

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032421.D
 Acq On : 11 Nov 2025 11:44
 Operator : SY/MD
 Sample : Q3483-23 DL4X
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 03:45:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	425654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	792053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	690426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	324590	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	278472	50.745	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	101.480%
35) Dibromofluoromethane	7.898	113	232023	48.927	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.860%
50) Toluene-d8	10.325	98	905595	49.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.617	95	328607	47.815	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.620%

Target Compounds						Qvalue
11) Tert butyl alcohol	5.197	59	1004	2.116	ug/l #	72
12) 1,1-Dichloroethene	4.082	96	103299	22.578	ug/l	98
16) Acetone	4.161	43	167840	102.230	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	196086	20.332	ug/l	97
20) Methylene Chloride	4.960	84	8346	1.421	ug/l	92
21) trans-1,2-Dichloroethene	5.460	96	76799	14.680	ug/l	97
25) 2-Butanone	7.197	43	91207	37.708	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	88789	14.204	ug/l	94
28) Bromochloromethane	7.697	49	12094	2.607	ug/l #	16
30) Chloroform	7.697	83	144040	14.992	ug/l	96
31) Cyclohexane	7.959	56	10119	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	38215	5.469	ug/l #	50
37) Ethyl Acetate	7.197	43	91207	17.555	ug/l #	1
38) Carbon Tetrachloride	8.087	117	98124	15.805	ug/l	93
40) Benzene	8.337	78	521758	23.188	ug/l	98
42) 1,2-Dichloroethane	8.416	62	319152	48.288	ug/l	99
44) Trichloroethene	9.105	130	146976	28.071	ug/l	94
49) 1,4-Dioxane	9.495	88	74	1.613	ug/l #	10
53) t-1,3-Dichloropropene	10.611	75	288879	37.557	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	377095	42.394	ug/l	95
59) 2-Hexanone	10.971	43	347852	93.483	ug/l	98
60) Dibromochloromethane	10.867	129	89746	17.893	ug/l #	10
61) 1,2-Dibromoethane	11.239	107	32395	7.405	ug/l	98
64) Tetrachloroethene	10.861	164	96553	23.615	ug/l	89
65) Chlorobenzene	11.654	112	85847	5.769	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	74569	16.192	ug/l	97
67) Ethyl Benzene	11.733	91	139483	5.417	ug/l	100
68) m/p-Xylenes	11.836	106	441262	45.643	ug/l	98
69) o-Xylene	12.166	106	420263	45.401	ug/l	98
70) Styrene	12.178	104	425367	26.713	ug/l	94
71) Bromoform	12.342	173	70187	25.730	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	234530	41.454	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	158963	35.717	ug/l #	1
78) n-propylbenzene	12.891	91	370379	12.758	ug/l #	53
79) 2-Chlorotoluene	12.891	91	370379	20.899	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.617	75	165032	84.930	ug/l #	11

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
Data File : VW032421.D
Acq On : 11 Nov 2025 11:44
Operator : SY/MD
Sample : Q3483-23 DL4X
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

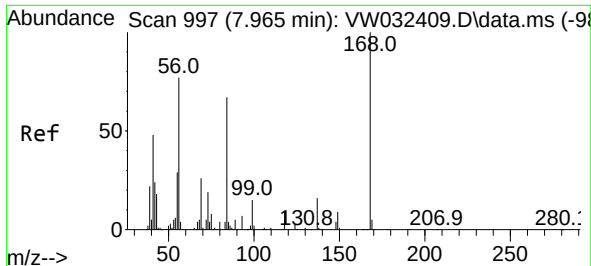
Quant Time: Nov 12 03:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.891	91	370379	20.093	ug/l	99
83) tert-Butylbenzene	13.202	119	537111	31.394	ug/l	97
84) 1,2,4-Trimethylbenzene	13.251	105	925454	46.264	ug/l	99
85) sec-Butylbenzene	13.495	105	32829	1.288	ug/l #	1
86) p-Isopropyltoluene	13.495	119	958195	45.547	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	144661	13.518	ug/l	97
88) 1,4-Dichlorobenzene	13.580	146	224134	20.444	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	235100	37.607	ug/l	97
95) Naphthalene	15.360	128	240302	15.415	ug/l	99

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

Quant Time: Nov 12 03:45:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

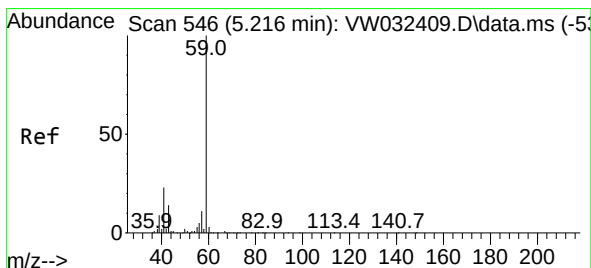
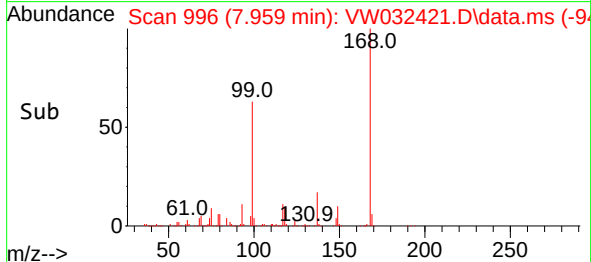
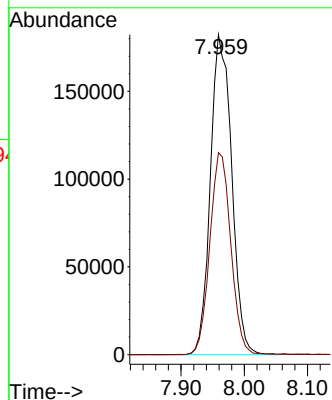
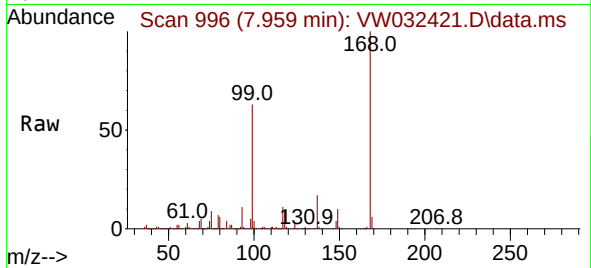




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

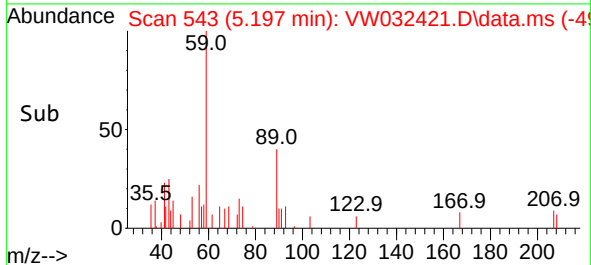
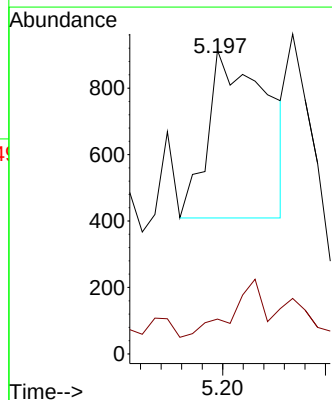
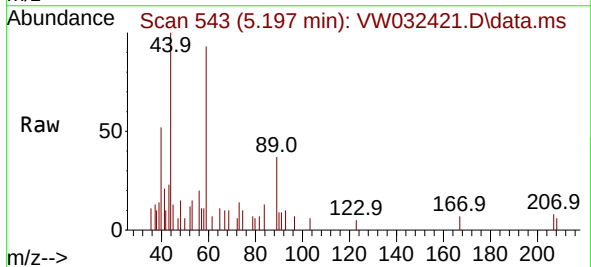
Instrument :
MSVOA_W
ClientSampleId :

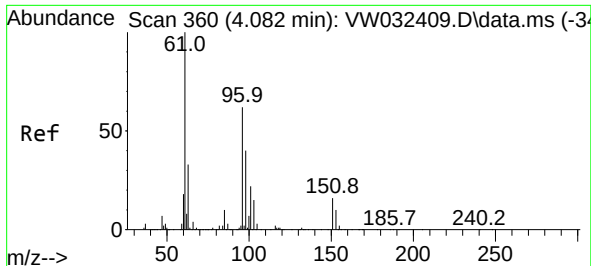
Tgt Ion:168 Resp: 425654
Ion Ratio Lower Upper
168 100
99 63.0 45.4 68.2



#11
Tert butyl alcohol
Concen: 2.116 ug/l
RT: 5.197 min Scan# 543
Delta R.T. -0.018 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 59 Resp: 1004
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

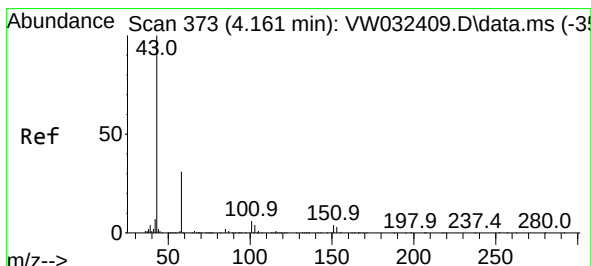
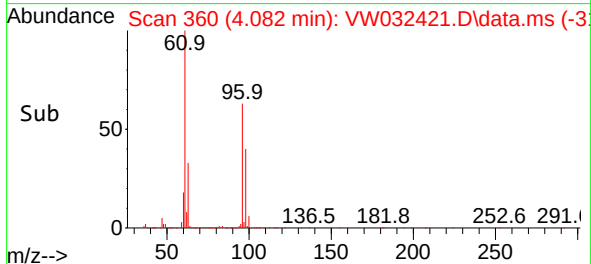
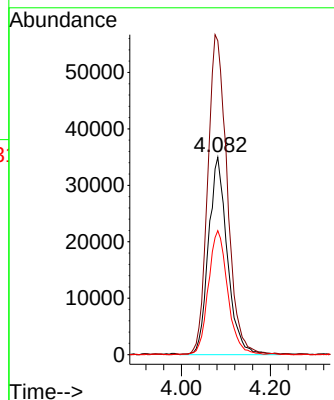
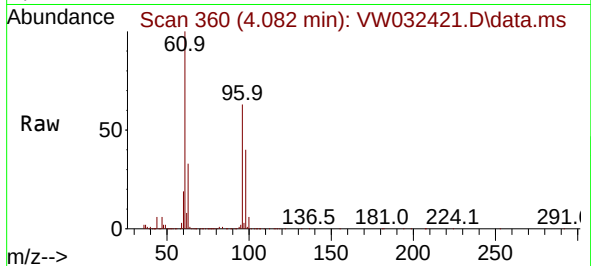




#12
 1,1-Dichloroethene
 Concen: 22.578 ug/l
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

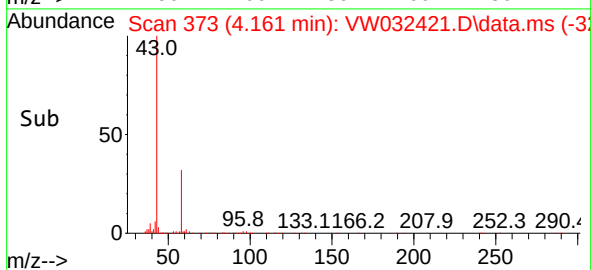
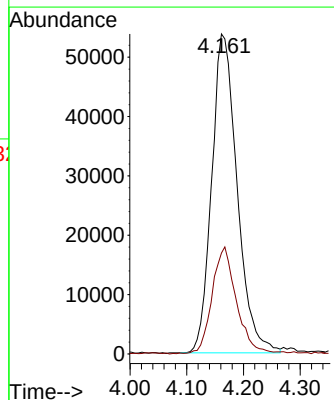
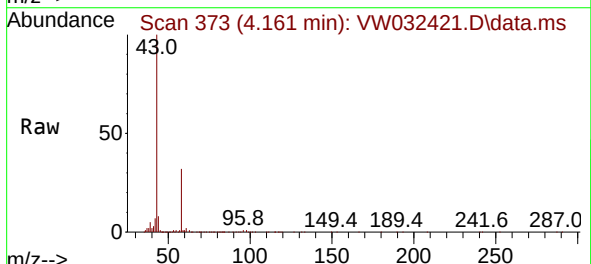
Instrument :
 MSVOA_W
 ClientSampleId :

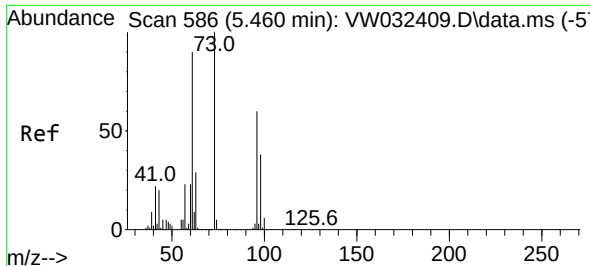
Tgt Ion: 96 Resp: 103299
 Ion Ratio Lower Upper
 96 100
 61 158.8 129.0 193.6
 98 62.6 51.1 76.7



#16
 Acetone
 Concen: 102.230 ug/l
 RT: 4.161 min Scan# 373
 Delta R.T. 0.000 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

Tgt Ion: 43 Resp: 167840
 Ion Ratio Lower Upper
 43 100
 58 31.4 24.8 37.2





#19

Methyl tert-butyl Ether

Concen: 20.332 ug/l

RT: 5.466 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW032421.D

Acq: 11 Nov 2025 11:44

Instrument :

MSVOA_W

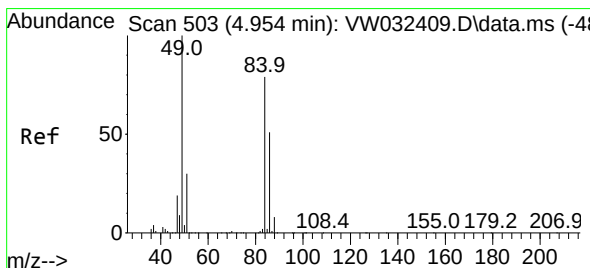
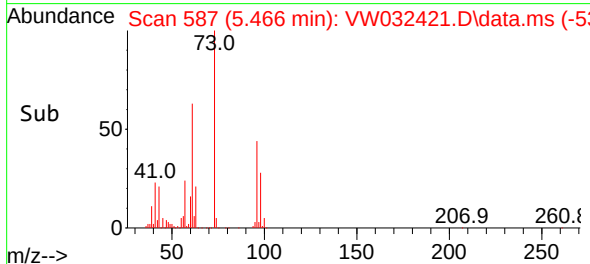
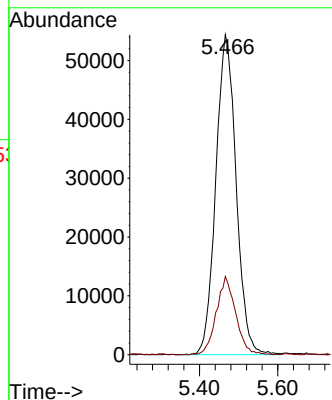
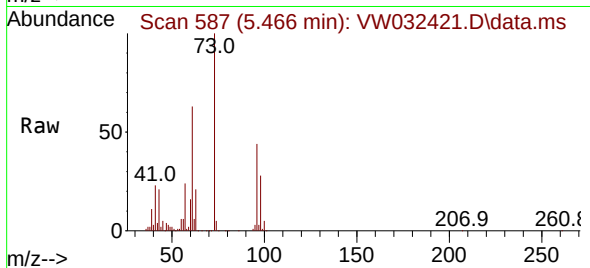
ClientSampleId :

Tgt Ion: 73 Resp: 196086

Ion Ratio Lower Upper

73 100

57 24.4 18.3 27.5



#20

Methylene Chloride

Concen: 1.421 ug/l

RT: 4.960 min Scan# 504

Delta R.T. 0.006 min

Lab File: VW032421.D

Acq: 11 Nov 2025 11:44

Tgt Ion: 84 Resp: 8346

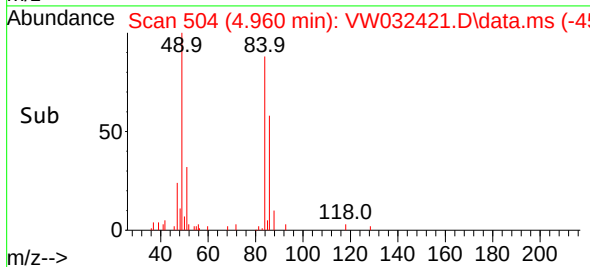
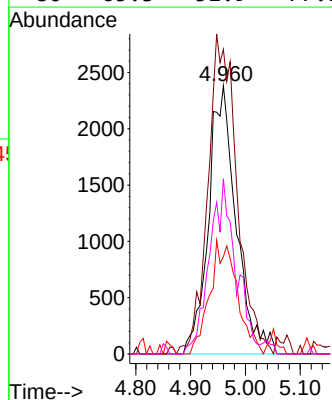
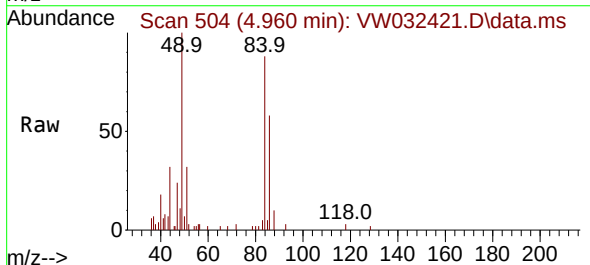
Ion Ratio Lower Upper

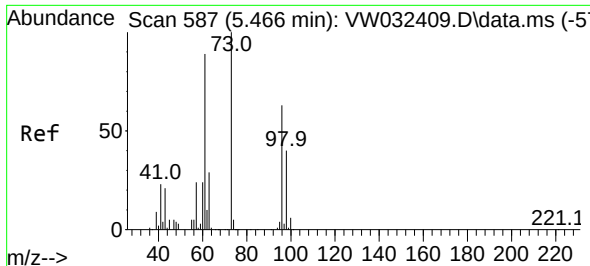
84 100

49 110.9 101.5 152.3

51 36.3 30.6 46.0

86 65.3 51.9 77.9

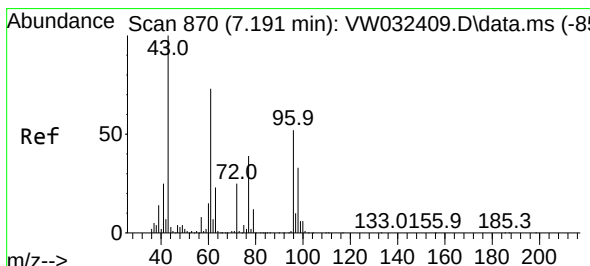
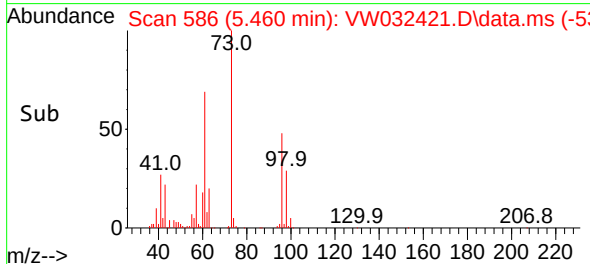
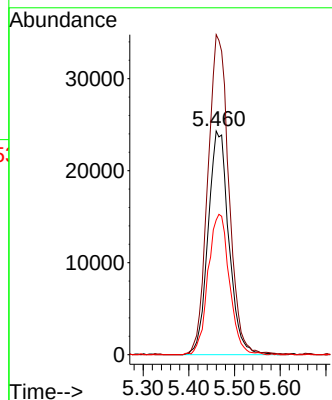
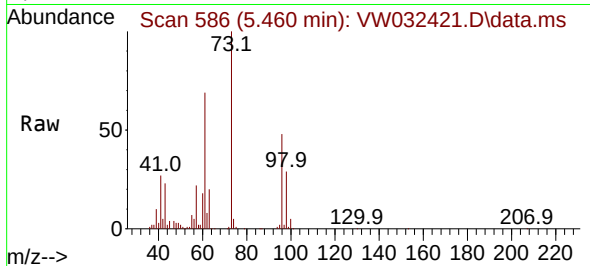




#21
trans-1,2-Dichloroethene
Concen: 14.680 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

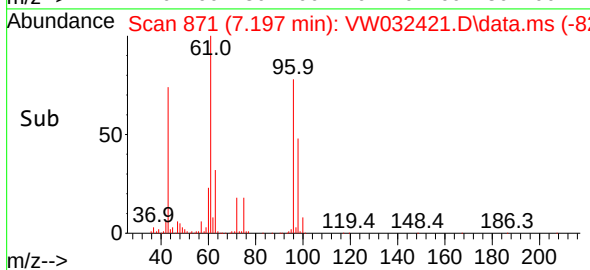
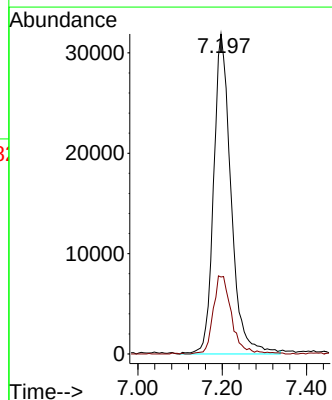
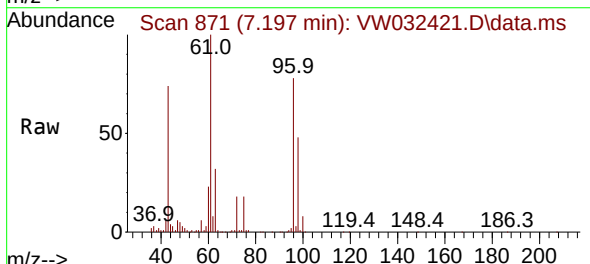
Instrument :
MSVOA_W
ClientSampleId :

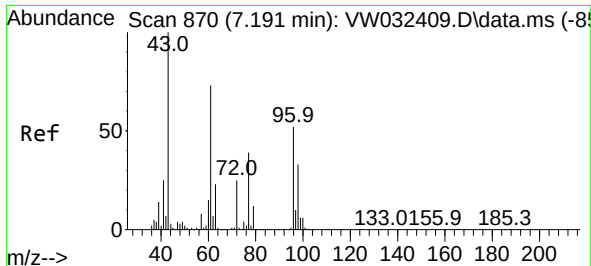
Tgt Ion: 96 Resp: 76799
Ion Ratio Lower Upper
96 100
61 143.0 112.5 168.7
98 60.2 51.1 76.7



#25
2-Butanone
Concen: 37.708 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

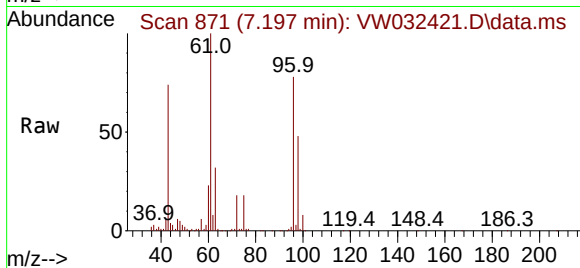
Tgt Ion: 43 Resp: 91207
Ion Ratio Lower Upper
43 100
72 24.1 20.0 30.0





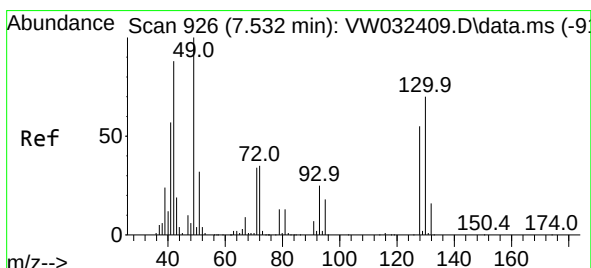
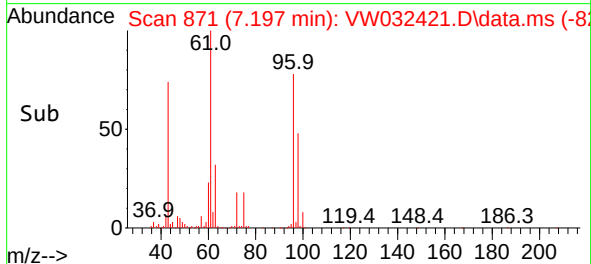
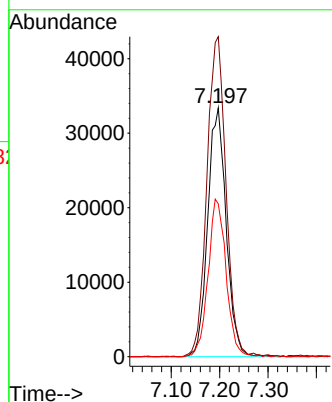
#27
 cis-1,2-Dichloroethene
 Concen: 14.204 ug/l
 RT: 7.197 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 88789

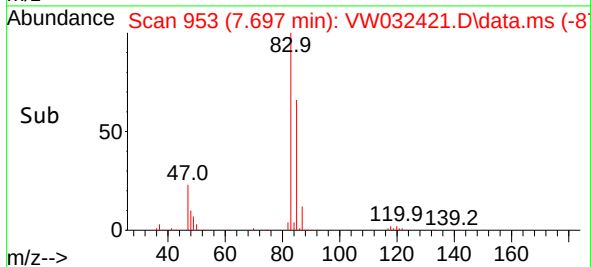
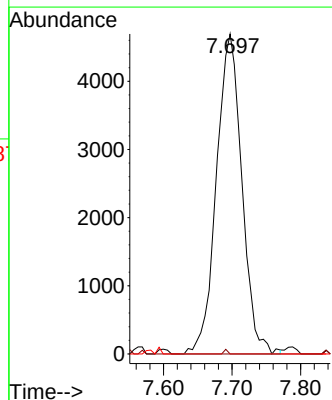
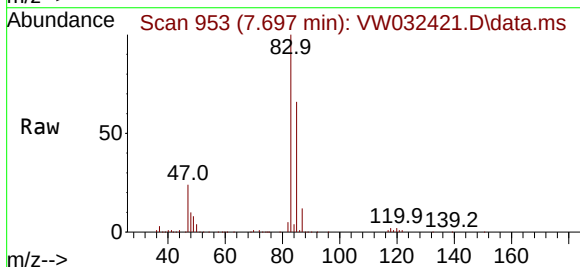
Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	282.6
98	61.5	0.0	128.6

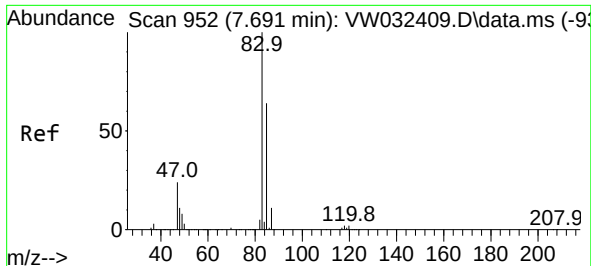


#28
 Bromochloromethane
 Concen: 2.607 ug/l
 RT: 7.697 min Scan# 953
 Delta R.T. 0.165 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

Tgt Ion: 49 Resp: 12094

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.8
130	0.0	56.9	85.3#

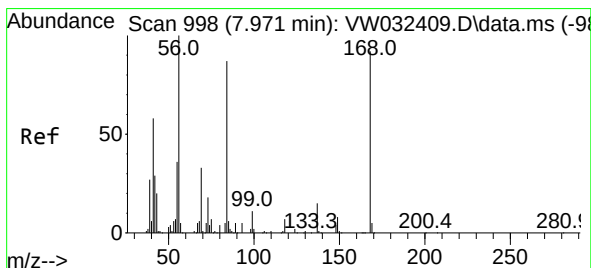
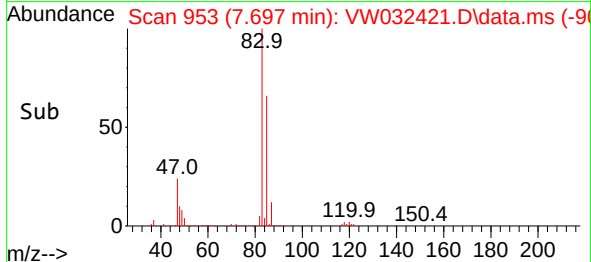
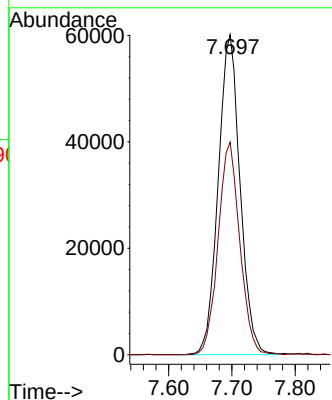
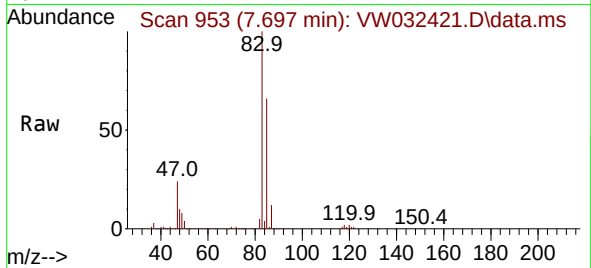




#30
Chloroform
Concen: 14.992 ug/l
RT: 7.697 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

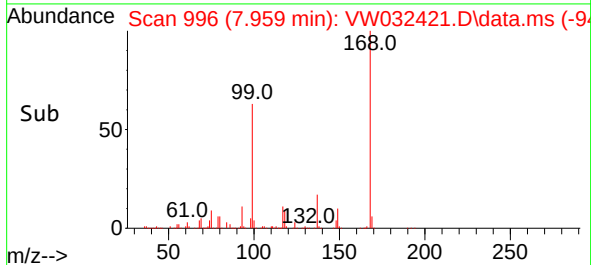
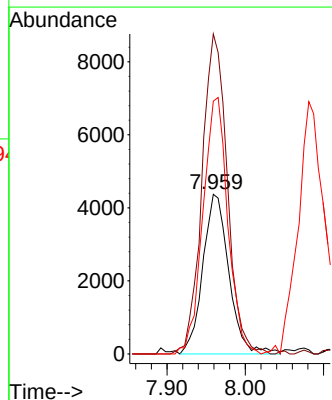
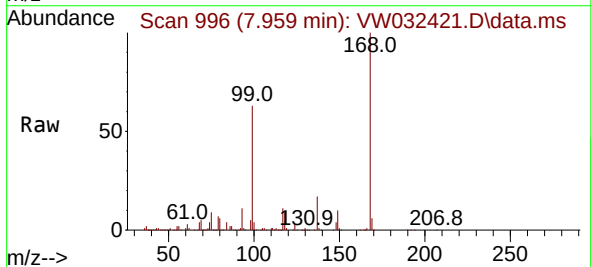
Instrument :
MSVOA_W
ClientSampleId :

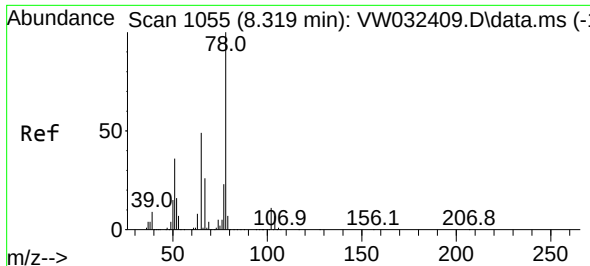
Tgt Ion: 83 Resp: 144040
Ion Ratio Lower Upper
83 100
85 66.5 51.0 76.4



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 56 Resp: 10119
Ion Ratio Lower Upper
56 100
69 201.3 26.5 39.7#
84 160.3 69.6 104.4#

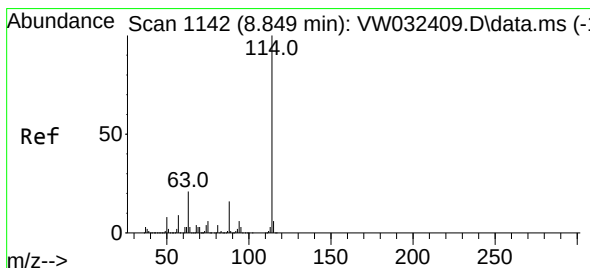
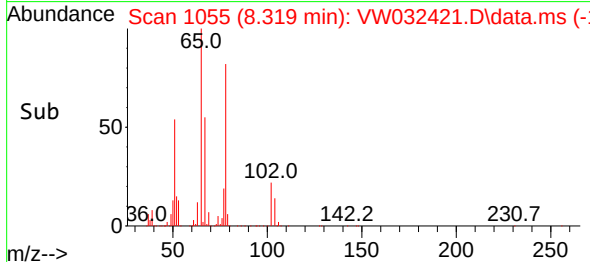
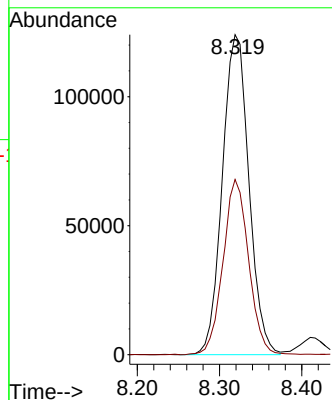
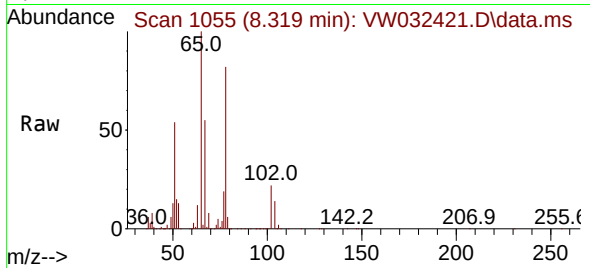




#33
 1,2-Dichloroethane-d4
 Concen: 50.745 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

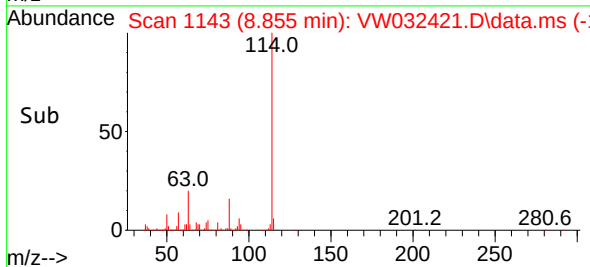
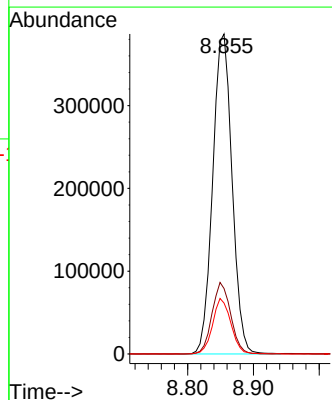
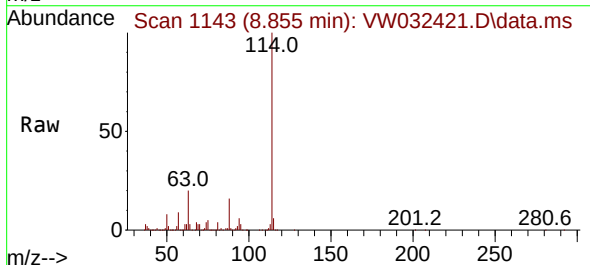
Instrument :
 MSVOA_W
 ClientSampleId :

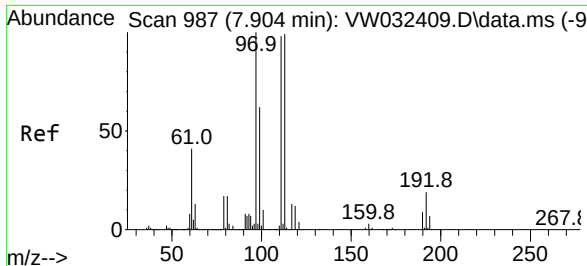
Tgt Ion: 65 Resp: 278472
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

Tgt Ion: 114 Resp: 792053
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.8
 88 15.9 0.0 32.6

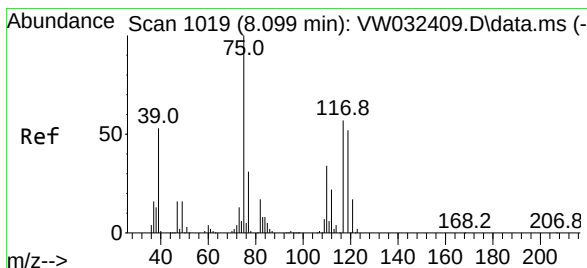
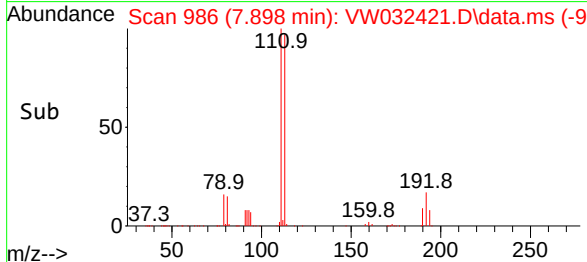
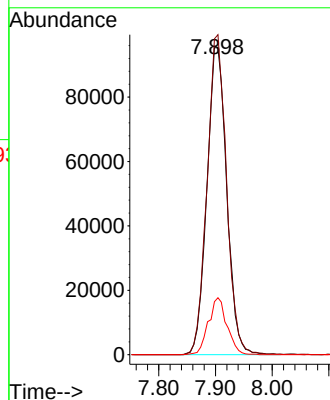
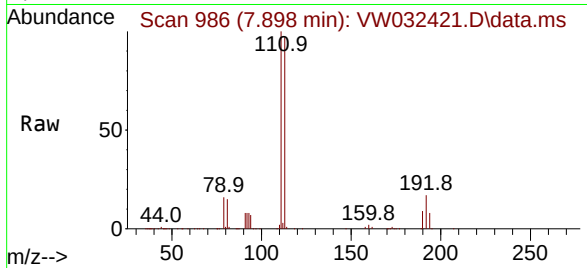




#35
 Dibromofluoromethane
 Concen: 48.927 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

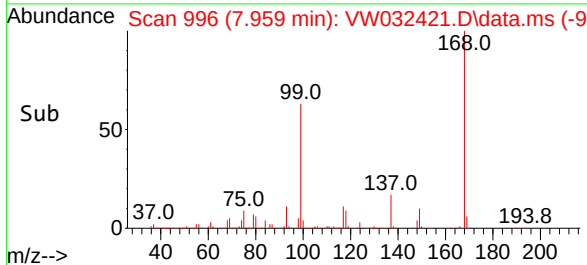
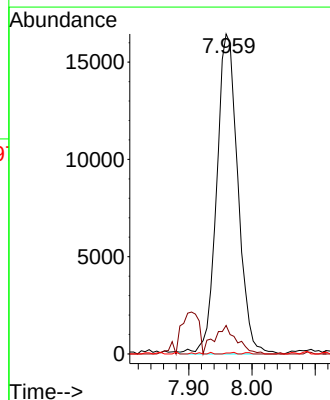
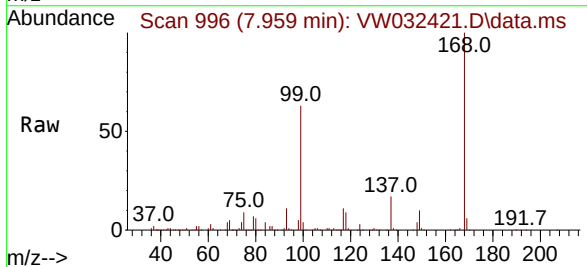
Instrument :
 MSVOA_W
 ClientSampleId :

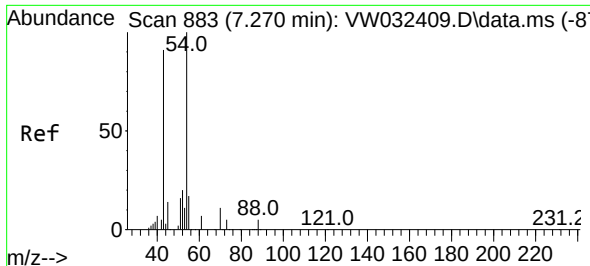
Tgt Ion:113 Resp: 232023
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.1 124.7
 192 17.4 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 5.469 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

Tgt Ion: 75 Resp: 38215
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.2 51.5#
 77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 17.555 ug/l

RT: 7.197 min Scan# 8

Delta R.T. -0.073 min

Lab File: VW032421.D

Acq: 11 Nov 2025 11:44

Instrument :

MSVOA_W

ClientSampleId :

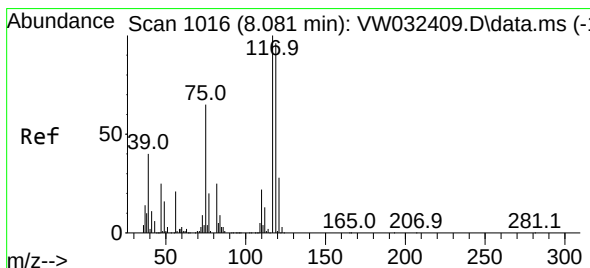
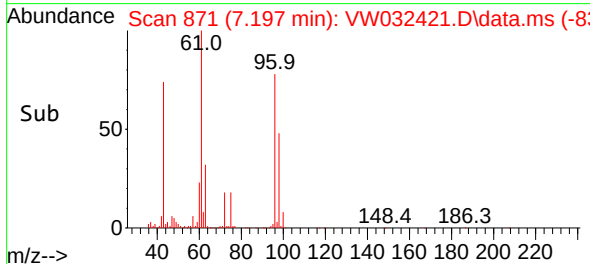
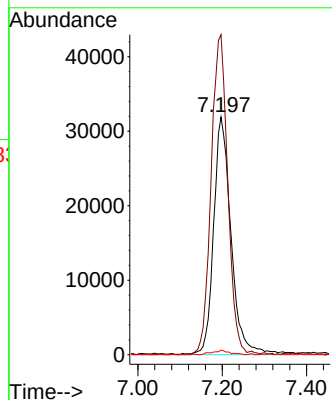
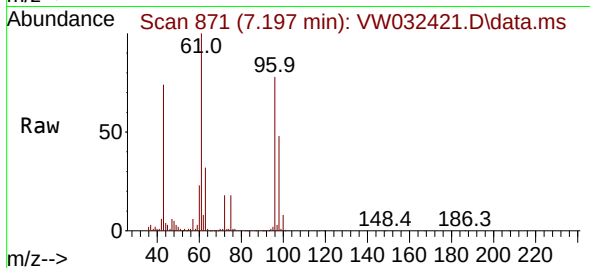
Tgt Ion: 43 Resp: 91207

Ion Ratio Lower Upper

43 100

61 128.9 11.0 16.6#

70 1.8 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 15.805 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW032421.D

Acq: 11 Nov 2025 11:44

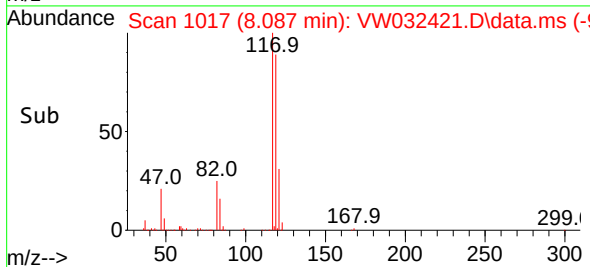
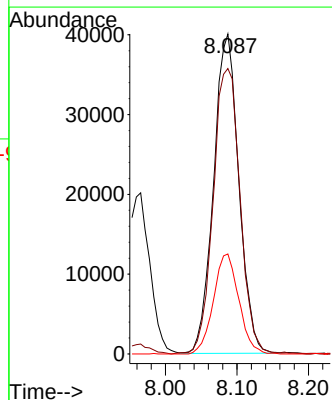
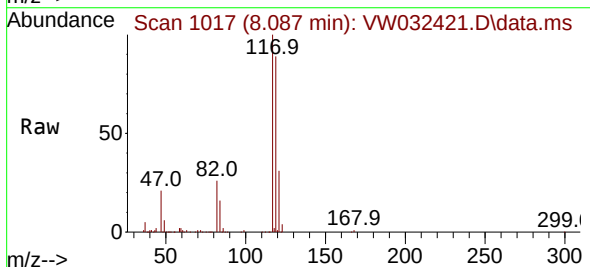
Tgt Ion: 117 Resp: 98124

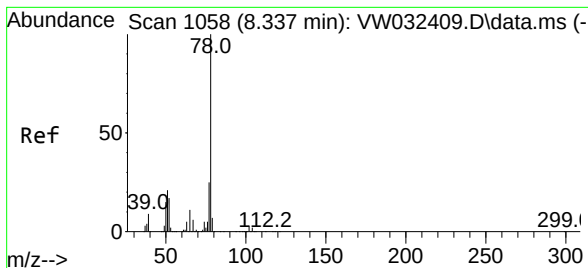
Ion Ratio Lower Upper

117 100

119 89.0 77.0 115.4

121 31.3 22.0 33.0





#40

Benzene

Concen: 23.188 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032421.D

Acq: 11 Nov 2025 11:44

Instrument :

MSVOA_W

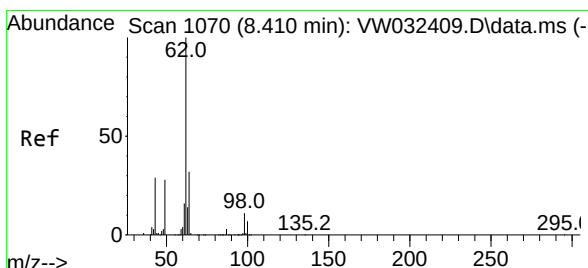
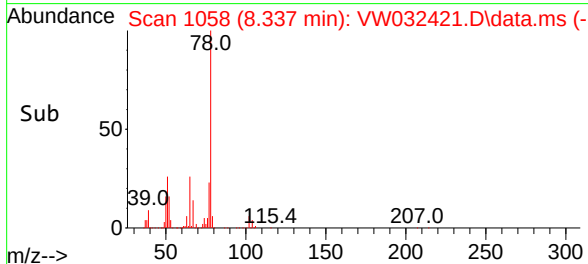
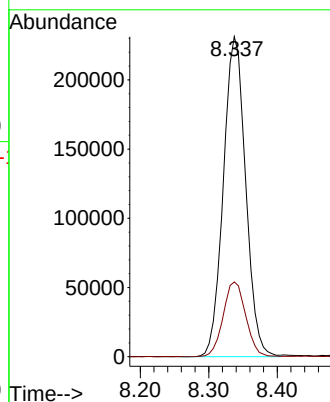
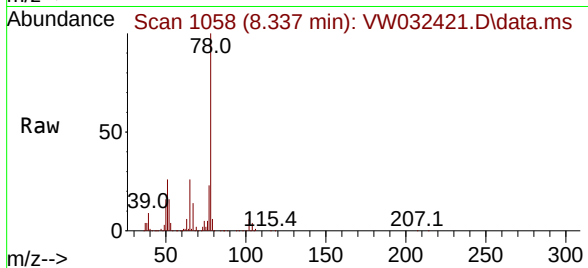
ClientSampleId :

Tgt Ion: 78 Resp: 521758

Ion Ratio Lower Upper

78 100

77 23.3 19.6 29.4



#42

1,2-Dichloroethane

Concen: 48.288 ug/l

RT: 8.416 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VW032421.D

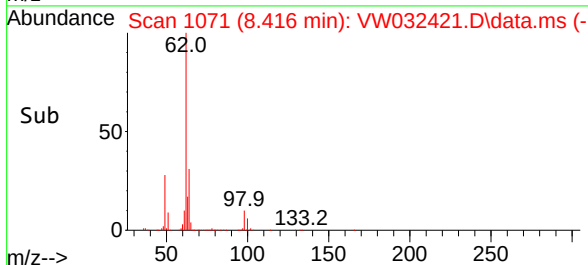
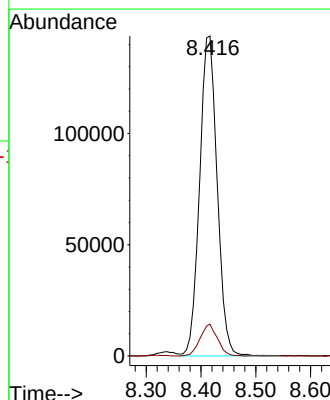
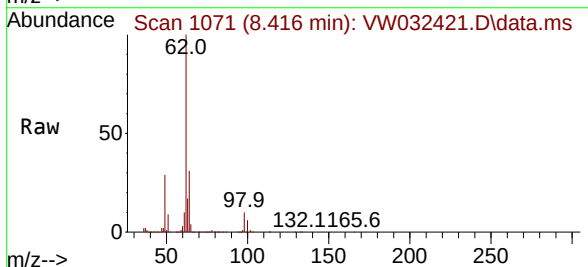
Acq: 11 Nov 2025 11:44

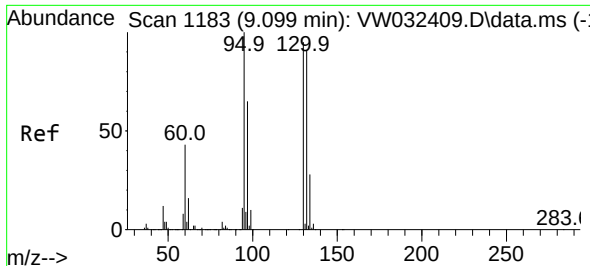
Tgt Ion: 62 Resp: 319152

Ion Ratio Lower Upper

62 100

98 9.8 0.0 20.2

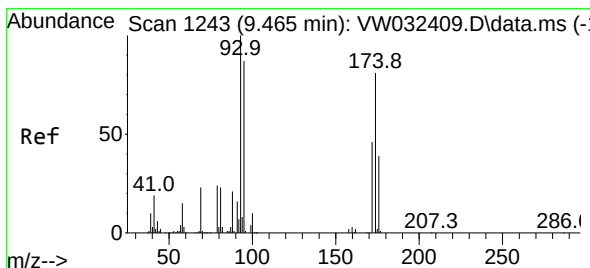
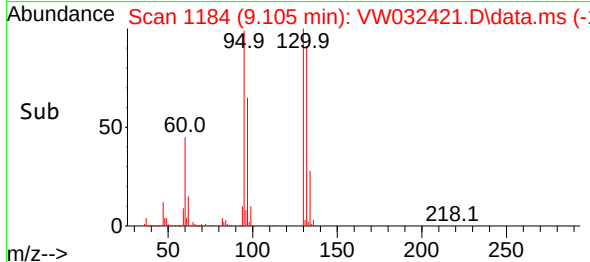
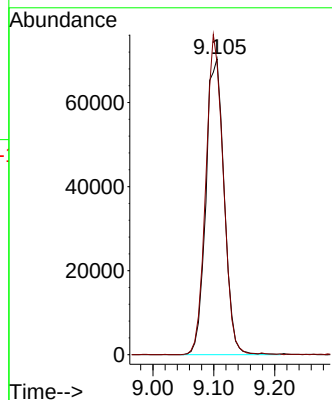
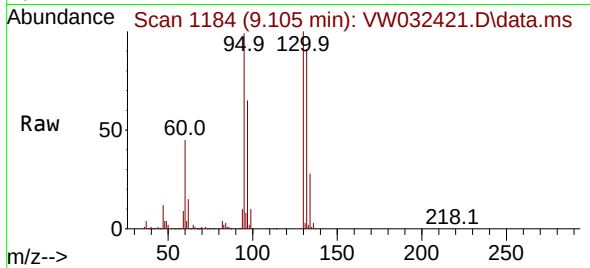




#44
Trichloroethene
Concen: 28.071 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

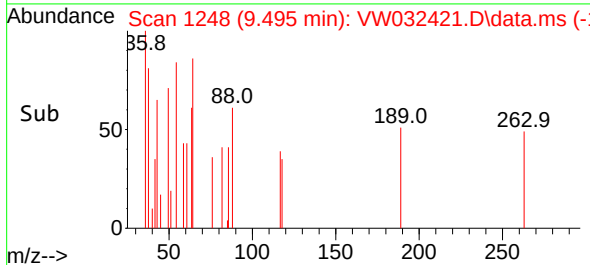
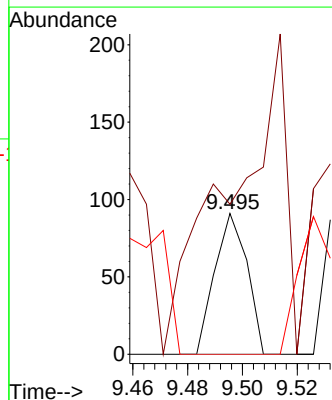
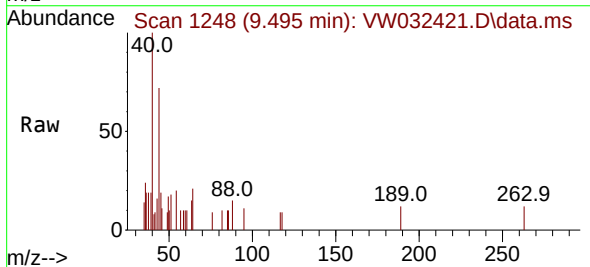
Instrument :
MSVOA_W
ClientSampleId :

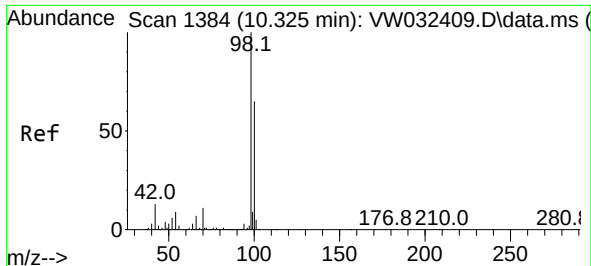
Tgt Ion:130 Resp: 146976
Ion Ratio Lower Upper
130 100
95 98.9 0.0 209.6



#49
1,4-Dioxane
Concen: 1.613 ug/l
RT: 9.495 min Scan# 1248
Delta R.T. 0.030 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 394.6 0.0 0.0#
58 0.0 63.0 94.4#

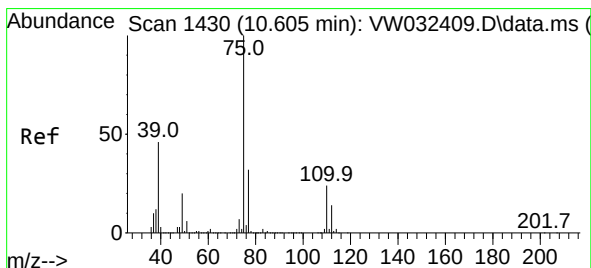
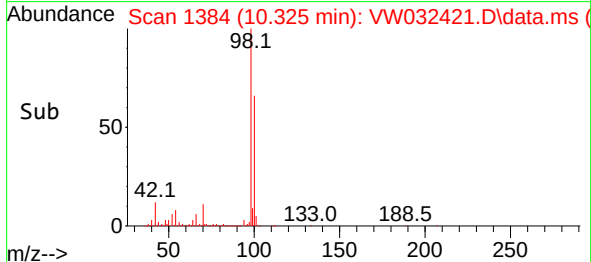
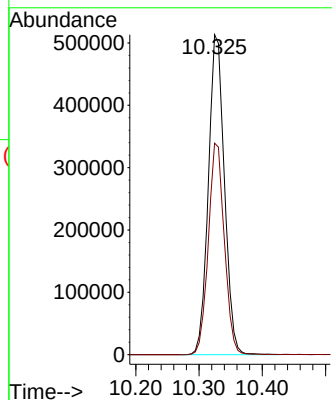
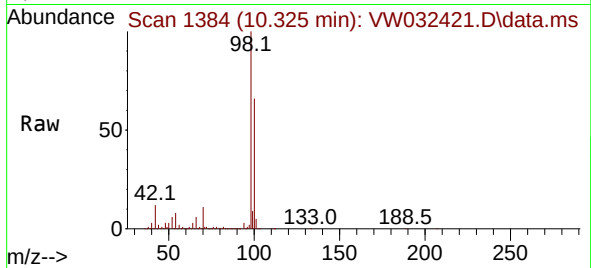




#50
Toluene-d8
Concen: 49.778 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

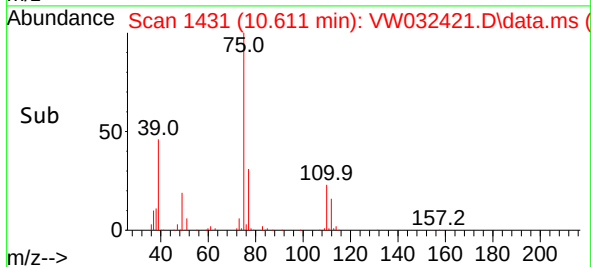
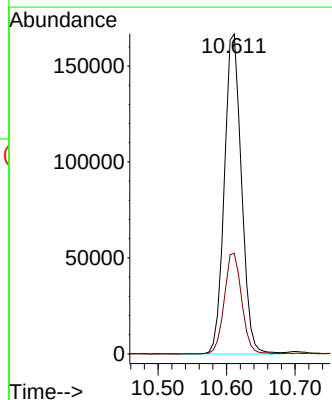
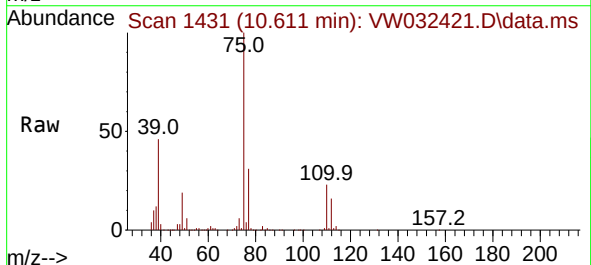
Instrument :
MSVOA_W
ClientSampleId :

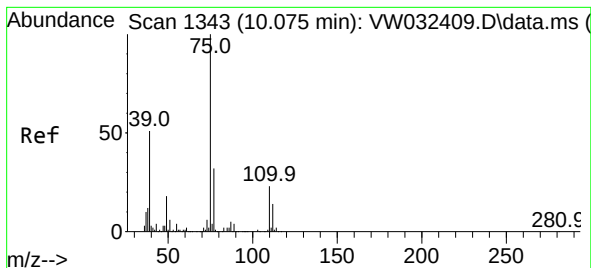
Tgt Ion: 98 Resp: 905595
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#53
t-1,3-Dichloropropene
Concen: 37.557 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 75 Resp: 288879
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

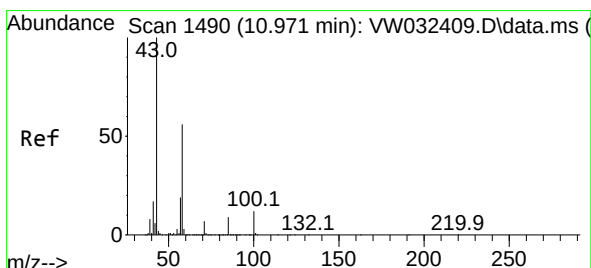
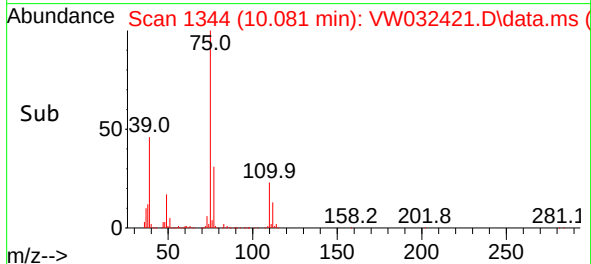
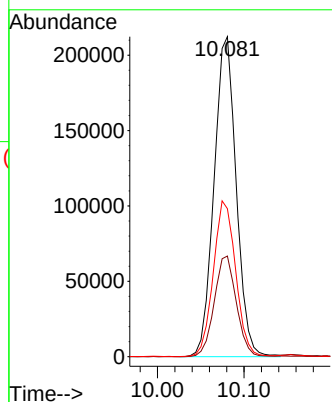
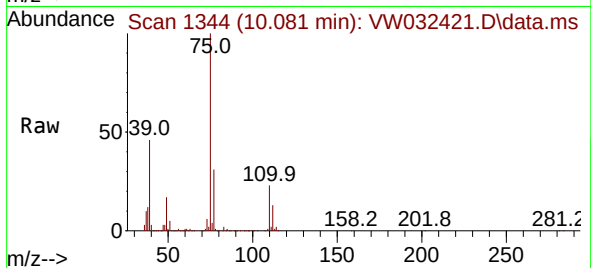




#54
cis-1,3-Dichloropropene
Concen: 42.394 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

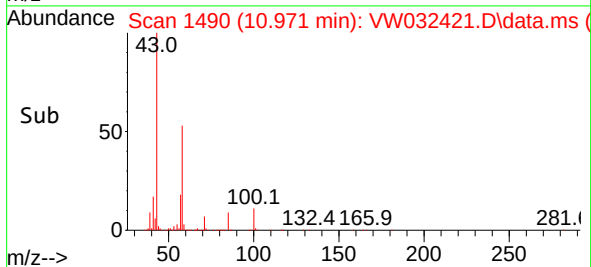
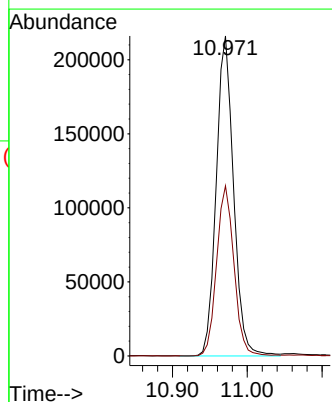
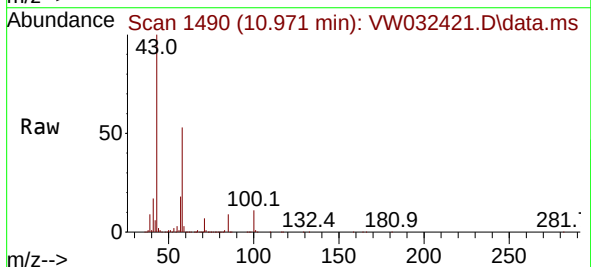
Instrument :
MSVOA_W
ClientSampleId :

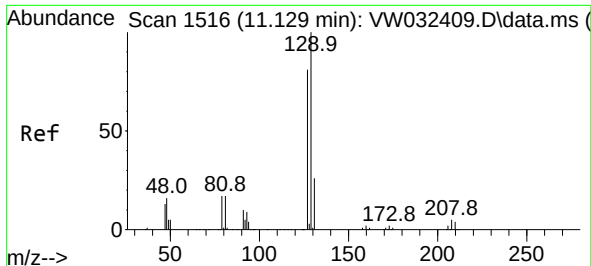
Tgt Ion: 75 Resp: 377095
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 46.2 40.7 61.1



#59
2-Hexanone
Concen: 93.483 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 43 Resp: 347852
Ion Ratio Lower Upper
43 100
58 53.5 27.4 82.2

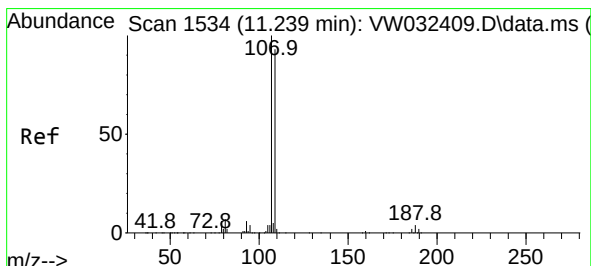
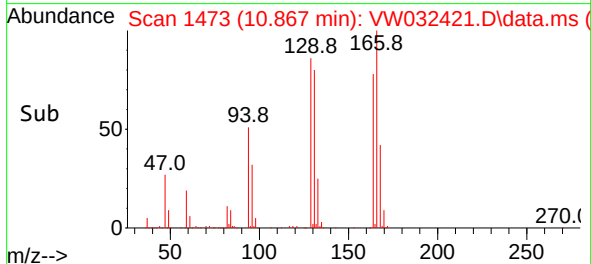
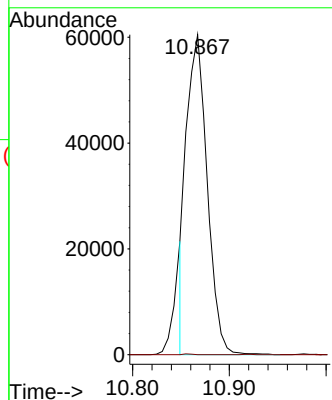
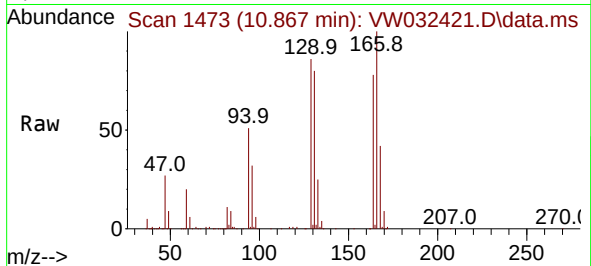




#60
Dibromochloromethane
Concen: 17.893 ug/l
RT: 10.867 min Scan# 14
Delta R.T. -0.262 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

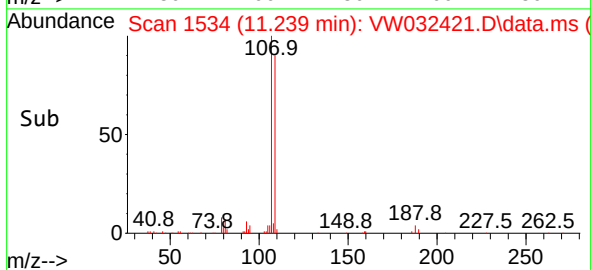
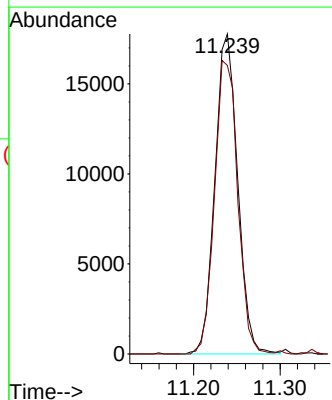
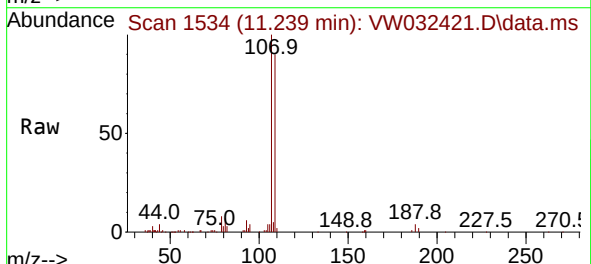
Instrument :
MSVOA_W
ClientSampleId :

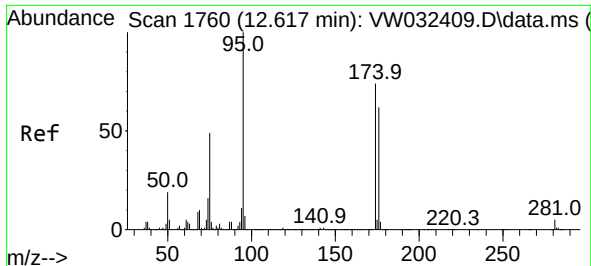
Tgt Ion:129 Resp: 89746
Ion Ratio Lower Upper
129 100
127 0.1 39.2 117.6#



#61
1,2-Dibromoethane
Concen: 7.405 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion:107 Resp: 32395
Ion Ratio Lower Upper
107 100
109 93.7 76.3 114.5

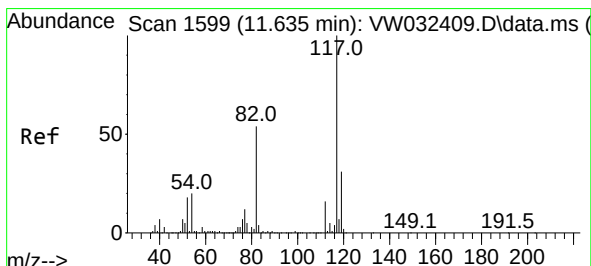
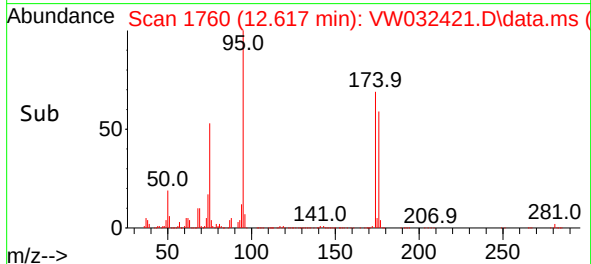
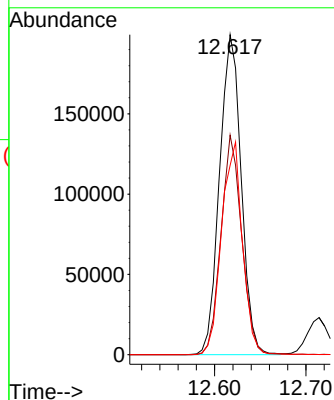
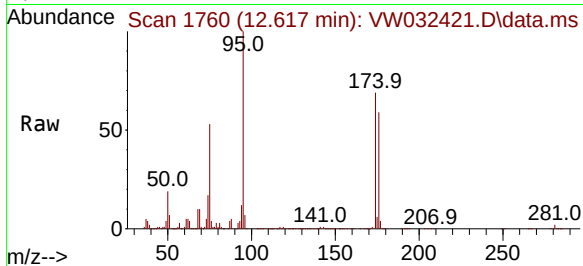




#62
4-Bromofluorobenzene
Concen: 47.815 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

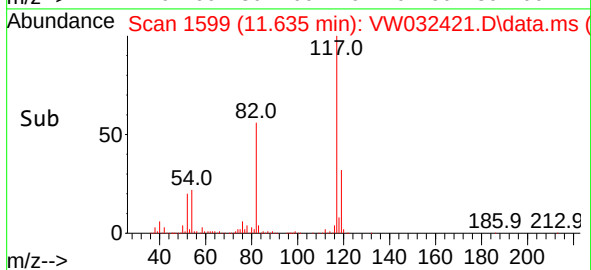
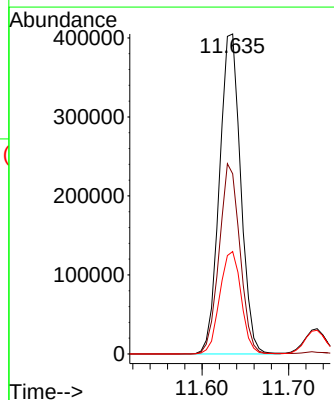
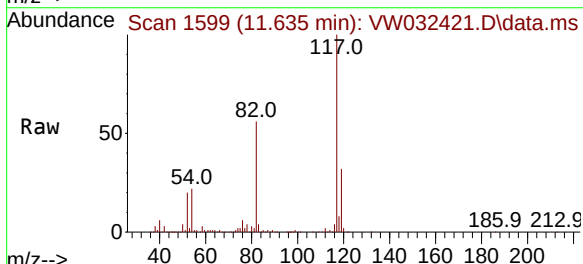
Instrument :
MSVOA_W
ClientSampleId :

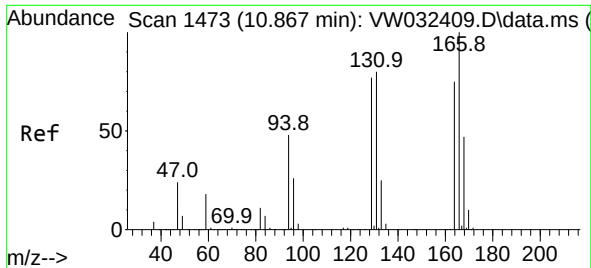
Tgt Ion: 95 Resp: 328607
Ion Ratio Lower Upper
95 100
174 65.7 0.0 135.4
176 64.4 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

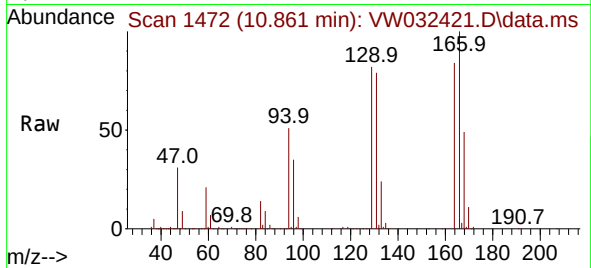
Tgt Ion: 117 Resp: 690426
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.0 25.0 37.6



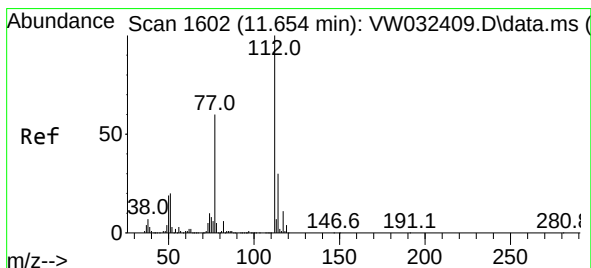
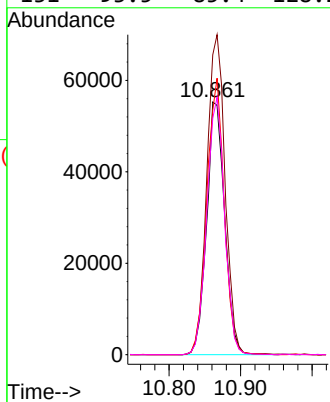
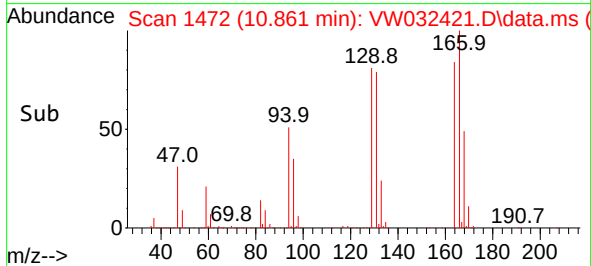


#64
Tetrachloroethene
Concen: 23.615 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

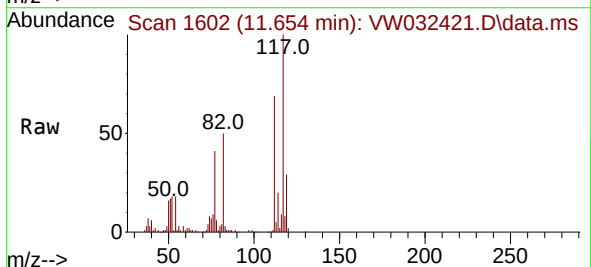
Instrument :
MSVOA_W
ClientSampleId :



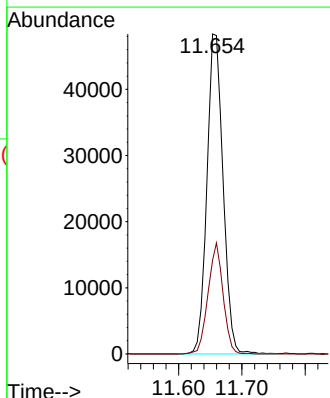
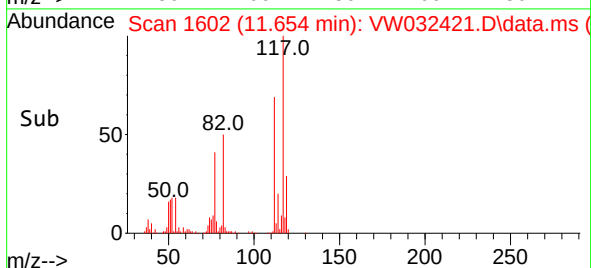
Tgt Ion:164 Resp: 96553
Ion Ratio Lower Upper
164 100
166 118.6 107.0 160.4
129 96.7 82.9 124.3
131 93.5 85.4 128.2

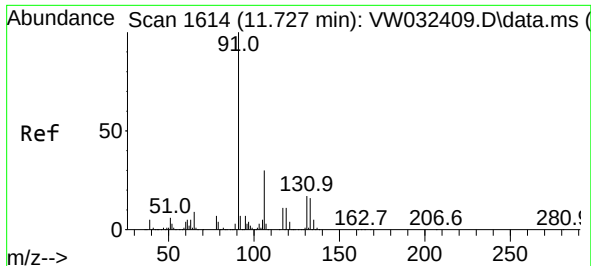


#65
Chlorobenzene
Concen: 5.769 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44



Tgt Ion:112 Resp: 85847
Ion Ratio Lower Upper
112 100
114 29.3 24.4 36.6

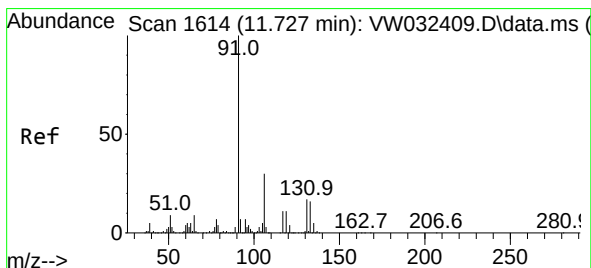
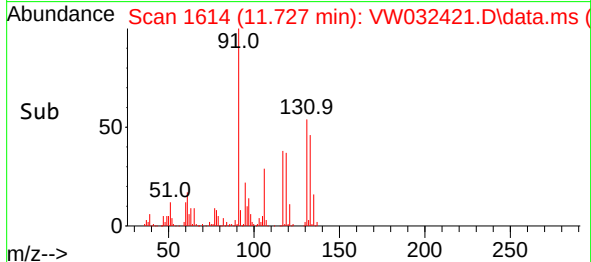
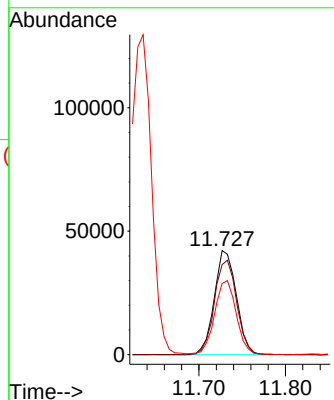
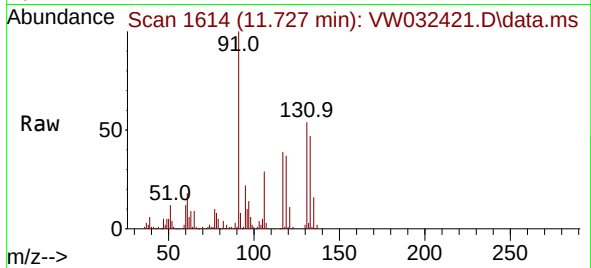




#66
1,1,1,2-Tetrachloroethane
Concen: 16.192 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

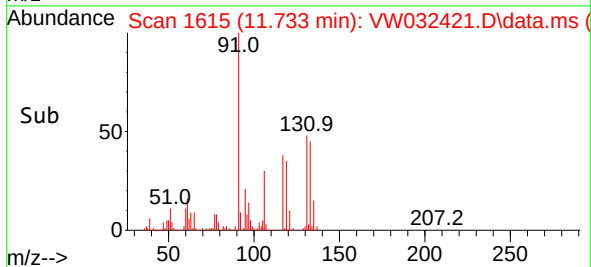
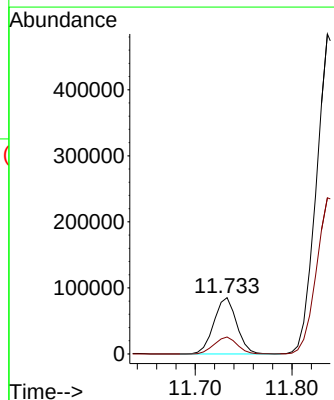
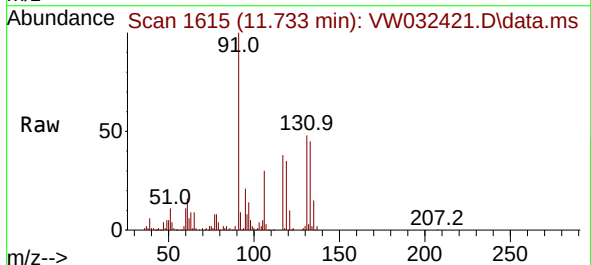
Instrument :
MSVOA_W
ClientSampleId :

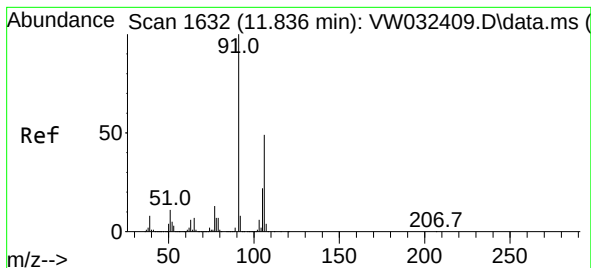
Tgt Ion:131 Resp: 74569
Ion Ratio Lower Upper
131 100
133 92.0 46.9 140.6
119 70.4 33.4 100.2



#67
Ethyl Benzene
Concen: 5.417 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 91 Resp: 139483
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2

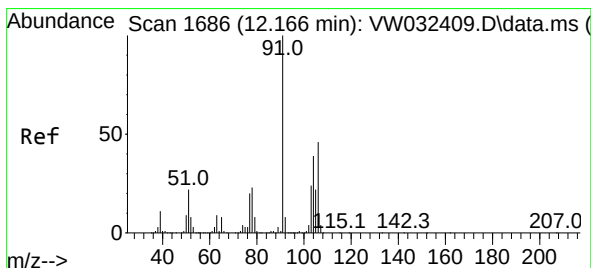
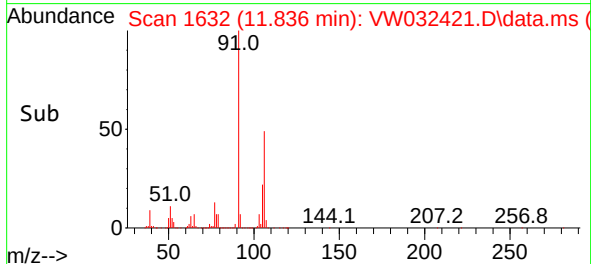
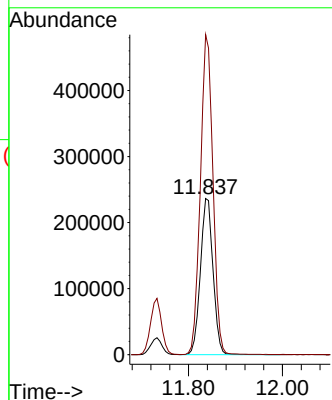
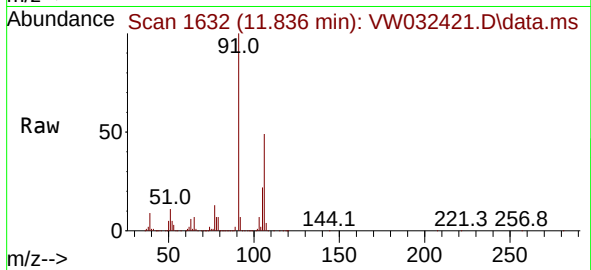




#68
m/p-Xylenes
Concen: 45.643 ug/l
RT: 11.836 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

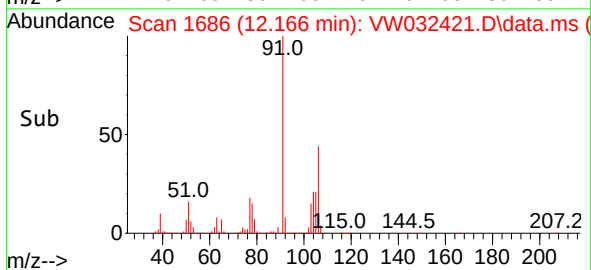
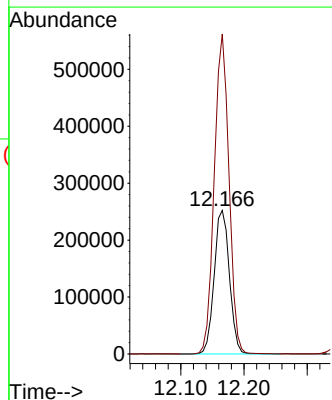
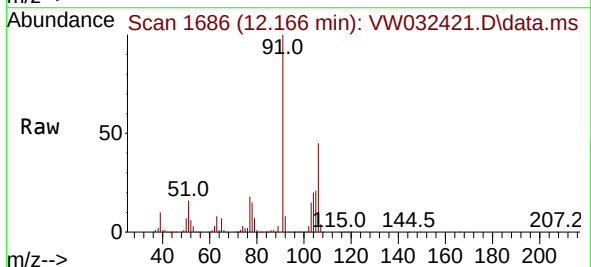
Instrument :
MSVOA_W
ClientSampleId :

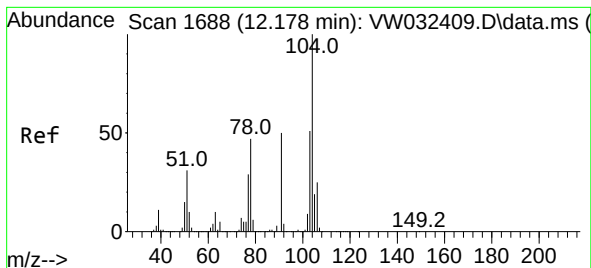
Tgt Ion:106 Resp: 441262
Ion Ratio Lower Upper
106 100
91 203.5 165.5 248.3



#69
o-Xylene
Concen: 45.401 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion:106 Resp: 420263
Ion Ratio Lower Upper
106 100
91 215.5 109.3 327.8





#70

Styrene

Concen: 26.713 ug/l

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032421.D

Acq: 11 Nov 2025 11:44

Instrument :

MSVOA_W

ClientSampleId :

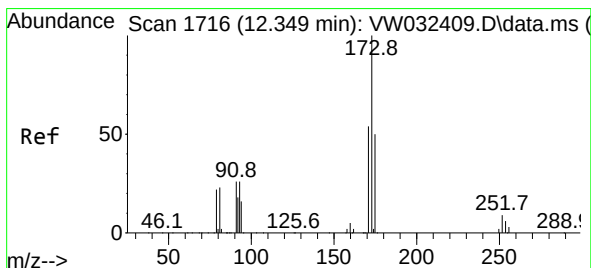
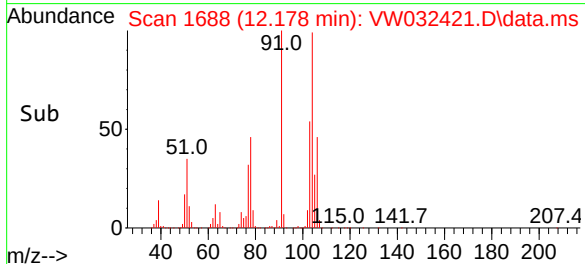
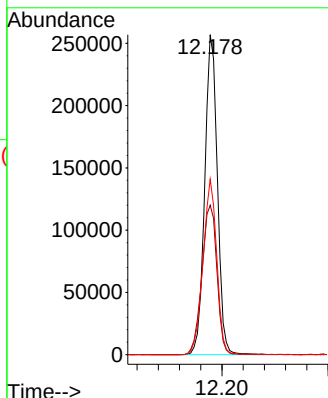
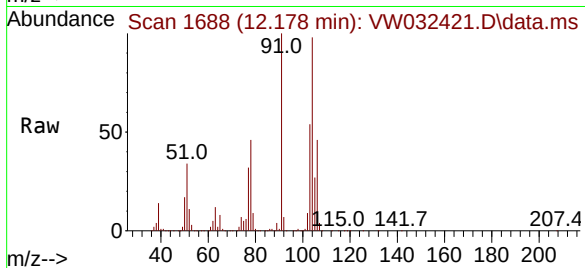
Tgt Ion:104 Resp: 425367

Ion Ratio Lower Upper

104 100

78 55.5 40.7 61.1

103 59.5 43.9 65.9



#71

Bromoform

Concen: 25.730 ug/l

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW032421.D

Acq: 11 Nov 2025 11:44

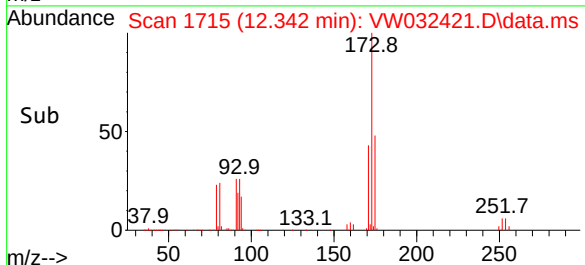
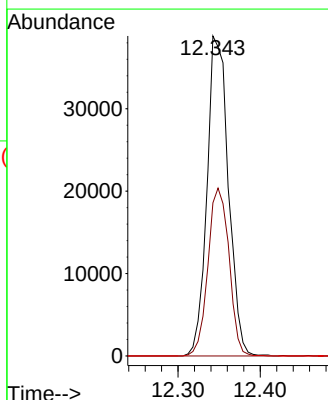
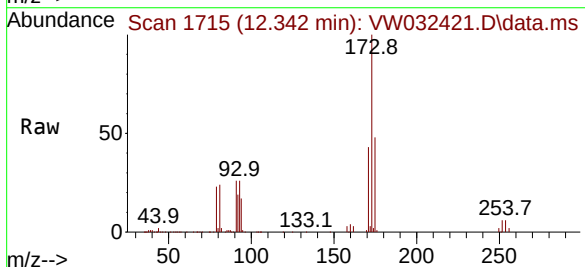
Tgt Ion:173 Resp: 70187

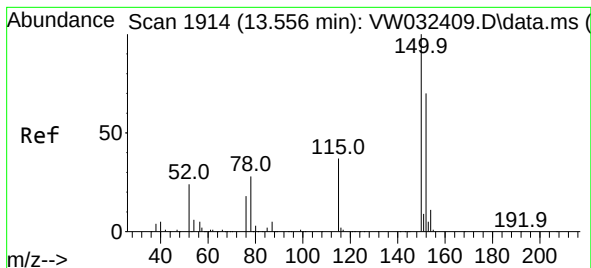
Ion Ratio Lower Upper

173 100

175 51.6 25.1 75.2

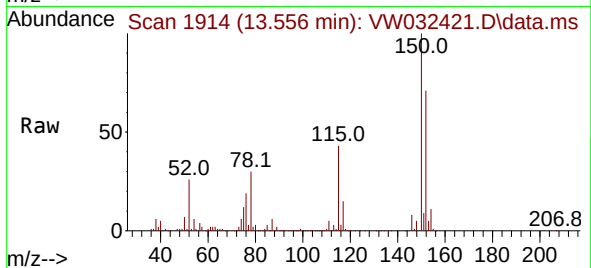
254 0.0 0.1 0.1#



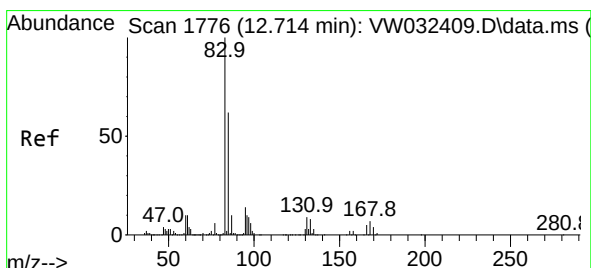
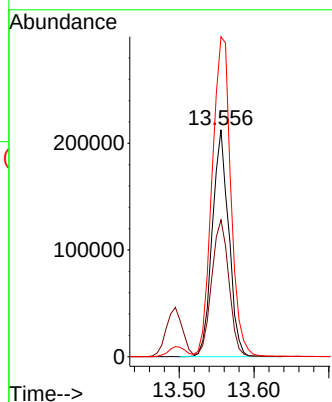
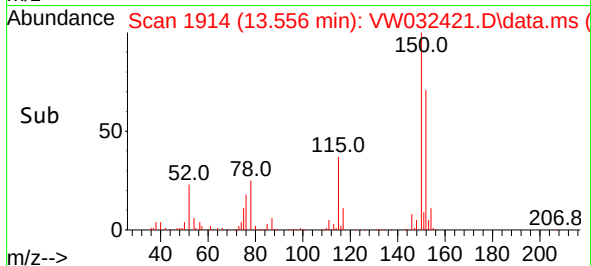


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

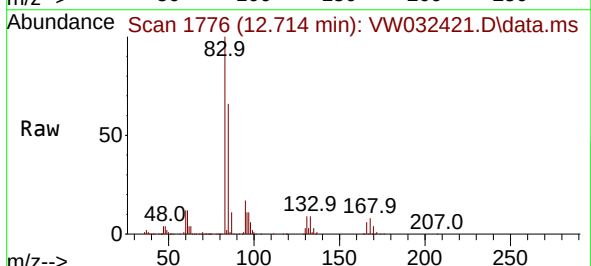
Instrument :
 MSVOA_W
 ClientSampleId :



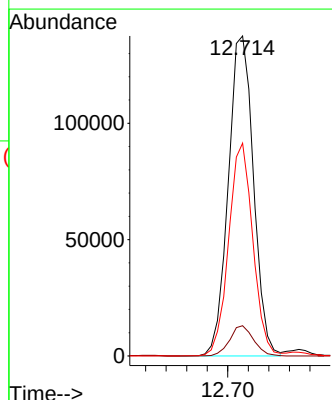
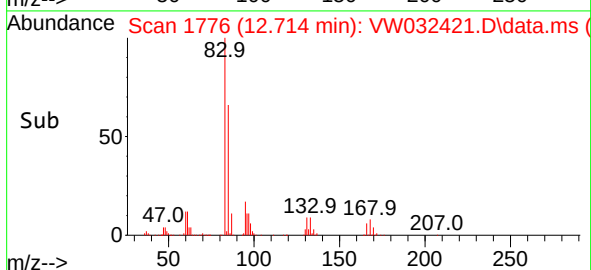
Tgt Ion:152 Resp: 324590
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.8 98.3
 150 160.5 0.0 356.6

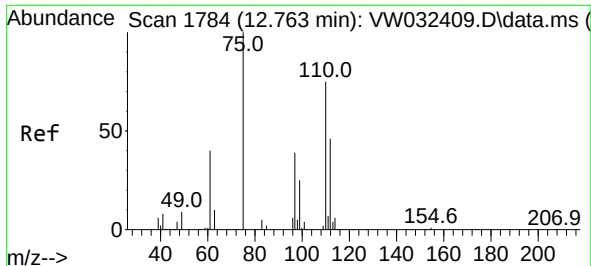


#75
 1,1,2,2-Tetrachloroethane
 Concen: 41.454 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44



Tgt Ion: 83 Resp: 234530
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.0 14.9
 85 63.8 31.6 94.8

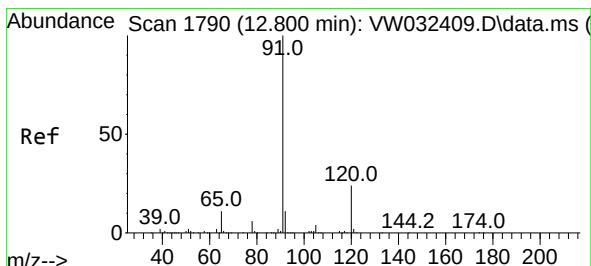
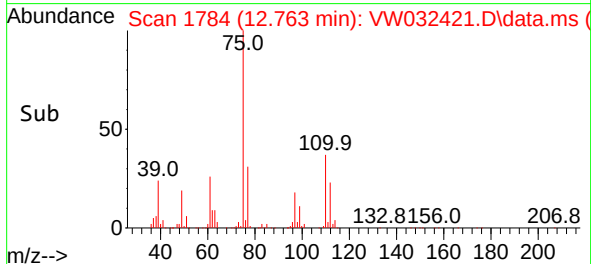
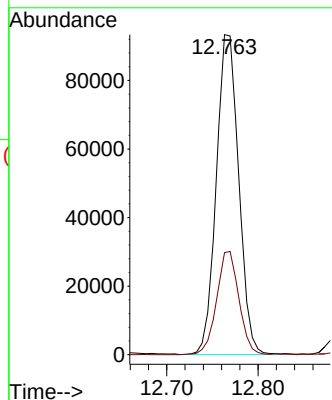
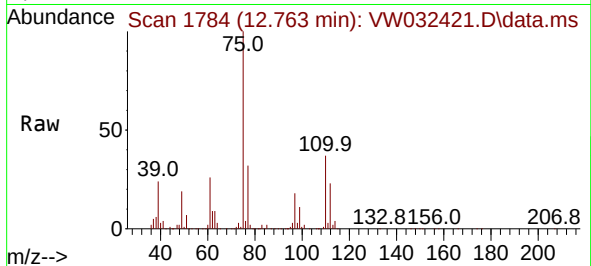




#76
1,2,3-Trichloropropane
Concen: 35.717 ug/l
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

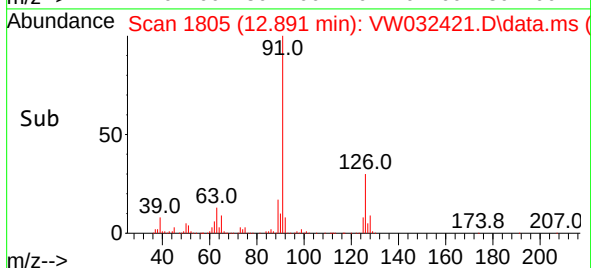
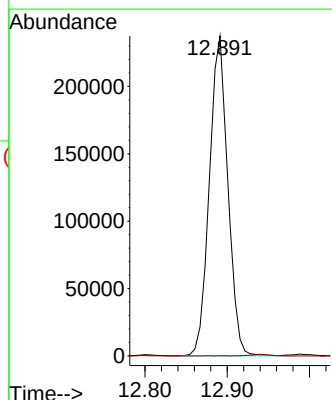
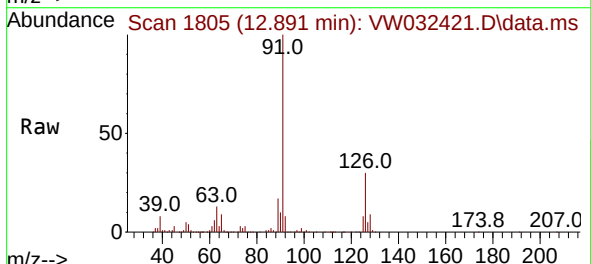
Instrument :
MSVOA_W
ClientSampleId :

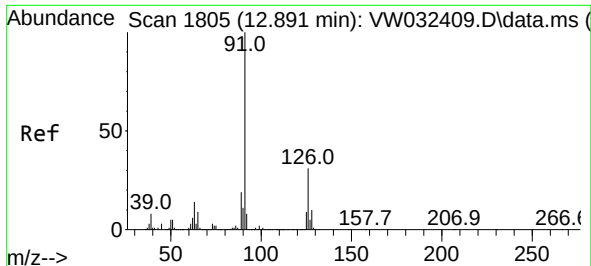
Tgt Ion: 75 Resp: 158963
Ion Ratio Lower Upper
75 100
77 32.2 151.6 454.8#



#78
n-propylbenzene
Concen: 12.758 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.091 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 91 Resp: 370379
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.9#

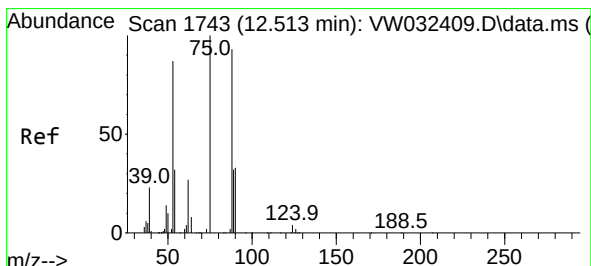
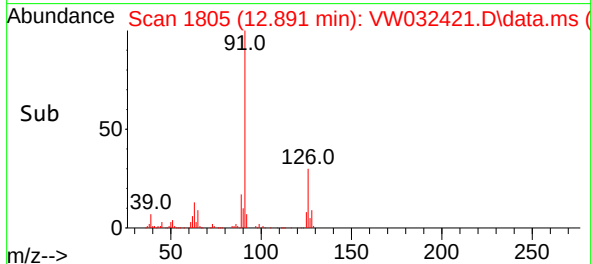
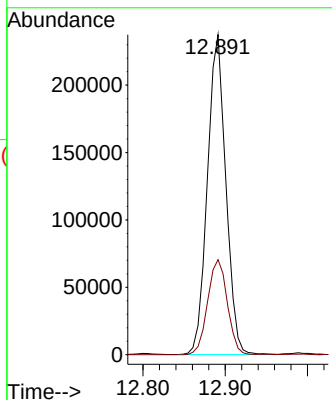
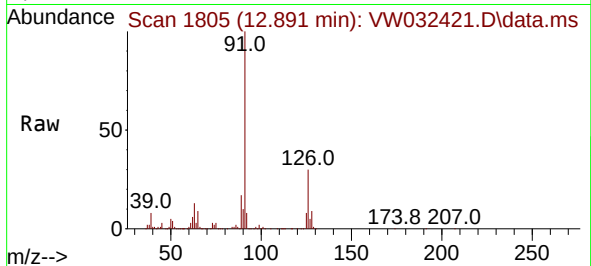




#79
2-Chlorotoluene
Concen: 20.899 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

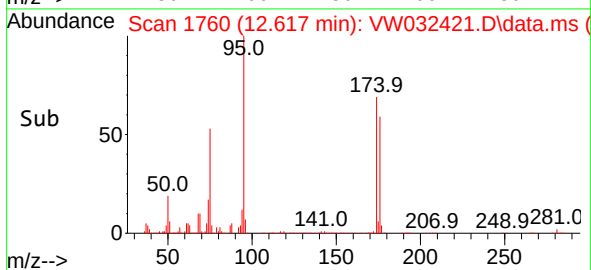
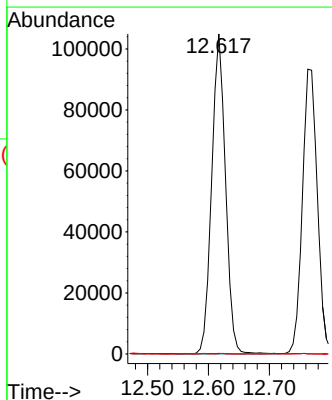
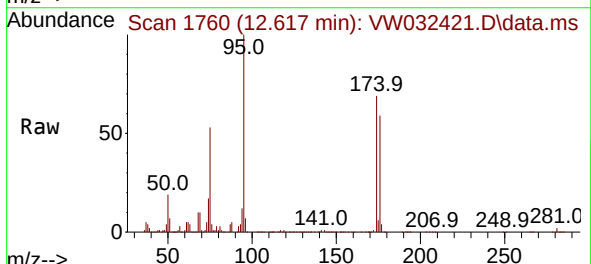
Instrument :
MSVOA_W
ClientSampleId :

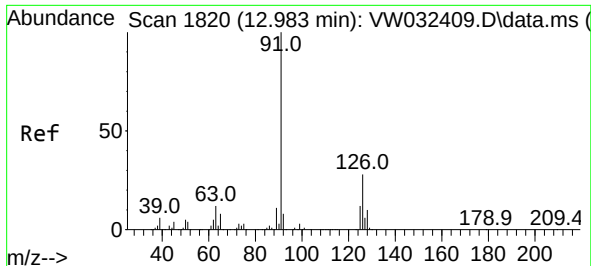
Tgt Ion: 91 Resp: 370379
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.2



#81
trans-1,4-Dichloro-2-butene
Concen: 84.930 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 75 Resp: 165032
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 35.6 53.4#

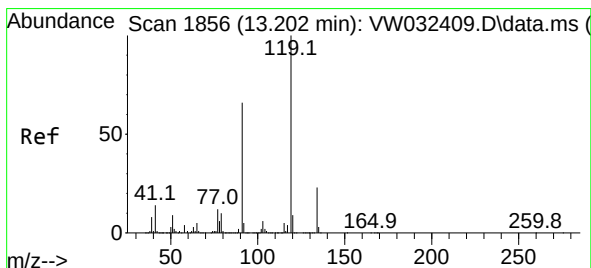
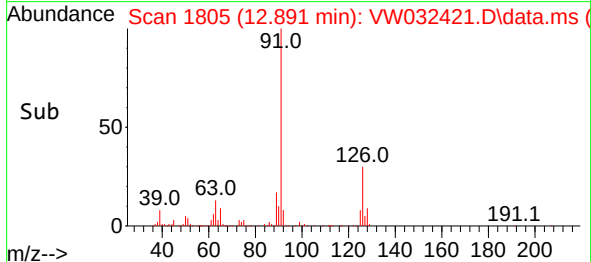
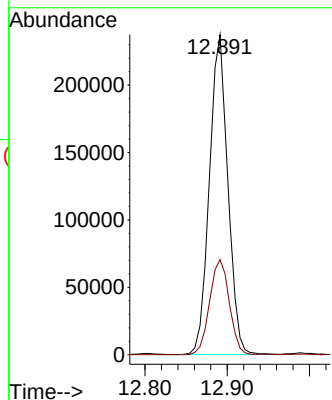
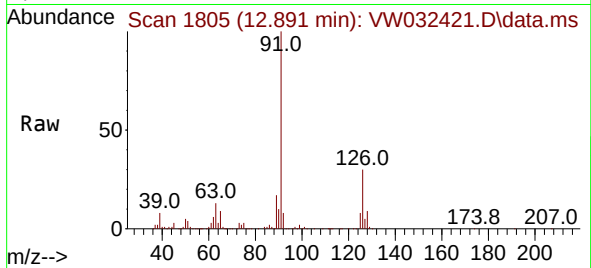




#82
4-Chlorotoluene
Concen: 20.093 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.091 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

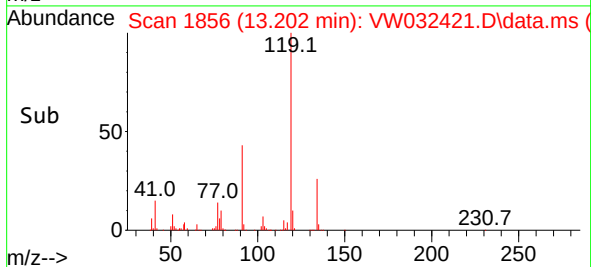
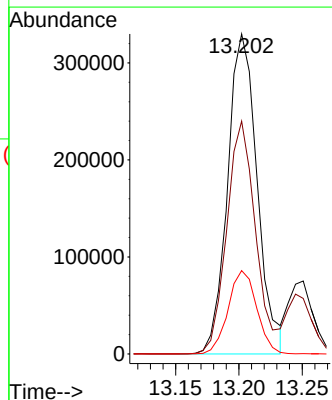
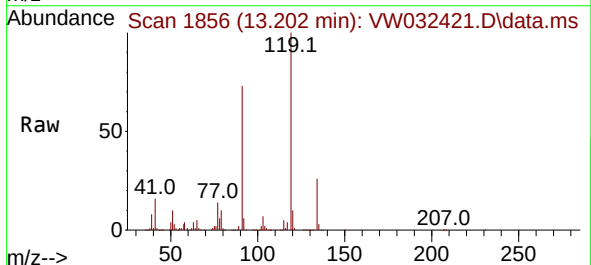
Instrument :
MSVOA_W
ClientSampleId :

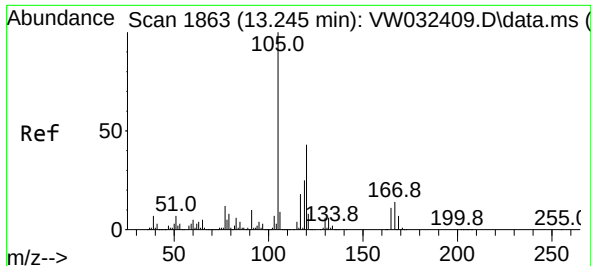
Tgt Ion: 91 Resp: 370379
Ion Ratio Lower Upper
91 100
126 31.6 15.5 46.5



#83
tert-Butylbenzene
Concen: 31.394 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion: 119 Resp: 537111
Ion Ratio Lower Upper
119 100
91 69.6 33.3 99.9
134 25.2 12.2 36.4

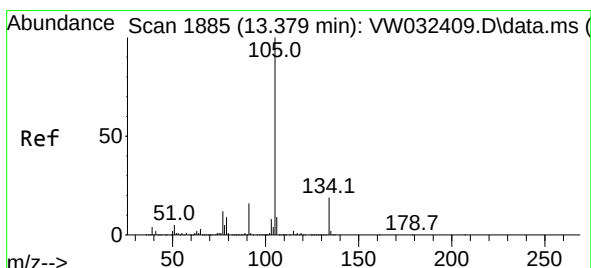
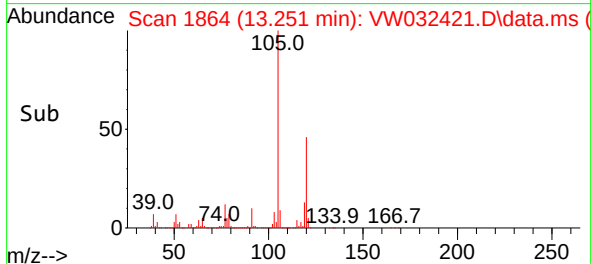
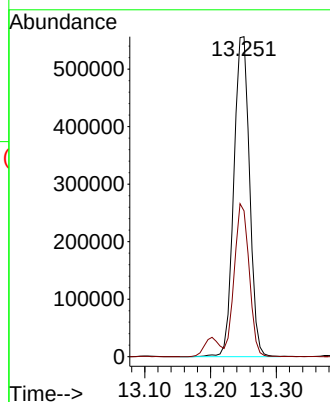
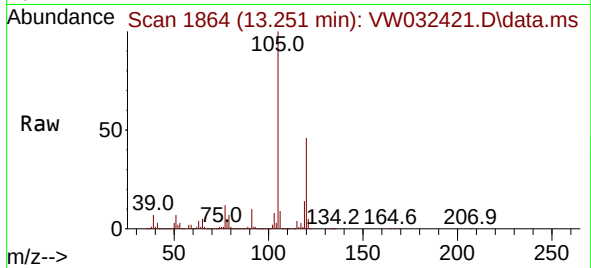




#84
1,2,4-Trimethylbenzene
Concen: 46.264 ug/l
RT: 13.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

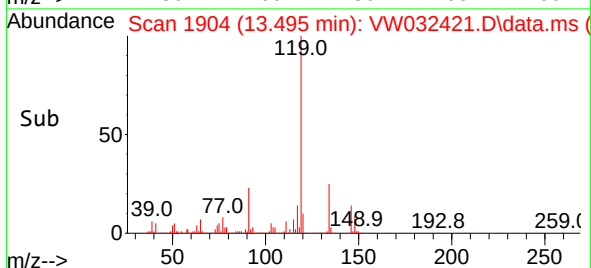
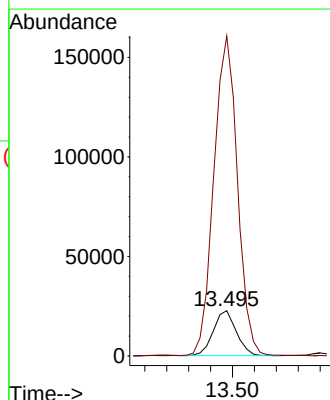
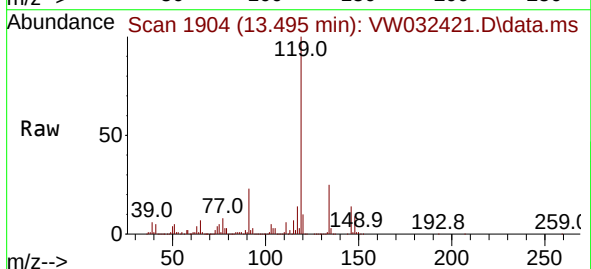
Instrument :
MSVOA_W
ClientSampleId :

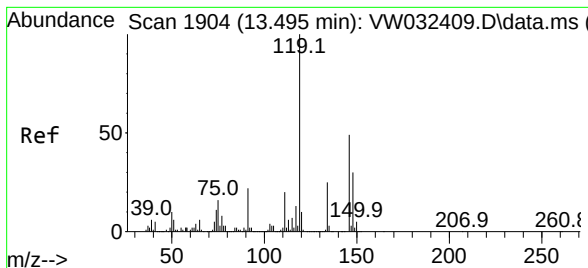
Tgt Ion:105 Resp: 925454
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.5



#85
sec-Butylbenzene
Concen: 1.288 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.116 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Tgt Ion:105 Resp: 32829
Ion Ratio Lower Upper
105 100
134 736.4 9.8 29.3#

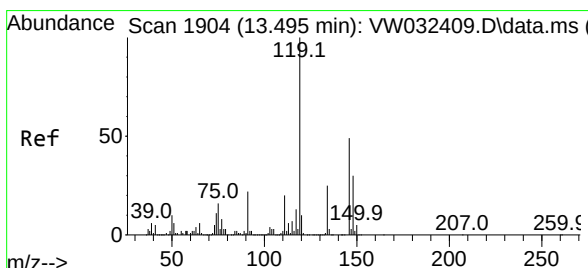
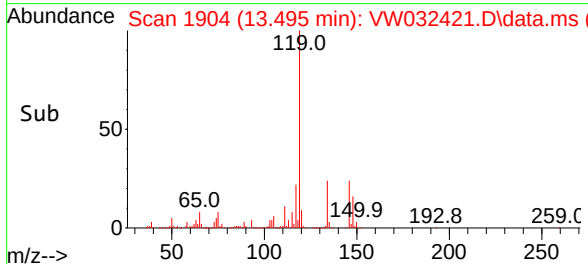
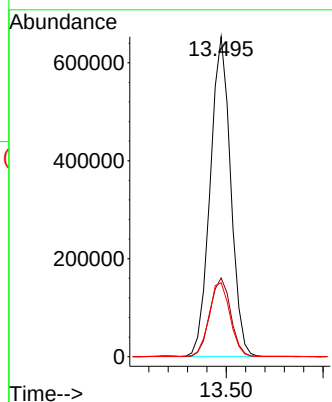
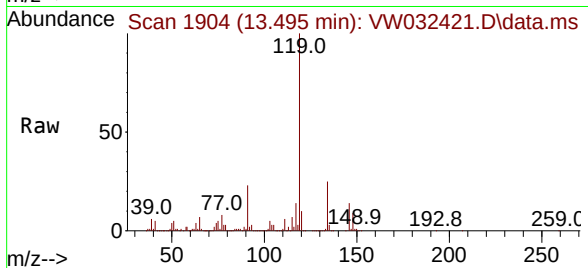




#86
 p-Isopropyltoluene
 Concen: 45.547 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

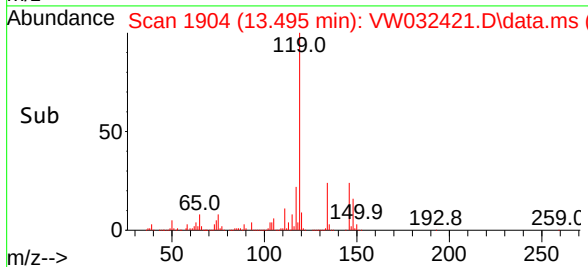
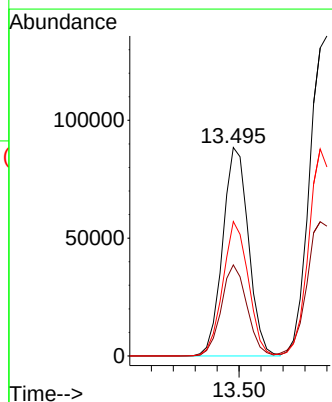
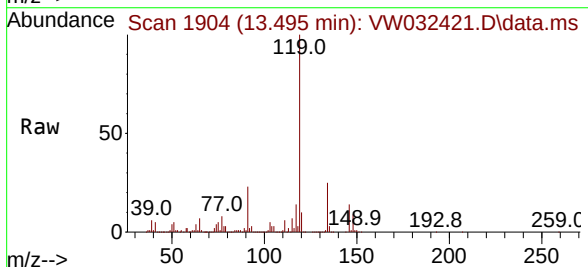
Instrument :
 MSVOA_W
 ClientSampleId :

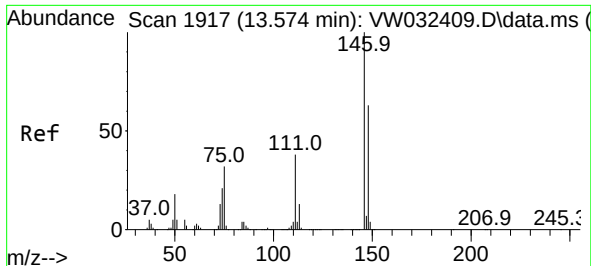
Tgt Ion:119 Resp: 958195
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 23.9 11.9 35.5



#87
 1,3-Dichlorobenzene
 Concen: 13.518 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

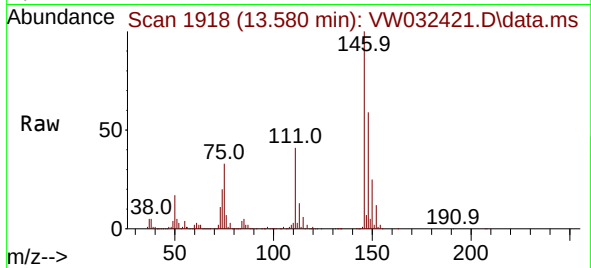
Tgt Ion:146 Resp: 144661
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.2 66.6
 148 63.7 33.4 100.1



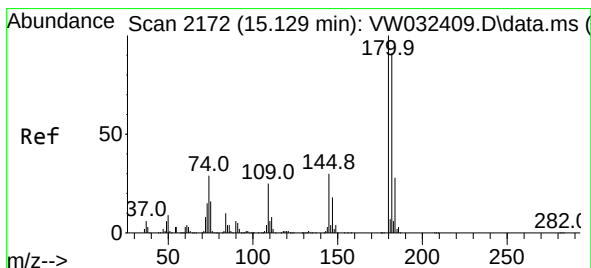
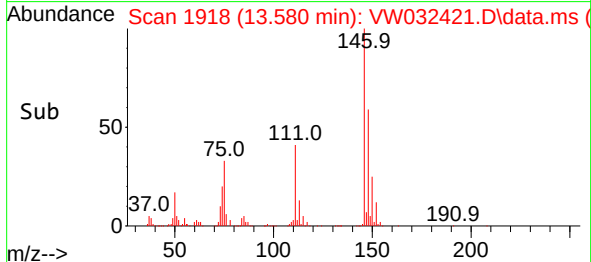
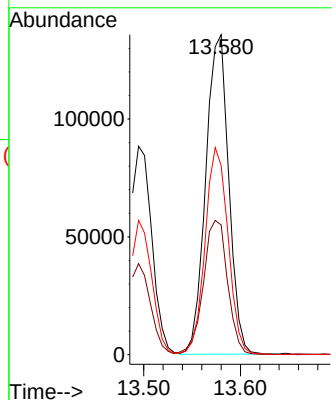


#88
 1,4-Dichlorobenzene
 Concen: 20.444 ug/l
 RT: 13.580 min Scan# 1918
 Delta R.T. 0.006 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

Instrument :
 MSVOA_W
 ClientSampleId :

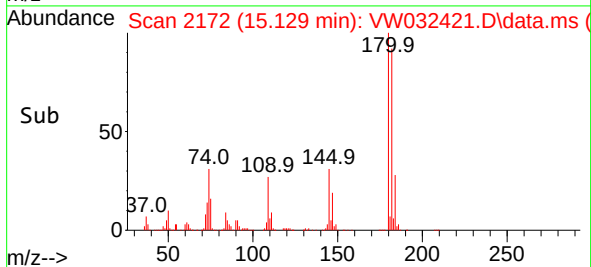
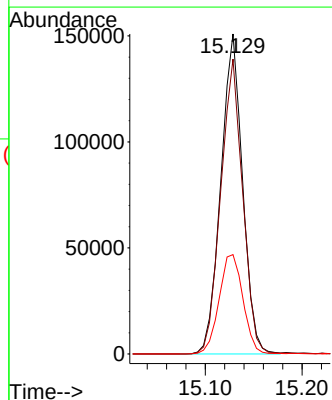
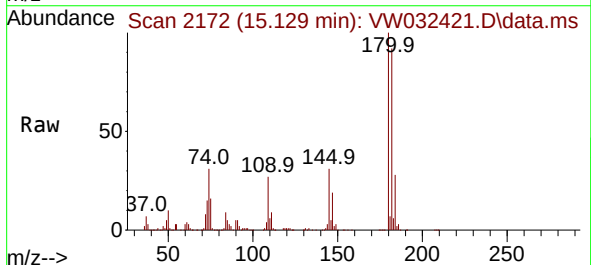


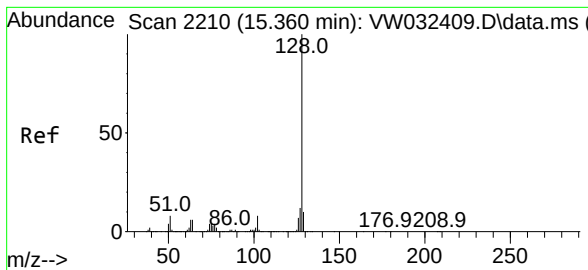
Tgt Ion:146 Resp: 224134
 Ion Ratio Lower Upper
 146 100
 111 44.6 20.5 61.6
 148 64.9 31.2 93.6



#93
 1,2,4-Trichlorobenzene
 Concen: 37.607 ug/l
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW032421.D
 Acq: 11 Nov 2025 11:44

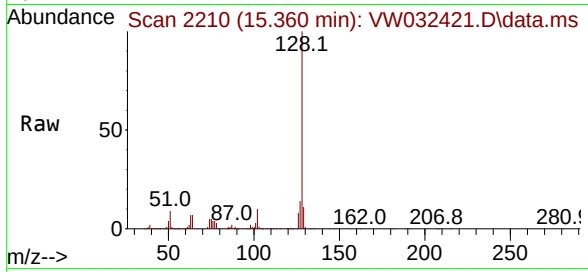
Tgt Ion:180 Resp: 235100
 Ion Ratio Lower Upper
 180 100
 182 93.1 45.3 135.9
 145 34.2 16.2 48.5





#95
Naphthalene
Concen: 15.415 ug/l
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032421.D
Acq: 11 Nov 2025 11:44

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	240302
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.1	8.6	12.8

