

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045395.D
 Acq On : 21 Mar 2025 17:58
 Operator : JC/MD
 Sample : Q1608-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20250317

Quant Time: Mar 22 02:16:49 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)

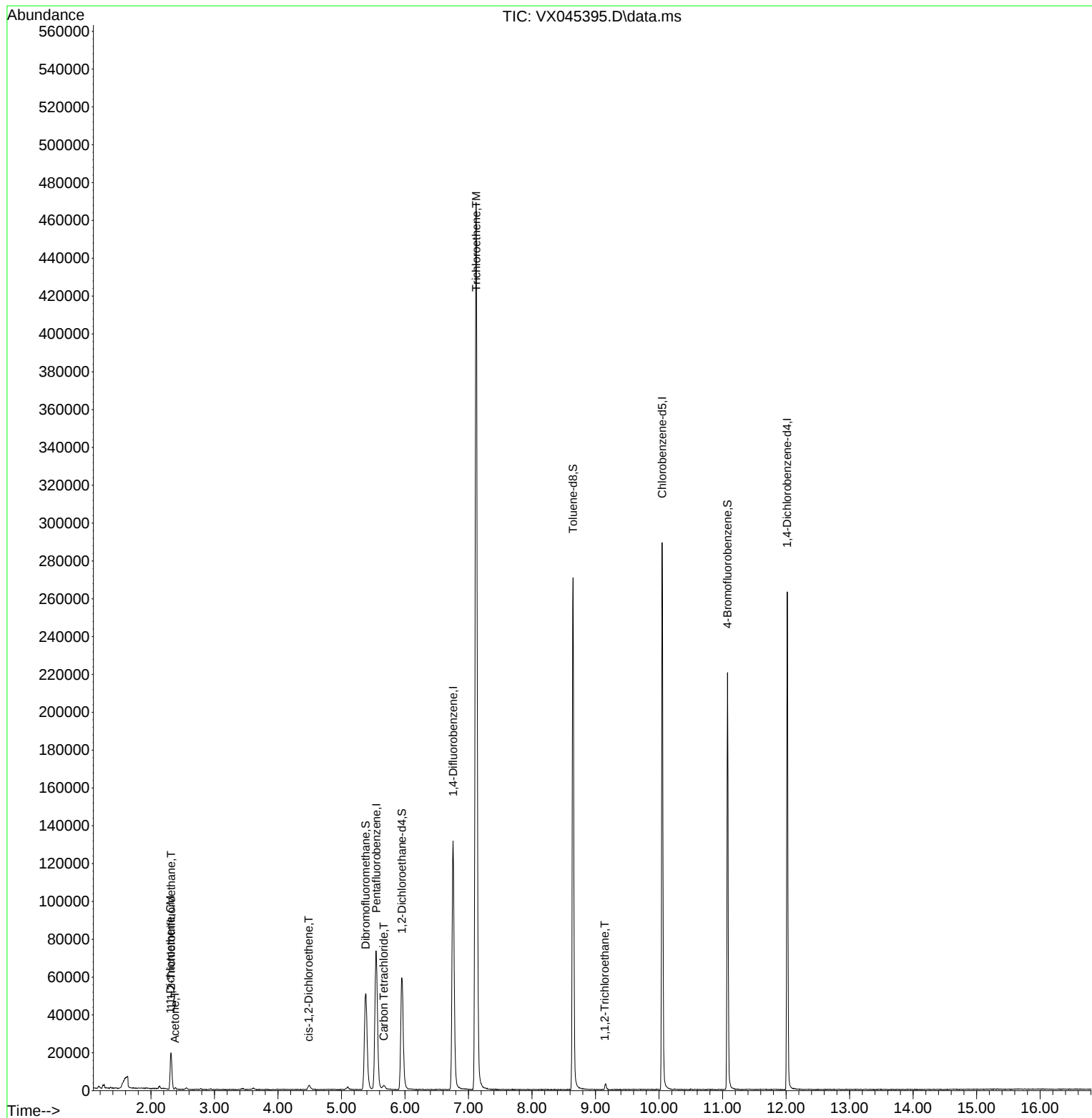
Internal Standards						
1) Pentafluorobenzene	5.550	168	64859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60475	58.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.240%	
35) Dibromofluoromethane	5.379	113	45469	53.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.340%	
50) Toluene-d8	8.647	98	159439	51.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	11.079	95	56422	55.441	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.880%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	4830	6.407	ug/l	98
12) 1,1-Dichloroethene	2.306	96	2902	3.641	ug/l	92
16) Acetone	2.379	43	766	1.600	ug/l #	77
27) cis-1,2-Dichloroethene	4.483	96	1453	1.495	ug/l	94
38) Carbon Tetrachloride	5.665	117	1758	1.491	ug/l #	76
44) Trichloroethene	7.123	130	173186	201.048	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	866	0.977	ug/l #	77

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

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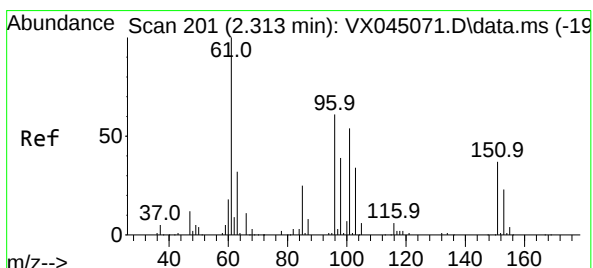
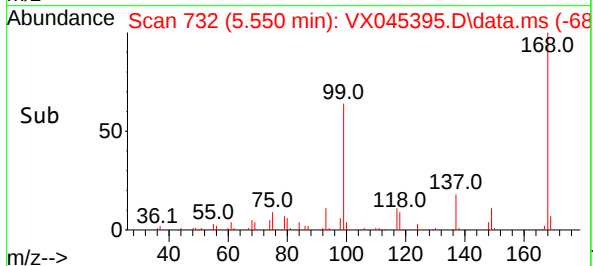
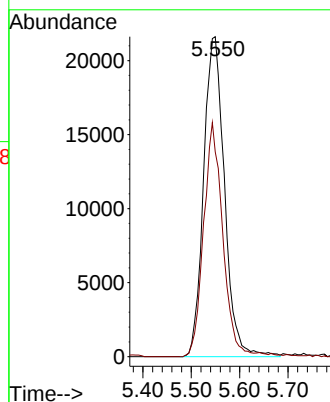
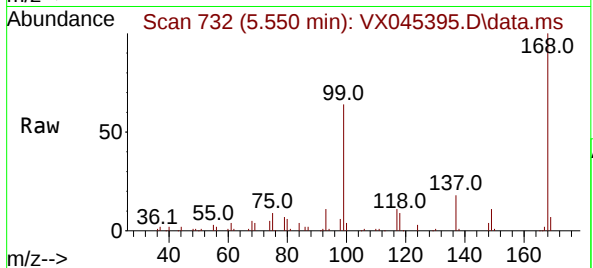




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

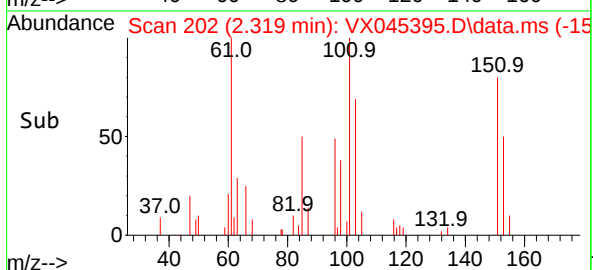
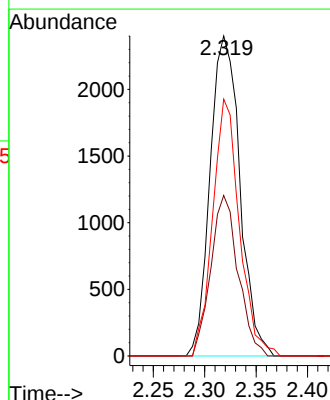
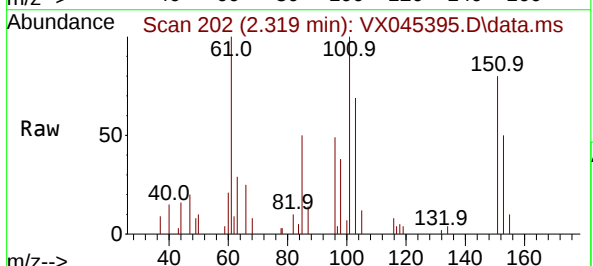
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20250317

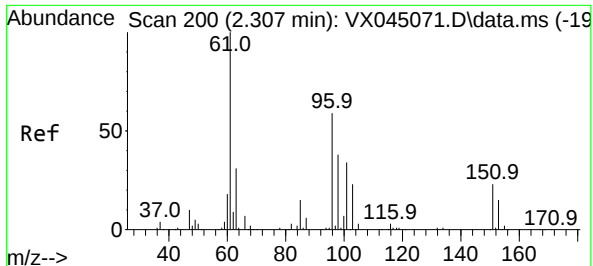
Tgt Ion:168 Resp: 64859
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.407 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

Tgt Ion:101 Resp: 4830
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 72.1 56.4 84.6





#12

1,1-Dichloroethene

Concen: 3.641 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045395.D

Acq: 21 Mar 2025 17:58

Instrument :

MSVOA_X

ClientSampleId :

RE139D1-20250317

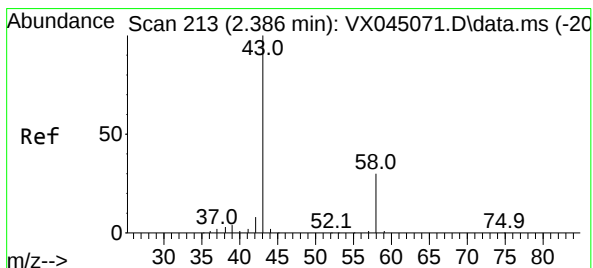
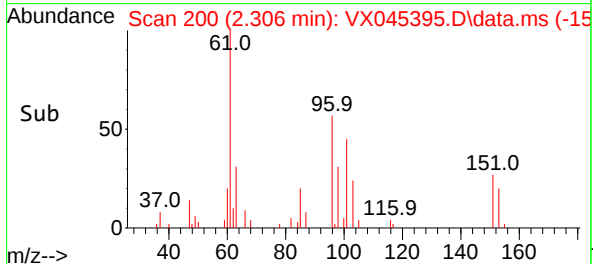
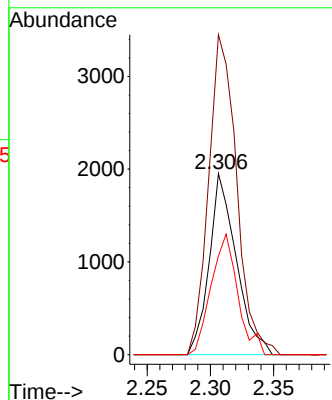
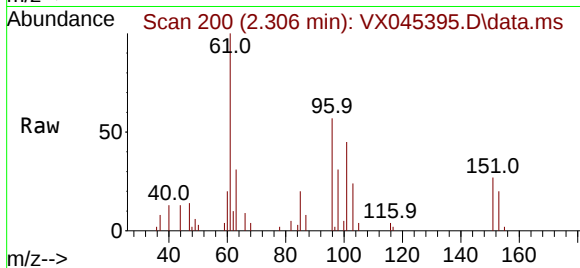
Tgt Ion: 96 Resp: 2902

Ion Ratio Lower Upper

96 100

61 176.7 134.6 202.0

98 54.5 51.0 76.6



#16

Acetone

Concen: 1.600 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045395.D

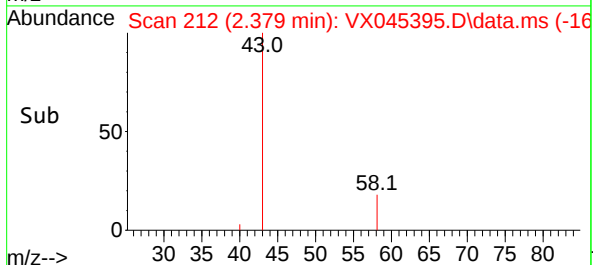
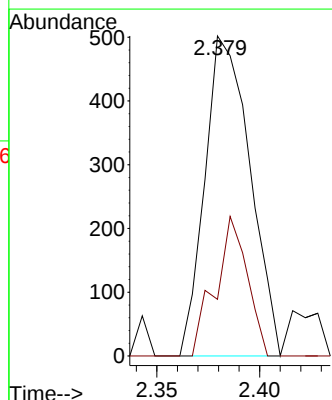
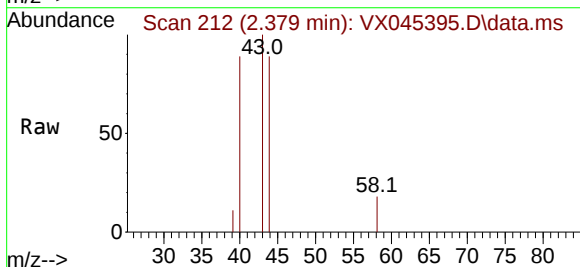
Acq: 21 Mar 2025 17:58

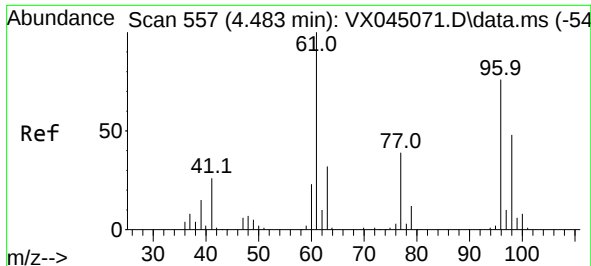
Tgt Ion: 43 Resp: 766

Ion Ratio Lower Upper

43 100

58 17.7 24.2 36.4#

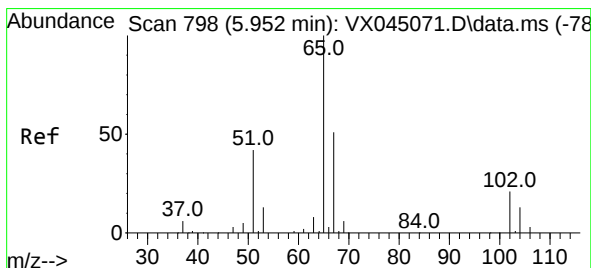
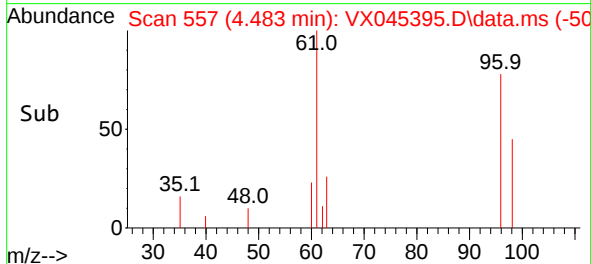
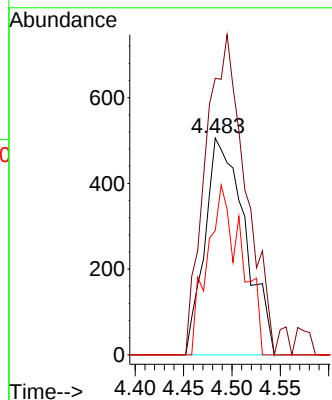
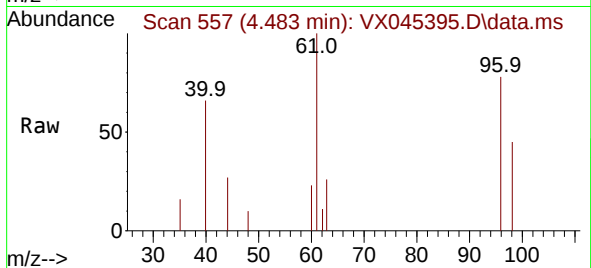




#27
 cis-1,2-Dichloroethene
 Concen: 1.495 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045395.D
 Acq: 21 Mar 2025 17:58

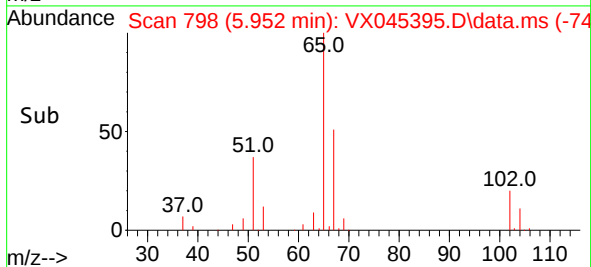
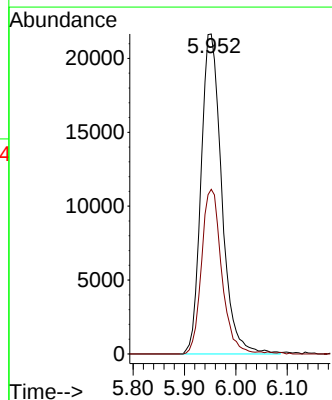
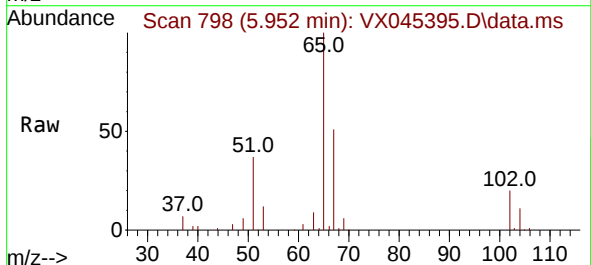
Instrument :
 MSVOA_X
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 RE139D1-20250317

Tgt Ion:	96	Resp:	1453
Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	283.2
98	67.7	0.0	128.0



#33
 1,2-Dichloroethane-d4
 Concen: 58.618 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045395.D
 Acq: 21 Mar 2025 17:58

Tgt Ion:	65	Resp:	60475
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	106.2

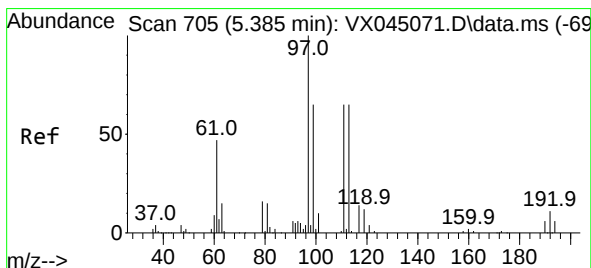
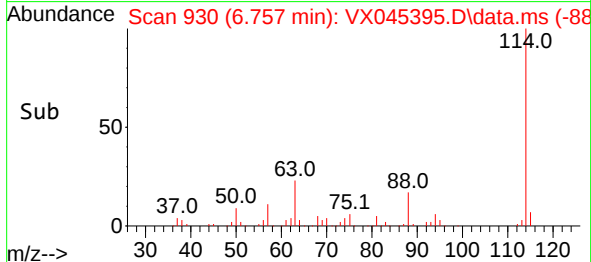
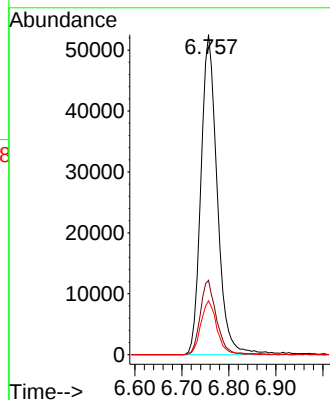
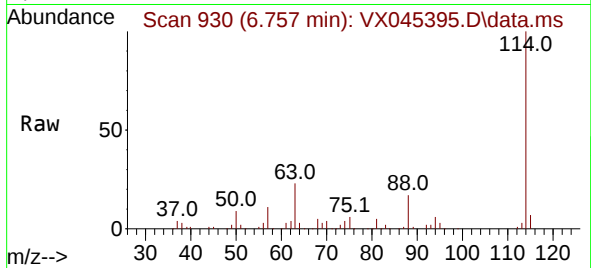




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

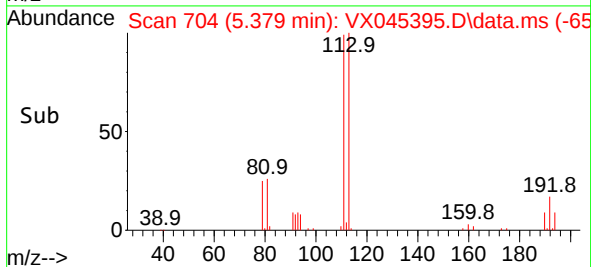
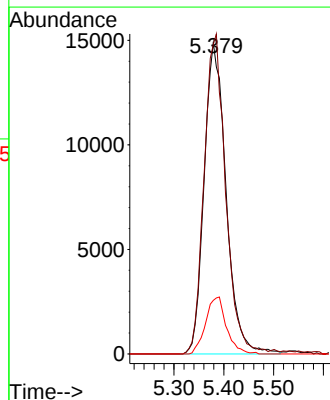
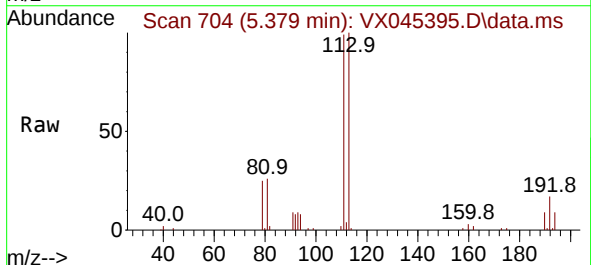
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20250317

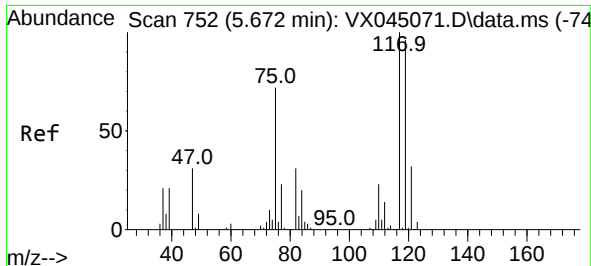
Tgt Ion:114 Resp: 126689
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.674 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

Tgt Ion:113 Resp: 45469
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.6
192 17.4 14.3 21.5

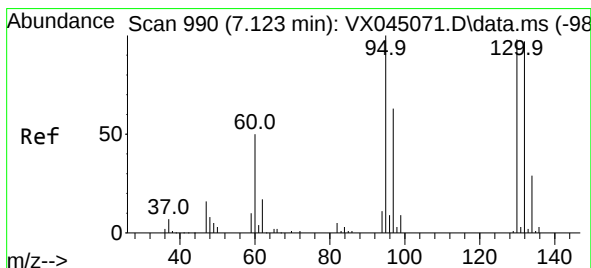
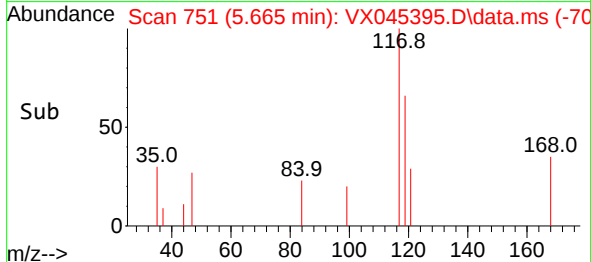
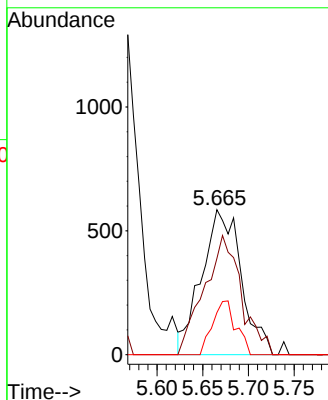
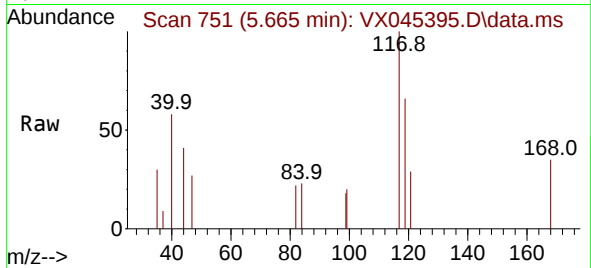




#38
Carbon Tetrachloride
Concen: 1.491 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

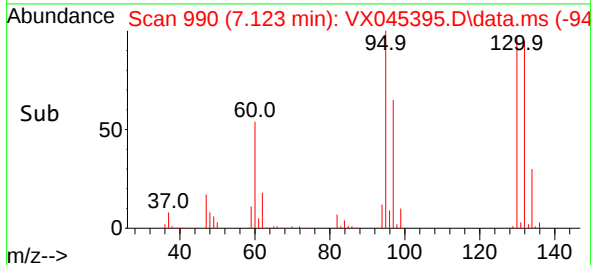
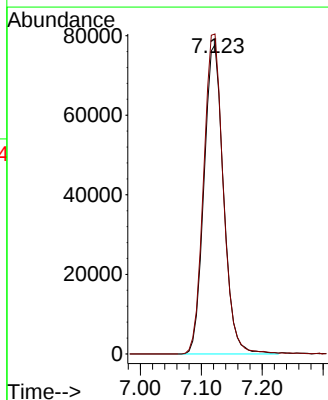
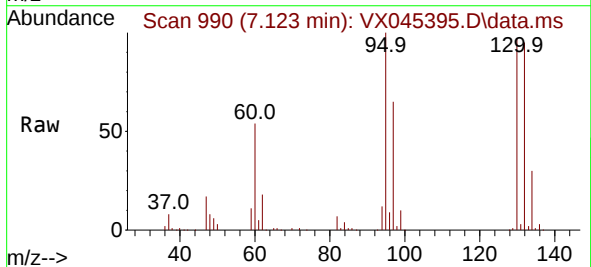
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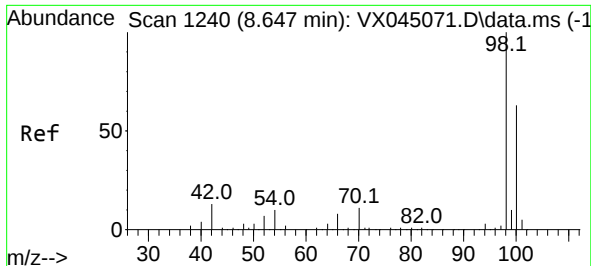
Tgt Ion:117 Resp: 1758
Ion Ratio Lower Upper
117 100
119 66.5 76.7 115.1#
121 29.1 25.5 38.3



#44
Trichloroethene
Concen: 201.048 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

Tgt Ion:130 Resp: 173186
Ion Ratio Lower Upper
130 100
95 103.5 0.0 205.0

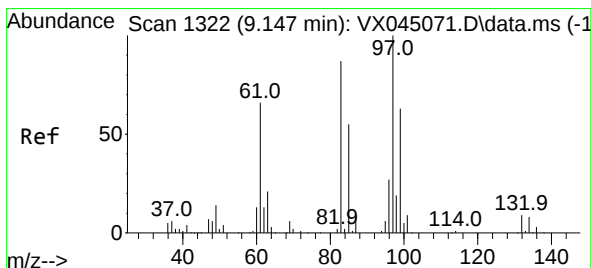
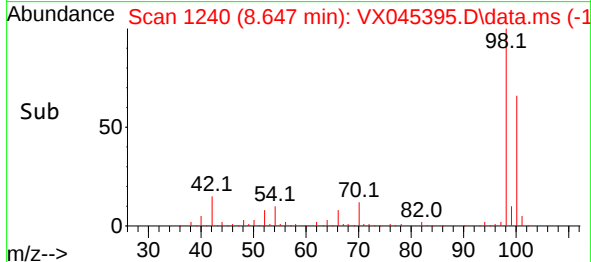
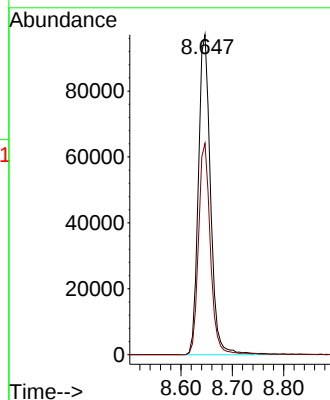
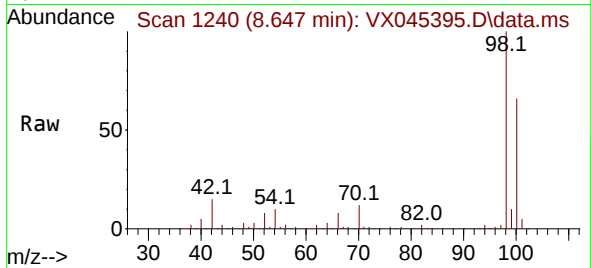




#50
Toluene-d8
Concen: 51.915 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

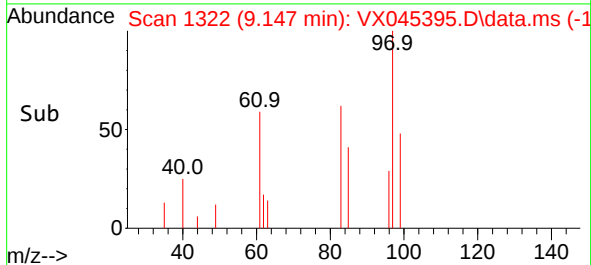
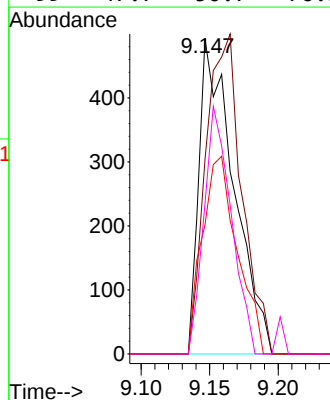
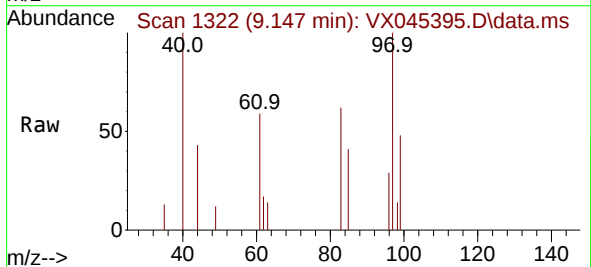
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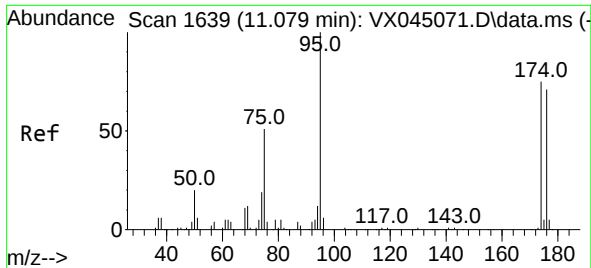
Tgt Ion: 98 Resp: 159439
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#55
1,1,2-Trichloroethane
Concen: 0.977 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

Tgt Ion: 97 Resp: 866
Ion Ratio Lower Upper
97 100
83 61.7 69.4 104.2#
85 41.0 44.1 66.1#
99 47.7 50.7 76.1#

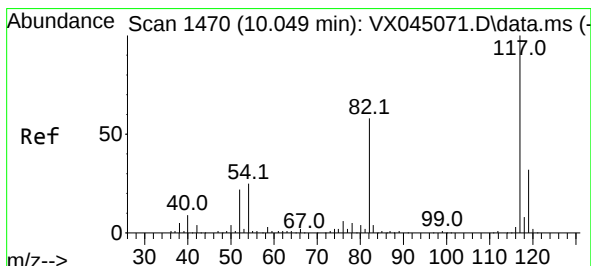
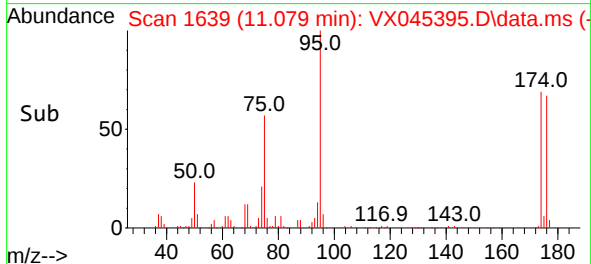
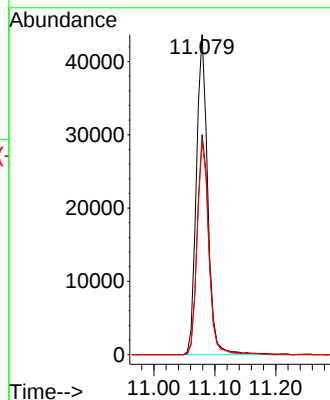
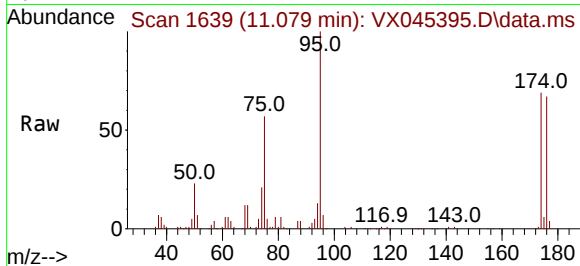




#62
4-Bromofluorobenzene
Concen: 55.441 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

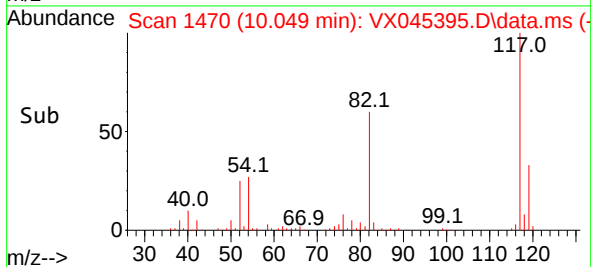
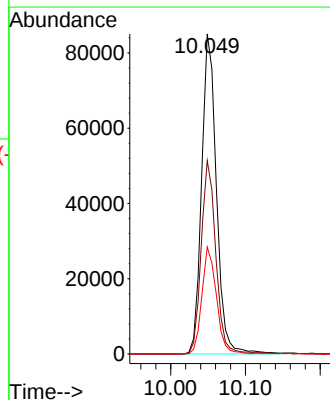
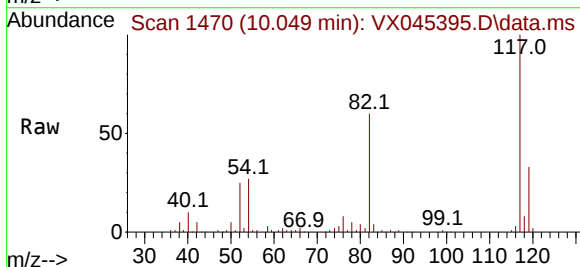
Instrument :
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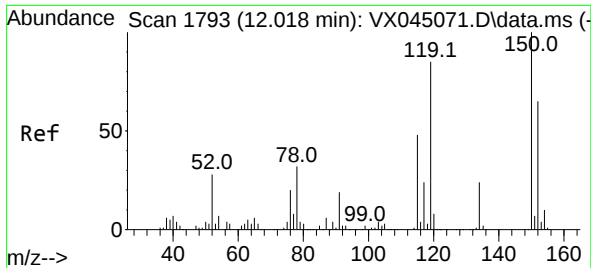
Tgt Ion: 95 Resp: 56422
Ion Ratio Lower Upper
95 100
174 70.3 0.0 148.2
176 67.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045395.D
Acq: 21 Mar 2025 17:58

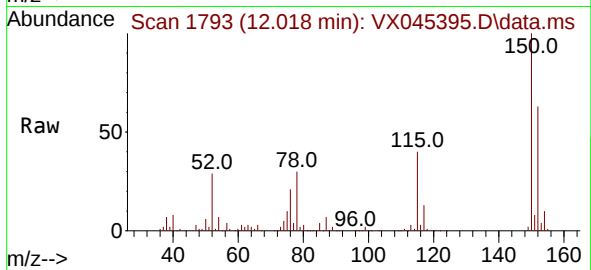
Tgt Ion: 117 Resp: 117104
Ion Ratio Lower Upper
117 100
82 60.4 46.3 69.5
119 33.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045395.D
 Acq: 21 Mar 2025 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20250317



Tgt Ion:152 Resp: 48854
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.2 132.6
 150 155.4 0.0 349.0

