

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046579.D
 Acq On : 09 Jun 2025 15:06
 Operator : JC/MD
 Sample : Q2262-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0032

Quant Time: Jun 10 01:44:32 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)

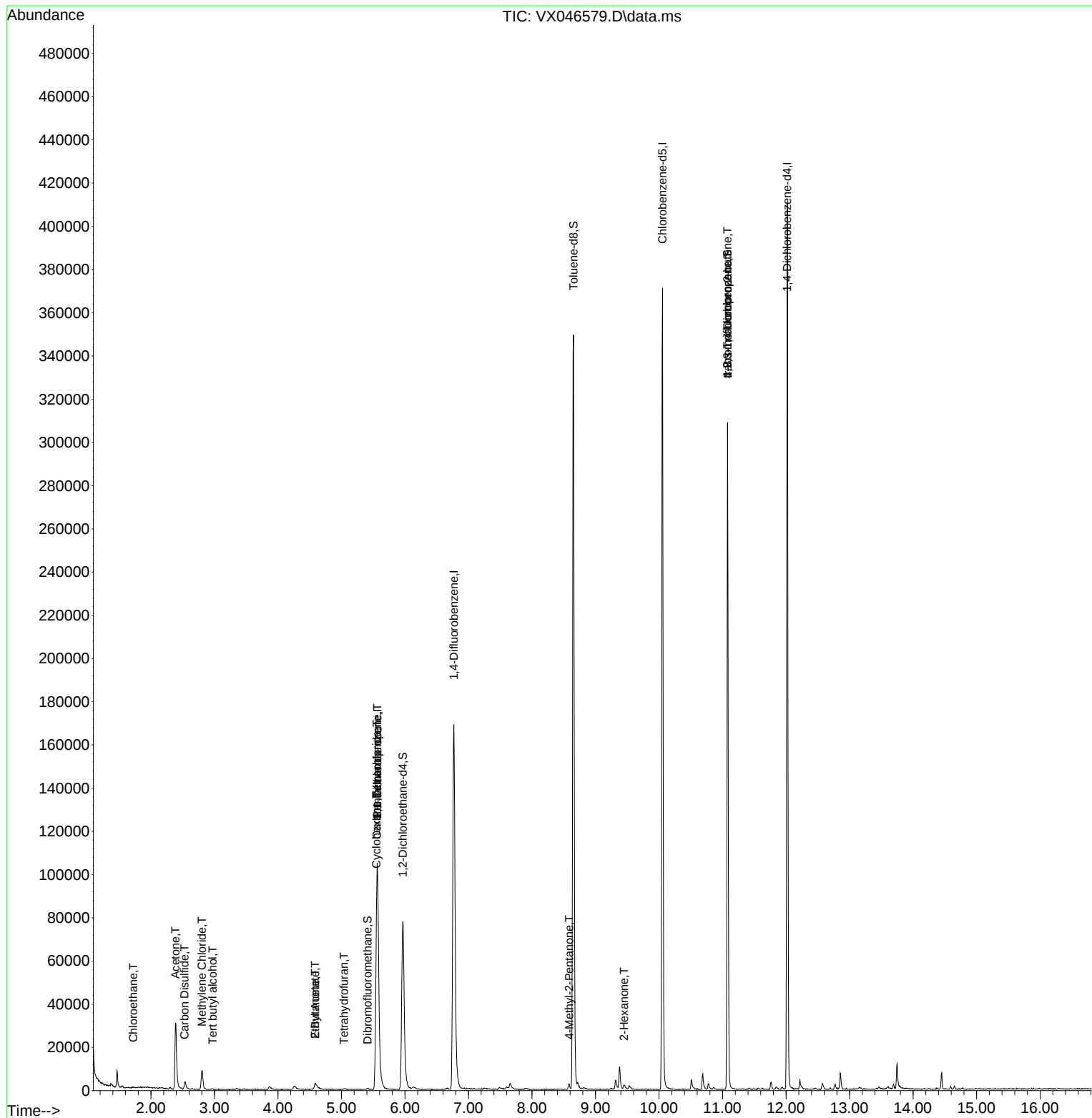
Internal Standards						
1) Pentafluorobenzene	5.562	168	98714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	177085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83485	47.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.080%		
35) Dibromofluoromethane	5.410	113	383	0.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.580%#		
50) Toluene-d8	8.653	98	210199	48.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.920%		
62) 4-Bromofluorobenzene	11.079	95	81218	45.721	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.440%		
Target Compounds					Qvalue	
6) Chloroethane	1.721	64	375	0.465	ug/l #	44
11) Tert butyl alcohol	2.971	59	400	2.053	ug/l #	72
16) Acetone	2.386	43	39230	60.433	ug/l	95
17) Carbon Disulfide	2.526	76	454	0.384	ug/l #	76
20) Methylene Chloride	2.800	84	4252	3.018	ug/l	86
25) 2-Butanone	4.587	43	6666	6.818	ug/l #	85
29) Tetrahydrofuran	5.038	42	366	0.593	ug/l #	58
31) Cyclohexane	5.550	56	2504	1.226	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	9567	5.143	ug/l #	49
37) Ethyl Acetate	4.587	43	6666	3.672	ug/l #	70
38) Carbon Tetrachloride	5.556	117	11366	5.455	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	1977	0.983	ug/l	95
59) 2-Hexanone	9.451	43	2021	1.401	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	44246	26.537	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	44246	76.548	ug/l #	1

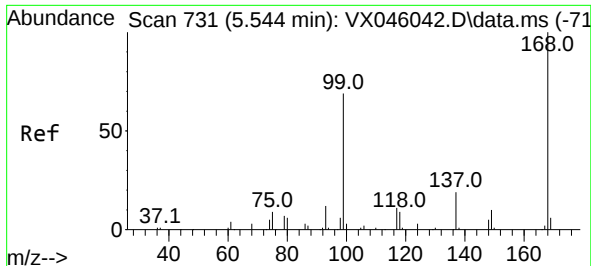
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046579.D
Acq On : 09 Jun 2025 15:06
Operator : JC/MD
Sample : Q2262-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

Quant Time: Jun 10 01:44:32 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

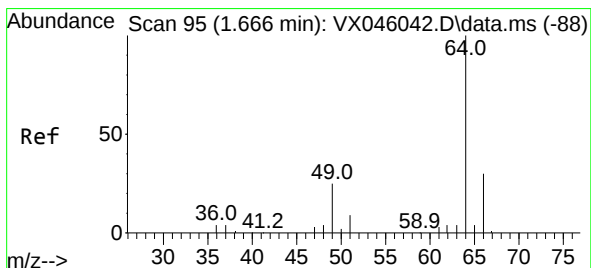
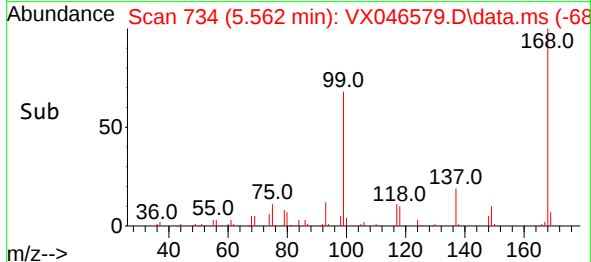
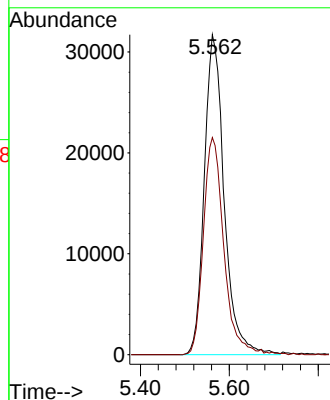
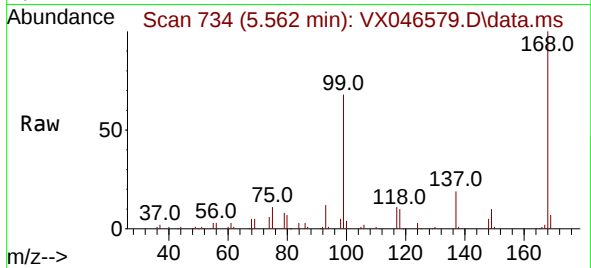




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

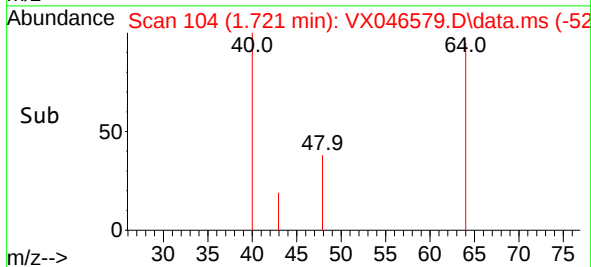
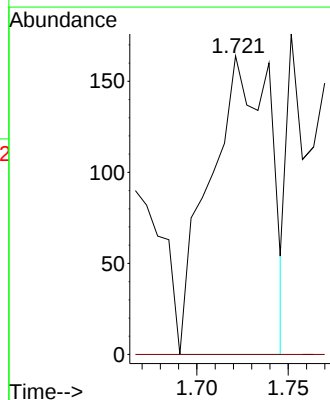
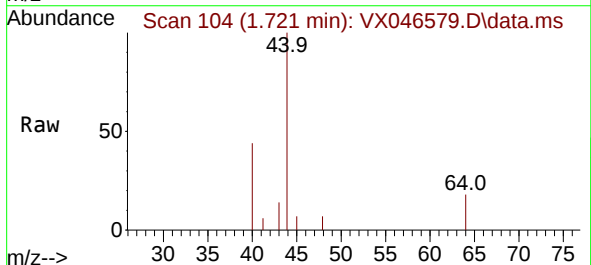
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

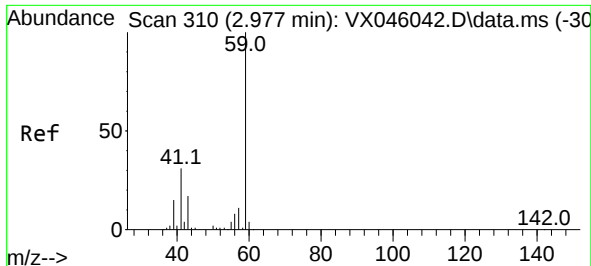
Tgt Ion:168 Resp: 98714
Ion Ratio Lower Upper
168 100
99 67.9 54.9 82.3



#6
Chloroethane
Concen: 0.465 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.018 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 64 Resp: 375
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

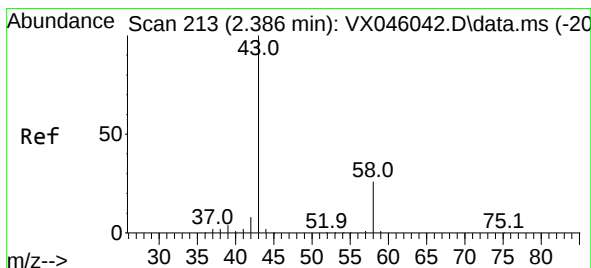
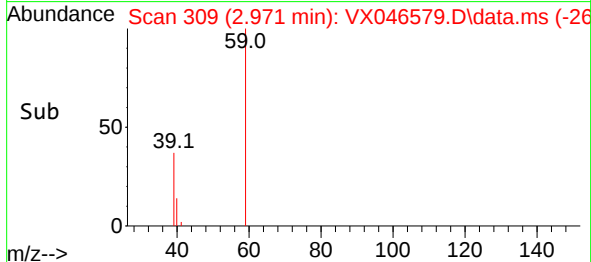
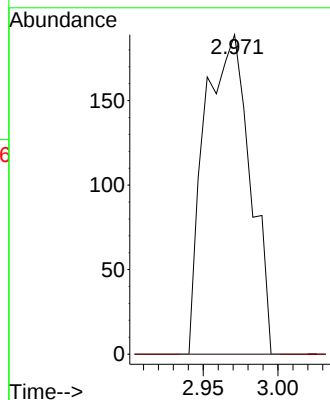
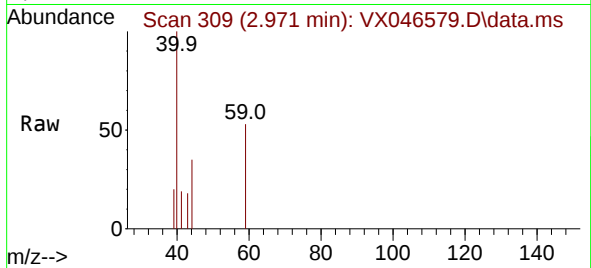




#11
Tert butyl alcohol
Concen: 2.053 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

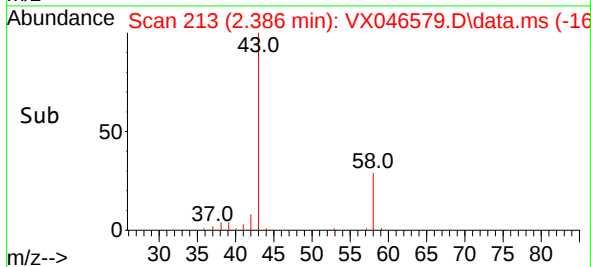
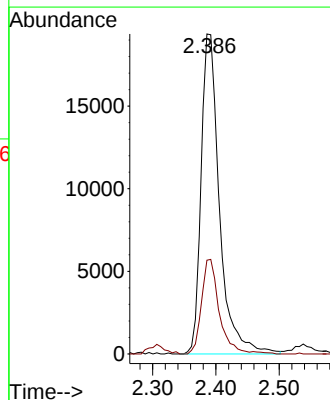
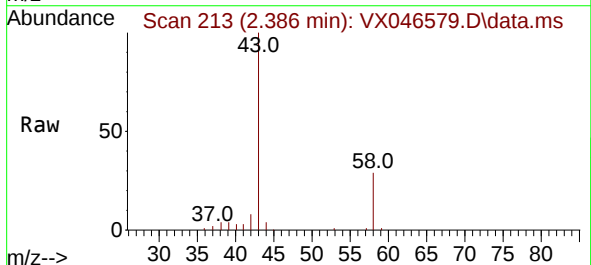
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

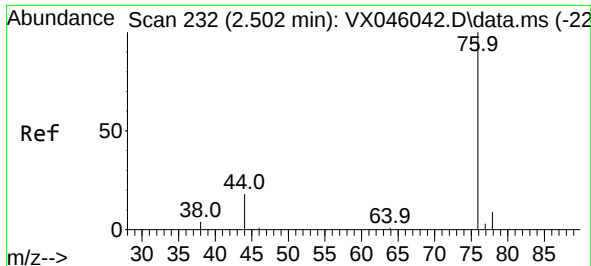
Tgt Ion: 59 Resp: 400
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 60.433 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 43 Resp: 39230
Ion Ratio Lower Upper
43 100
58 29.3 21.2 31.8





#17

Carbon Disulfide

Concen: 0.384 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046579.D

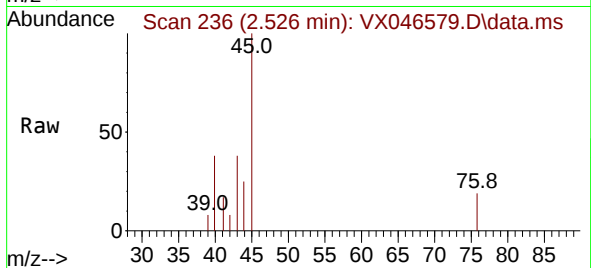
Acq: 09 Jun 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

ARS20-0032

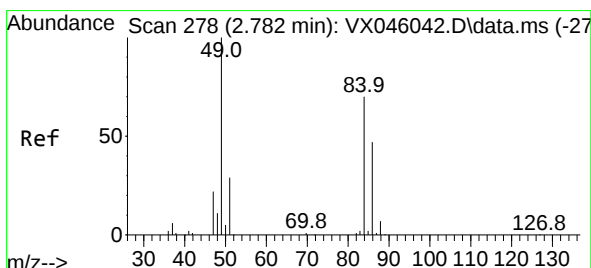
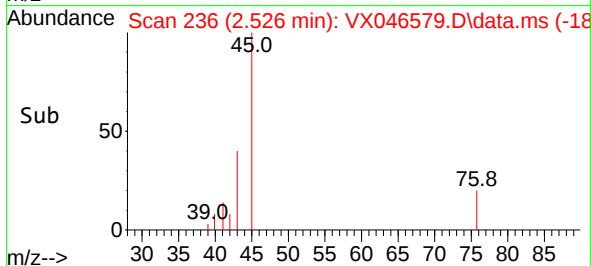
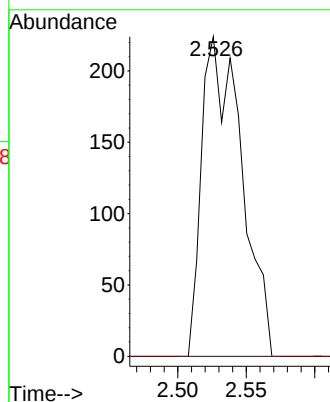


Tgt Ion: 76 Resp: 454

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#20

Methylene Chloride

Concen: 3.018 ug/l

RT: 2.800 min Scan# 281

Delta R.T. -0.006 min

Lab File: VX046579.D

Acq: 09 Jun 2025 15:06

Tgt Ion: 84 Resp: 4252

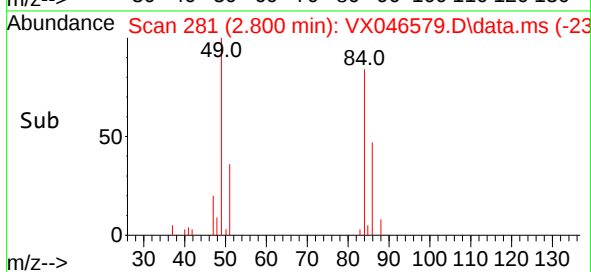
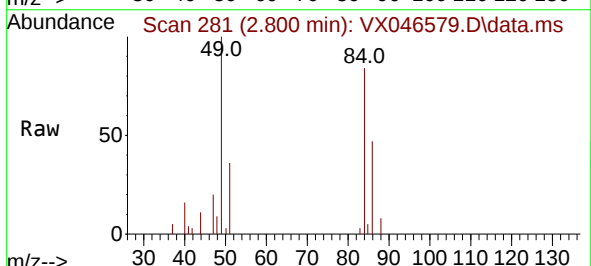
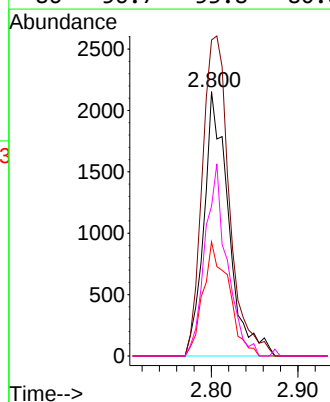
Ion Ratio Lower Upper

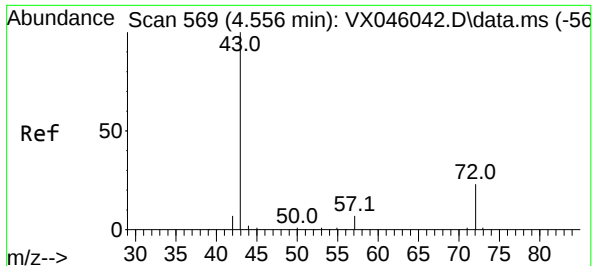
84 100

49 119.6 113.9 170.9

51 43.2 33.5 50.3

86 56.7 53.8 80.8

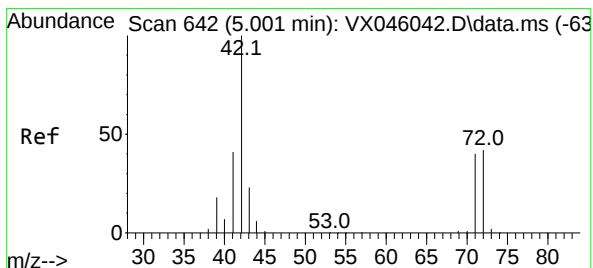
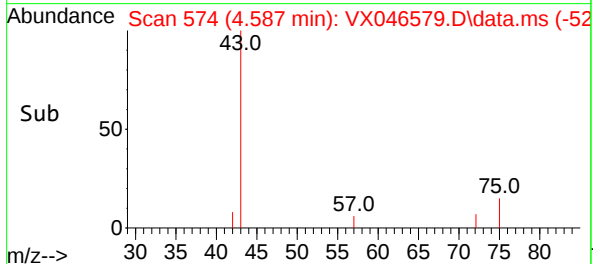
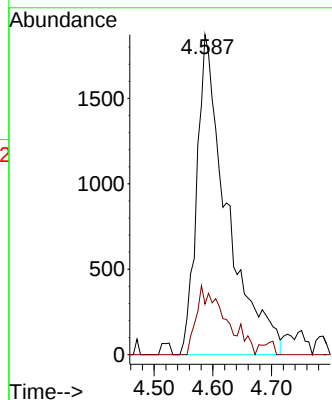
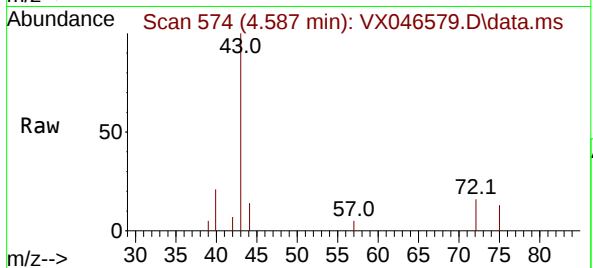




#25
2-Butanone
Concen: 6.818 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

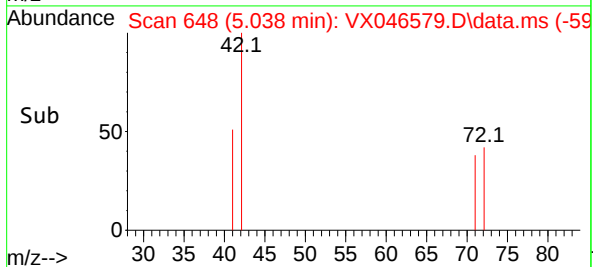
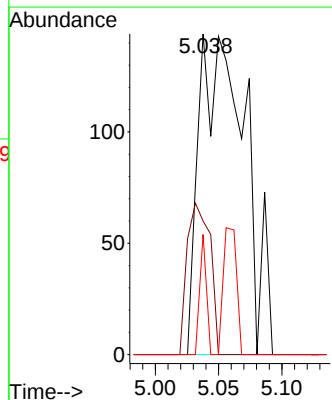
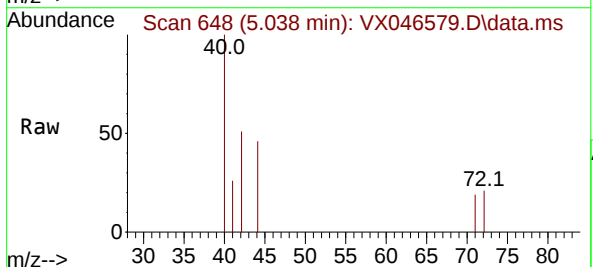
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

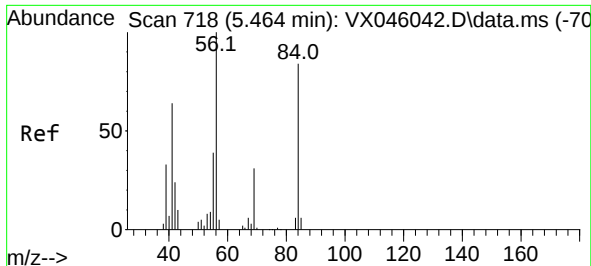
Tgt Ion: 43 Resp: 6666
Ion Ratio Lower Upper
43 100
72 15.8 18.4 27.6#



#29
Tetrahydrofuran
Concen: 0.593 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 42 Resp: 366
Ion Ratio Lower Upper
42 100
72 23.5 33.7 50.5#
71 5.5 31.4 47.2#

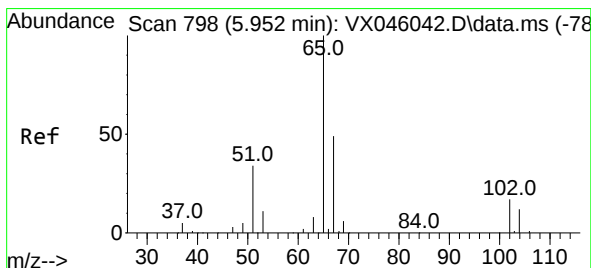
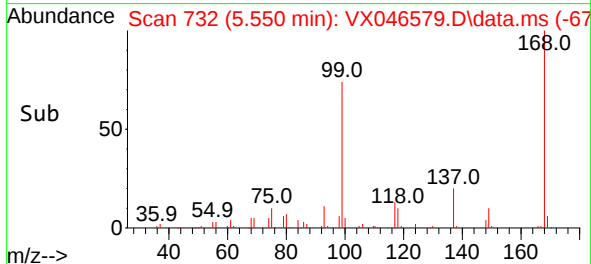
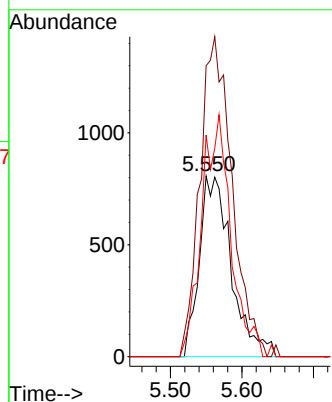
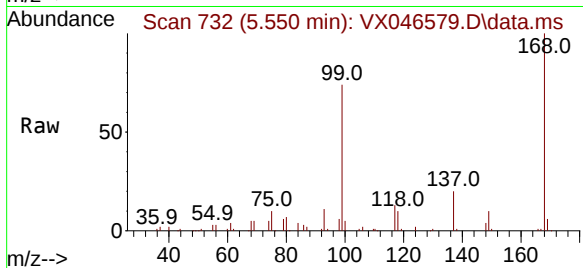




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.061 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

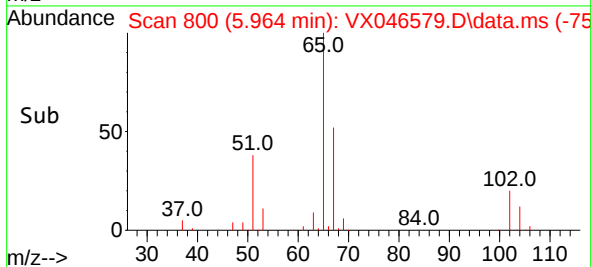
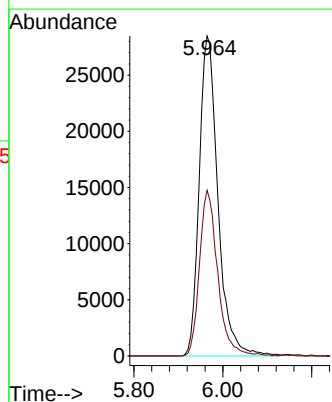
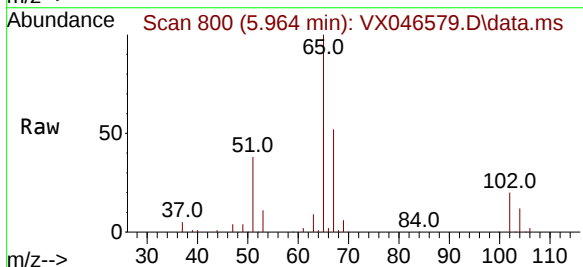
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

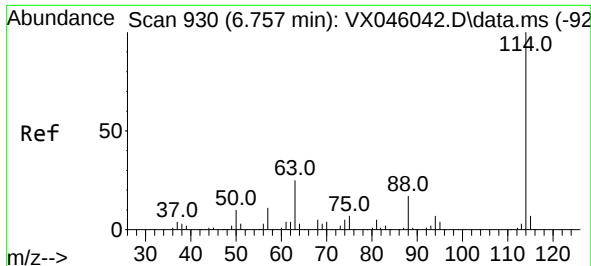
Tgt Ion: 56 Resp: 2504
Ion Ratio Lower Upper
56 100
69 161.1 24.4 36.6#
84 122.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.537 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 65 Resp: 83485
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.0

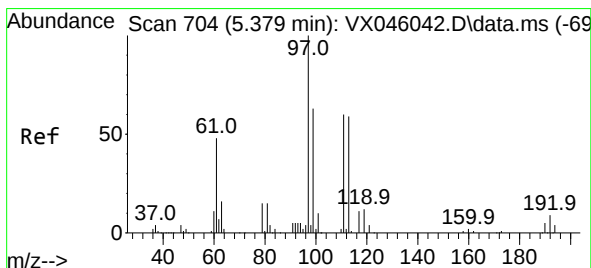
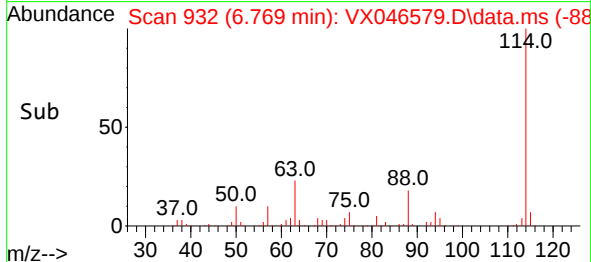
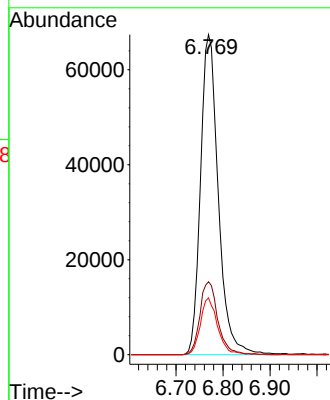
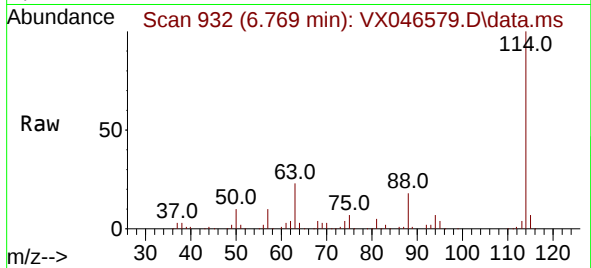




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

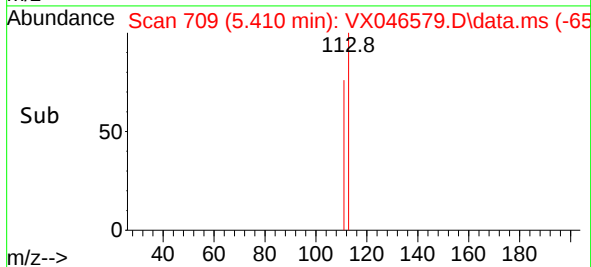
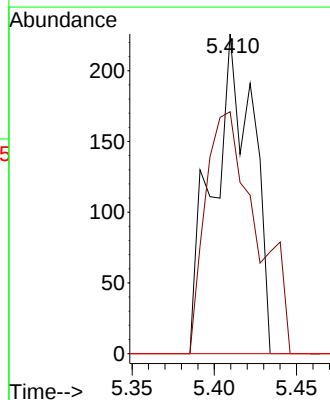
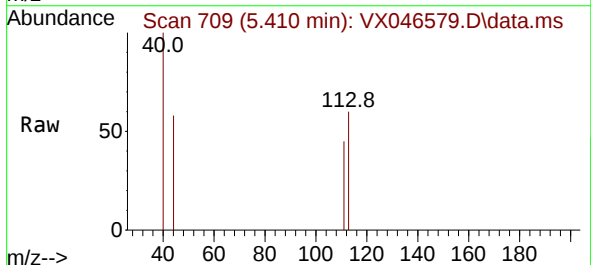
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

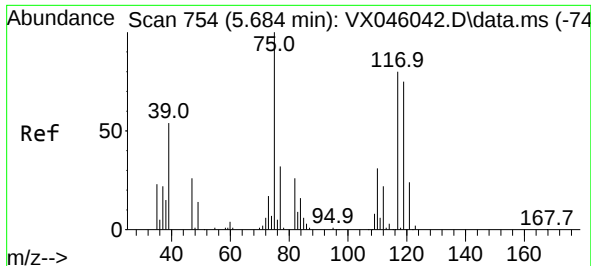
Tgt Ion:114 Resp: 177085
Ion Ratio Lower Upper
114 100
63 22.8 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 0.294 ug/l
RT: 5.410 min Scan# 709
Delta R.T. 0.007 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion:113 Resp: 383
Ion Ratio Lower Upper
113 100
111 95.6 83.1 124.7
192 0.0 13.3 19.9#

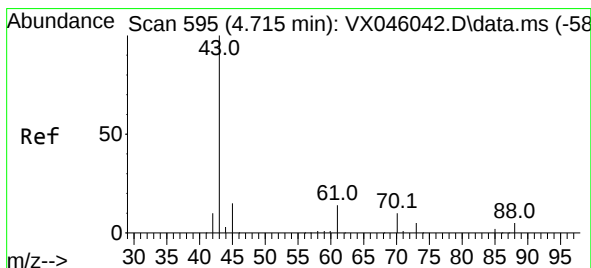
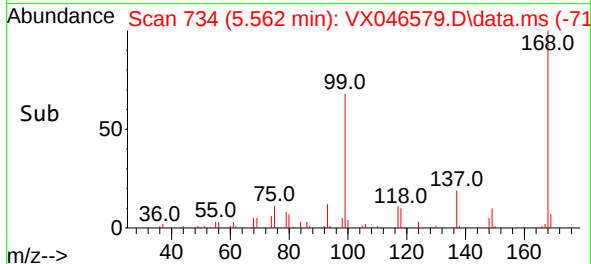
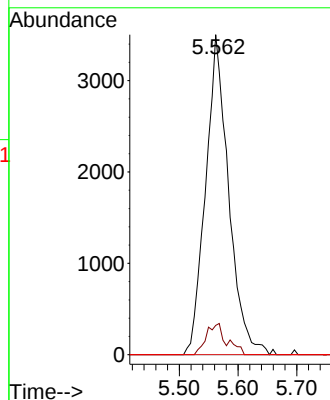
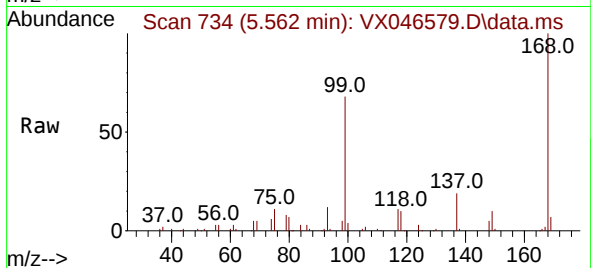




#36
1,1-Dichloropropene
Concen: 5.143 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

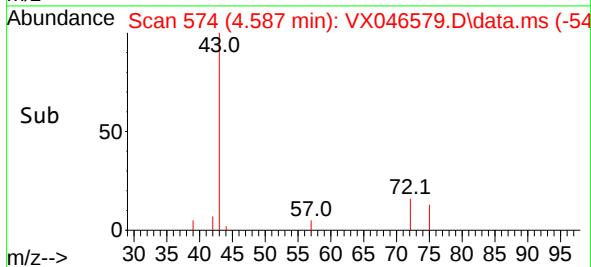
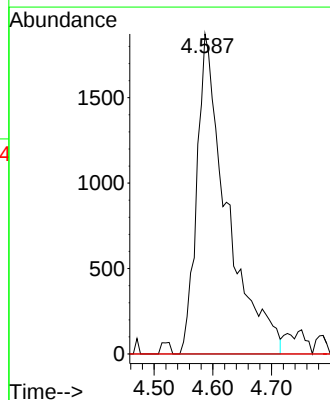
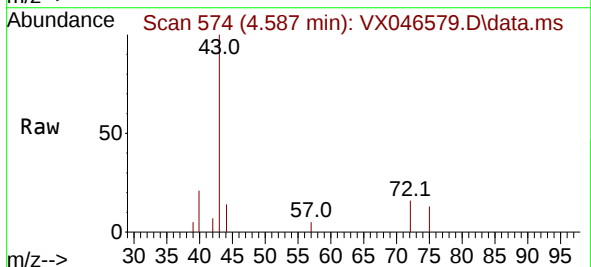
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

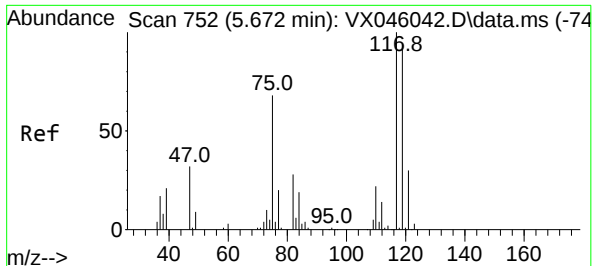
Tgt Ion: 75 Resp: 9567
Ion Ratio Lower Upper
75 100
110 6.8 16.3 48.9#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 3.672 ug/l
RT: 4.587 min Scan# 574
Delta R.T. -0.146 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

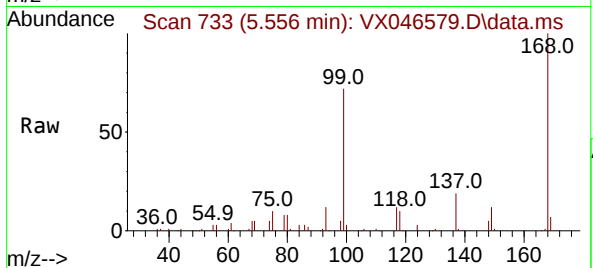
Tgt Ion: 43 Resp: 6666
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#



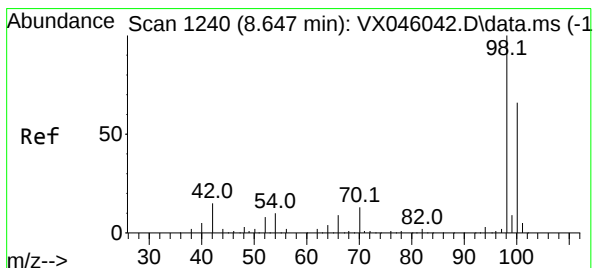
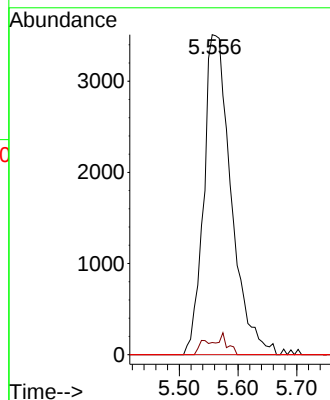
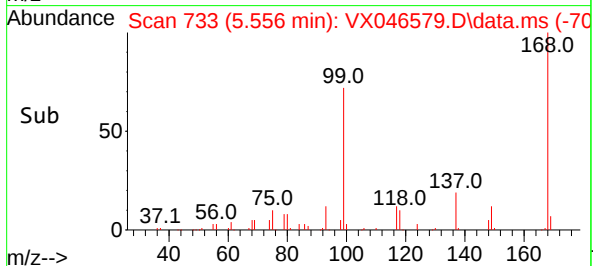


#38
Carbon Tetrachloride
Concen: 5.455 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

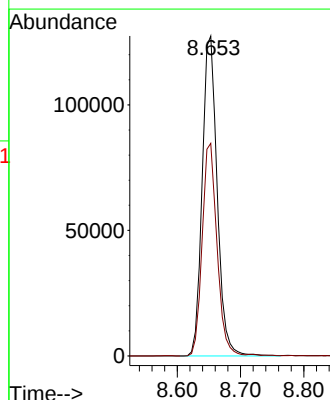
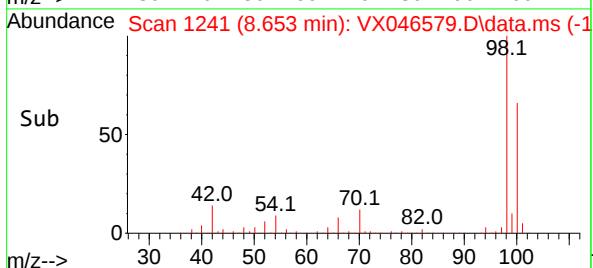
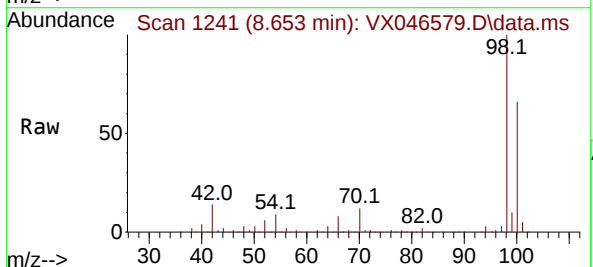


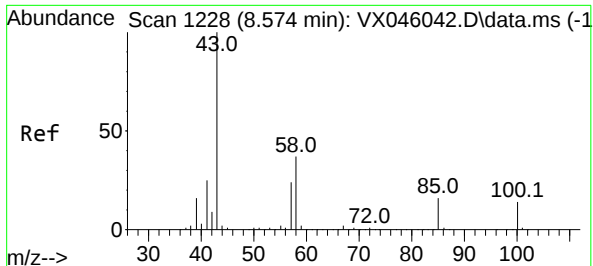
Tgt Ion:117 Resp: 11366
Ion Ratio Lower Upper
117 100
119 3.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.958 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 98 Resp: 210199
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

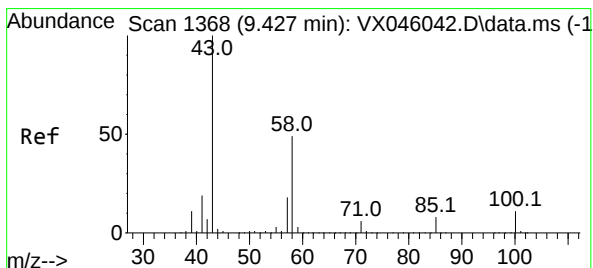
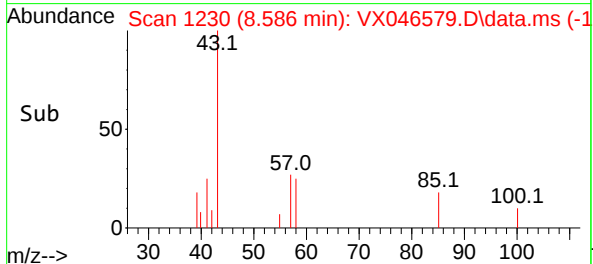
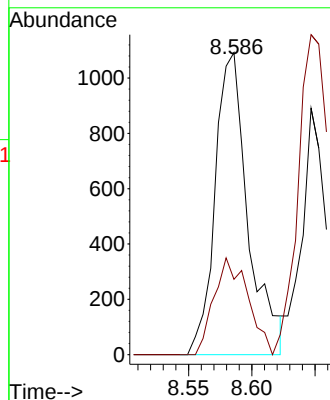
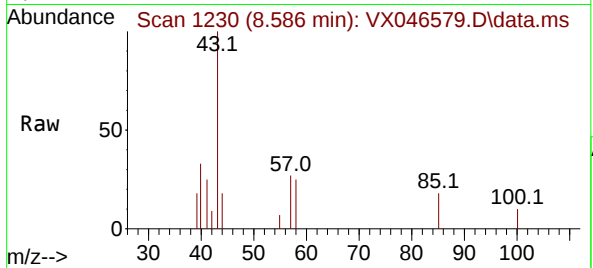




#51
4-Methyl-2-Pentanone
Concen: 0.983 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.013 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

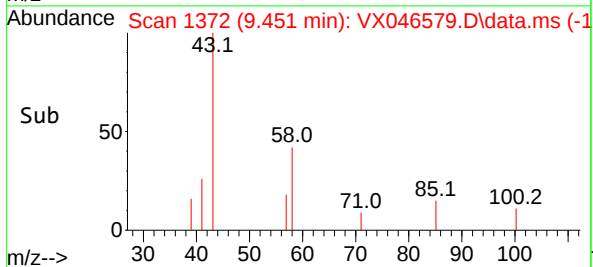
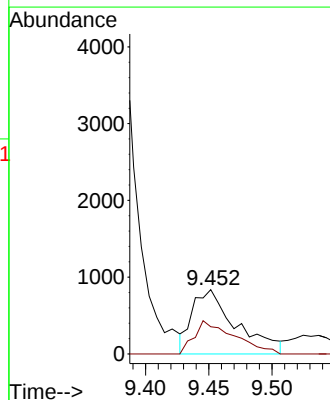
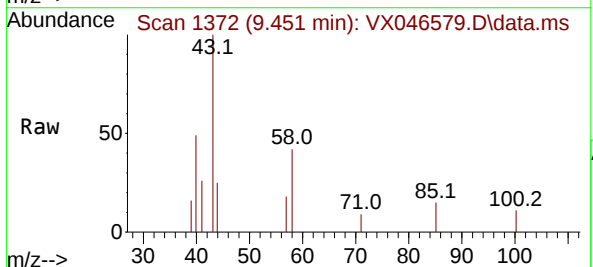
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

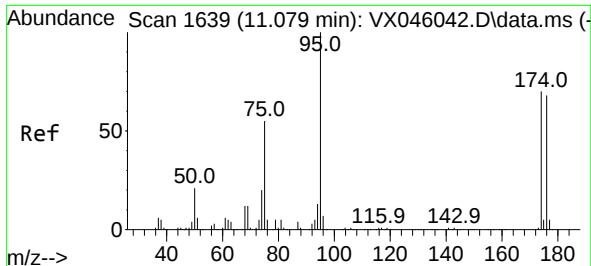
Tgt Ion: 43 Resp: 1977
Ion Ratio Lower Upper
43 100
58 33.0 28.9 43.3



#59
2-Hexanone
Concen: 1.401 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 43 Resp: 2021
Ion Ratio Lower Upper
43 100
58 47.1 24.9 74.6

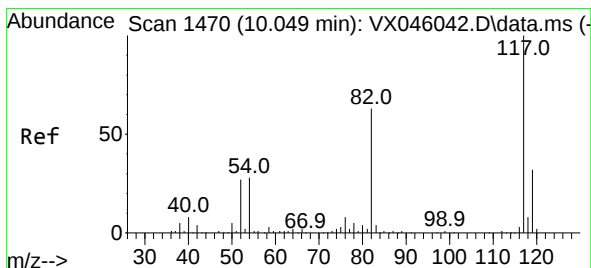
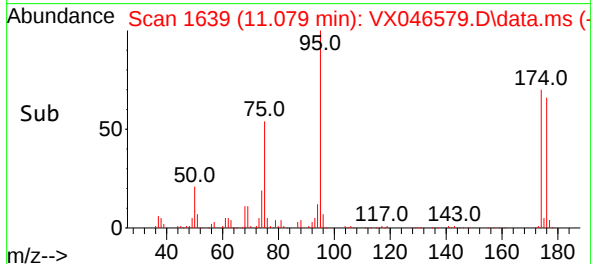
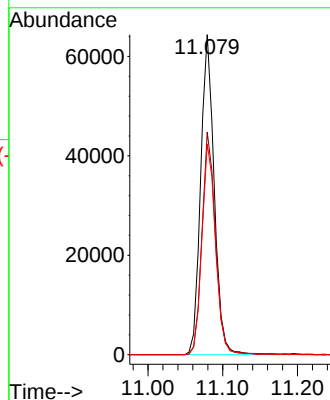
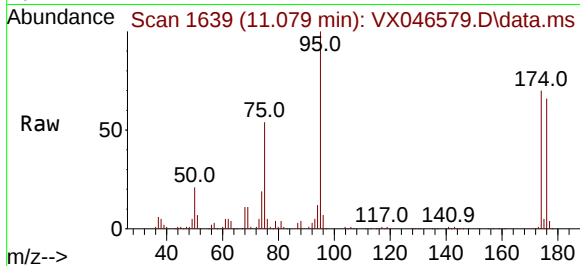




#62
4-Bromofluorobenzene
Concen: 45.721 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

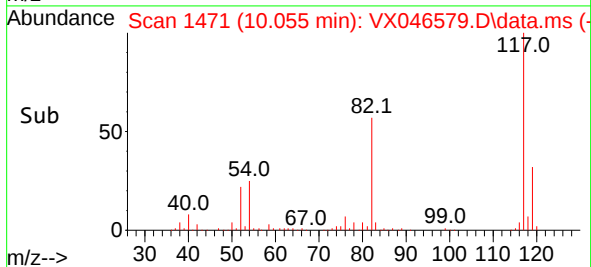
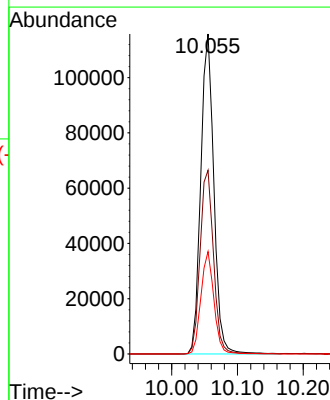
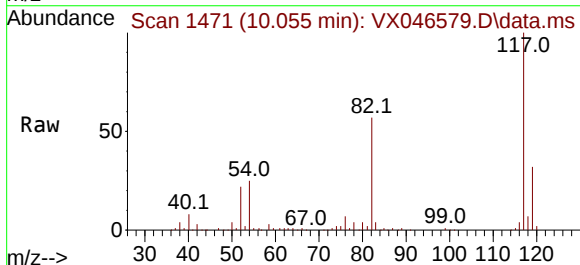
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0032

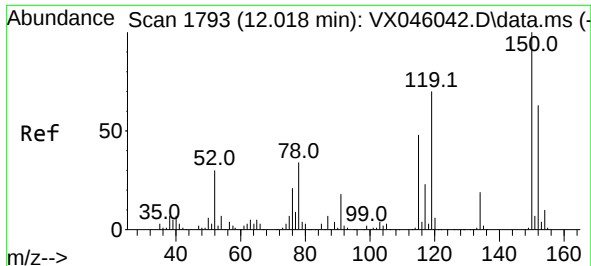
Tgt Ion: 95 Resp: 81218
Ion Ratio Lower Upper
95 100
174 69.4 0.0 135.8
176 66.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046579.D
Acq: 09 Jun 2025 15:06

Tgt Ion: 117 Resp: 160043
Ion Ratio Lower Upper
117 100
82 57.4 50.6 76.0
119 32.0 25.8 38.6

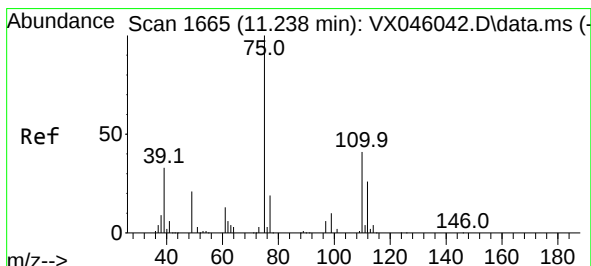
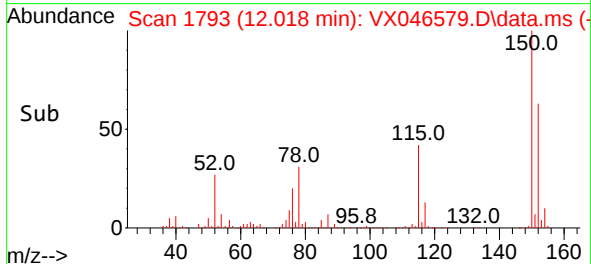
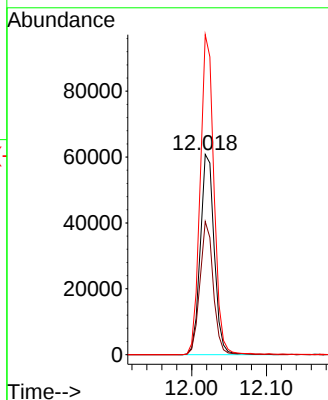
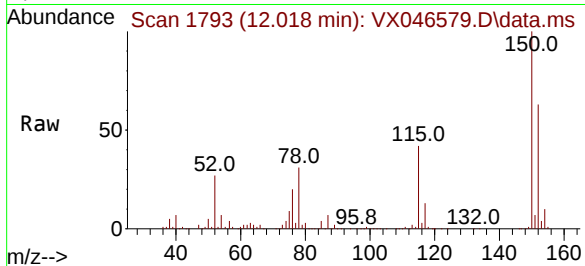




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046579.D
 Acq: 09 Jun 2025 15:06

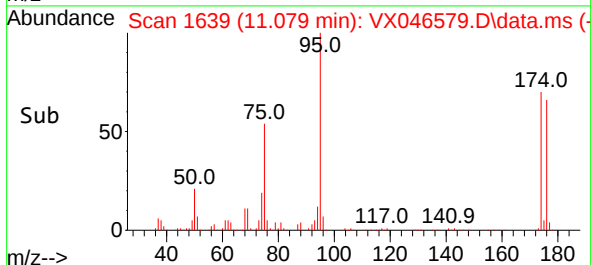
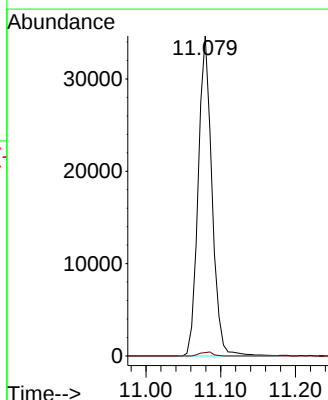
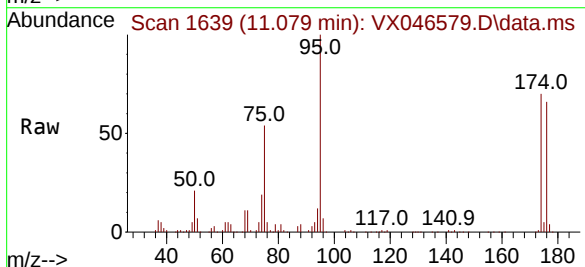
Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0032

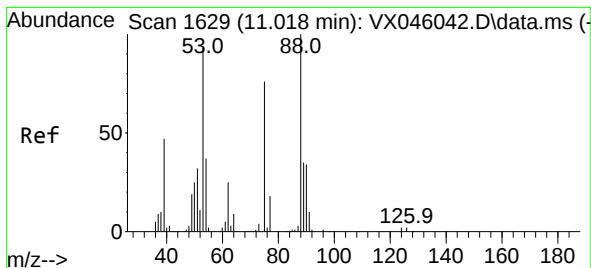
Tgt Ion:152 Resp: 78718
 Ion Ratio Lower Upper
 152 100
 115 63.9 46.9 140.7
 150 157.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 26.537 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046579.D
 Acq: 09 Jun 2025 15:06

Tgt Ion: 75 Resp: 44246
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.548 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046579.D
 Acq: 09 Jun 2025 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0032

Tgt Ion: 75 Resp: 44246
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

