

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045438.D
 Acq On : 25 Mar 2025 14:26
 Operator : JC/MD
 Sample : Q1608-19DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20250318DL

Quant Time: Mar 26 01:38:37 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)

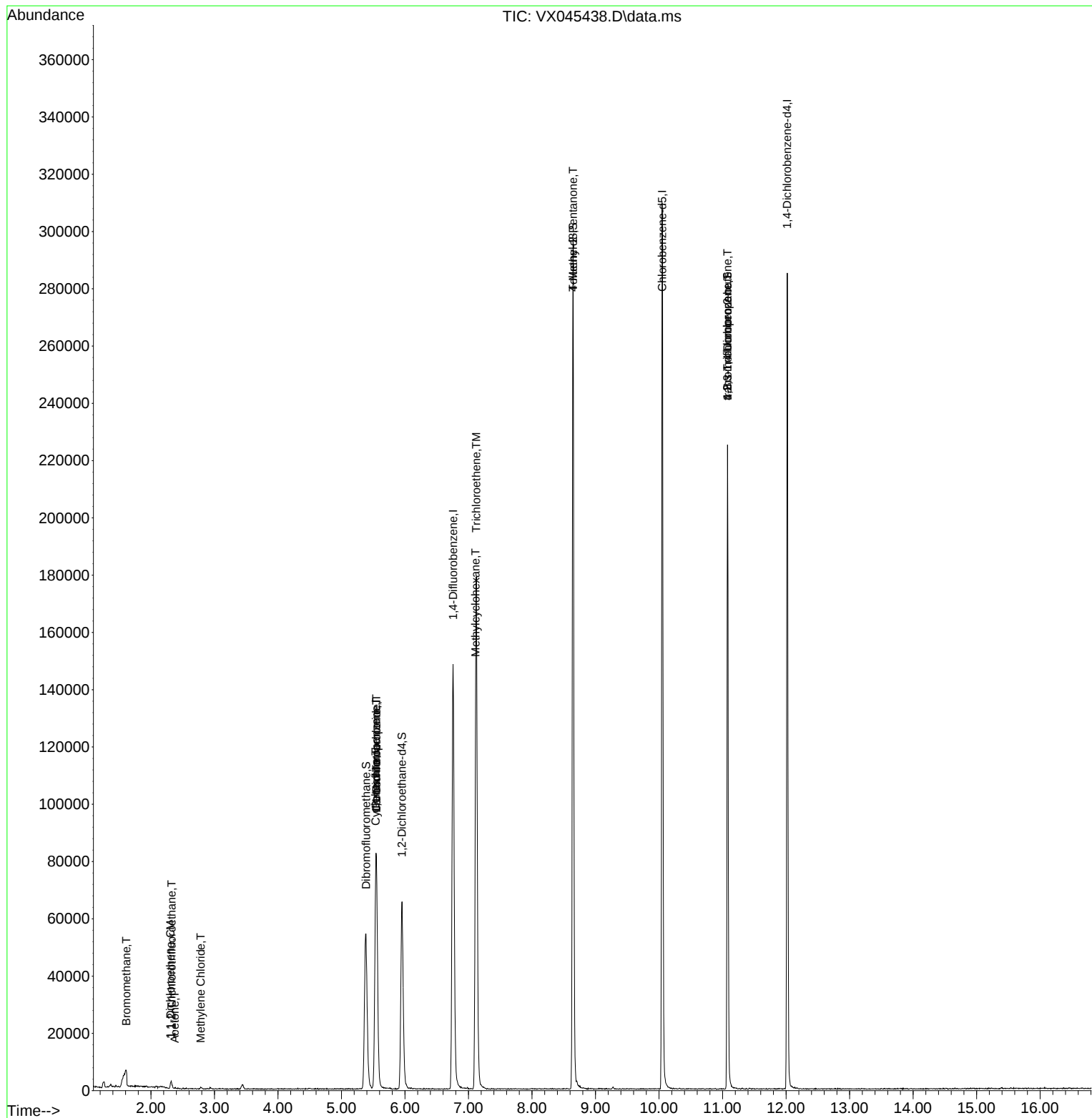
Internal Standards						
1) Pentafluorobenzene	5.544	168	72406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62108	53.926	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.860%			
35) Dibromofluoromethane	5.385	113	47495	49.836	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	8.647	98	163588	47.348	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.700%			
62) 4-Bromofluorobenzene	11.079	95	58454	51.056	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.120%			
Target Compounds						Qvalue
5) Bromomethane	1.612	94	170	0.391	ug/l #	60
9) 1,1,2-Trichlorotrifluo...	2.325	101	799	0.949	ug/l	96
12) 1,1-Dichloroethene	2.307	96	382	0.429	ug/l #	69
16) Acetone	2.374	43	279	0.522	ug/l #	44
20) Methylene Chloride	2.782	84	258	0.244	ug/l #	43
31) Cyclohexane	5.538	56	2049	1.308	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	7232	5.533	ug/l #	47
38) Carbon Tetrachloride	5.550	117	8362	6.302	ug/l #	15
39) Methylcyclohexane	7.111	83	993	0.634	ug/l #	4
44) Trichloroethene	7.123	130	64366	66.419	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	979	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32686	27.061	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32686	92.608	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
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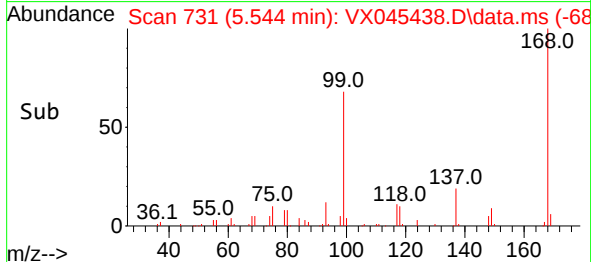
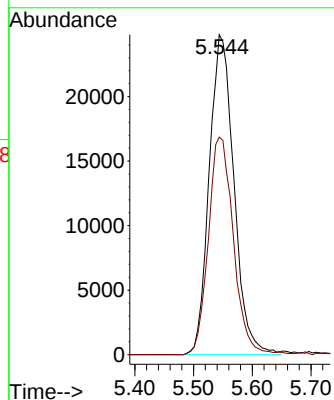
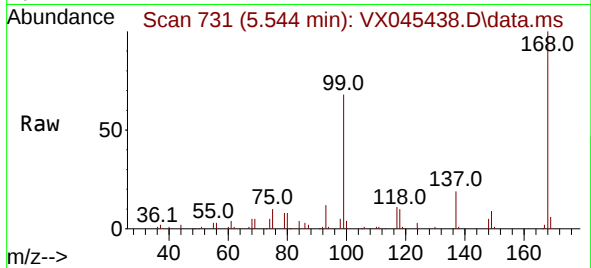




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

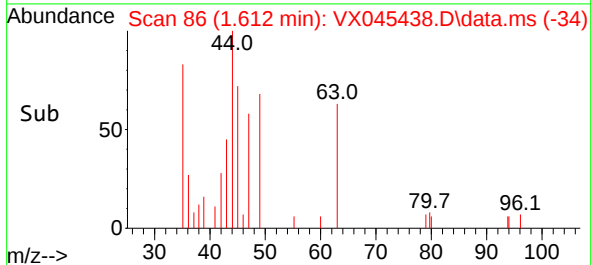
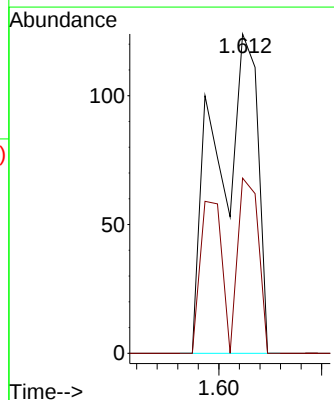
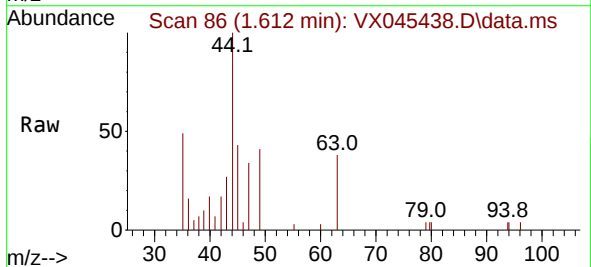
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318DL

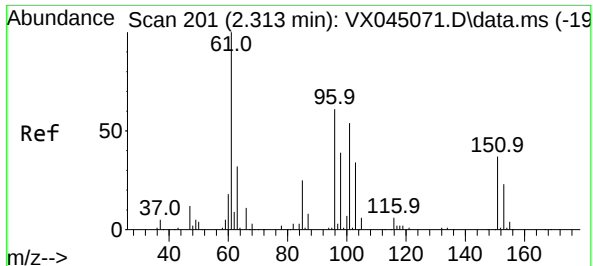
Tgt Ion:168 Resp: 72406
Ion Ratio Lower Upper
168 100
99 68.0 48.2 72.4



#5
Bromomethane
Concen: 0.391 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

Tgt Ion: 94 Resp: 170
Ion Ratio Lower Upper
94 100
96 54.8 75.0 112.4#

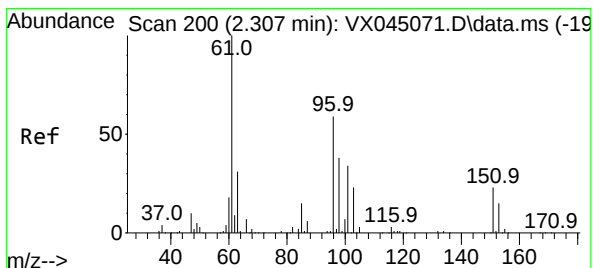
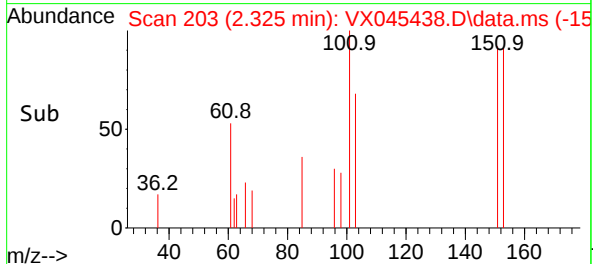
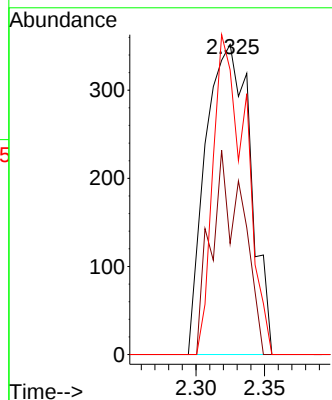
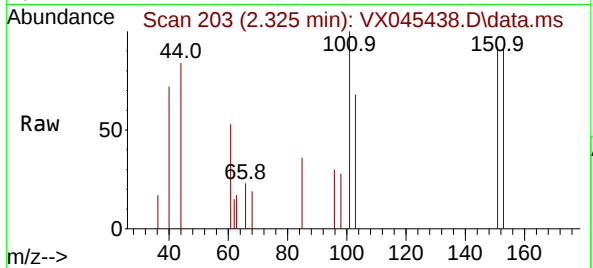




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.949 ug/l
 RT: 2.325 min Scan# 201
 Delta R.T. 0.012 min
 Lab File: VX045438.D
 Acq: 25 Mar 2025 14:26

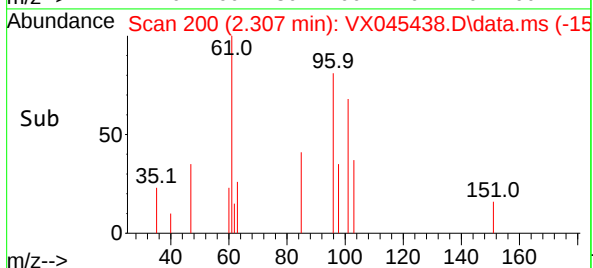
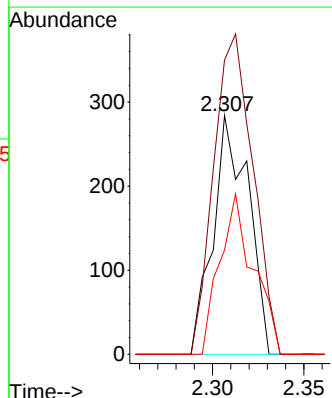
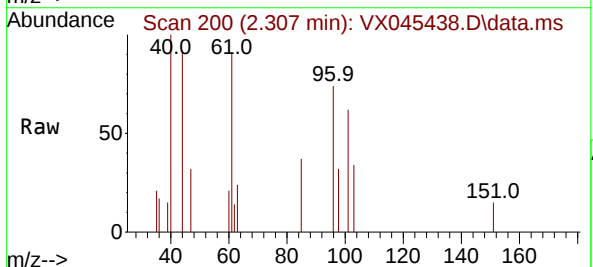
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20250318DL

Tgt Ion:	101	Resp:	799
Ion	Ratio	Lower	Upper
101	100		
85	46.7	36.2	54.4
151	75.2	56.4	84.6



#12
 1,1-Dichloroethene
 Concen: 0.429 ug/l
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX045438.D
 Acq: 25 Mar 2025 14:26

Tgt Ion:	96	Resp:	382
Ion	Ratio	Lower	Upper
96	100		
61	123.2	134.6	202.0#
98	43.7	51.0	76.6#

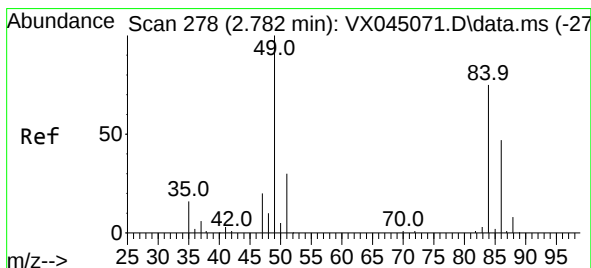
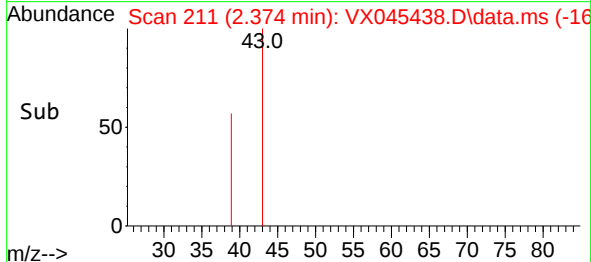
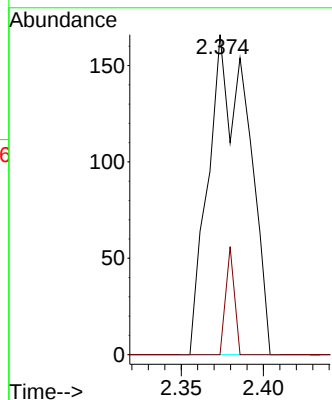
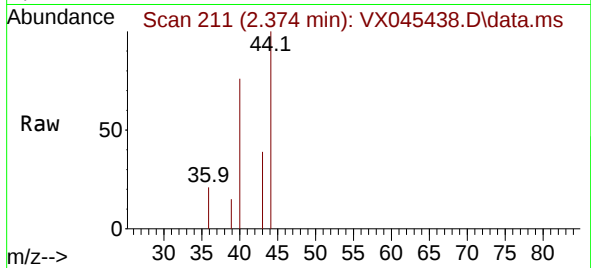




#16
Acetone
Concen: 0.522 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

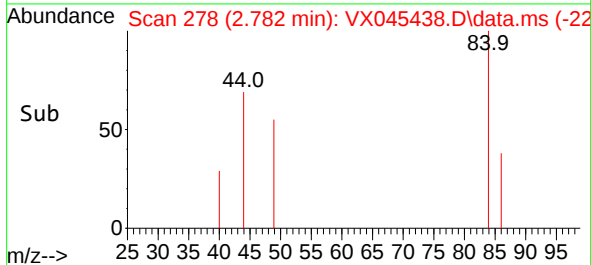
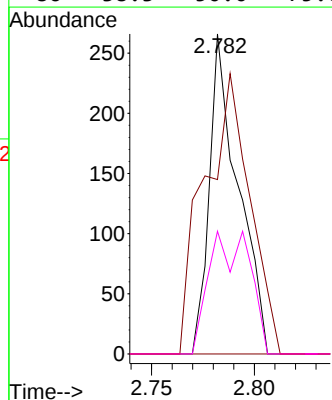
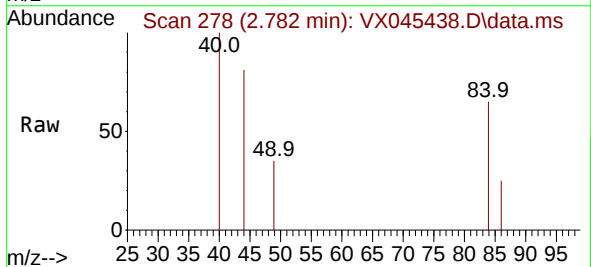
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318DL

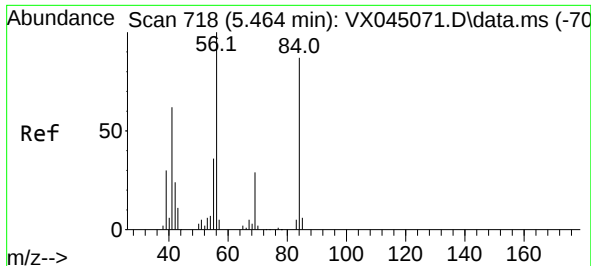
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

Tgt Ion: 84 Resp: 258
Ion Ratio Lower Upper
84 100
49 54.5 106.5 159.7#
51 0.0 32.1 48.1#
86 38.3 50.0 75.0#

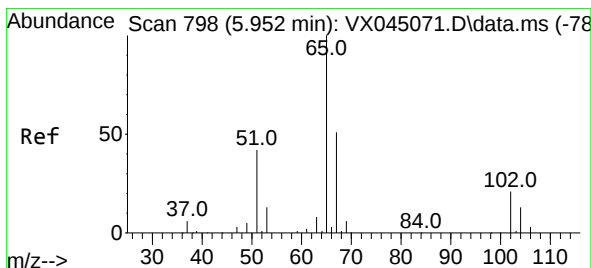
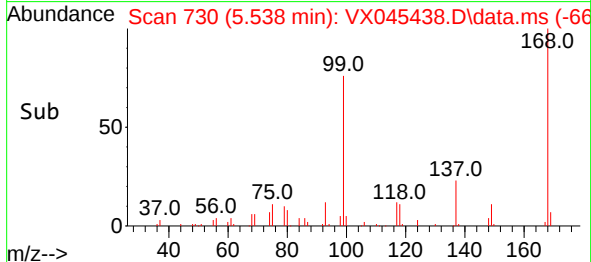
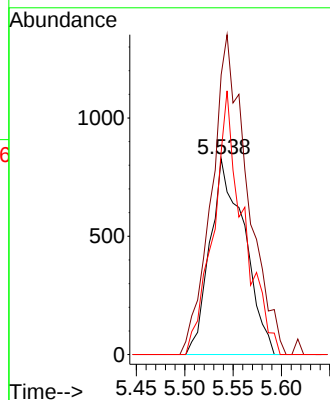
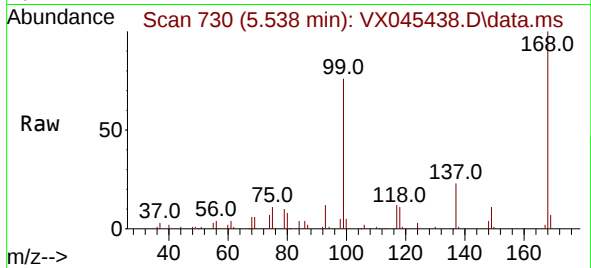




#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

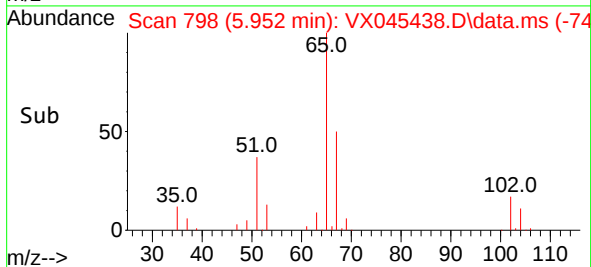
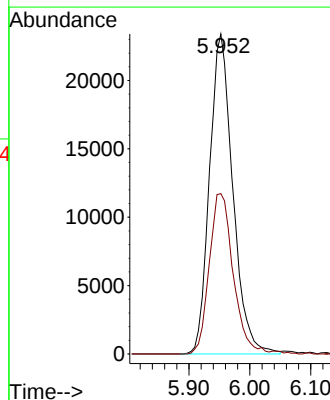
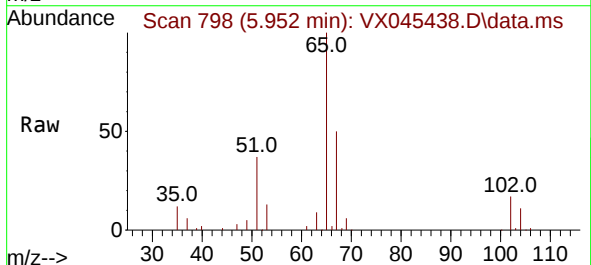
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318DL

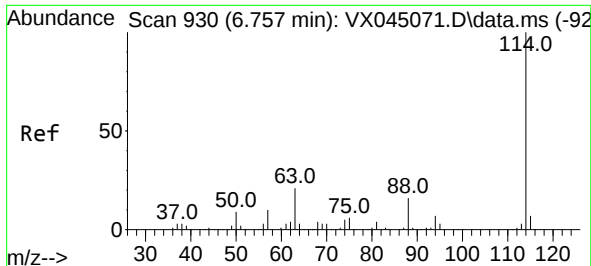
Tgt Ion: 56 Resp: 2049
Ion Ratio Lower Upper
56 100
69 142.9 23.4 35.2#
84 103.5 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 53.926 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

Tgt Ion: 65 Resp: 62108
Ion Ratio Lower Upper
65 100
67 51.4 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: VX045438.D

Acq: 25 Mar 2025 14:26

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20250318DL

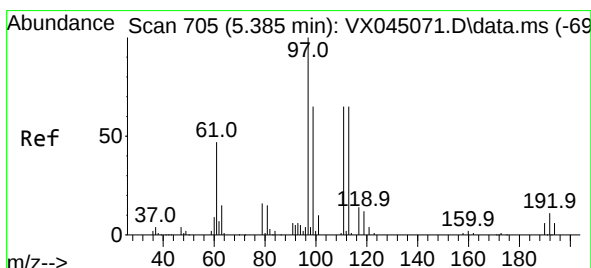
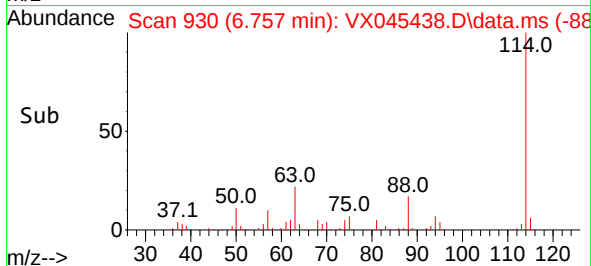
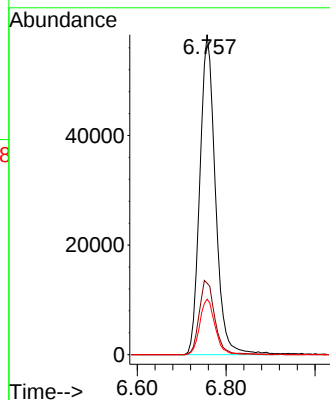
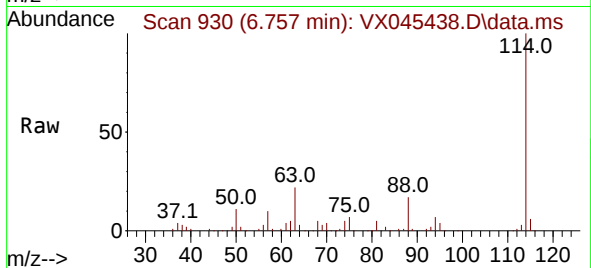
Tgt Ion:114 Resp: 142524

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 17.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.836 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX045438.D

Acq: 25 Mar 2025 14:26

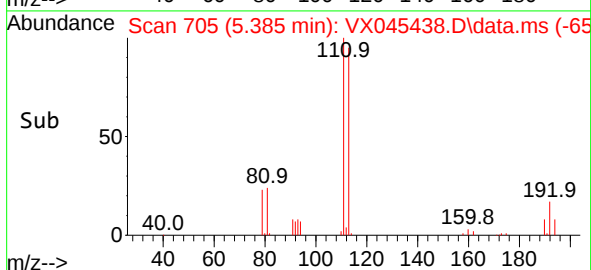
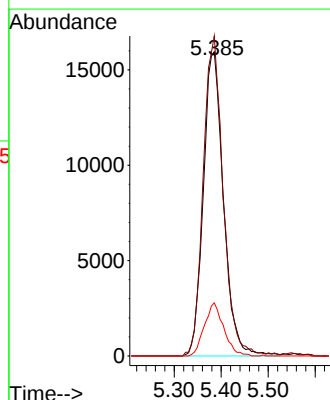
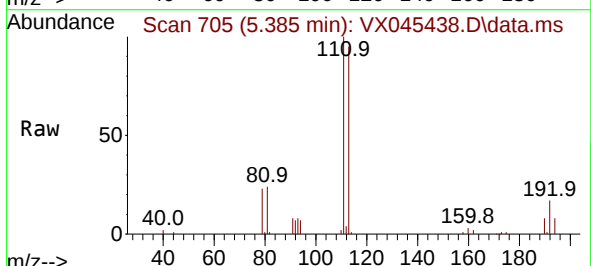
Tgt Ion:113 Resp: 47495

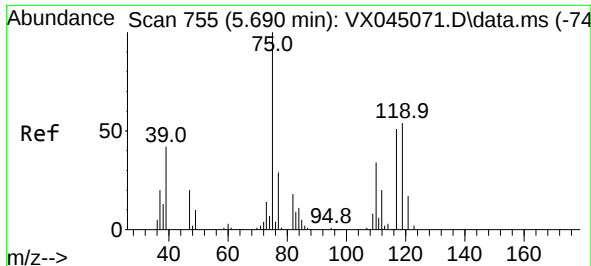
Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

192 16.8 14.3 21.5

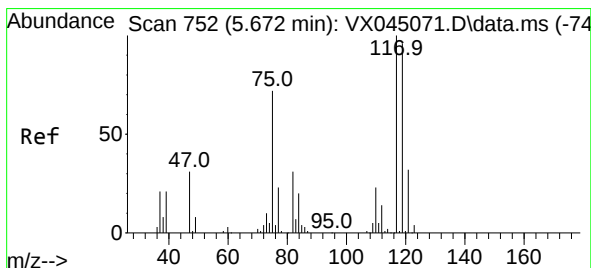
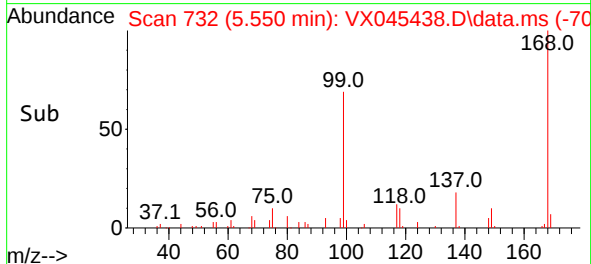
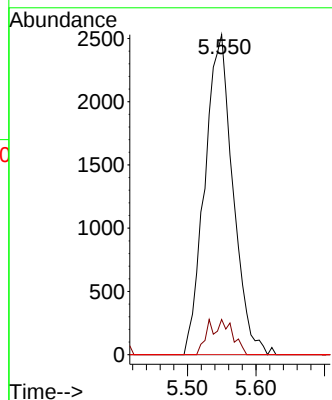
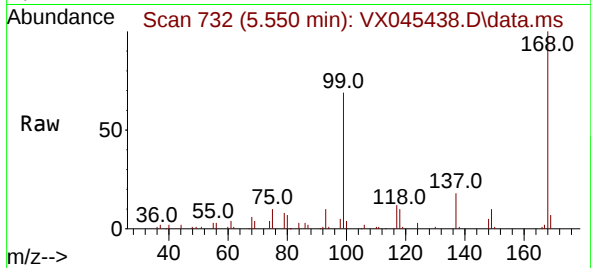




#36
1,1-Dichloropropene
Concen: 5.533 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

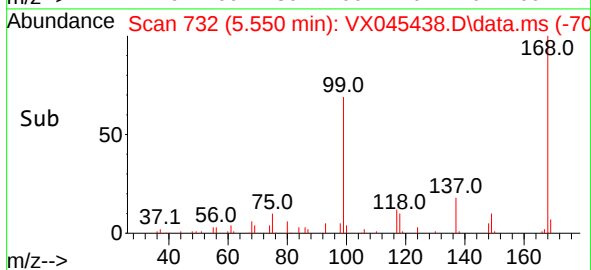
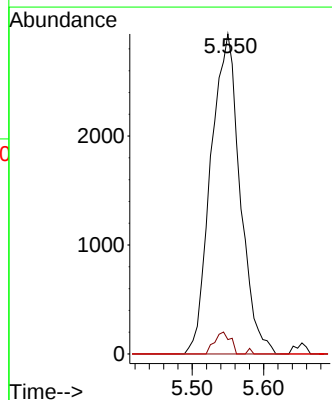
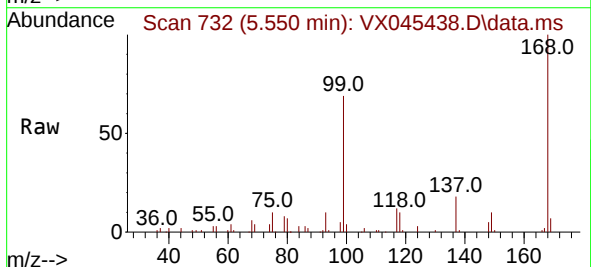
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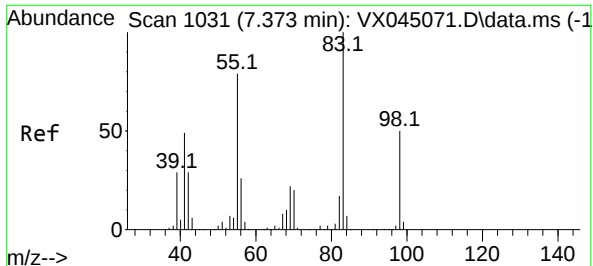
Tgt Ion: 75 Resp: 7232
Ion Ratio Lower Upper
75 100
110 5.1 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.302 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

Tgt Ion: 117 Resp: 8362
Ion Ratio Lower Upper
117 100
119 4.5 76.7 115.1#
121 0.0 25.5 38.3#

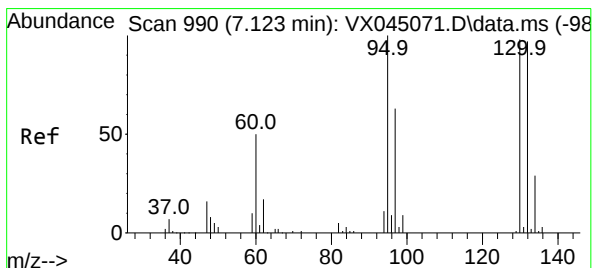
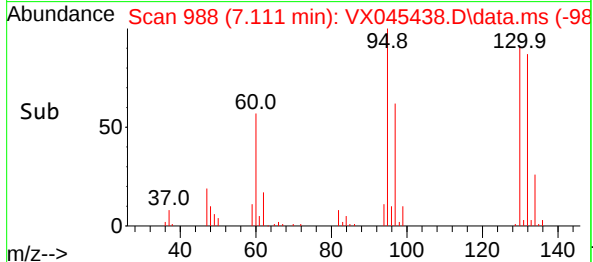
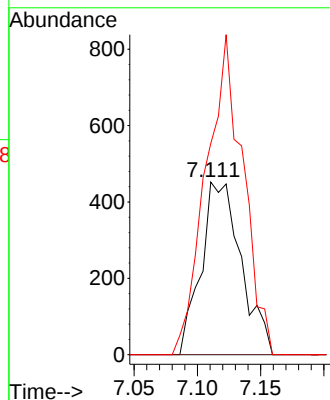
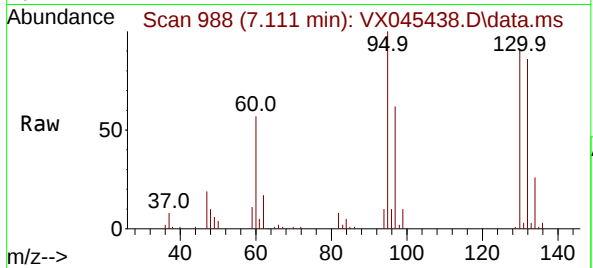




#39
Methylcyclohexane
Concen: 0.634 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.262 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

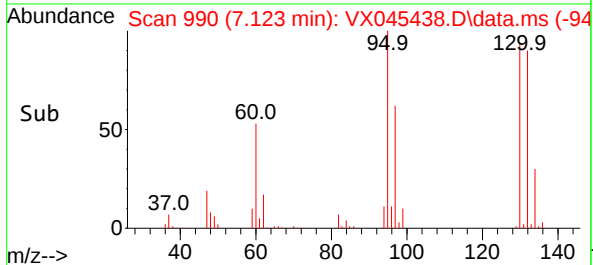
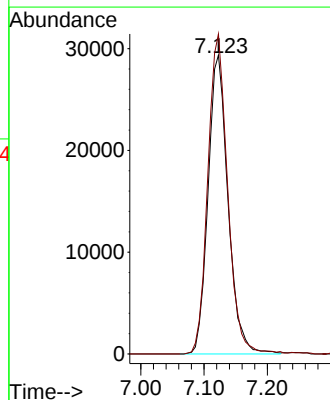
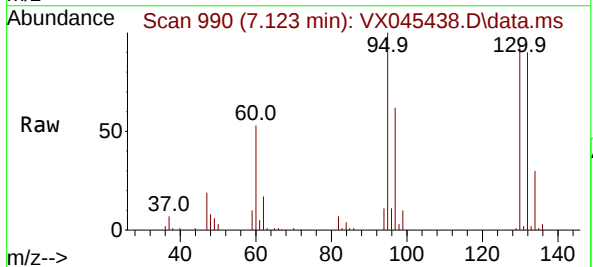
Instrument :
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RE132D7-20250318DL

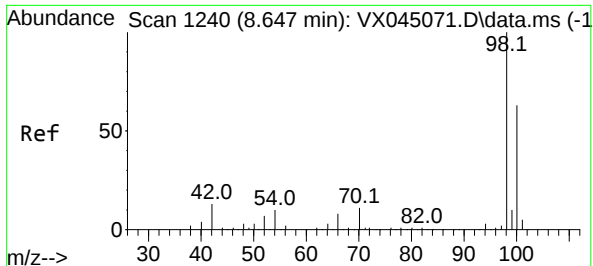
Tgt Ion: 83 Resp: 993
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 122.3 39.7 59.5#



#44
Trichloroethene
Concen: 66.419 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

Tgt Ion:130 Resp: 64366
Ion Ratio Lower Upper
130 100
95 107.1 0.0 205.0

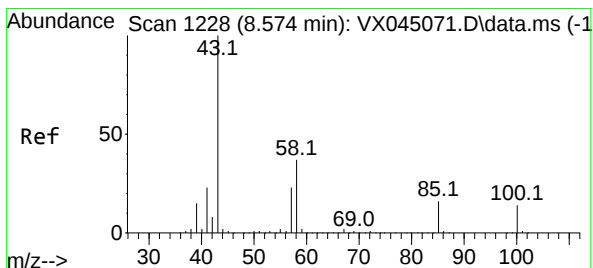
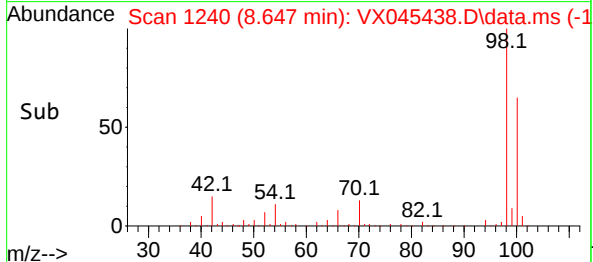
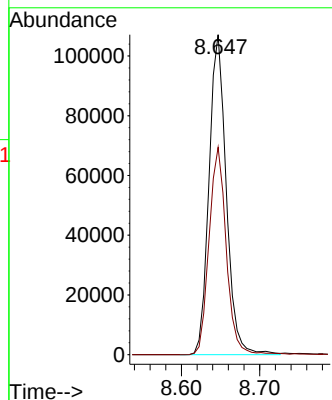
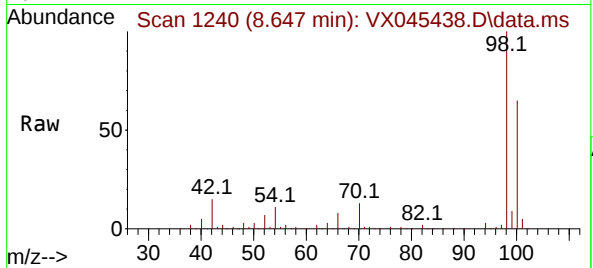




#50
Toluene-d8
Concen: 47.348 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

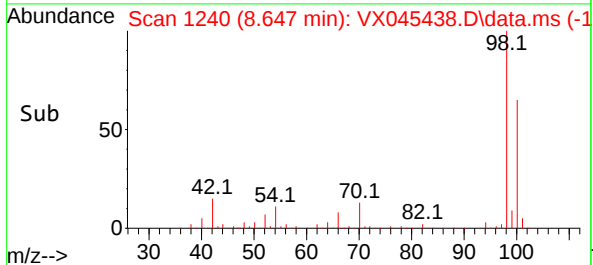
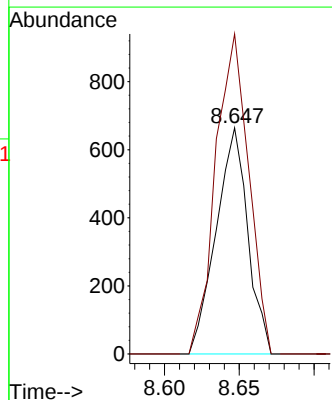
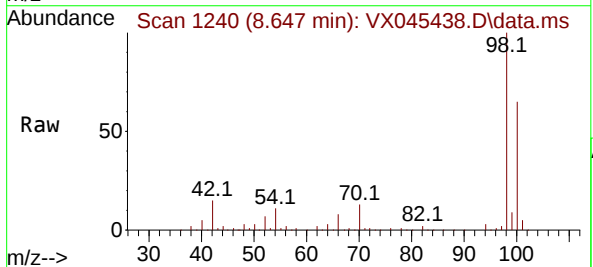
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20250318DL

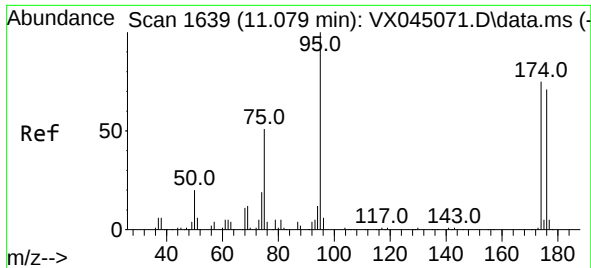
Tgt Ion: 98 Resp: 163588
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 147.6 29.2 43.8#

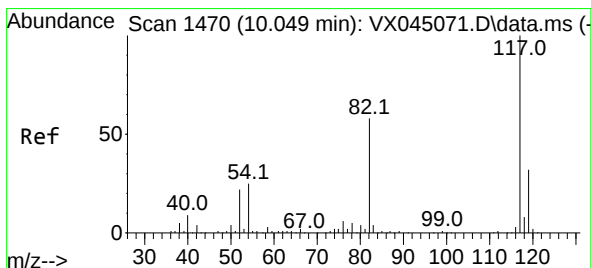
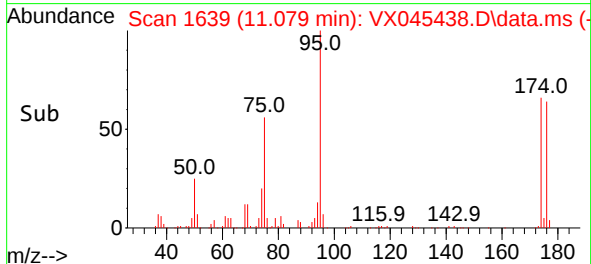
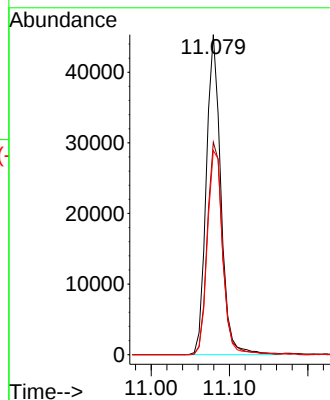
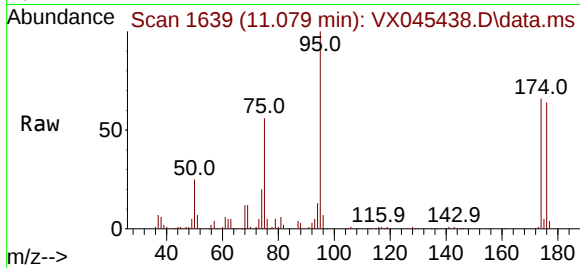




#62
4-Bromofluorobenzene
Concen: 51.056 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

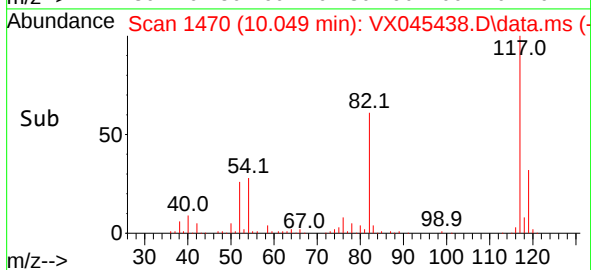
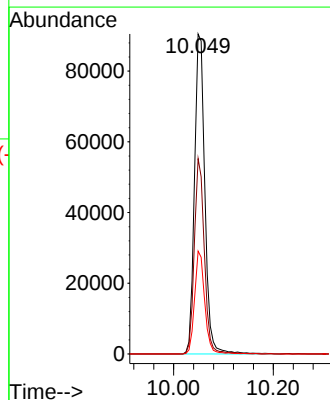
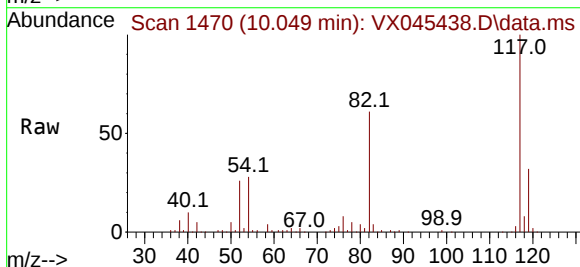
Instrument :
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ClientSampleId :
RE132D7-20250318DL

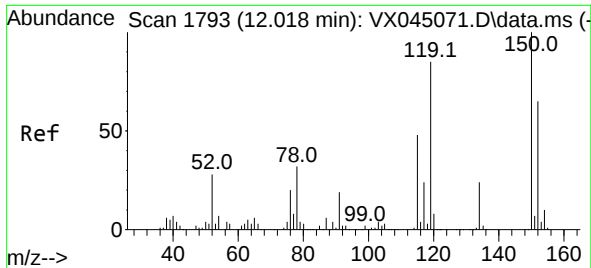
Tgt Ion: 95 Resp: 58454
Ion Ratio Lower Upper
95 100
174 69.2 0.0 148.2
176 67.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045438.D
Acq: 25 Mar 2025 14:26

Tgt Ion: 117 Resp: 130699
Ion Ratio Lower Upper
117 100
82 61.1 46.3 69.5
119 32.2 25.7 38.5

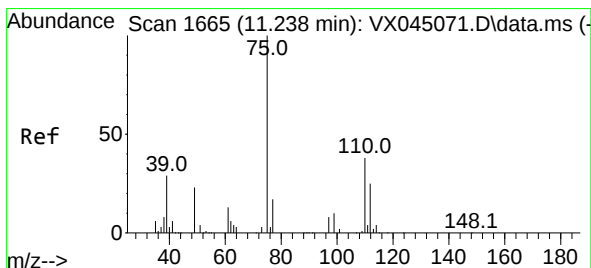
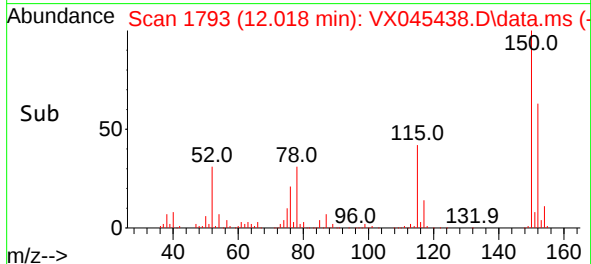
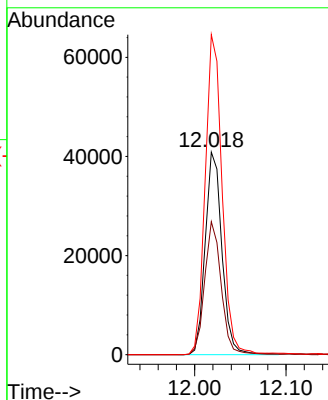
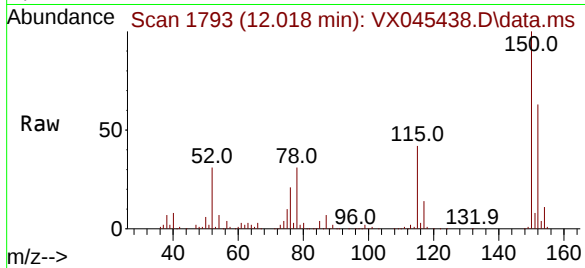




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045438.D
 Acq: 25 Mar 2025 14:26

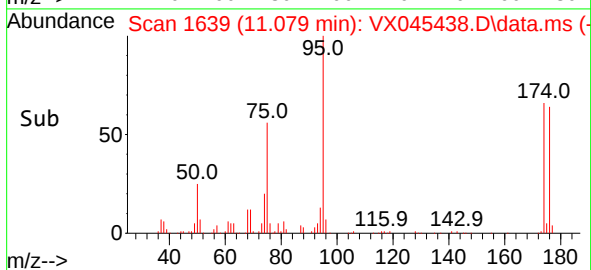
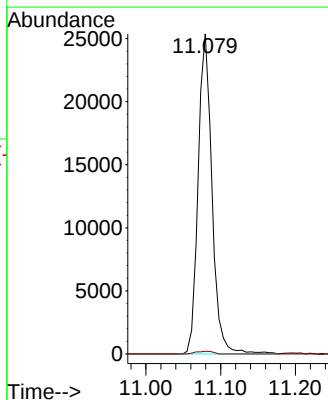
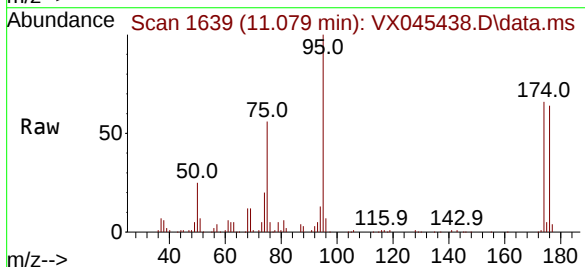
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20250318DL

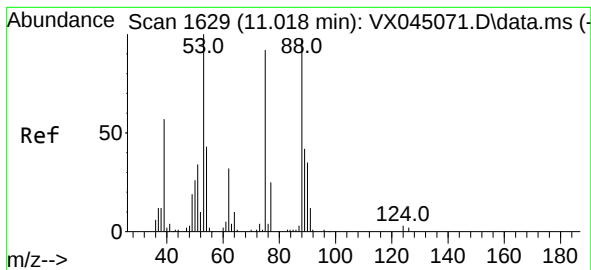
Tgt Ion:152 Resp: 51895
 Ion Ratio Lower Upper
 152 100
 115 65.0 44.2 132.6
 150 159.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.061 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045438.D
 Acq: 25 Mar 2025 14:26

Tgt Ion: 75 Resp: 32686
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.608 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045438.D
 Acq: 25 Mar 2025 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20250318DL

Tgt Ion: 75 Resp: 32686
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

