

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046265.D
 Acq On : 19 May 2025 14:14
 Operator : JC/MD
 Sample : Q2062-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 L1-WC-3

Quant Time: May 19 23:10:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards					
1) Pentafluorobenzene	5.544	168	59357	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118499	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114246	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49048	50.000 ug/l	0.00

System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.952	65	60826	54.966 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.940%		
35) Dibromofluoromethane	5.385	113	43974	51.533 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.060%		
50) Toluene-d8	8.647	98	152551	51.652 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.300%		
62) 4-Bromofluorobenzene	11.079	95	58370	51.523 ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.040%		

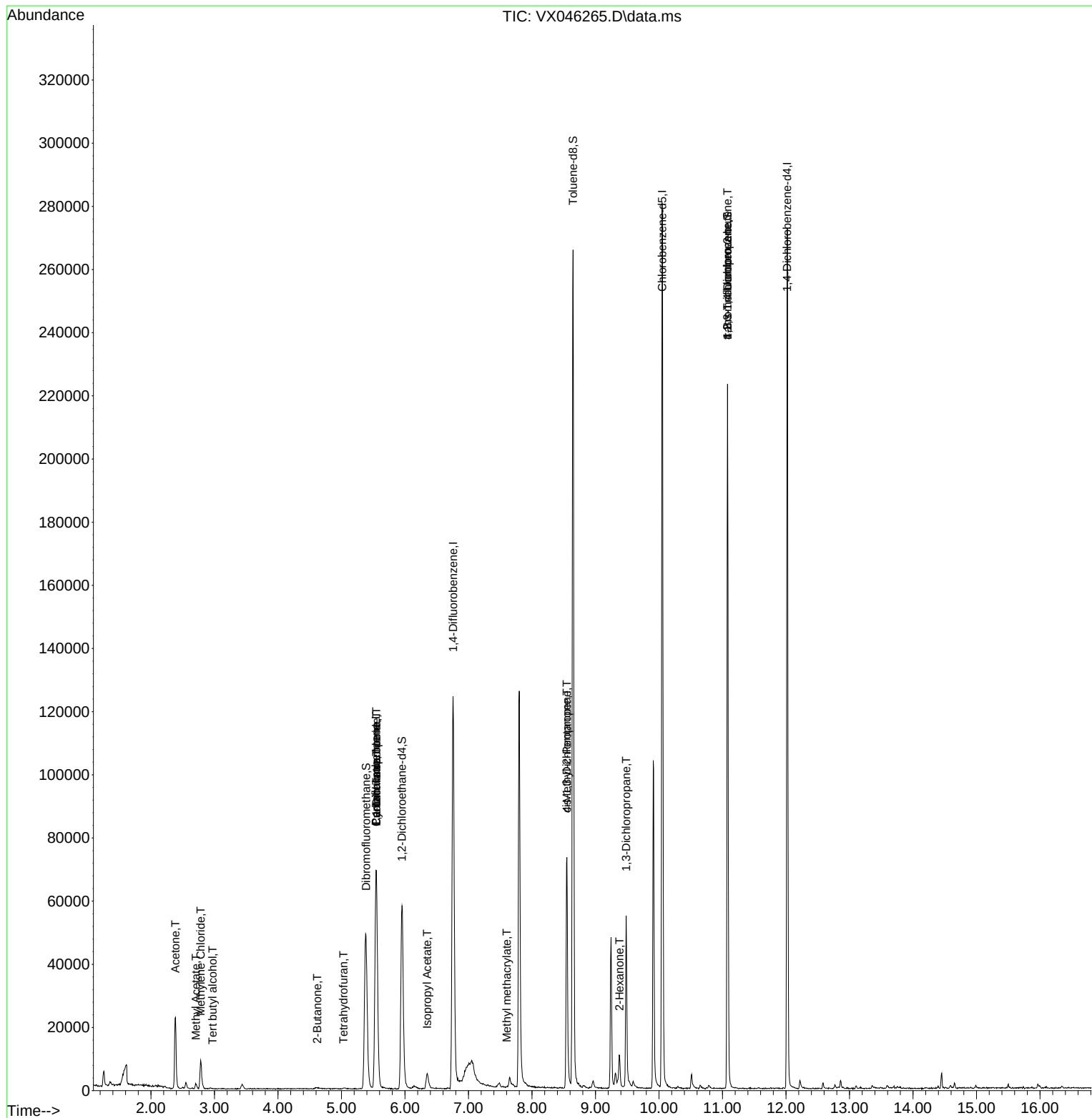
Target Compounds					Qvalue
11) Tert butyl alcohol	2.971	59	186	1.197 ug/l #	72
16) Acetone	2.386	43	25558	57.602 ug/l	97
18) Methyl Acetate	2.709	43	2114	2.053 ug/l	96
20) Methylene Chloride	2.782	84	4105	4.828 ug/l	90
25) 2-Butanone	4.617	43	881	1.368 ug/l #	53
29) Tetrahydrofuran	5.032	42	102	0.253 ug/l #	56
31) Cyclohexane	5.550	56	1778	1.348 ug/l #	19
36) 1,1-Dichloropropene	5.550	75	6070	5.294 ug/l #	48
38) Carbon Tetrachloride	5.550	117	7115	5.523 ug/l #	16
43) Isopropyl Acetate	6.349	43	7802	3.610 ug/l	95
48) Methyl methacrylate	7.604	41	426	0.386 ug/l #	15
51) 4-Methyl-2-Pentanone	8.549	43	28235	19.684 ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	10828	8.497 ug/l #	63
57) 1,3-Dichloropropane	9.482	76	416	0.285 ug/l #	42
59) 2-Hexanone	9.378	43	8111	7.643 ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	32924	27.887 ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32924	90.792 ug/l #	1

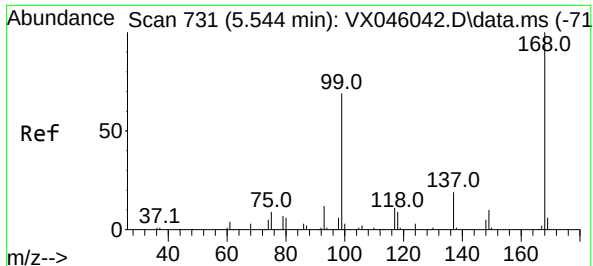
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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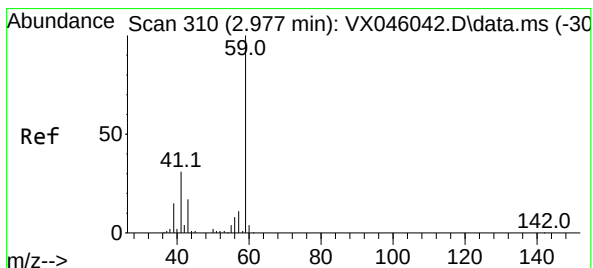
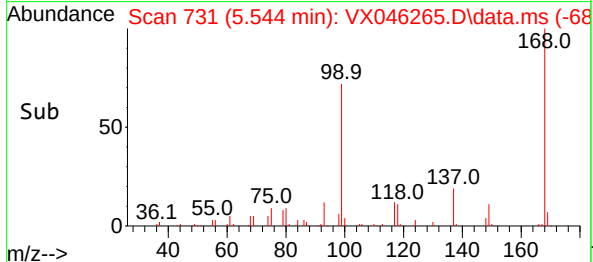
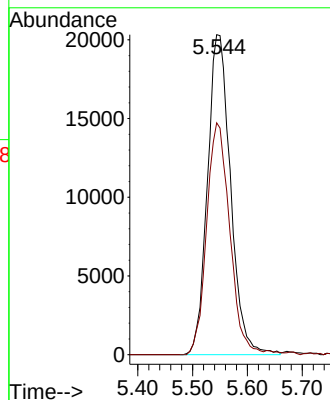
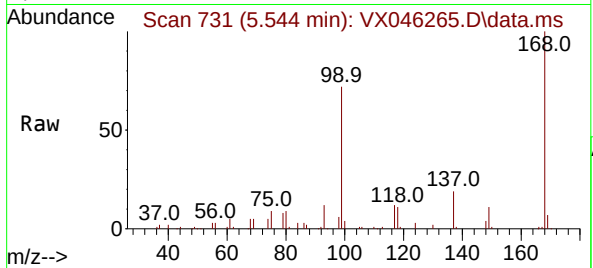




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

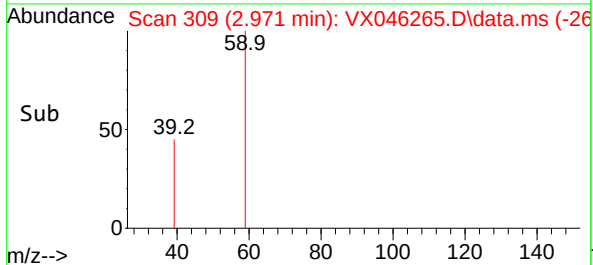
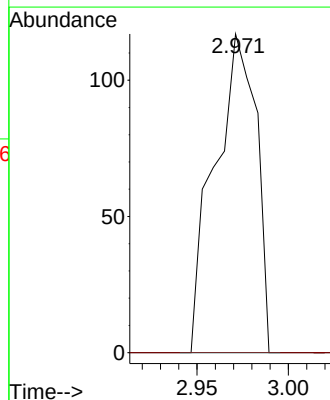
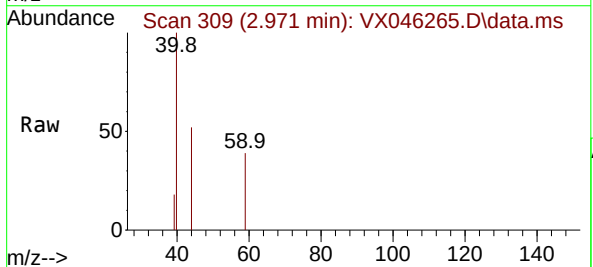
Instrument : MSVOA_X
ClientSampleId : L1-WC-3

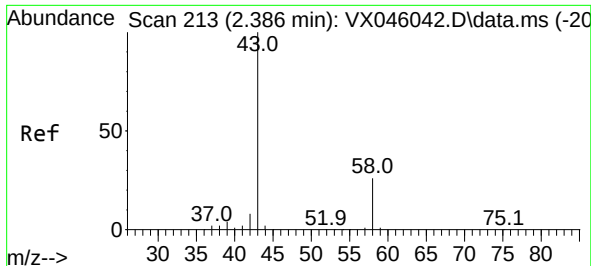
Tgt Ion:168 Resp: 59357
Ion Ratio Lower Upper
168 100
99 72.5 54.9 82.3



#11
Tert butyl alcohol
Concen: 1.197 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

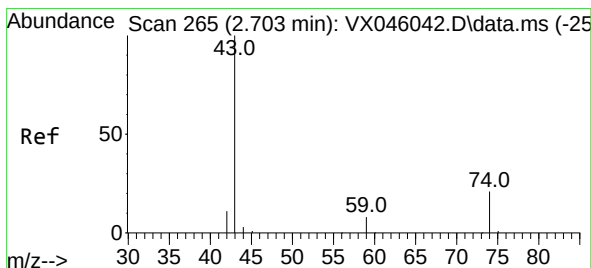
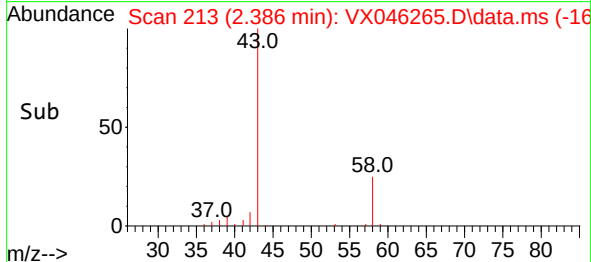
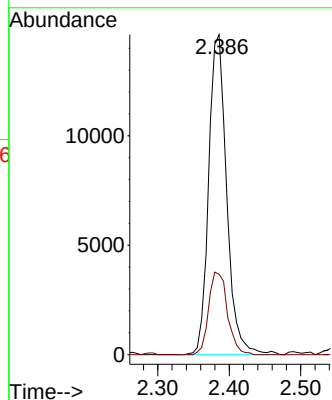
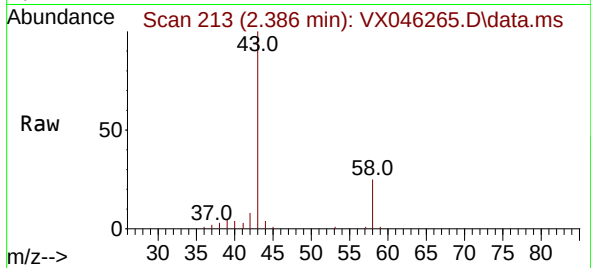




#16
Acetone
Concen: 57.602 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

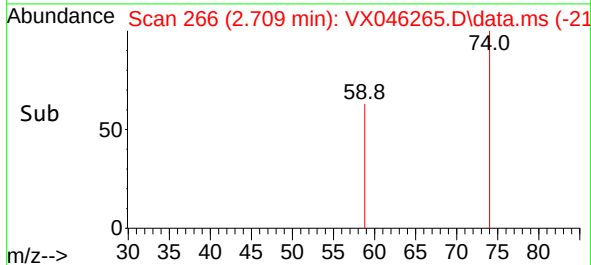
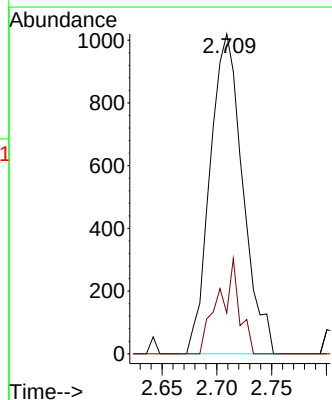
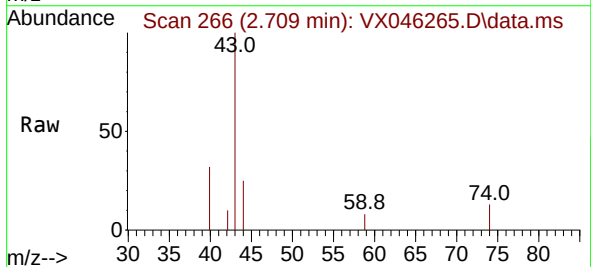
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-3

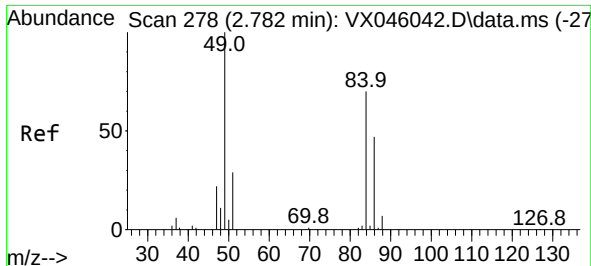
Tgt Ion: 43 Resp: 25558
Ion Ratio Lower Upper
43 100
58 25.1 21.2 31.8



#18
Methyl Acetate
Concen: 2.053 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

Tgt Ion: 43 Resp: 2114
Ion Ratio Lower Upper
43 100
74 18.8 16.7 25.1

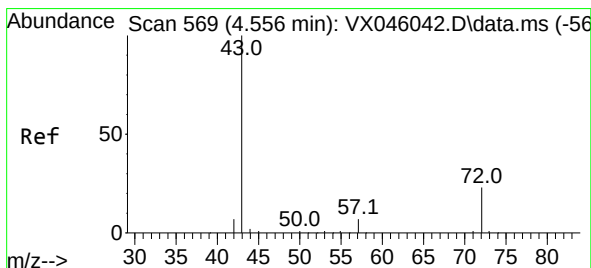
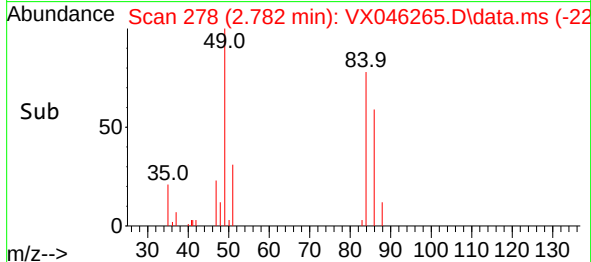
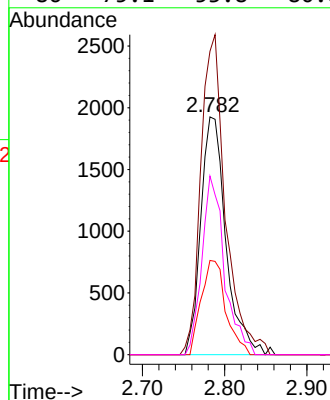
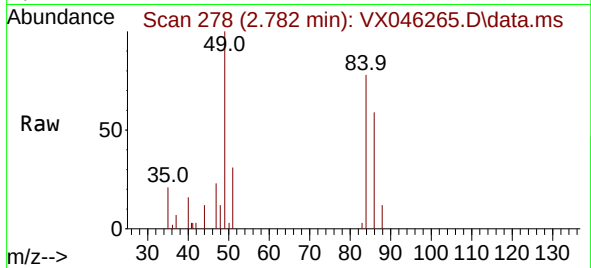




#20
Methylene Chloride
Concen: 4.828 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

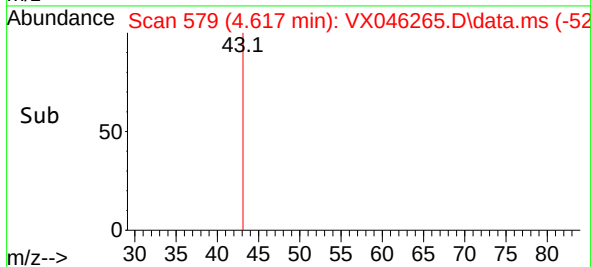
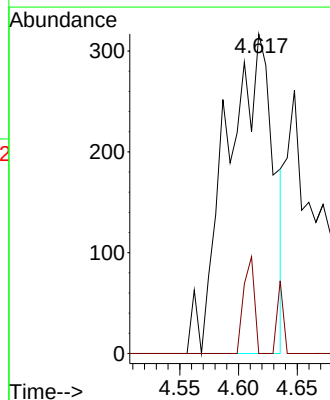
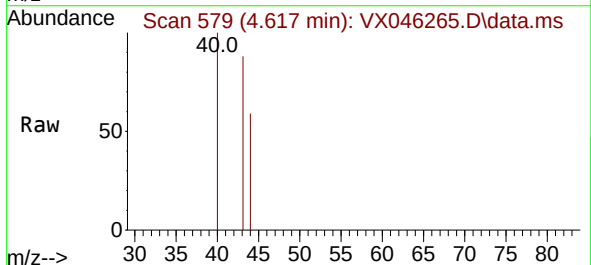
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-3

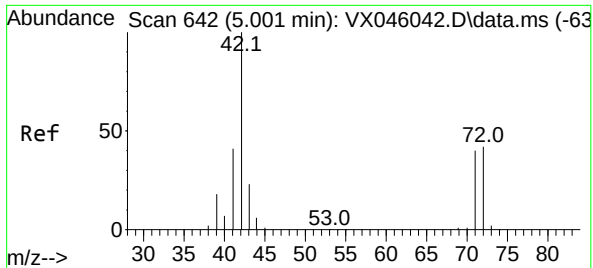
Tgt Ion:	84	Resp:	4105
Ion	Ratio	Lower	Upper
84	100		
49	127.6	113.9	170.9
51	39.6	33.5	50.3
86	75.1	53.8	80.8



#25
2-Butanone
Concen: 1.368 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.061 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

Tgt Ion:	43	Resp:	881
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.4	27.6#





#29

Tetrahydrofuran

Concen: 0.253 ug/l

RT: 5.032 min Scan# 642

Delta R.T. 0.031 min

Lab File: VX046265.D

Acq: 19 May 2025 14:14

Instrument :

MSVOA_X

ClientSampleId :

L1-WC-3

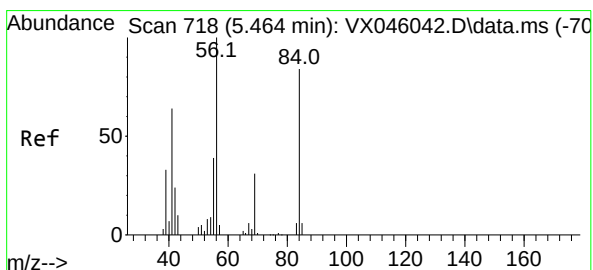
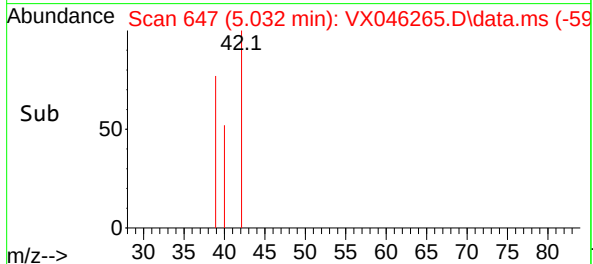
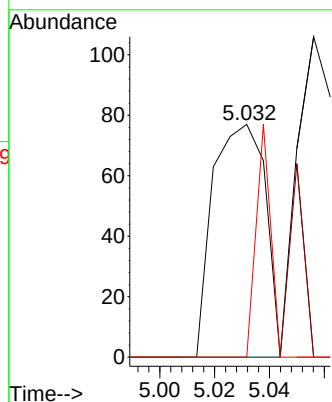
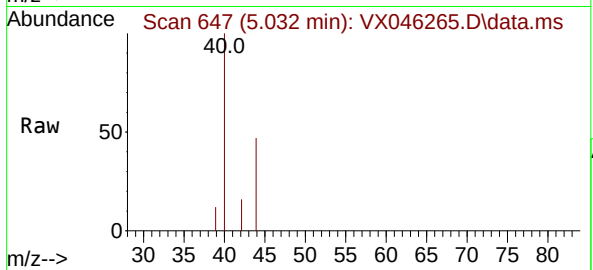
Tgt Ion: 42 Resp: 102

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 27.5 31.4 47.2#



#31

Cyclohexane

Concen: 1.348 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX046265.D

Acq: 19 May 2025 14:14

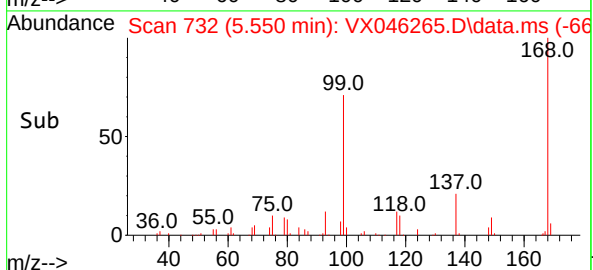
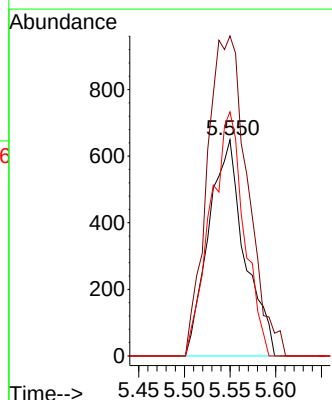
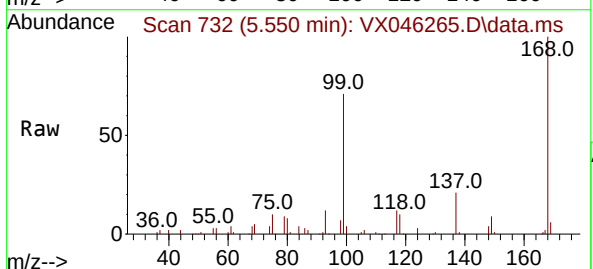
Tgt Ion: 56 Resp: 1778

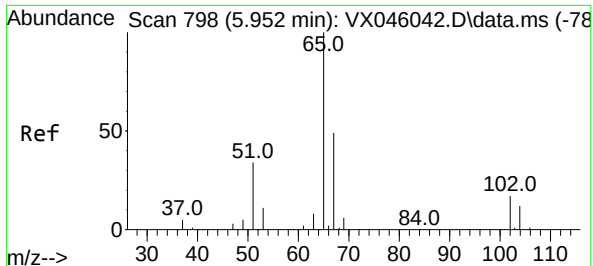
Ion Ratio Lower Upper

56 100

69 148.1 24.4 36.6#

84 112.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.966 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046265.D

Acq: 19 May 2025 14:14

Instrument :

MSVOA_X

ClientSampleId :

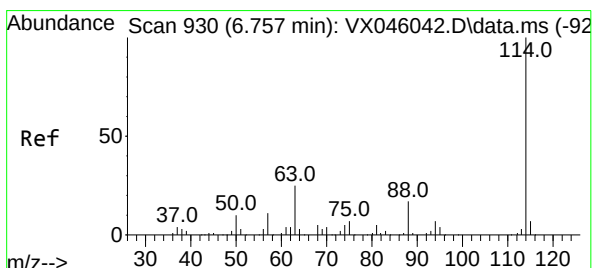
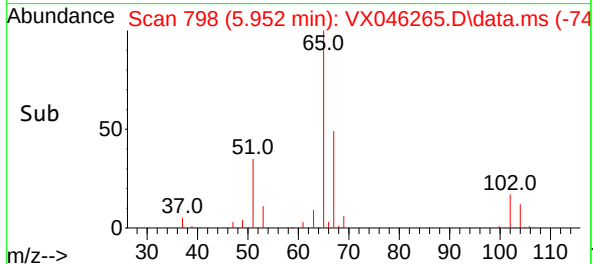
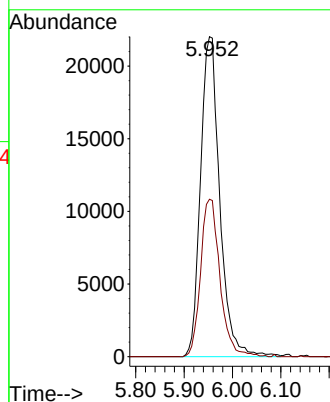
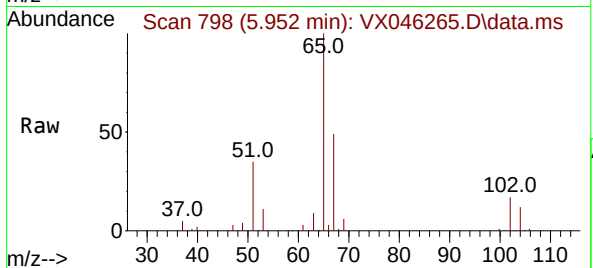
L1-WC-3

Tgt Ion: 65 Resp: 60826

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: VX046265.D

Acq: 19 May 2025 14:14

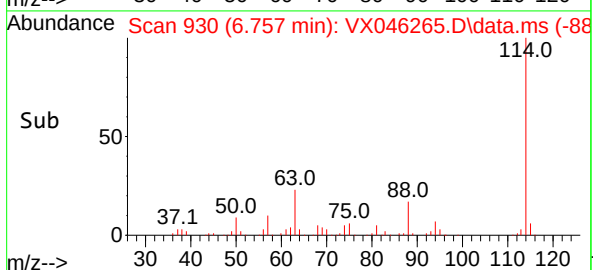
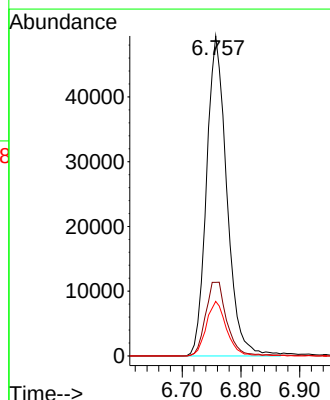
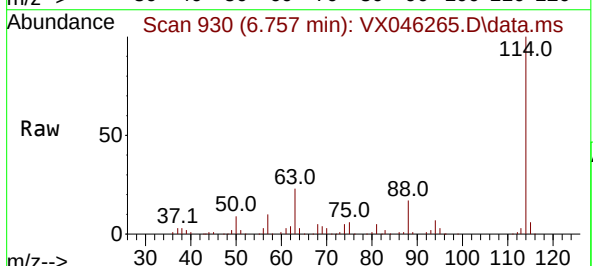
Tgt Ion: 114 Resp: 118499

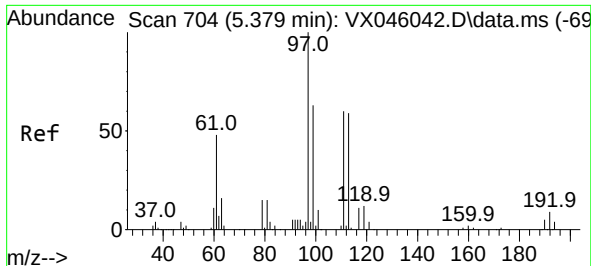
Ion Ratio Lower Upper

114 100

63 23.0 0.0 49.2

88 17.0 0.0 33.6

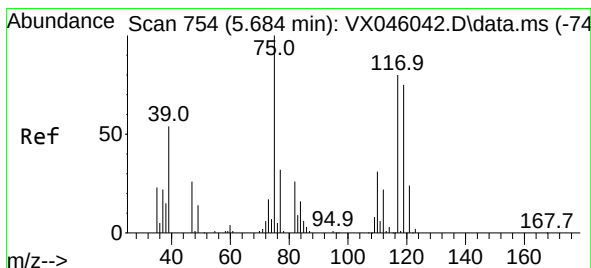
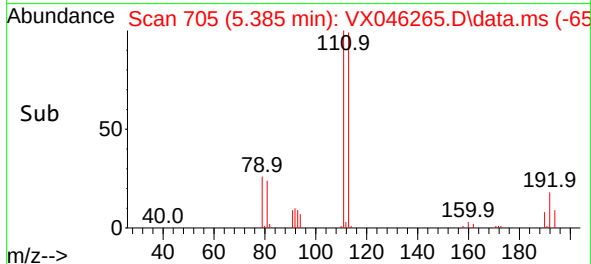
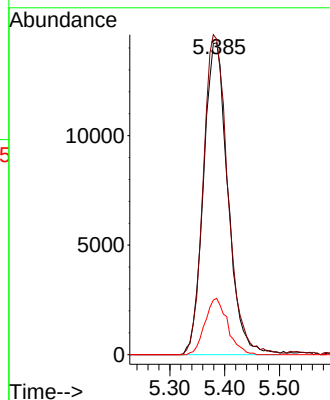
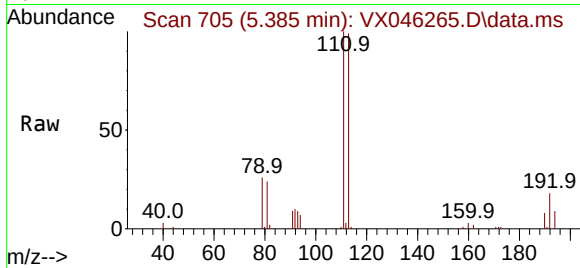




#35
 Dibromofluoromethane
 Concen: 51.533 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX046265.D
 Acq: 19 May 2025 14:14

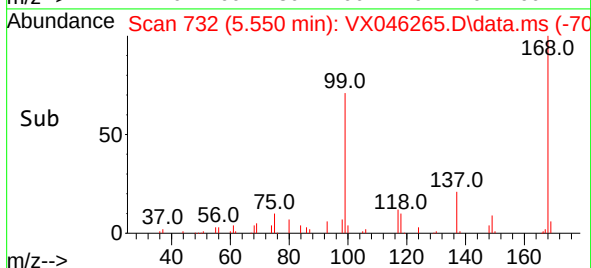
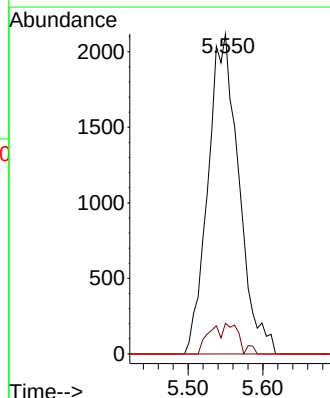
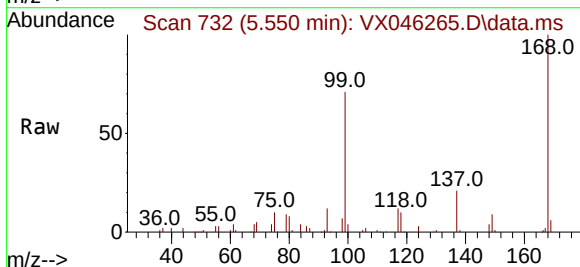
Instrument :
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 L1-WC-3

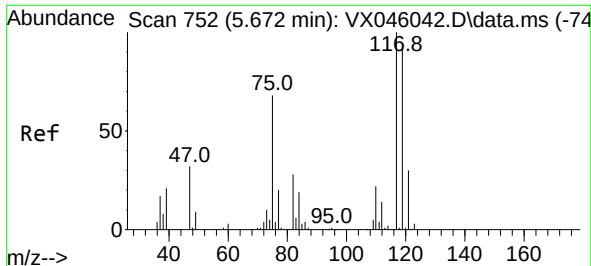
Tgt Ion:113 Resp: 43974
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 16.8 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 5.294 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.134 min
 Lab File: VX046265.D
 Acq: 19 May 2025 14:14

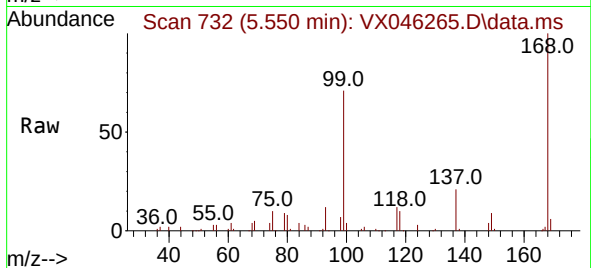
Tgt Ion: 75 Resp: 6070
 Ion Ratio Lower Upper
 75 100
 110 4.9 16.3 48.9#
 77 0.0 24.3 36.5#



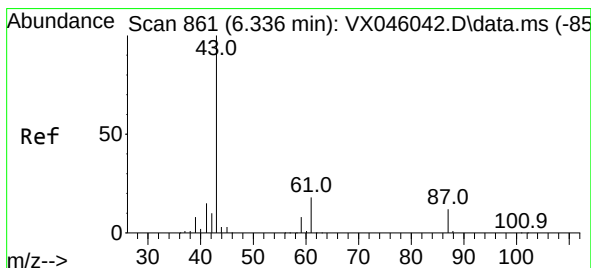
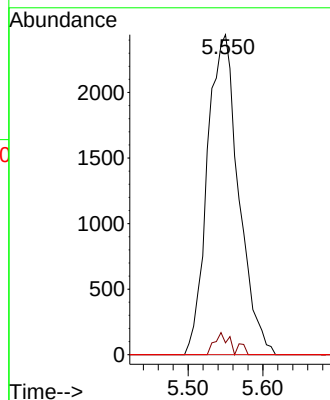
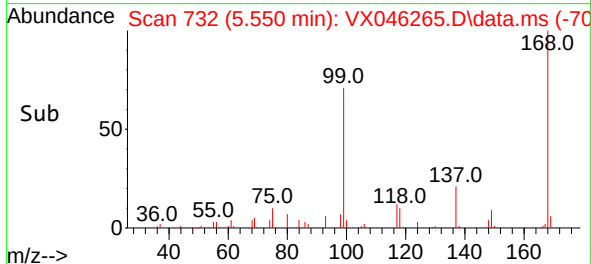


#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

Instrument :
MSVOA_X
ClientSampleId :
L1-WC-3

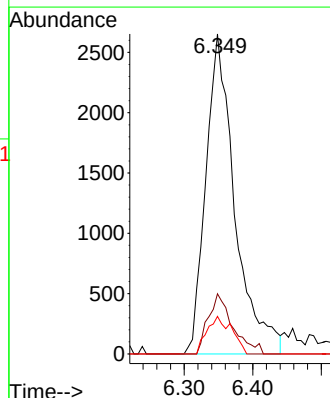
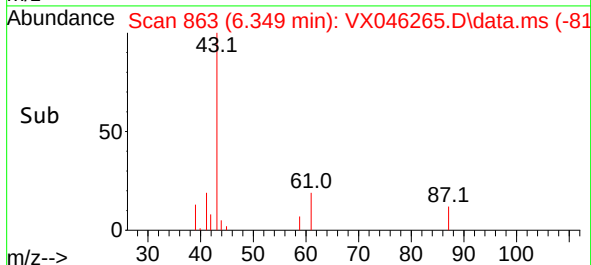
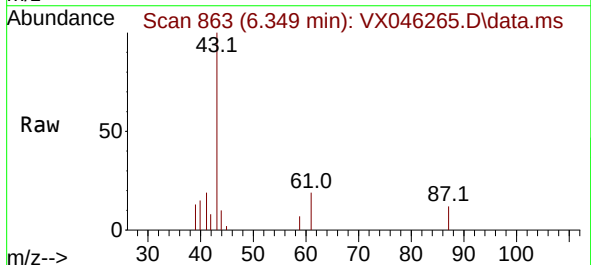


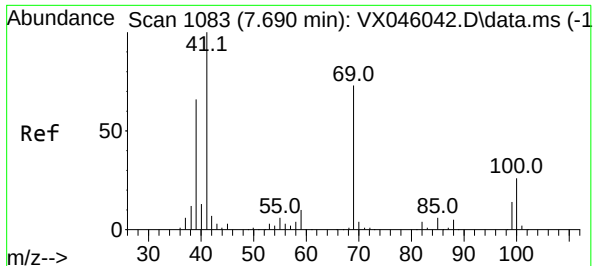
Tgt Ion:117 Resp: 7115
Ion Ratio Lower Upper
117 100
119 3.7 75.2 112.8#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 3.610 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

Tgt Ion: 43 Resp: 7802
Ion Ratio Lower Upper
43 100
61 15.9 14.3 21.5
87 10.0 9.5 14.3





#48

Methyl methacrylate

Concen: 0.386 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.085 min

Lab File: VX046265.D

Acq: 19 May 2025 14:14

Instrument :

MSVOA_X

ClientSampleId :

L1-WC-3

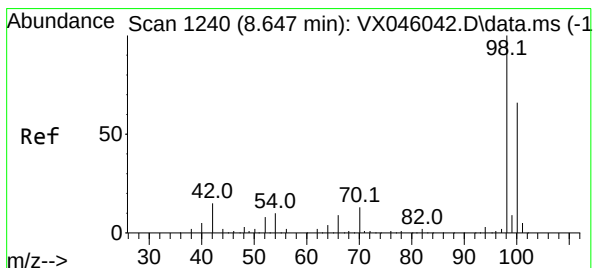
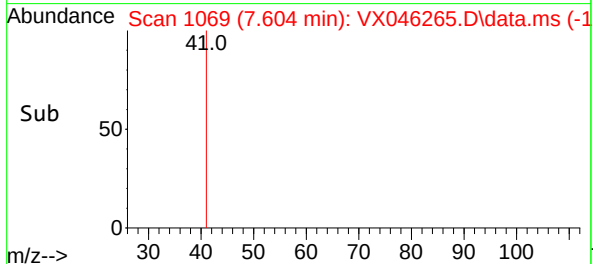
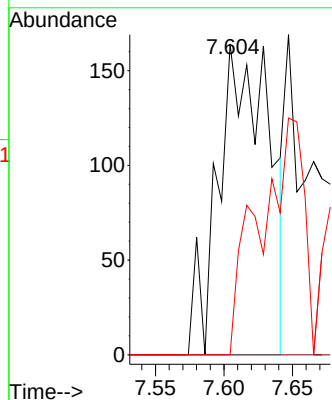
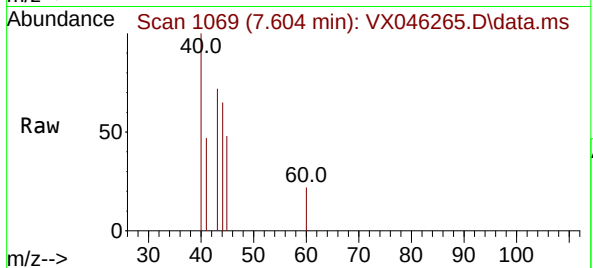
Tgt Ion: 41 Resp: 426

Ion Ratio Lower Upper

41 100

69 0.0 58.5 87.7#

39 0.0 51.7 77.5#



#50

Toluene-d8

Concen: 51.652 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046265.D

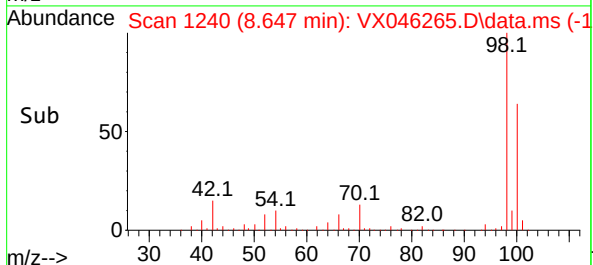
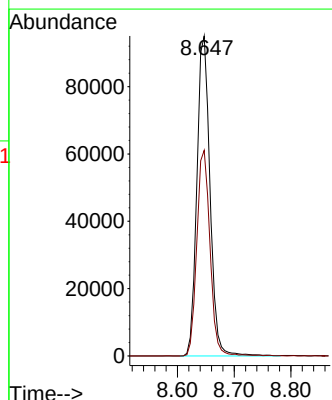
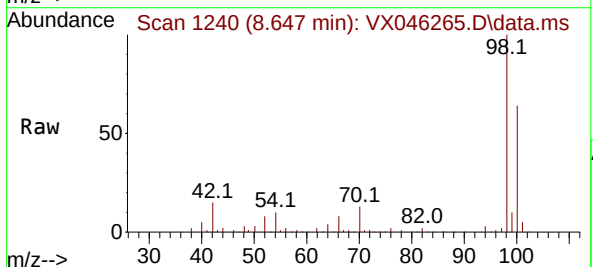
Acq: 19 May 2025 14:14

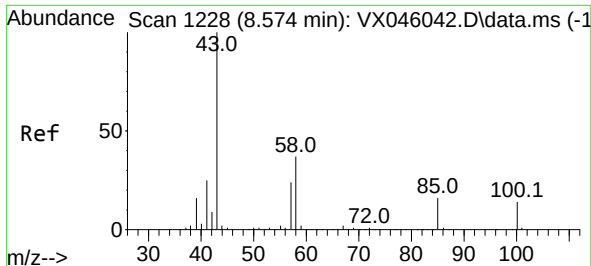
Tgt Ion: 98 Resp: 152551

Ion Ratio Lower Upper

98 100

100 64.6 53.5 80.3

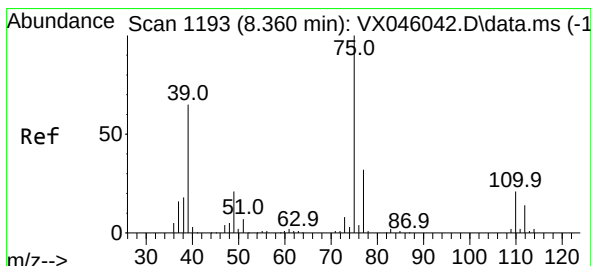
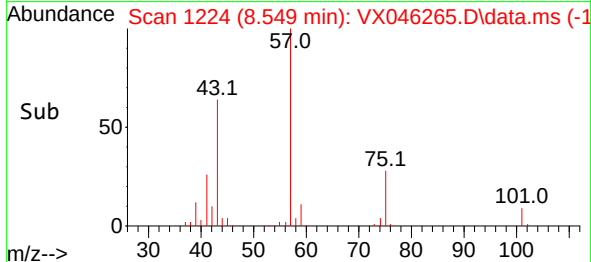
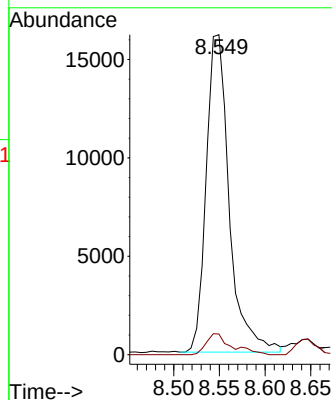
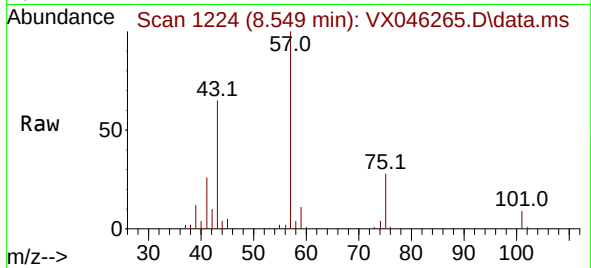




#51
4-Methyl-2-Pentanone
Concen: 19.684 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

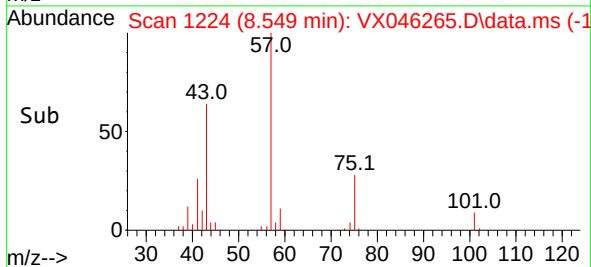
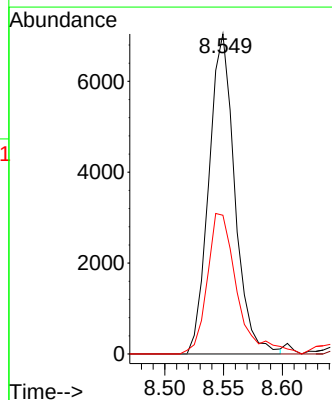
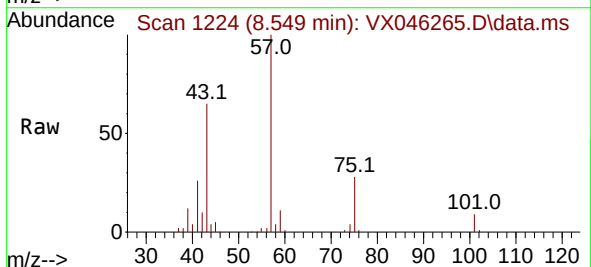
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-3

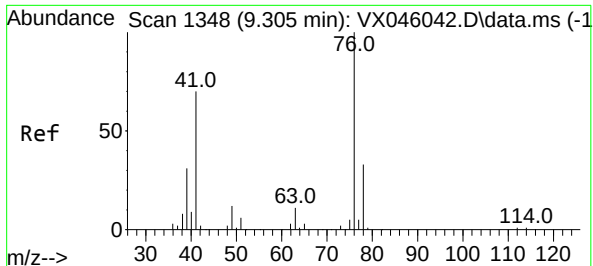
Tgt Ion: 43 Resp: 28235
Ion Ratio Lower Upper
43 100
58 7.2 28.9 43.3#



#54
cis-1,3-Dichloropropene
Concen: 8.497 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.189 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

Tgt Ion: 75 Resp: 10828
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 43.4 52.2 78.4#

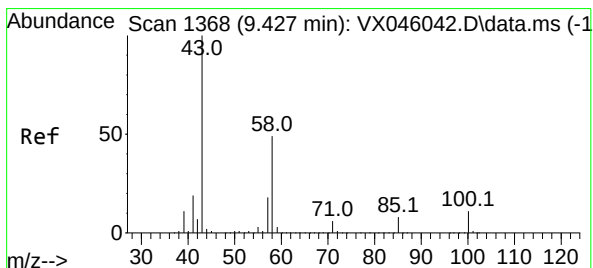
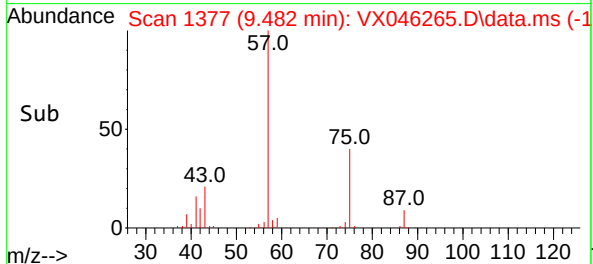
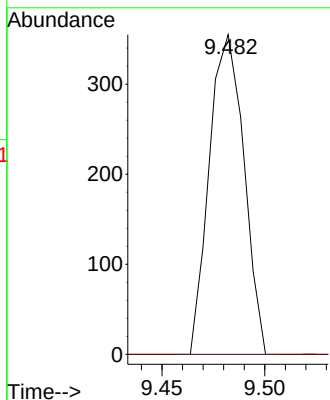
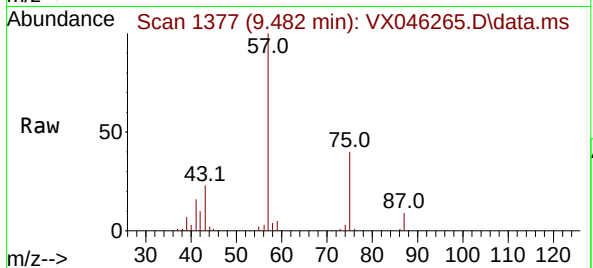




#57
1,3-Dichloropropane
Concen: 0.285 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

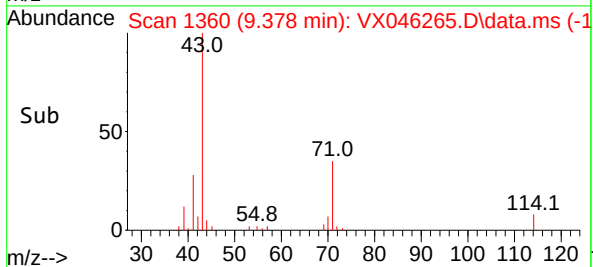
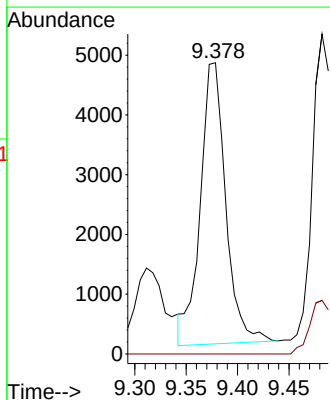
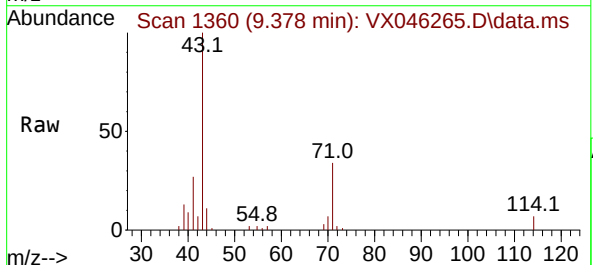
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-3

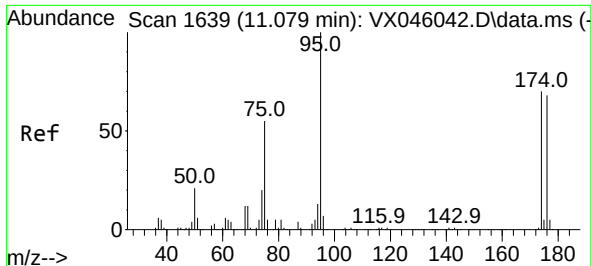
Tgt Ion: 76 Resp: 416
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#



#59
2-Hexanone
Concen: 7.643 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

Tgt Ion: 43 Resp: 8111
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#

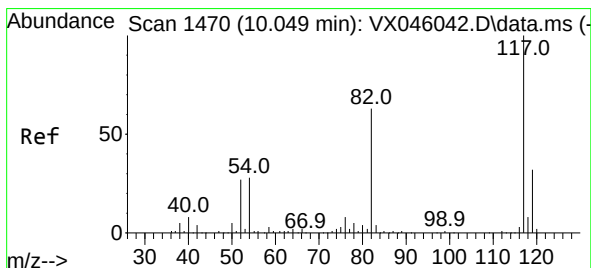
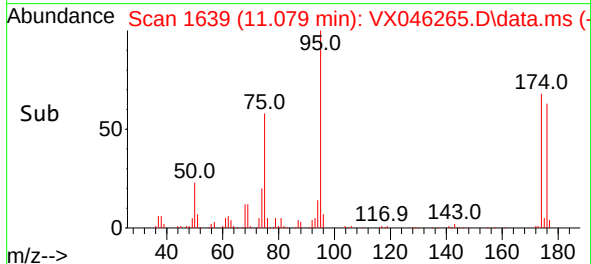
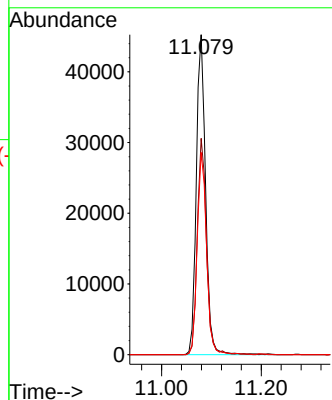
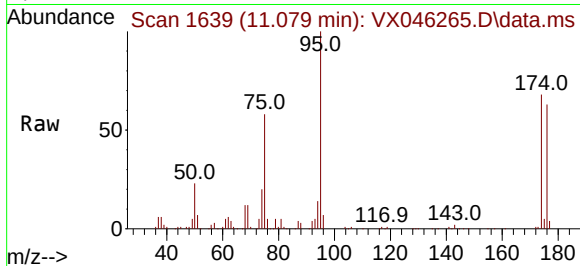




#62
4-Bromofluorobenzene
Concen: 51.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

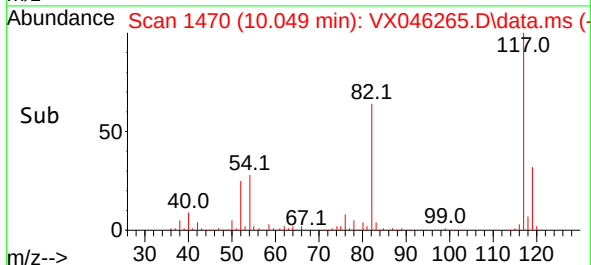
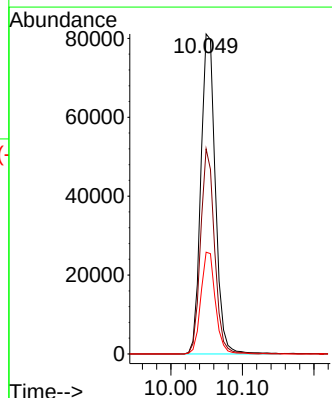
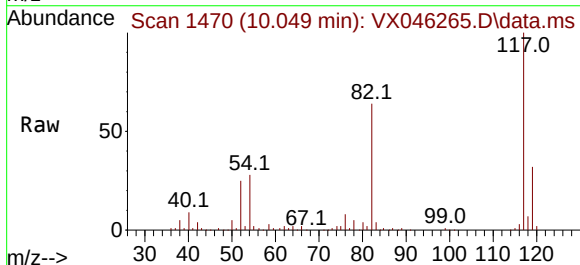
Instrument :
MSVOA_X
ClientSampleId :
L1-WC-3

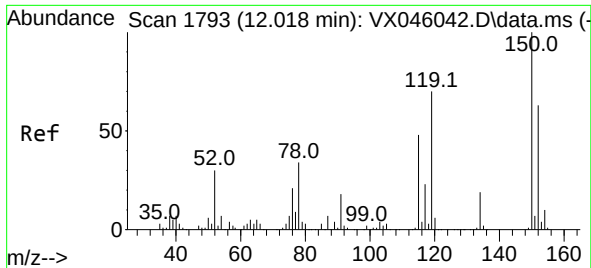
Tgt Ion: 95 Resp: 58370
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046265.D
Acq: 19 May 2025 14:14

Tgt Ion: 117 Resp: 114246
Ion Ratio Lower Upper
117 100
82 64.1 50.6 76.0
119 31.8 25.8 38.6

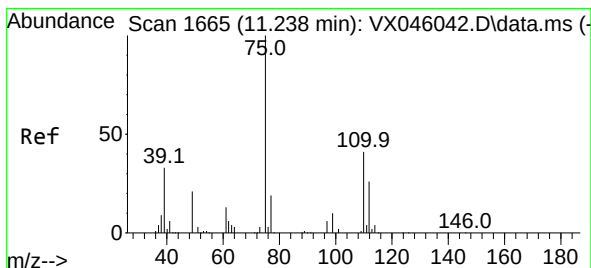
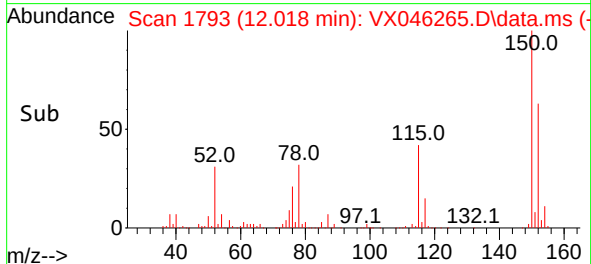
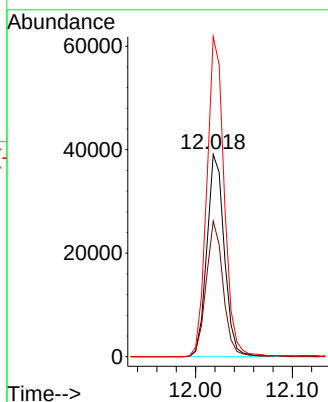
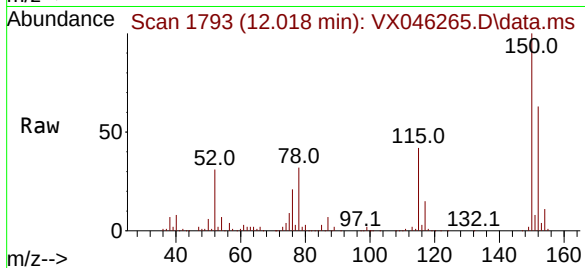




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046265.D
 Acq: 19 May 2025 14:14

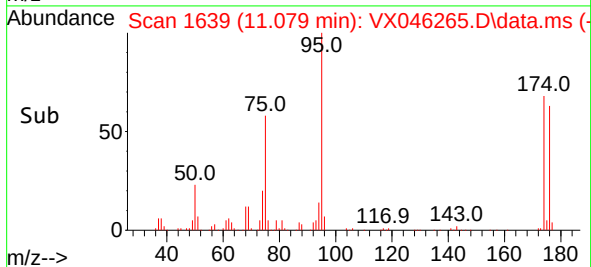
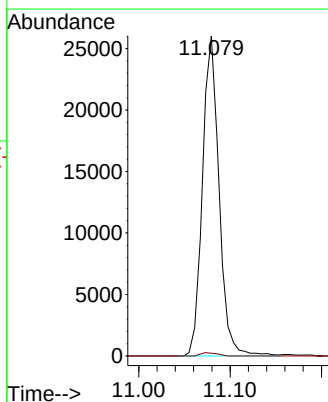
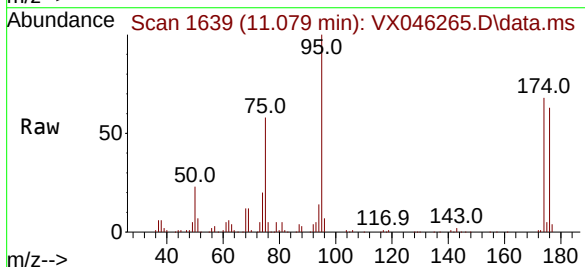
Instrument :
 MSVOA_X
 ClientSampleId :
 L1-WC-3

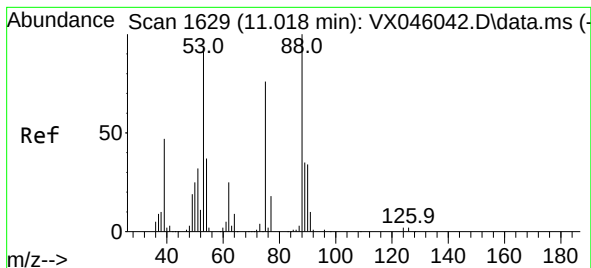
Tgt Ion:152 Resp: 49048
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 157.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 27.887 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX046265.D
 Acq: 19 May 2025 14:14

Tgt Ion: 75 Resp: 32924
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.792 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX046265.D
 Acq: 19 May 2025 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 L1-WC-3

Tgt Ion: 75 Resp: 32924
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

