

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045398.D
 Acq On : 21 Mar 2025 19:08
 Operator : JC/MD
 Sample : Q1608-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20250317

Quant Time: Mar 21 23:20:26 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)

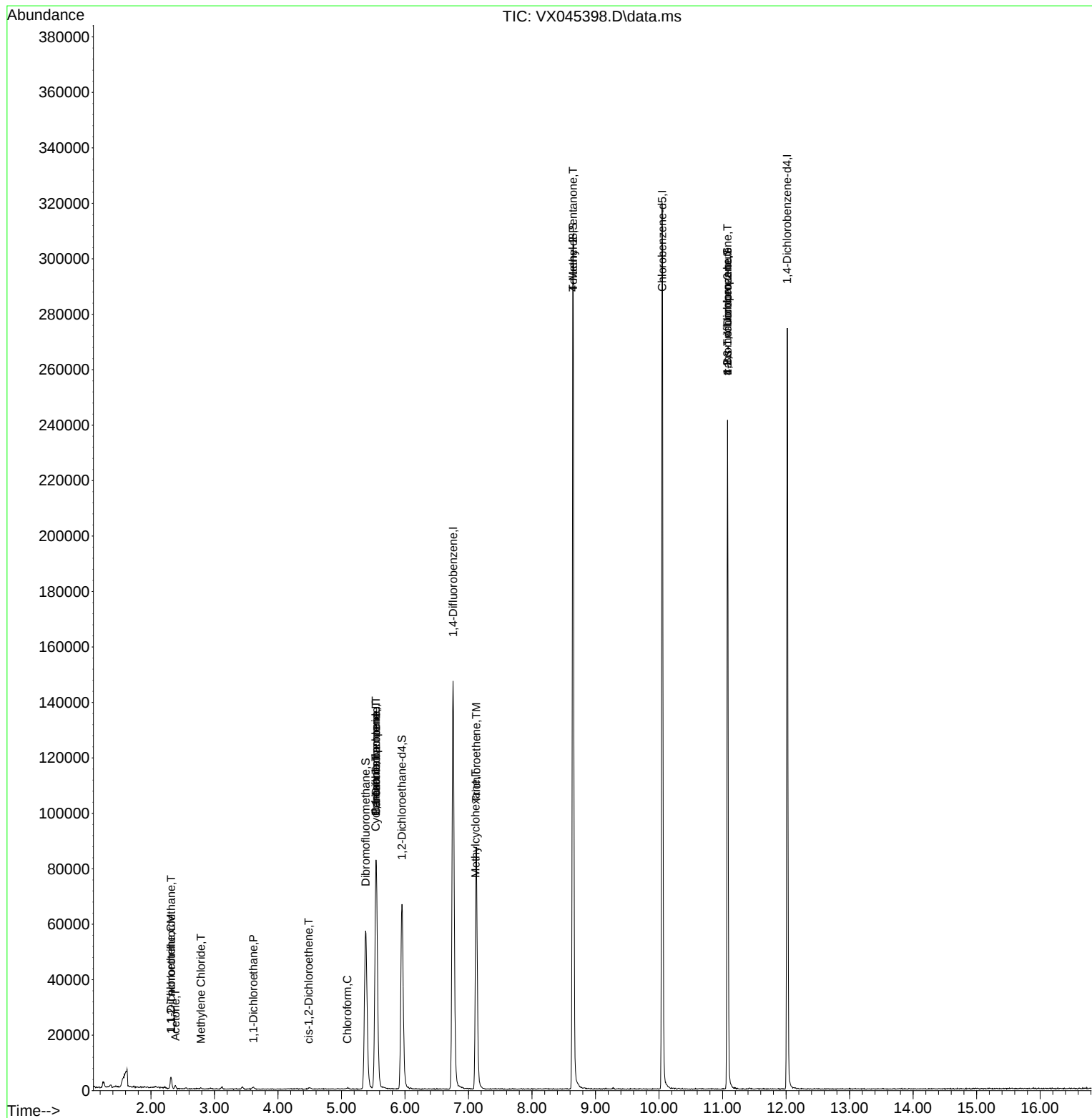
Internal Standards						
1) Pentafluorobenzene	5.544	168	72170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65922	57.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.840%	
35) Dibromofluoromethane	5.379	113	49933	52.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.140%	
50) Toluene-d8	8.647	98	180569	52.442	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	11.079	95	59987	52.575	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.160%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	866	1.032	ug/l	93
12) 1,1-Dichloroethene	2.313	96	848	0.956	ug/l	96
16) Acetone	2.386	43	1185	2.225	ug/l	99
20) Methylene Chloride	2.788	84	275	0.261	ug/l #	60
24) 1,1-Dichloroethane	3.611	63	1025	0.570	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	397	0.367	ug/l	30
30) Chloroform	5.093	83	638	0.357	ug/l	89
31) Cyclohexane	5.538	56	2109	1.350	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	7081	5.436	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8397	6.350	ug/l #	16
39) Methylcyclohexane	7.110	83	391	0.251	ug/l #	14
44) Trichloroethene	7.123	130	30751	31.841	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	975	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34271	28.953	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34271	99.082	ug/l #	6

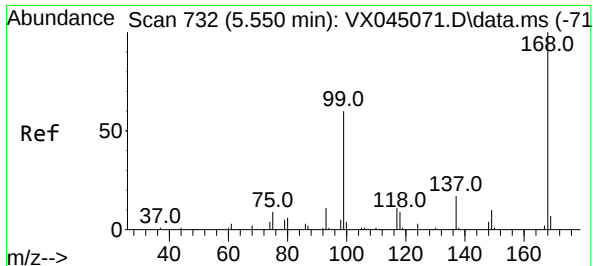
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
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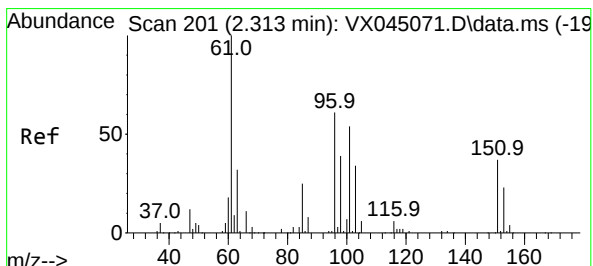
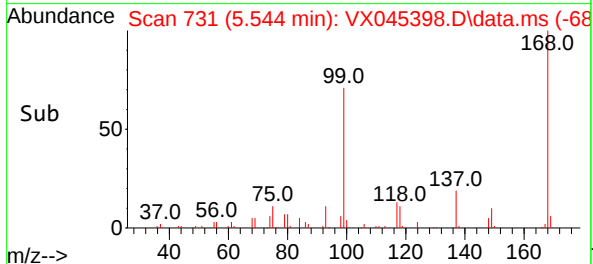
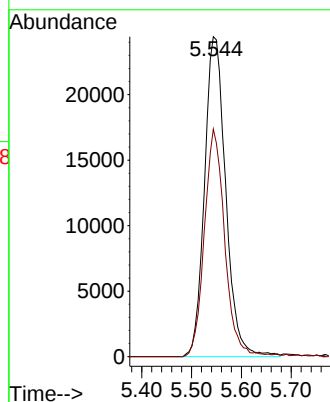
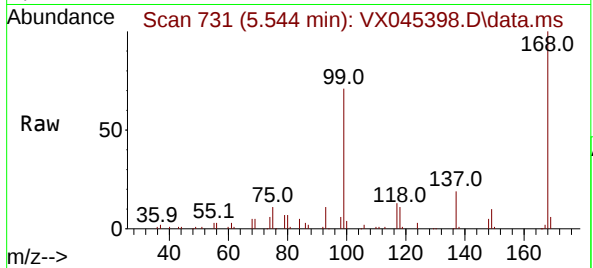




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

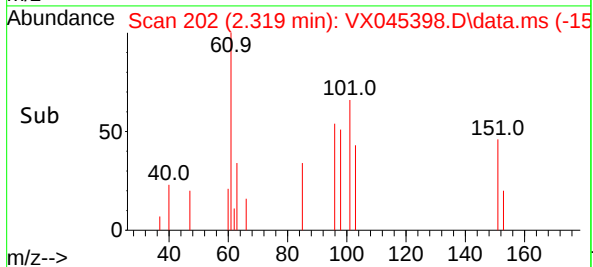
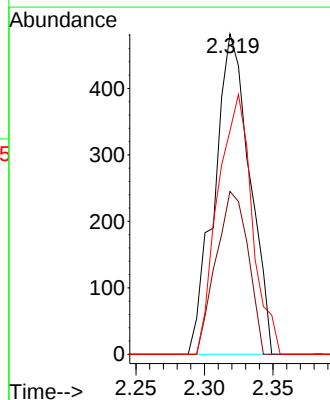
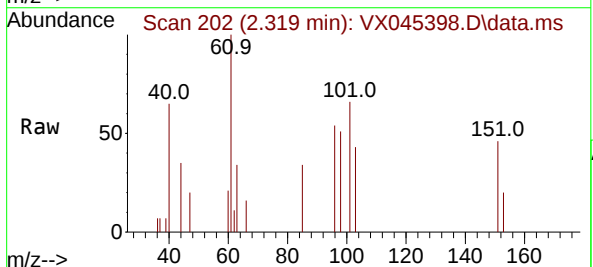
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20250317

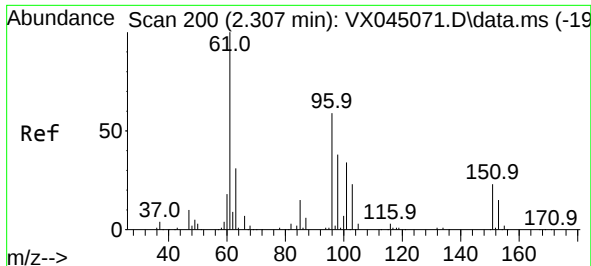
Tgt Ion:168 Resp: 72170
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.032 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion:101 Resp: 866
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 78.6 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.956 ug/l

RT: 2.313 min Scan# 200

Delta R.T. 0.006 min

Lab File: VX045398.D

Acq: 21 Mar 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20250317

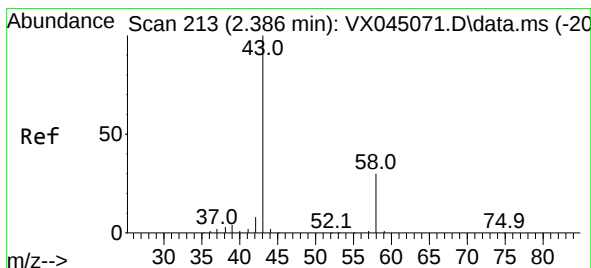
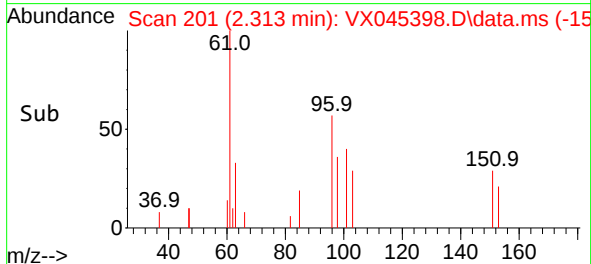
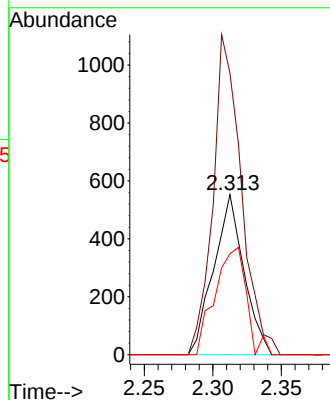
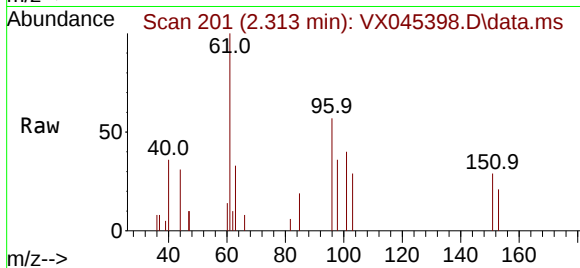
Tgt Ion: 96 Resp: 848

Ion Ratio Lower Upper

96 100

61 175.8 134.6 202.0

98 63.1 51.0 76.6



#16

Acetone

Concen: 2.225 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045398.D

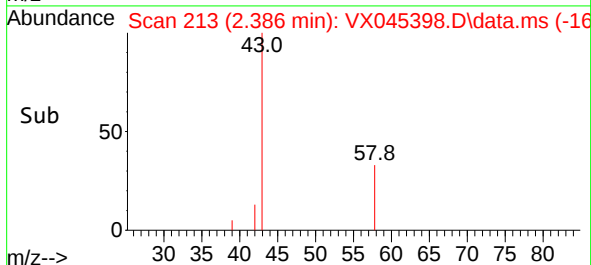
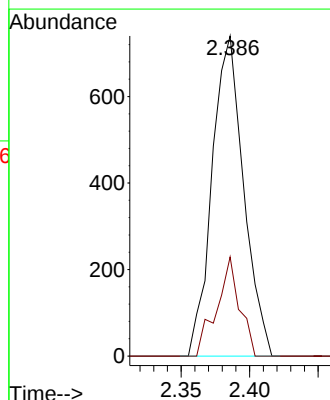
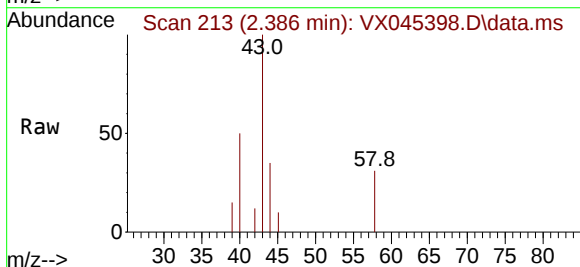
Acq: 21 Mar 2025 19:08

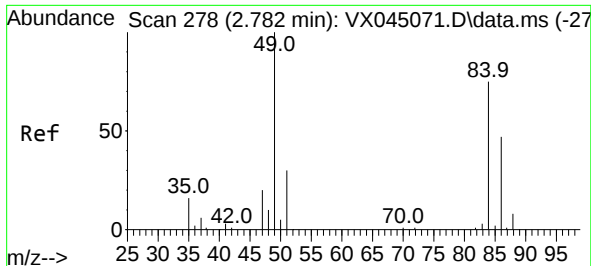
Tgt Ion: 43 Resp: 1185

Ion Ratio Lower Upper

43 100

58 30.9 24.2 36.4

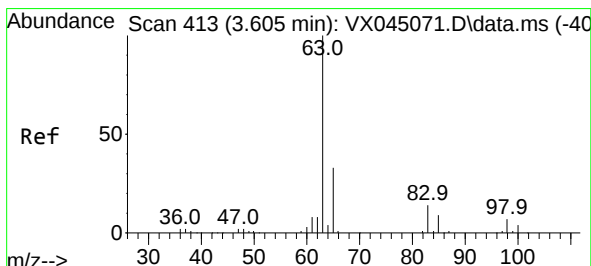
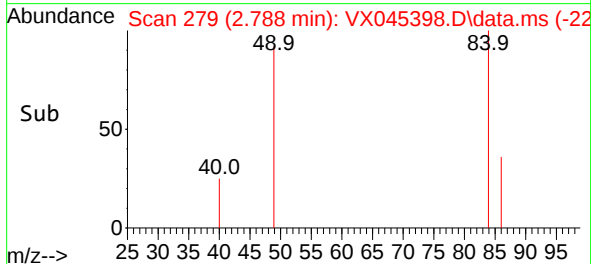
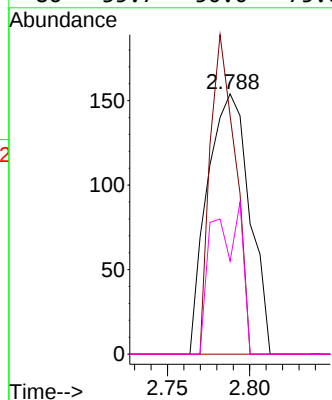
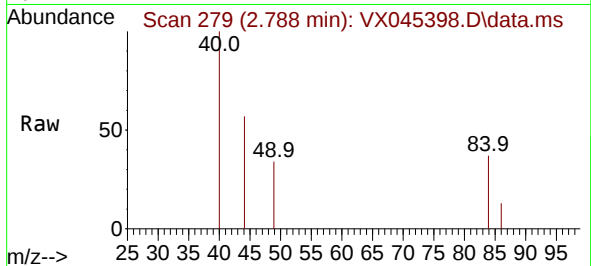




#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

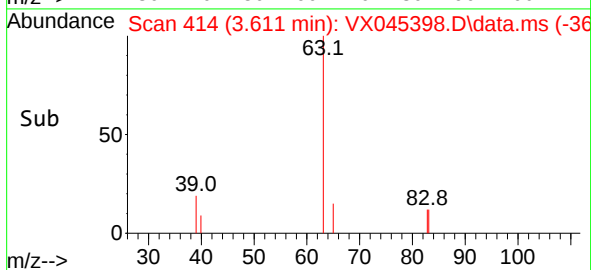
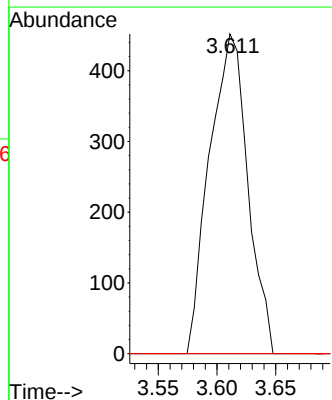
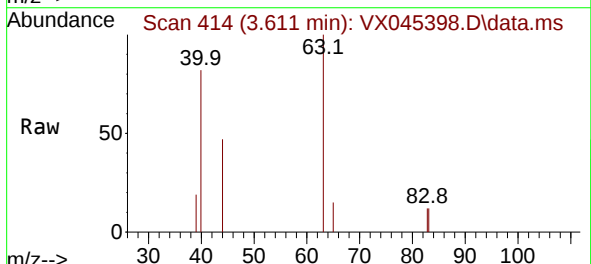
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20250317

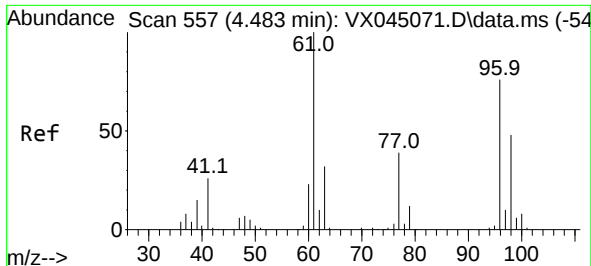
Tgt Ion:	84	Resp:	275
Ion	Ratio	Lower	Upper
84	100		
49	91.6	106.5	159.7#
51	0.0	32.1	48.1#
86	35.7	50.0	75.0#



#24
1,1-Dichloroethane
Concen: 0.570 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion:	63	Resp:	1025
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.2#
100	0.0	2.1	6.5#

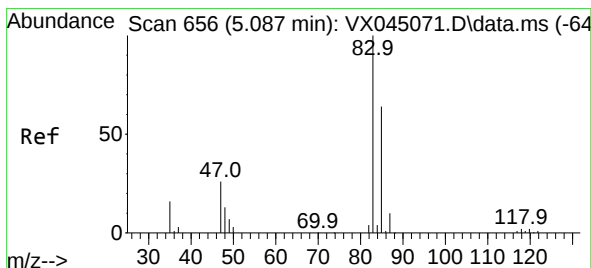
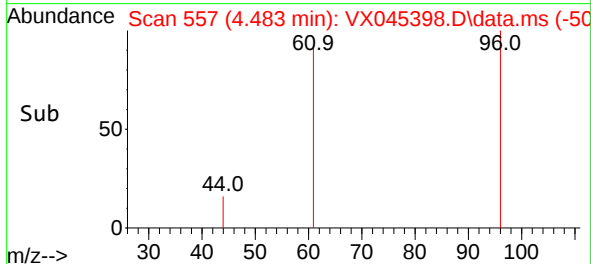
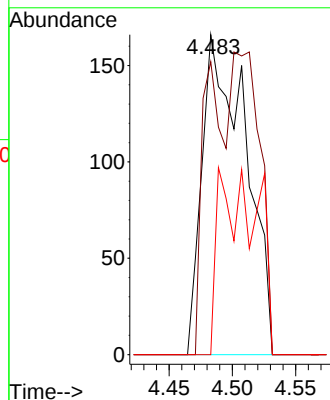
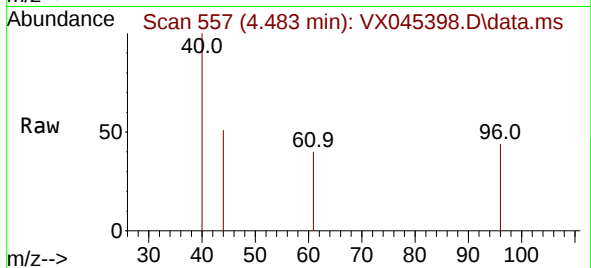




#27
 cis-1,2-Dichloroethene
 Concen: 0.367 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045398.D
 Acq: 21 Mar 2025 19:08

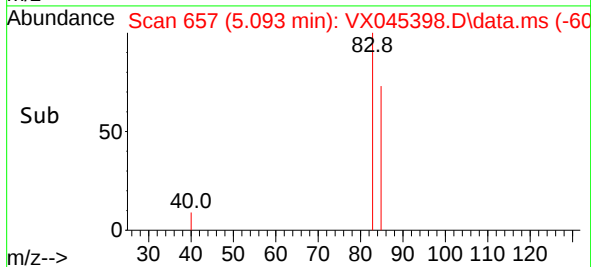
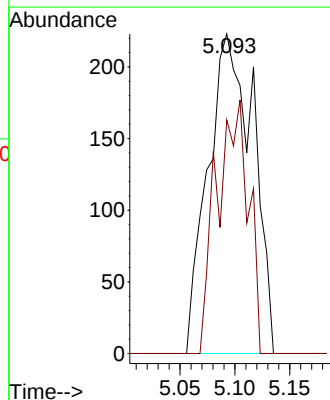
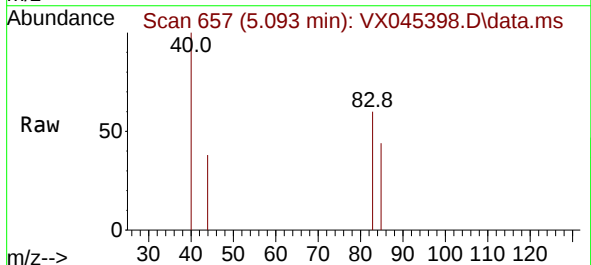
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20250317

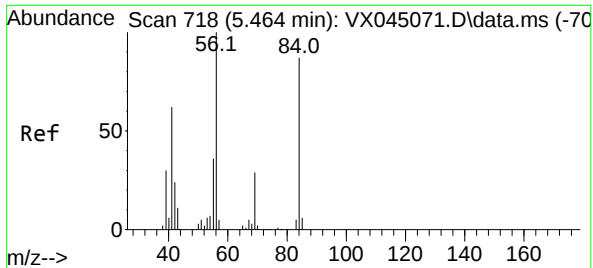
Tgt Ion: 96	Resp:	397	
Ion	Ratio	Lower	Upper
96	100		
61	47.1	0.0	283.2
98	21.9	0.0	128.0



#30
 Chloroform
 Concen: 0.357 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. 0.006 min
 Lab File: VX045398.D
 Acq: 21 Mar 2025 19:08

Tgt Ion: 83	Resp:	638	
Ion	Ratio	Lower	Upper
83	100		
85	73.1	51.4	77.2

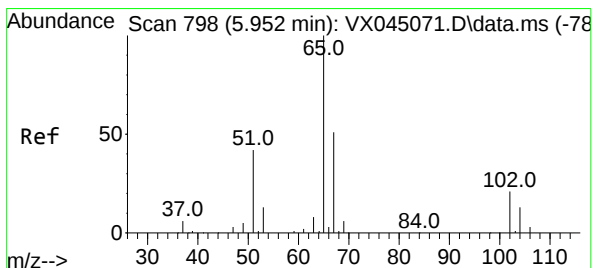
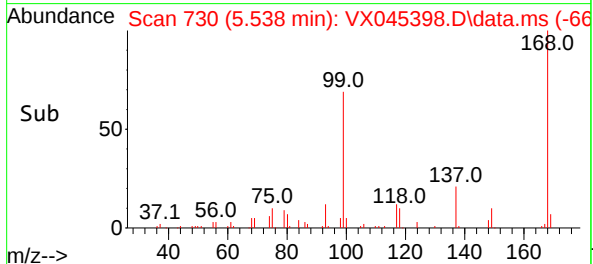
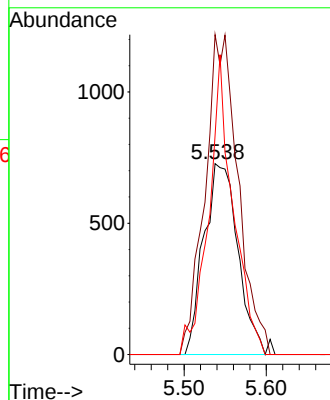
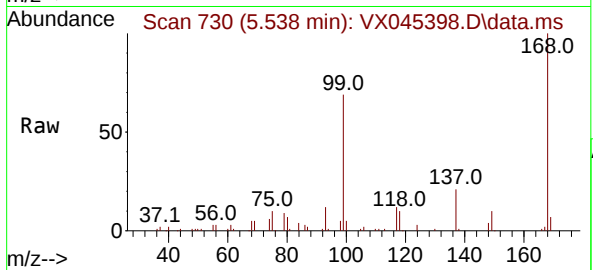




#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

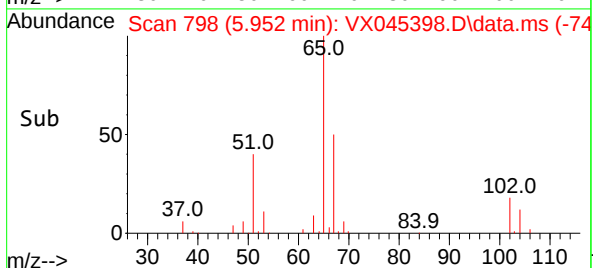
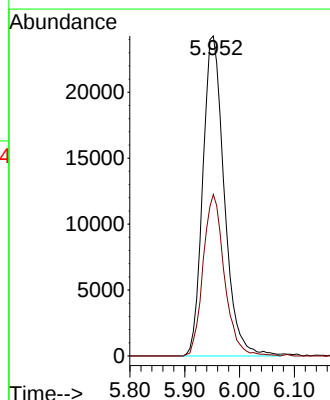
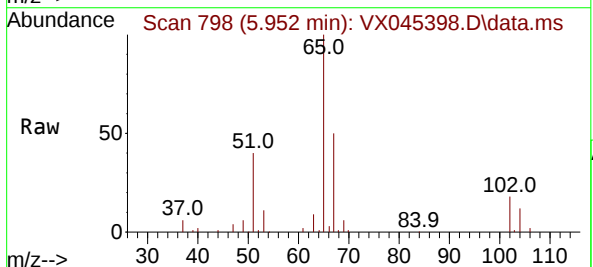
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ClientSampleId :
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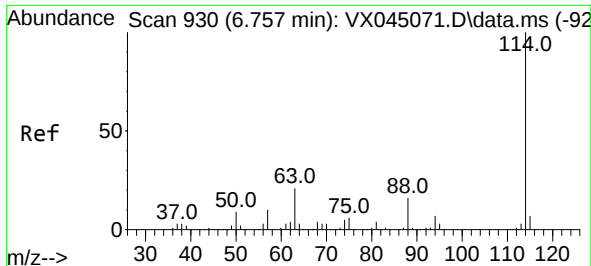
Tgt Ion: 56 Resp: 2109
Ion Ratio Lower Upper
56 100
69 167.5 23.4 35.2#
84 114.9 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 57.425 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion: 65 Resp: 65922
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.2

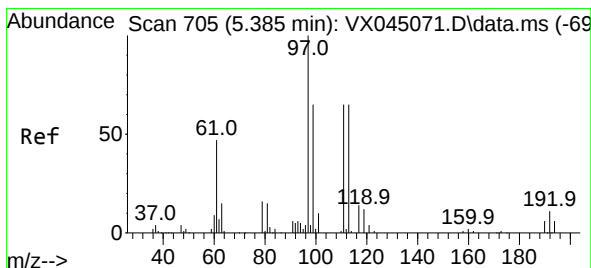
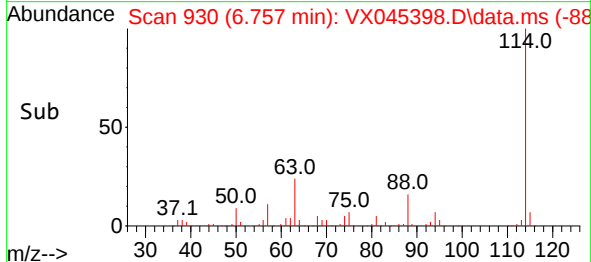
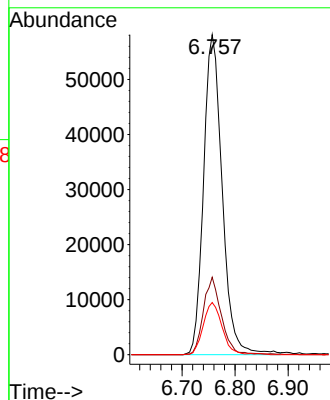
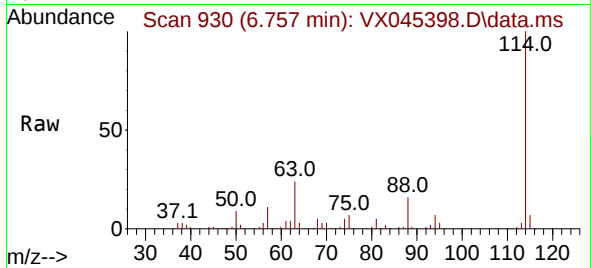




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

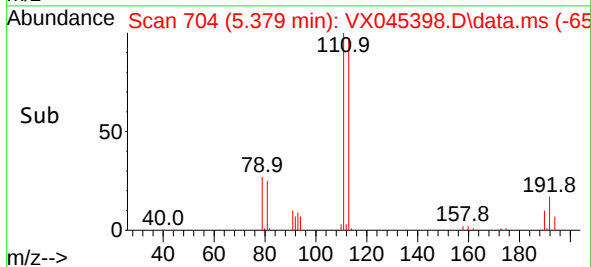
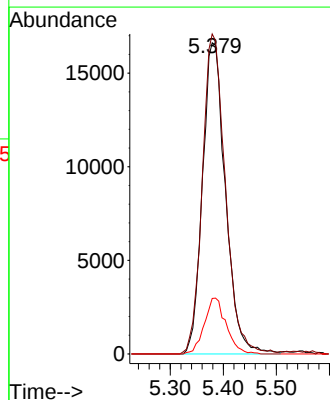
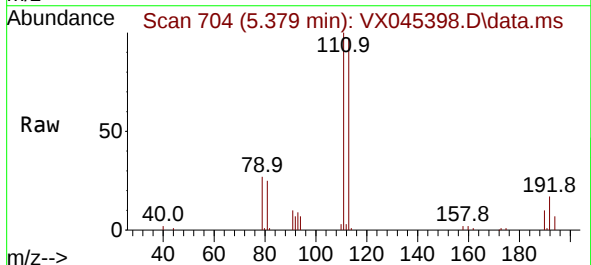
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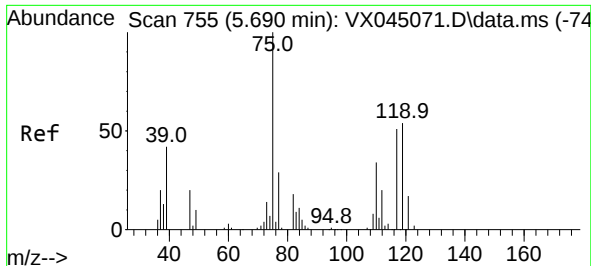
Tgt Ion:114 Resp: 142036
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.574 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

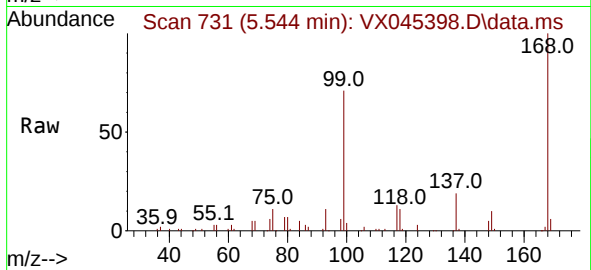
Tgt Ion:113 Resp: 49933
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 17.1 14.3 21.5



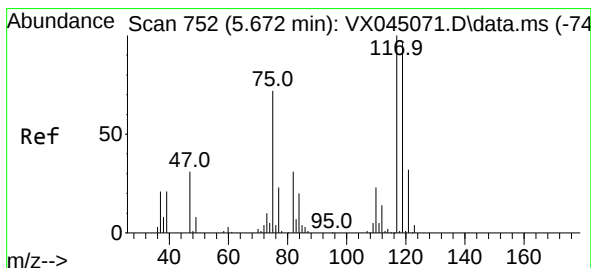
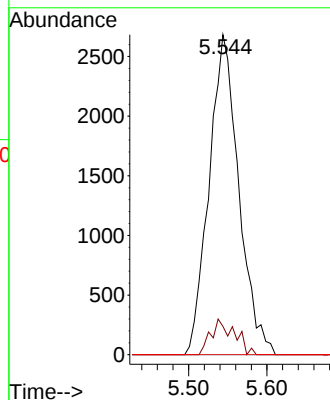
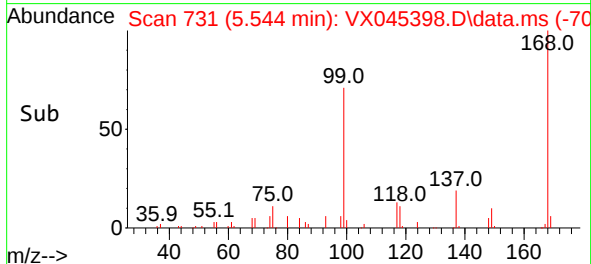


#36
1,1-Dichloropropene
Concen: 5.436 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
DUP07-20250317

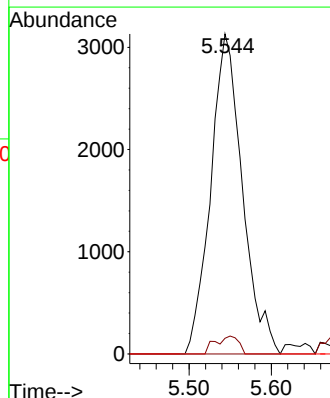
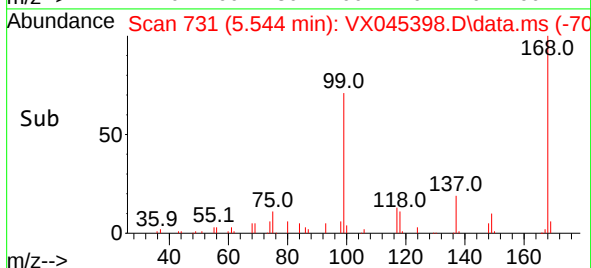
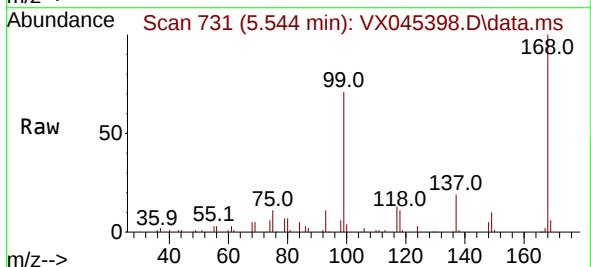


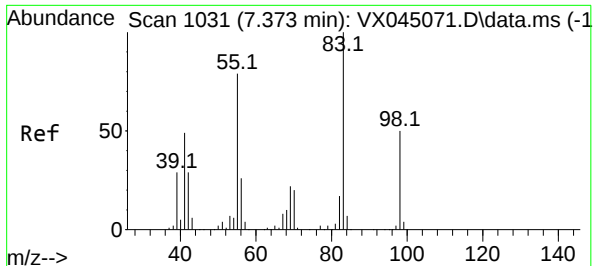
Tgt Ion: 75 Resp: 7081
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.350 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion: 117 Resp: 8397
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.5 38.3#

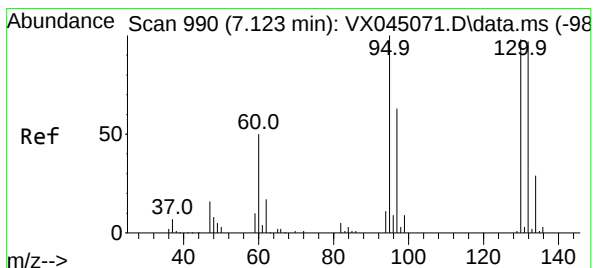
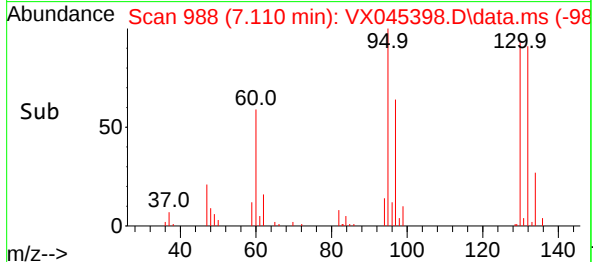
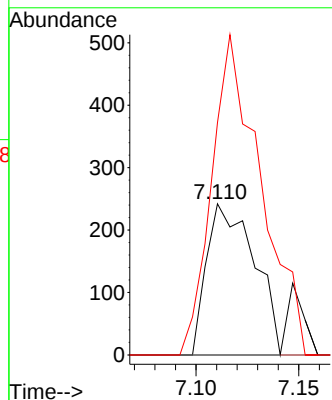
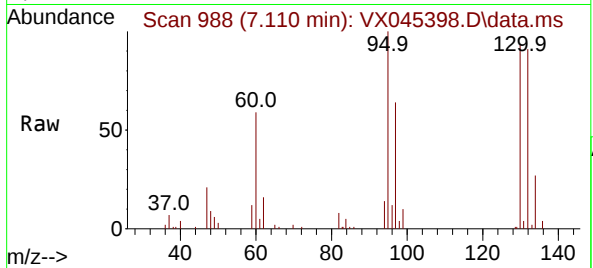




#39
Methylcyclohexane
Concen: 0.251 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.262 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

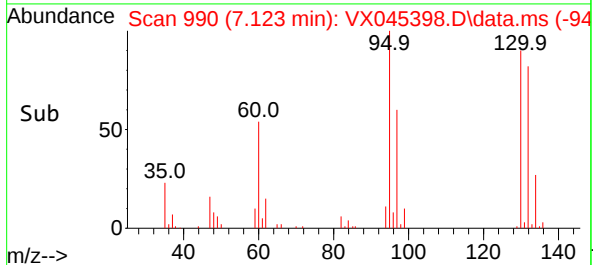
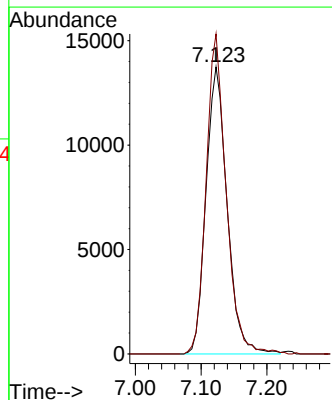
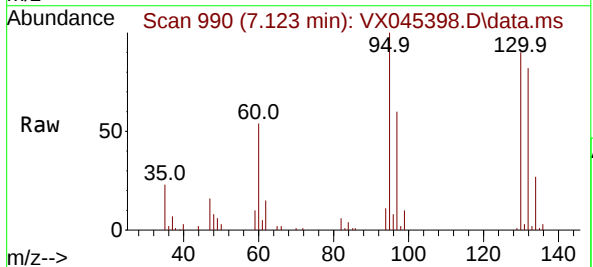
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20250317

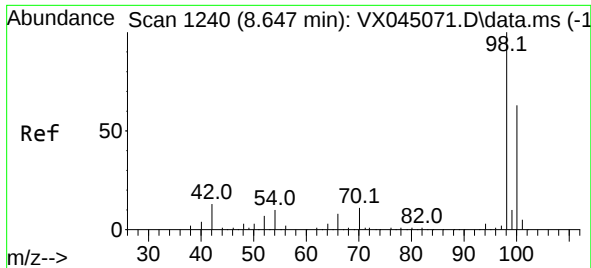
Tgt Ion: 83 Resp: 391
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 105.0 39.7 59.5#



#44
Trichloroethene
Concen: 31.841 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion:130 Resp: 30751
Ion Ratio Lower Upper
130 100
95 111.5 0.0 205.0

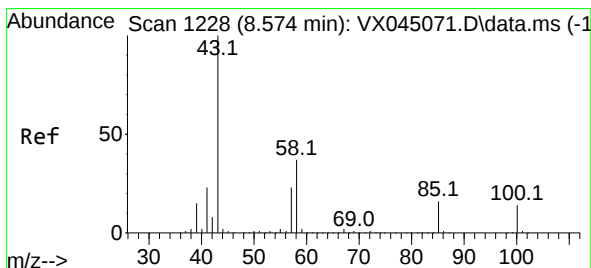
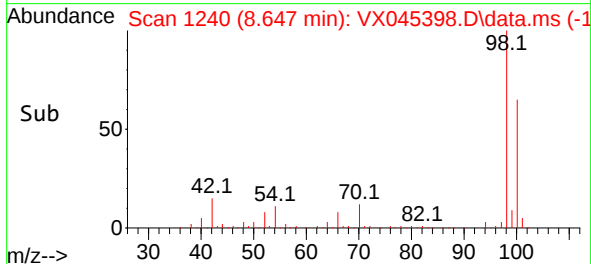
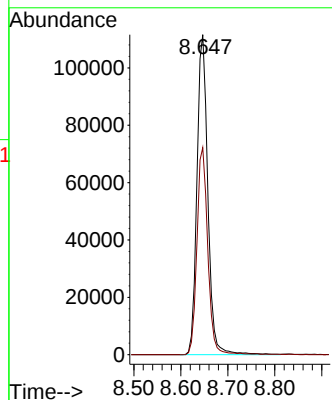
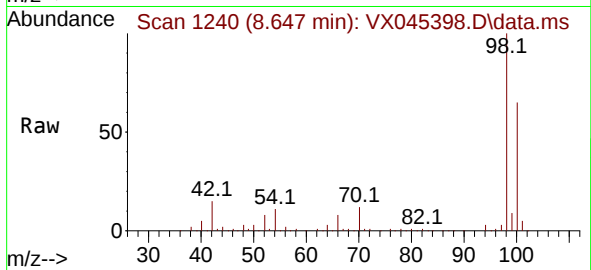




#50
Toluene-d8
Concen: 52.442 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

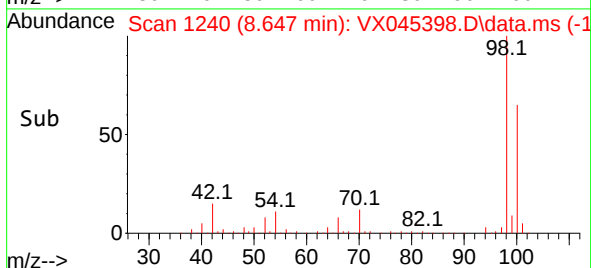
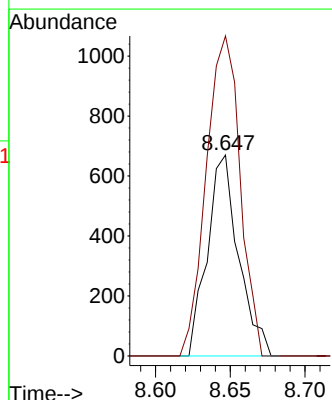
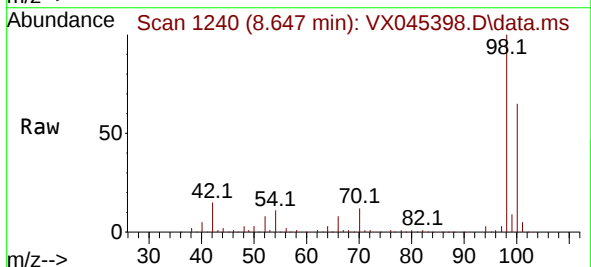
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20250317

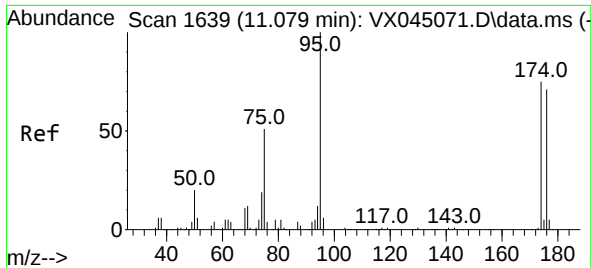
Tgt Ion: 98 Resp: 180569
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 172.4 29.2 43.8#

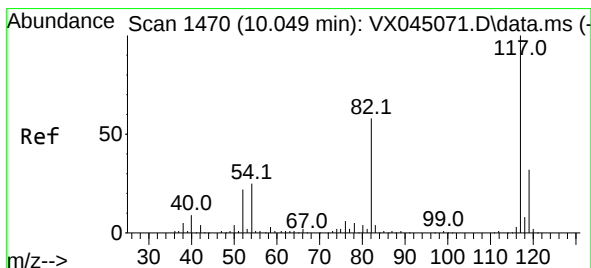
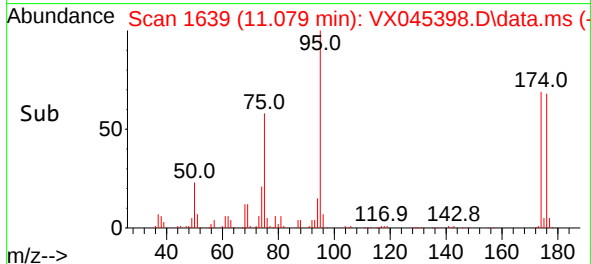
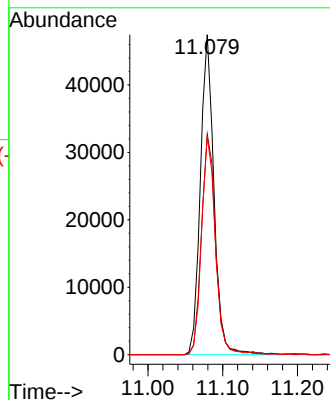
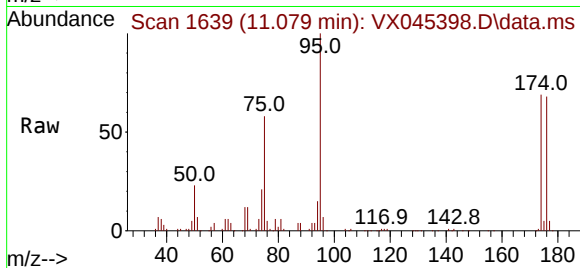




#62
4-Bromofluorobenzene
Concen: 52.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

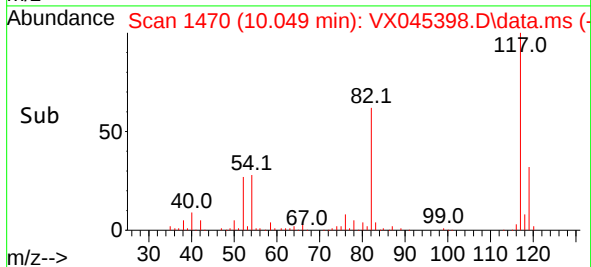
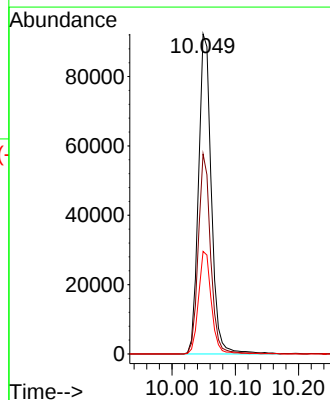
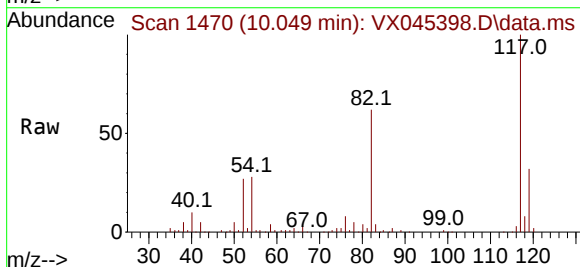
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20250317

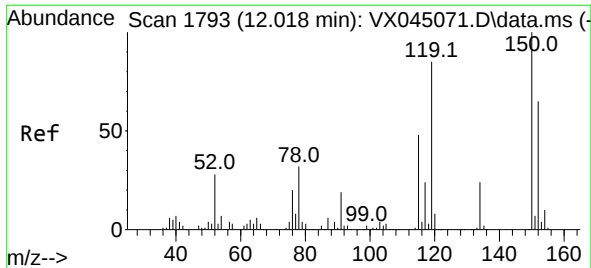
Tgt Ion: 95 Resp: 59987
Ion Ratio Lower Upper
95 100
174 71.4 0.0 148.2
176 68.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045398.D
Acq: 21 Mar 2025 19:08

Tgt Ion: 117 Resp: 130424
Ion Ratio Lower Upper
117 100
82 62.5 46.3 69.5
119 32.1 25.7 38.5

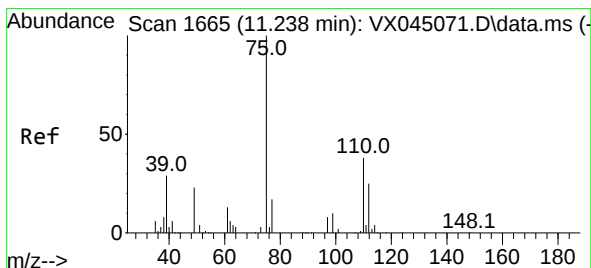
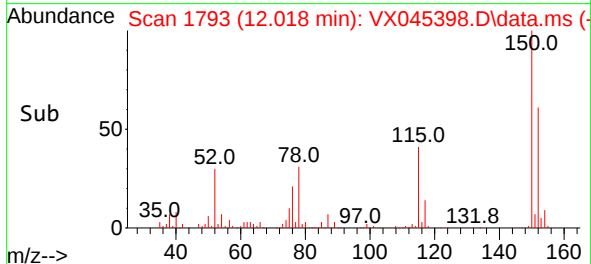
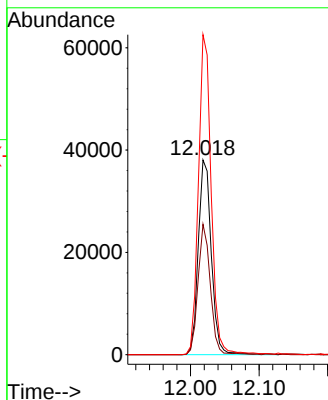
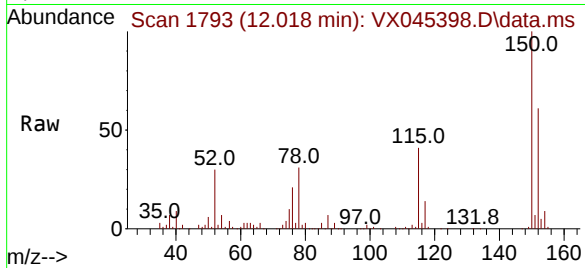




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045398.D
 Acq: 21 Mar 2025 19:08

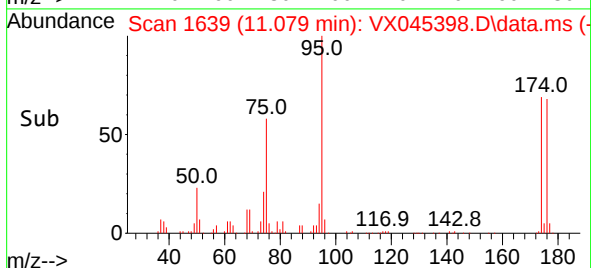
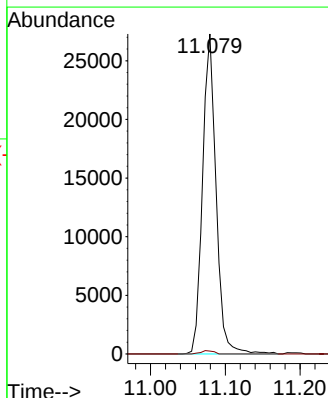
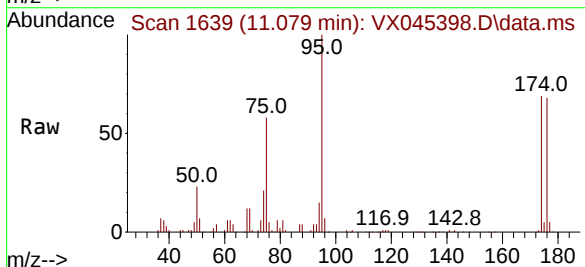
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20250317

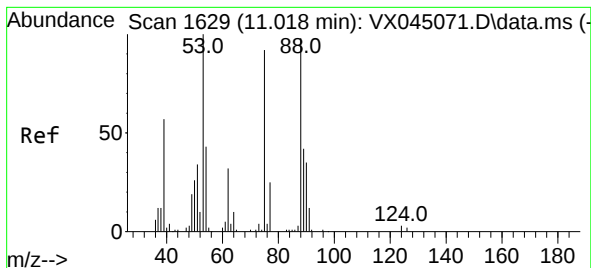
Tgt Ion:152 Resp: 50856
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.2 132.6
 150 159.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.953 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045398.D
 Acq: 21 Mar 2025 19:08

Tgt Ion: 75 Resp: 34271
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.082 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX045398.D
 Acq: 21 Mar 2025 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20250317

Tgt Ion: 75 Resp: 34271
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.2 36.2 54.4#

