

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045391.D
 Acq On : 21 Mar 2025 16:25
 Operator : JC/MD
 Sample : Q1582-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT191D1-20250314

Quant Time: Mar 21 23:17:36 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)

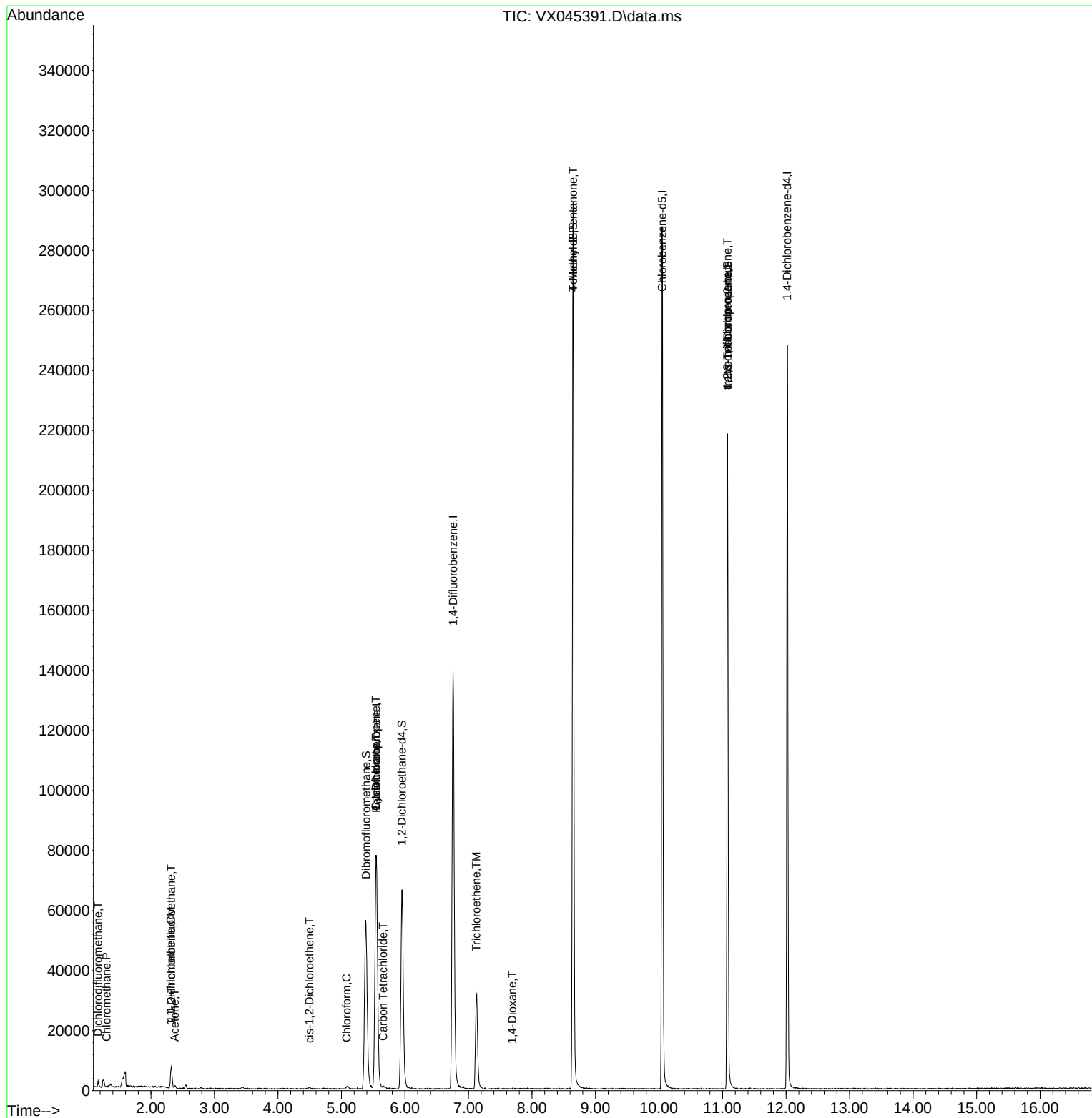
Internal Standards						
1) Pentafluorobenzene	5.550	168	69371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62859	56.966	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.940%	
35) Dibromofluoromethane	5.385	113	48629	54.569	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.140%	
50) Toluene-d8	8.647	98	166764	51.618	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.240%	
62) 4-Bromofluorobenzene	11.079	95	56902	53.151	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	106.300%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	1049	1.201	ug/l	95
3) Chloromethane	1.301	50	259	0.242	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	2443	3.030	ug/l	95
12) 1,1-Dichloroethene	2.313	96	769	0.902	ug/l #	83
16) Acetone	2.374	43	1135	2.217	ug/l #	84
27) cis-1,2-Dichloroethene	4.495	96	294	0.283	ug/l	65
30) Chloroform	5.080	83	571	0.332	ug/l #	71
31) Cyclohexane	5.544	56	2138	1.424	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	6621	5.418	ug/l #	51
38) Carbon Tetrachloride	5.654	117	276	0.222	ug/l #	55
44) Trichloroethene	7.123	130	11892	13.123	ug/l	95
49) 1,4-Dioxane	7.690	88	86	3.490	ug/l #	73
51) 4-Methyl-2-Pentanone	8.647	43	909	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32457	29.861	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32457	102.191	ug/l #	6

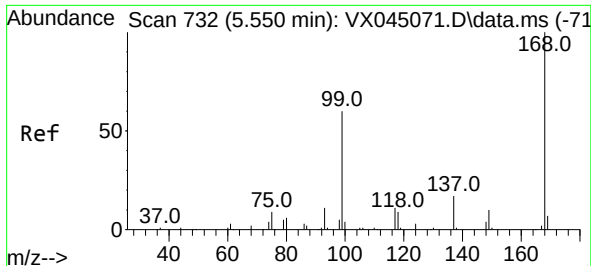
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT191D1-20250314

Quant Time: Mar 21 23:17:36 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

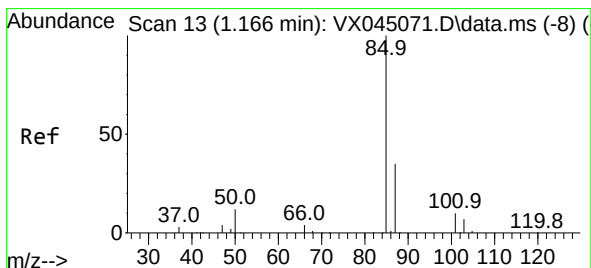
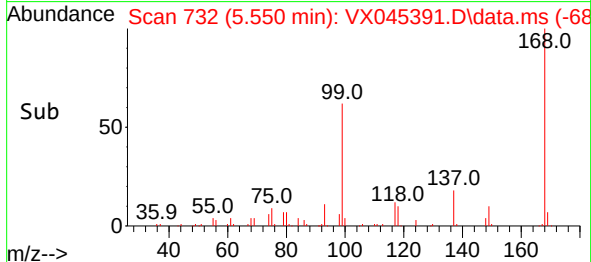
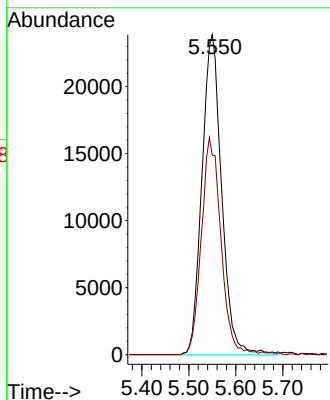
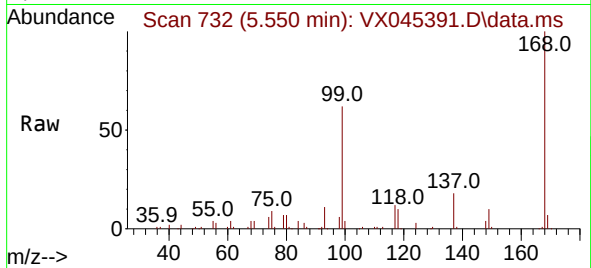




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

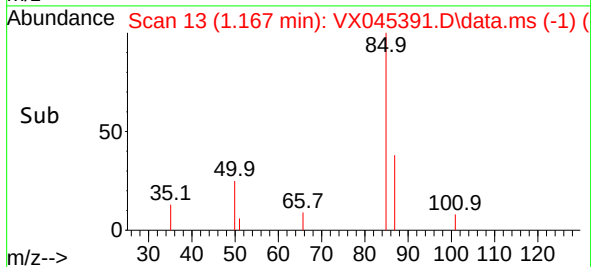
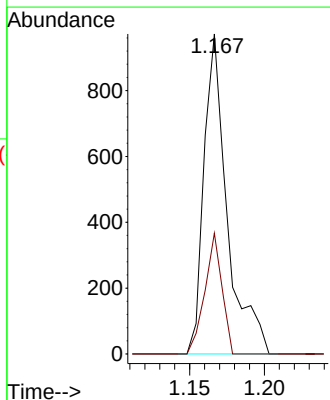
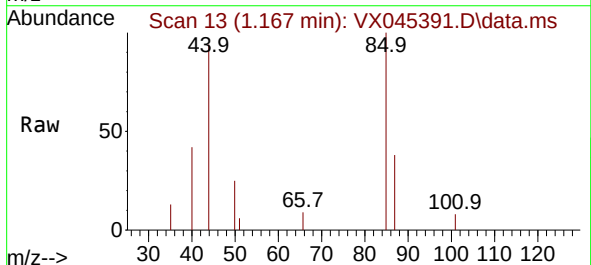
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

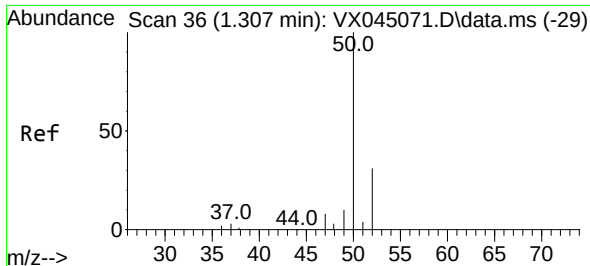
Tgt Ion:168 Resp: 69371
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.201 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 85 Resp: 1049
Ion Ratio Lower Upper
85 100
87 37.8 17.4 52.3

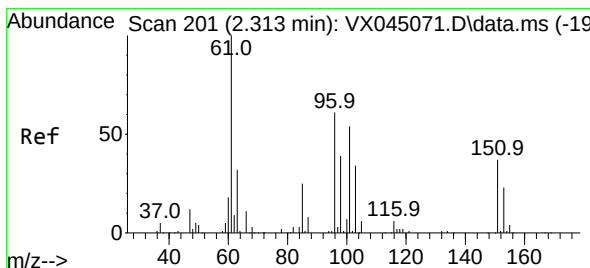
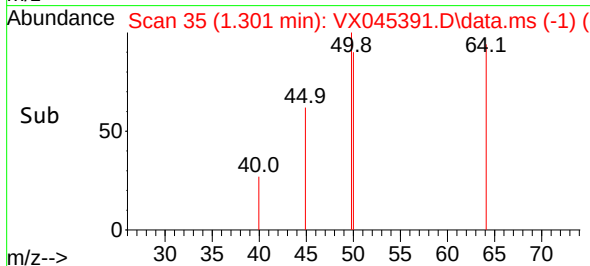
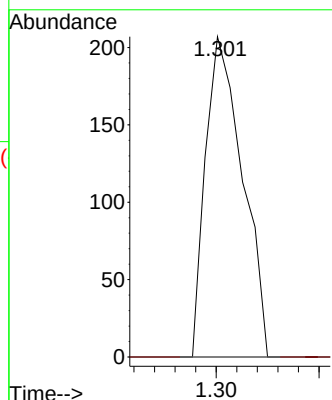
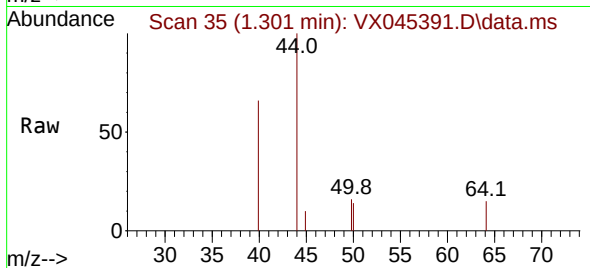




#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

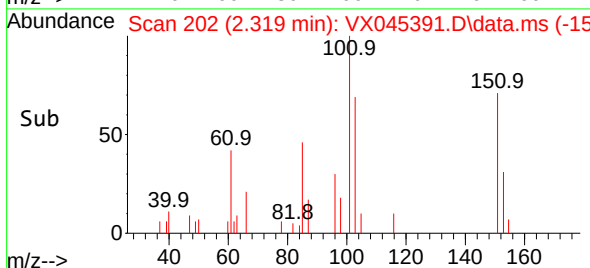
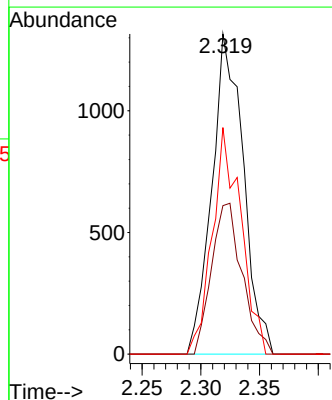
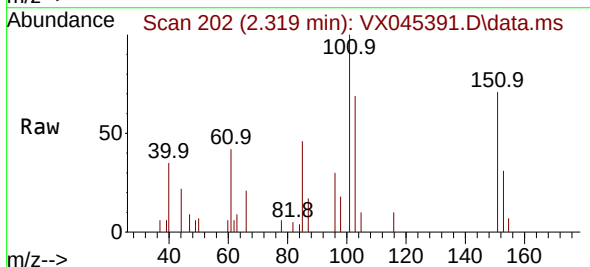
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

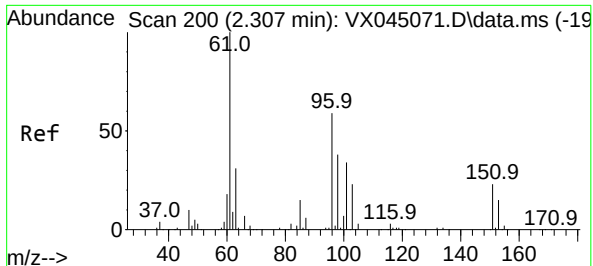
Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.030 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 101 Resp: 2443
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 64.5 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.902 ug/l

RT: 2.313 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045391.D

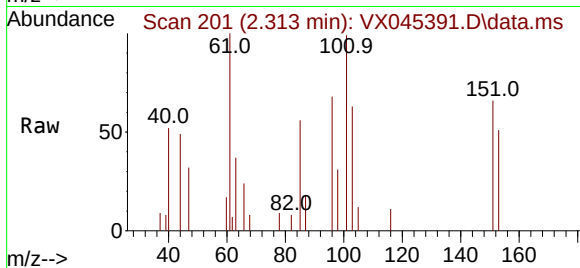
Acq: 21 Mar 2025 16:25

Instrument :

MSVOA_X

ClientSampleId :

TT191D1-20250314



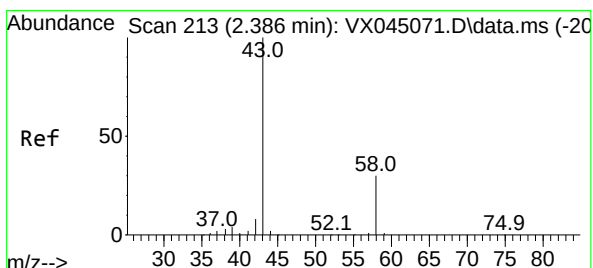
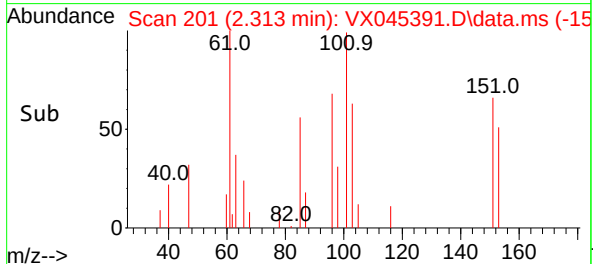
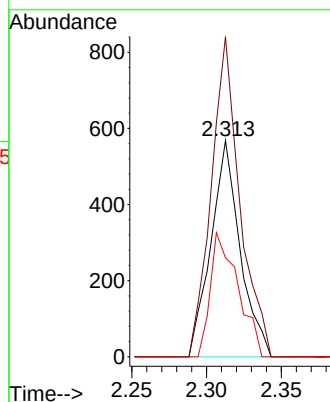
Tgt Ion: 96 Resp: 769

Ion Ratio Lower Upper

96 100

61 148.1 134.6 202.0

98 45.8 51.0 76.6#



#16

Acetone

Concen: 2.217 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX045391.D

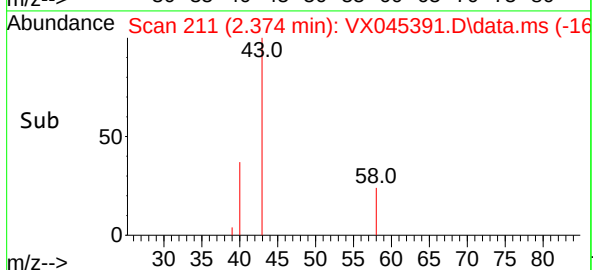
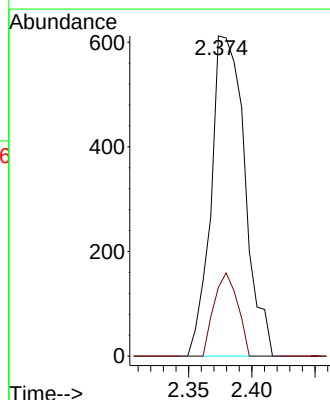
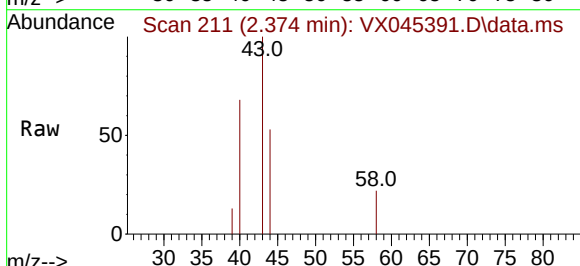
Acq: 21 Mar 2025 16:25

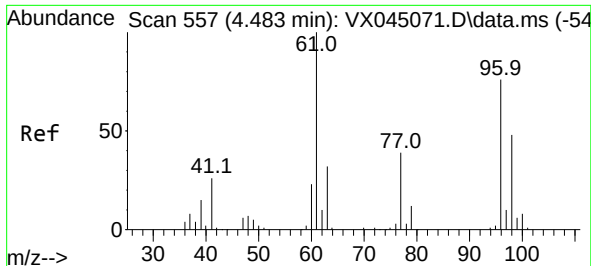
Tgt Ion: 43 Resp: 1135

Ion Ratio Lower Upper

43 100

58 21.6 24.2 36.4#





#27

cis-1,2-Dichloroethene

Concen: 0.283 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045391.D

Acq: 21 Mar 2025 16:25

Instrument :

MSVOA_X

ClientSampleId :

TT191D1-20250314

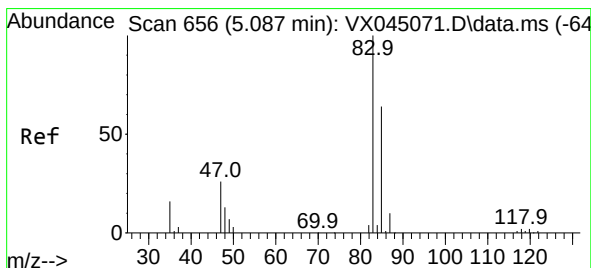
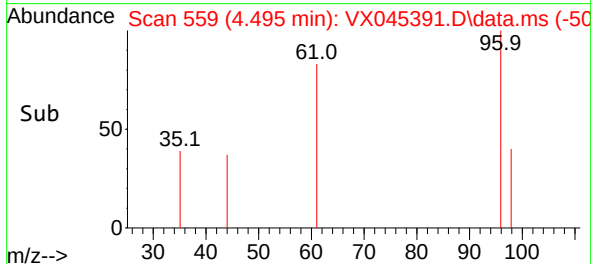
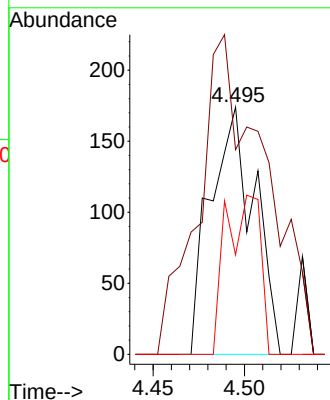
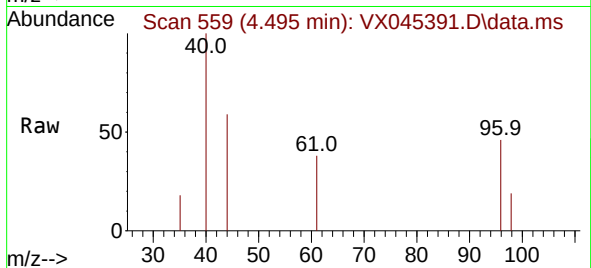
Tgt Ion: 96 Resp: 294

Ion Ratio Lower Upper

96 100

61 193.5 0.0 283.2

98 49.7 0.0 128.0



#30

Chloroform

Concen: 0.332 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045391.D

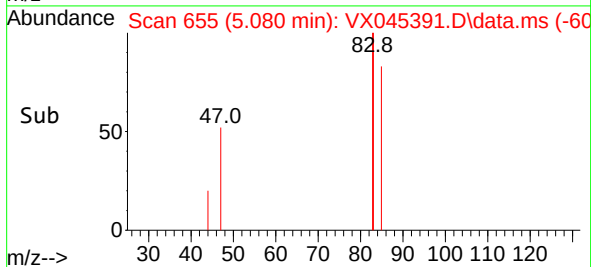
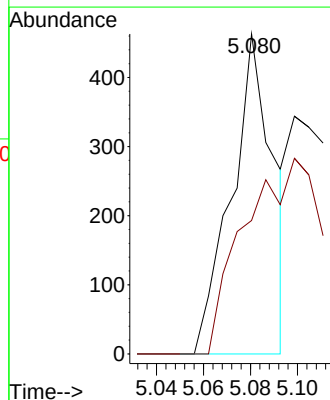
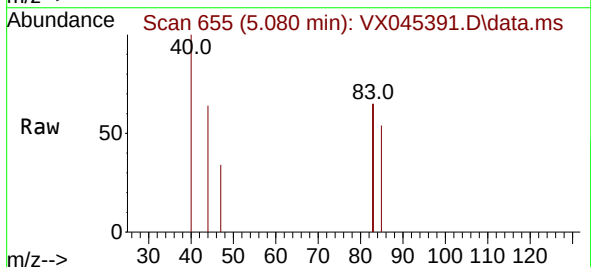
Acq: 21 Mar 2025 16:25

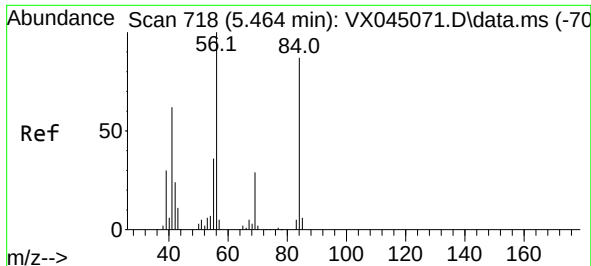
Tgt Ion: 83 Resp: 571

Ion Ratio Lower Upper

83 100

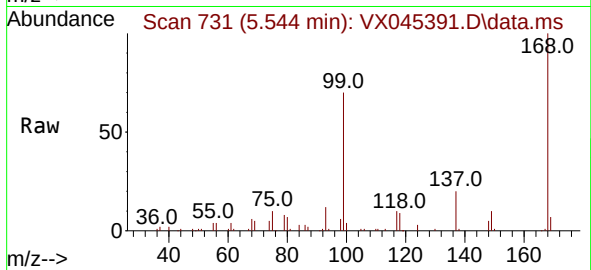
85 41.7 51.4 77.2#



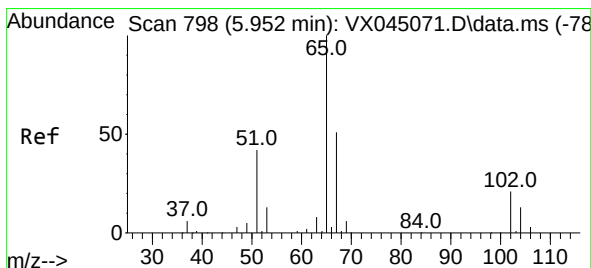
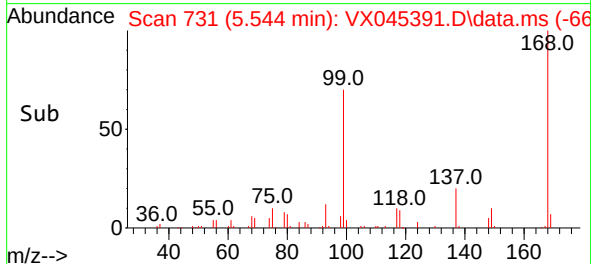
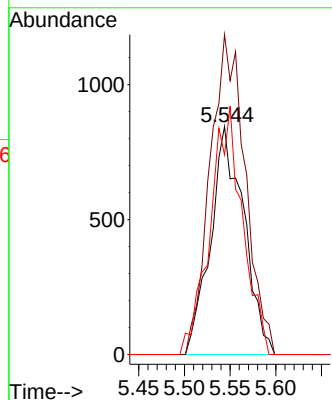


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

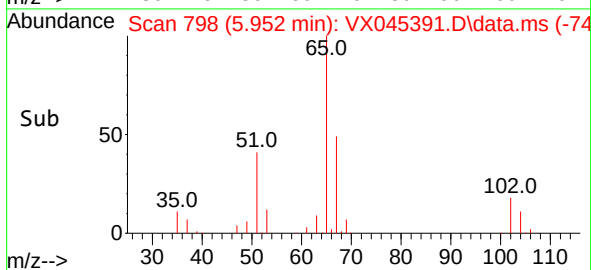
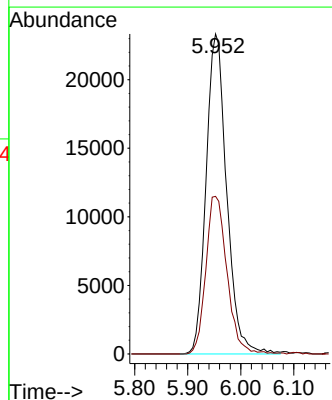
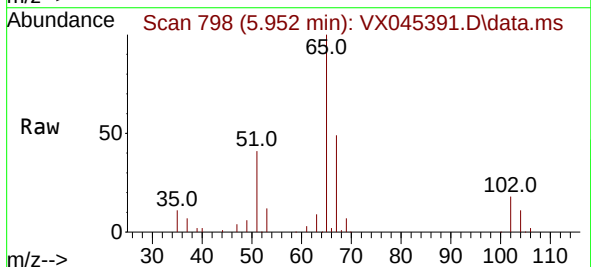


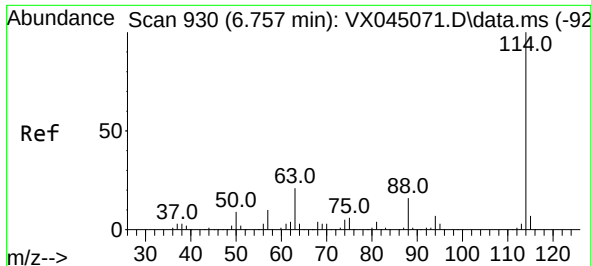
Tgt Ion: 56 Resp: 2138
Ion Ratio Lower Upper
56 100
69 140.2 23.4 35.2#
84 87.6 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 56.966 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 65 Resp: 62859
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2

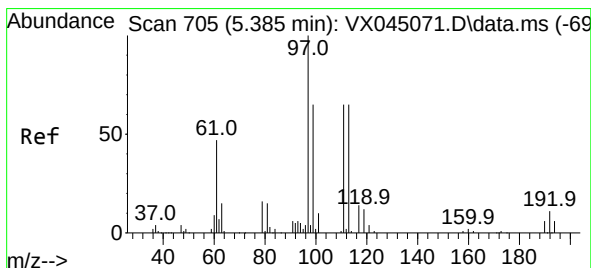
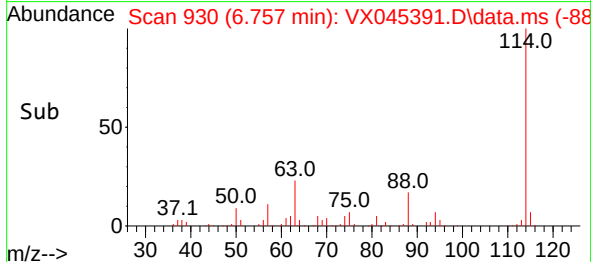
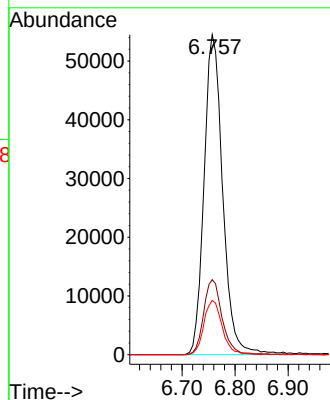
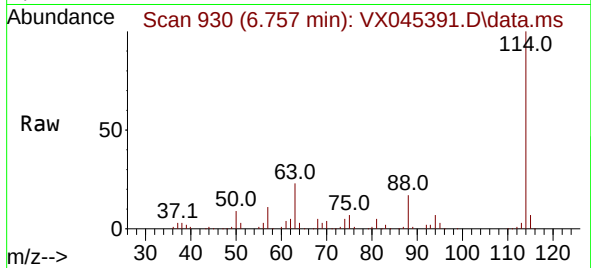




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

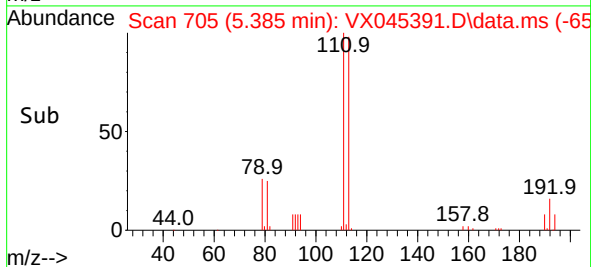
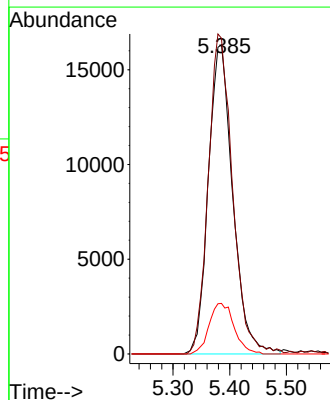
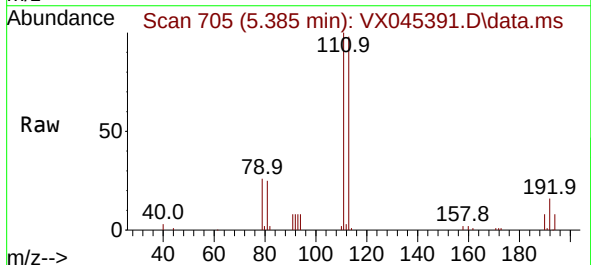
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

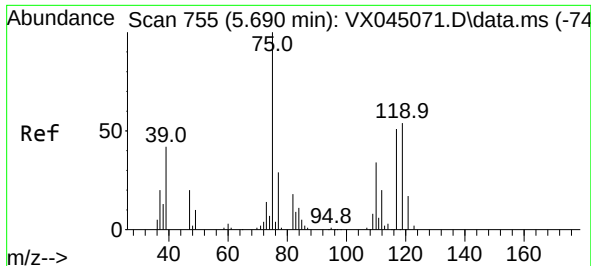
Tgt Ion:	114	Resp:	133271
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	41.8
88	16.9	0.0	32.8



#35
Dibromofluoromethane
Concen: 54.569 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

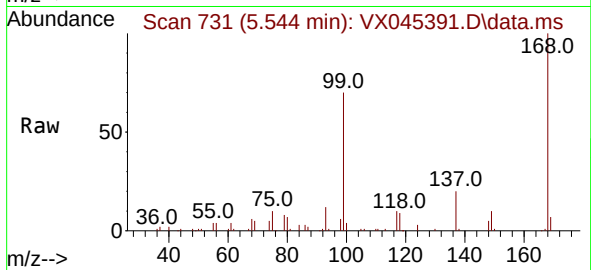
Tgt Ion:	113	Resp:	48629
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	16.8	14.3	21.5



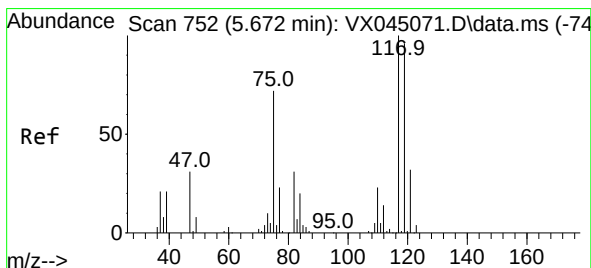
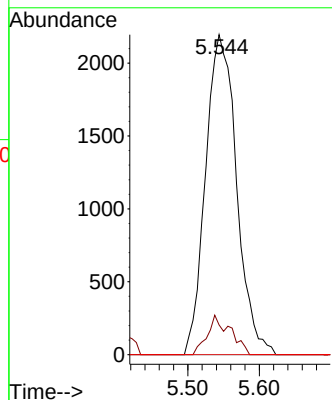
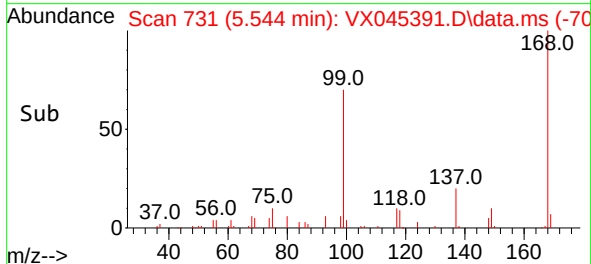


#36
1,1-Dichloropropene
Concen: 5.418 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

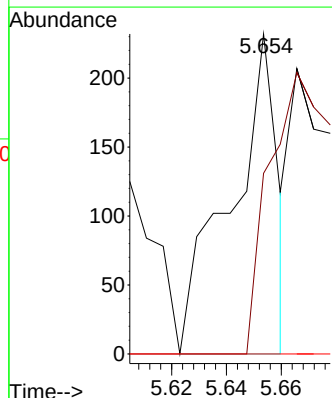
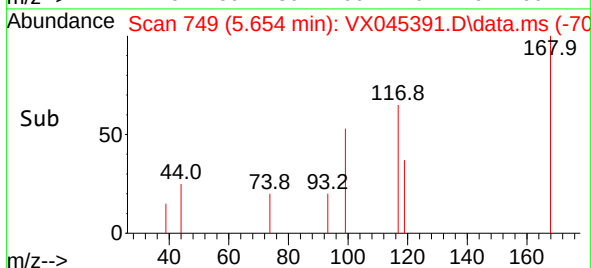
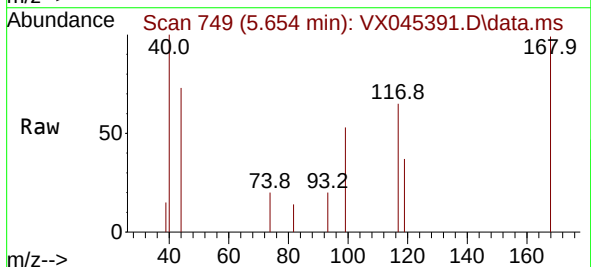


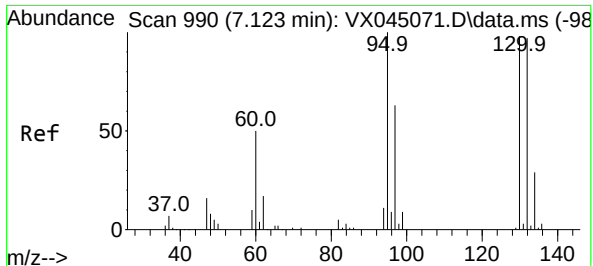
Tgt Ion: 75 Resp: 6621
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 0.222 ug/l
RT: 5.654 min Scan# 749
Delta R.T. -0.018 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 117 Resp: 276
Ion Ratio Lower Upper
117 100
119 56.5 76.7 115.1#
121 0.0 25.5 38.3#

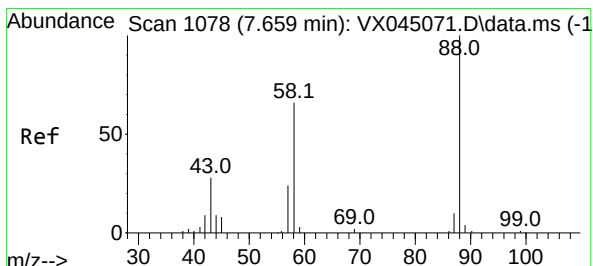
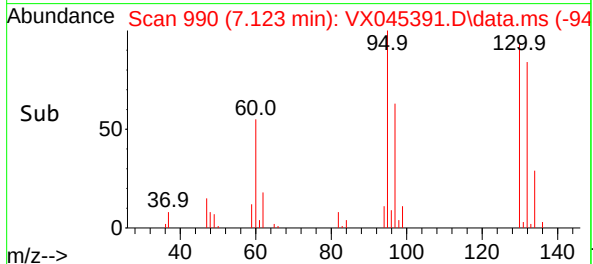
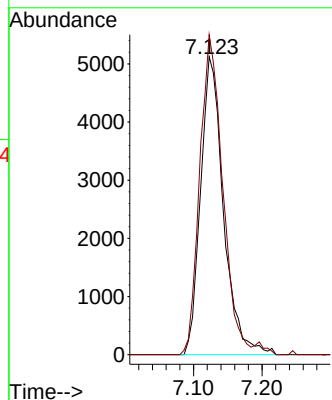
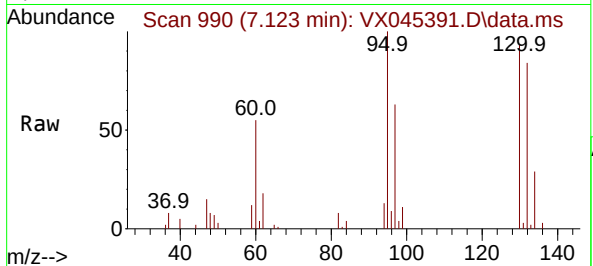




#44
Trichloroethene
Concen: 13.123 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

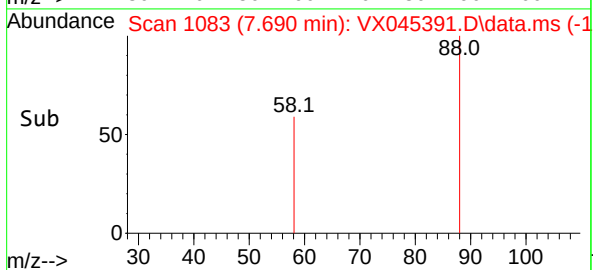
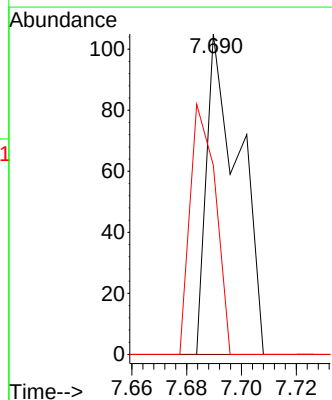
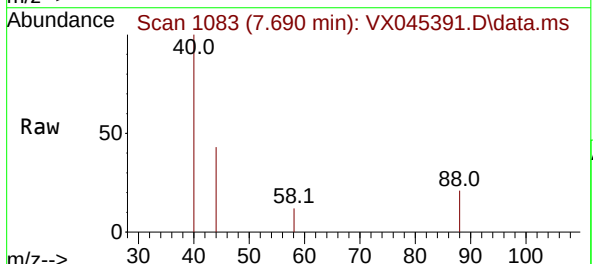
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

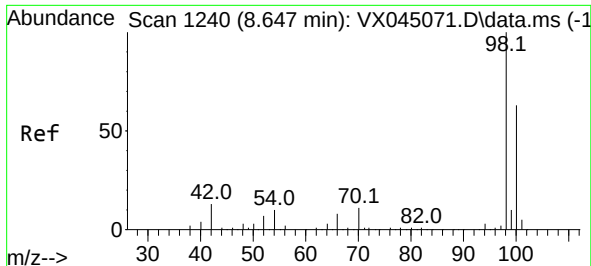
Tgt Ion:130 Resp: 11892
Ion Ratio Lower Upper
130 100
95 107.4 0.0 205.0



#49
1,4-Dioxane
Concen: 3.490 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.031 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 0.0 28.7 43.1#
58 61.6 55.8 83.8

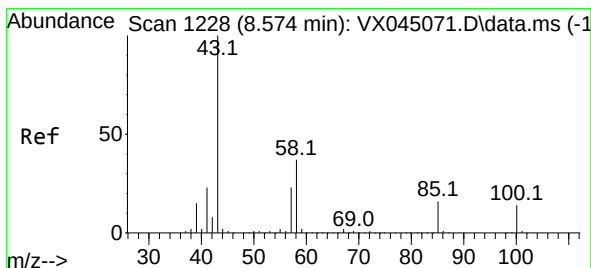
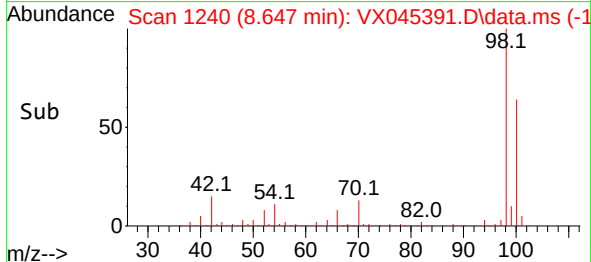
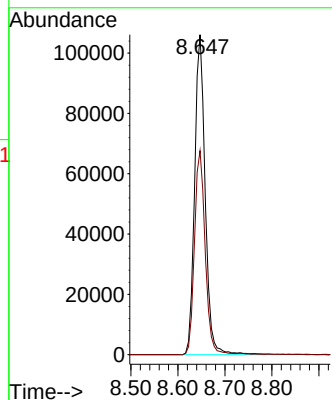
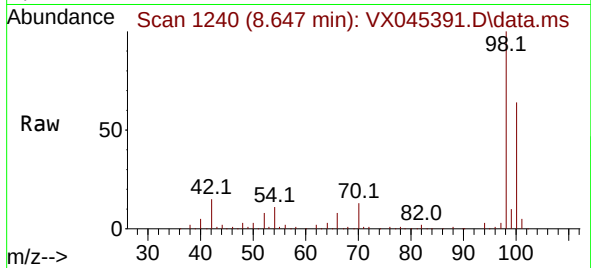




#50
Toluene-d8
Concen: 51.618 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

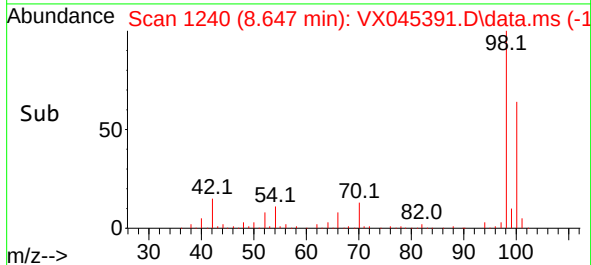
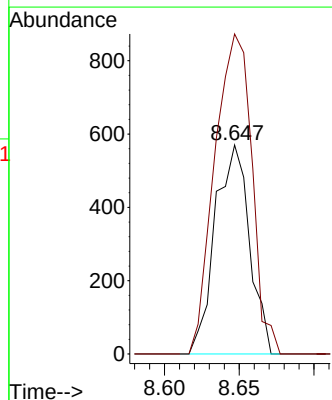
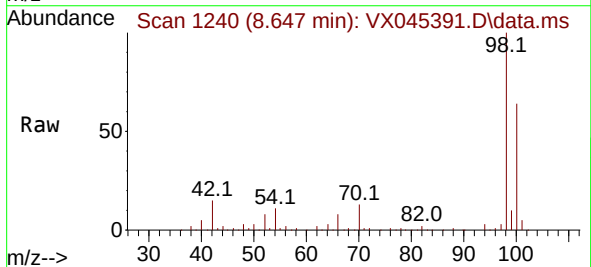
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

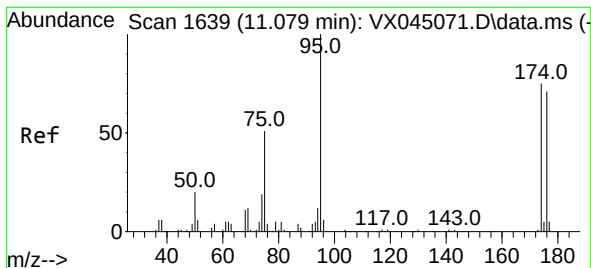
Tgt Ion: 98 Resp: 166764
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 165.9 29.2 43.8#

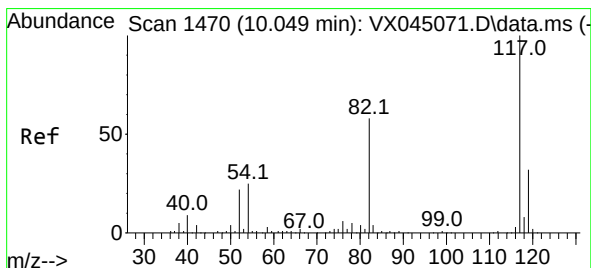
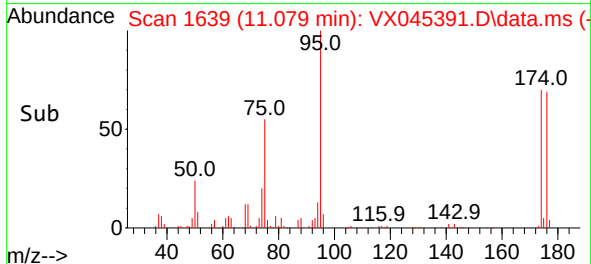
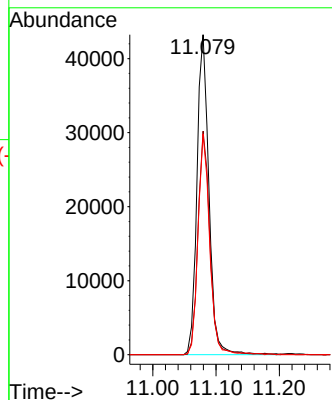
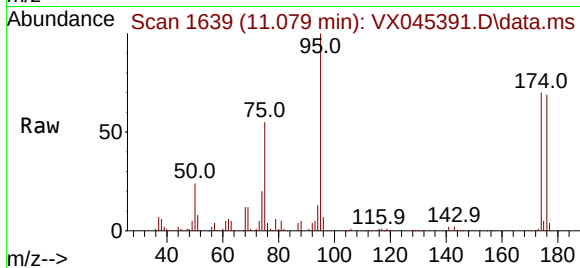




#62
4-Bromofluorobenzene
Concen: 53.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

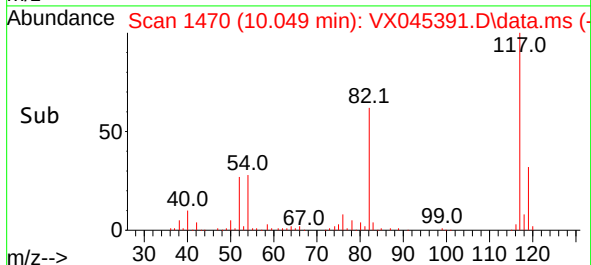
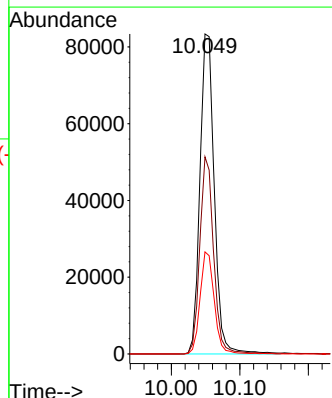
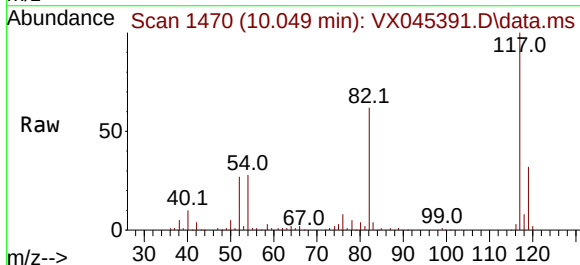
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

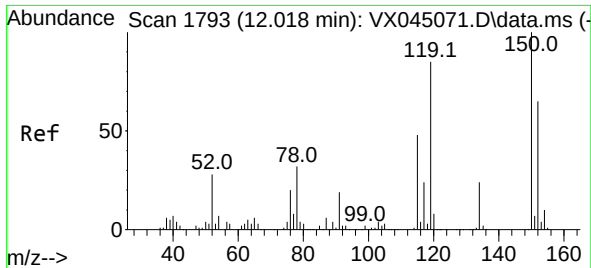
Tgt Ion: 95 Resp: 56902
Ion Ratio Lower Upper
95 100
174 69.5 0.0 148.2
176 67.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Tgt Ion: 117 Resp: 121816
Ion Ratio Lower Upper
117 100
82 61.6 46.3 69.5
119 31.9 25.7 38.5

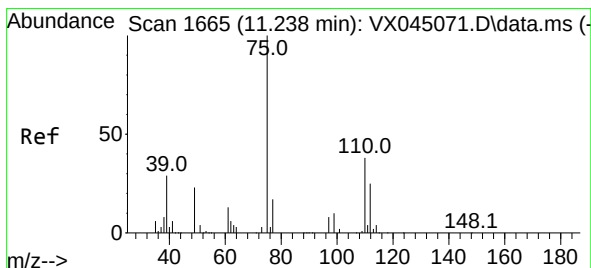
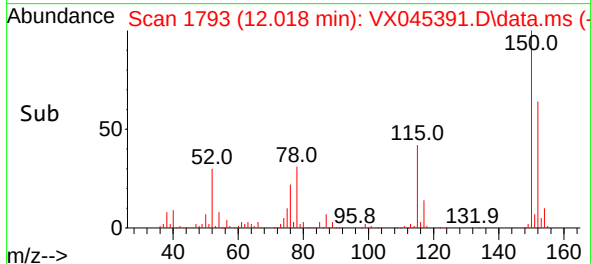
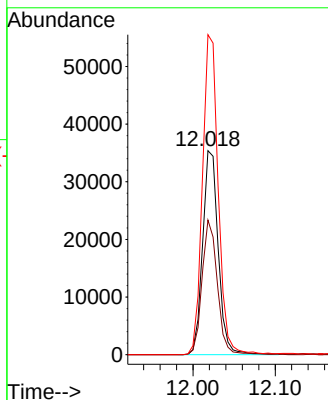
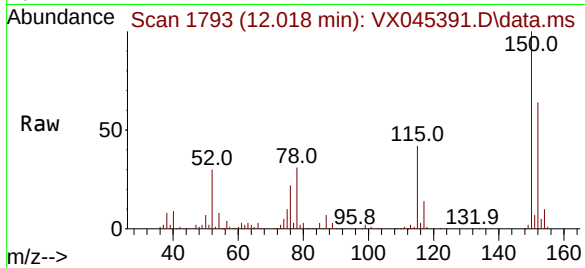




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

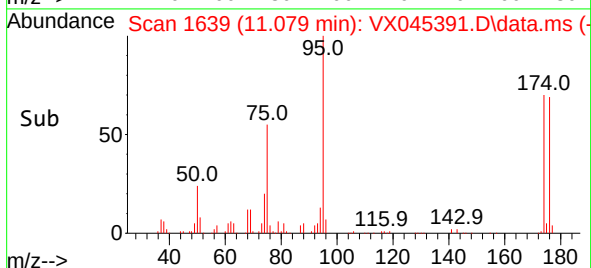
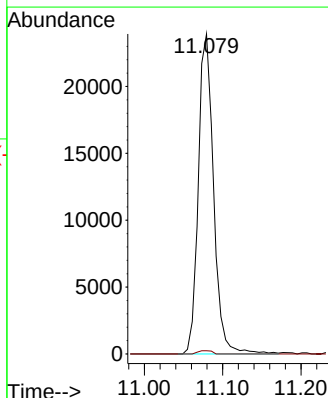
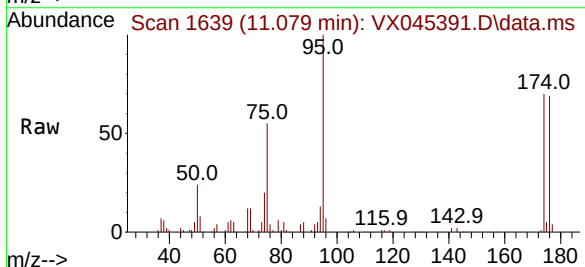
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314

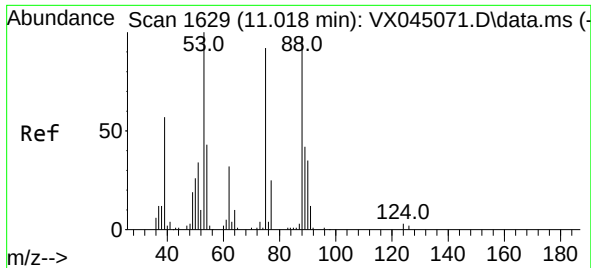
Tgt Ion:152 Resp: 46699
Ion Ratio Lower Upper
152 100
115 64.8 44.2 132.6
150 158.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

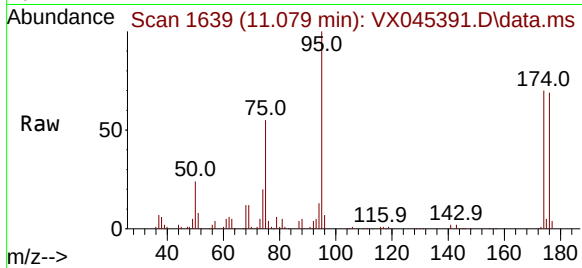
Tgt Ion: 75 Resp: 32457
Ion Ratio Lower Upper
75 100
77 0.9 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 102.191 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045391.D
Acq: 21 Mar 2025 16:25

Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20250314



Tgt Ion: 75 Resp: 32457
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

