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 Data File : VX046573.D
 Acq On : 09 Jun 2025 12:58
 Operator : JC/MD
 Sample : Q2240-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

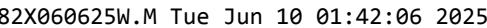
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

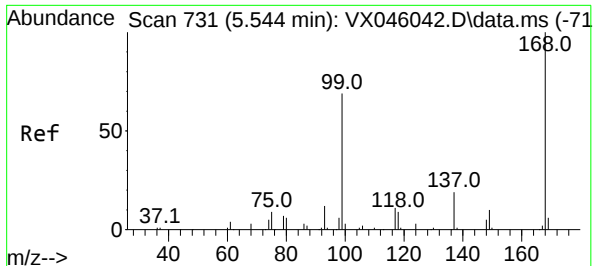
Quant Time: Jun 10 01:41:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	109341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	196091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	83394	42.870	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.740%
35) Dibromofluoromethane	5.397	113	59667	41.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.760%
50) Toluene-d8	8.653	98	212911	44.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.560%
62) 4-Bromofluorobenzene	11.079	95	83637	42.519	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.040%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.148	74	26066	32.372	ug/l	86
11) Tert butyl alcohol	2.721	59	730	3.382	ug/l #	72
16) Acetone	2.392	43	9373	16.639	ug/l	93
17) Carbon Disulfide	2.532	76	321	0.318	ug/l #	76
18) Methyl Acetate	2.721	43	10683	4.610	ug/l	100
20) Methylene Chloride	2.800	84	2855	1.829	ug/l	90
25) 2-Butanone	4.617	43	1627	1.502	ug/l #	89
31) Cyclohexane	5.568	56	3084	1.364	ug/l #	42
36) 1,1-Dichloropropene	5.556	75	10575	5.134	ug/l #	52
37) Ethyl Acetate	4.745	43	5987	2.978	ug/l #	90
38) Carbon Tetrachloride	5.568	117	12868	5.577	ug/l #	17
43) Isopropyl Acetate	6.367	43	4175	1.191	ug/l #	95
48) Methyl methacrylate	7.799	41	36554	20.271	ug/l #	49
51) 4-Methyl-2-Pentanone	8.549	43	47640	21.390	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	19460	8.431	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	1154	0.457	ug/l #	42
59) 2-Hexanone	9.378	43	9066	5.676	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	45151	24.278	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	45151	70.032	ug/l #	1

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

Quant Time: Jun 10 01:41:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

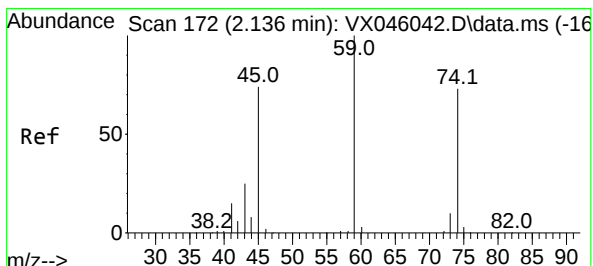
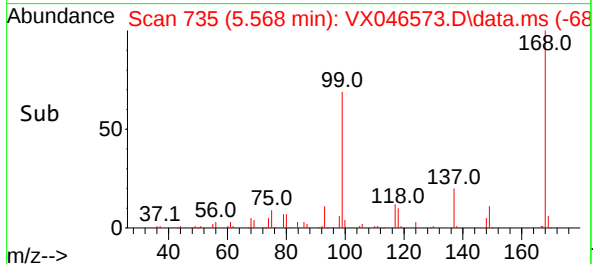
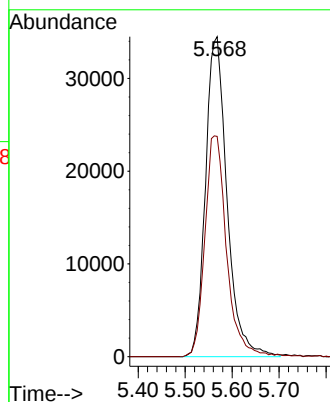
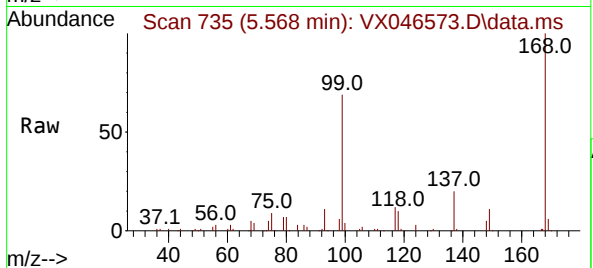




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

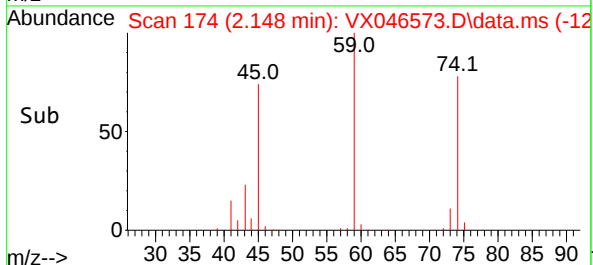
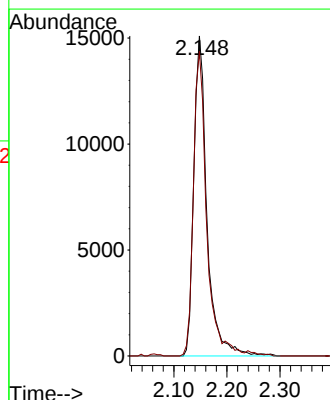
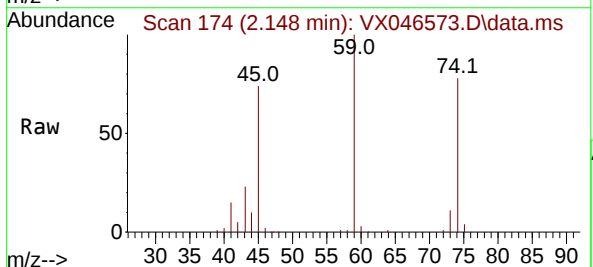
Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 109341
Ion Ratio Lower Upper
168 100
99 68.9 54.9 82.3



#8
Diethyl Ether
Concen: 32.372 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion: 74 Resp: 26066
Ion Ratio Lower Upper
74 100
45 95.0 54.9 164.8

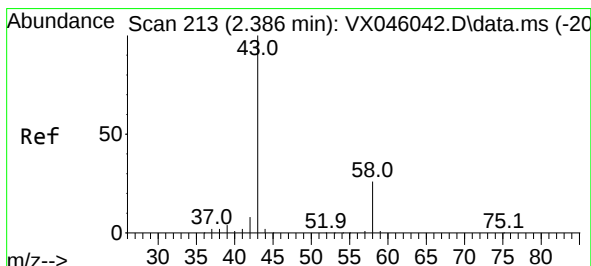
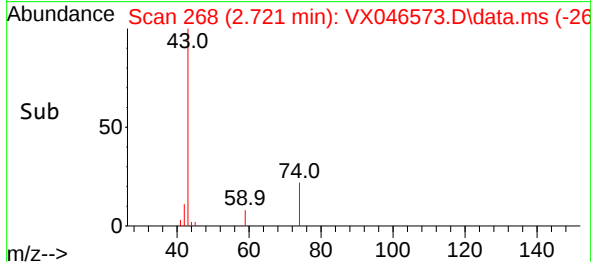
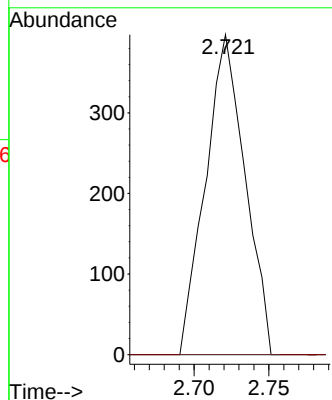
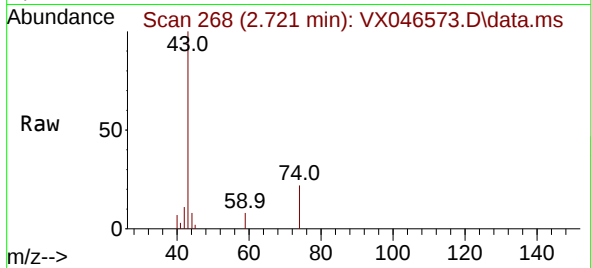




#11
Tert butyl alcohol
Concen: 3.382 ug/l
RT: 2.721 min Scan# 214
Delta R.T. -0.250 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

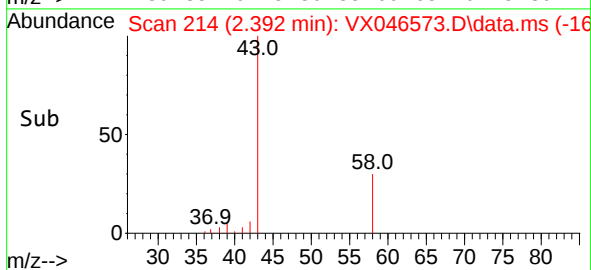
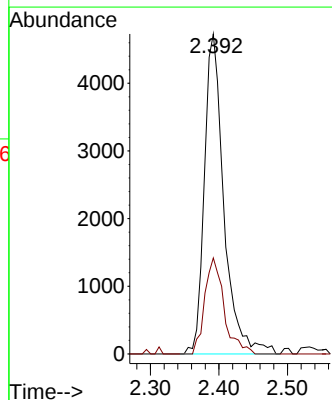
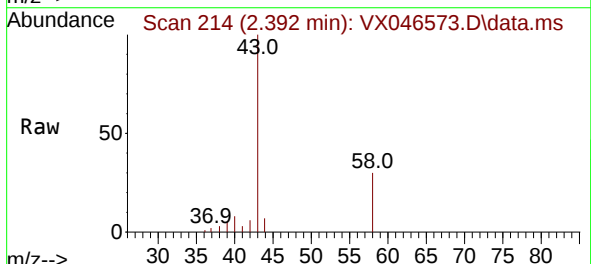
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MSVOA_X
ClientSampleId :
TP-1

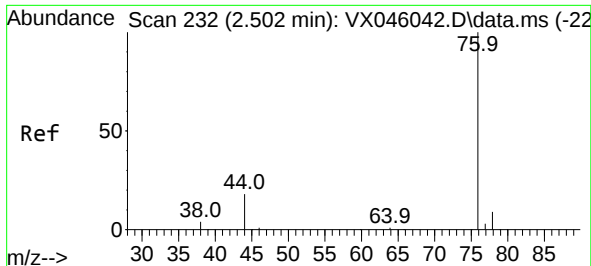
Tgt Ion: 59 Resp: 730
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 16.639 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion: 43 Resp: 9373
Ion Ratio Lower Upper
43 100
58 30.0 21.2 31.8

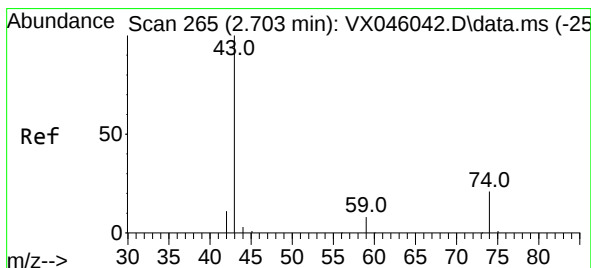
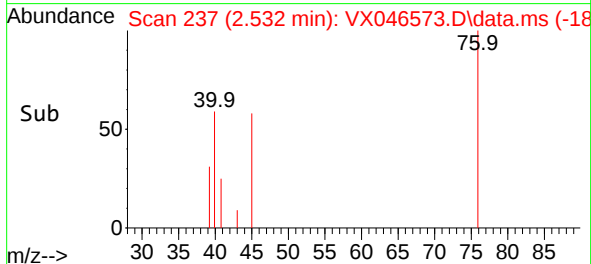
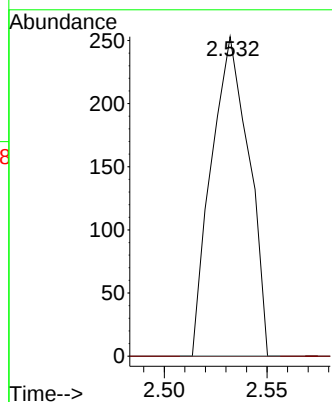
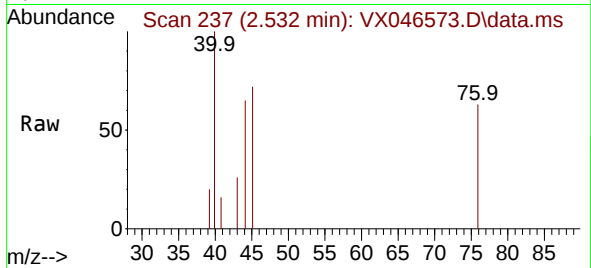




#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

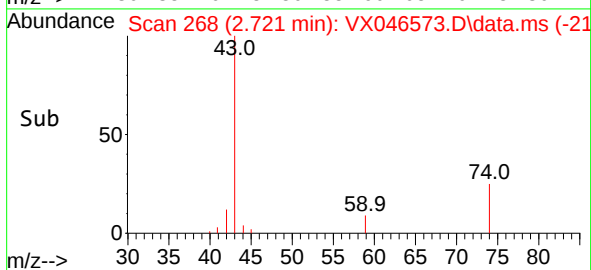
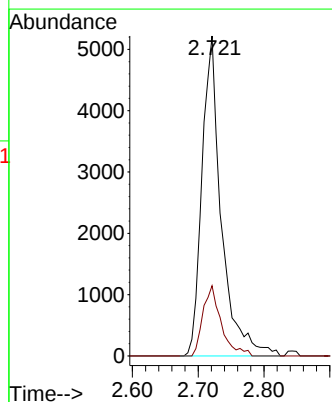
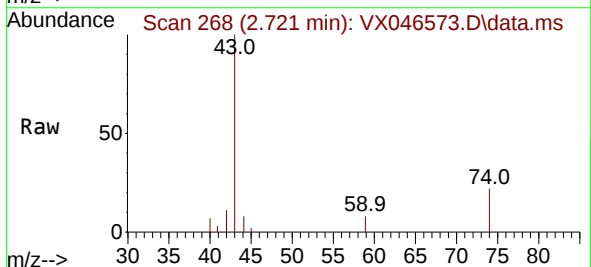
Instrument :
MSVOA_X
ClientSampleId :
TP-1

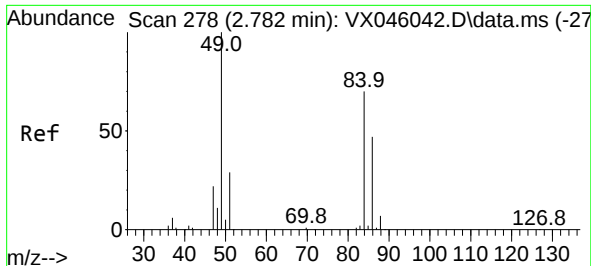
Tgt Ion: 76 Resp: 321
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 4.610 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion: 43 Resp: 10683
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1

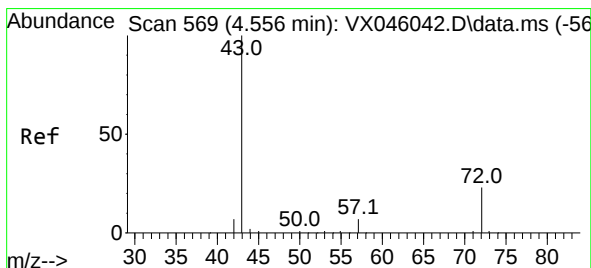
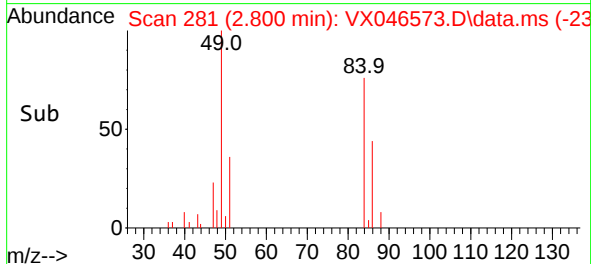
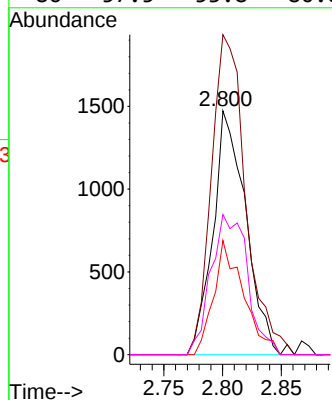
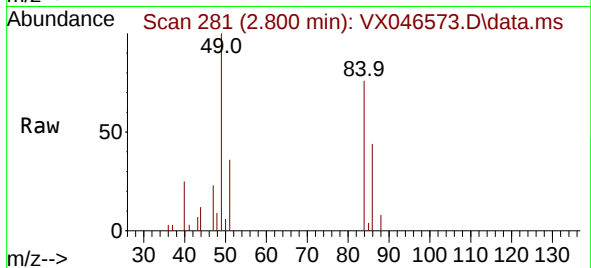




#20
Methylene Chloride
Concen: 1.829 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

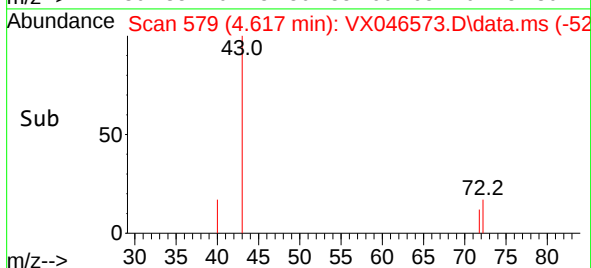
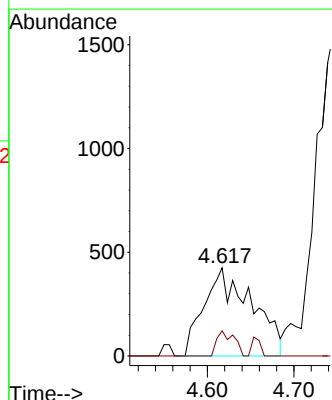
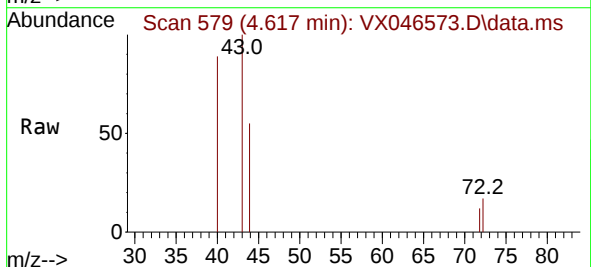
Instrument :
MSVOA_X
ClientSampleId :
TP-1

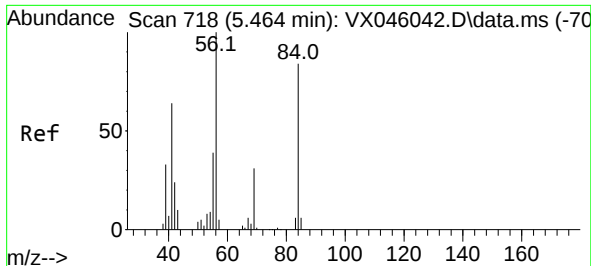
Tgt Ion:	84	Resp:	2855
Ion	Ratio	Lower	Upper
84	100		
49	131.2	113.9	170.9
51	46.8	33.5	50.3
86	57.5	53.8	80.8



#25
2-Butanone
Concen: 1.502 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.043 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion:	43	Resp:	1627
Ion	Ratio	Lower	Upper
43	100		
72	28.5	18.4	27.6#

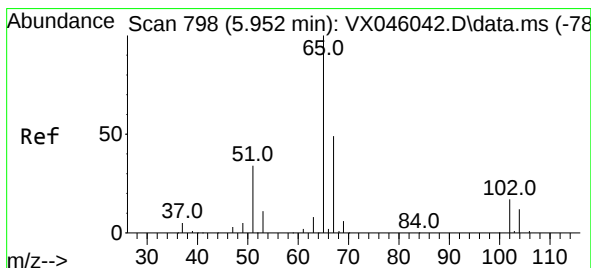
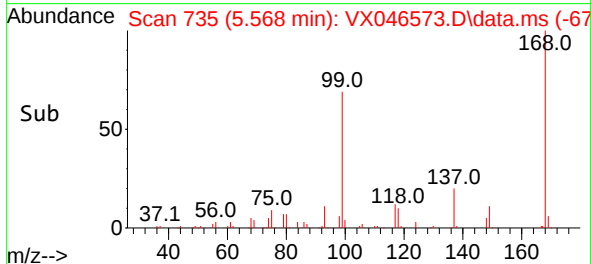
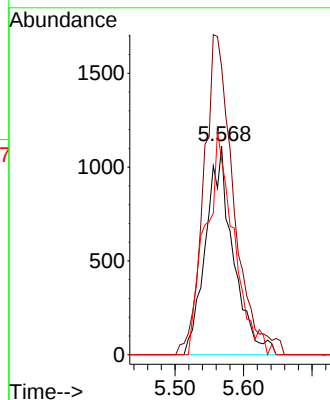
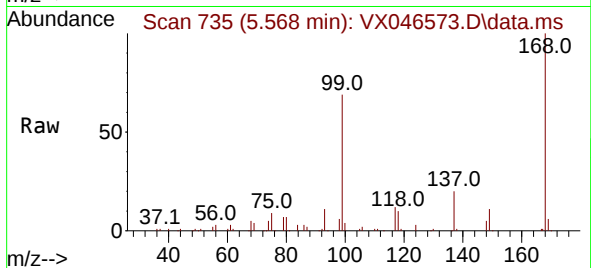




#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.568 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

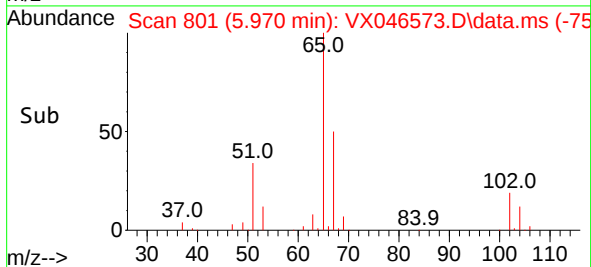
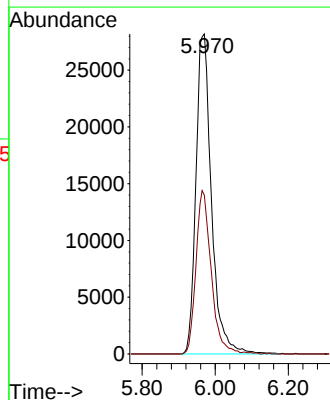
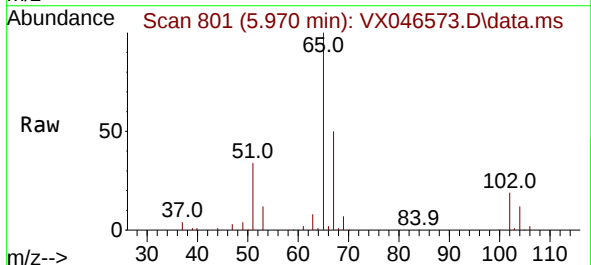
Instrument :
MSVOA_X
ClientSampleId :
TP-1

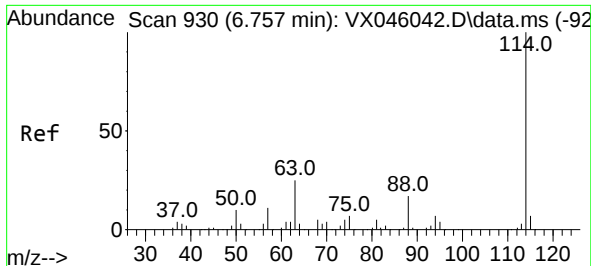
Tgt Ion: 56 Resp: 3084
Ion Ratio Lower Upper
56 100
69 133.2 24.4 36.6#
84 93.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 42.870 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion: 65 Resp: 83394
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

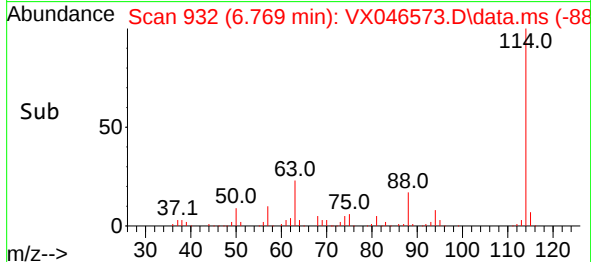
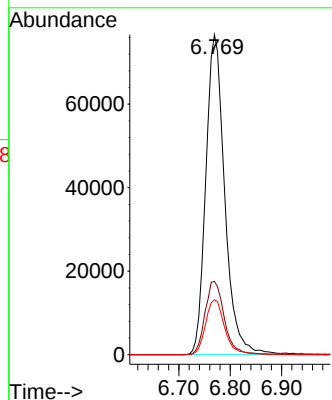
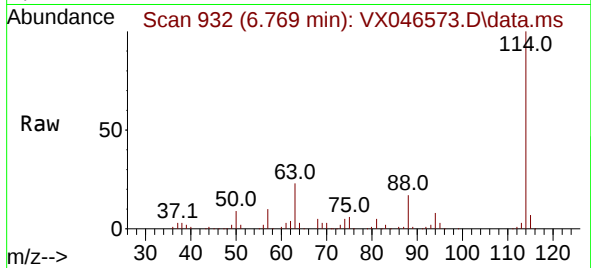




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

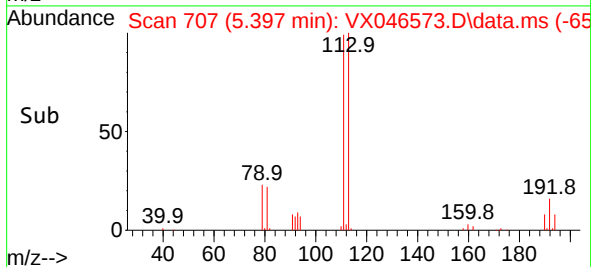
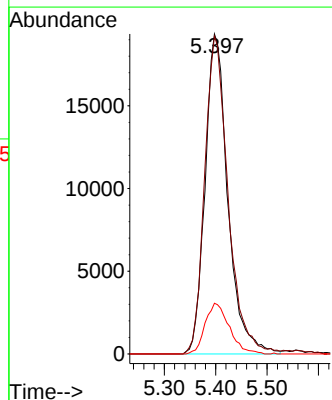
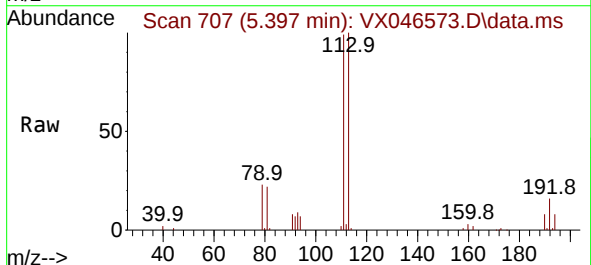
Instrument :
MSVOA_X
ClientSampleId :
TP-1

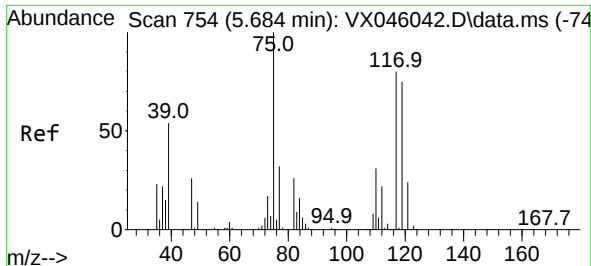
Tgt Ion:114 Resp: 196091
Ion Ratio Lower Upper
114 100
63 22.9 0.0 49.2
88 17.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 41.377 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion:113 Resp: 59667
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 16.8 13.3 19.9

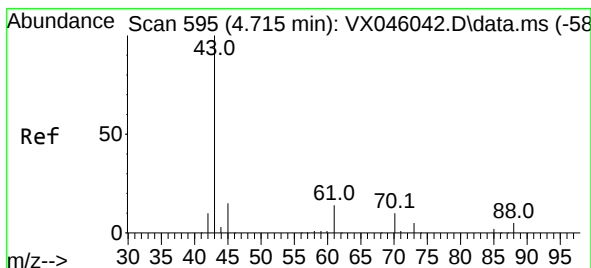
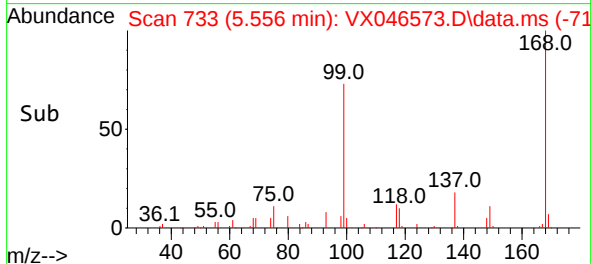
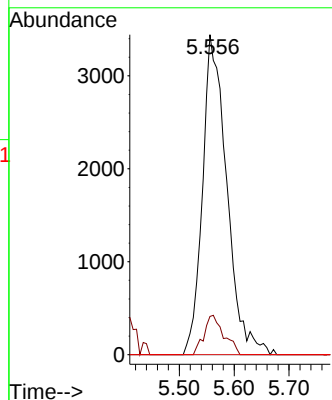
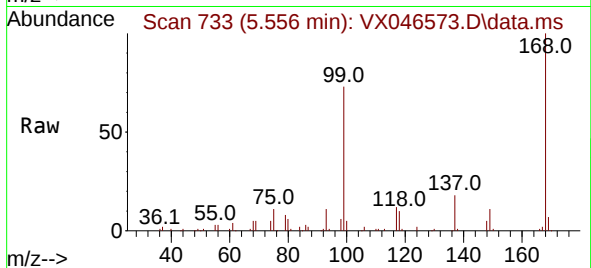




#36
1,1-Dichloropropene
Concen: 5.134 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.158 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

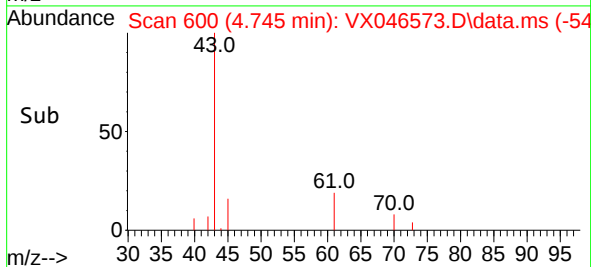
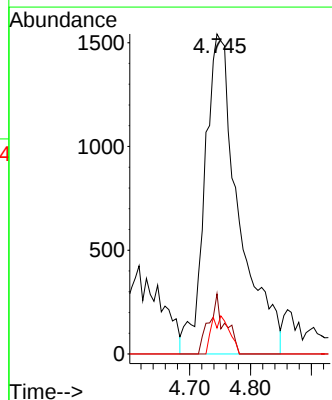
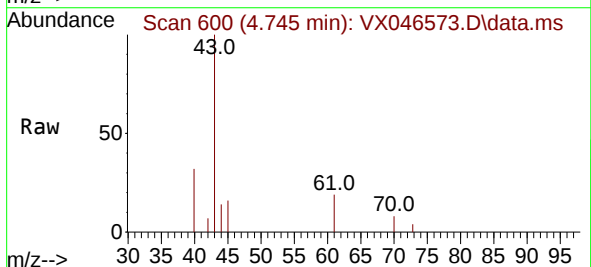
Instrument :
MSVOA_X
ClientSampleId :
TP-1

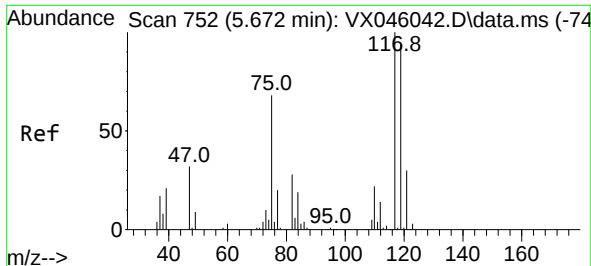
Tgt Ion: 75 Resp: 10575
Ion Ratio Lower Upper
75 100
110 10.1 16.3 48.9#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 2.978 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

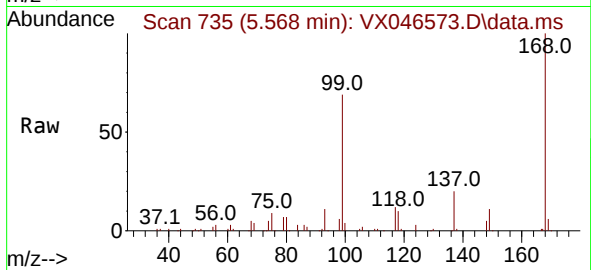
Tgt Ion: 43 Resp: 5987
Ion Ratio Lower Upper
43 100
61 8.9 10.3 15.5#
70 6.1 7.9 11.9#



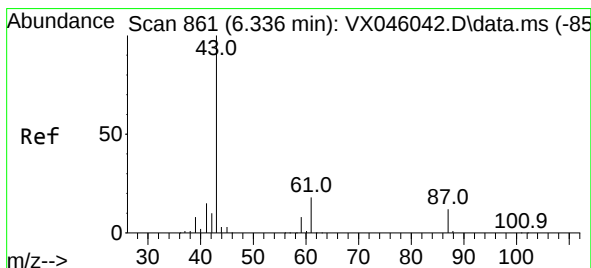
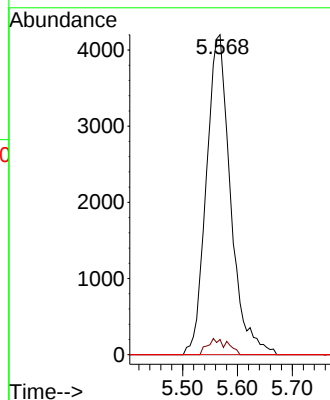
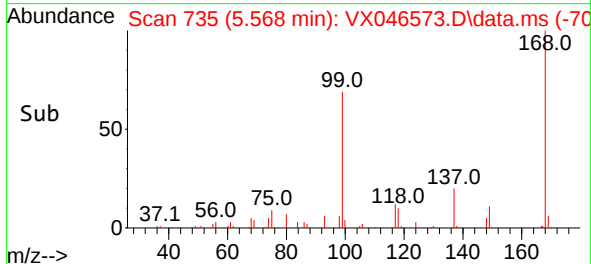


#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Instrument :
MSVOA_X
ClientSampleId :
TP-1

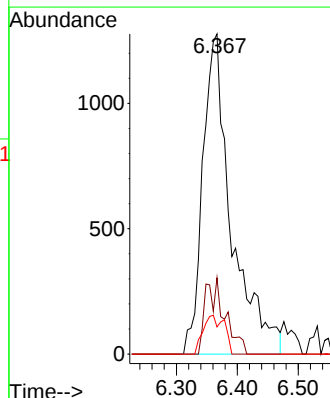
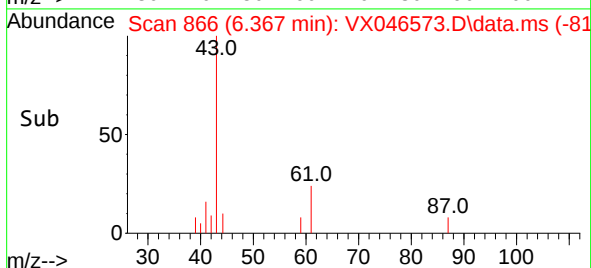
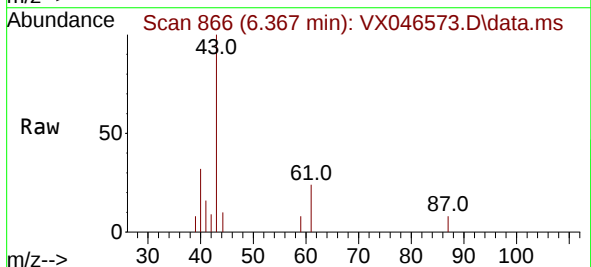


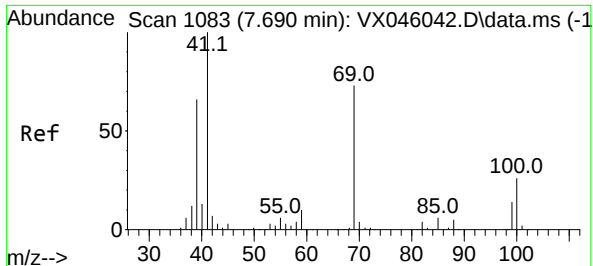
Tgt Ion:117 Resp: 12868
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 1.191 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.013 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion: 43 Resp: 4175
Ion Ratio Lower Upper
43 100
61 16.1 14.3 21.5
87 8.9 9.5 14.3#





#48

Methyl methacrylate

Concen: 20.271 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.097 min

Lab File: VX046573.D

Acq: 09 Jun 2025 12:58

Instrument :

MSVOA_X

ClientSampleId :

TP-1

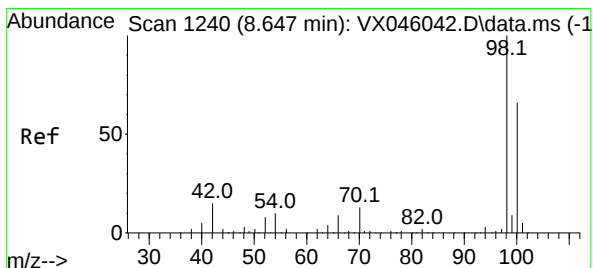
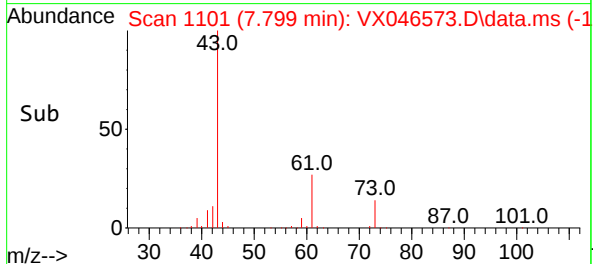
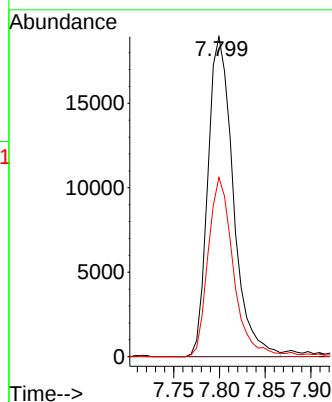
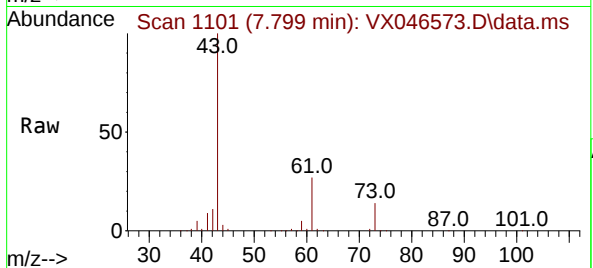
Tgt Ion: 41 Resp: 36554

Ion Ratio Lower Upper

41 100

69 0.0 58.5 87.7#

39 56.0 51.7 77.5



#50

Toluene-d8

Concen: 44.783 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX046573.D

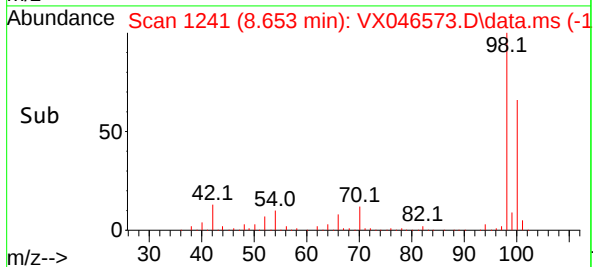
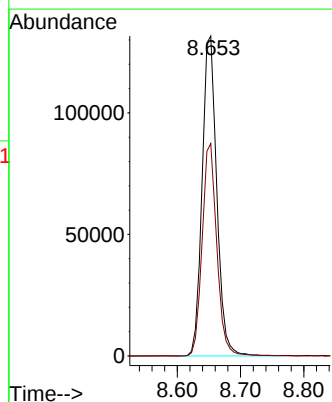
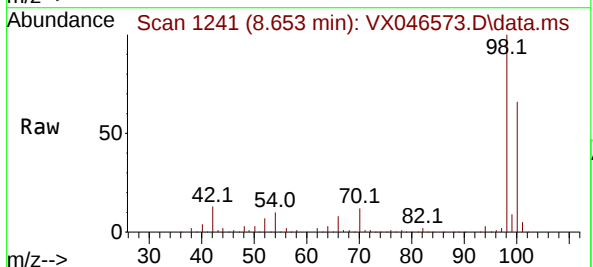
Acq: 09 Jun 2025 12:58

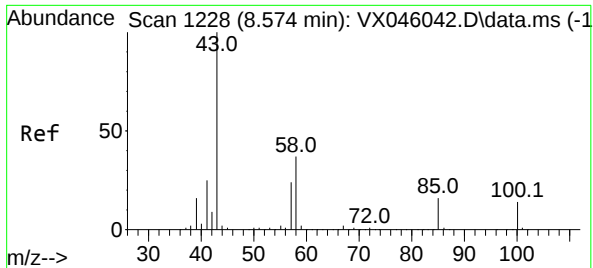
Tgt Ion: 98 Resp: 212911

Ion Ratio Lower Upper

98 100

100 66.4 53.5 80.3

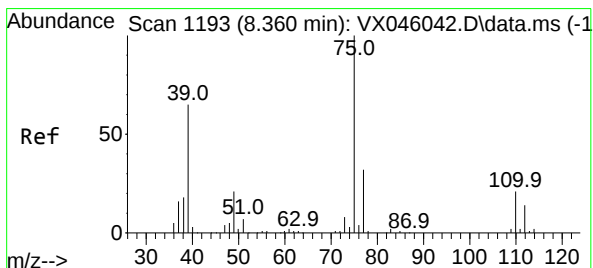
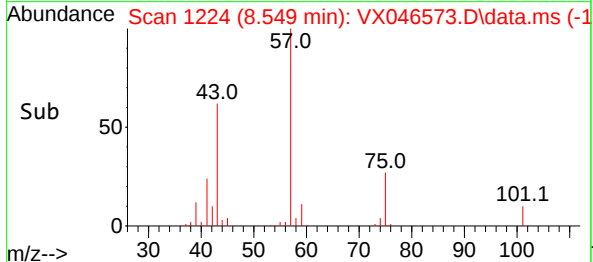
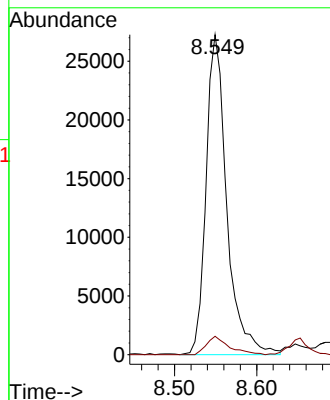
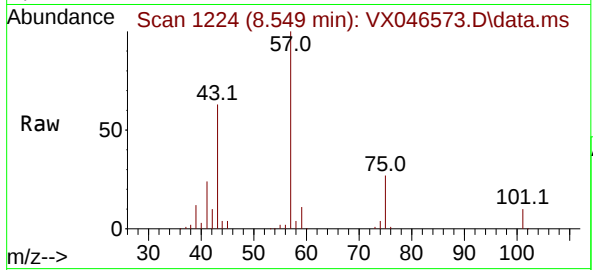




#51
4-Methyl-2-Pentanone
Concen: 21.390 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

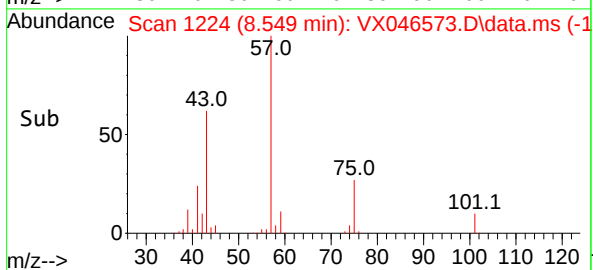
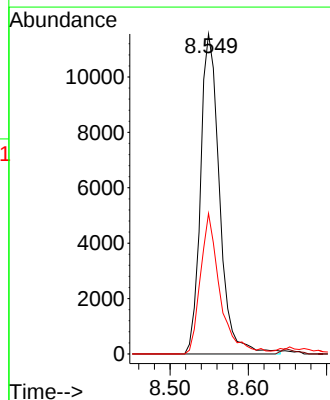
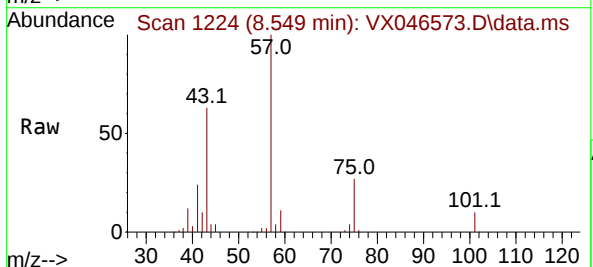
Instrument :
MSVOA_X
ClientSampleId :
TP-1

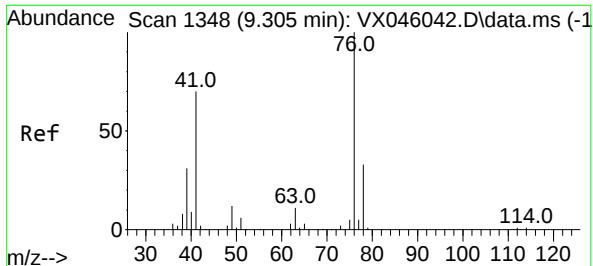
Tgt Ion: 43 Resp: 47640
Ion Ratio Lower Upper
43 100
58 6.3 28.9 43.3#



#54
cis-1,3-Dichloropropene
Concen: 8.431 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion: 75 Resp: 19460
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 43.9 52.2 78.4#





#57

1,3-Dichloropropane

Concen: 0.457 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.171 min

Lab File: VX046573.D

Acq: 09 Jun 2025 12:58

Instrument :

MSVOA_X

ClientSampleId :

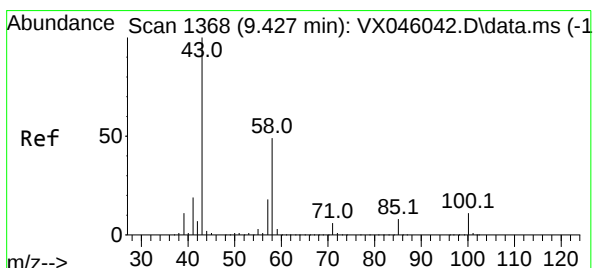
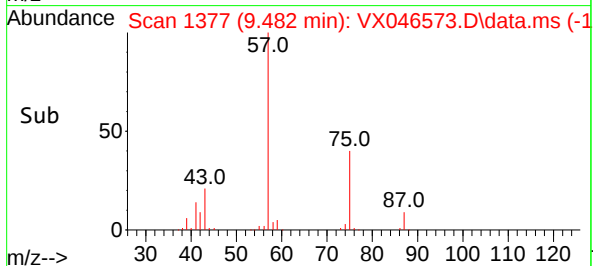
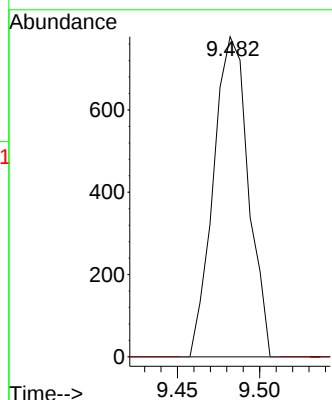
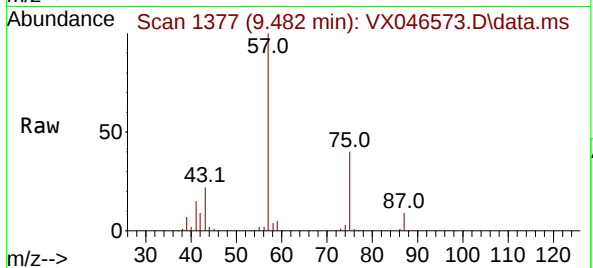
TP-1

Tgt Ion: 76 Resp: 1154

Ion Ratio Lower Upper

76 100

78 0.0 26.3 39.5#



#59

2-Hexanone

Concen: 5.676 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX046573.D

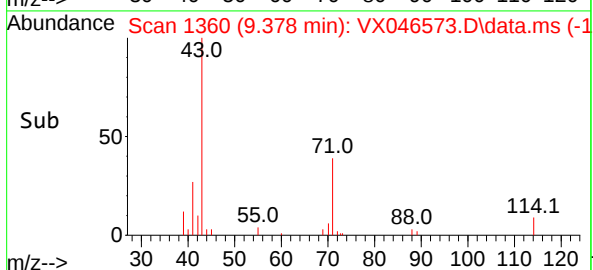
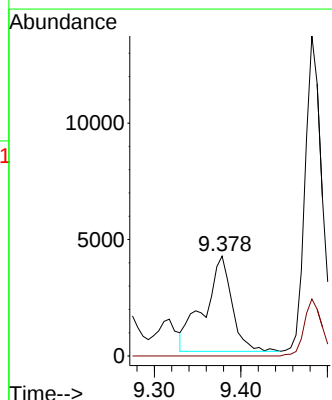
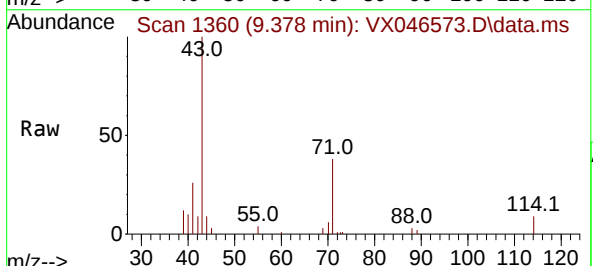
Acq: 09 Jun 2025 12:58

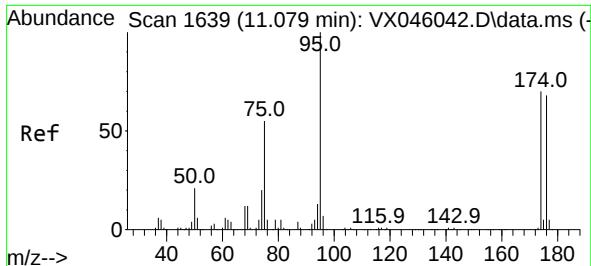
Tgt Ion: 43 Resp: 9066

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#

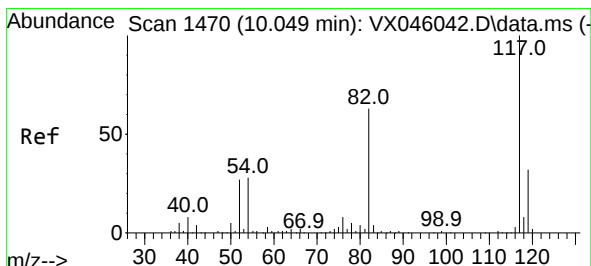
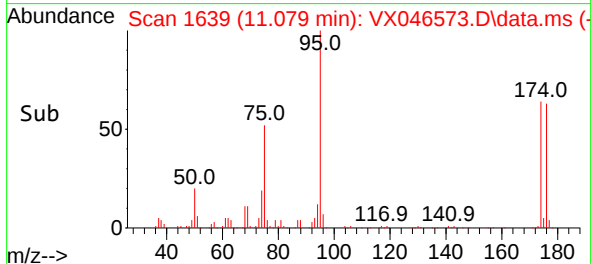
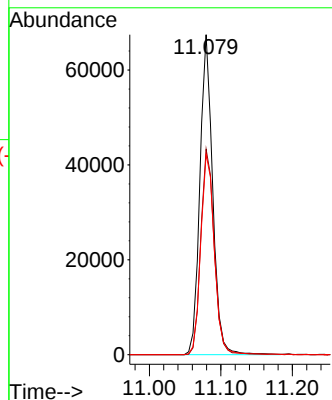
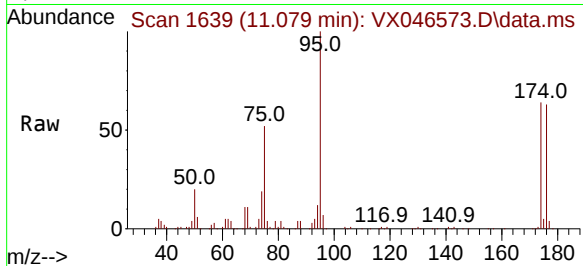




#62
4-Bromofluorobenzene
Concen: 42.519 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

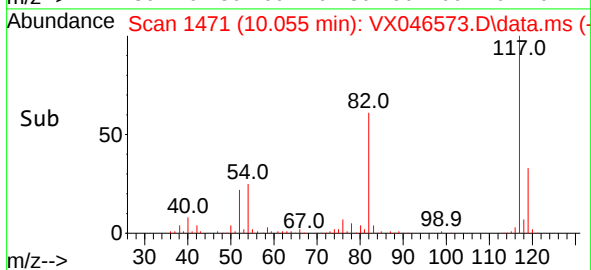
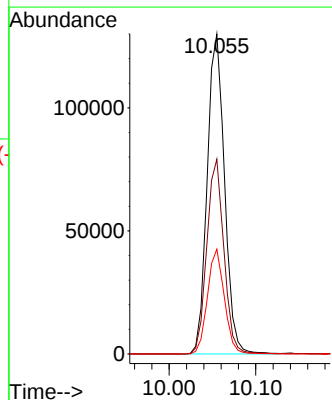
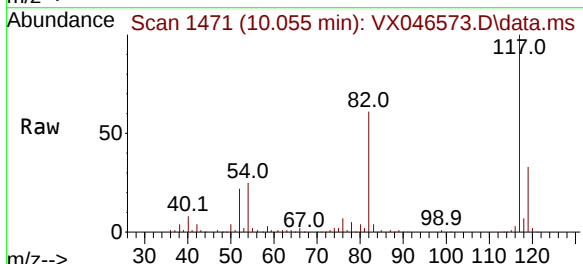
Instrument :
MSVOA_X
ClientSampleId :
TP-1

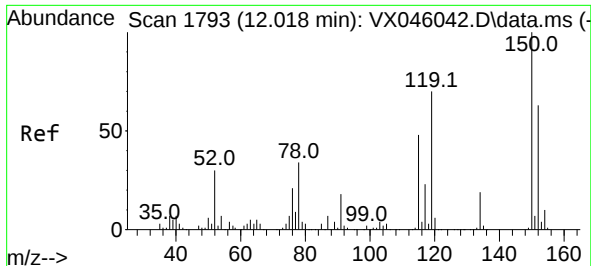
Tgt Ion: 95 Resp: 83637
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 66.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion: 117 Resp: 180786
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 32.8 25.8 38.6

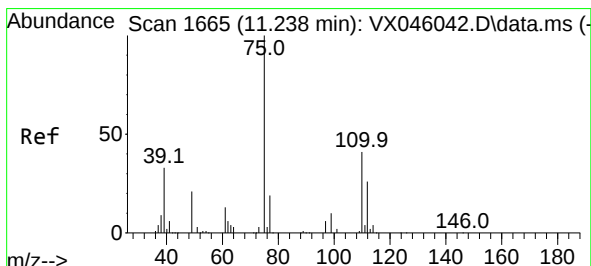
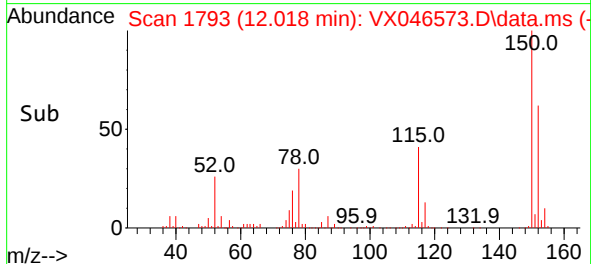
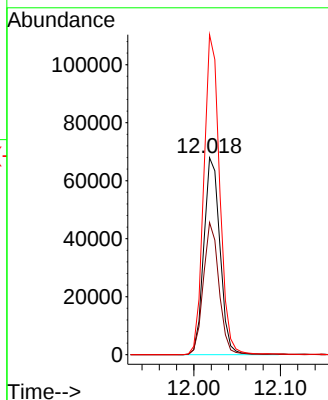
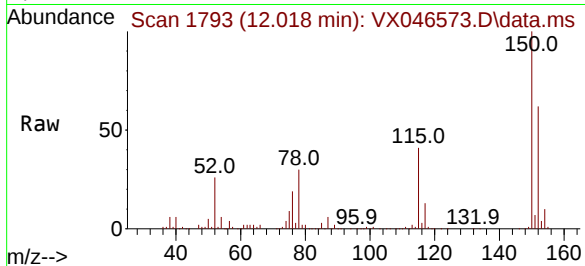




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046573.D
 Acq: 09 Jun 2025 12:58

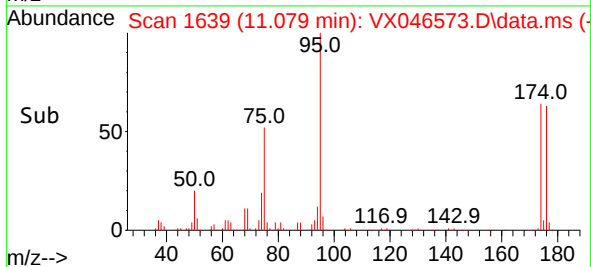
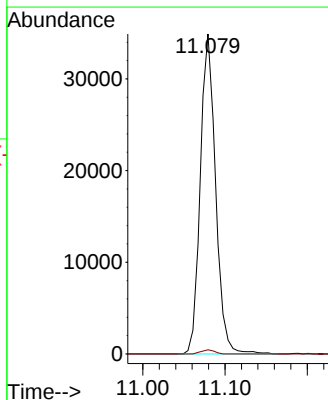
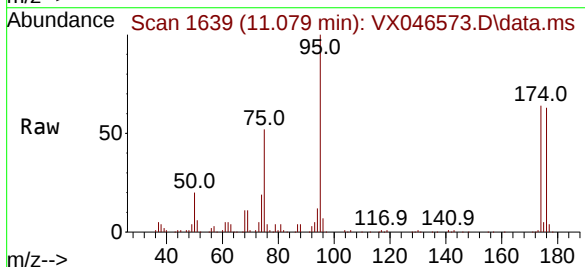
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

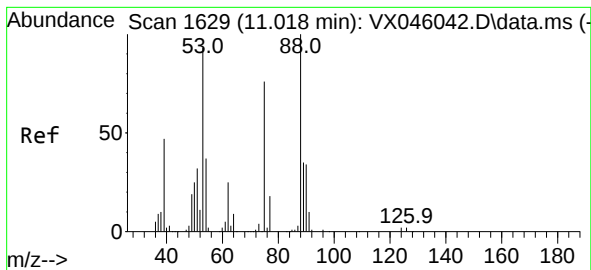
Tgt Ion:152 Resp: 87802
 Ion Ratio Lower Upper
 152 100
 115 65.0 46.9 140.7
 150 160.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 24.278 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046573.D
 Acq: 09 Jun 2025 12:58

Tgt Ion: 75 Resp: 45151
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.032 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046573.D
 Acq: 09 Jun 2025 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Tgt Ion: 75 Resp: 45151
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

