

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045323.D
 Acq On : 18 Mar 2025 14:27
 Operator : JC/MD
 Sample : Q1559-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20250310

Quant Time: Mar 19 01:44:49 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)

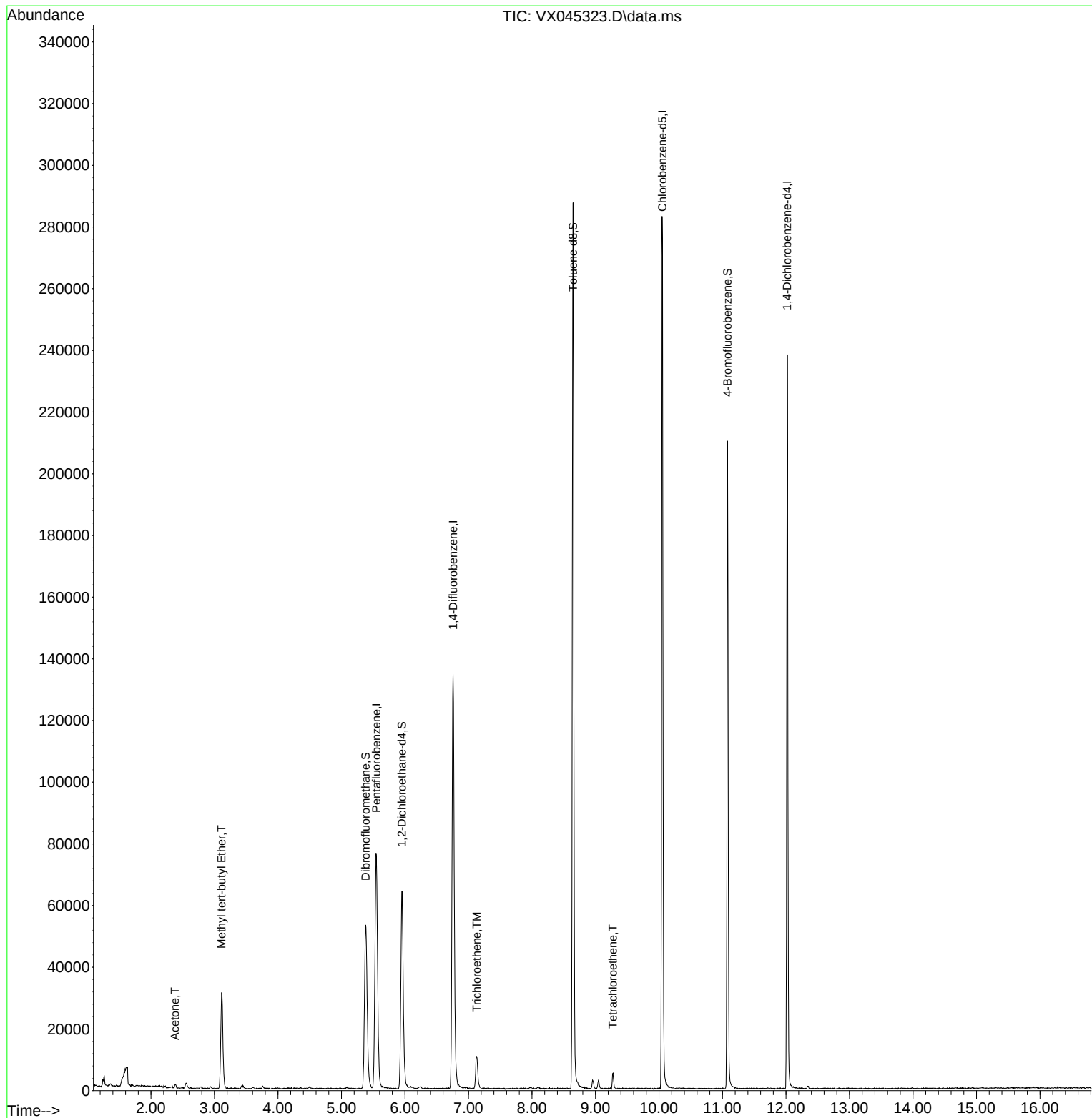
Internal Standards						
1) Pentafluorobenzene	5.550	168	68678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60251	55.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.300%
35) Dibromofluoromethane	5.379	113	46453	52.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.780%
50) Toluene-d8	8.647	98	166680	51.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.700%
62) 4-Bromofluorobenzene	11.079	95	54236	50.912	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.820%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1327	2.618	ug/l	# 85
19) Methyl tert-butyl Ether	3.111	73	32200	11.373	ug/l	97
44) Trichloroethene	7.129	130	4086	4.531	ug/l	88
64) Tetrachloroethene	9.275	164	891	1.141	ug/l	86

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

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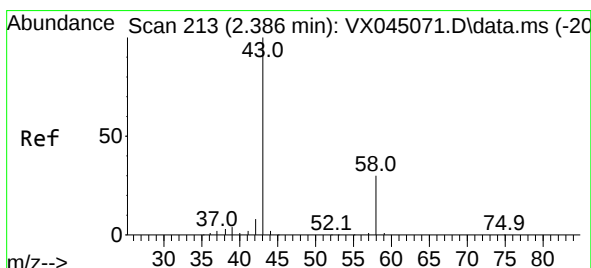
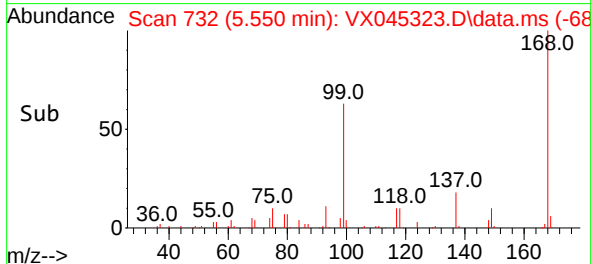
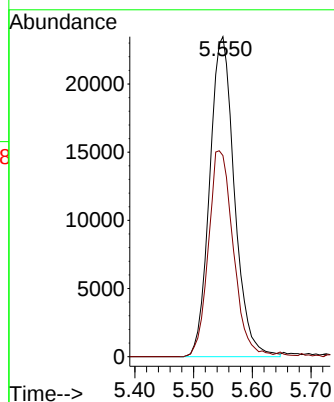
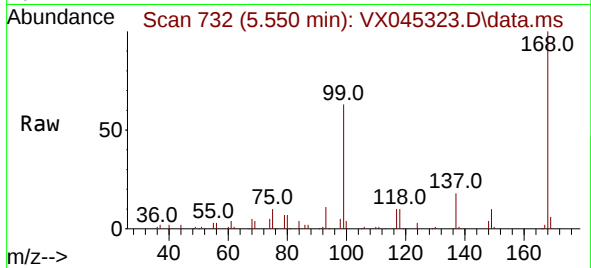




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

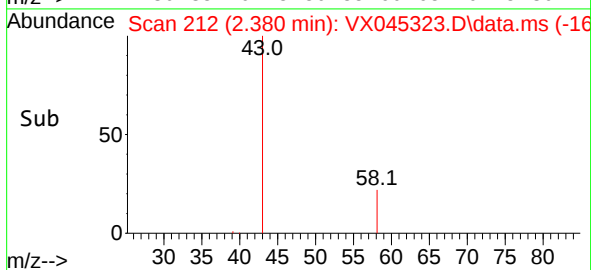
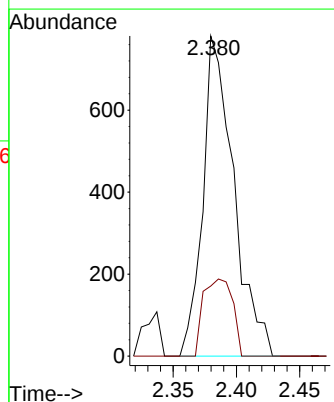
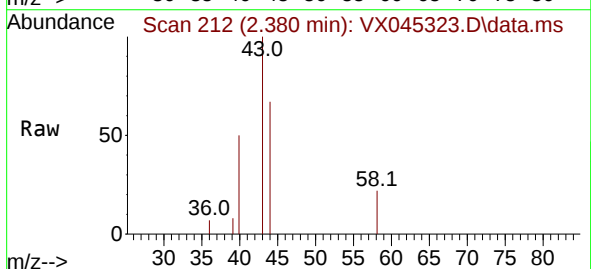
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250310

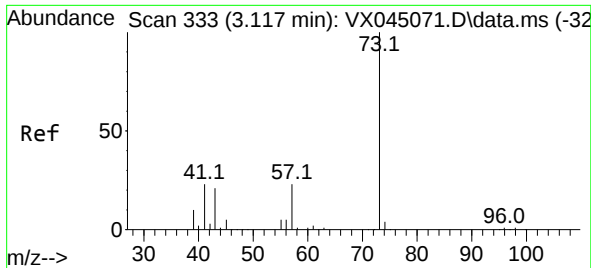
Tgt Ion:168 Resp: 68678
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#16
Acetone
Concen: 2.618 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
58 21.9 24.2 36.4#

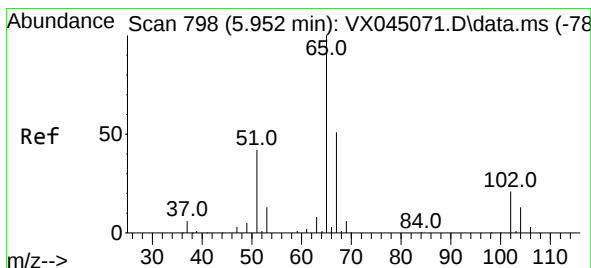
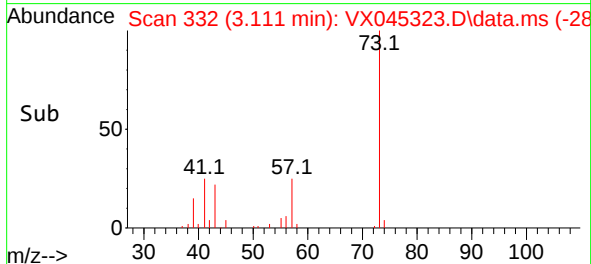
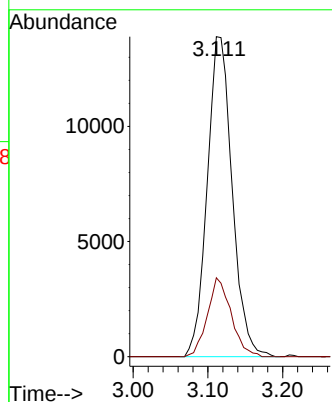
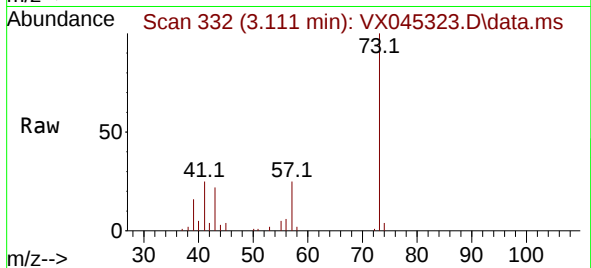




#19
Methyl tert-butyl Ether
Concen: 11.373 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

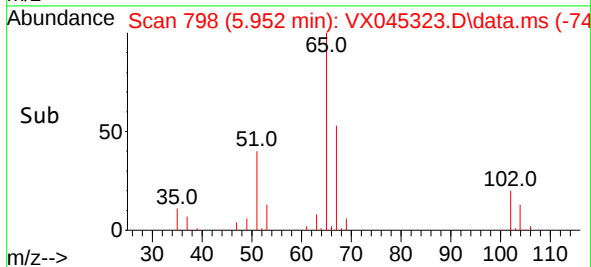
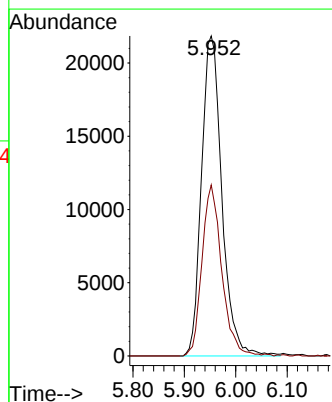
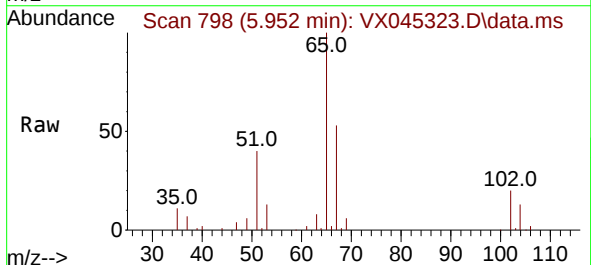
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250310

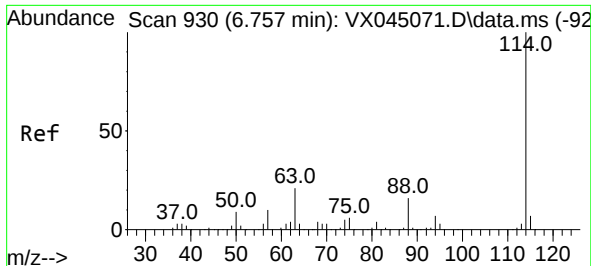
Tgt Ion: 73 Resp: 32200
Ion Ratio Lower Upper
73 100
57 24.7 18.5 27.7



#33
1,2-Dichloroethane-d4
Concen: 55.153 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

Tgt Ion: 65 Resp: 60251
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2

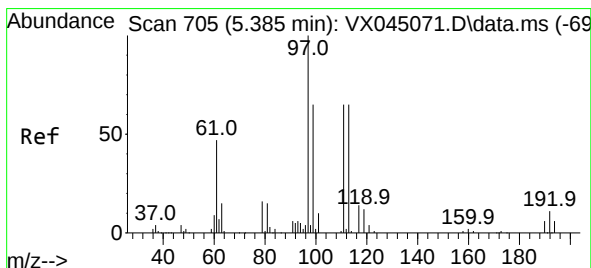
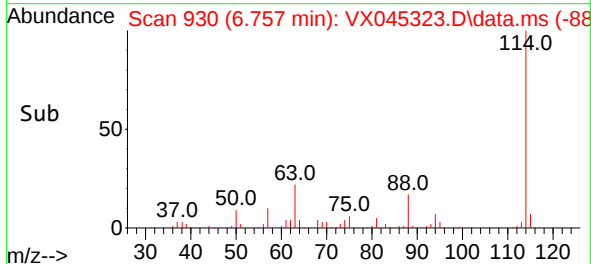
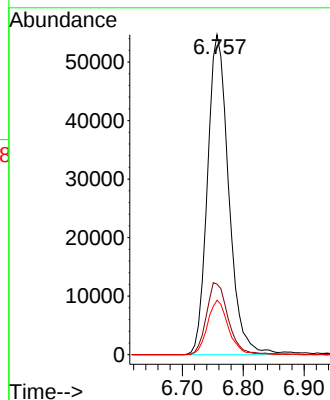
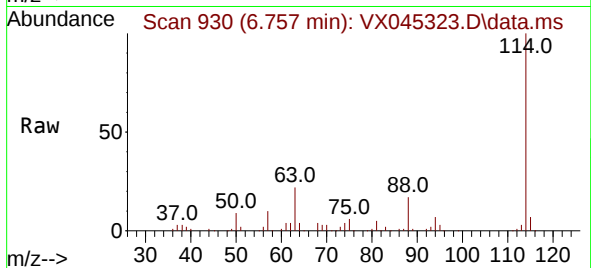




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

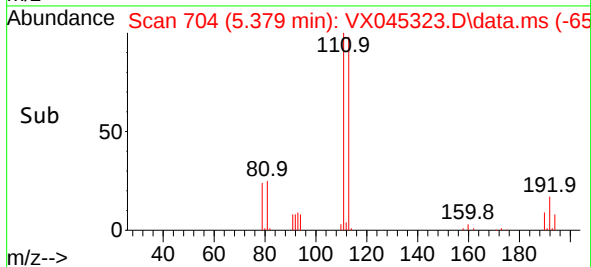
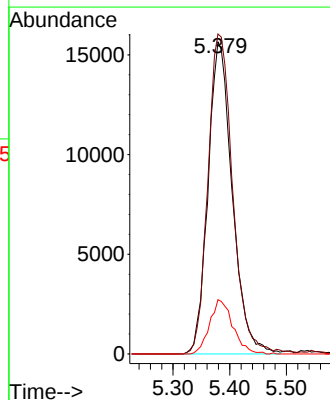
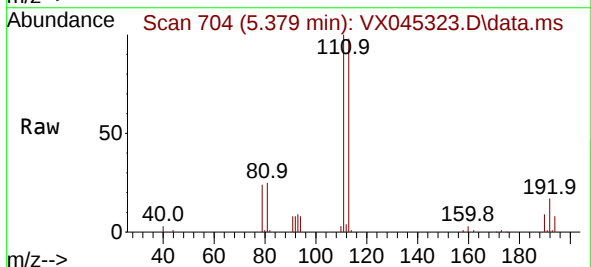
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250310

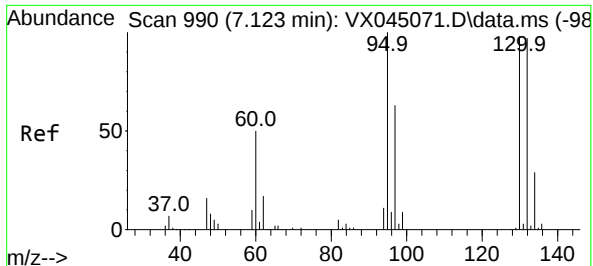
Tgt Ion:114 Resp: 132613
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.386 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

Tgt Ion:113 Resp: 46453
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.6
192 16.7 14.3 21.5

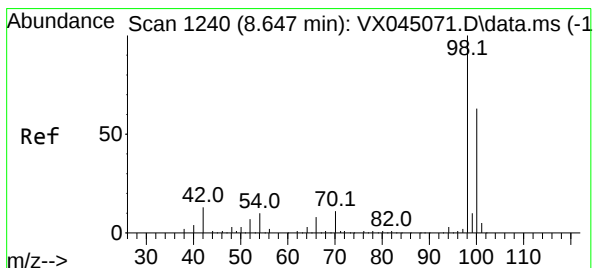
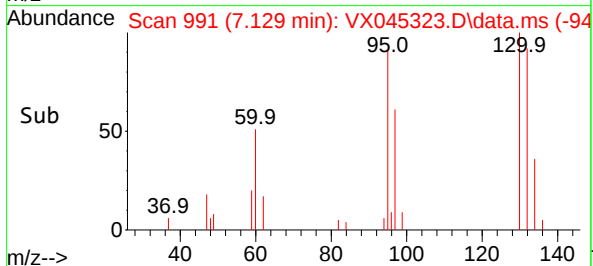
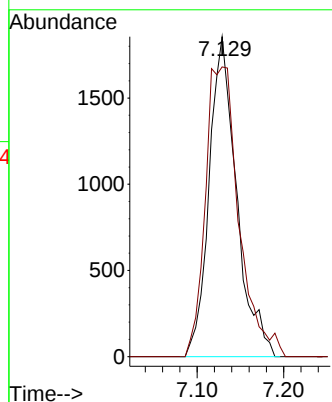
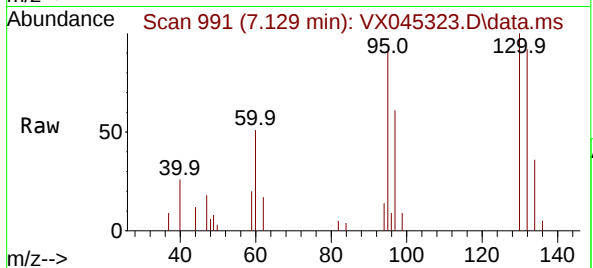




#44
 Trichloroethene
 Concen: 4.531 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX045323.D
 Acq: 18 Mar 2025 14:27

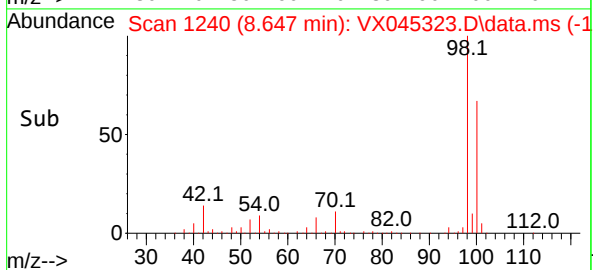
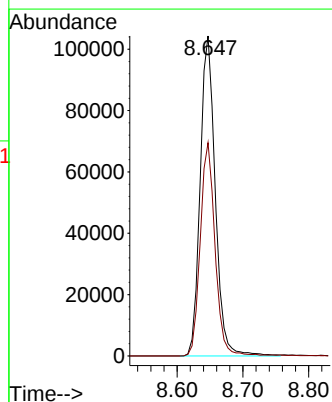
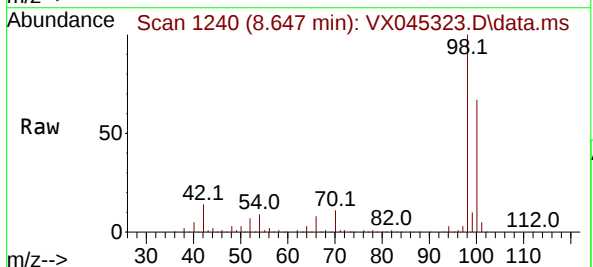
Instrument :
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 ClientSampleId :
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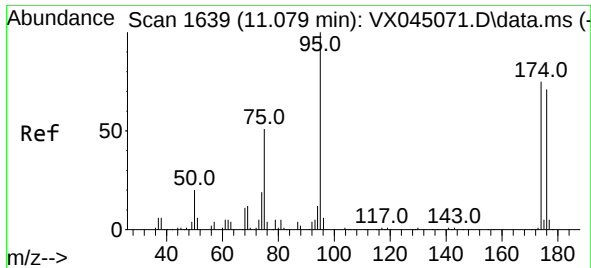
Tgt Ion:130 Resp: 4086
 Ion Ratio Lower Upper
 130 100
 95 90.6 0.0 205.0



#50
 Toluene-d8
 Concen: 51.848 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX045323.D
 Acq: 18 Mar 2025 14:27

Tgt Ion: 98 Resp: 166680
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.0 78.0

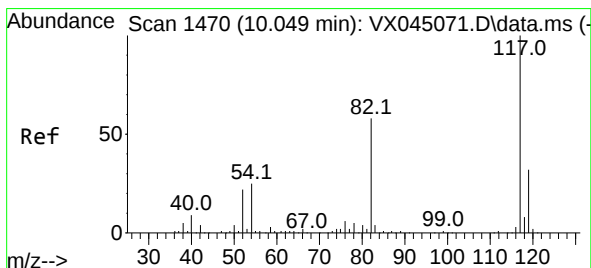
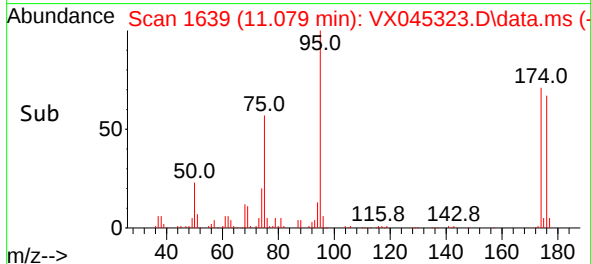
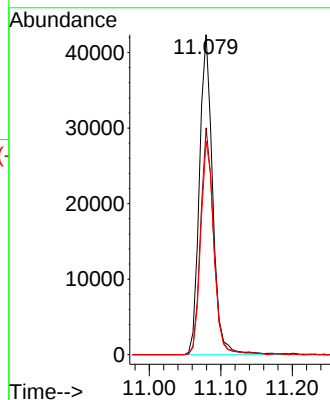
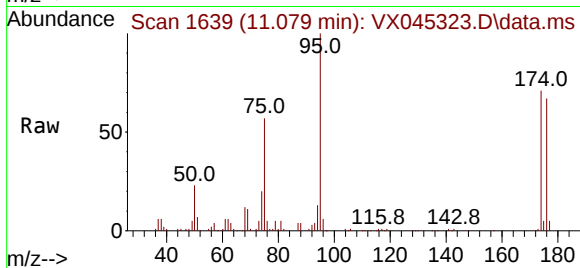




#62
4-Bromofluorobenzene
Concen: 50.912 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

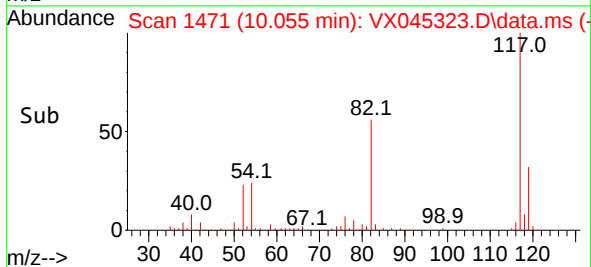
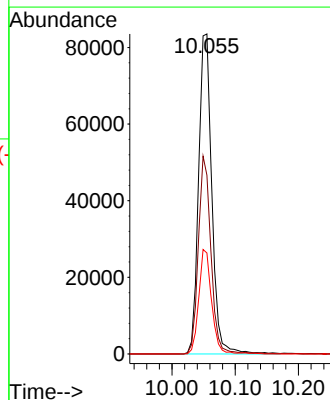
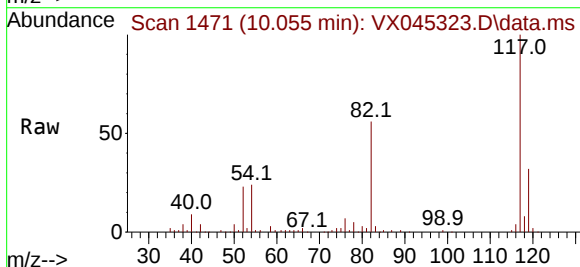
Instrument :
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ClientSampleId :
TT149S1-20250310

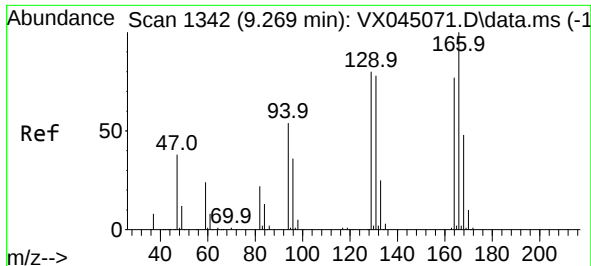
Tgt Ion: 95 Resp: 54236
Ion Ratio Lower Upper
95 100
174 70.4 0.0 148.2
176 66.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

Tgt Ion: 117 Resp: 121917
Ion Ratio Lower Upper
117 100
82 55.8 46.3 69.5
119 31.5 25.7 38.5



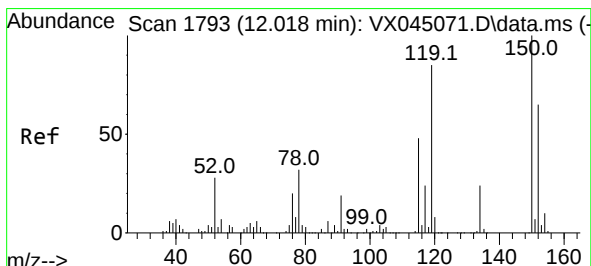
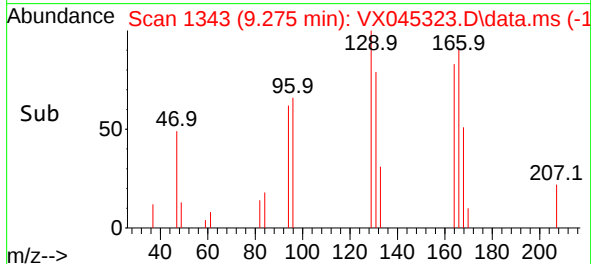
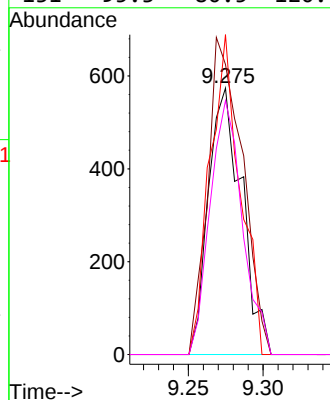
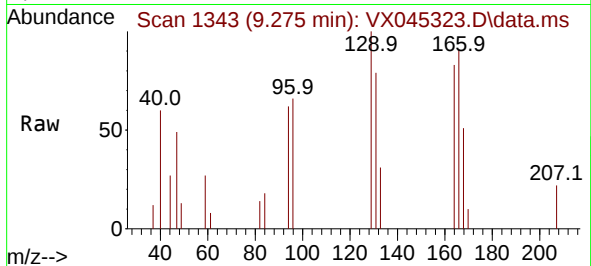


#64
Tetrachloroethene
Concen: 1.141 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045323.D
Acq: 18 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 891

Ion	Ratio	Lower	Upper
164	100		
166	108.9	103.6	155.4
129	120.0	82.7	124.1
131	95.3	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: VX045323.D
Acq: 18 Mar 2025 14:27

Tgt Ion:152 Resp: 44828

Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.2	132.6
150	155.2	0.0	349.0

