

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045573.D
 Acq On : 03 Apr 2025 16:00
 Operator : JC/MD
 Sample : Q1711-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225-SIM

Quant Time: Apr 04 01:24:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

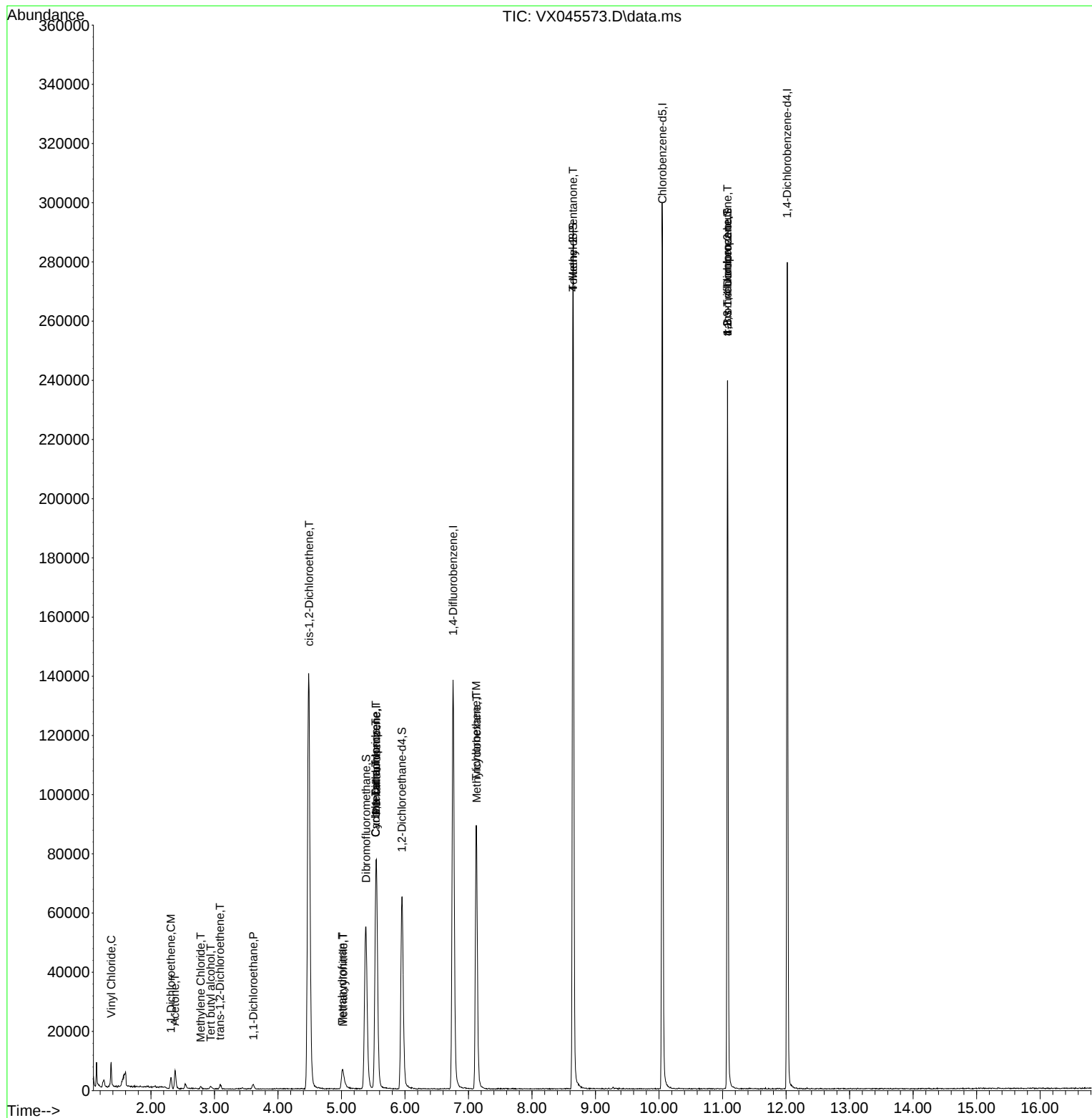
Internal Standards						
1) Pentafluorobenzene	5.550	168	68095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65996	52.997	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.000%	
35) Dibromofluoromethane	5.385	113	47793	51.706	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.420%	
50) Toluene-d8	8.647	98	163714	50.744	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.480%	
62) 4-Bromofluorobenzene	11.079	95	60157	51.190	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	102.380%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	4444	4.642	ug/l	99
11) Tert butyl alcohol	2.941	59	432	2.581	ug/l #	72
12) 1,1-Dichloroethene	2.313	96	1148	1.404	ug/l	88
16) Acetone	2.380	43	6742	13.185	ug/l	96
20) Methylene Chloride	2.782	84	401	0.419	ug/l #	92
21) trans-1,2-Dichloroethene	3.087	96	566	0.678	ug/l #	71
24) 1,1-Dichloroethane	3.611	63	2015	1.166	ug/l #	89
27) cis-1,2-Dichloroethene	4.489	96	83135	81.705	ug/l	91
29) Tetrahydrofuran	5.013	42	6600	13.600	ug/l	96
31) Cyclohexane	5.538	56	2146	1.405	ug/l #	57
36) 1,1-Dichloropropene	5.544	75	6754	5.412	ug/l #	50
38) Carbon Tetrachloride	5.538	117	7956	5.899	ug/l #	15
39) Methylcyclohexane	7.129	83	441	0.288	ug/l #	1
41) Methacrylonitrile	5.026	41	4041	4.870	ug/l #	50
44) Trichloroethene	7.123	130	33336	36.797	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	903	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35570	28.994	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35570	98.401	ug/l #	1

(#) = 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: VX045573.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

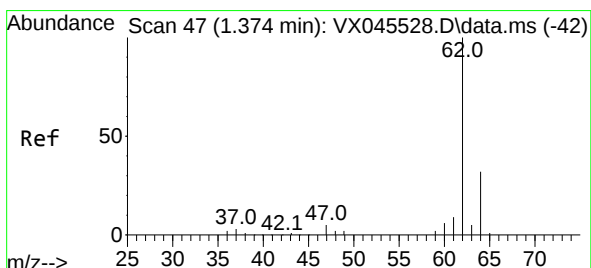
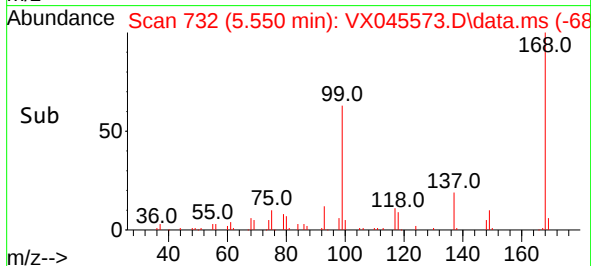
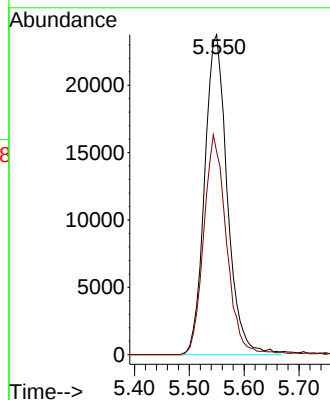
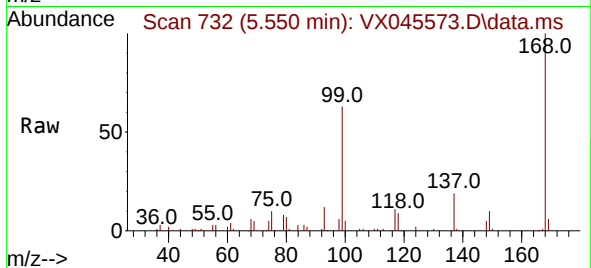
MW-18B-56-040225-SIM

Tgt Ion:168 Resp: 68095

Ion Ratio Lower Upper

168 100

99 63.4 52.3 78.5



#4

Vinyl Chloride

Concen: 4.642 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX045573.D

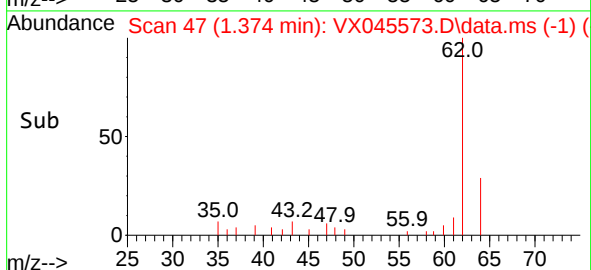
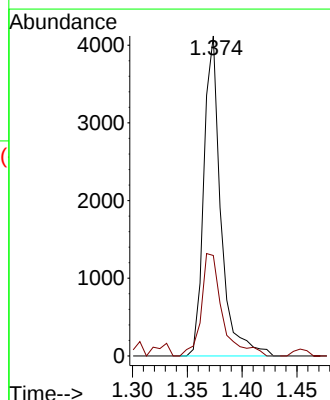
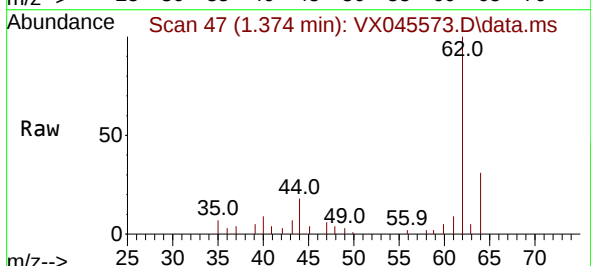
Acq: 03 Apr 2025 16:00

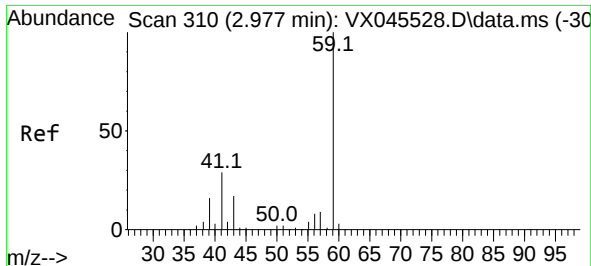
Tgt Ion: 62 Resp: 4444

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3

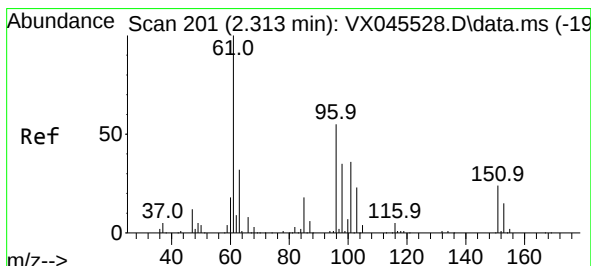
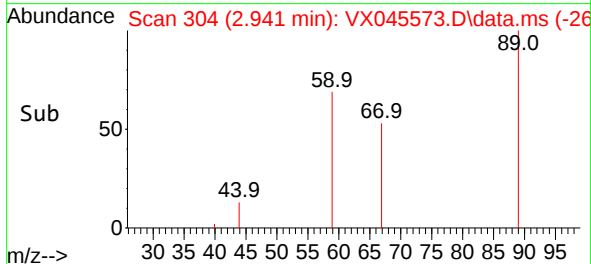
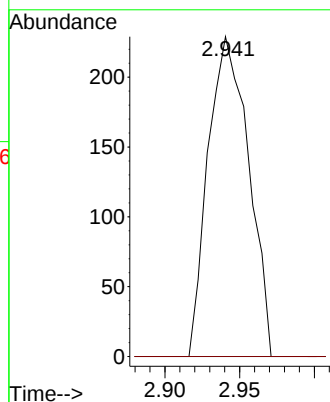
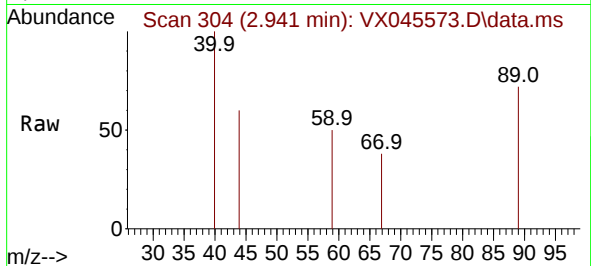




#11
Tert butyl alcohol
Concen: 2.581 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

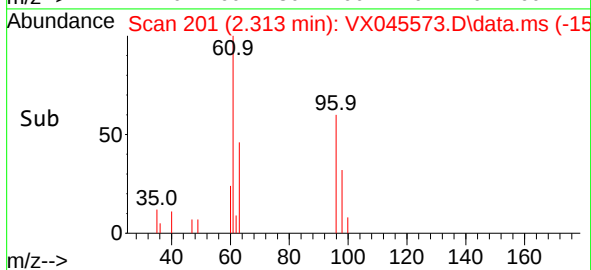
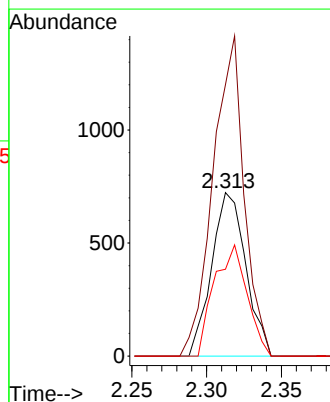
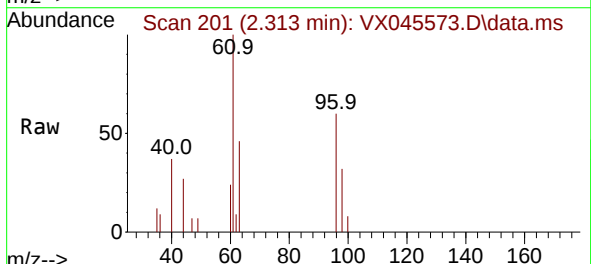
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225-SIM

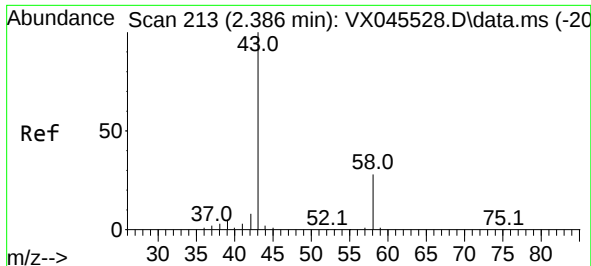
Tgt Ion: 59 Resp: 432
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 1.404 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 96 Resp: 1148
Ion Ratio Lower Upper
96 100
61 166.1 145.7 218.5
98 53.1 51.6 77.4

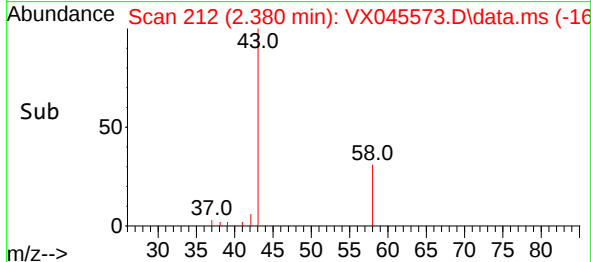
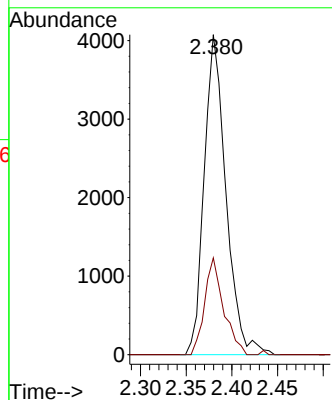
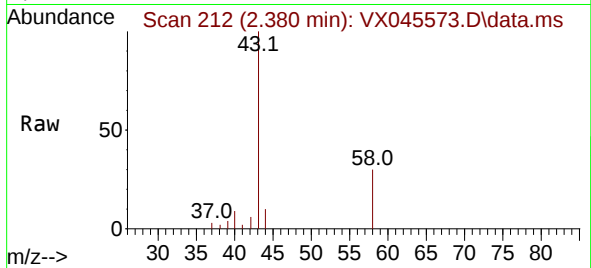




#16
Acetone
Concen: 13.185 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

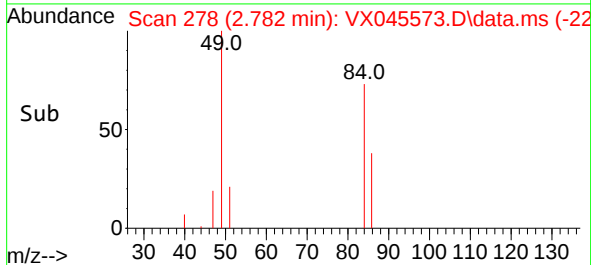
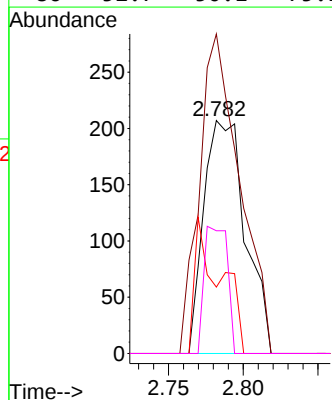
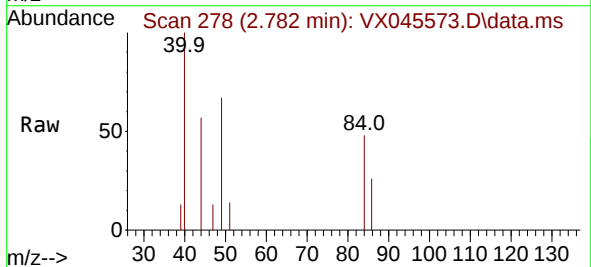
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225-SIM

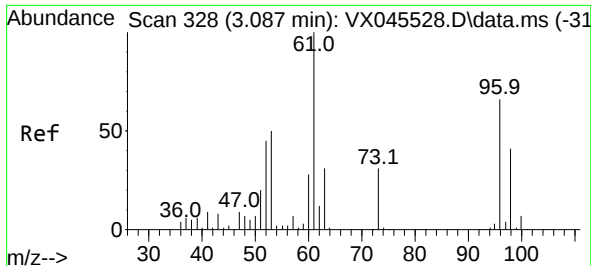
Tgt Ion: 43 Resp: 6742
Ion Ratio Lower Upper
43 100
58 30.3 22.3 33.5



#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 84 Resp: 401
Ion Ratio Lower Upper
84 100
49 137.2 107.5 161.3
51 28.5 33.0 49.6#
86 52.7 50.1 75.1

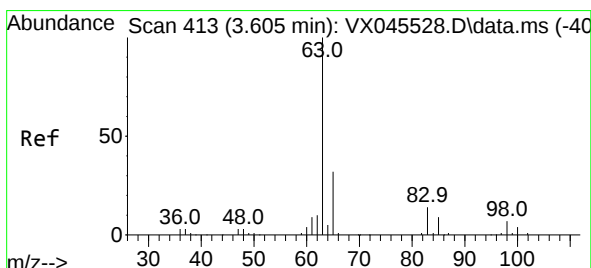
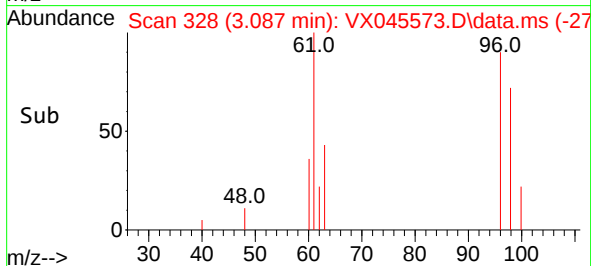
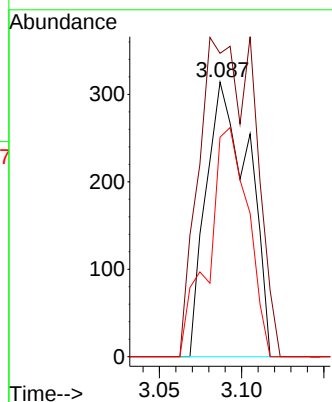
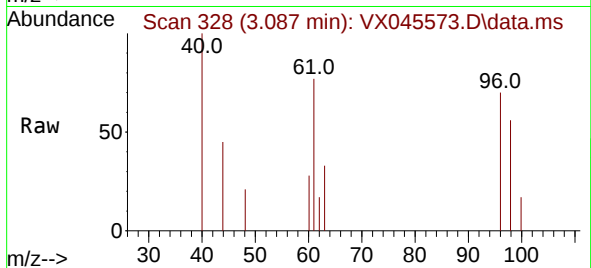




#21
trans-1,2-Dichloroethene
Concen: 0.678 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

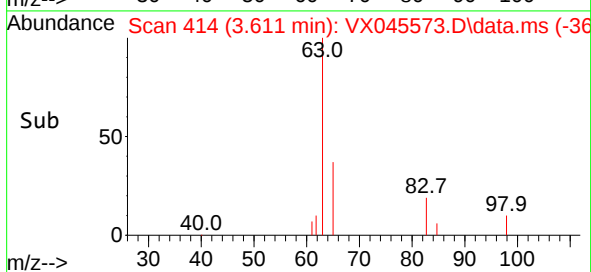
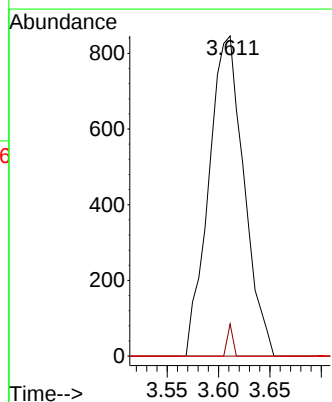
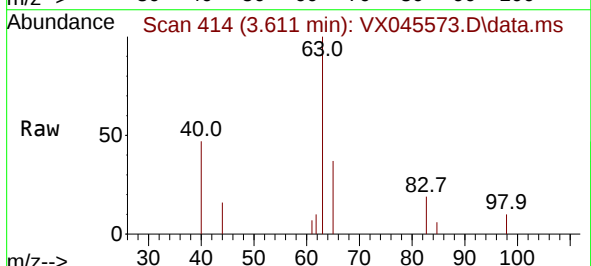
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225-SIM

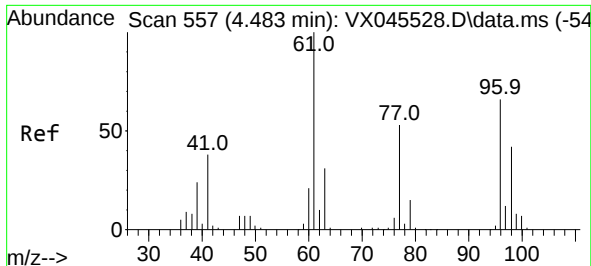
Tgt Ion: 96 Resp: 566
Ion Ratio Lower Upper
96 100
61 110.5 121.0 181.6#
98 79.9 49.7 74.5#



#24
1,1-Dichloroethane
Concen: 1.166 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 63 Resp: 2015
Ion Ratio Lower Upper
63 100
98 10.0 3.4 10.1
100 0.0 2.2 6.6#





#27

cis-1,2-Dichloroethene

Concen: 81.705 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045573.D

Acq: 03 Apr 2025 16:00

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-56-040225-SIM

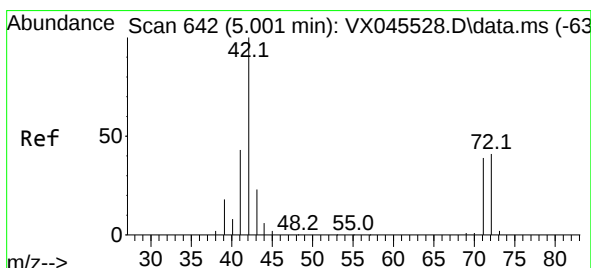
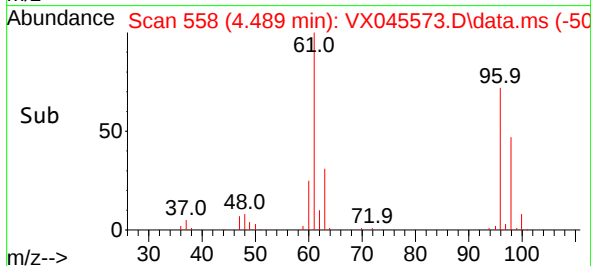
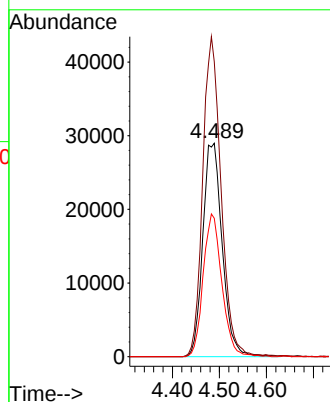
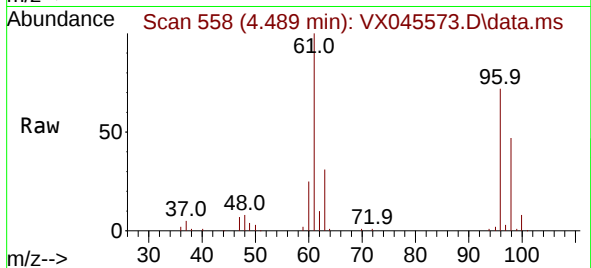
Tgt Ion: 96 Resp: 83135

Ion Ratio Lower Upper

96 100

61 141.5 0.0 313.2

98 64.3 0.0 126.4



#29

Tetrahydrofuran

Concen: 13.600 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX045573.D

Acq: 03 Apr 2025 16:00

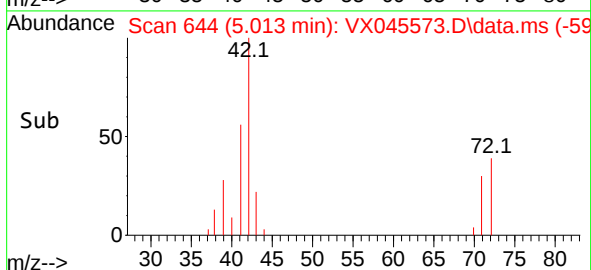
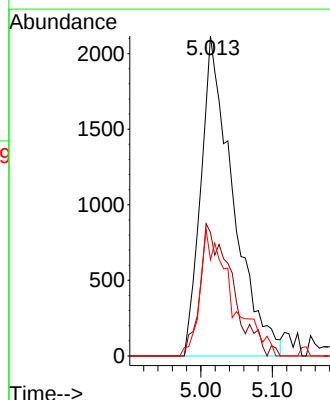
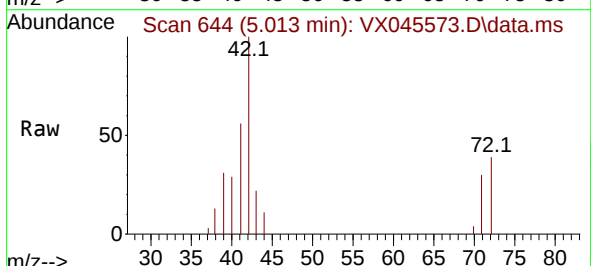
Tgt Ion: 42 Resp: 6600

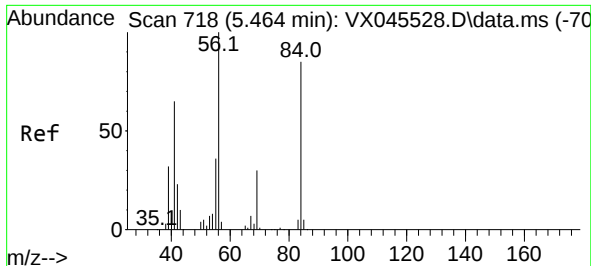
Ion Ratio Lower Upper

42 100

72 37.1 33.4 50.0

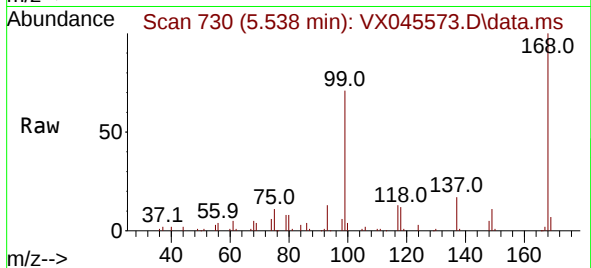
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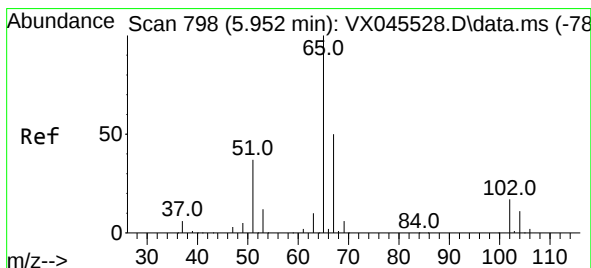
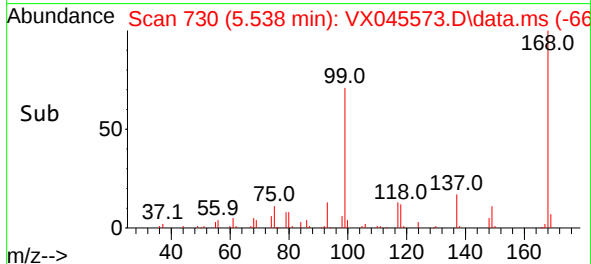
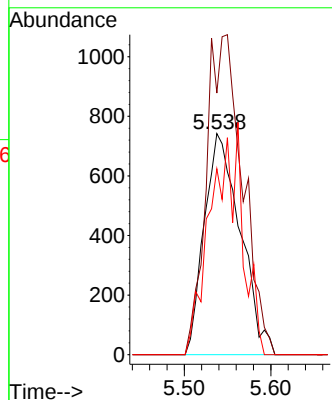


#31
Cyclohexane
Concen: 1.405 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

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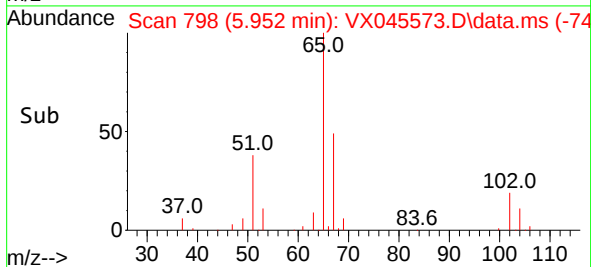
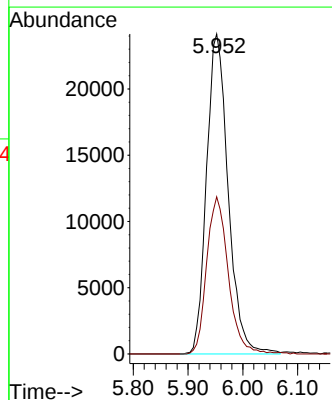
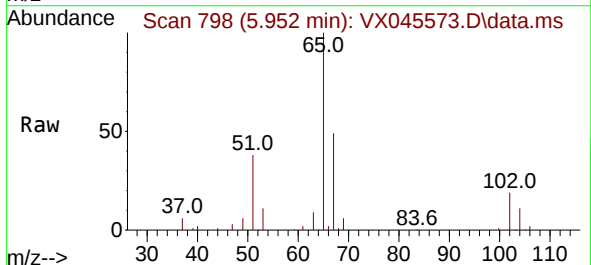


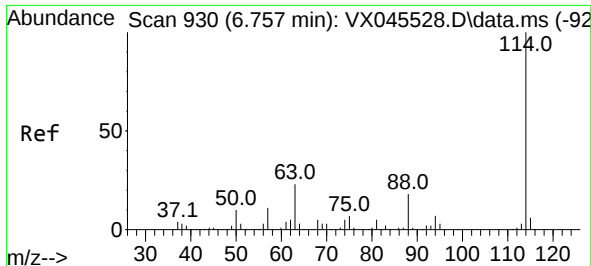
Tgt Ion: 56 Resp: 2146
Ion Ratio Lower Upper
56 100
69 118.3 23.6 35.4#
84 84.1 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 52.997 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 65 Resp: 65996
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

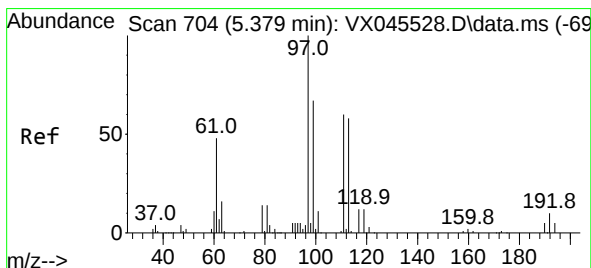
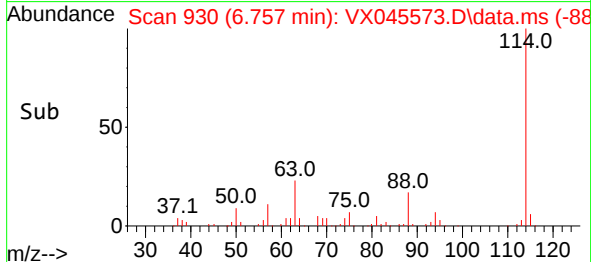
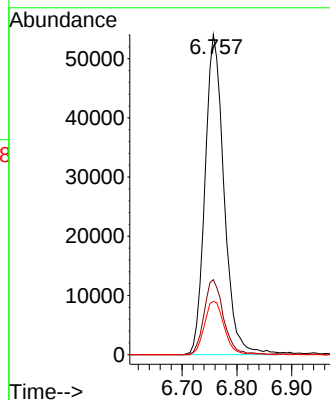
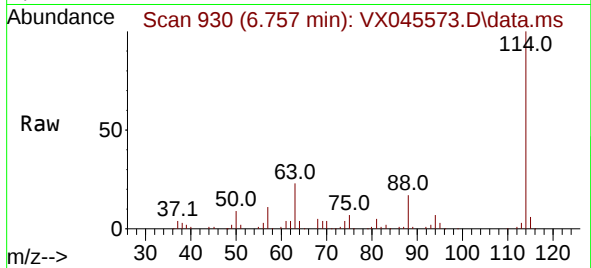




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

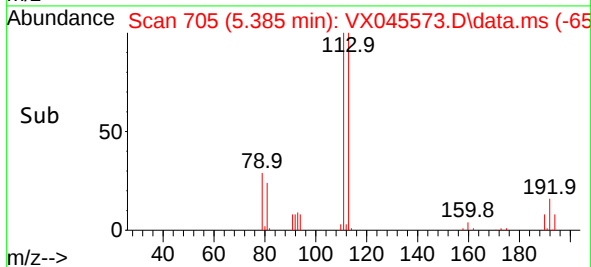
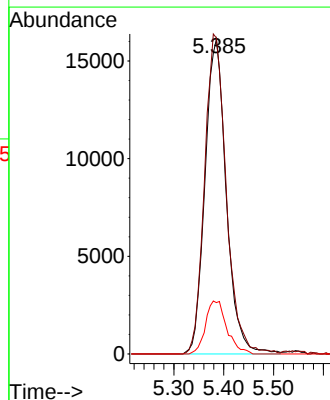
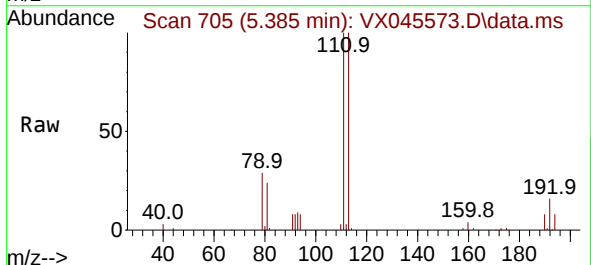
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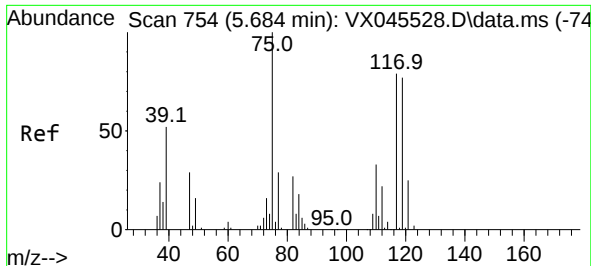
Tgt Ion:114 Resp: 130278
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.8
88 16.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.706 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Tgt Ion:113 Resp: 47793
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 16.9 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.412 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045573.D

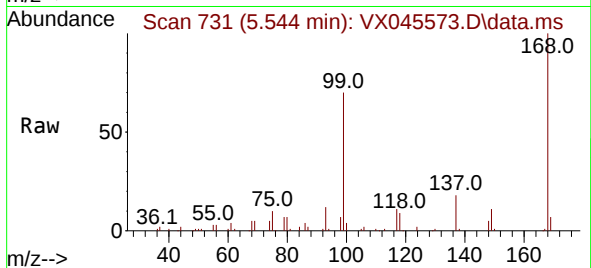
Acq: 03 Apr 2025 16:00

Instrument :

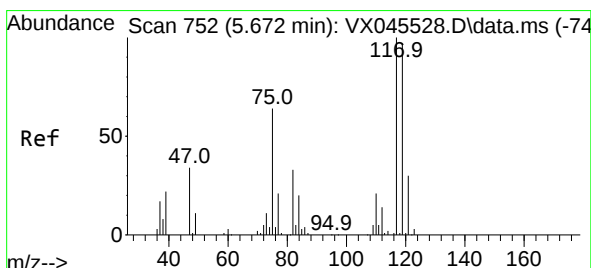
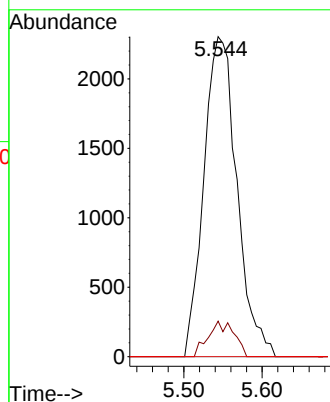
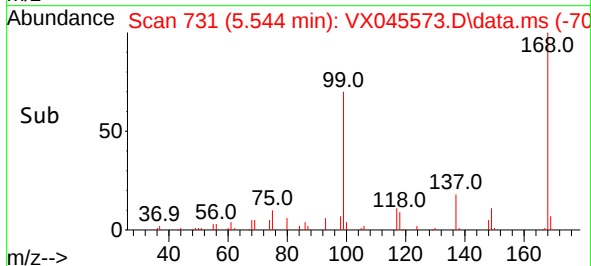
MSVOA_X

ClientSampleId :

MW-18B-56-040225-SIM



Tgt Ion:	75	Resp:	6754
Ion Ratio	100	Lower	Upper
75	100		
110	8.7	16.9	50.6#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.899 ug/l

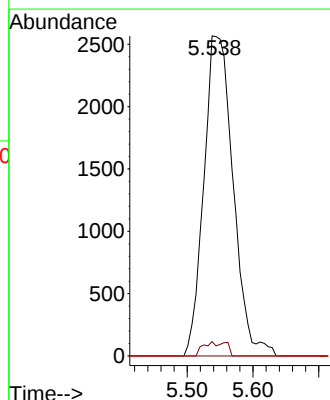
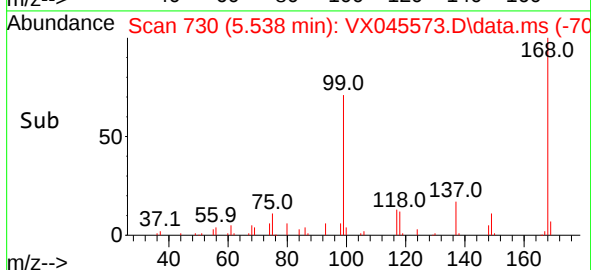
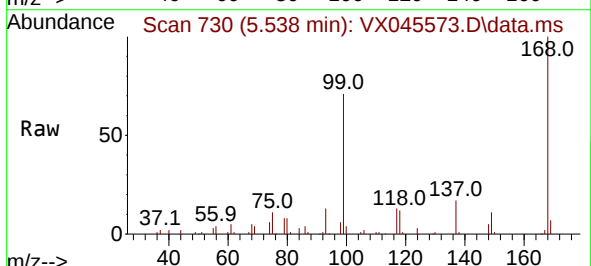
RT: 5.538 min Scan# 730

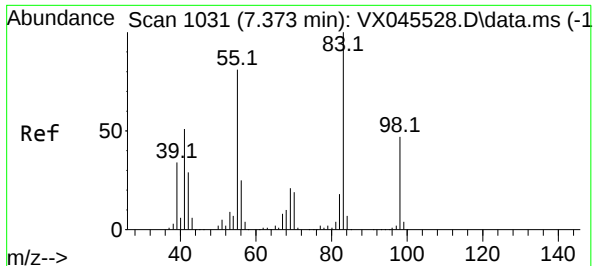
Delta R.T. -0.134 min

Lab File: VX045573.D

Acq: 03 Apr 2025 16:00

Tgt Ion:	117	Resp:	7956
Ion Ratio	100	Lower	Upper
117	100		
119	4.5	76.9	115.3#
121	0.0	24.2	36.2#





#39

Methylcyclohexane

Concen: 0.288 ug/l

RT: 7.129 min Scan# 91

Delta R.T. -0.244 min

Lab File: VX045573.D

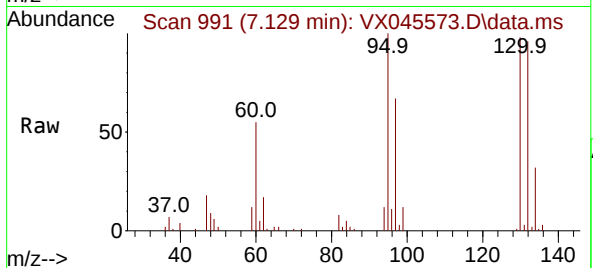
Acq: 03 Apr 2025 16:00

Instrument :

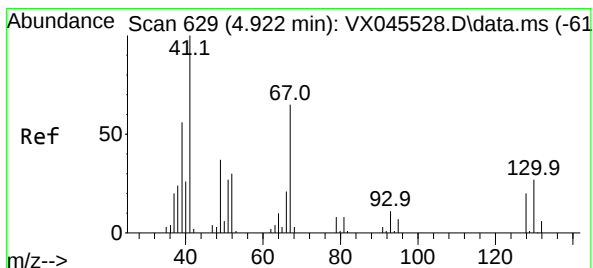
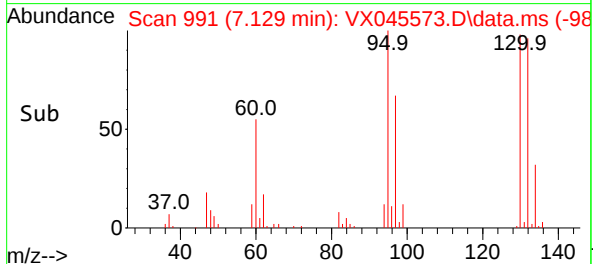
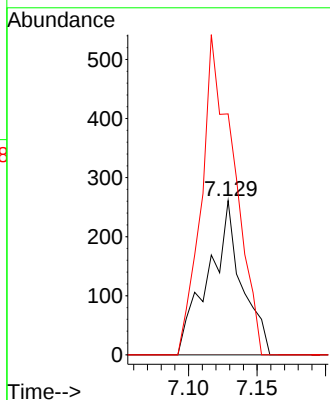
MSVOA_X

ClientSampleId :

MW-18B-56-040225-SIM



Tgt Ion: 83	Resp: 441
Ion Ratio	Lower Upper
83	100
55	0.0 64.9 97.3#
98	156.3 37.4 56.0#



#41

Methacrylonitrile

Concen: 4.870 ug/l

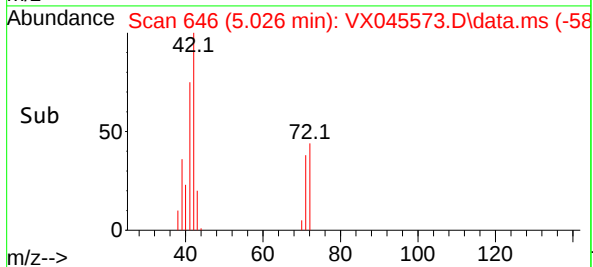
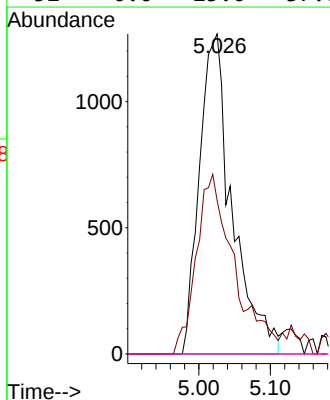
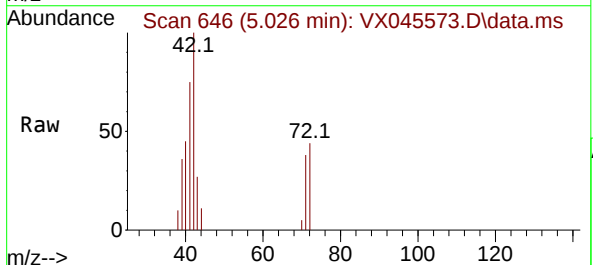
RT: 5.026 min Scan# 646

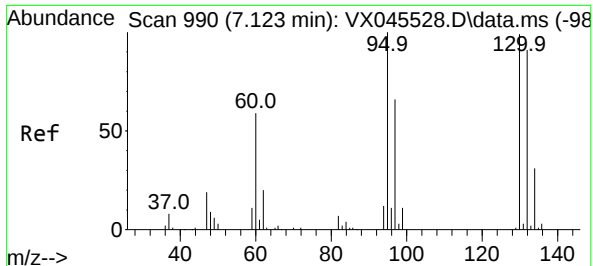
Delta R.T. 0.104 min

Lab File: VX045573.D

Acq: 03 Apr 2025 16:00

Tgt Ion: 41	Resp: 4041
Ion Ratio	Lower Upper
41	100
39	64.8 47.0 70.6
67	0.0 53.2 79.8#
52	0.0 25.0 37.6#

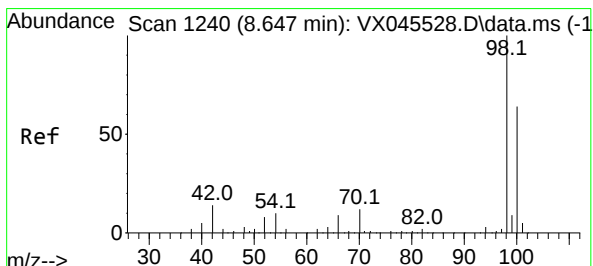
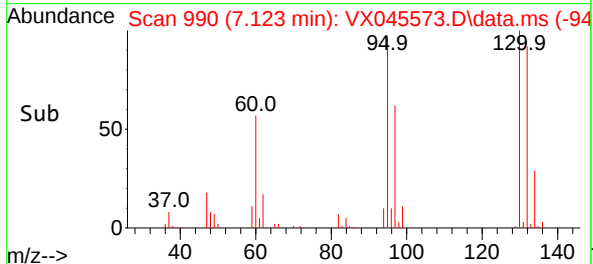
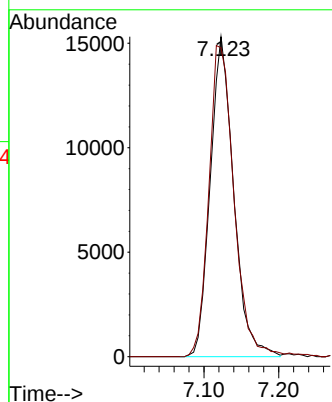
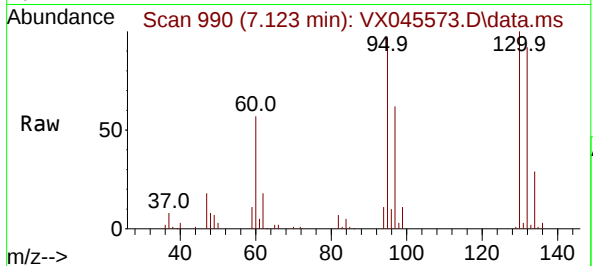




#44
 Trichloroethene
 Concen: 36.797 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX045573.D
 Acq: 03 Apr 2025 16:00

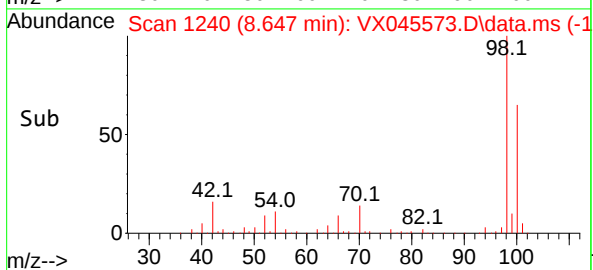
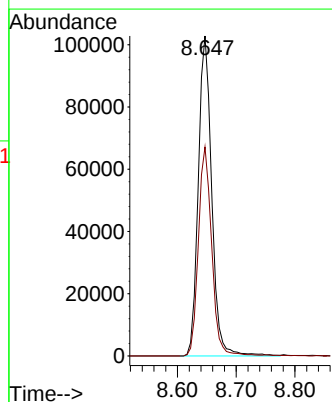
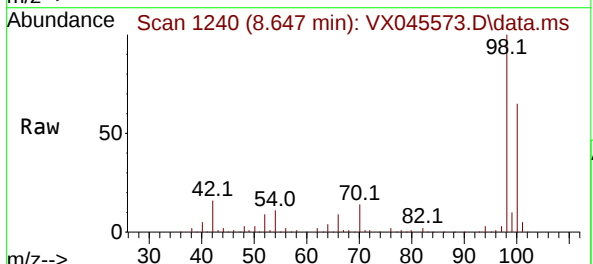
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-56-040225-SIM

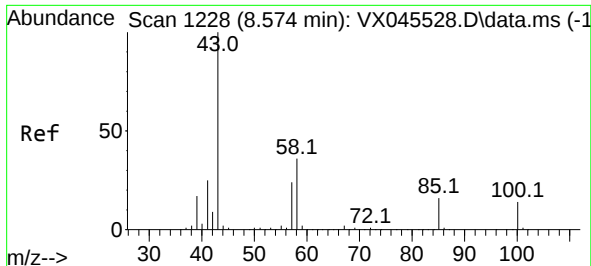
Tgt Ion:130 Resp: 33336
 Ion Ratio Lower Upper
 130 100
 95 96.5 0.0 202.0



#50
 Toluene-d8
 Concen: 50.744 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX045573.D
 Acq: 03 Apr 2025 16:00

Tgt Ion: 98 Resp: 163714
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.2 78.4

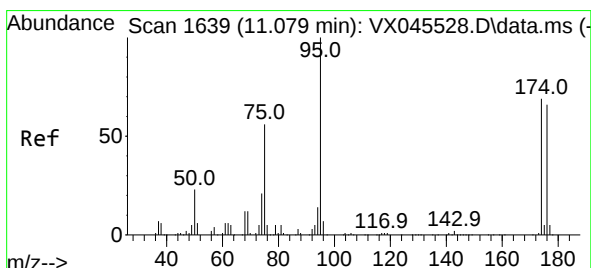
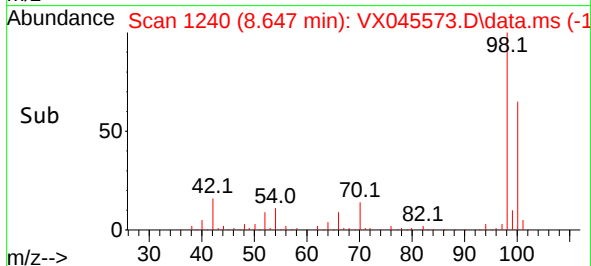
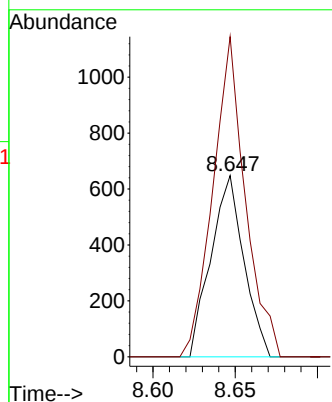
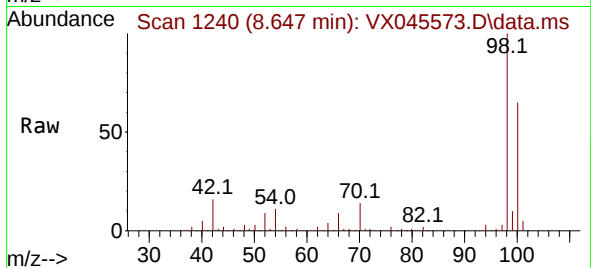




#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

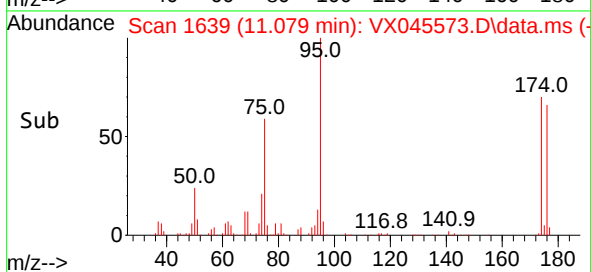
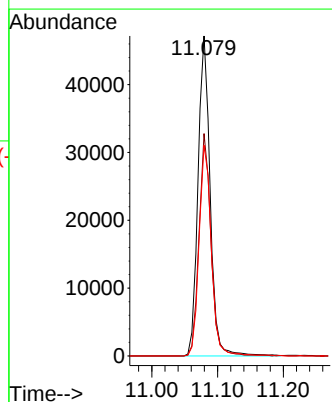
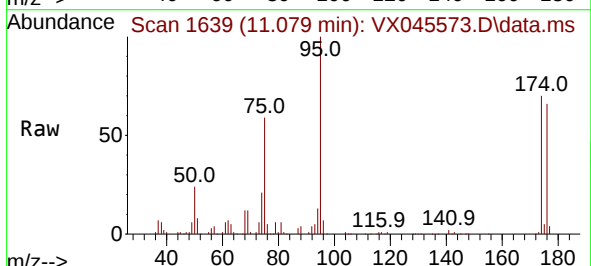
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225-SIM

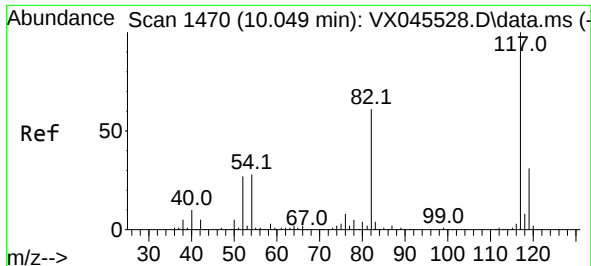
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 173.6 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 95 Resp: 60157
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 66.5 0.0 131.4

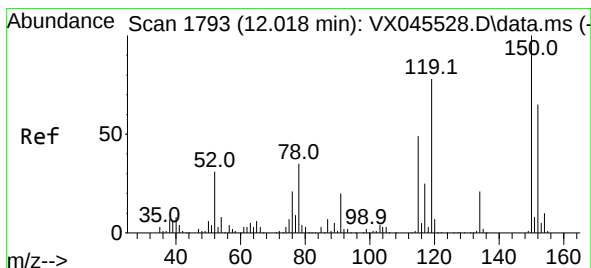
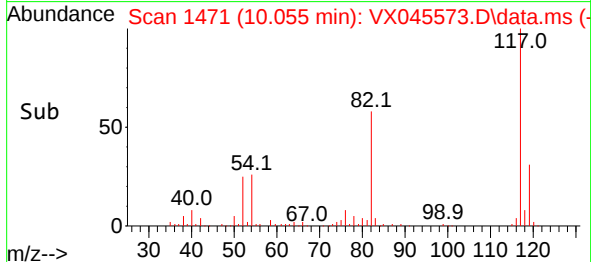
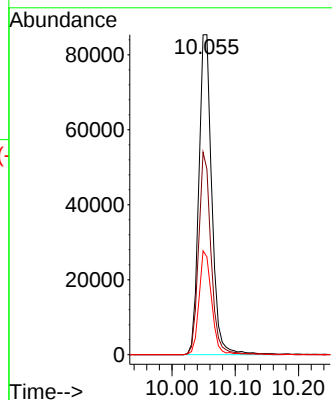
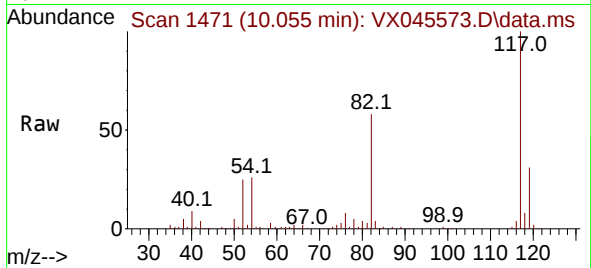




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

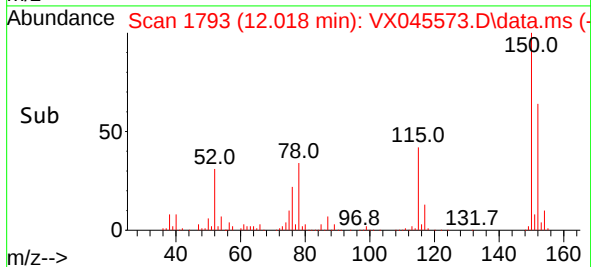
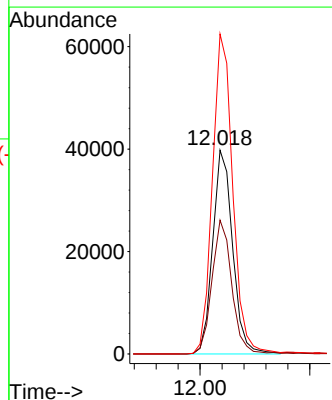
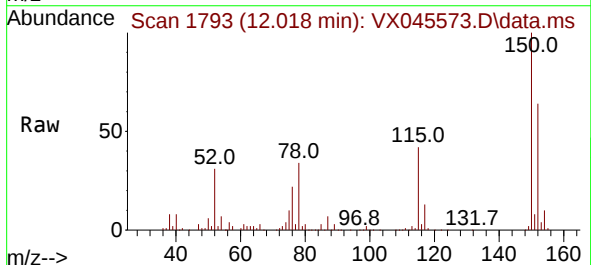
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225-SIM

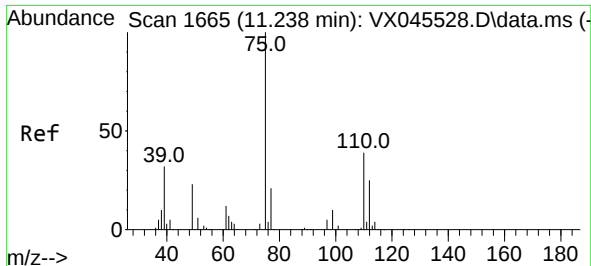
Tgt Ion:117 Resp: 122225
Ion Ratio Lower Upper
117 100
82 58.0 49.2 73.8
119 30.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Tgt Ion:152 Resp: 50295
Ion Ratio Lower Upper
152 100
115 65.7 46.9 140.7
150 161.1 0.0 349.4

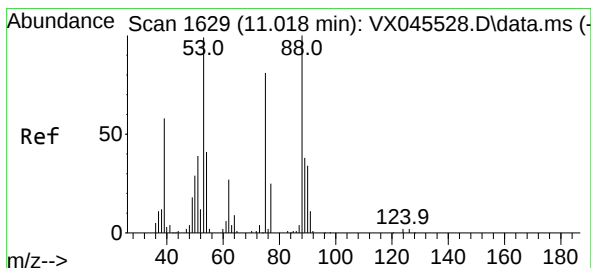
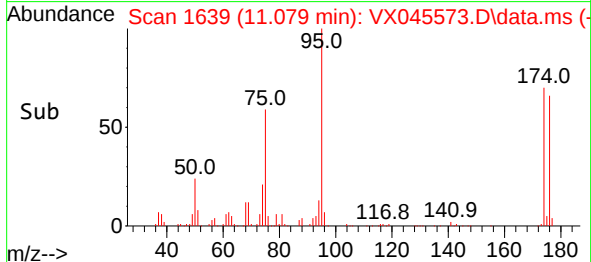
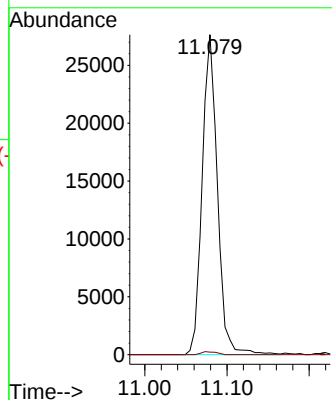
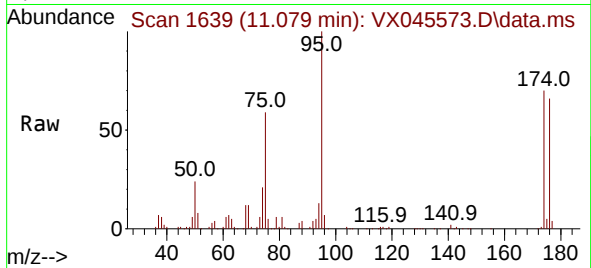




#76
1,2,3-Trichloropropane
Concen: 28.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-56-040225-SIM

Tgt Ion: 75 Resp: 35570
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.401 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045573.D
Acq: 03 Apr 2025 16:00

Tgt Ion: 75 Resp: 35570
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

