

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045720.D
 Acq On : 11 Apr 2025 06:42
 Operator : JC/MD
 Sample : Q1753-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-2

Quant Time: Apr 11 07:30:59 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)

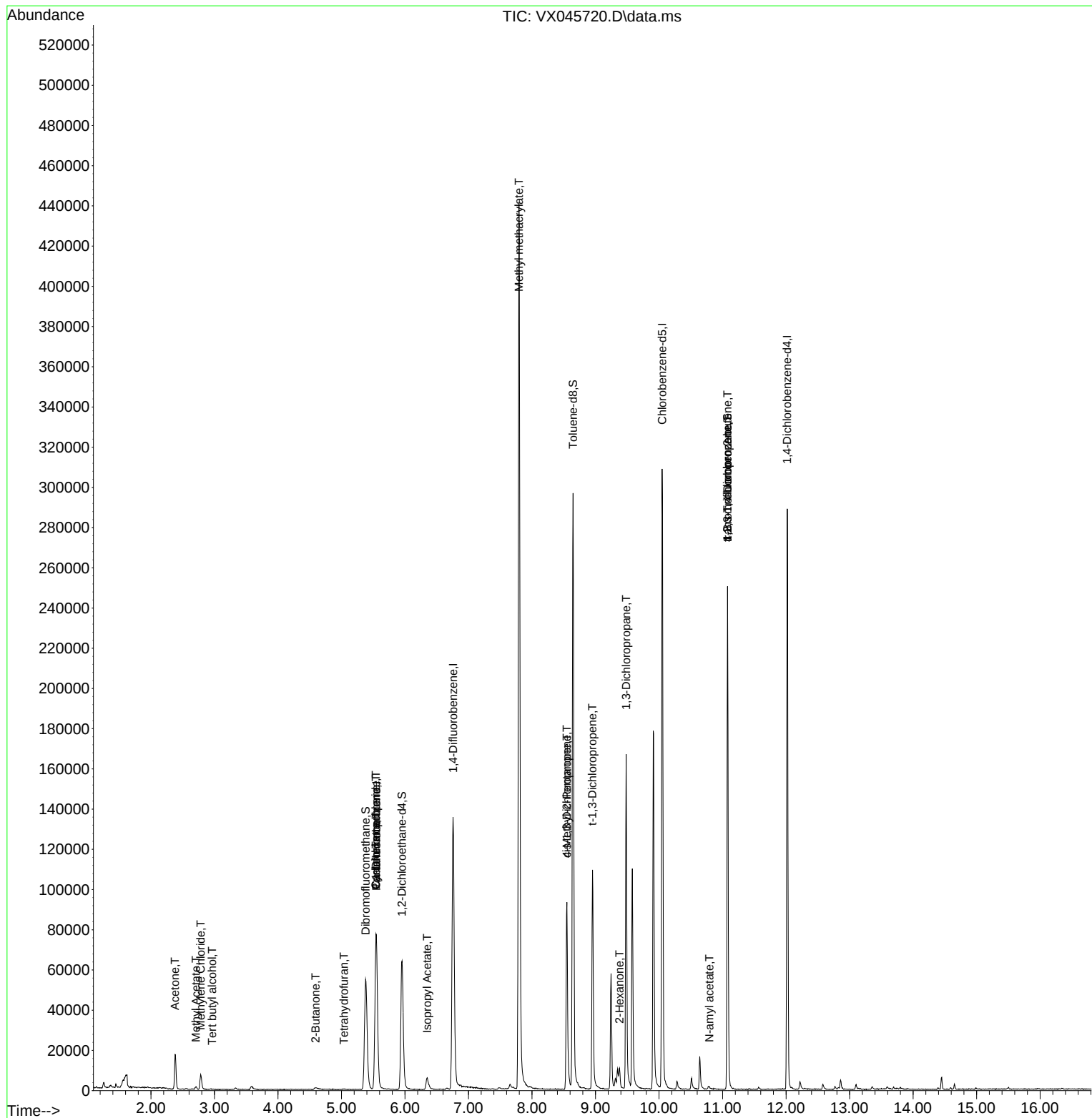
Internal Standards						
1) Pentafluorobenzene	5.550	168	66493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66284	54.511	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.020%		
35) Dibromofluoromethane	5.379	113	47348	50.454	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.900%		
50) Toluene-d8	8.647	98	167546	51.151	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.300%		
62) 4-Bromofluorobenzene	11.079	95	62563	52.437	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.880%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	214	1.310	ug/l #	72
16) Acetone	2.380	43	19189	38.430	ug/l	96
18) Methyl Acetate	2.709	43	1976	1.719	ug/l	100
20) Methylene Chloride	2.782	84	3308	3.539	ug/l	91
25) 2-Butanone	4.593	43	2612	3.574	ug/l	91
29) Tetrahydrofuran	5.038	42	282	0.595	ug/l #	35
31) Cyclohexane	5.544	56	1916	1.284	ug/l #	20
36) 1,1-Dichloropropene	5.544	75	6632	5.234	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7879	5.754	ug/l #	18
43) Isopropyl Acetate	6.348	43	8933	3.691	ug/l	99
48) Methyl methacrylate	7.793	41	44805	35.857	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	36665	22.854	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	173	2.405	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14140	10.165	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	1284	0.790	ug/l #	42
59) 2-Hexanone	9.378	43	10080	8.484	ug/l #	28
74) N-amyl acetate	10.793	43	1365	0.667	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	36458	27.967	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36458	94.915	ug/l #	1

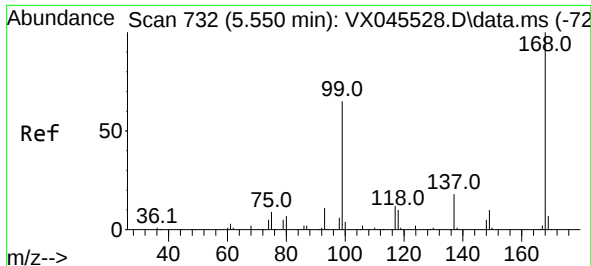
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 02 03:11:43 2025
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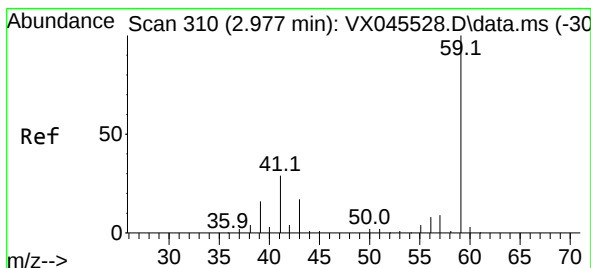
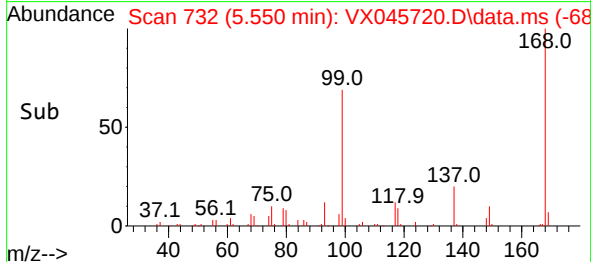
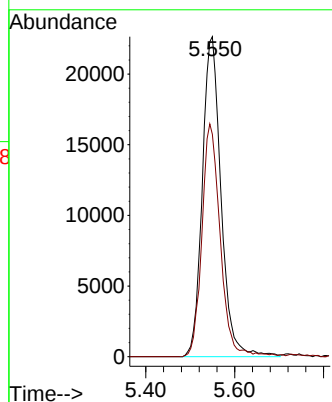
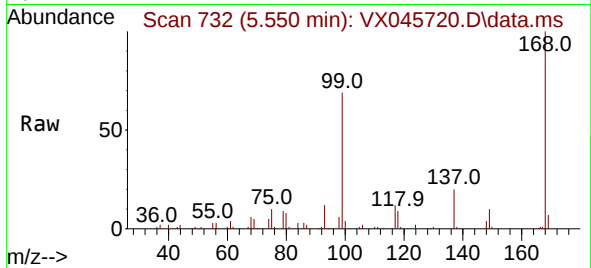




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

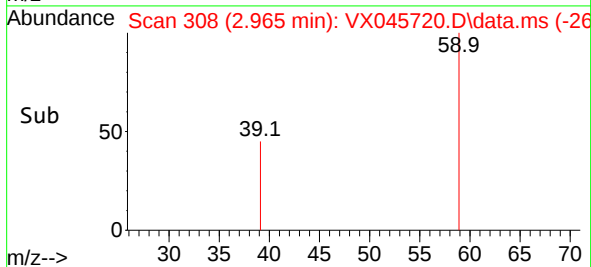
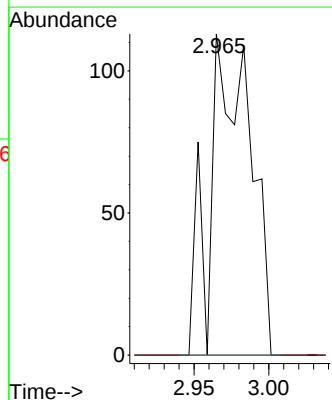
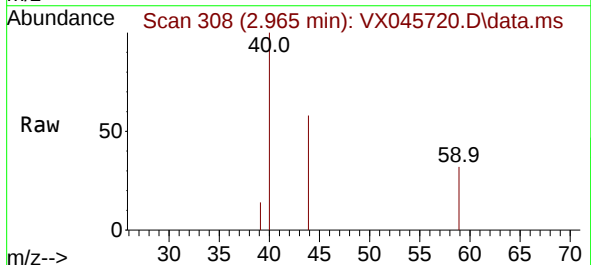
Instrument :
MSVOA_X
ClientSampleId :
WC-2

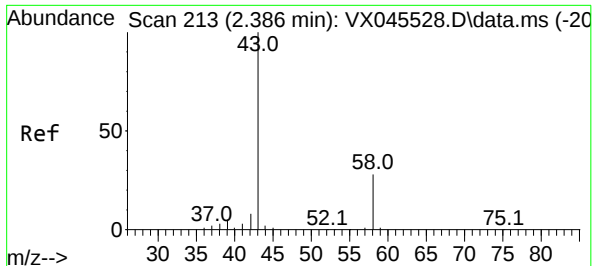
Tgt Ion:168 Resp: 66493
Ion Ratio Lower Upper
168 100
99 69.5 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.310 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

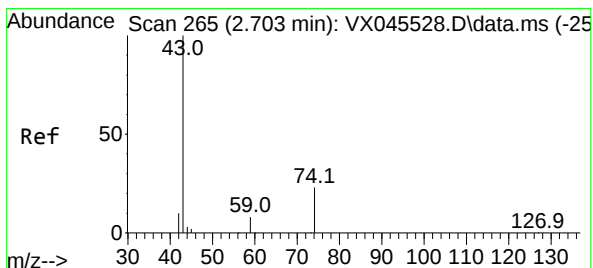
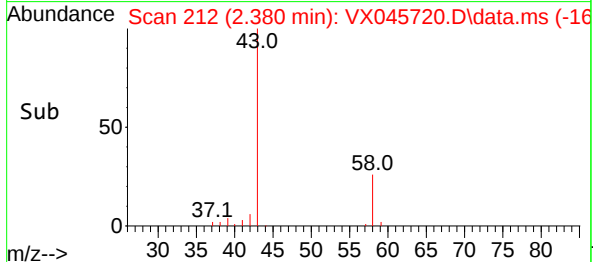
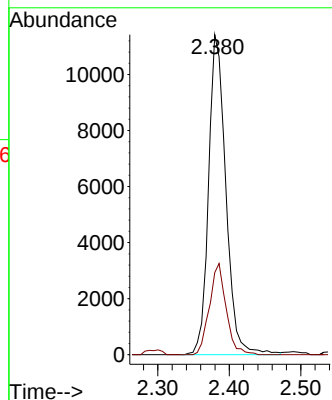
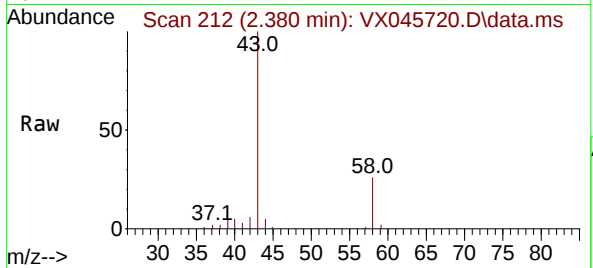




#16
Acetone
Concen: 38.430 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

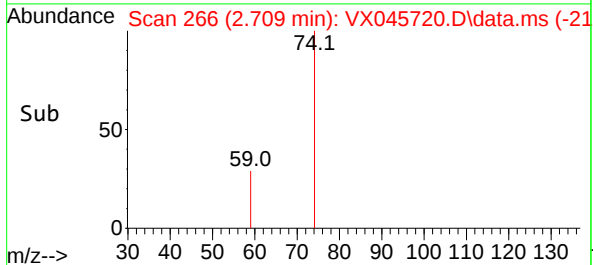
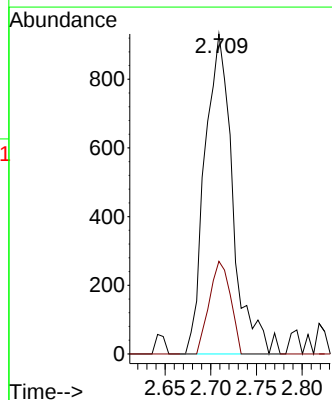
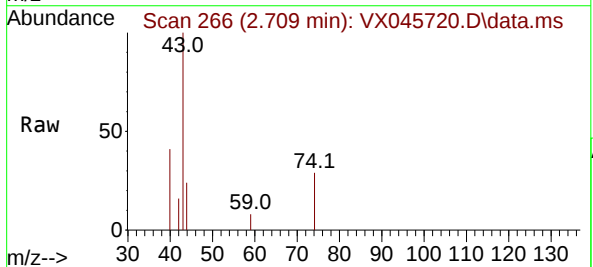
Instrument :
MSVOA_X
ClientSampleId :
WC-2

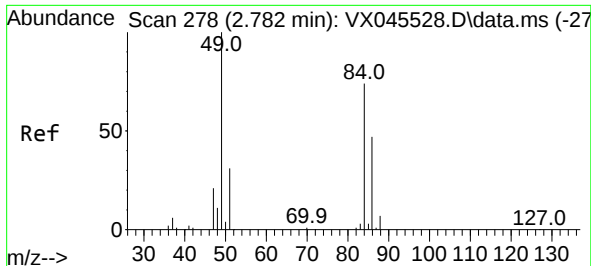
Tgt Ion: 43 Resp: 19189
Ion Ratio Lower Upper
43 100
58 25.6 22.3 33.5



#18
Methyl Acetate
Concen: 1.719 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3

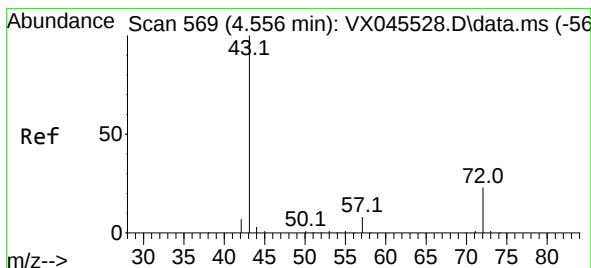
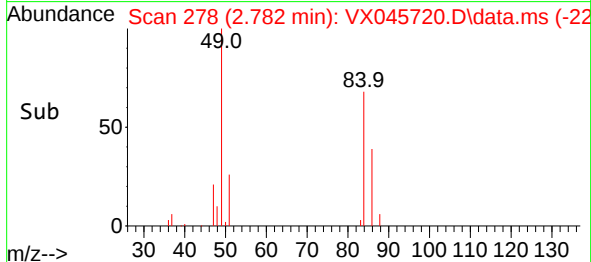
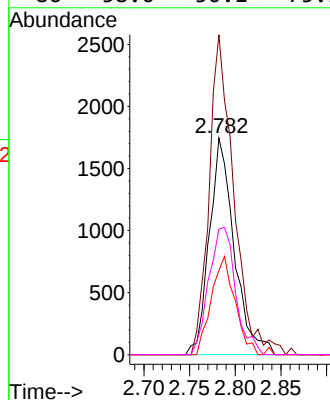
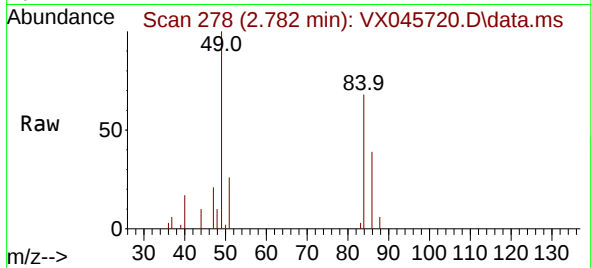




#20
Methylene Chloride
Concen: 3.539 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

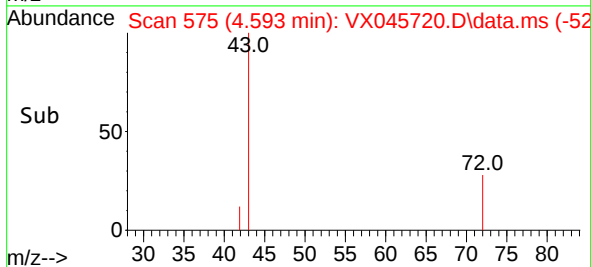
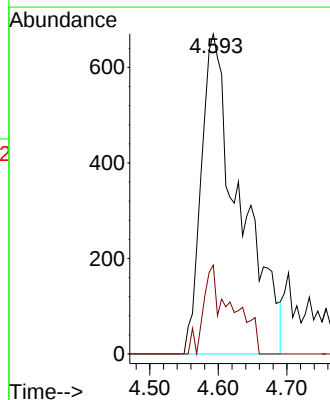
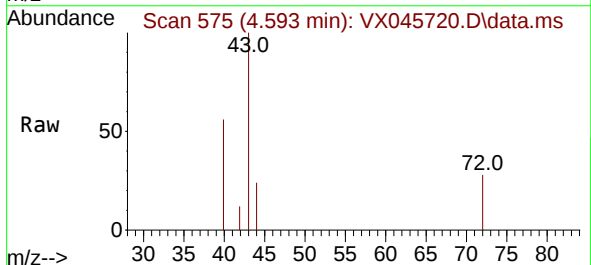
Instrument :
MSVOA_X
ClientSampleId :
WC-2

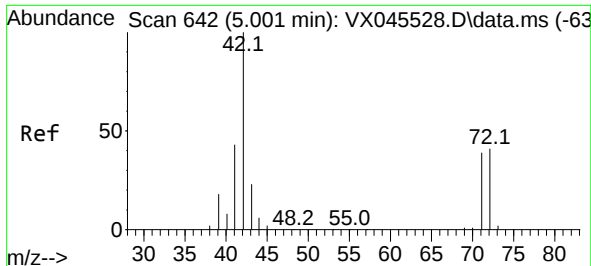
Tgt Ion:	84	Resp:	3308
Ion	Ratio	Lower	Upper
84	100		
49	147.7	107.5	161.3
51	39.0	33.0	49.6
86	58.0	50.1	75.1



#25
2-Butanone
Concen: 3.574 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

Tgt Ion:	43	Resp:	2612
Ion	Ratio	Lower	Upper
43	100		
72	27.8	18.6	28.0





#29

Tetrahydrofuran

Concen: 0.595 ug/l

RT: 5.038 min Scan# 642

Delta R.T. 0.037 min

Lab File: VX045720.D

Acq: 11 Apr 2025 06:42

Instrument :

MSVOA_X

ClientSampleId :

WC-2

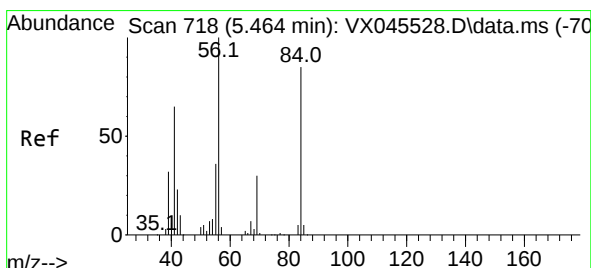
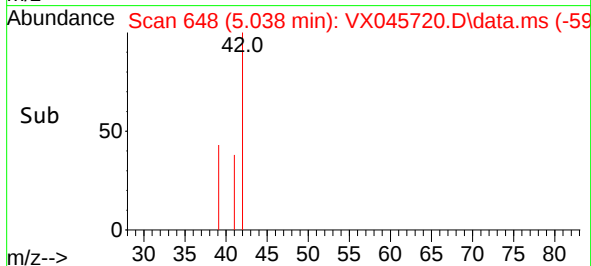
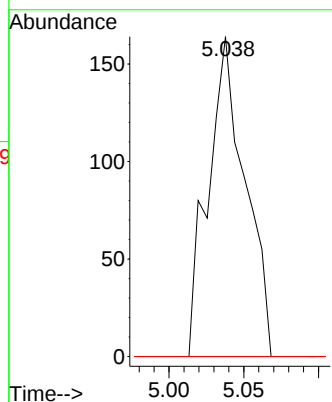
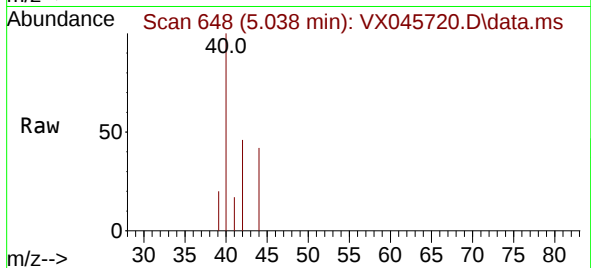
Tgt Ion: 42 Resp: 282

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

71 0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.284 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045720.D

Acq: 11 Apr 2025 06:42

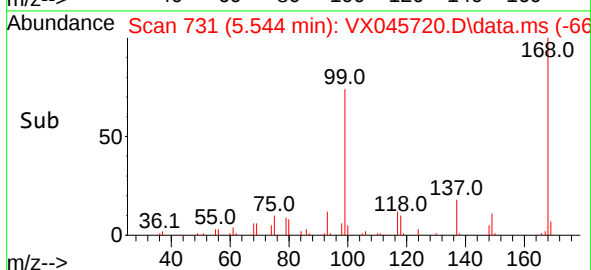
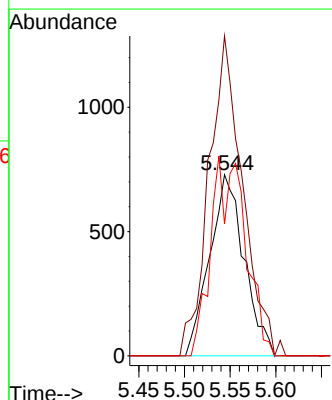
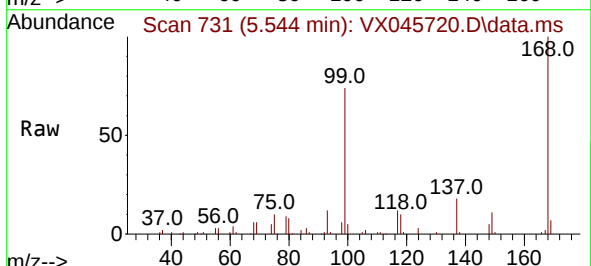
Tgt Ion: 56 Resp: 1916

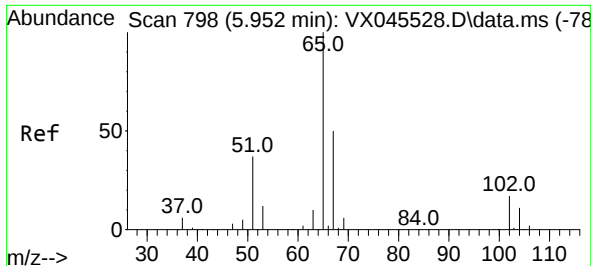
Ion Ratio Lower Upper

56 100

69 176.5 23.6 35.4#

84 72.8 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.511 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045720.D

Acq: 11 Apr 2025 06:42

Instrument :

MSVOA_X

ClientSampleId :

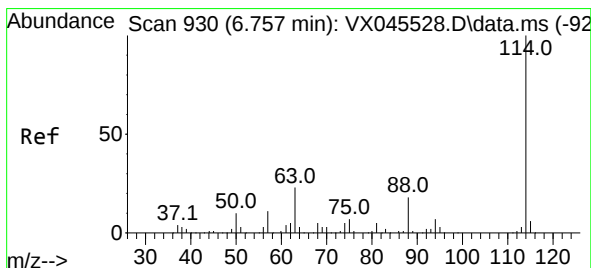
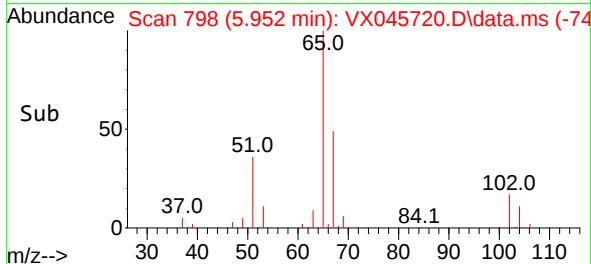
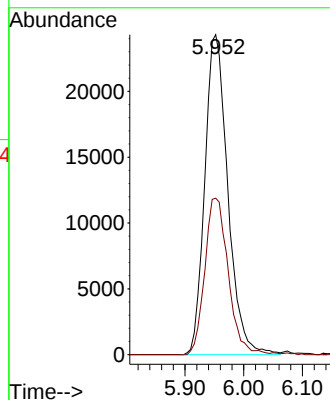
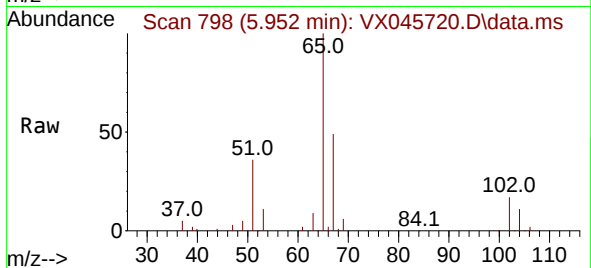
WC-2

Tgt Ion: 65 Resp: 66284

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045720.D

Acq: 11 Apr 2025 06:42

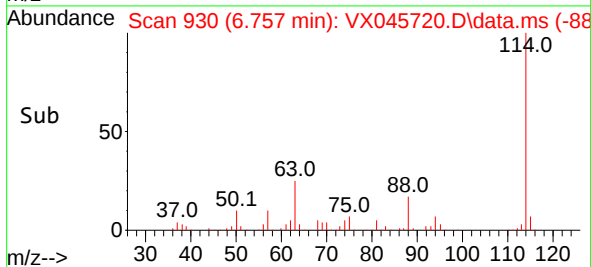
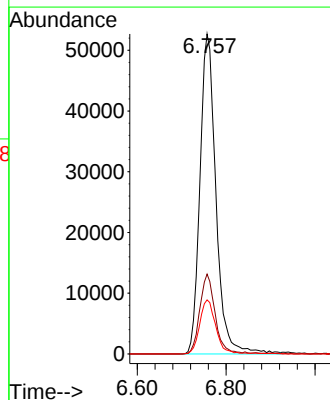
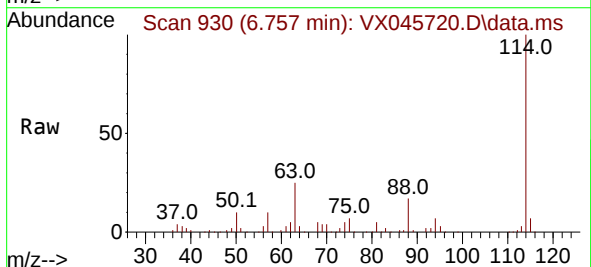
Tgt Ion: 114 Resp: 132267

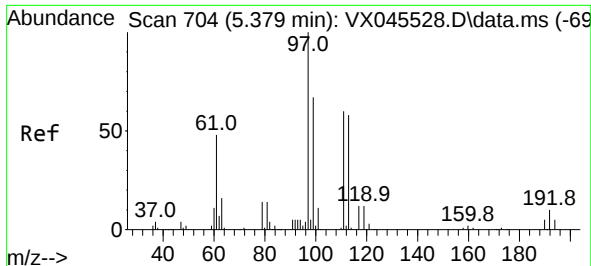
Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.8

88 16.9 0.0 35.4

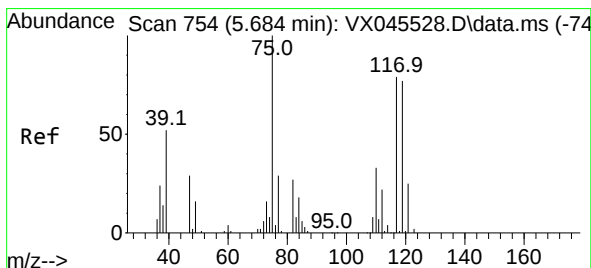
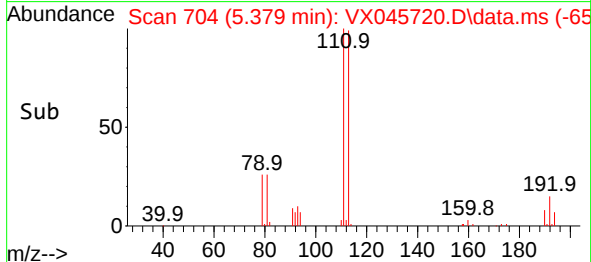
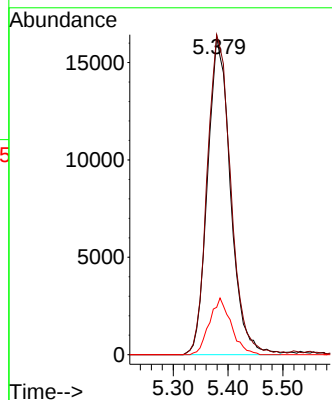
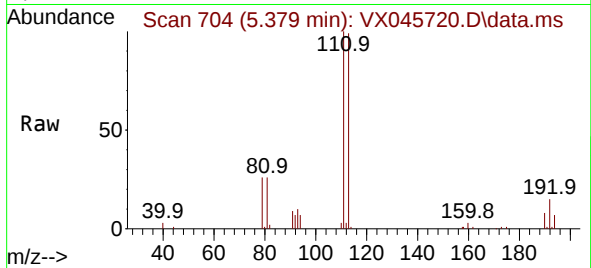




#35
Dibromofluoromethane
Concen: 50.454 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

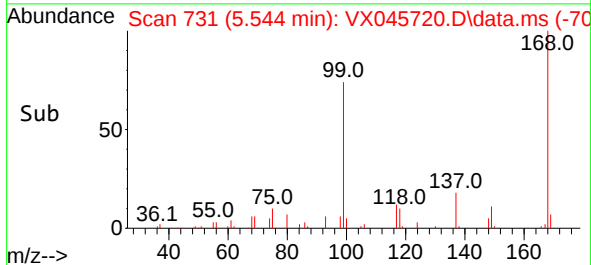
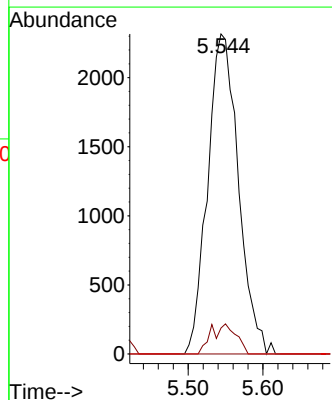
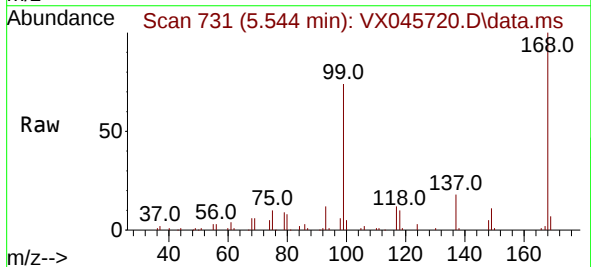
Instrument :
MSVOA_X
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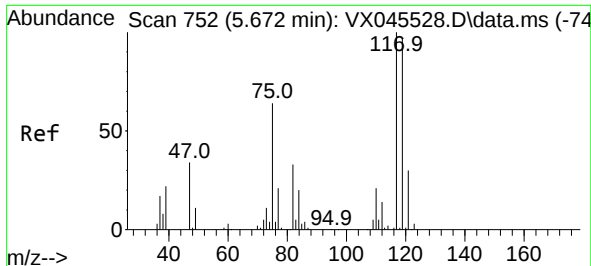
Tgt Ion:113 Resp: 47348
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.234 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

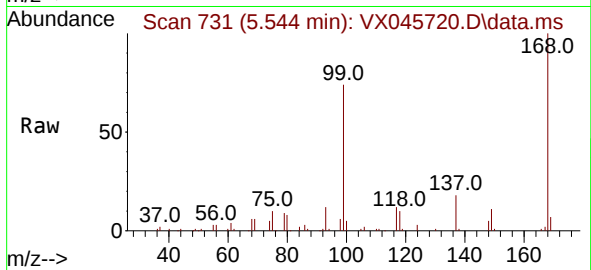
Tgt Ion: 75 Resp: 6632
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.6#
77 0.0 25.0 37.4#



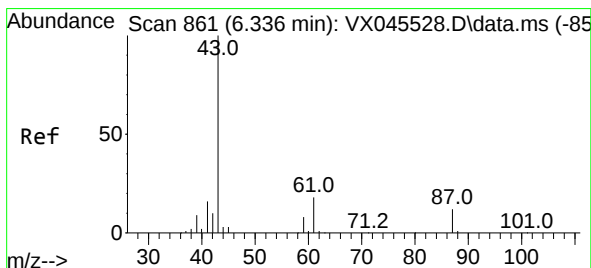
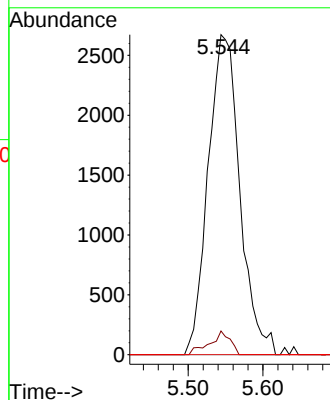
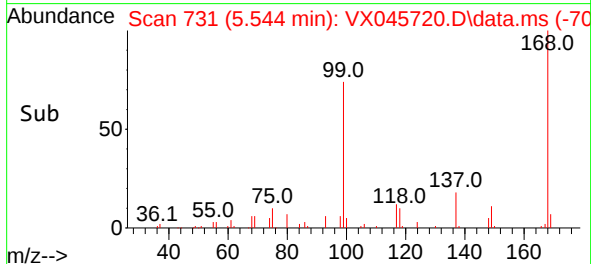


#38
Carbon Tetrachloride
Concen: 5.754 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

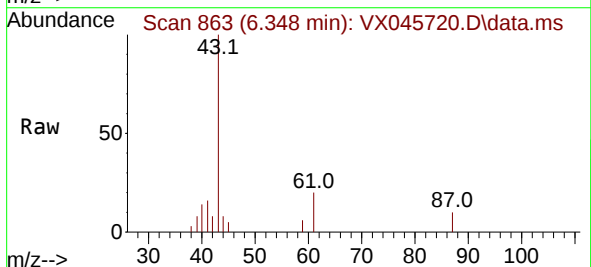
Instrument :
MSVOA_X
ClientSampleId :
WC-2



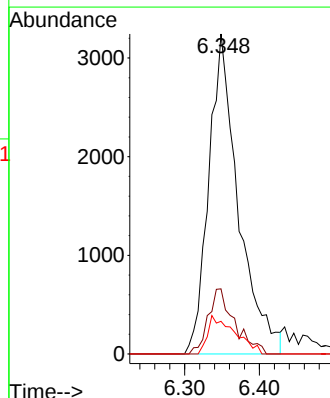
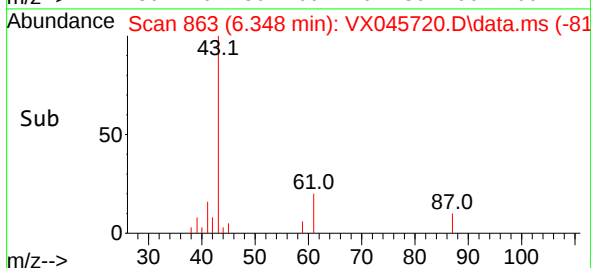
Tgt Ion:117 Resp: 7879
Ion Ratio Lower Upper
117 100
119 7.4 76.9 115.3#
121 0.0 24.2 36.2#

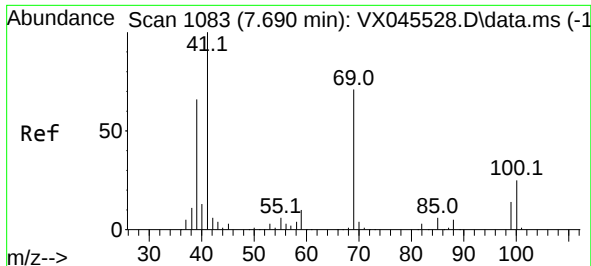


#43
Isopropyl Acetate
Concen: 3.691 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42



Tgt Ion: 43 Resp: 8933
Ion Ratio Lower Upper
43 100
61 18.2 14.1 21.1
87 10.9 9.2 13.8

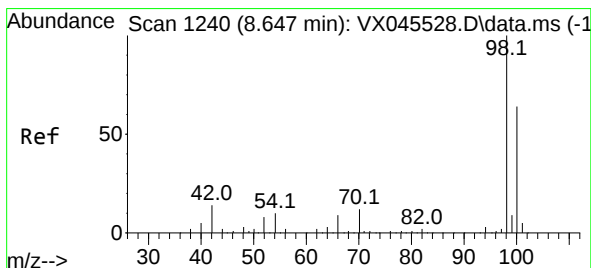
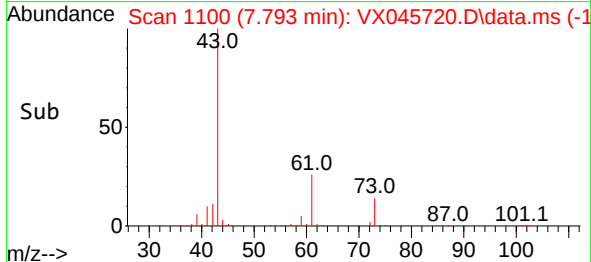
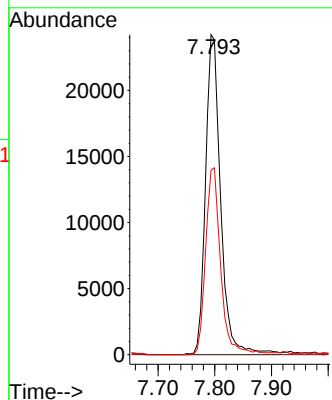
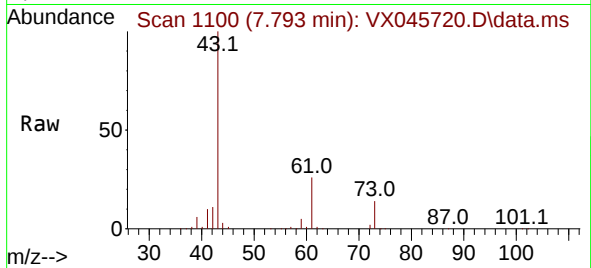




#48
Methyl methacrylate
Concen: 35.857 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

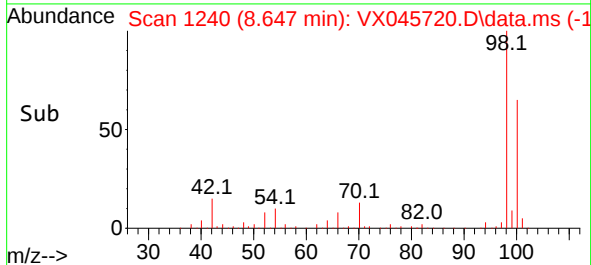
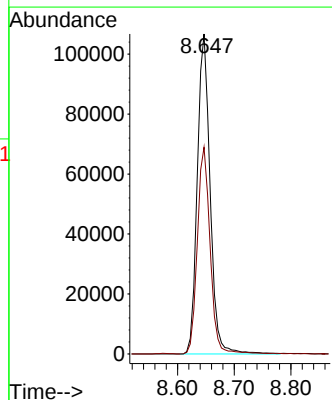
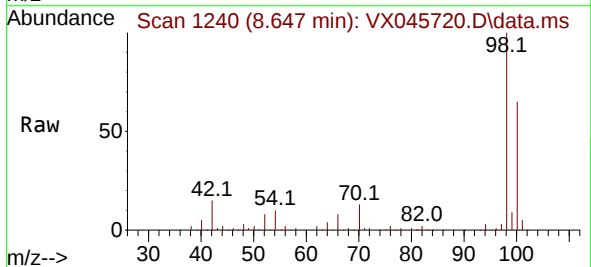
Instrument :
MSVOA_X
ClientSampleId :
WC-2

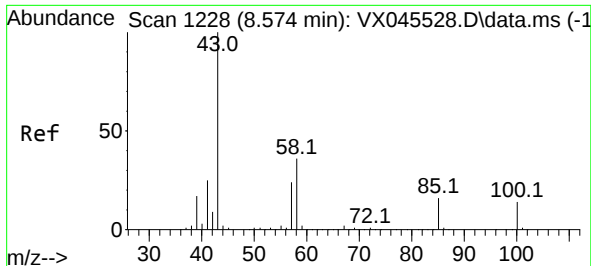
Tgt Ion: 41 Resp: 44805
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 58.4 53.6 80.4



#50
Toluene-d8
Concen: 51.151 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

Tgt Ion: 98 Resp: 167546
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

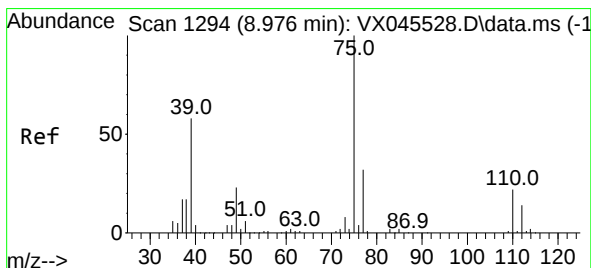
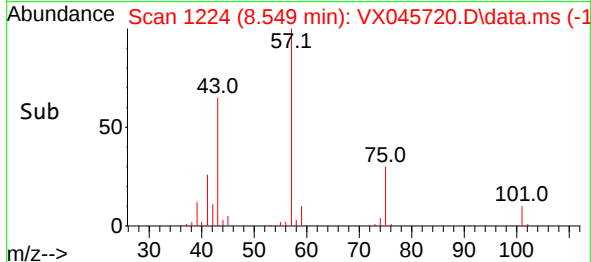
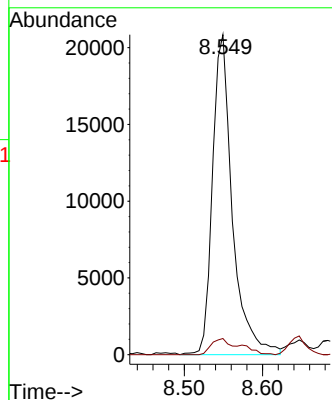
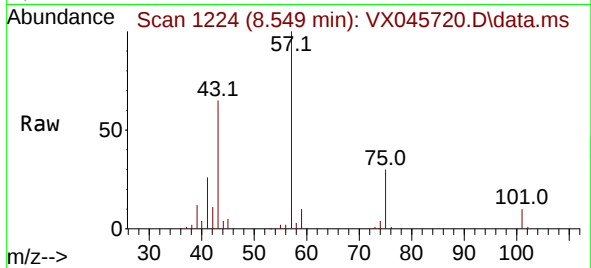




#51
4-Methyl-2-Pentanone
Concen: 22.854 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

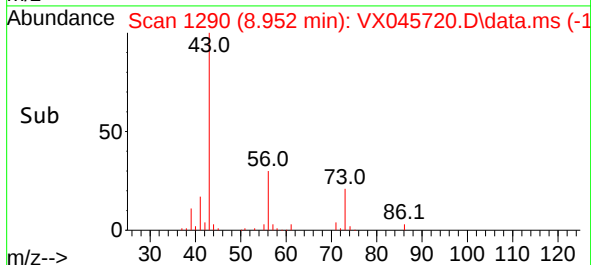
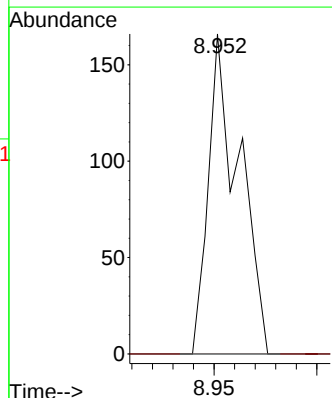
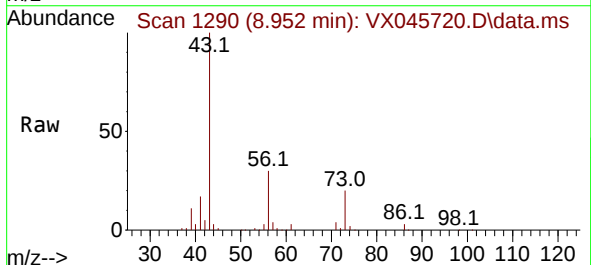
Instrument :
MSVOA_X
ClientSampleId :
WC-2

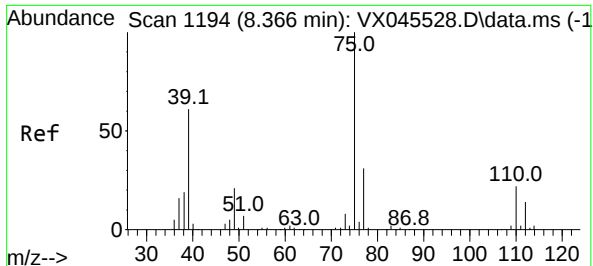
Tgt Ion: 43 Resp: 36665
Ion Ratio Lower Upper
43 100
58 7.2 28.5 42.7#



#53
t-1,3-Dichloropropene
Concen: 2.405 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

Tgt Ion: 75 Resp: 173
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

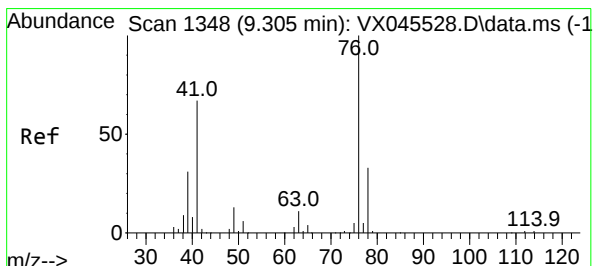
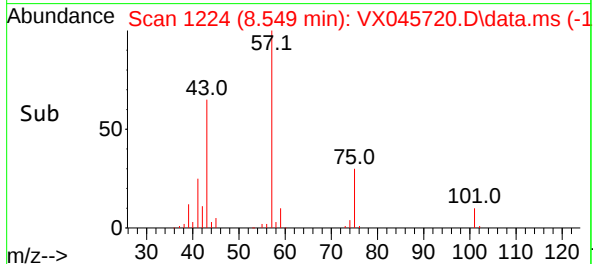
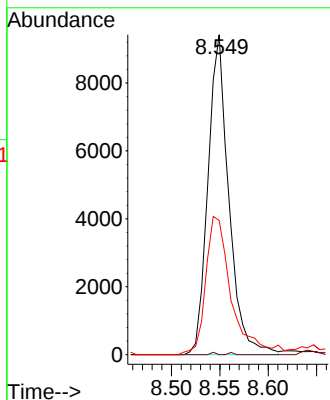
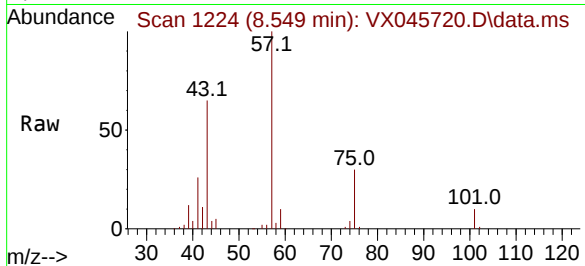




#54
 cis-1,3-Dichloropropene
 Concen: 10.165 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045720.D
 Acq: 11 Apr 2025 06:42

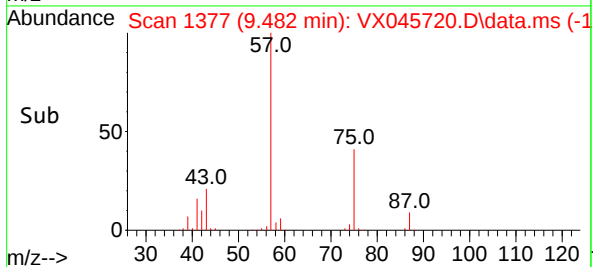
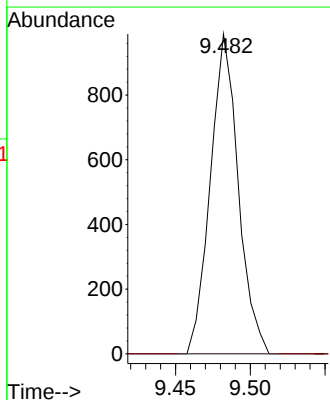
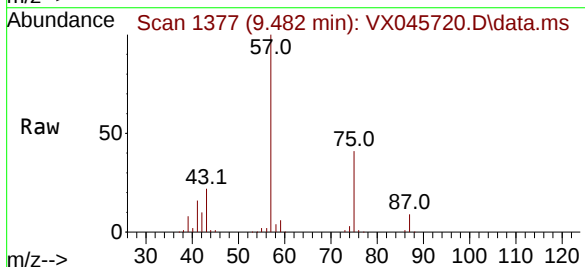
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-2

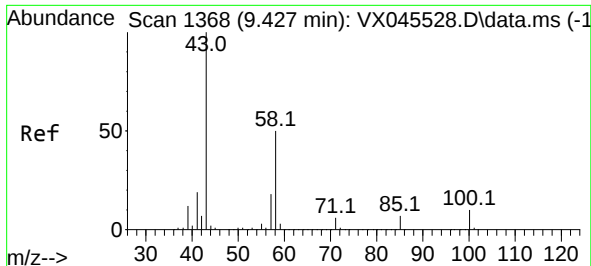
Tgt Ion: 75 Resp: 14140
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 41.9 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.790 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045720.D
 Acq: 11 Apr 2025 06:42

Tgt Ion: 76 Resp: 1284
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

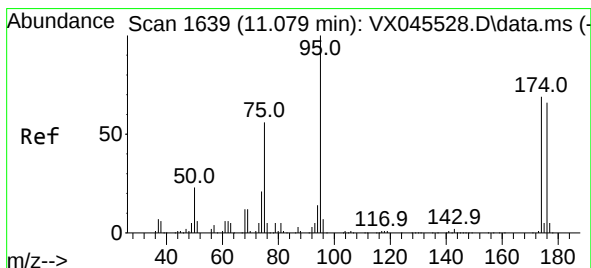
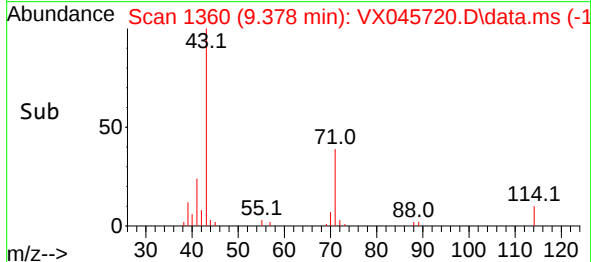
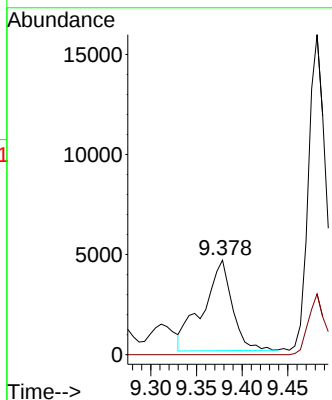
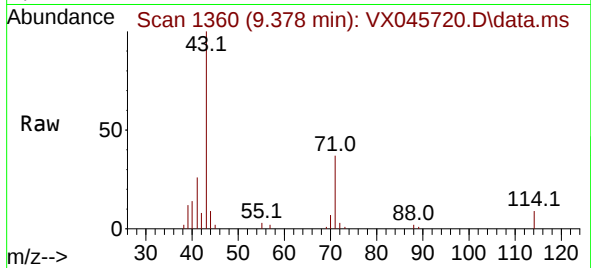




#59
2-Hexanone
Concen: 8.484 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

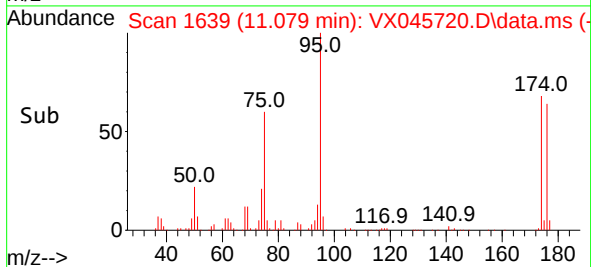
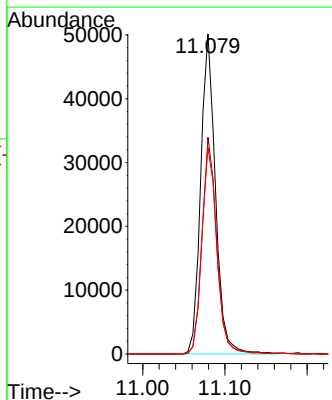
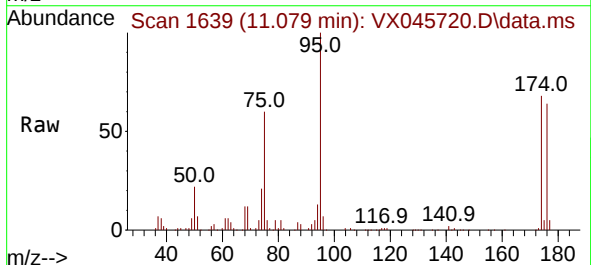
Instrument :
MSVOA_X
ClientSampleId :
WC-2

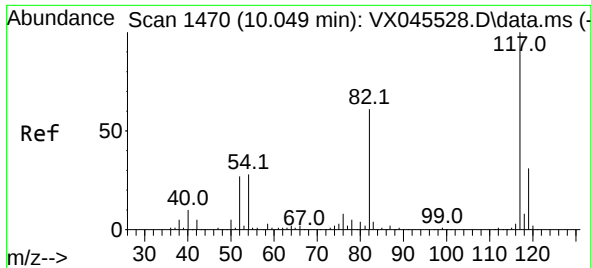
Tgt Ion: 43 Resp: 10080
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 52.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

Tgt Ion: 95 Resp: 62563
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 65.5 0.0 131.4

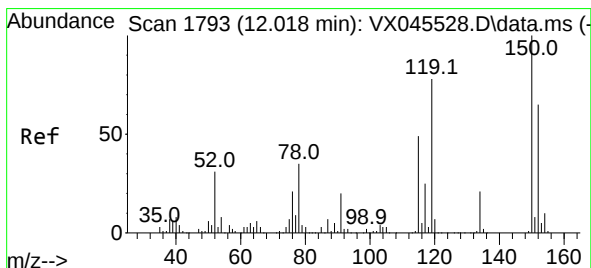
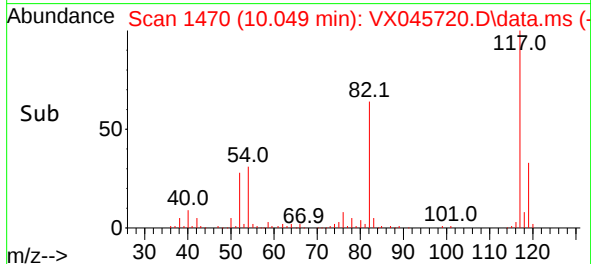
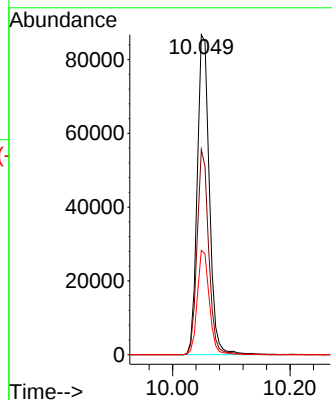
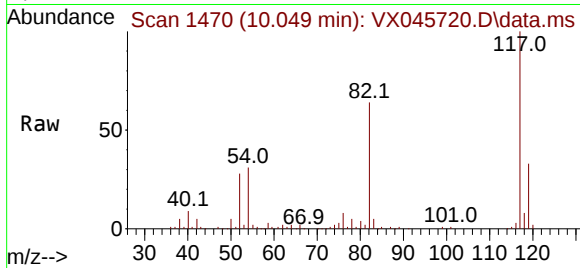




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

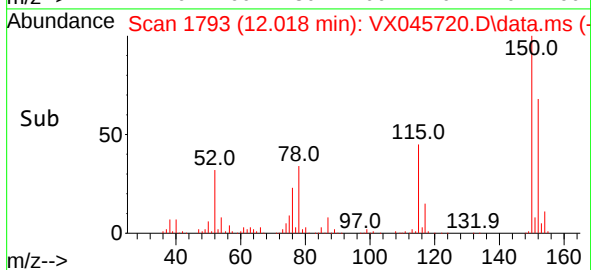
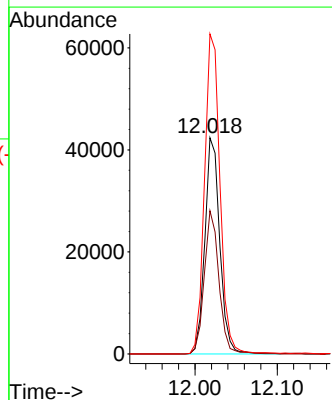
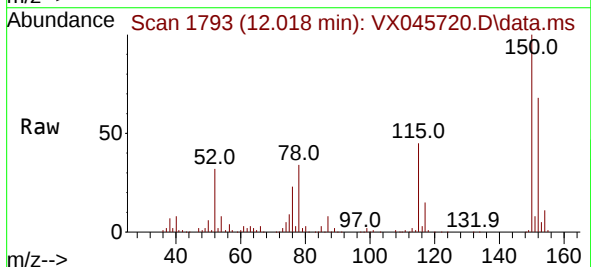
Instrument :
MSVOA_X
ClientSampleId :
WC-2

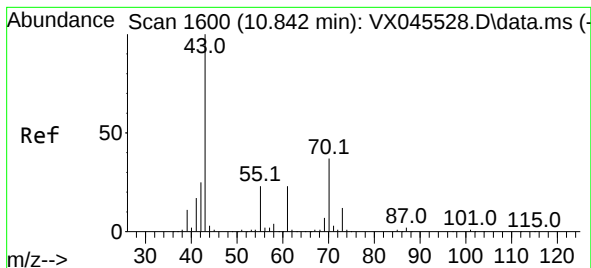
Tgt Ion:117 Resp: 124072
Ion Ratio Lower Upper
117 100
82 64.1 49.2 73.8
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

Tgt Ion:152 Resp: 53444
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 153.4 0.0 349.4





#74

N-amy1 acetate

Concen: 0.667 ug/l

RT: 10.793 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX045720.D

Acq: 11 Apr 2025 06:42

Instrument :

MSVOA_X

ClientSampleId :

WC-2

Tgt Ion: 43 Resp: 1365

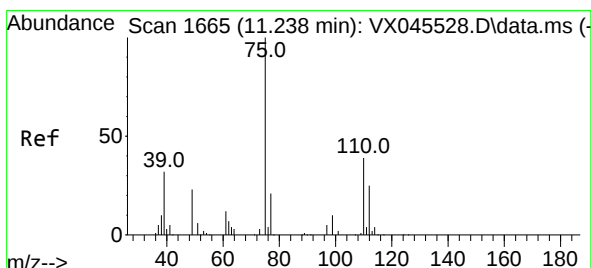
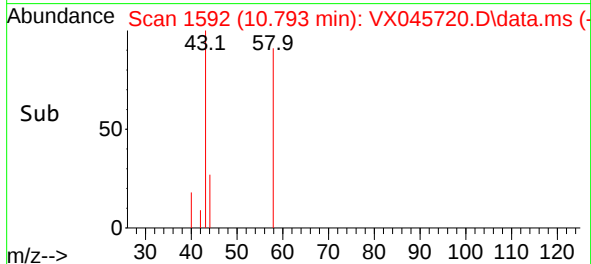
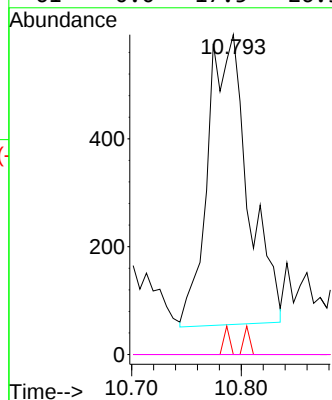
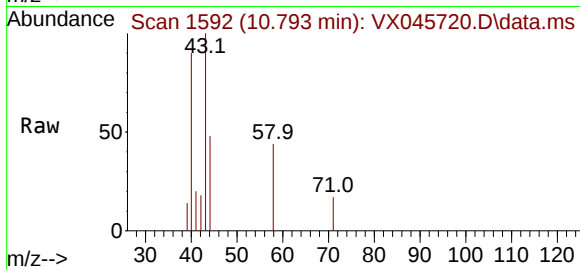
Ion Ratio Lower Upper

43 100

70 0.0 30.1 45.1#

55 1.4 18.3 27.5#

61 0.0 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 27.967 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045720.D

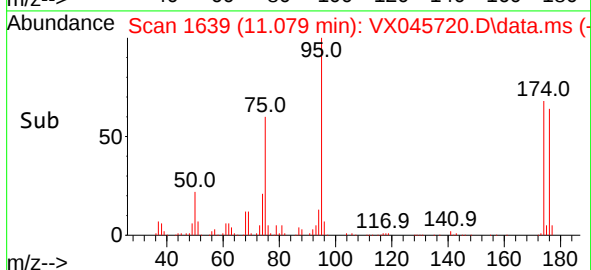
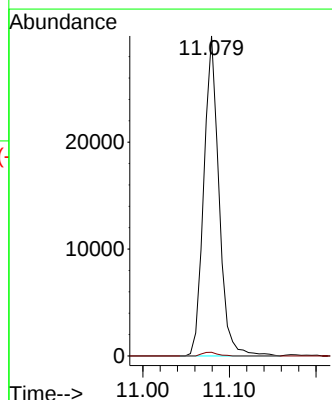
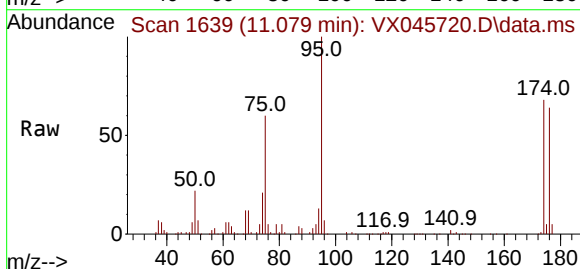
Acq: 11 Apr 2025 06:42

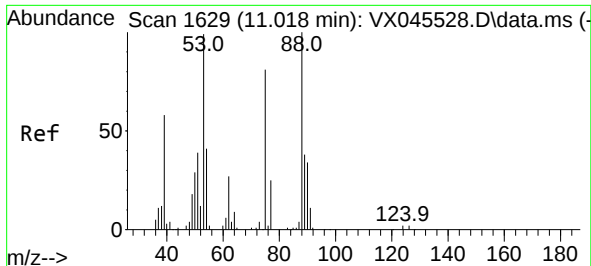
Tgt Ion: 75 Resp: 36458

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.915 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045720.D
Acq: 11 Apr 2025 06:42

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 75 Resp: 36458
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

