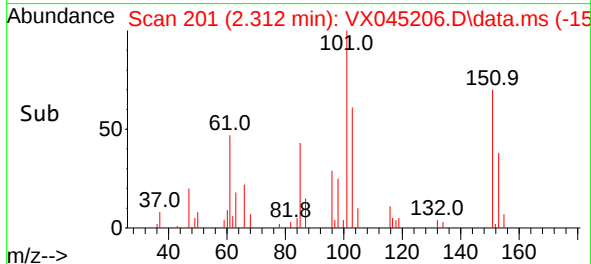
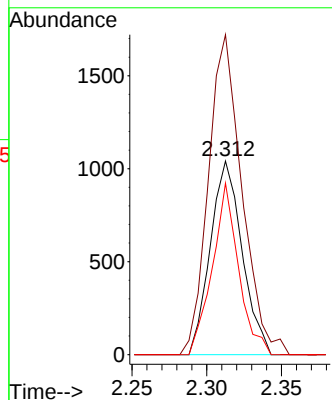
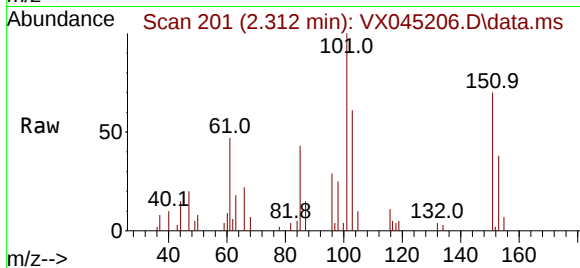
Tgt Ion: 96 Resp: 1537

Ion Ratio Lower Upper

96 100

61 165.3 134.6 202.0

98 88.6 51.0 76.6#



#16

Acetone

Concen: 1.802 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045206.D

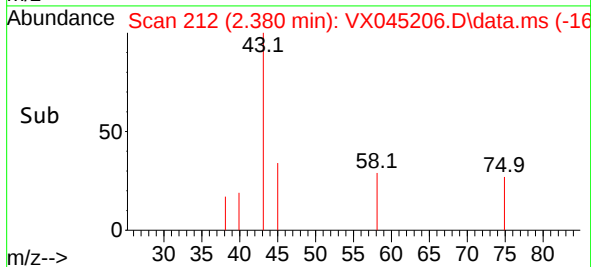
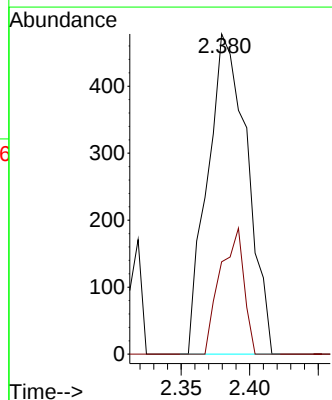
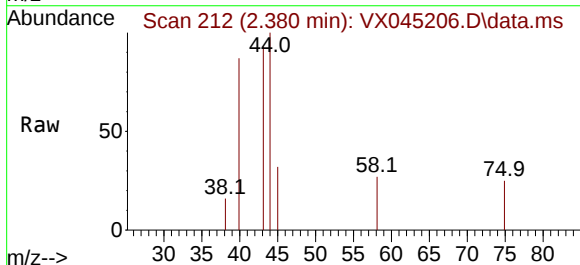
Acq: 10 Mar 2025 19:07

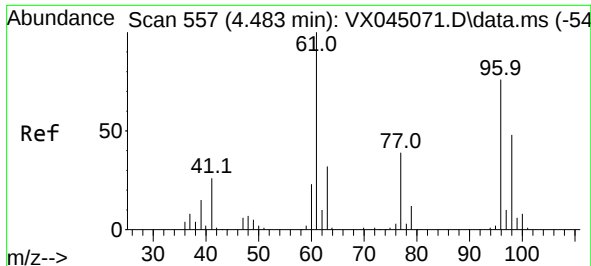
Tgt Ion: 43 Resp: 960

Ion Ratio Lower Upper

43 100

58 28.9 24.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 1.656 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045206.D

Acq: 10 Mar 2025 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20250306

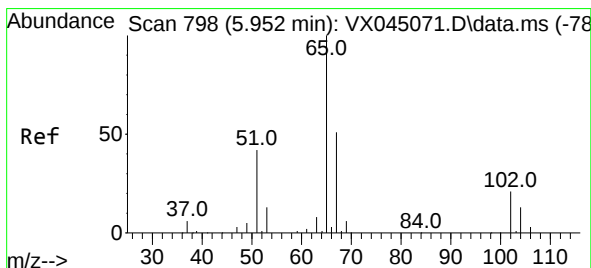
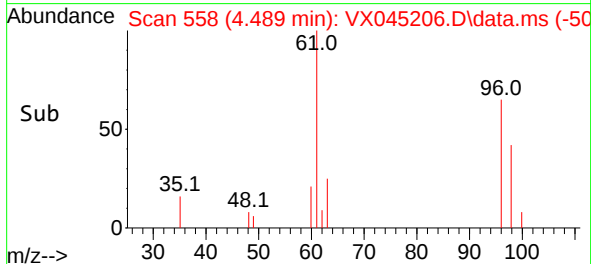
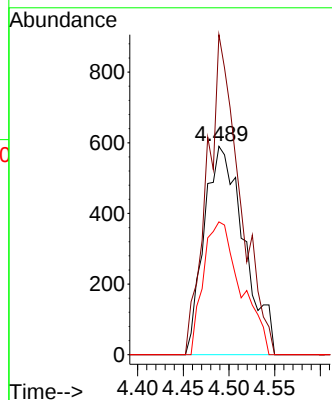
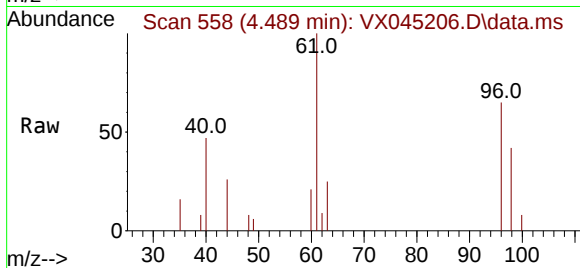
Tgt Ion: 96 Resp: 1791

Ion Ratio Lower Upper

96 100

61 126.1 0.0 283.2

98 59.9 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 53.529 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045206.D

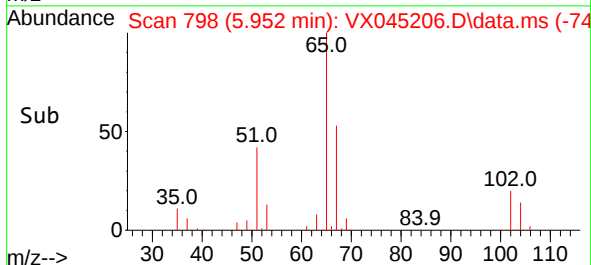
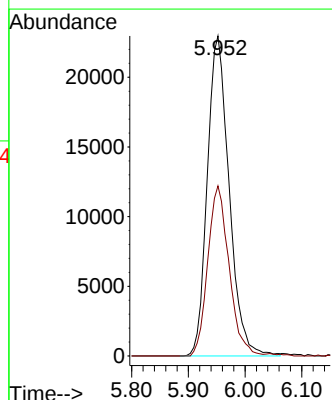
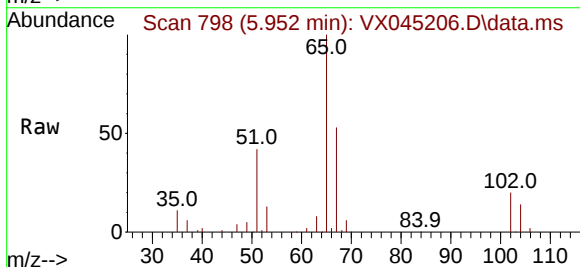
Acq: 10 Mar 2025 19:07

Tgt Ion: 65 Resp: 61451

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2

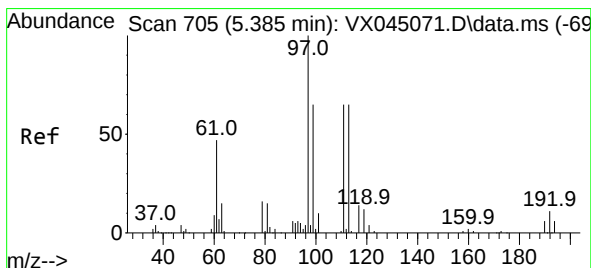
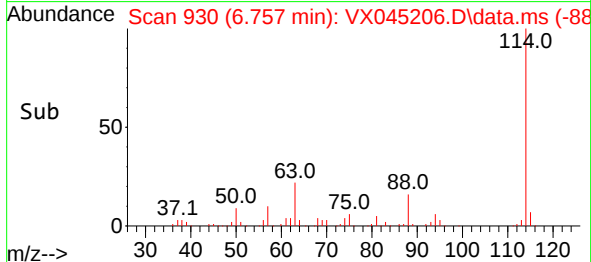
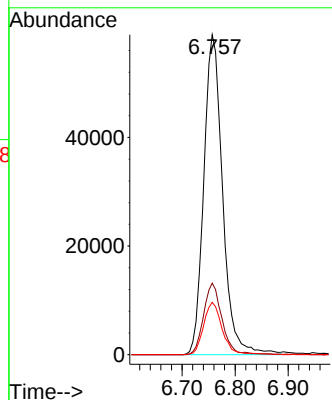
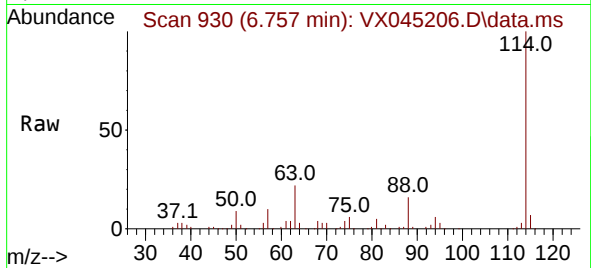




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045206.D
Acq: 10 Mar 2025 19:07

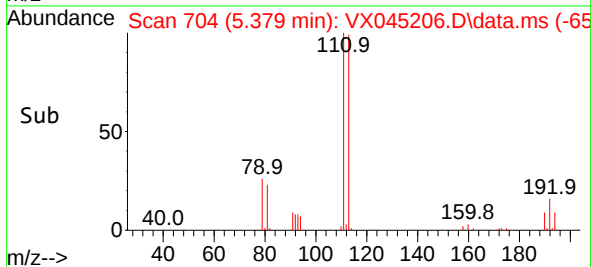
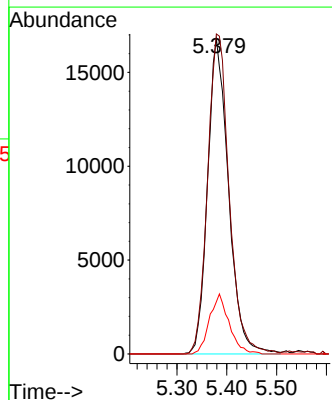
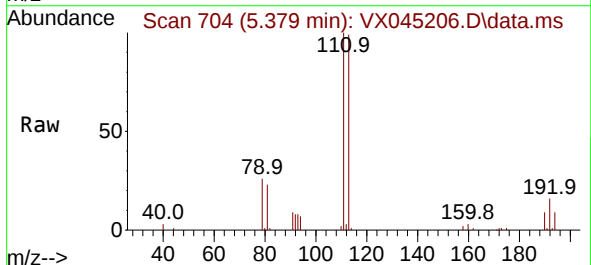
Instrument :
MSVOA_X
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RE103D1-20250306

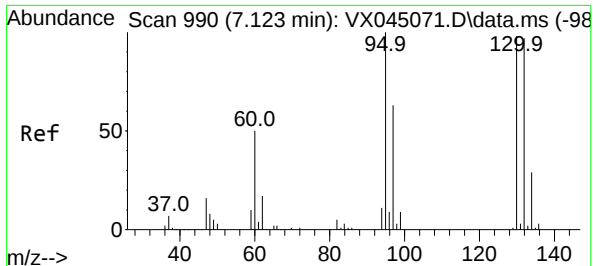
Tgt Ion:	114	Resp:	145463
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.8
88	16.3	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.343 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045206.D
Acq: 10 Mar 2025 19:07

Tgt Ion:	113	Resp:	48967
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.8	122.6
192	17.9	14.3	21.5

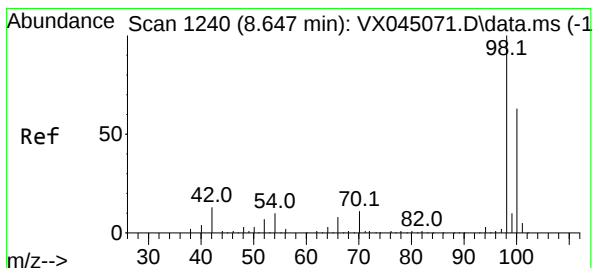
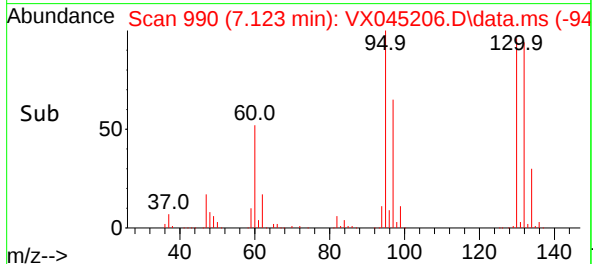
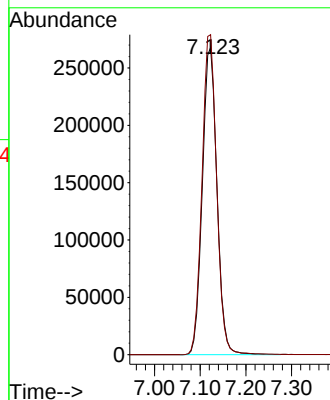
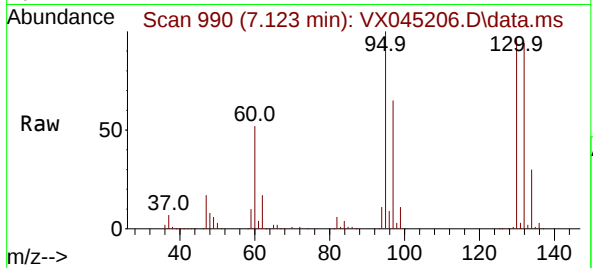




#44
Trichloroethene
Concen: 603.479 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045206.D
Acq: 10 Mar 2025 19:07

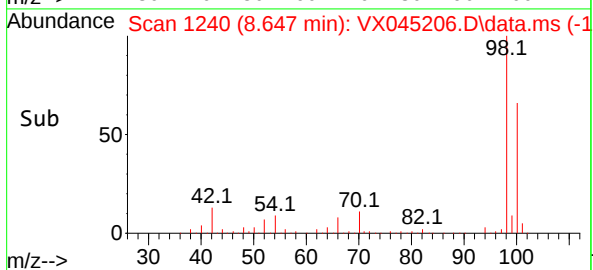
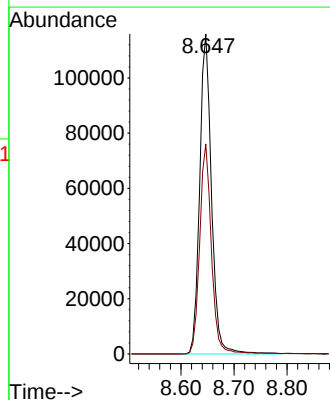
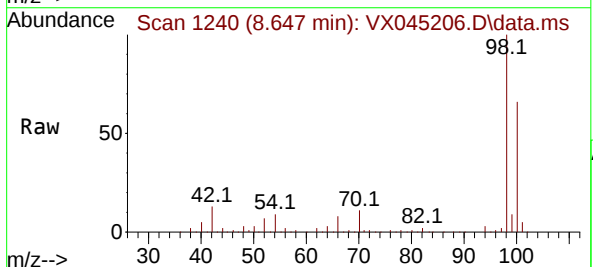
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306

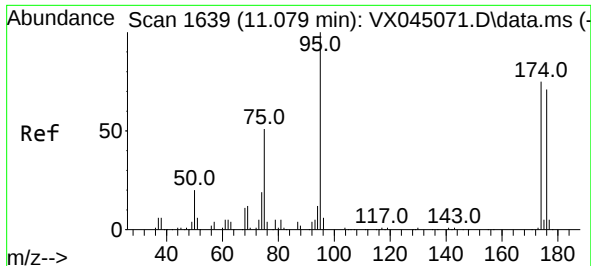
Tgt Ion:130 Resp: 596882
Ion Ratio Lower Upper
130 100
95 104.2 0.0 205.0



#50
Toluene-d8
Concen: 50.895 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045206.D
Acq: 10 Mar 2025 19:07

Tgt Ion: 98 Resp: 179471
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.791 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045206.D

Acq: 10 Mar 2025 19:07

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20250306

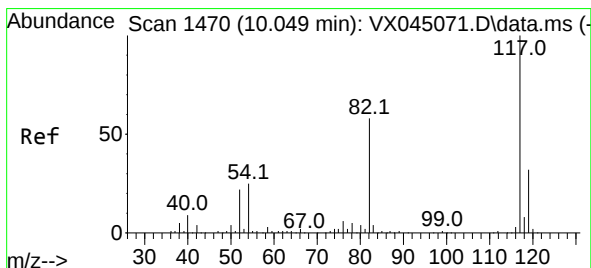
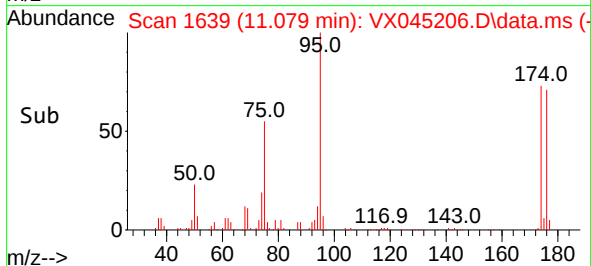
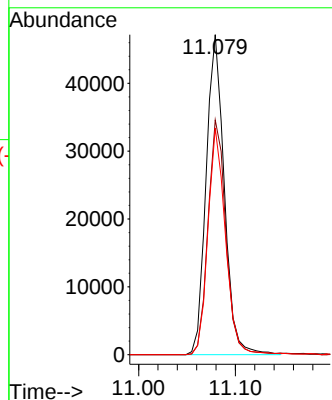
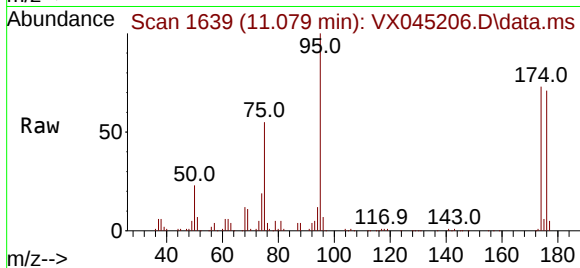
Tgt Ion: 95 Resp: 61687

Ion Ratio Lower Upper

95 100

174 72.2 0.0 148.2

176 68.6 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: VX045206.D

Acq: 10 Mar 2025 19:07

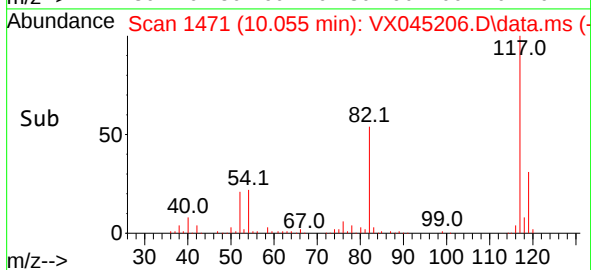
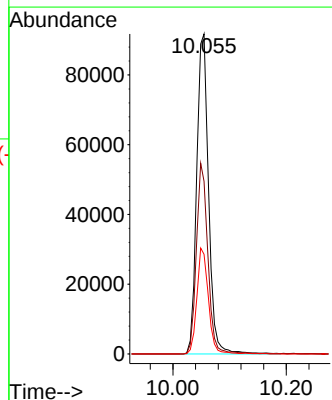
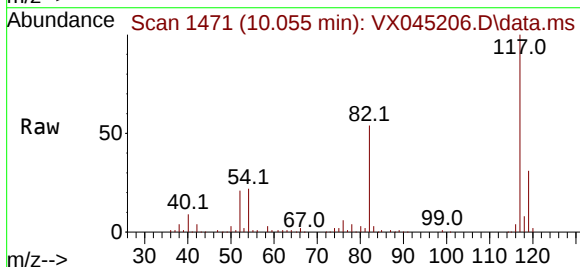
Tgt Ion: 117 Resp: 133283

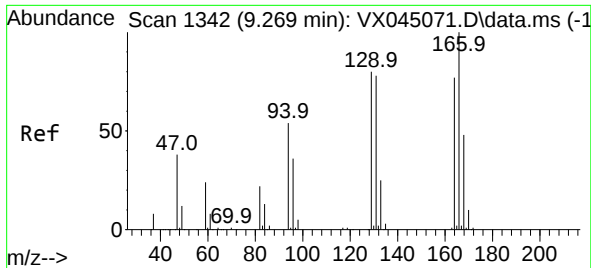
Ion Ratio Lower Upper

117 100

82 54.0 46.3 69.5

119 31.1 25.7 38.5

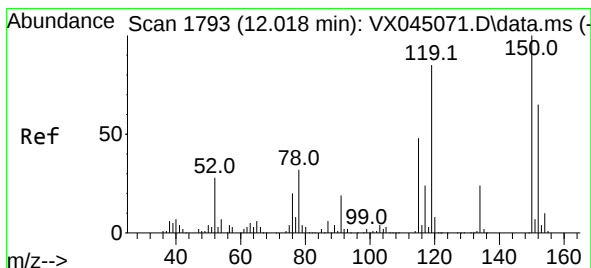
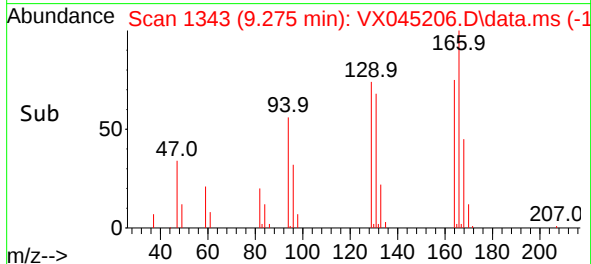
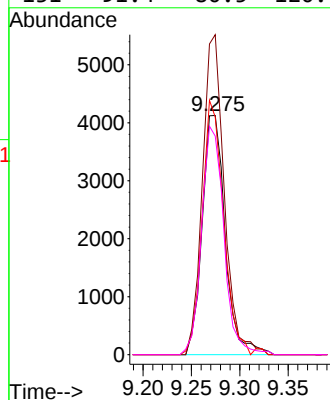
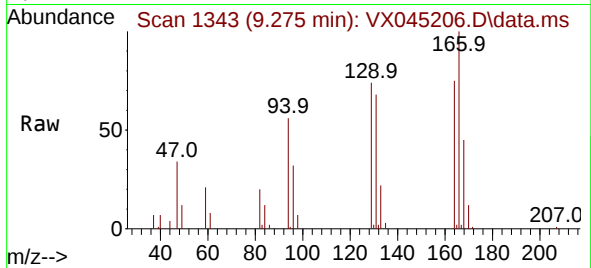




#64
Tetrachloroethene
Concen: 7.968 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045206.D
Acq: 10 Mar 2025 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250306

Tgt Ion:164	Resp:	6802
Ion	Ratio	Lower Upper
164	100	
166	133.8	103.6 155.4
129	99.3	82.7 124.1
131	91.4	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: VX045206.D
Acq: 10 Mar 2025 19:07

Tgt Ion:152	Resp:	54358
Ion	Ratio	Lower Upper
152	100	
115	62.1	44.2 132.6
150	158.1	0.0 349.0

