

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031763.D
 Acq On : 03 Jul 2025 12:45
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

Quant Time: Jul 04 05:03:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 04 05:03:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	227736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	418856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	364293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170304	52.108	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.220%	
35) Dibromofluoromethane	7.904	113	135403	49.540	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.080%	
50) Toluene-d8	10.324	98	509343	50.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.617	95	191441	51.145	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.045	85	3830	2.469	ug/l	93
3) Chloromethane	2.253	50	4969	2.657	ug/l	93
4) Vinyl Chloride	2.399	62	6001	2.442	ug/l	96
5) Bromomethane	2.826	94	5363	2.794	ug/l	97
6) Chloroethane	2.978	64	4116	2.466	ug/l	96
7) Trichlorofluoromethane	3.314	101	5307	2.378	ug/l	99
8) Diethyl Ether	3.722	74	6039	3.561	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.112	101	6479	2.615	ug/l #	87
10) Methyl Iodide	4.307	142	9209	2.411	ug/l	97
11) Tert butyl alcohol	5.228	59	2547m	12.579	ug/l	
12) 1,1-Dichloroethene	4.082	96	7214	2.658	ug/l	92
13) Acrolein	3.923	56	2024m	5.562	ug/l	
14) Allyl chloride	4.710	41	10810	2.596	ug/l	90
15) Acrylonitrile	5.405	53	10507	12.598	ug/l	98
16) Acetone	4.161	43	11730	14.521	ug/l	98
17) Carbon Disulfide	4.423	76	16589	2.285	ug/l #	93
18) Methyl Acetate	4.710	43	7056	3.056	ug/l #	74
19) Methyl tert-butyl Ether	5.466	73	11152	2.421	ug/l	99
20) Methylene Chloride	4.953	84	24036	6.479	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	7046	2.444	ug/l	87
22) Diisopropyl ether	6.343	45	19370	2.385	ug/l	98
23) Vinyl Acetate	6.289	43	58700	10.583	ug/l	100
24) 1,1-Dichloroethane	6.246	63	13194	2.506	ug/l	95
25) 2-Butanone	7.197	43	12835	12.213	ug/l	100
26) 2,2-Dichloropropane	7.185	77	7433	2.420	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	7904	2.385	ug/l	97
28) Bromochloromethane	7.532	49	5985	2.576	ug/l	95
29) Tetrahydrofuran	7.563	42	8685	12.067	ug/l	95
30) Chloroform	7.691	83	13722	2.453	ug/l	97
31) Cyclohexane	7.965	56	16119	3.464	ug/l #	55
32) 1,1,1-Trichloroethane	7.886	97	10961	2.543	ug/l	99
36) 1,1-Dichloropropene	8.093	75	9641	2.438	ug/l	98
37) Ethyl Acetate	7.276	43	6101	2.445	ug/l	97
38) Carbon Tetrachloride	8.081	117	9447	2.344	ug/l	98
39) Methylcyclohexane	9.343	83	12138	2.467	ug/l	94
40) Benzene	8.343	78	28347	2.422	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 04 05:03:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	3059	2.289	ug/l #	81
42) 1,2-Dichloroethane	8.416	62	9973	2.522	ug/l	99
43) Isopropyl Acetate	8.435	43	10042	2.335	ug/l	98
44) Trichloroethene	9.105	130	6977	2.389	ug/l	96
45) 1,2-Dichloropropane	9.373	63	6760	2.390	ug/l	99
46) Dibromomethane	9.465	93	4303	2.357	ug/l	98
47) Bromodichloromethane	9.654	83	9777	2.284	ug/l #	92
48) Methyl methacrylate	9.447	41	5038m	2.382	ug/l	
49) 1,4-Dioxane	9.465	88	1050m	49.101	ug/l	
51) 4-Methyl-2-Pentanone	10.215	43	27439	11.097	ug/l	98
52) Toluene	10.392	92	18166	2.425	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	8924	2.221	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	9793	2.150	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	5736	2.398	ug/l	89
56) Ethyl methacrylate	10.648	69	7018	2.163	ug/l	95
57) 1,3-Dichloropropane	10.934	76	10071	2.398	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.928	63	18510	10.360	ug/l	99
59) 2-Hexanone	10.971	43	18664	11.139	ug/l	97
60) Dibromochloromethane	11.129	129	6241	2.182	ug/l	96
61) 1,2-Dibromoethane	11.239	107	5672	2.369	ug/l	93
64) Tetrachloroethene	10.867	164	5651	2.371	ug/l #	83
65) Chlorobenzene	11.653	112	20764	2.583	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.733	131	6371	2.487	ug/l	94
67) Ethyl Benzene	11.733	91	32437	2.327	ug/l	97
68) m/p-Xylenes	11.836	106	24705	4.611	ug/l	98
69) o-Xylene	12.160	106	11139	2.245	ug/l	96
70) Styrene	12.178	104	19168	2.235	ug/l	97
71) Bromoform	12.349	173	3537	2.315	ug/l #	95
73) Isopropylbenzene	12.464	105	28700	2.205	ug/l	98
74) N-amyl acetate	12.275	43	7661	2.184	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	7822	2.707	ug/l	93
76) 1,2,3-Trichloropropane	12.769	75	5722m	2.588	ug/l	
77) Bromobenzene	12.745	156	7328	2.524	ug/l	87
78) n-propylbenzene	12.800	91	38339	2.460	ug/l	98
79) 2-Chlorotoluene	12.891	91	23041	2.455	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	25637	2.379	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	1839m	1.937	ug/l	
82) 4-Chlorotoluene	12.989	91	25002	2.537	ug/l	97
83) tert-Butylbenzene	13.202	119	21975	2.381	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	25389	2.326	ug/l	97
85) sec-Butylbenzene	13.379	105	33591	2.425	ug/l	99
86) p-Isopropyltoluene	13.495	119	26490	2.320	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	15557	2.672	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	16025	2.689	ug/l	87
89) n-Butylbenzene	13.818	91	27427	2.473	ug/l	96
90) Hexachloroethane	14.086	117	5278	2.563	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	13406	2.519	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	1400	2.481	ug/l	93
93) 1,2,4-Trichlorobenzene	15.128	180	8303	2.530	ug/l	96
94) Hexachlorobutadiene	15.226	225	4802	3.030	ug/l	91
95) Naphthalene	15.360	128	17694	2.199	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	7739	2.566	ug/l	98

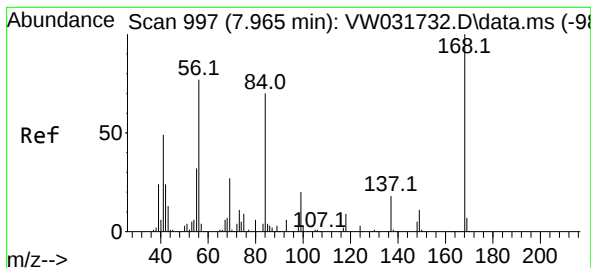
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Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Jul 04 05:03:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

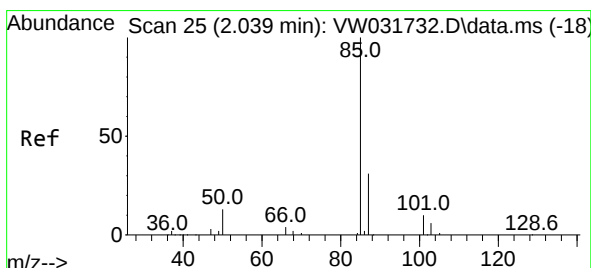
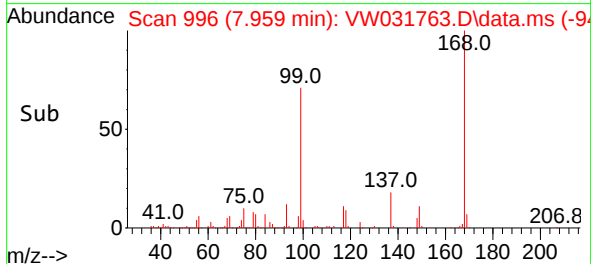
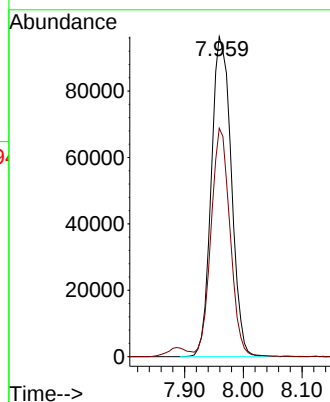
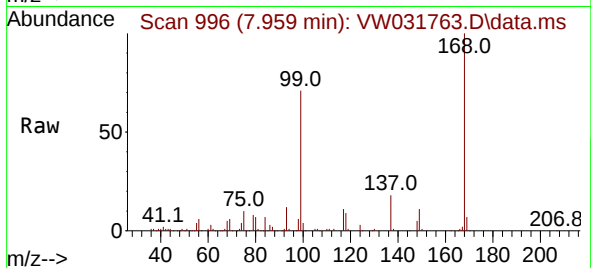
MDL06

Tgt Ion:168 Resp: 227736

Ion Ratio Lower Upper

168 100

99 71.3 49.4 74.2



#2

Dichlorodifluoromethane

Concen: 2.469 ug/l

RT: 2.045 min Scan# 26

Delta R.T. 0.006 min

Lab File: VW031763.D

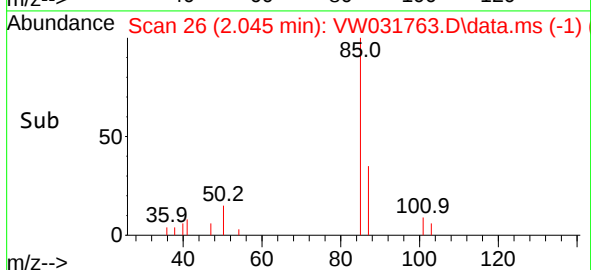
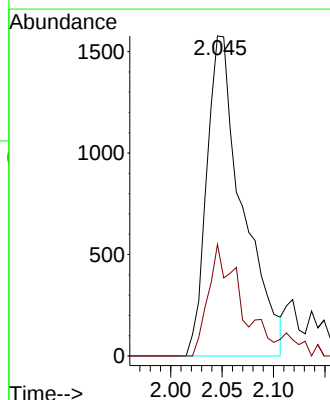
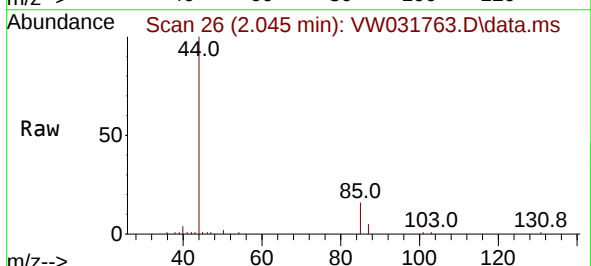
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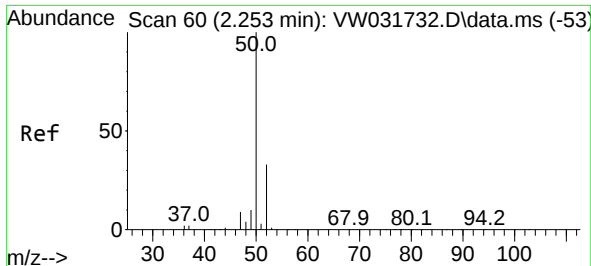
Tgt Ion: 85 Resp: 3830

Ion Ratio Lower Upper

85 100

87 34.9 15.4 46.2

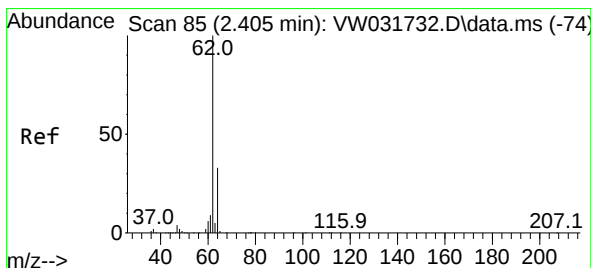
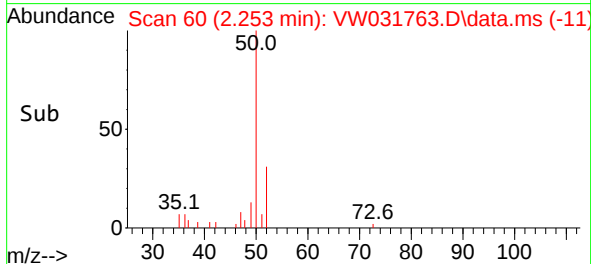
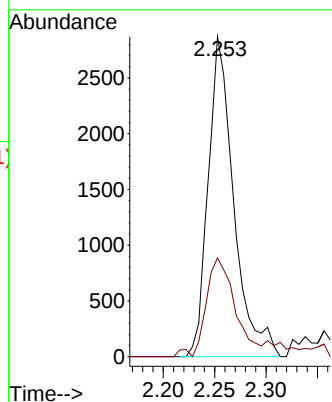
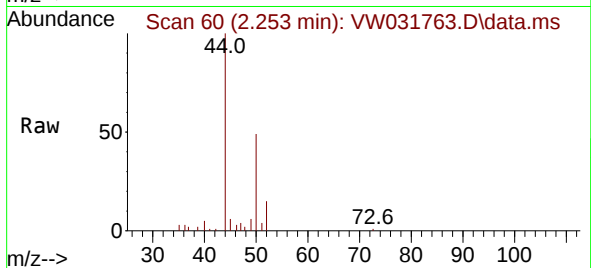




#3
Chloromethane
Concen: 2.657 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

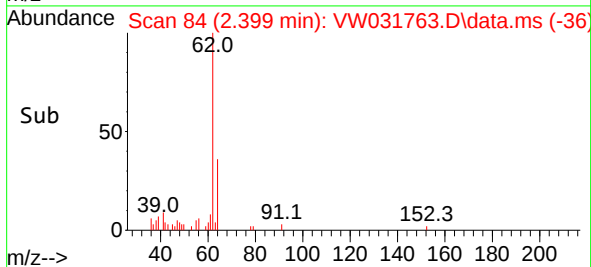
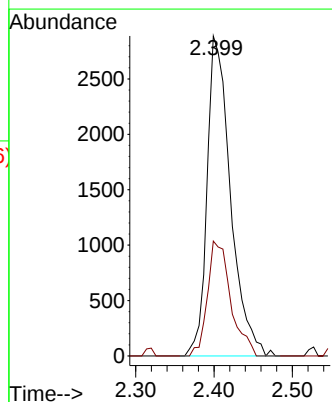
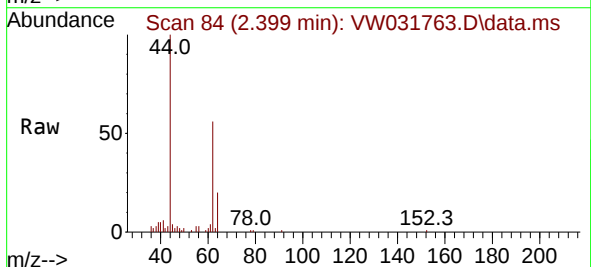
Instrument :
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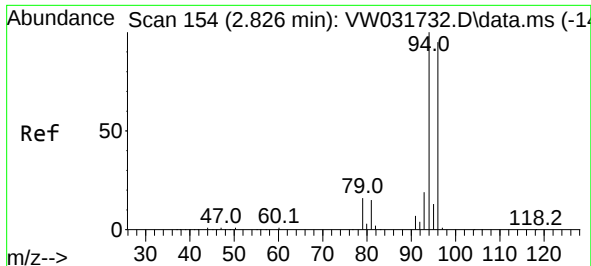
Tgt Ion: 50 Resp: 4969
Ion Ratio Lower Upper
50 100
52 28.7 26.2 39.2



#4
Vinyl Chloride
Concen: 2.442 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 62 Resp: 6001
Ion Ratio Lower Upper
62 100
64 35.9 26.8 40.2

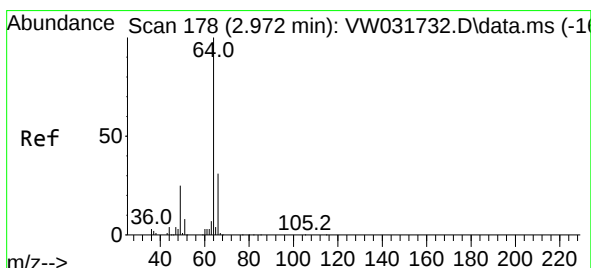
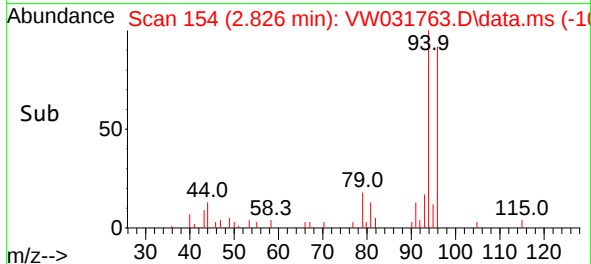
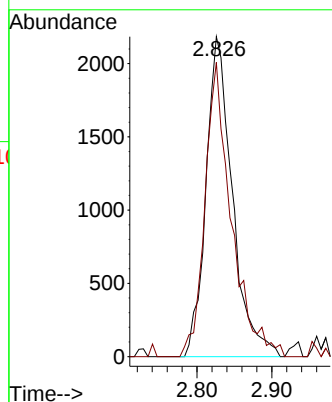
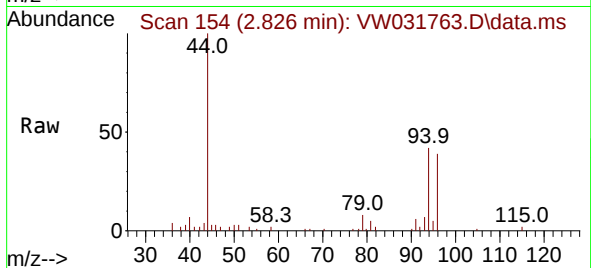




#5
Bromomethane
Concen: 2.794 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

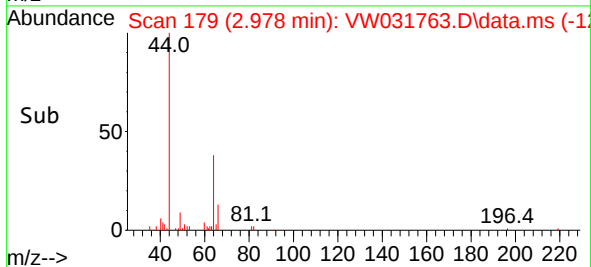
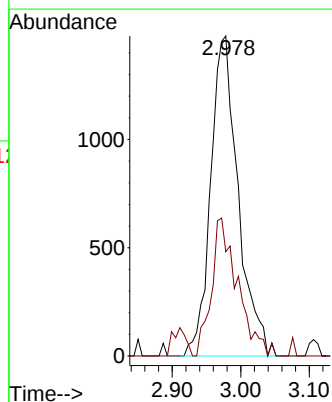
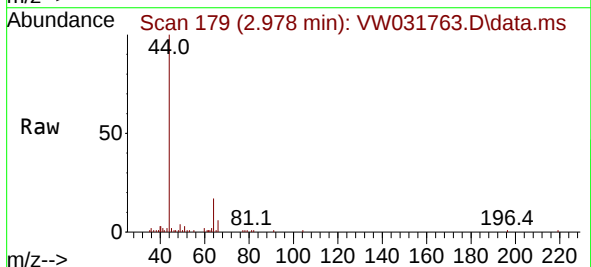
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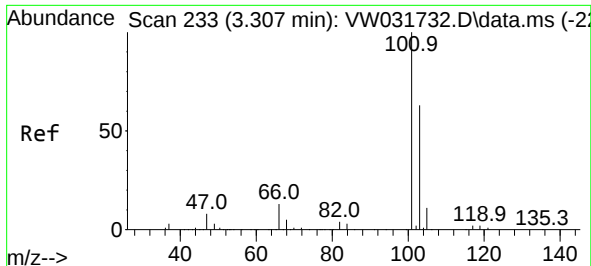
Tgt Ion: 94 Resp: 5363
Ion Ratio Lower Upper
94 100
96 91.9 75.6 113.4



#6
Chloroethane
Concen: 2.466 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 64 Resp: 4116
Ion Ratio Lower Upper
64 100
66 32.6 24.5 36.7

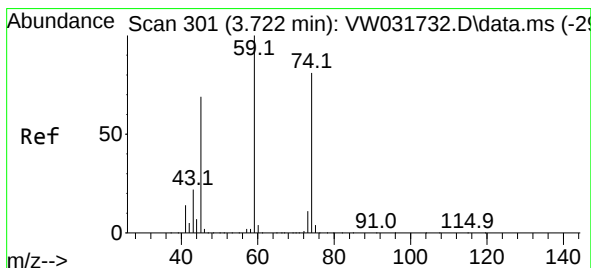
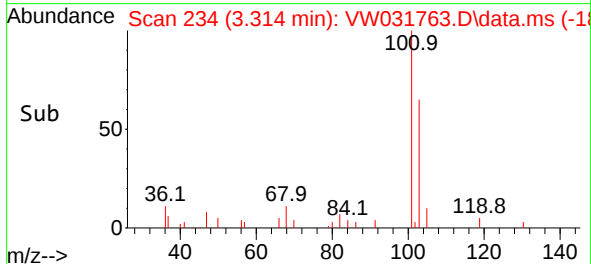
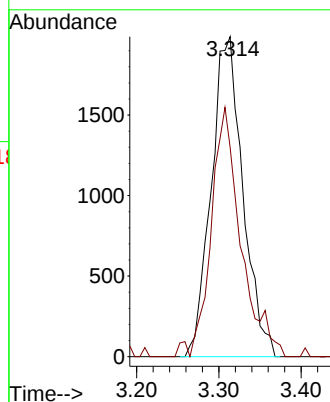
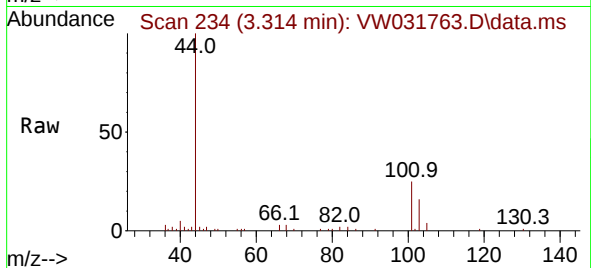




#7
 Trichlorofluoromethane
 Concen: 2.378 ug/l
 RT: 3.314 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031763.D
 Acq: 03 Jul 2025 12:45

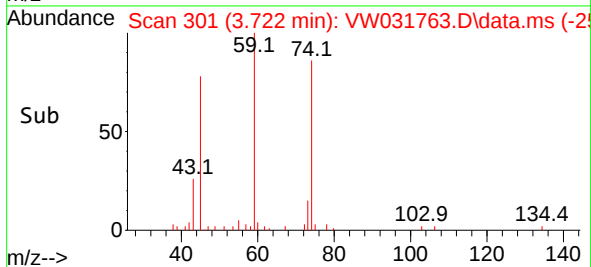
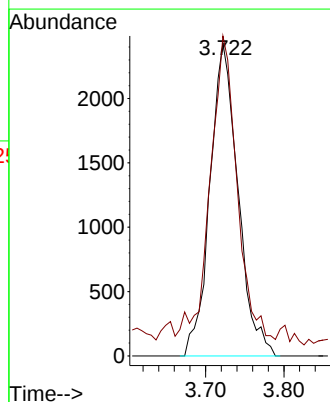
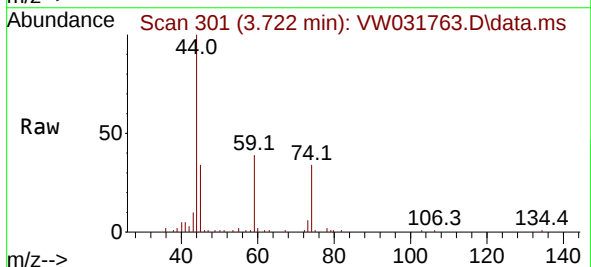
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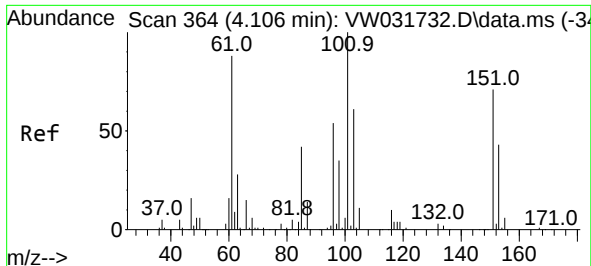
Tgt Ion:101 Resp: 5307
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 3.561 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031763.D
 Acq: 03 Jul 2025 12:45

Tgt Ion: 74 Resp: 6039
 Ion Ratio Lower Upper
 74 100
 45 94.8 43.9 131.7

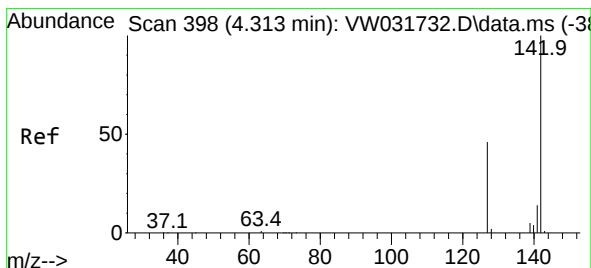
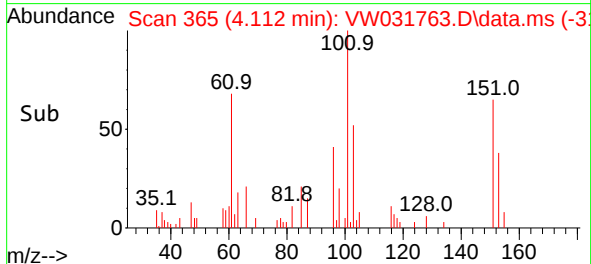
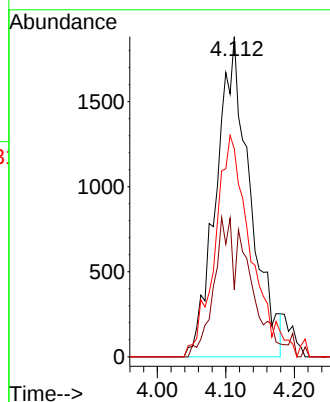
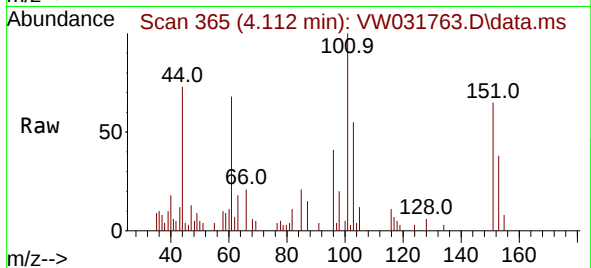




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.615 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW031763.D
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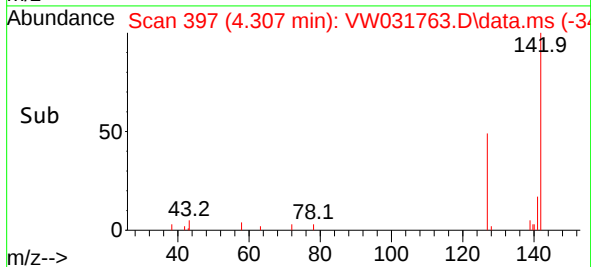
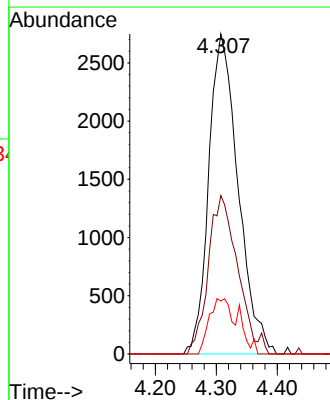
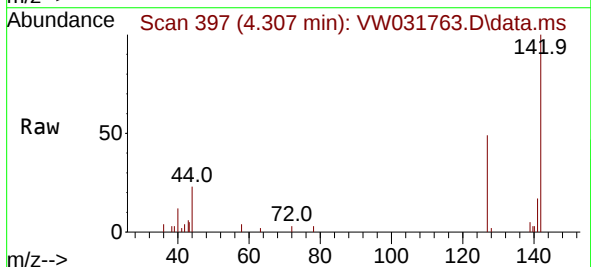
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ClientSampleId :
MDL06

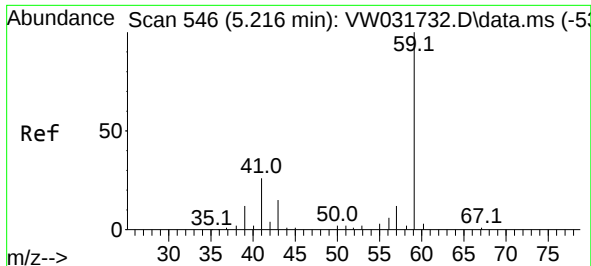
Tgt Ion:101 Resp: 6479
Ion Ratio Lower Upper
101 100
85 24.1 35.6 53.4#
151 72.9 56.8 85.2



#10
Methyl Iodide
Concen: 2.411 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion:142 Resp: 9209
Ion Ratio Lower Upper
142 100
127 49.7 37.9 56.9
141 13.3 11.7 17.5

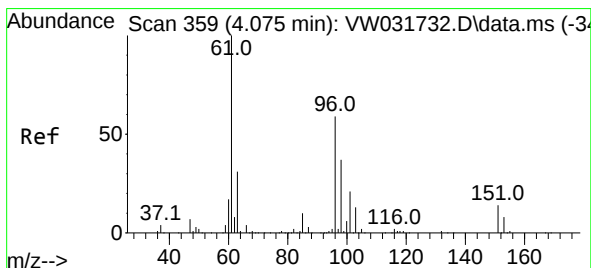
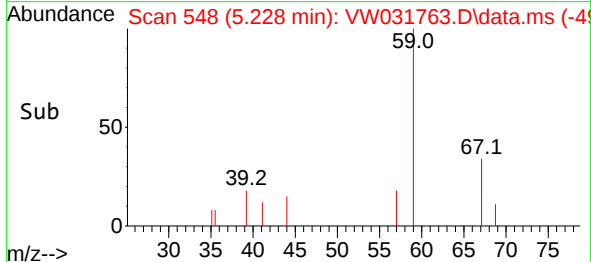
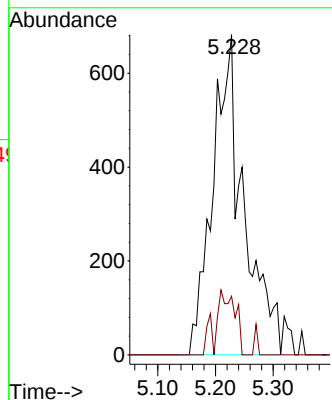
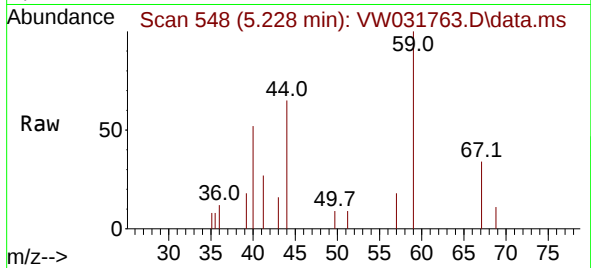




#11
Tert butyl alcohol
Concen: 12.579 ug/l m
RT: 5.228 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

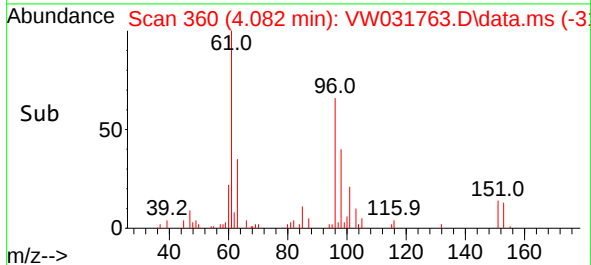
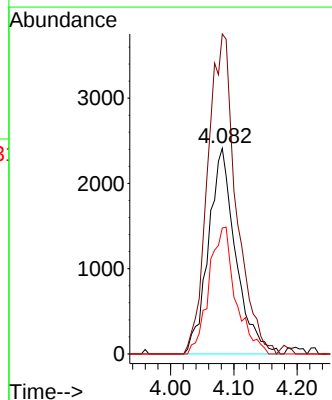
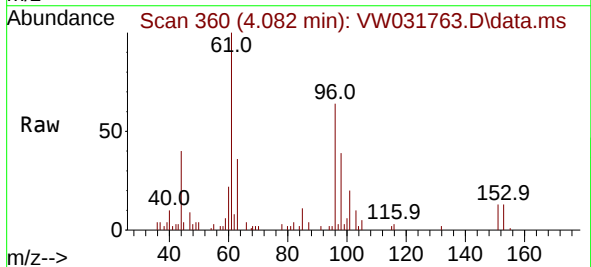
Instrument :
MSVOA_W
ClientSampleId :
MDL06

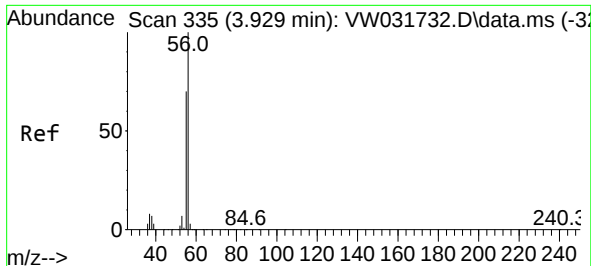
Tgt Ion: 59 Resp: 2547
Ion Ratio Lower Upper
59 100
57 10.8 9.5 14.3



#12
1,1-Dichloroethene
Concen: 2.658 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 96 Resp: 7214
Ion Ratio Lower Upper
96 100
61 155.6 135.8 203.8
98 61.2 50.4 75.6

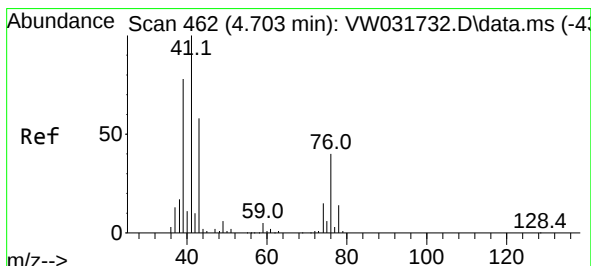
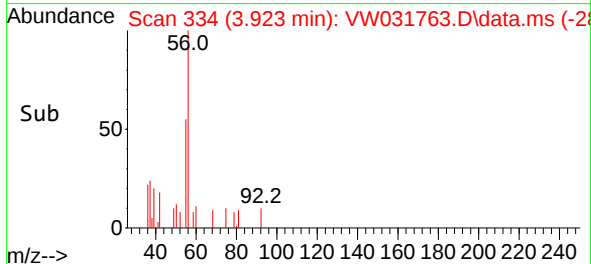
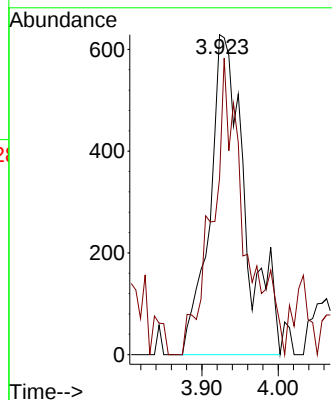
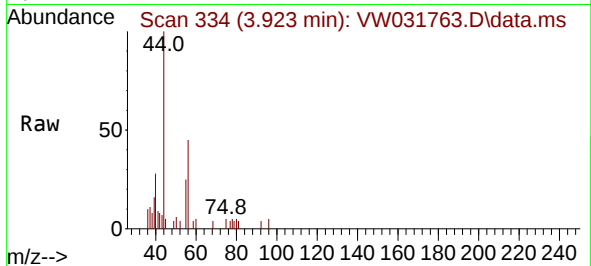




#13
Acrolein
Concen: 5.562 ug/l m
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

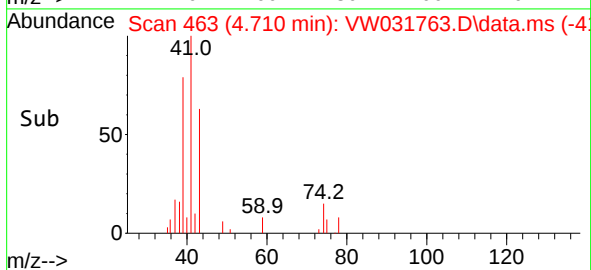
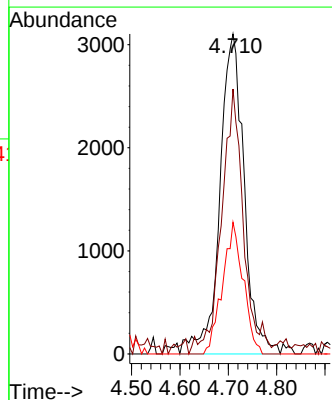
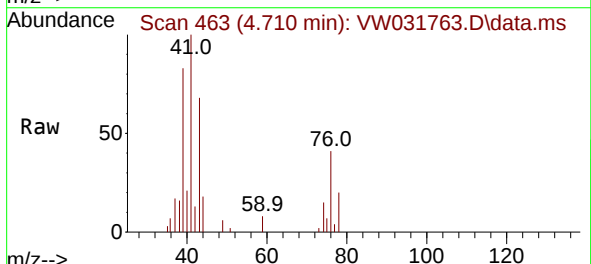
Instrument :
MSVOA_W
ClientSampleId :
MDL06

Tgt Ion: 56 Resp: 2024
Ion Ratio Lower Upper
56 100
55 84.2 54.0 81.0#



#14
Allyl chloride
Concen: 2.596 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 41 Resp: 10810
Ion Ratio Lower Upper
41 100
39 65.0 60.7 91.1
76 35.2 30.3 45.5

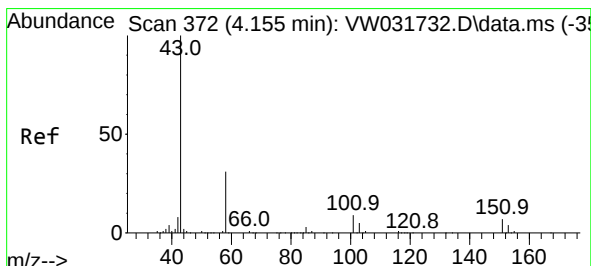
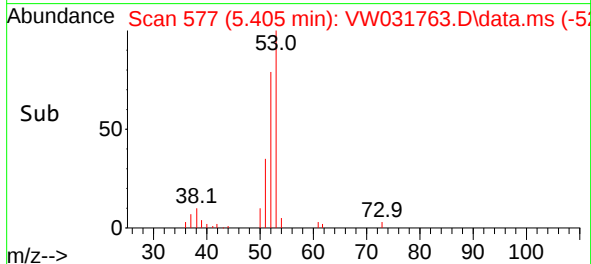
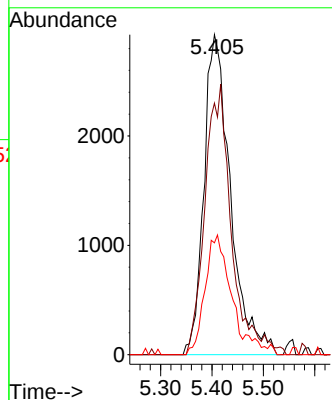
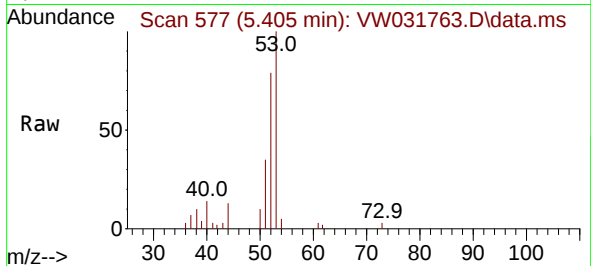




#15
Acrylonitrile
Concen: 12.598 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

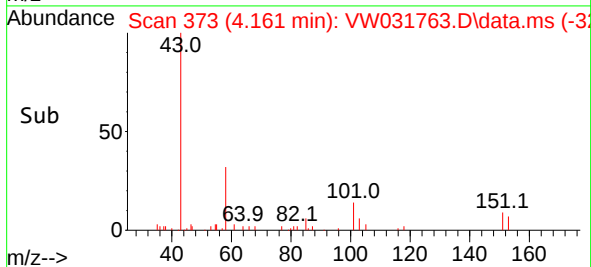
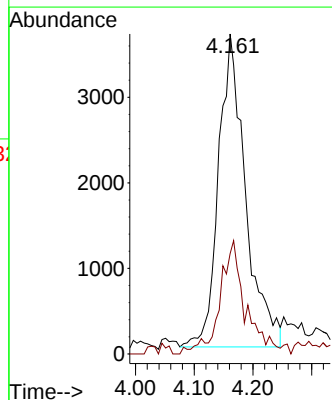
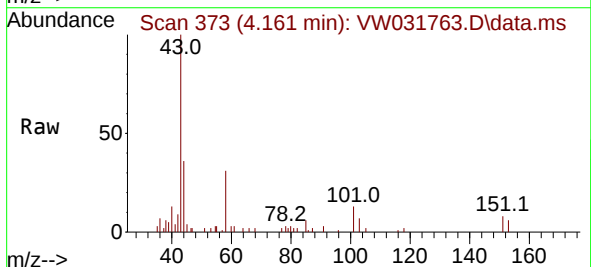
Instrument :
MSVOA_W
ClientSampleId :
MDL06

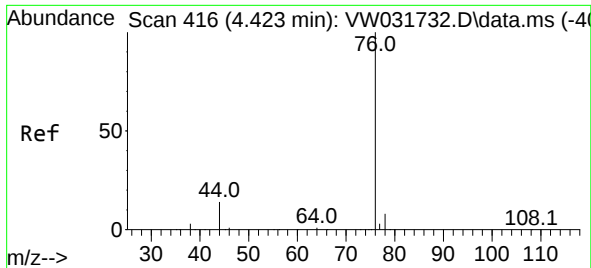
Tgt Ion:	53	Resp:	10507
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.4	99.6
51	34.3	29.9	44.9



#16
Acetone
Concen: 14.521 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion:	43	Resp:	11730
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.8	37.2

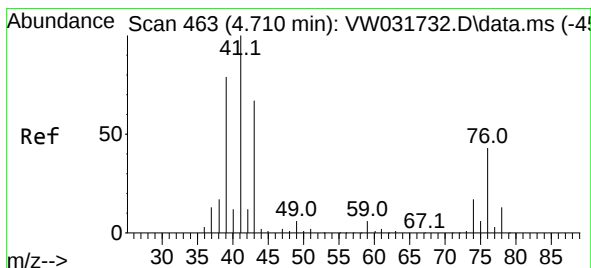
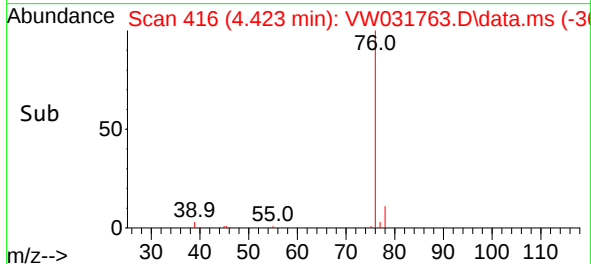
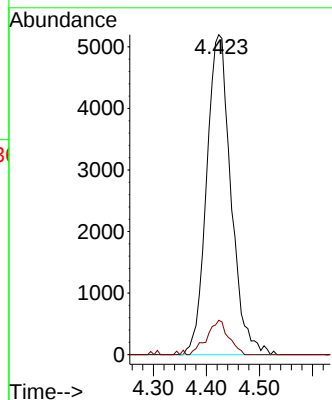
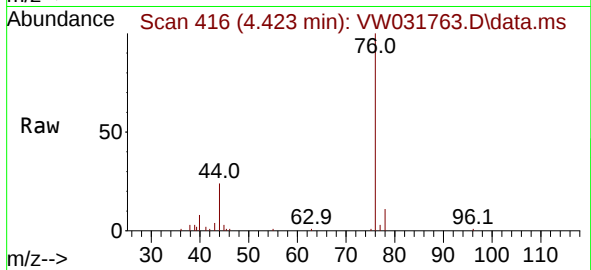




#17
Carbon Disulfide
Concen: 2.285 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

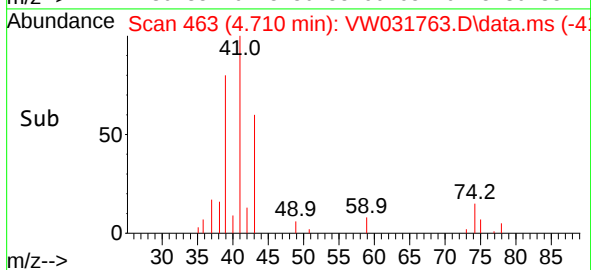
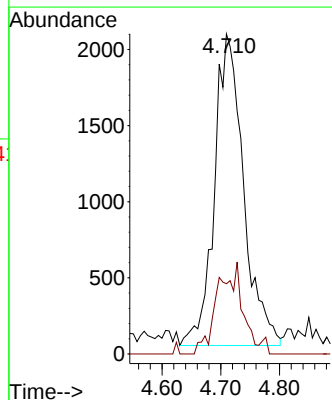
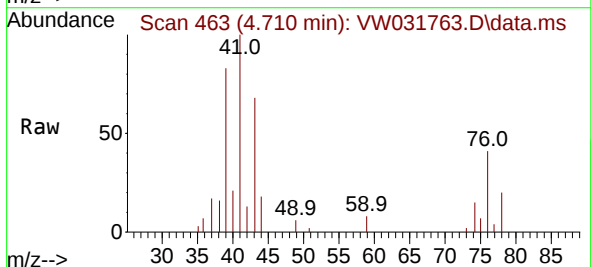
Instrument :
MSVOA_W
ClientSampleId :
MDL06

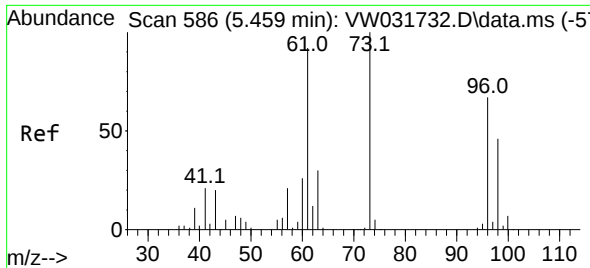
Tgt Ion: 76 Resp: 16589
Ion Ratio Lower Upper
76 100
78 10.8 6.6 10.0#



#18
Methyl Acetate
Concen: 3.056 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 43 Resp: 7056
Ion Ratio Lower Upper
43 100
74 12.3 20.6 30.8#

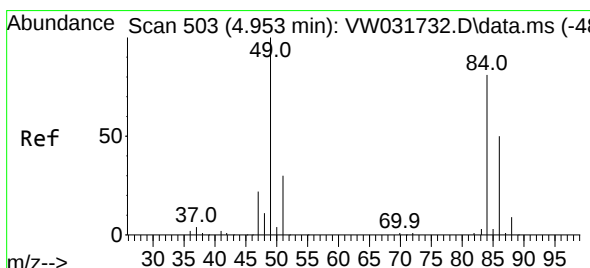
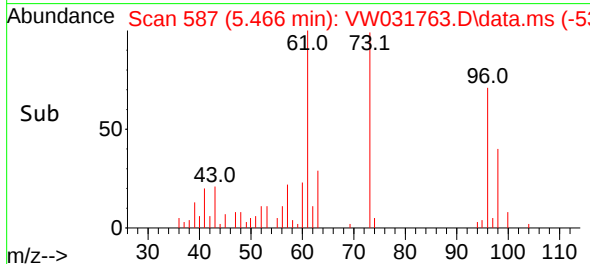
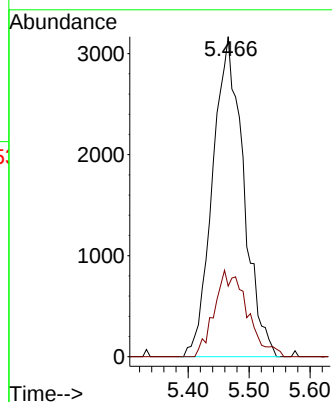
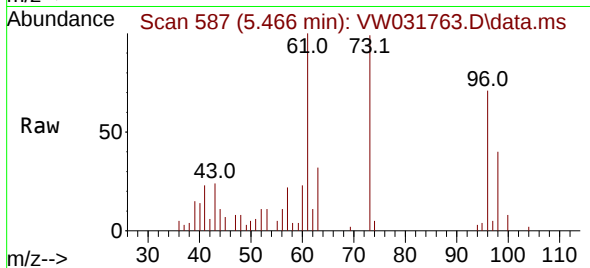




#19
Methyl tert-butyl Ether
Concen: 2.421 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

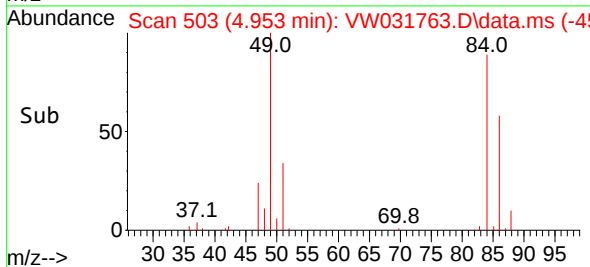
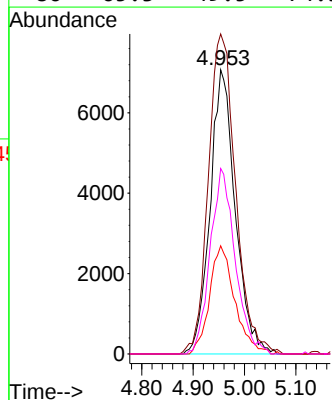
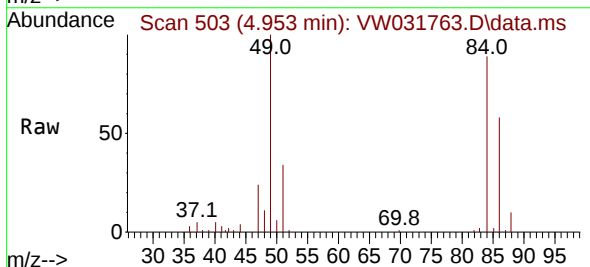
Instrument :
MSVOA_W
ClientSampleId :
MDL06

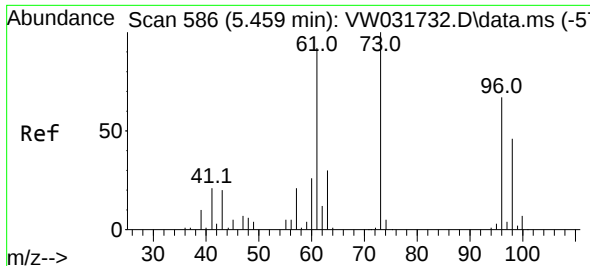
Tgt Ion: 73 Resp: 11152
Ion Ratio Lower Upper
73 100
57 22.1 17.2 25.8



#20
Methylene Chloride
Concen: 6.479 ug/l
RT: 4.953 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 84 Resp: 24036
Ion Ratio Lower Upper
84 100
49 112.6 98.2 147.4
51 38.1 29.8 44.8
86 65.3 49.5 74.3



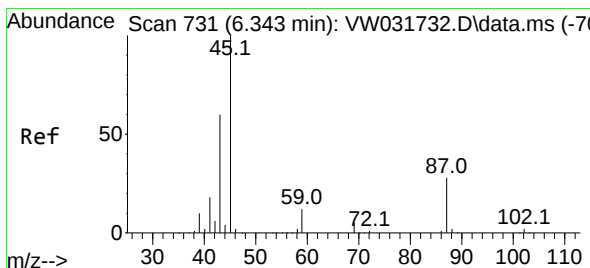
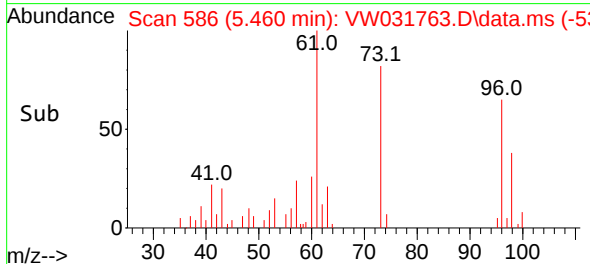
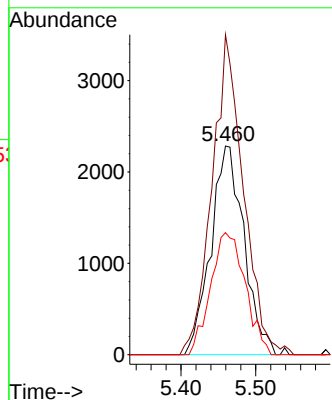
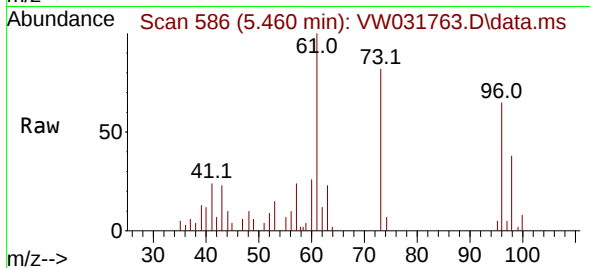


#21
trans-1,2-Dichloroethene
Concen: 2.444 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Instrument :
MSVOA_W
ClientSampleId :
MDL06

Tgt Ion: 96 Resp: 7046

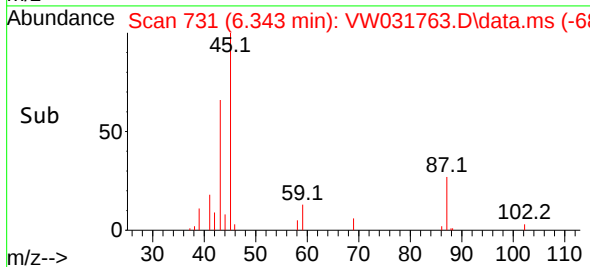
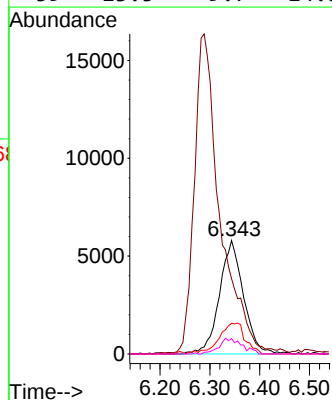
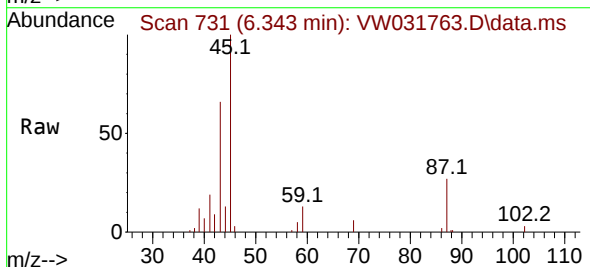
Ion	Ratio	Lower	Upper
96	100		
61	153.4	109.8	164.6
98	58.5	54.9	82.3



#22
Diisopropyl ether
Concen: 2.385 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 45 Resp: 19370

Ion	Ratio	Lower	Upper
45	100		
43	61.8	48.3	72.5
87	27.1	22.6	34.0
59	13.5	9.7	14.5

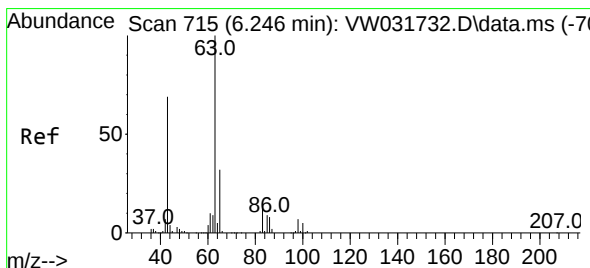
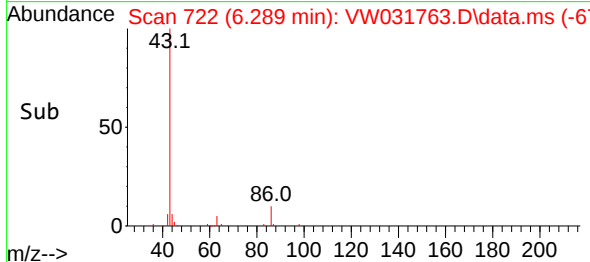
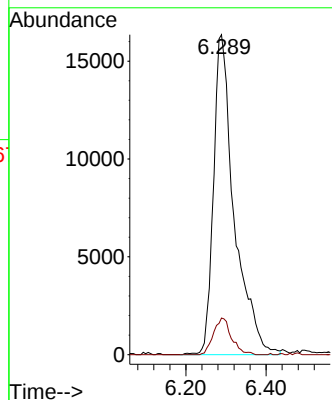
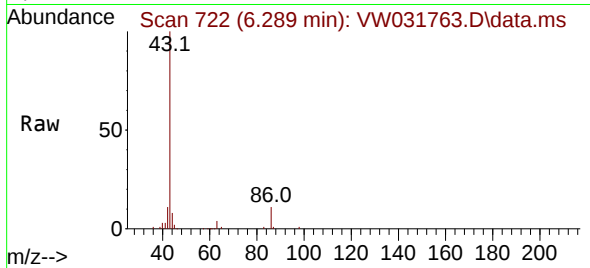




#23
 Vinyl Acetate
 Concen: 10.583 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW031763.D
 Acq: 03 Jul 2025 12:45

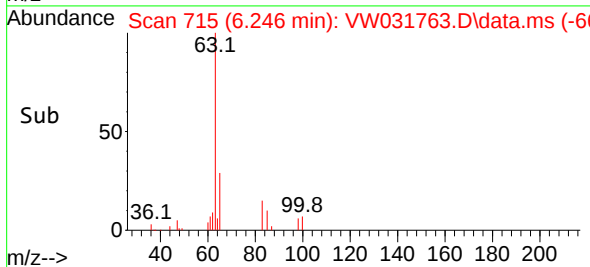
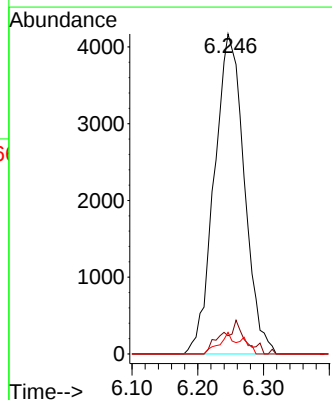
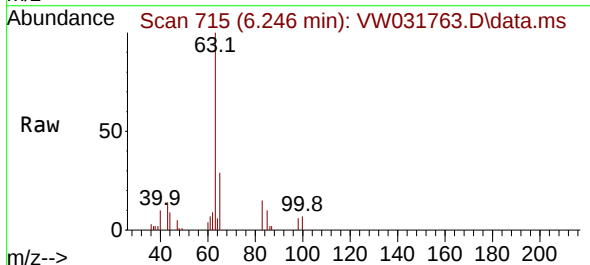
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

Tgt Ion: 43 Resp: 58700
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 2.506 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031763.D
 Acq: 03 Jul 2025 12:45

Tgt Ion: 63 Resp: 13194
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.6
 100 6.7 2.5 7.5





#25

2-Butanone

Concen: 12.213 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

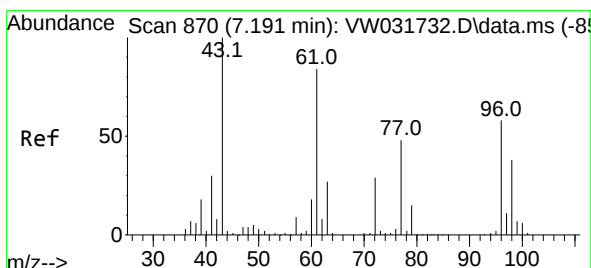
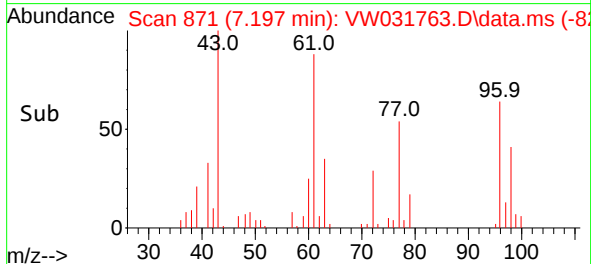
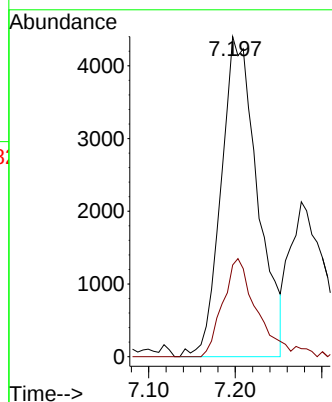
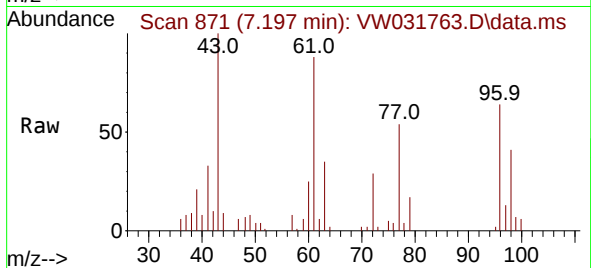
MDL06

Tgt Ion: 43 Resp: 12835

Ion Ratio Lower Upper

43 100

72 28.7 23.0 34.6



#26

2,2-Dichloropropane

Concen: 2.420 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031763.D

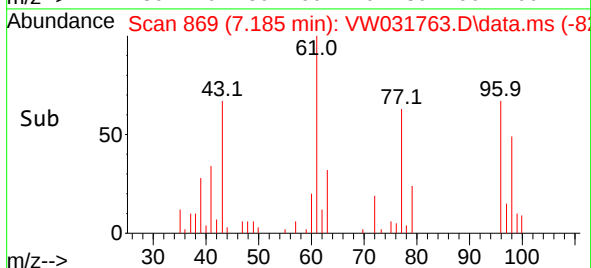
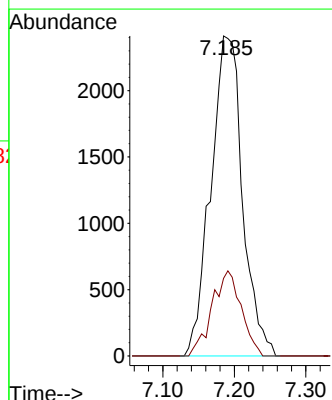
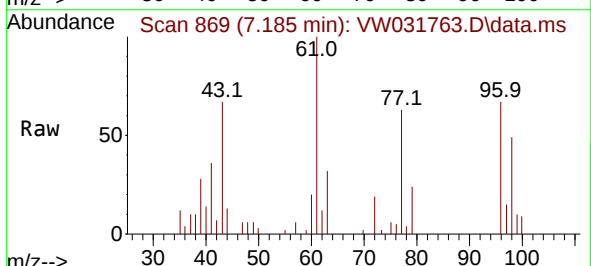
Acq: 03 Jul 2025 12:45

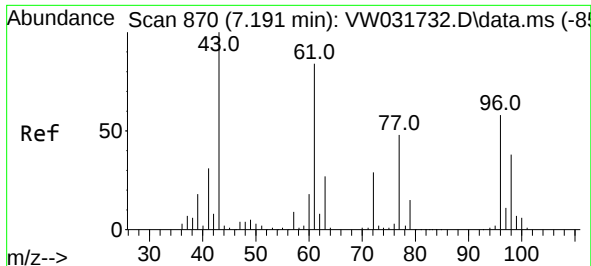
Tgt Ion: 77 Resp: 7433

Ion Ratio Lower Upper

77 100

97 24.6 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 2.385 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

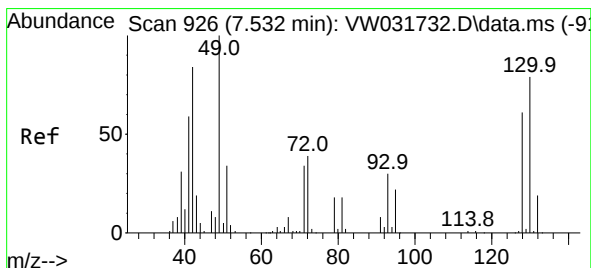
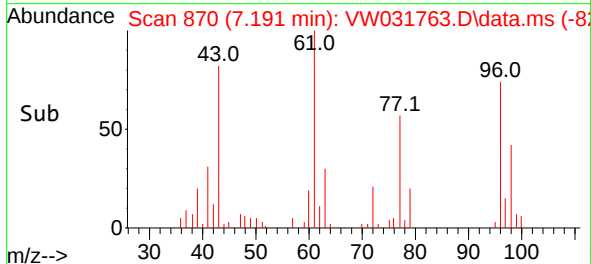
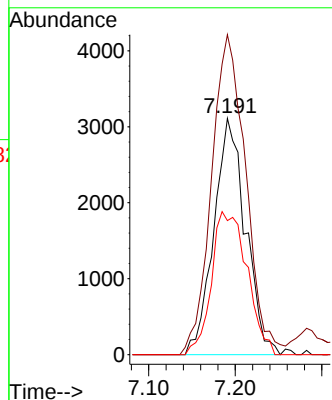
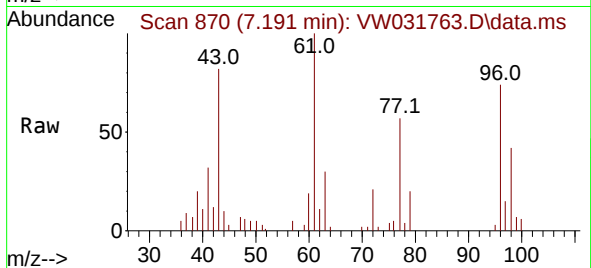
Tgt Ion: 96 Resp: 7904

Ion Ratio Lower Upper

96 100

61 146.5 0.0 286.8

98 67.9 0.0 130.4



#28

Bromochloromethane

Concen: 2.576 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

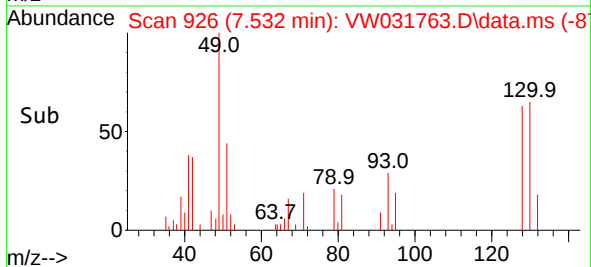
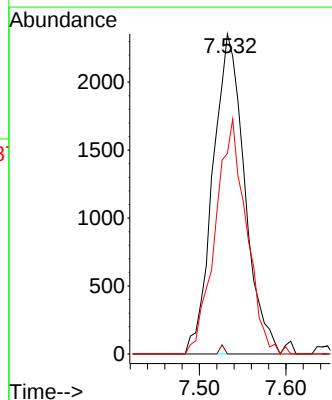
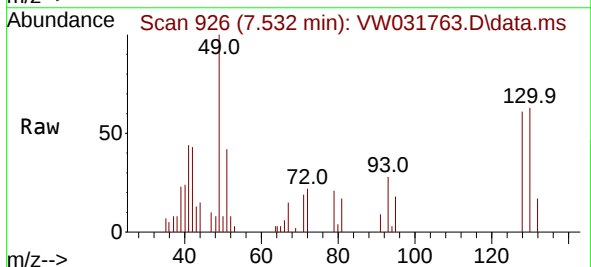
Tgt Ion: 49 Resp: 5985

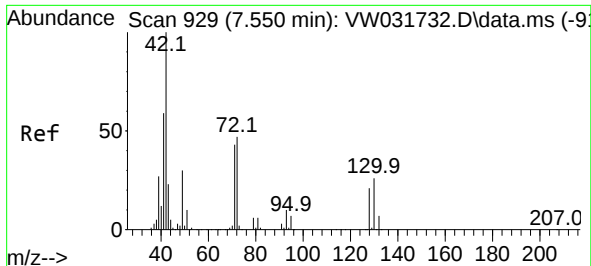
Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.4

130 72.0 61.3 91.9





#29

Tetrahydrofuran

Concen: 12.067 ug/l

RT: 7.563 min Scan# 91

Delta R.T. 0.012 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

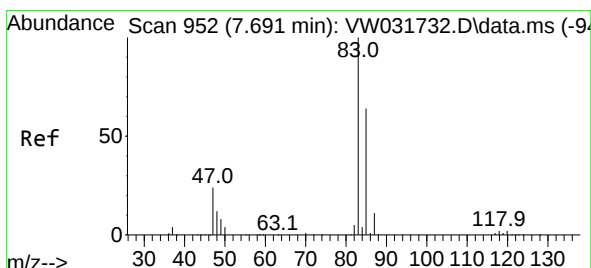
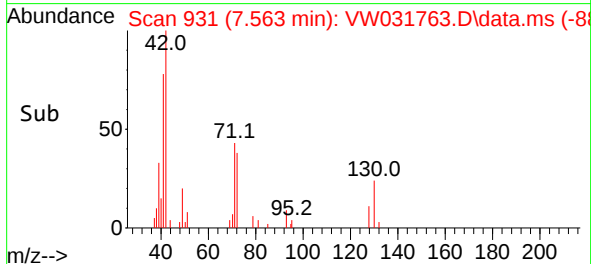
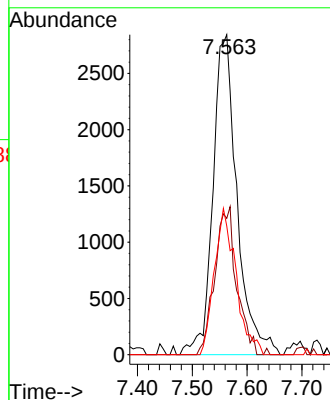
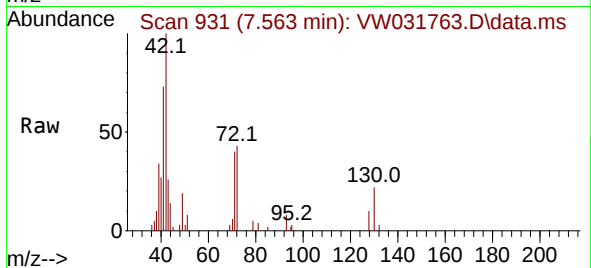
Tgt Ion: 42 Resp: 8685

Ion Ratio Lower Upper

42 100

72 41.9 36.8 55.2

71 41.3 34.6 52.0



#30

Chloroform

Concen: 2.453 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031763.D

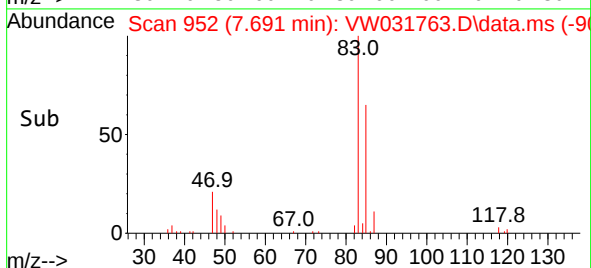
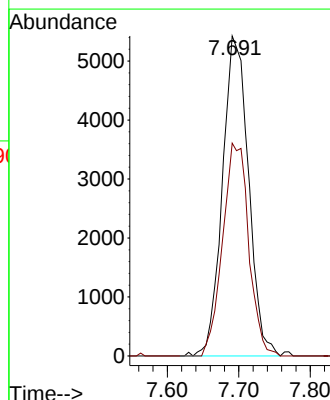
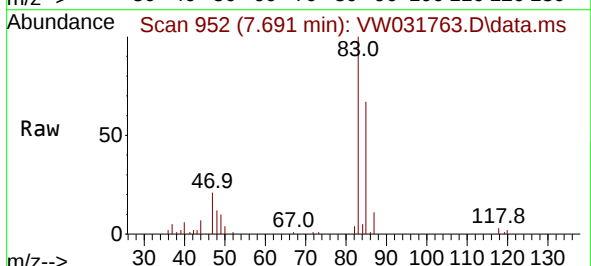
Acq: 03 Jul 2025 12:45

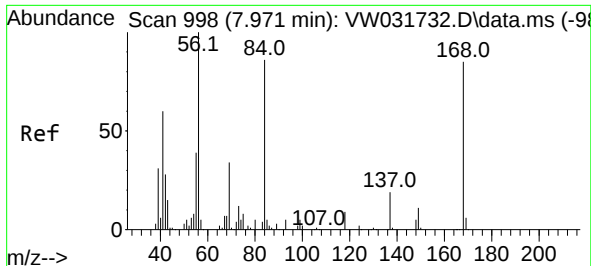
Tgt Ion: 83 Resp: 13722

Ion Ratio Lower Upper

83 100

85 66.5 51.4 77.0

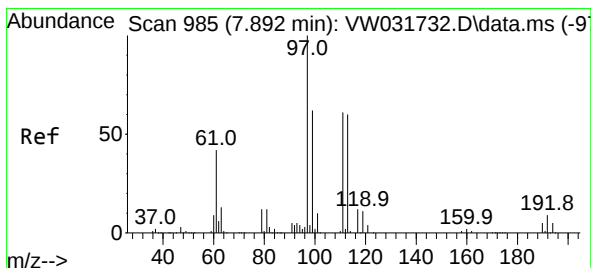
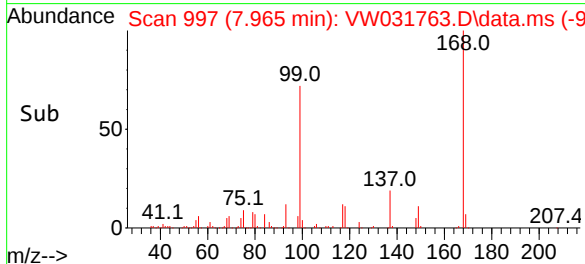
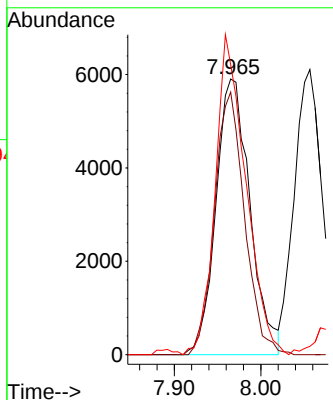
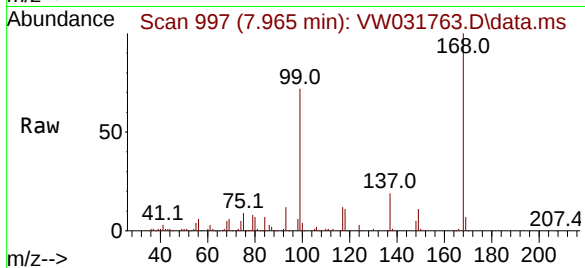




#31
Cyclohexane
Concen: 3.464 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

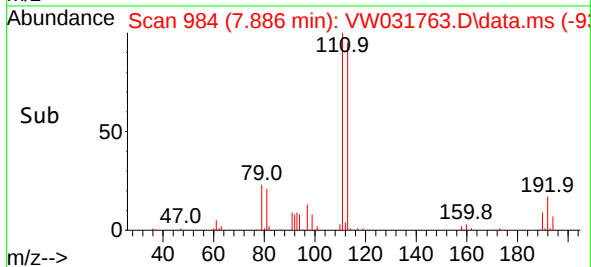
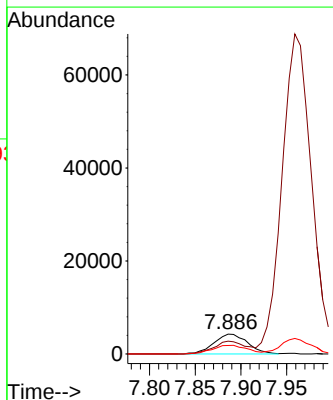
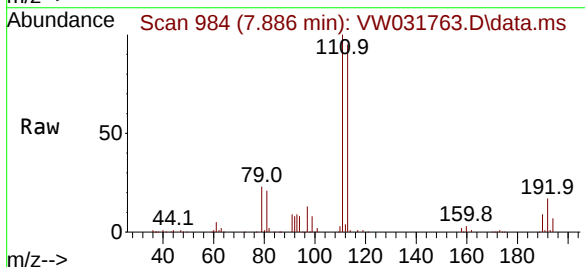
Instrument :
MSVOA_W
ClientSampleId :
MDL06

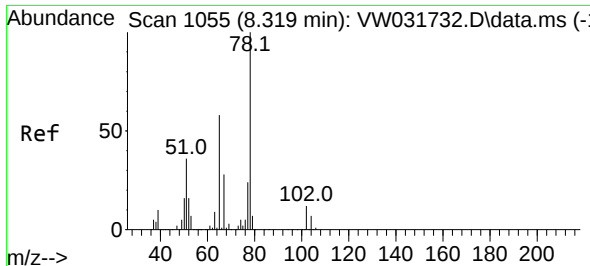
Tgt Ion: 56 Resp: 16119
Ion Ratio Lower Upper
56 100
69 95.3 27.2 40.8#
84 104.1 68.5 102.7#



#32
1,1,1-Trichloroethane
Concen: 2.543 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 97 Resp: 10961
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.6
61 45.1 36.0 54.0

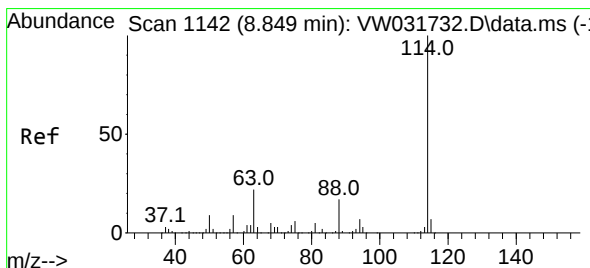
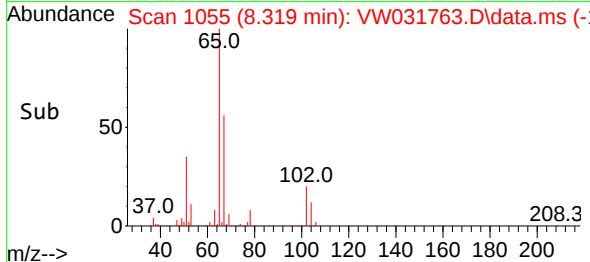
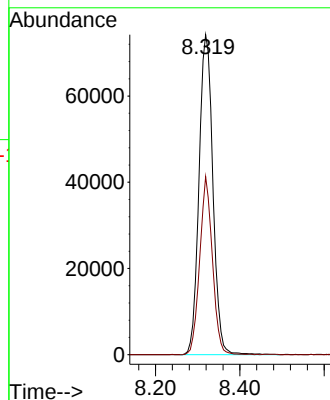
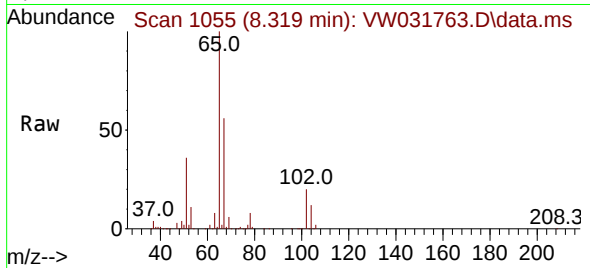




#33
 1,2-Dichloroethane-d4
 Concen: 52.108 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031763.D
 Acq: 03 Jul 2025 12:45

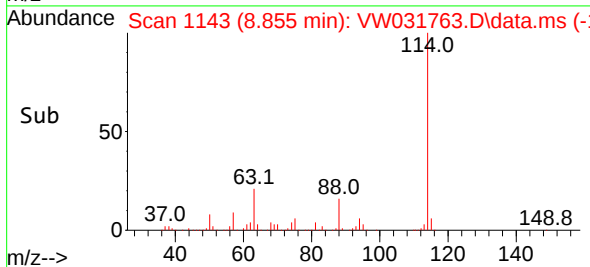
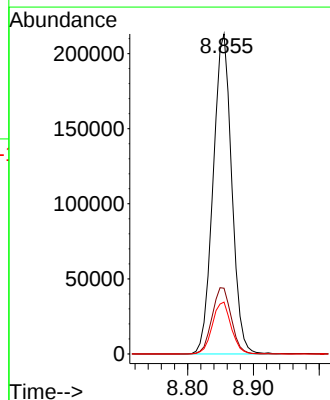
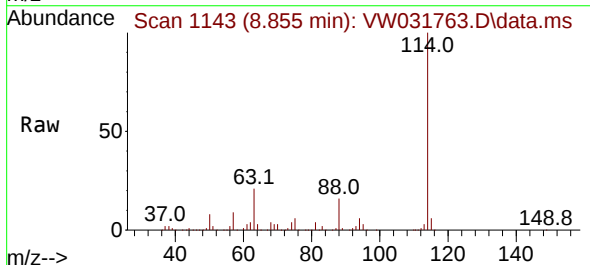
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

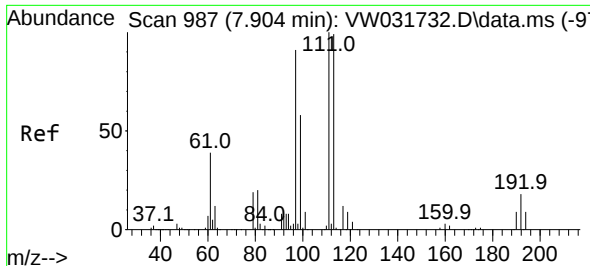
Tgt Ion: 65 Resp: 170304
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031763.D
 Acq: 03 Jul 2025 12:45

Tgt Ion: 114 Resp: 418856
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.6
 88 16.2 0.0 34.2

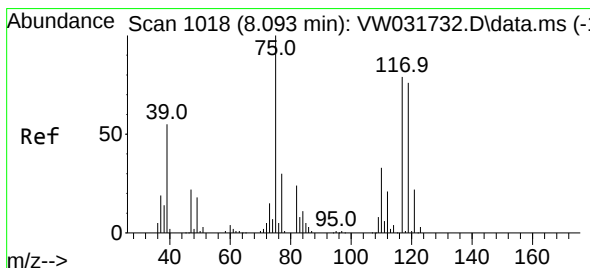
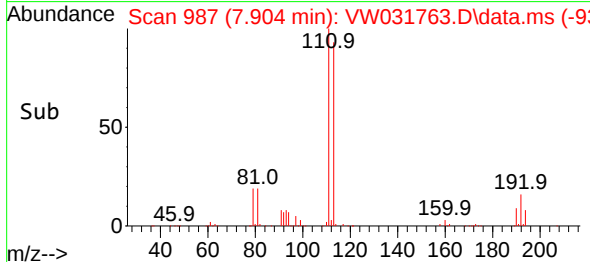
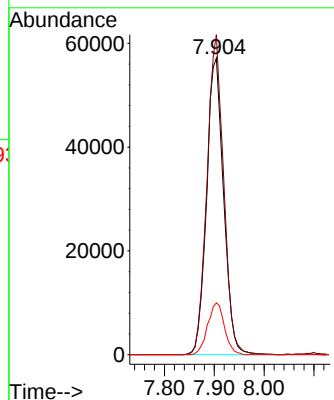
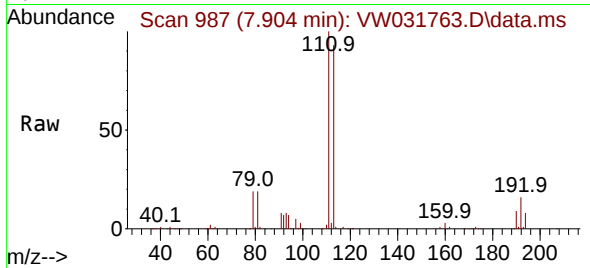




#35
Dibromofluoromethane
Concen: 49.540 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

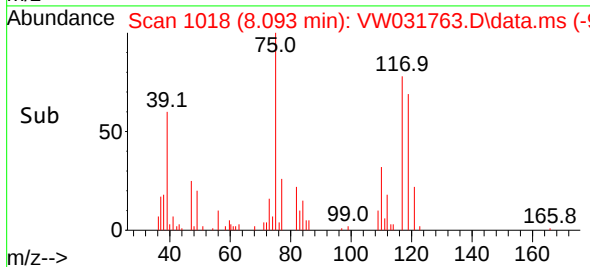
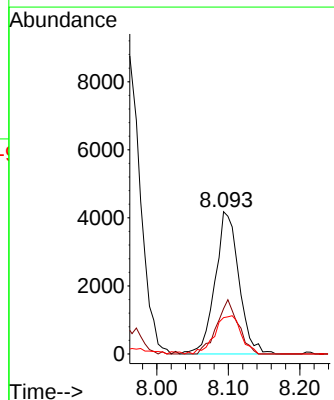
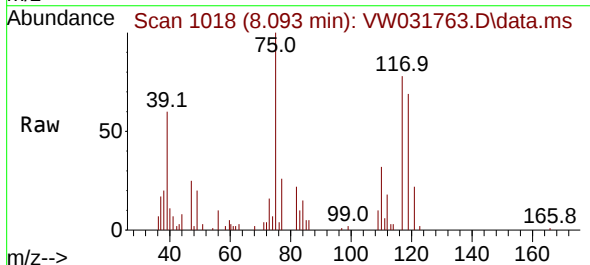
Instrument :
MSVOA_W
ClientSampleId :
MDL06

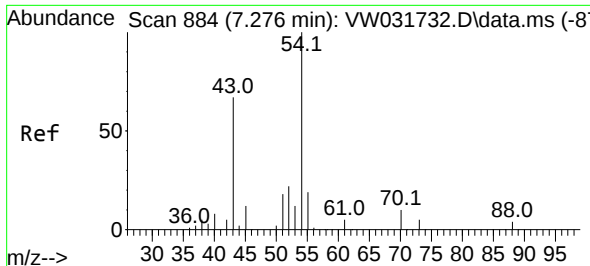
Tgt Ion:113 Resp: 135403
Ion Ratio Lower Upper
113 100
111 105.8 82.1 123.1
192 17.3 13.8 20.6



#36
1,1-Dichloropropene
Concen: 2.438 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 75 Resp: 9641
Ion Ratio Lower Upper
75 100
110 34.5 16.8 50.4
77 29.9 25.0 37.6

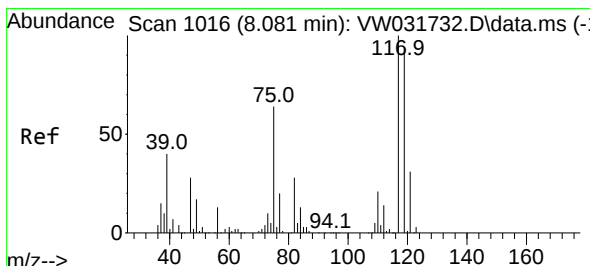
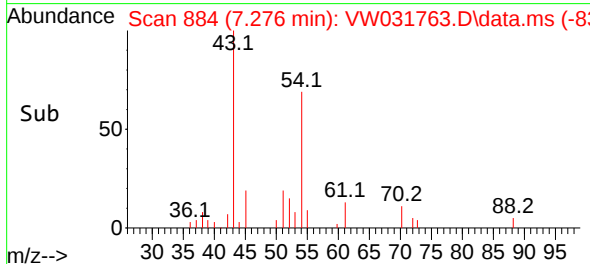
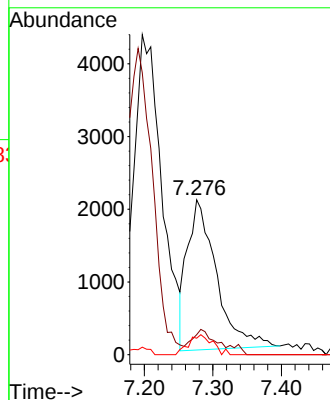
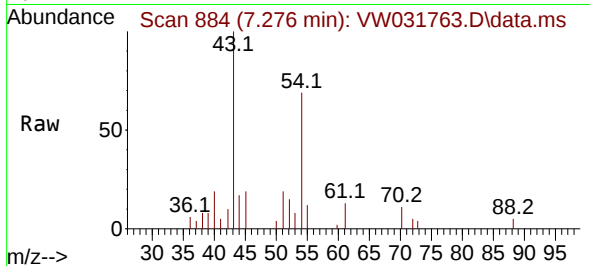




#37
Ethyl Acetate
Concen: 2.445 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

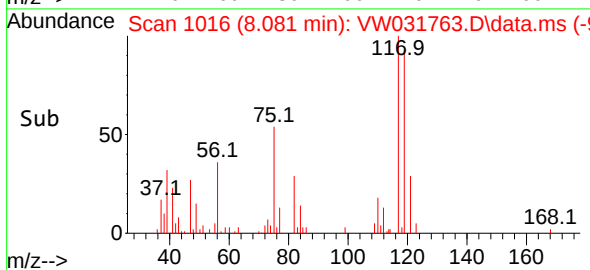
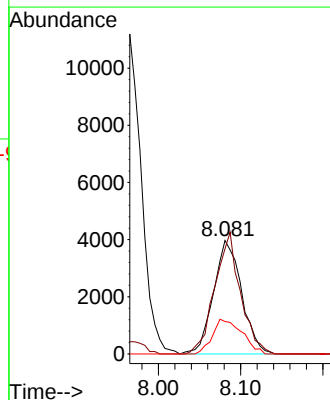
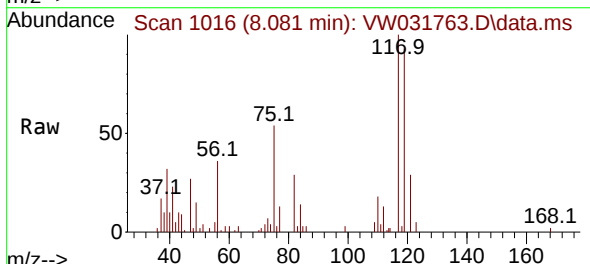
Instrument :
MSVOA_W
ClientSampleId :
MDL06

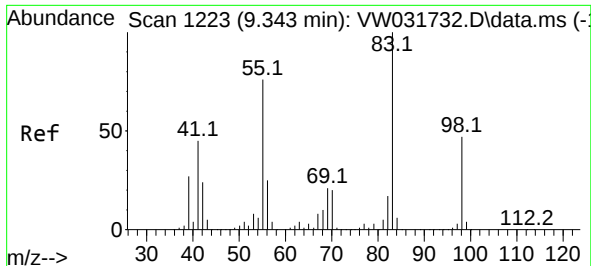
Tgt Ion:	43	Resp:	6101
Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.9	16.3
70	10.8	9.2	13.8



#38
Carbon Tetrachloride
Concen: 2.344 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion:	117	Resp:	9447
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.0	112.6
121	28.6	24.6	37.0





#39

Methylcyclohexane

Concen: 2.467 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

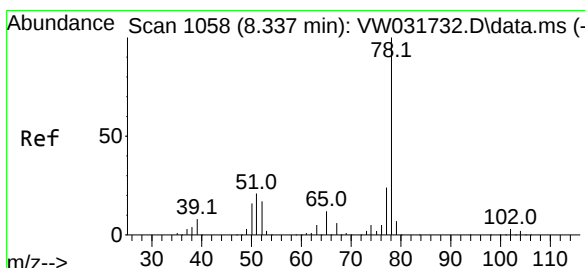
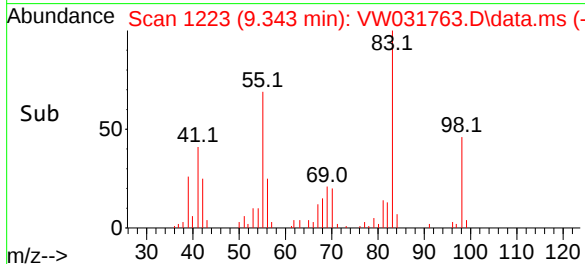
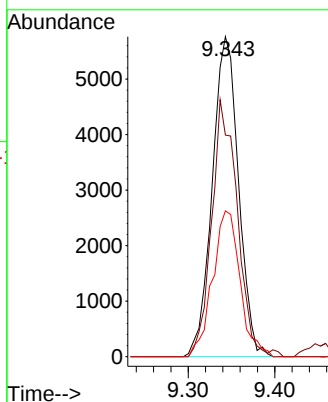
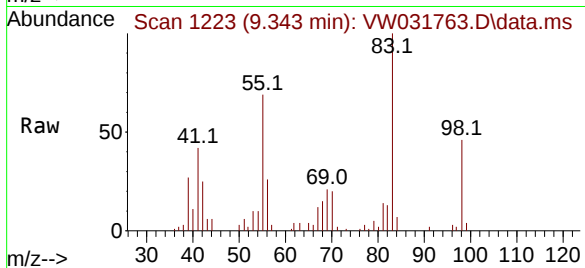
Tgt Ion: 83 Resp: 12138

Ion Ratio Lower Upper

83 100

55 69.3 61.0 91.4

98 45.5 37.9 56.9



#40

Benzene

Concen: 2.422 ug/l

RT: 8.343 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VW031763.D

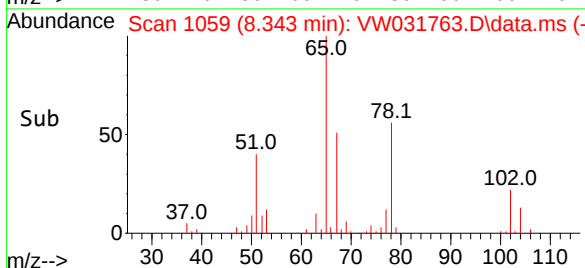
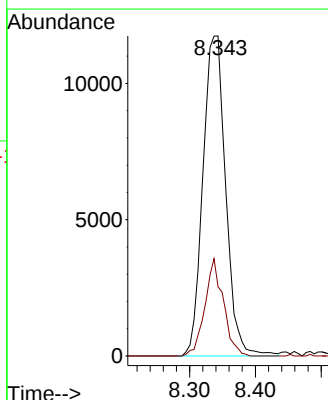
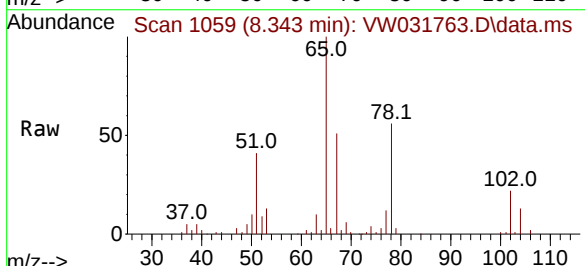
Acq: 03 Jul 2025 12:45

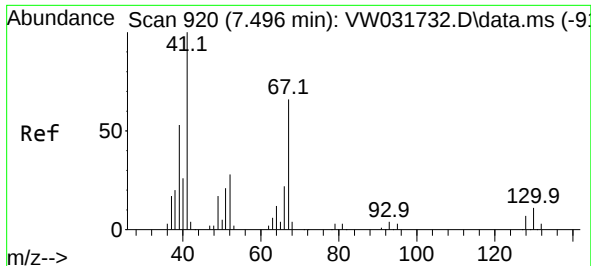
Tgt Ion: 78 Resp: 28347

Ion Ratio Lower Upper

78 100

77 21.6 19.2 28.8

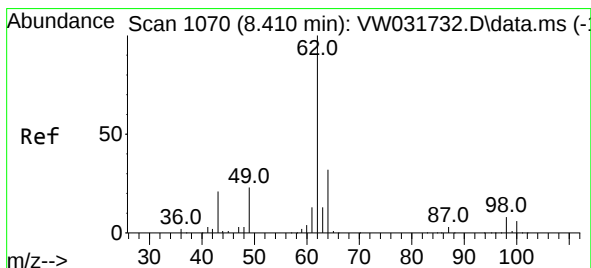
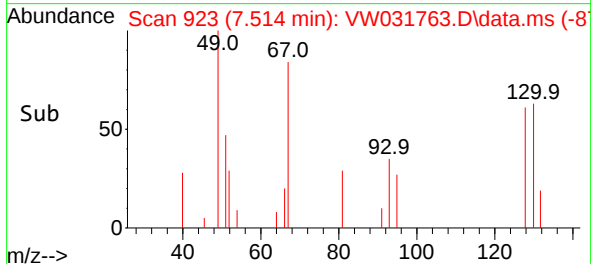
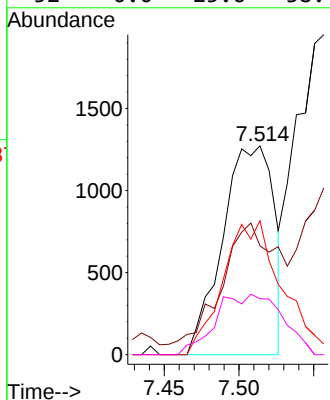
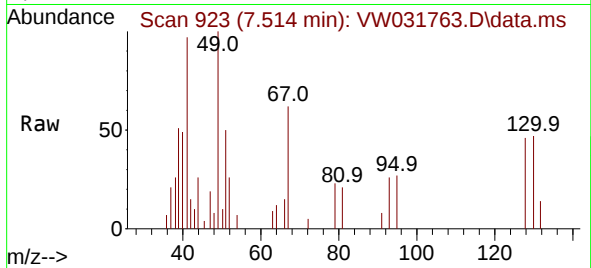




#41
Methacrylonitrile
Concen: 2.289 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.018 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

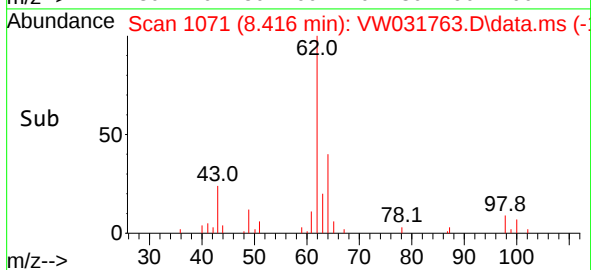
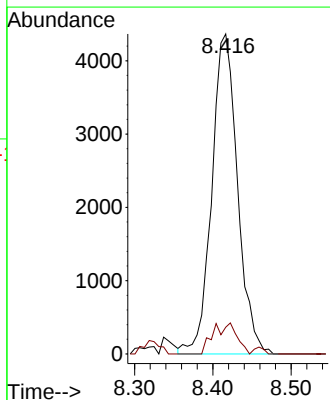
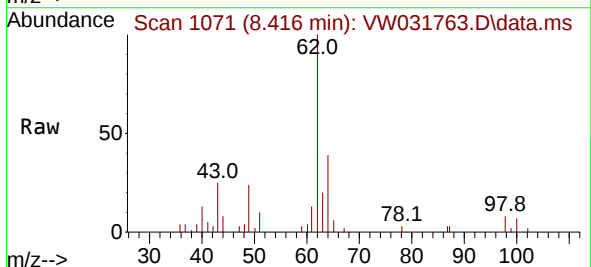
Instrument :
MSVOA_W
ClientSampleId :
MDL06

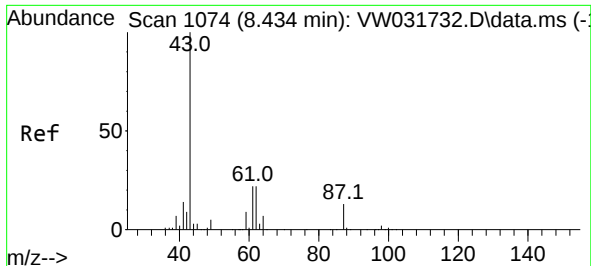
Tgt Ion: 41 Resp: 3059
Ion Ratio Lower Upper
41 100
39 68.5 43.2 64.8#
67 72.3 58.1 87.1
52 0.0 25.6 38.4#



#42
1,2-Dichloroethane
Concen: 2.522 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 62 Resp: 9973
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.2

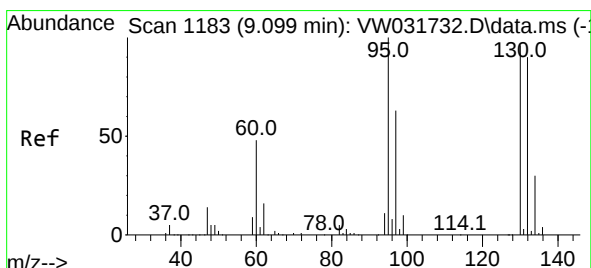
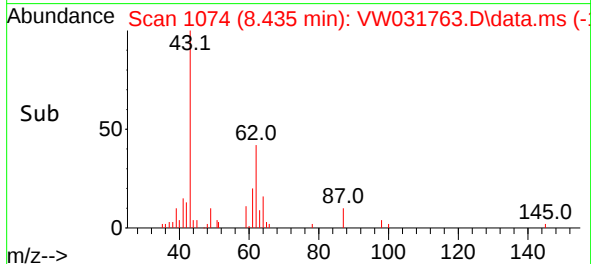
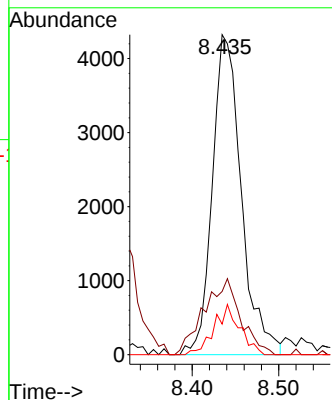
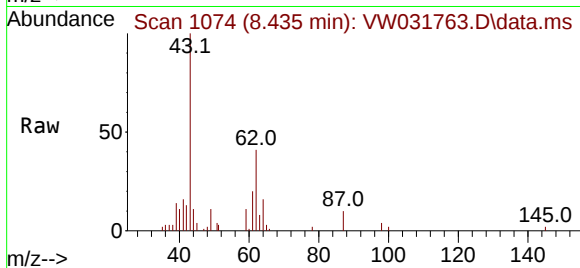




#43
Isopropyl Acetate
Concen: 2.335 ug/l
RT: 8.435 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

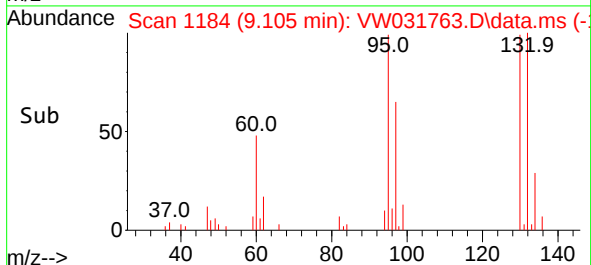
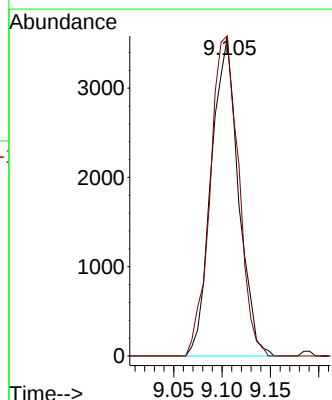
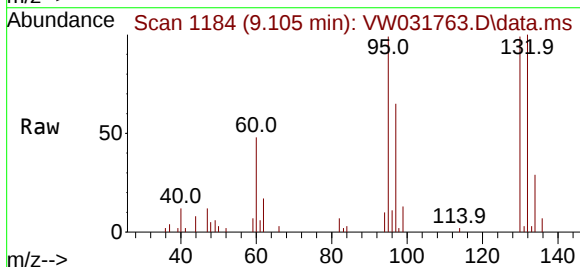
Instrument :
MSVOA_W
ClientSampleId :
MDL06

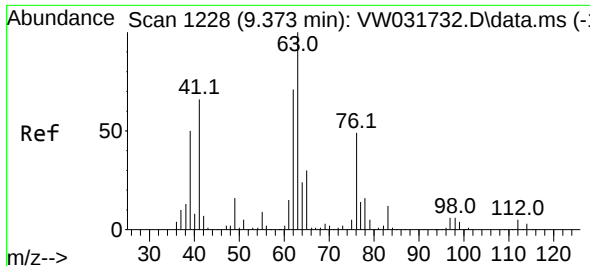
Tgt Ion: 43	Resp: 10042
Ion Ratio	Lower Upper
43 100	
61 30.1	23.1 34.7
87 13.9	10.8 16.2



#44
Trichloroethene
Concen: 2.389 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion:130	Resp:	6977	
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	208.6





#45

1,2-Dichloropropane

Concen: 2.390 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

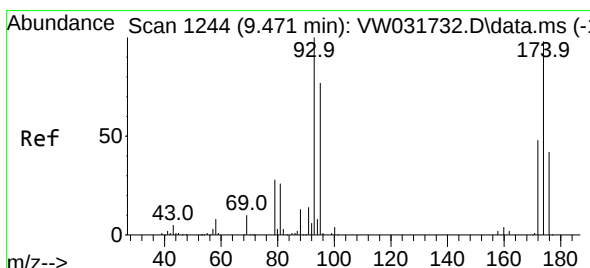
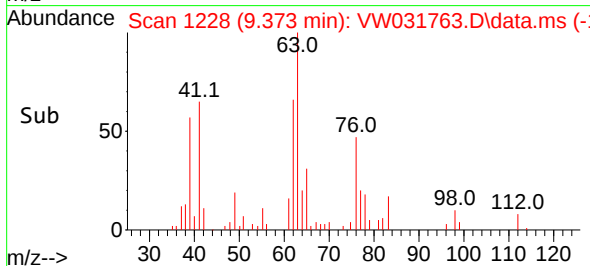
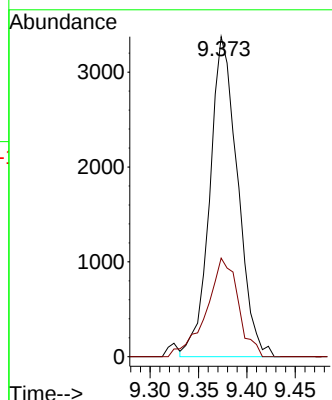
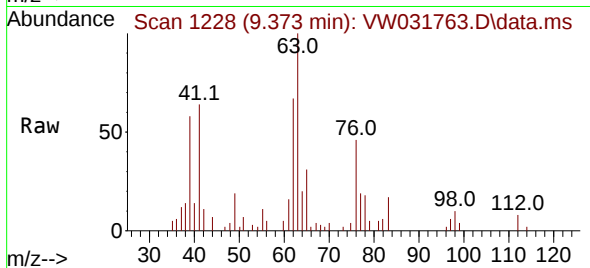
MDL06

Tgt Ion: 63 Resp: 6760

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.4



#46

Dibromomethane

Concen: 2.357 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

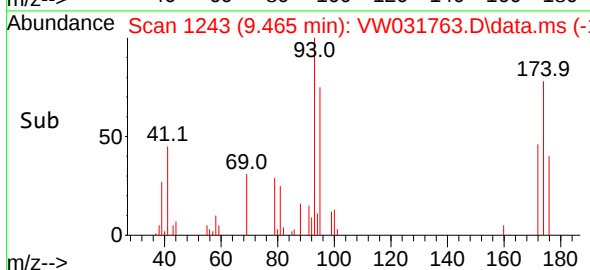
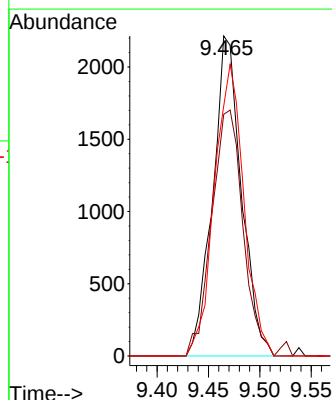
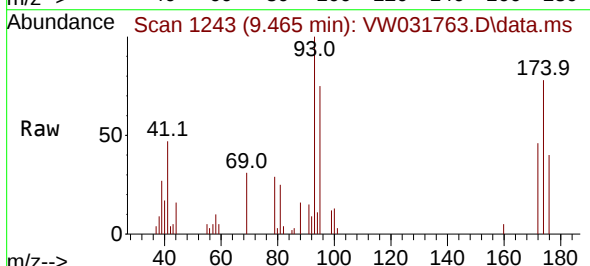
Tgt Ion: 93 Resp: 4303

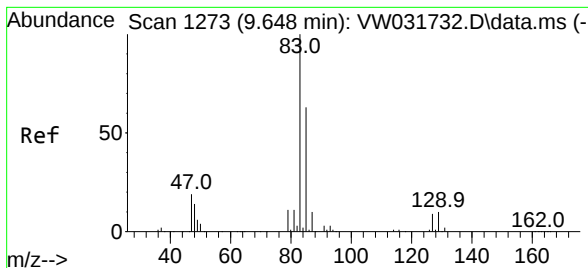
Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

174 93.8 71.7 107.5





#47

Bromodichloromethane

Concen: 2.284 ug/l

RT: 9.654 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

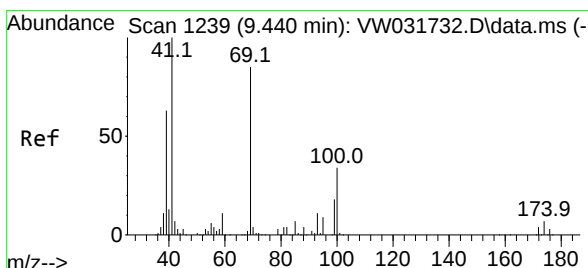
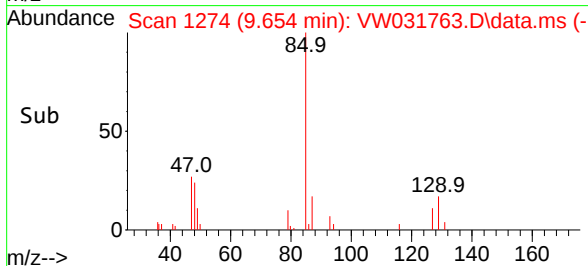
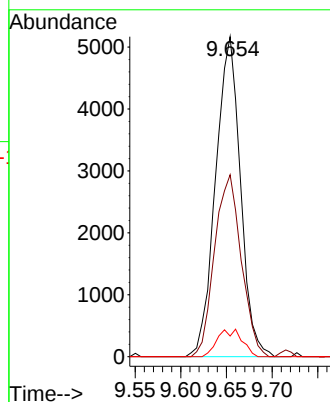
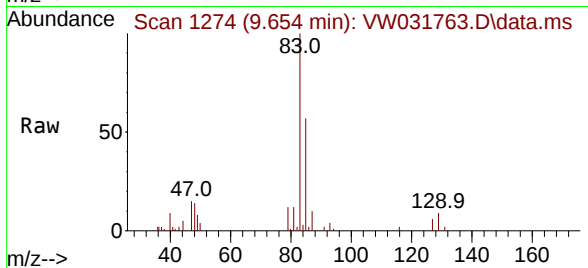
Tgt Ion: 83 Resp: 9777

Ion Ratio Lower Upper

83 100

85 56.9 50.8 76.2

127 6.5 6.8 10.2#



#48

Methyl methacrylate

Concen: 2.382 ug/l m

RT: 9.447 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

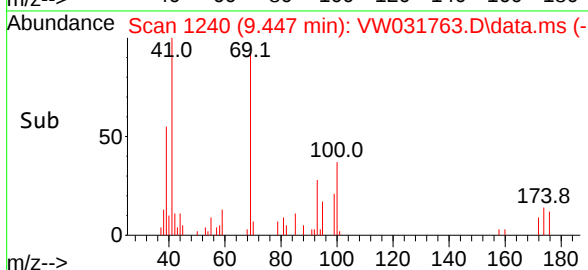
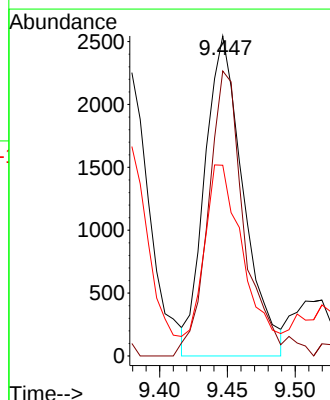
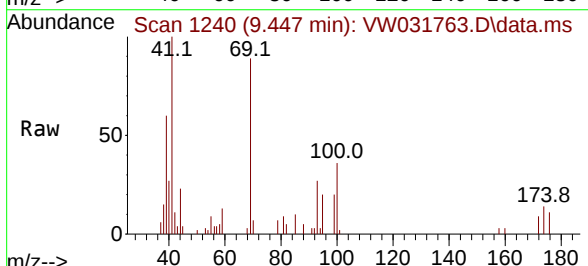
Tgt Ion: 41 Resp: 5038

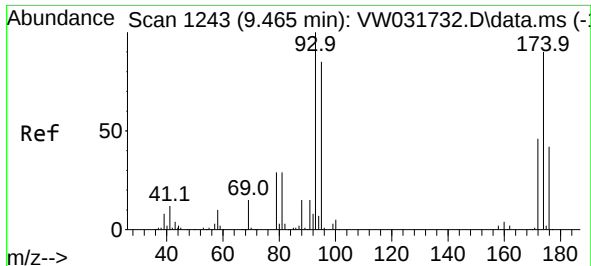
Ion Ratio Lower Upper

41 100

69 84.0 71.6 107.4

39 50.2 49.5 74.3

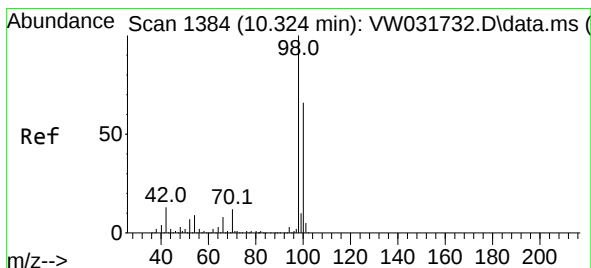
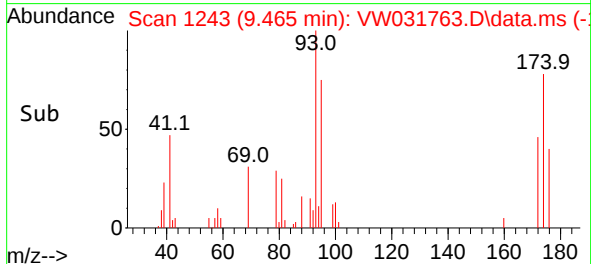
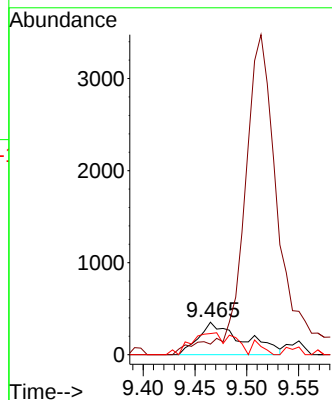
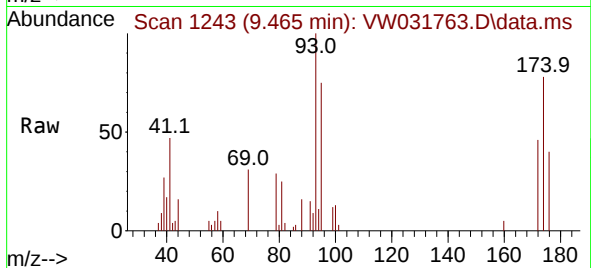




#49
 1,4-Dioxane
 Concen: 49.101 ug/l m
 RT: 9.465 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW031763.D
 Acq: 03 Jul 2025 12:45

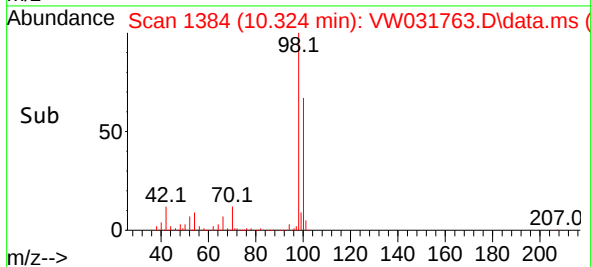
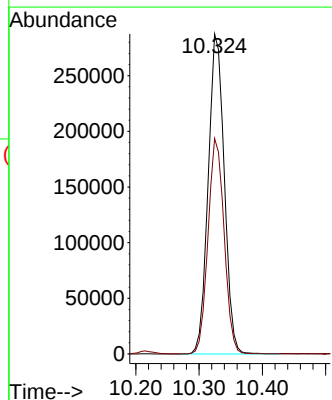
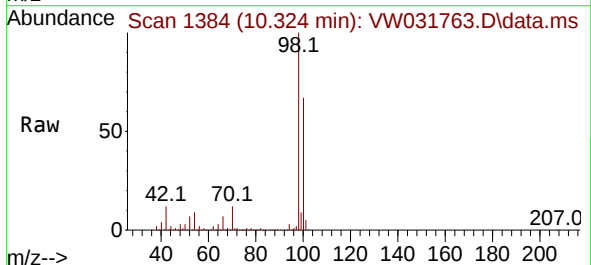
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL06

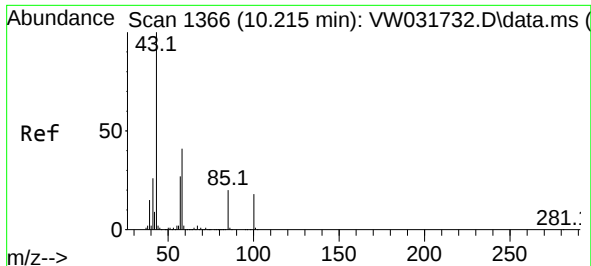
Tgt Ion: 88 Resp: 1050
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 46.1 58.3 87.5#



#50
 Toluene-d8
 Concen: 50.076 ug/l
 RT: 10.324 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW031763.D
 Acq: 03 Jul 2025 12:45

Tgt Ion: 98 Resp: 509343
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.0 79.4

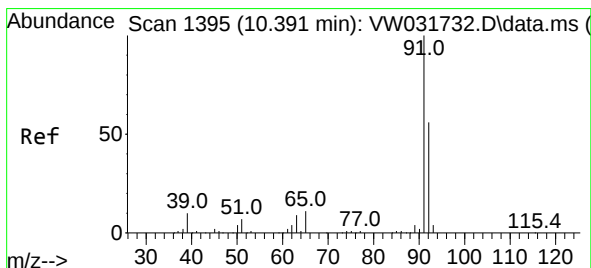
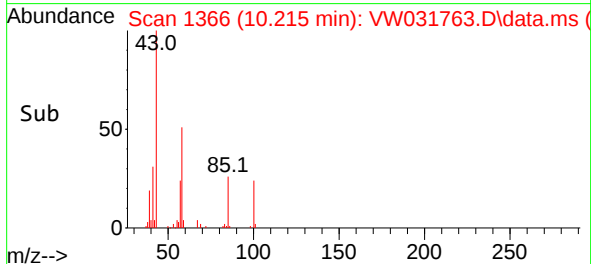
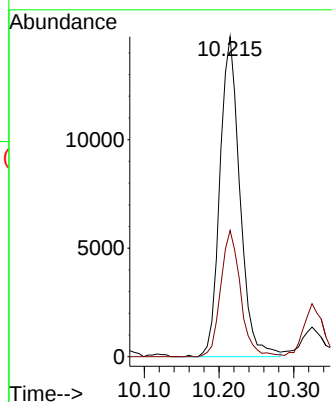
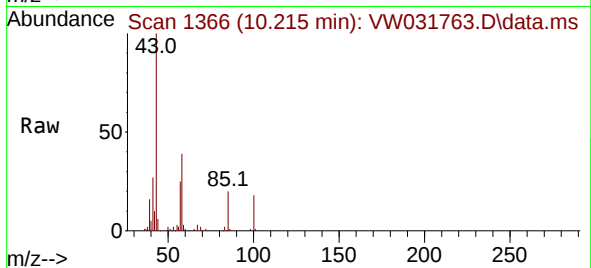




#51
4-Methyl-2-Pentanone
Concen: 11.097 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

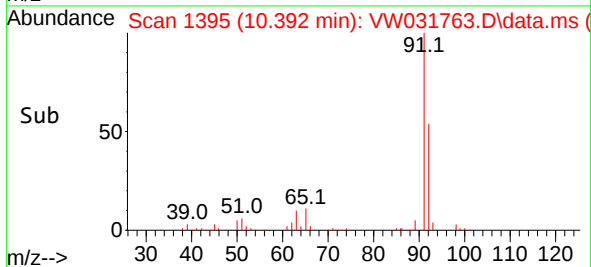
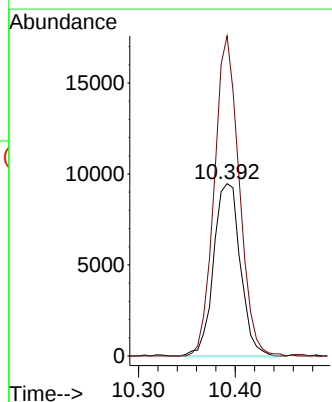
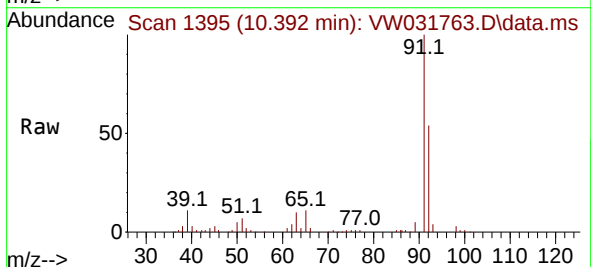
Instrument :
MSVOA_W
ClientSampleId :
MDL06

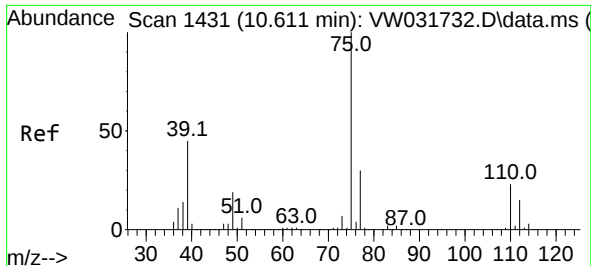
Tgt Ion: 43 Resp: 27439
Ion Ratio Lower Upper
43 100
58 39.1 32.2 48.2



#52
Toluene
Concen: 2.425 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 92 Resp: 18166
Ion Ratio Lower Upper
92 100
91 173.1 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 2.221 ug/l

RT: 10.611 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

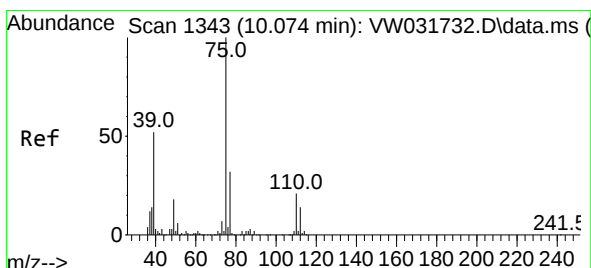
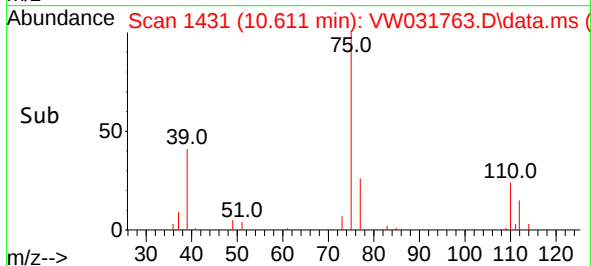
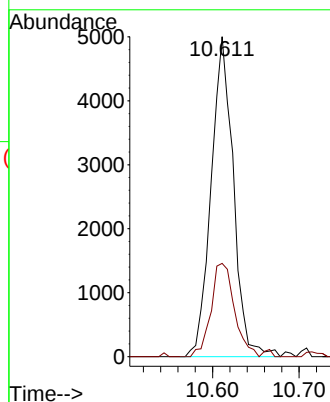
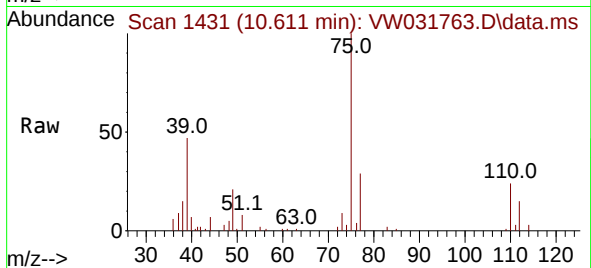
MDL06

Tgt Ion: 75 Resp: 8924

Ion Ratio Lower Upper

75 100

77 29.1 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 2.150 ug/l

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

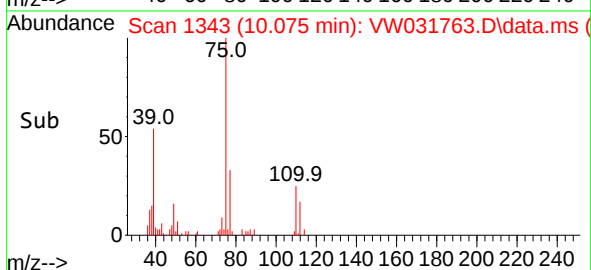
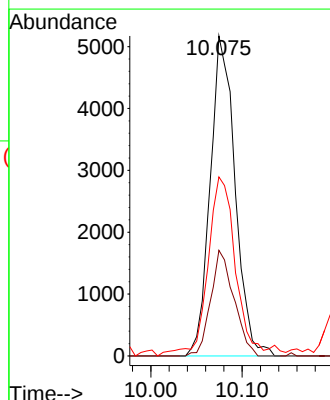
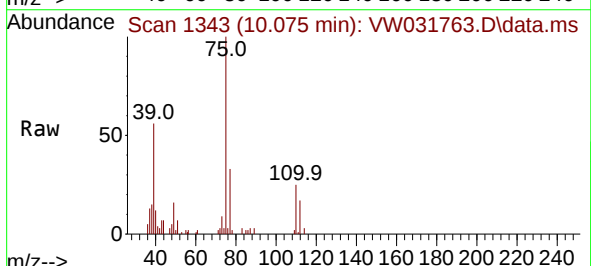
Tgt Ion: 75 Resp: 9793

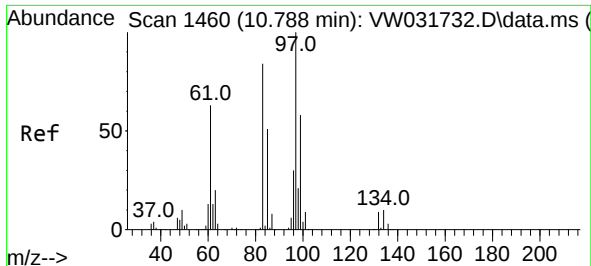
Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2

39 54.4 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 2.398 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

Tgt Ion: 97 Resp: 5736

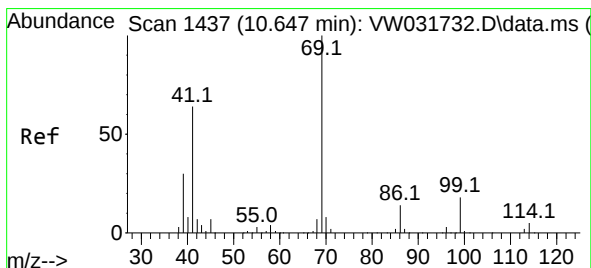
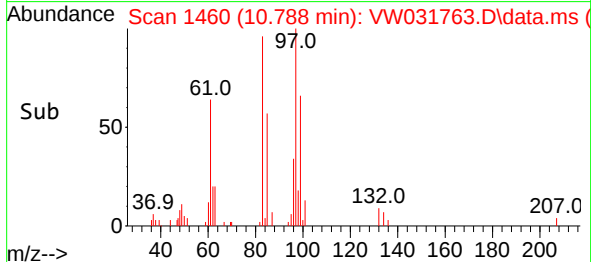
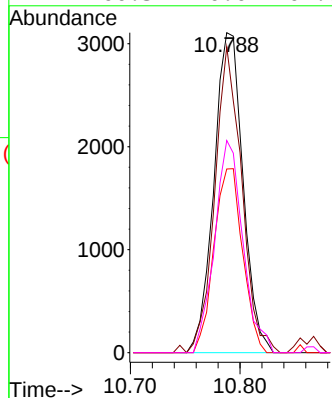
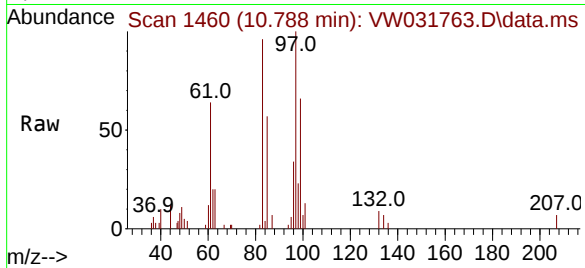
Ion Ratio Lower Upper

97 100

83 95.6 66.9 100.3

85 57.4 41.1 61.7

99 66.3 46.6 69.8



#56

Ethyl methacrylate

Concen: 2.163 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

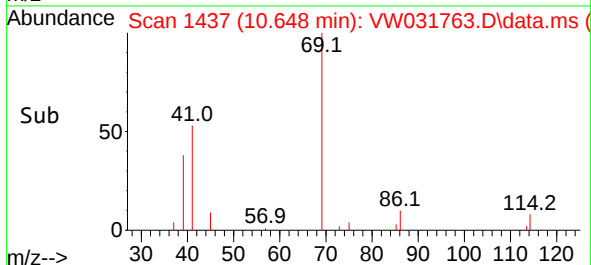
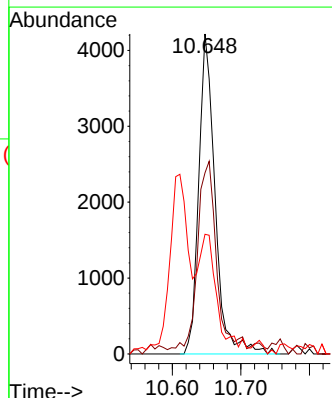
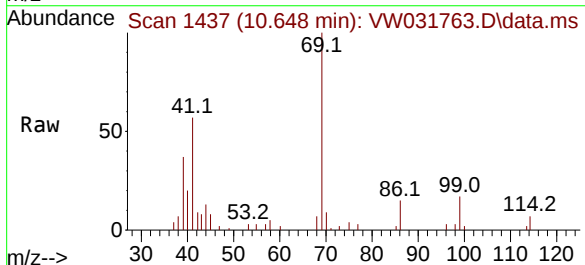
Tgt Ion: 69 Resp: 7018

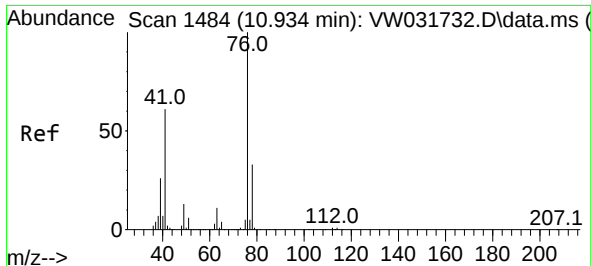
Ion Ratio Lower Upper

69 100

41 72.7 53.3 79.9

39 36.8 30.2 45.2





#57

1,3-Dichloropropane

Concen: 2.398 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

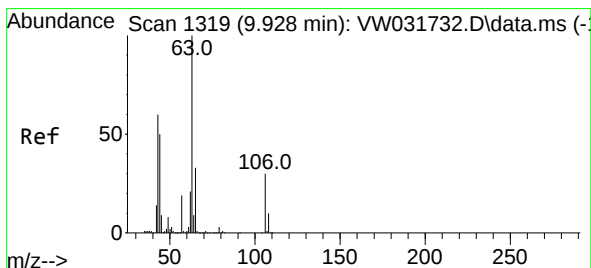
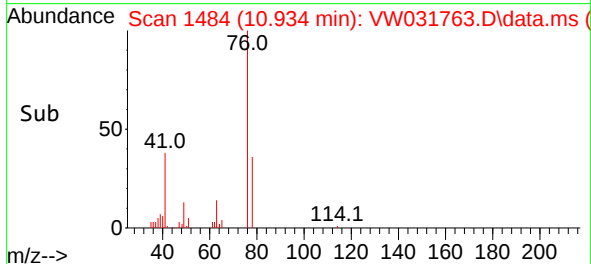
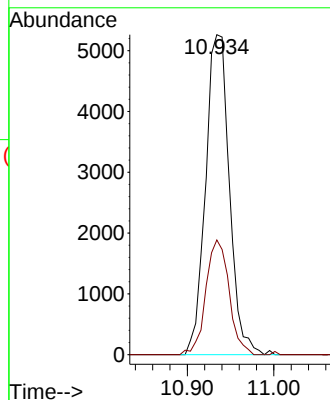
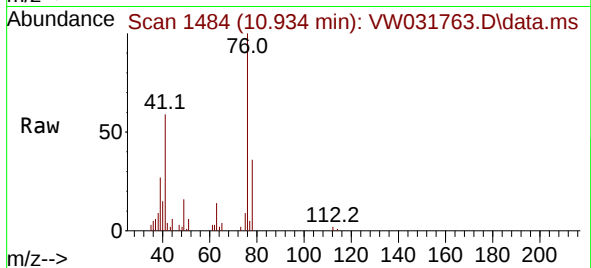
MDL06

Tgt Ion: 76 Resp: 10071

Ion Ratio Lower Upper

76 100

78 34.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 10.360 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031763.D

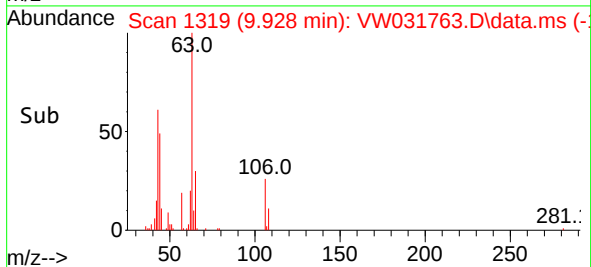
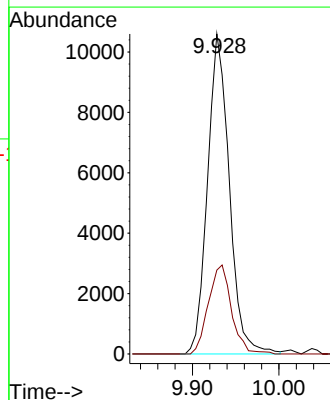
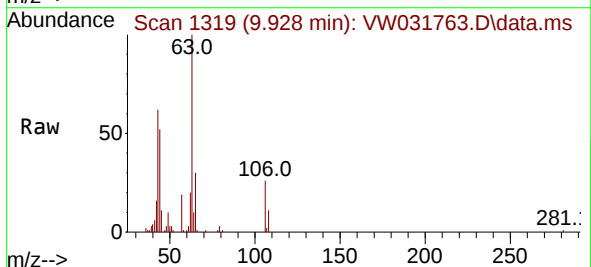
Acq: 03 Jul 2025 12:45

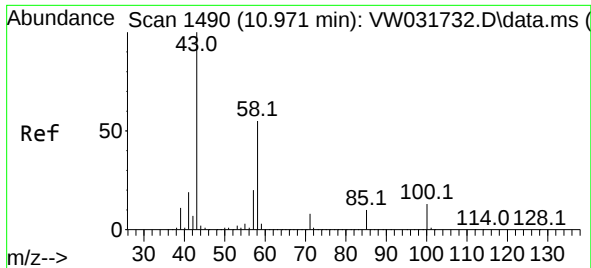
Tgt Ion: 63 Resp: 18510

Ion Ratio Lower Upper

63 100

106 29.5 24.1 36.1

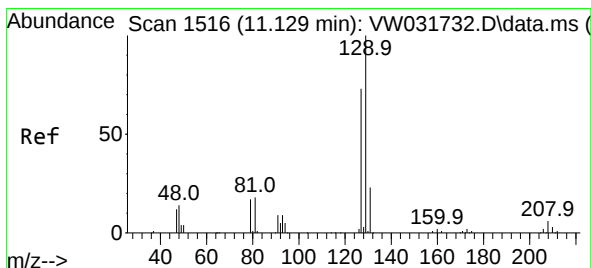
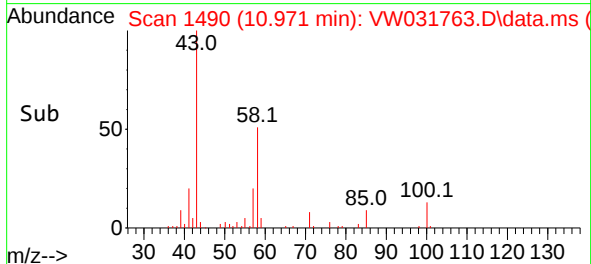
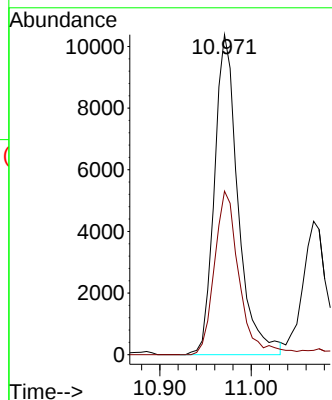
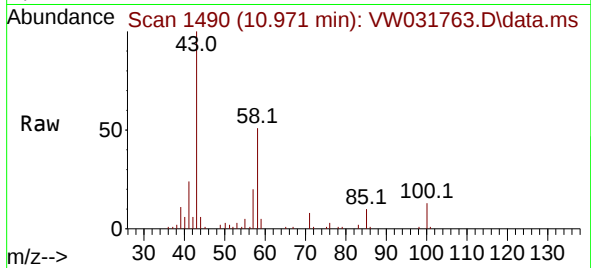




#59
2-Hexanone
Concen: 11.139 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

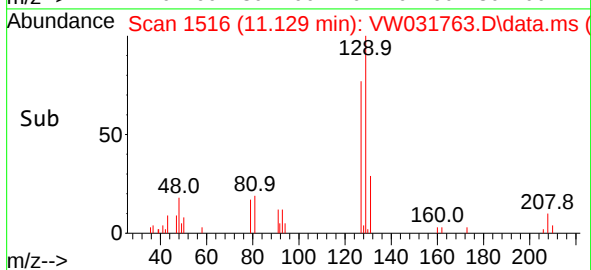
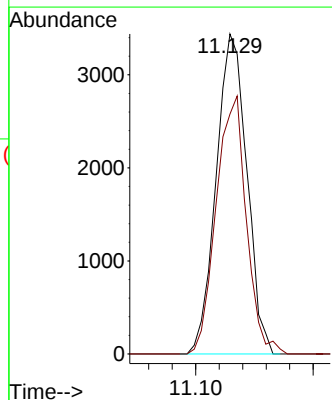
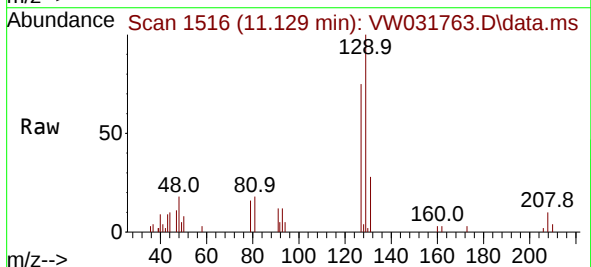
Instrument :
MSVOA_W
ClientSampleId :
MDL06

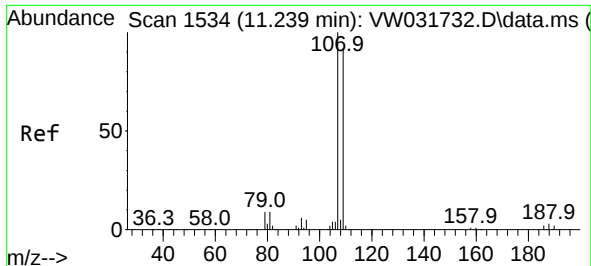
Tgt Ion: 43 Resp: 18664
Ion Ratio Lower Upper
43 100
58 53.4 27.9 83.6



#60
Dibromochloromethane
Concen: 2.182 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion:129 Resp: 6241
Ion Ratio Lower Upper
129 100
127 79.2 38.0 114.1

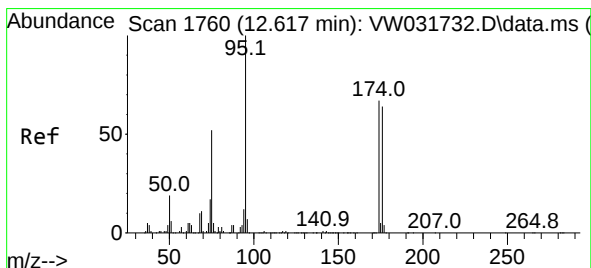
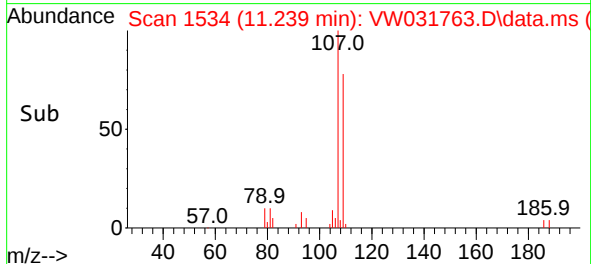
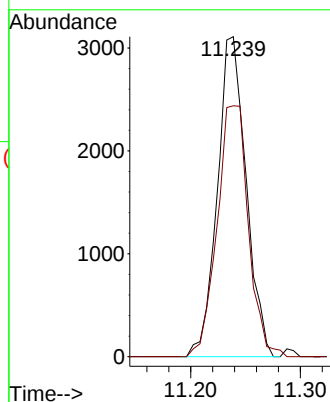
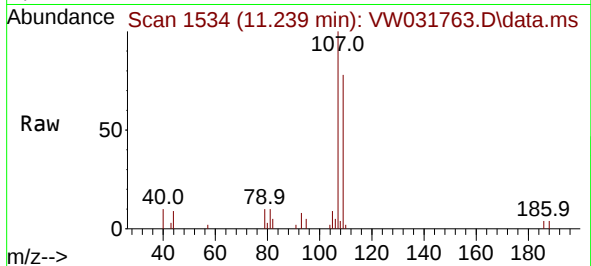




#61
1,2-Dibromoethane
Concen: 2.369 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

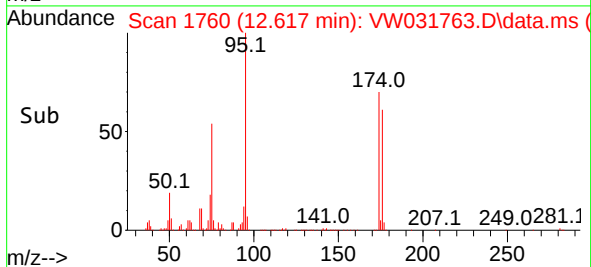
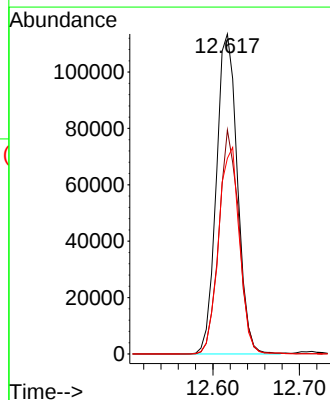
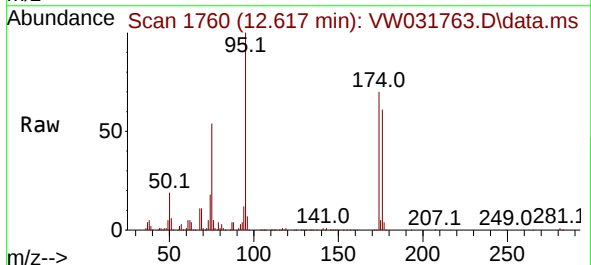
Instrument :
MSVOA_W
ClientSampleId :
MDL06

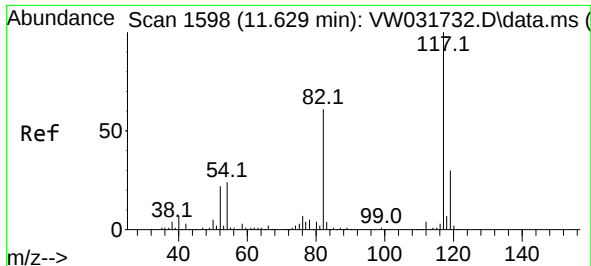
Tgt Ion:107 Resp: 5672
Ion Ratio Lower Upper
107 100
109 85.3 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.145 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 95 Resp: 191441
Ion Ratio Lower Upper
95 100
174 66.7 0.0 133.8
176 64.7 0.0 126.0

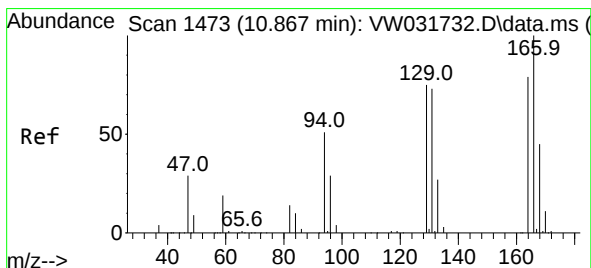
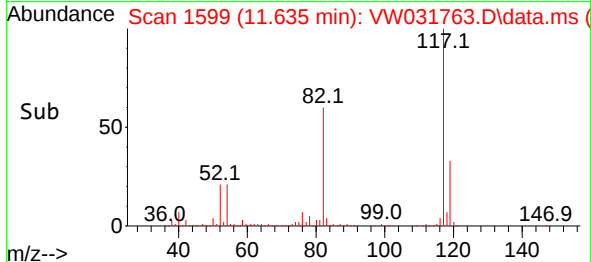
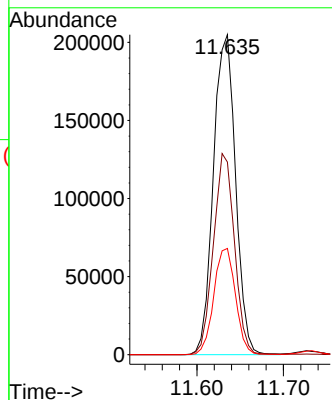
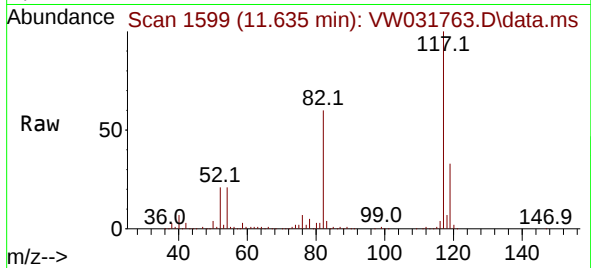




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

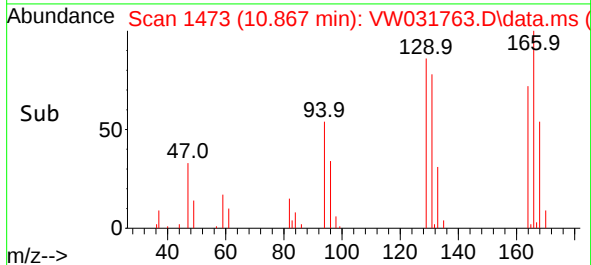
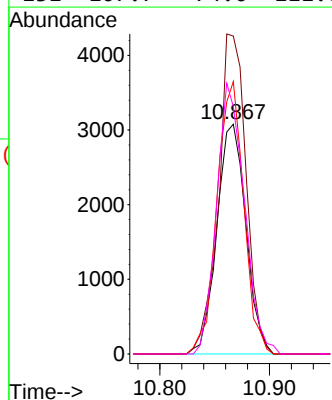
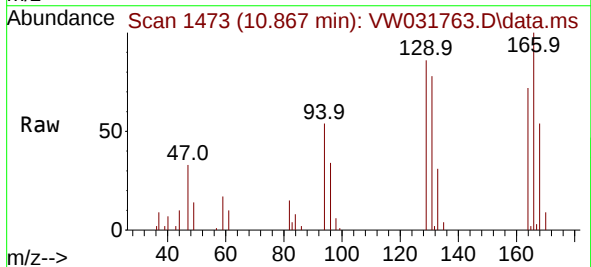
Instrument :
MSVOA_W
ClientSampleId :
MDL06

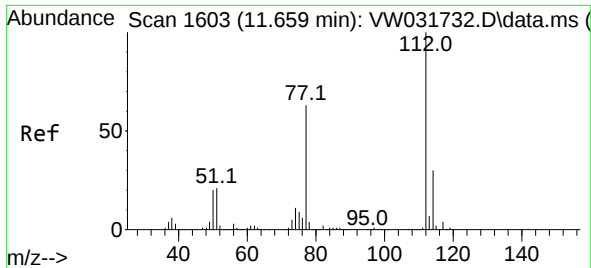
Tgt Ion:117 Resp: 364293
Ion Ratio Lower Upper
117 100
82 60.2 48.6 72.8
119 33.2 23.9 35.9



#64
Tetrachloroethene
Concen: 2.371 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion:164 Resp: 5651
Ion Ratio Lower Upper
164 100
166 138.4 100.7 151.1
129 118.6 75.4 113.0#
131 107.7 74.0 111.0

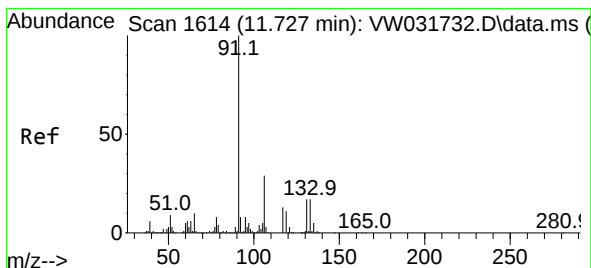
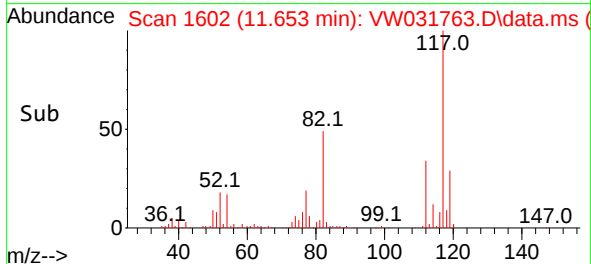
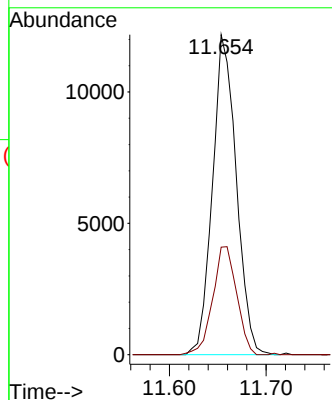
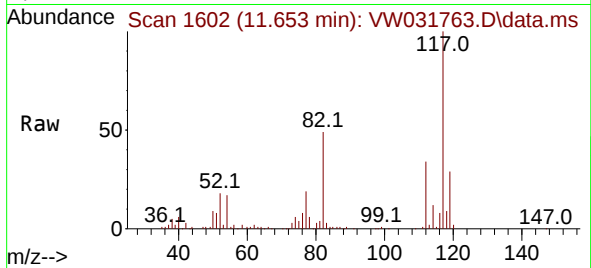




#65
Chlorobenzene
Concen: 2.583 ug/l
RT: 11.653 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

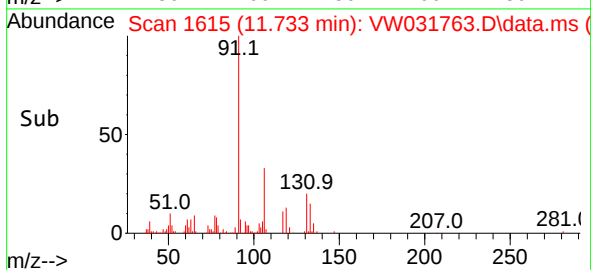
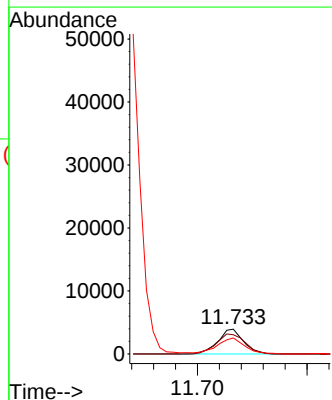
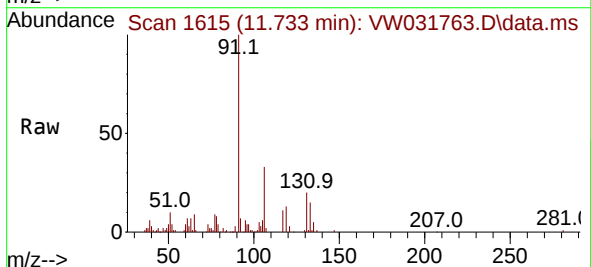
Instrument :
MSVOA_W
ClientSampleId :
MDL06

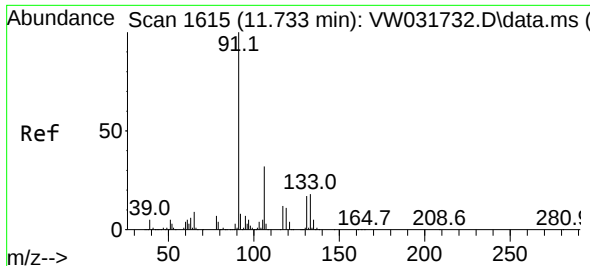
Tgt Ion:112 Resp: 20764
Ion Ratio Lower Upper
112 100
114 33.6 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 2.487 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion:131 Resp: 6371
Ion Ratio Lower Upper
131 100
133 90.1 48.5 145.6
119 69.2 32.5 97.5





#67

Ethyl Benzene

Concen: 2.327 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

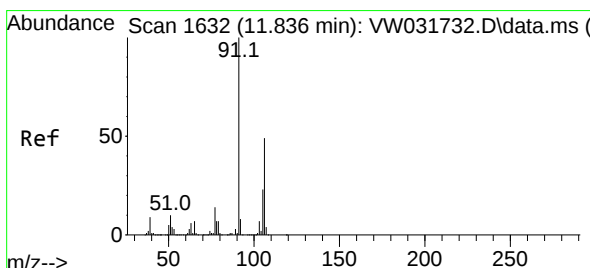
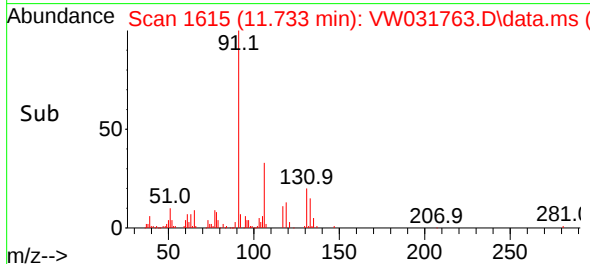
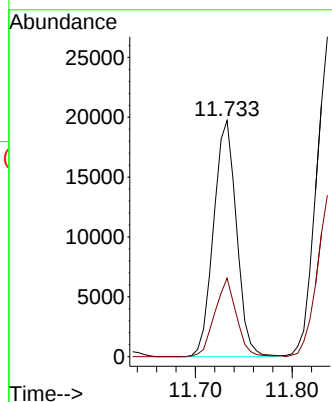
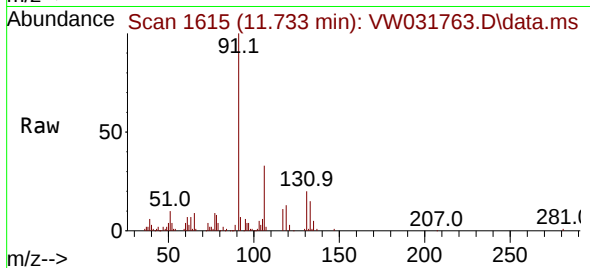
MDL06

Tgt Ion: 91 Resp: 32437

Ion Ratio Lower Upper

91 100

106 33.3 25.4 38.2



#68

m/p-Xylenes

Concen: 4.611 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031763.D

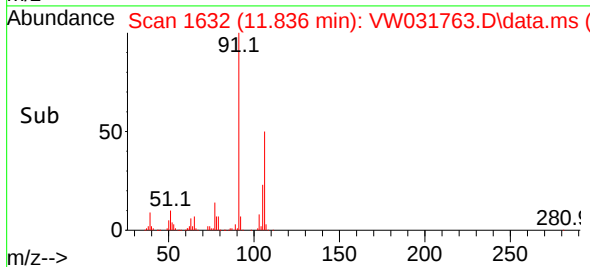
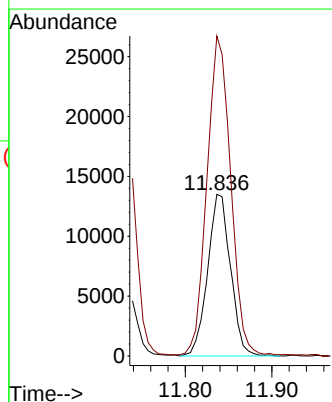
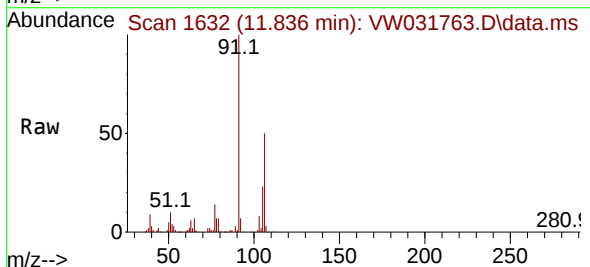
Acq: 03 Jul 2025 12:45

Tgt Ion:106 Resp: 24705

Ion Ratio Lower Upper

106 100

91 204.6 166.4 249.6

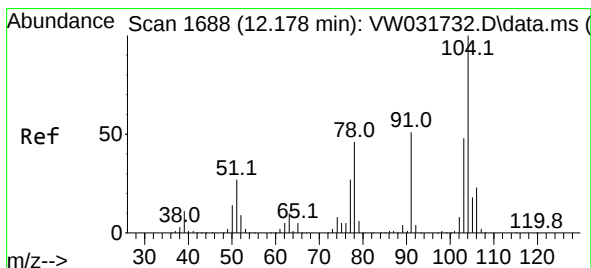
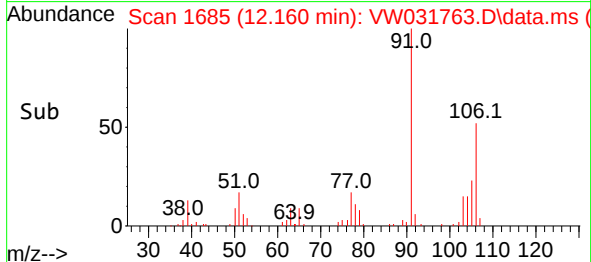
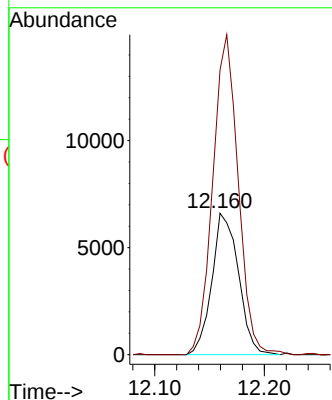
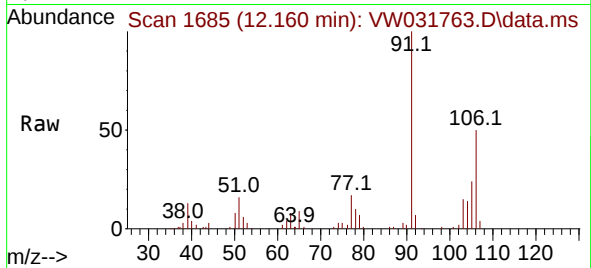




#69
o-Xylene
Concen: 2.245 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

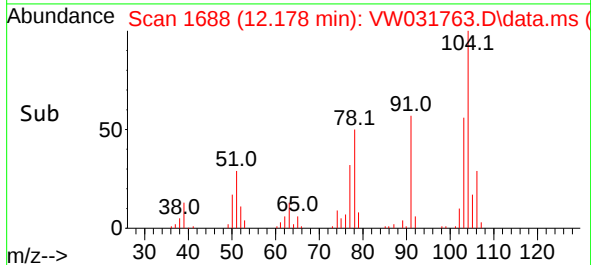
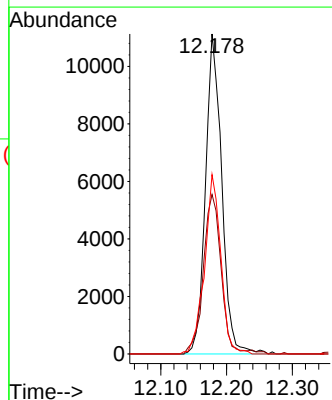
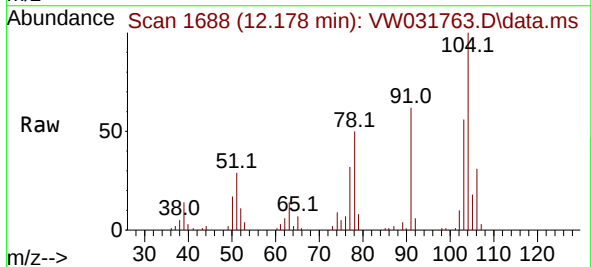
Instrument :
MSVOA_W
ClientSampleId :
MDL06

Tgt Ion:106 Resp: 11139
Ion Ratio Lower Upper
106 100
91 216.0 111.5 334.4



#70
Styrene
Concen: 2.235 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion:104 Resp: 19168
Ion Ratio Lower Upper
104 100
78 53.9 42.1 63.1
103 56.3 43.0 64.6





#71

Bromoform

Concen: 2.315 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

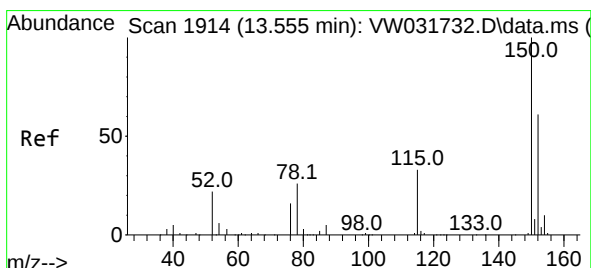
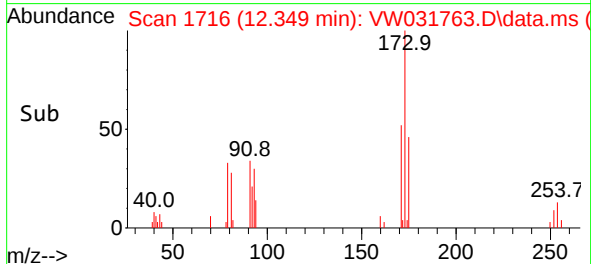
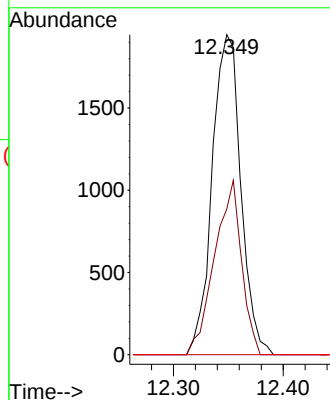
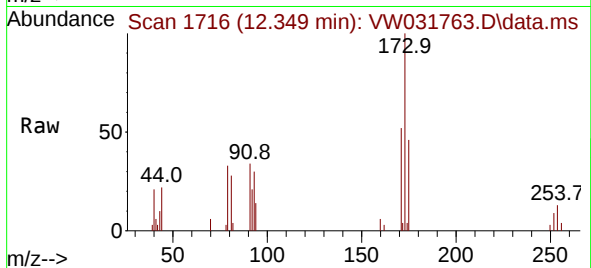
Tgt Ion:173 Resp: 3537

Ion Ratio Lower Upper

173 100

175 51.1 24.0 72.0

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: VW031763.D

Acq: 03 Jul 2025 12:45

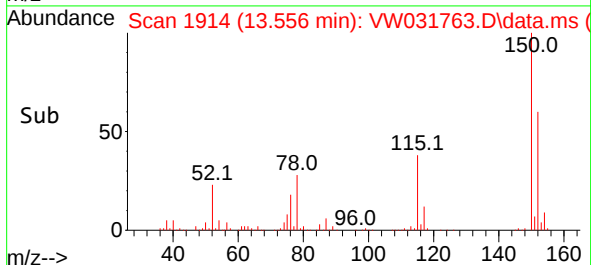
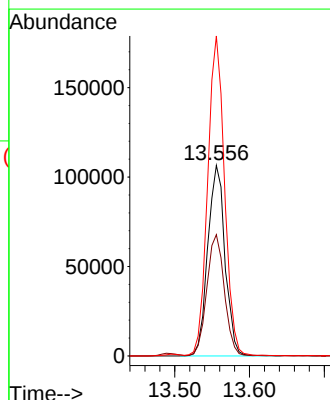
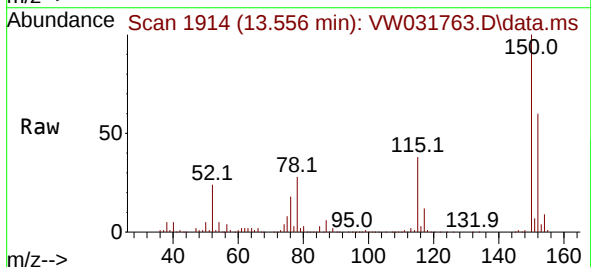
Tgt Ion:152 Resp: 171121

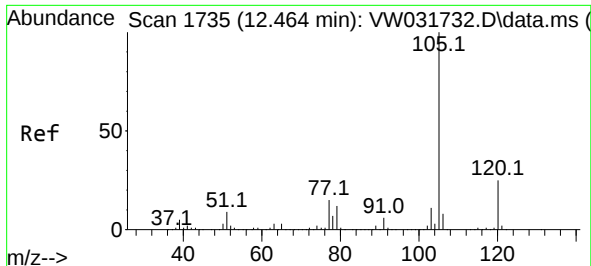
Ion Ratio Lower Upper

152 100

115 64.9 31.9 95.7

150 163.2 0.0 356.4

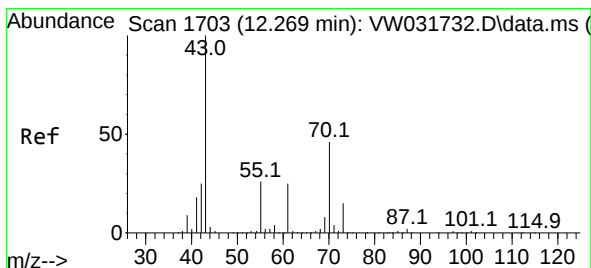
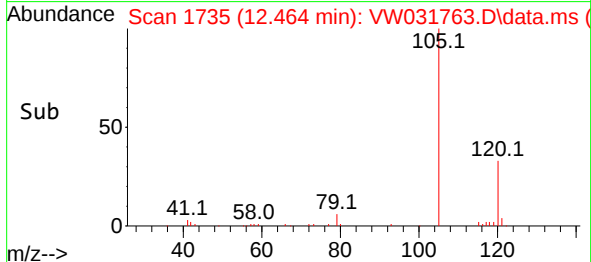
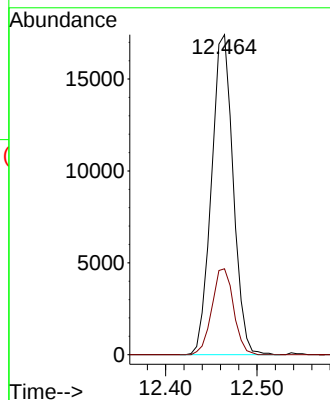
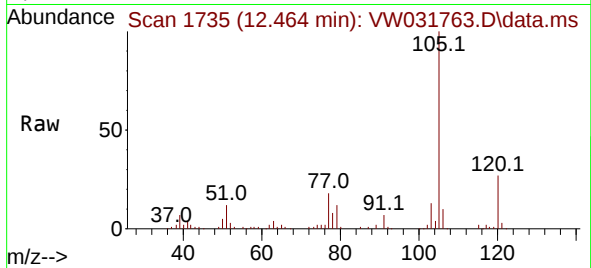




#73
Isopropylbenzene
Concen: 2.205 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

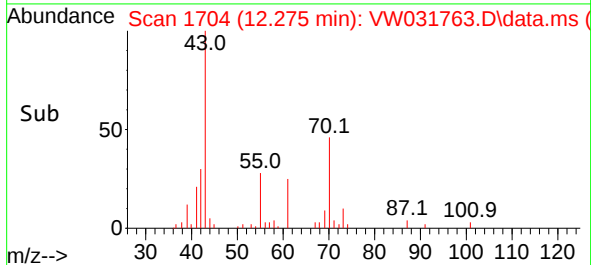
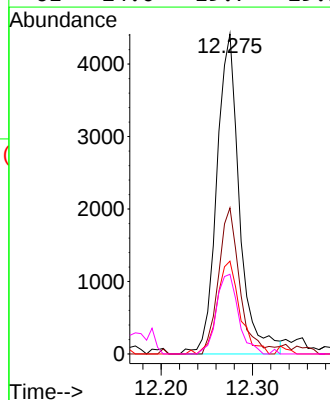
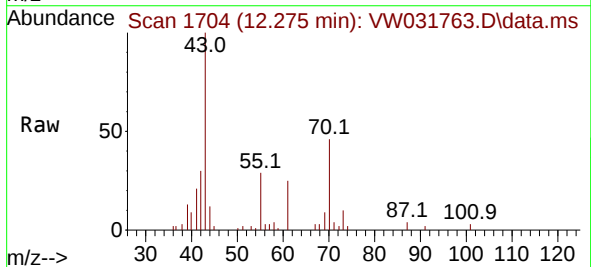
Instrument :
MSVOA_W
ClientSampleId :
MDL06

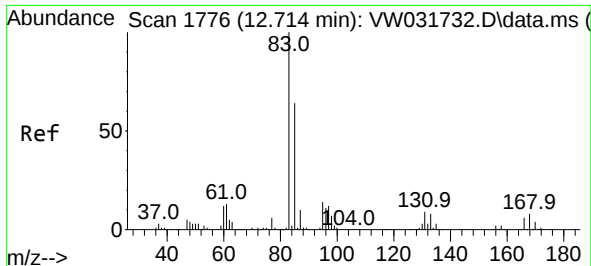
Tgt Ion:105 Resp: 28700
Ion Ratio Lower Upper
105 100
120 26.8 12.8 38.4



#74
N-ethyl acetate
Concen: 2.184 ug/l
RT: 12.275 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 43 Resp: 7661
Ion Ratio Lower Upper
43 100
70 42.7 36.0 54.0
55 29.1 20.8 31.2
61 24.0 19.7 29.5

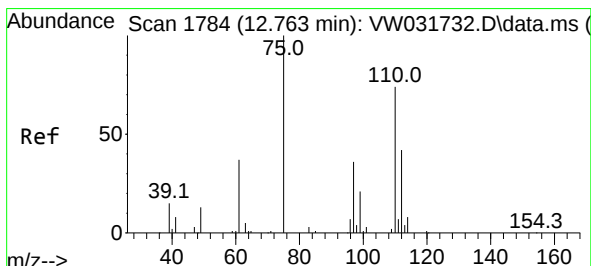
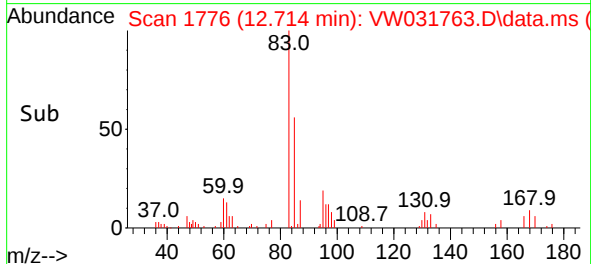
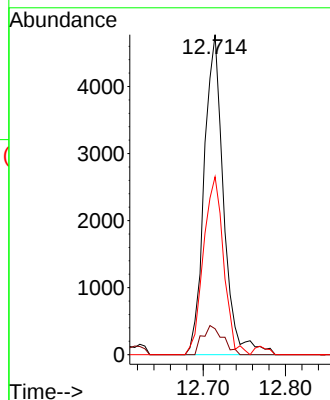
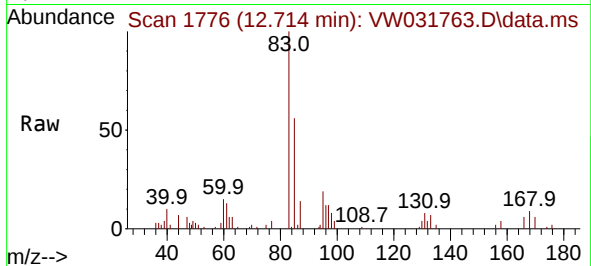




#75
1,1,2-Tetrachloroethane
Concen: 2.707 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

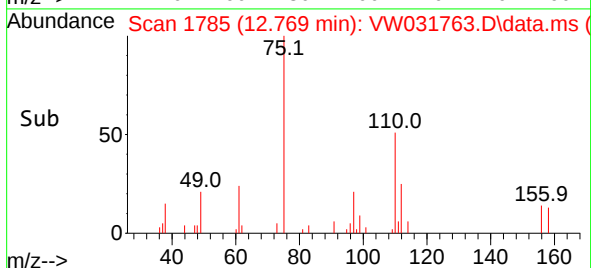
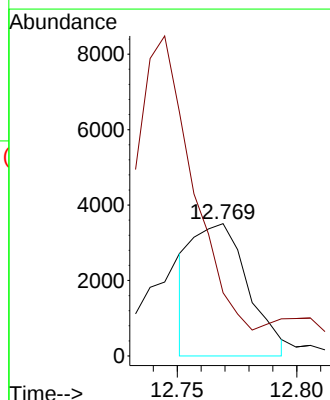
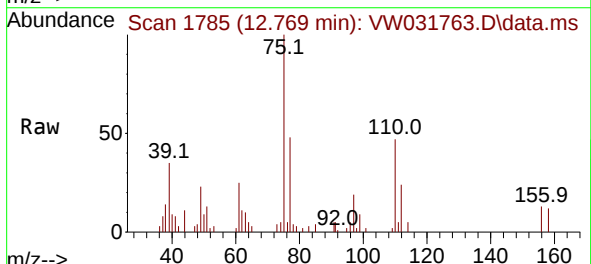
Instrument :
MSVOA_W
ClientSampleId :
MDL06

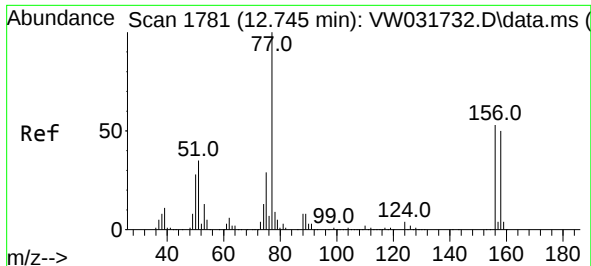
Tgt Ion: 83 Resp: 7822
Ion Ratio Lower Upper
83 100
131 9.6 5.3 16.1
85 57.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 2.588 ug/l m
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 75 Resp: 5722
Ion Ratio Lower Upper
75 100
77 0.0 141.2 423.6#

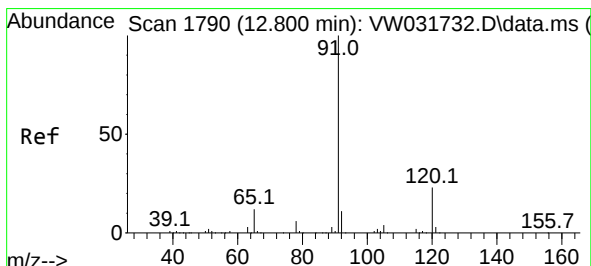
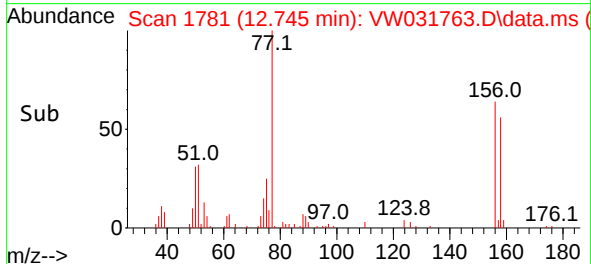
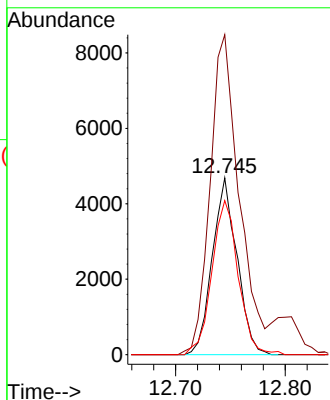
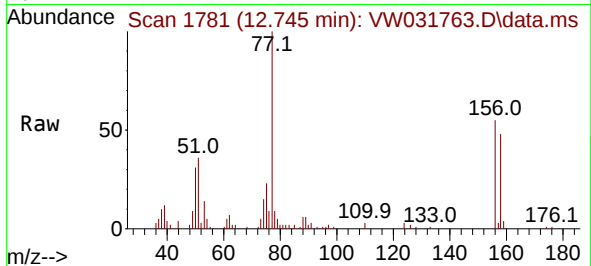




#77
Bromobenzene
Concen: 2.524 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

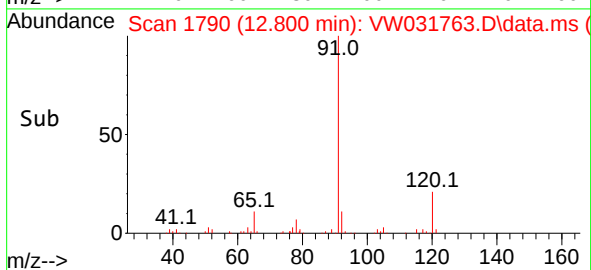
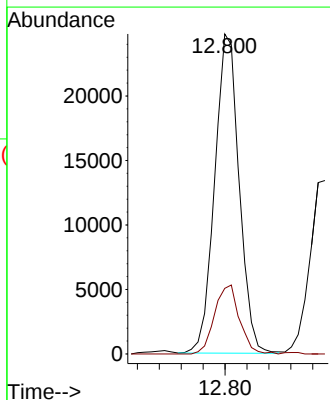
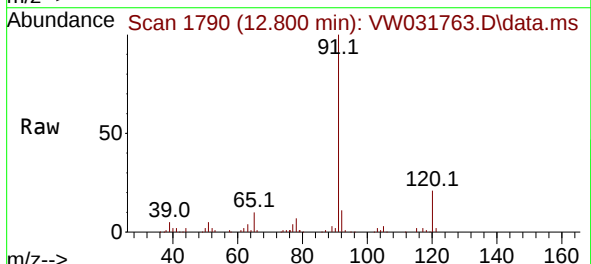
Instrument :
MSVOA_W
ClientSampleId :
MDL06

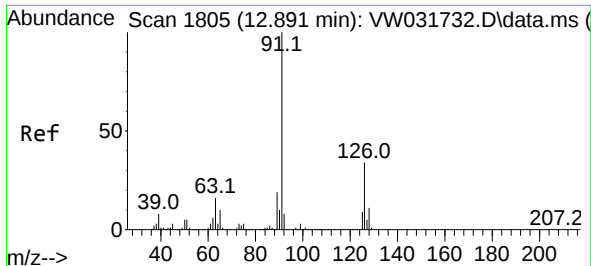
Tgt Ion:156 Resp: 7328
Ion Ratio Lower Upper
156 100
77 212.3 117.9 353.7
158 93.0 52.6 157.8



#78
n-propylbenzene
Concen: 2.460 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 91 Resp: 38339
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4

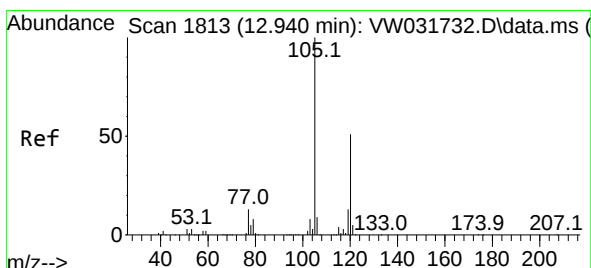
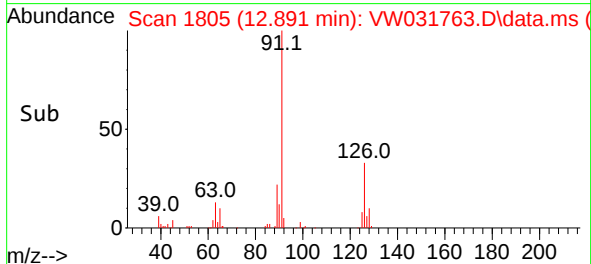
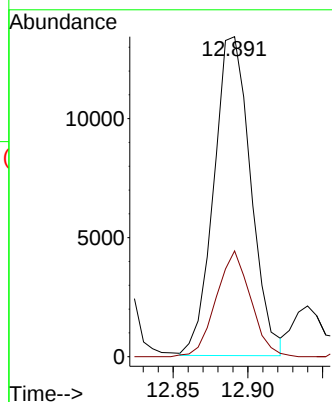
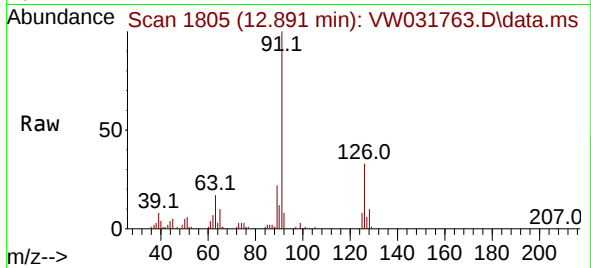




#79
2-Chlorotoluene
Concen: 2.455 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

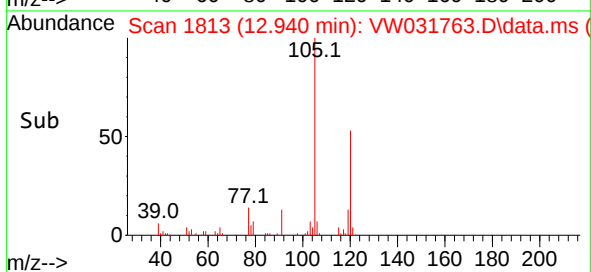
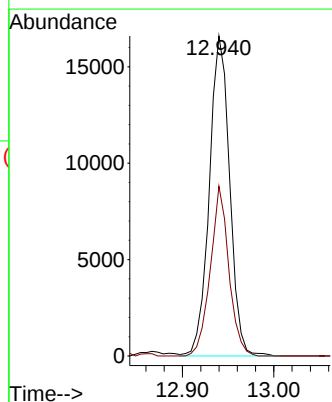
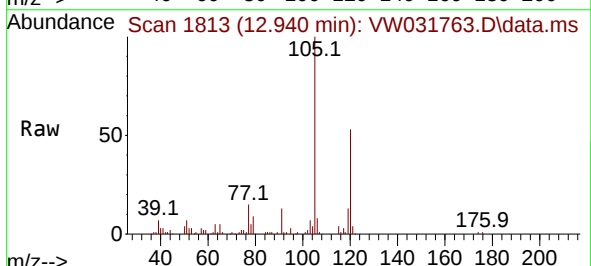
Instrument :
MSVOA_W
ClientSampleId :
MDL06

Tgt Ion: 91 Resp: 23041
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 2.379 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 105 Resp: 25637
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.2

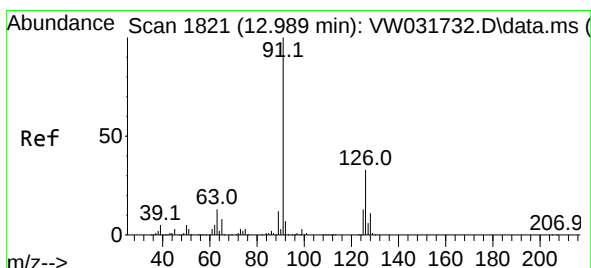
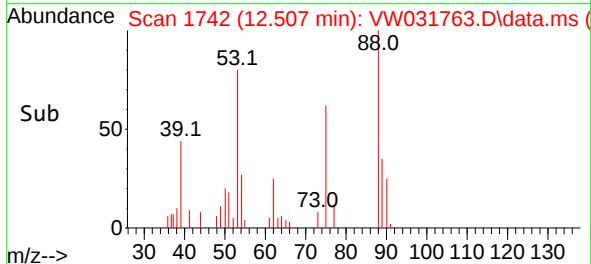
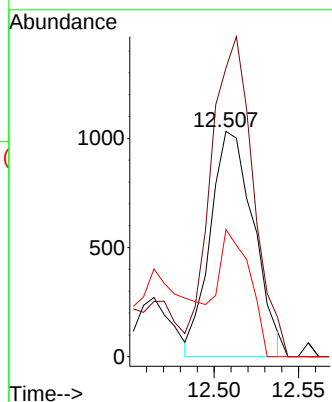
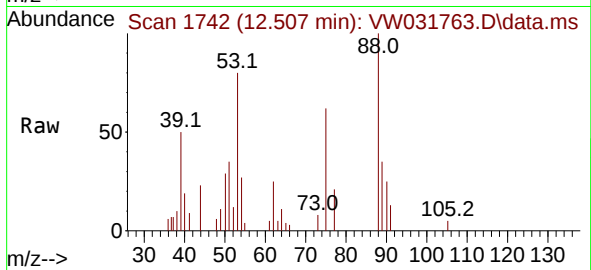




#81
trans-1,4-Dichloro-2-butene
Concen: 1.937 ug/l m
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

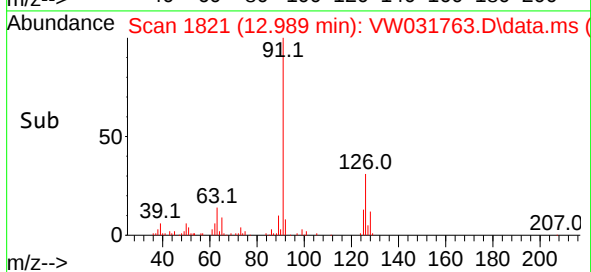
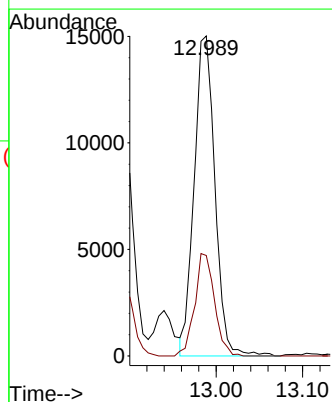
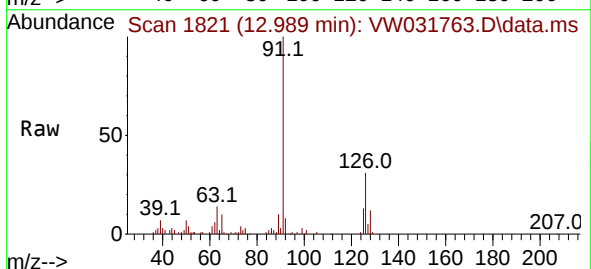
Instrument :
MSVOA_W
ClientSampleId :
MDL06

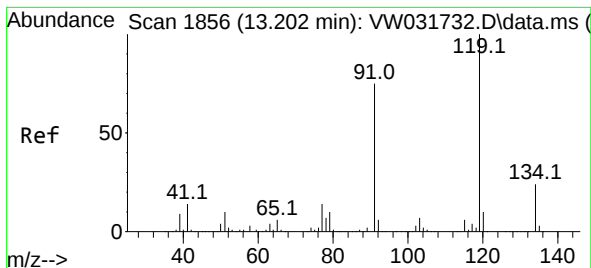
Tgt Ion: 75 Resp: 1839
Ion Ratio Lower Upper
75 100
53 4.4 83.5 125.3#
89 0.0 38.3 57.5#



#82
4-Chlorotoluene
Concen: 2.537 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031763.D
Acq: 03 Jul 2025 12:45

Tgt Ion: 91 Resp: 25002
Ion Ratio Lower Upper
91 100
126 30.5 16.0 47.9





#83

tert-Butylbenzene

Concen: 2.381 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

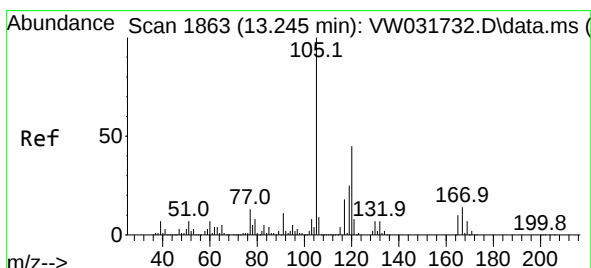
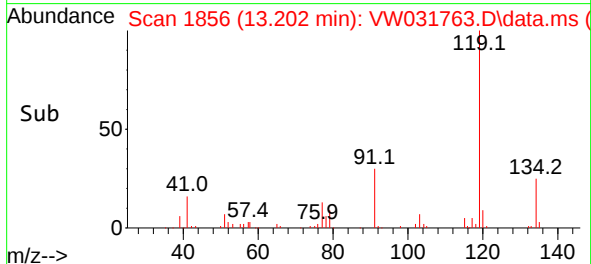
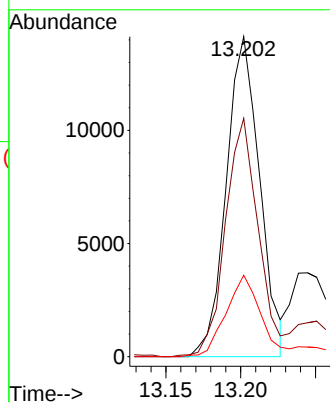
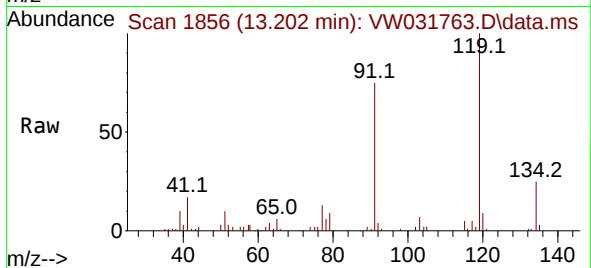
Tgt Ion:119 Resp: 21975

Ion Ratio Lower Upper

119 100

91 74.5 36.0 108.1

134 26.4 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 2.326 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031763.D

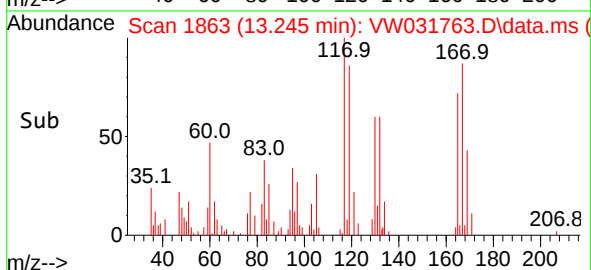
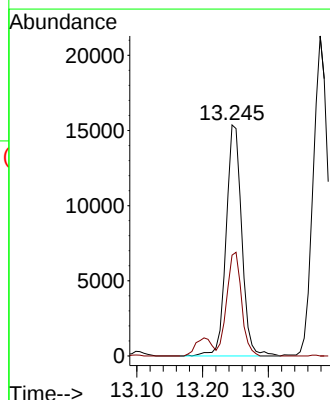
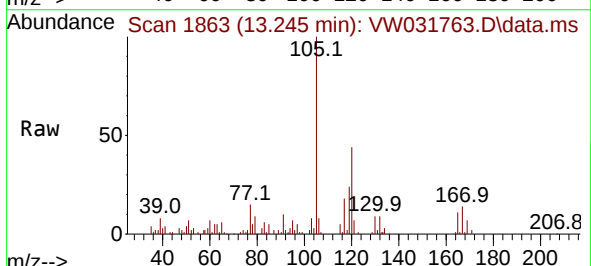
Acq: 03 Jul 2025 12:45

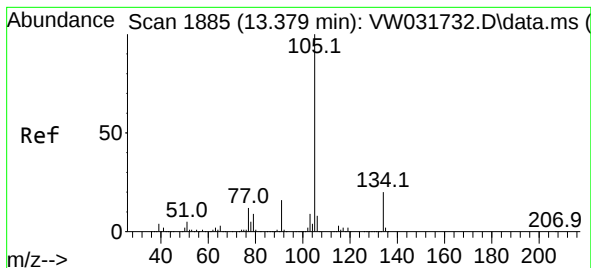
Tgt Ion:105 Resp: 25389

Ion Ratio Lower Upper

105 100

120 42.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 2.425 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

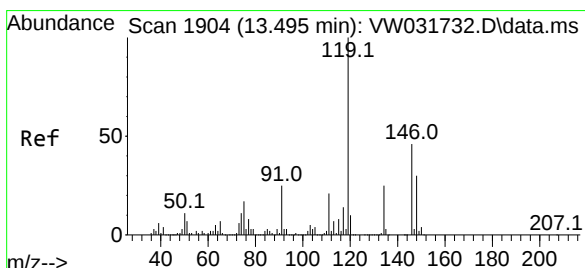
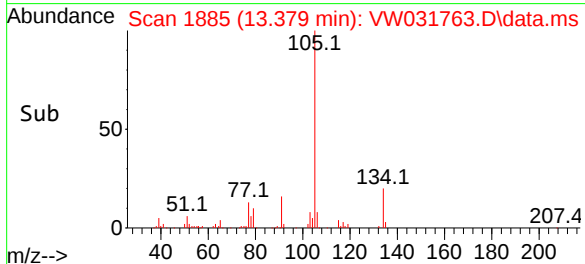
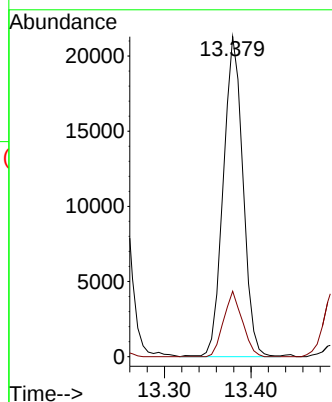
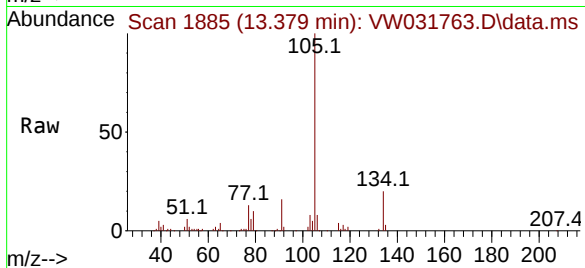
MDL06

Tgt Ion:105 Resp: 33591

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.8



#86

p-Isopropyltoluene

Concen: 2.320 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

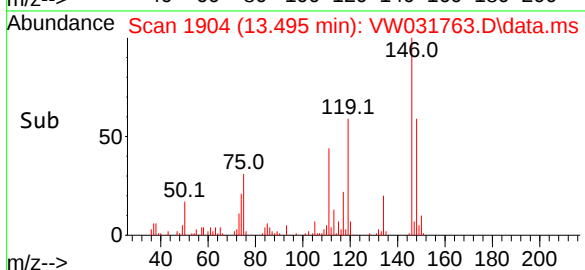
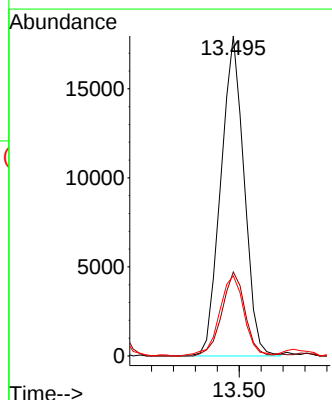
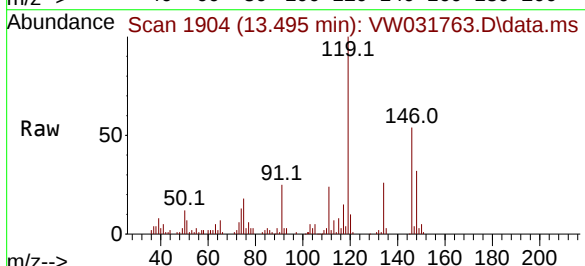
Tgt Ion:119 Resp: 26490

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 26.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 2.672 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

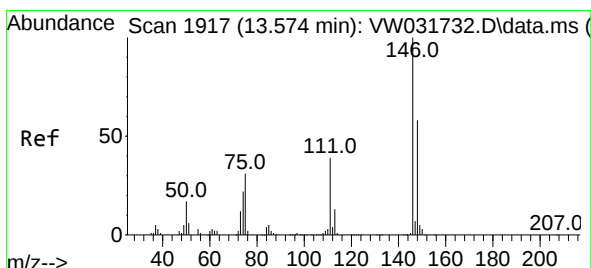
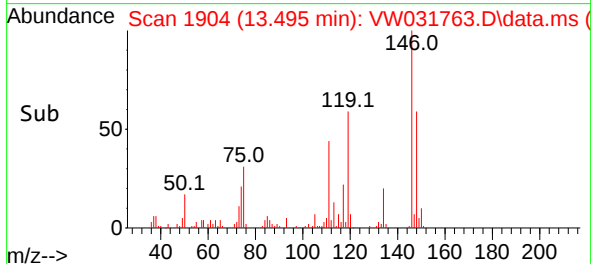
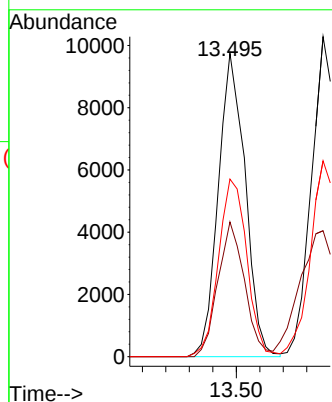
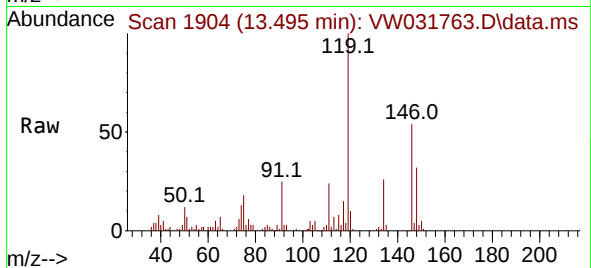
Tgt Ion:146 Resp: 15557

Ion Ratio Lower Upper

146 100

111 44.1 22.3 66.9

148 61.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 2.689 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

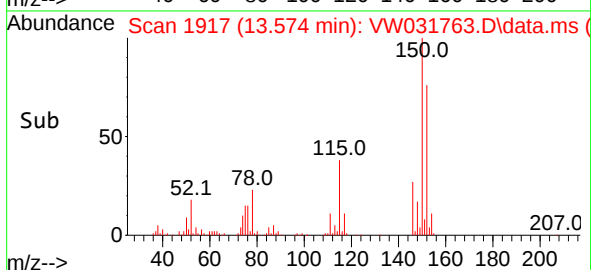
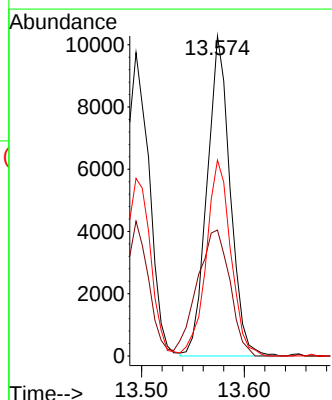
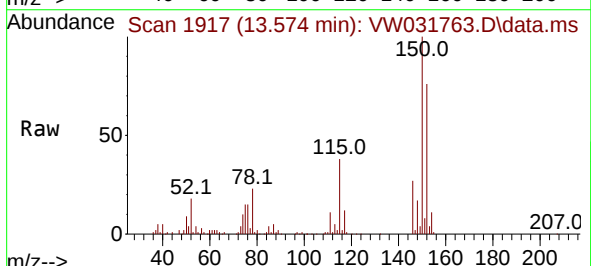
Tgt Ion:146 Resp: 16025

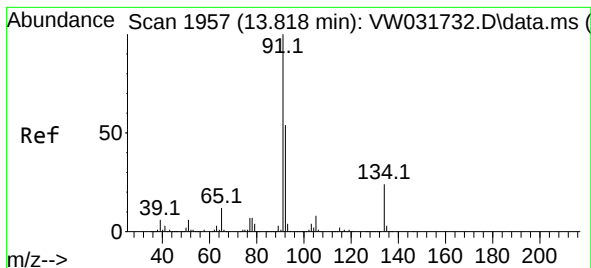
Ion Ratio Lower Upper

146 100

111 55.8 20.4 61.3

148 65.3 30.2 90.6





#89

n-Butylbenzene

Concen: 2.473 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

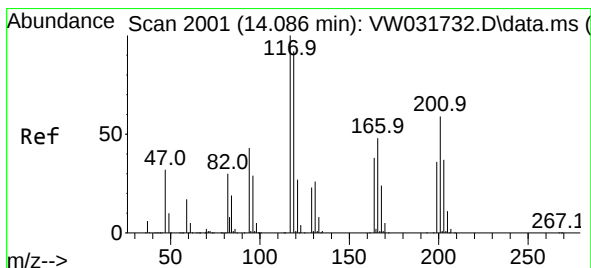
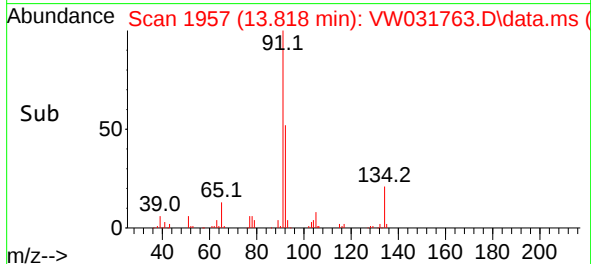
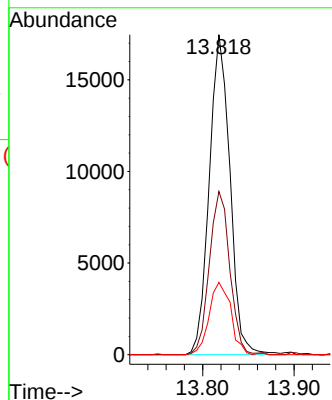
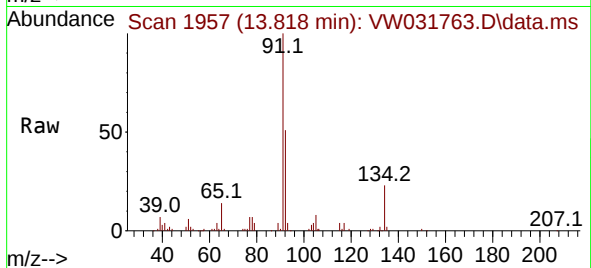
Instrument :

MSVOA_W

ClientSampleId :

MDL06

Tgt Ion:	91	Resp:	27427
Ion	Ratio	Lower	Upper
91	100		
92	50.5	27.2	81.5
134	23.6	12.2	36.6



#90

Hexachloroethane

Concen: 2.563 ug/l

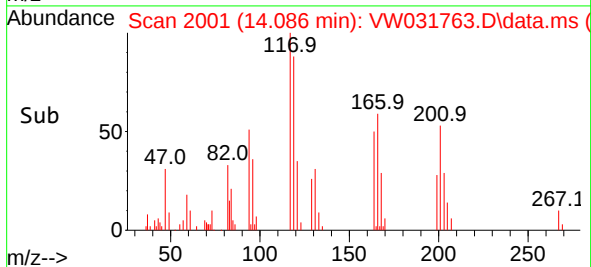
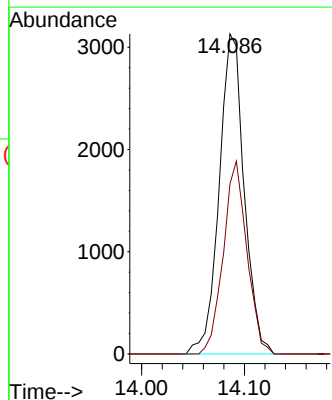
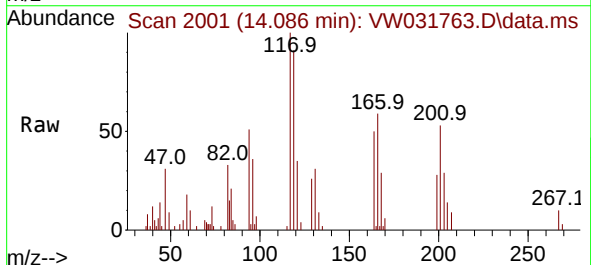
RT: 14.086 min Scan# 2001

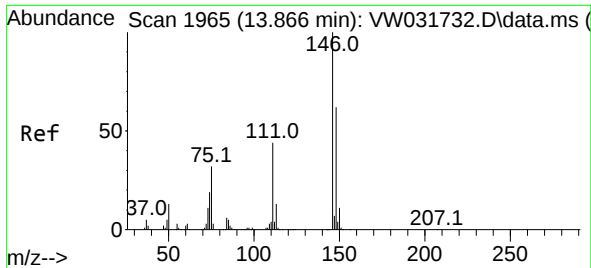
Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Tgt Ion:	117	Resp:	5278
Ion	Ratio	Lower	Upper
117	100		
201	56.9	31.1	93.3





#91

1,2-Dichlorobenzene

Concen: 2.519 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

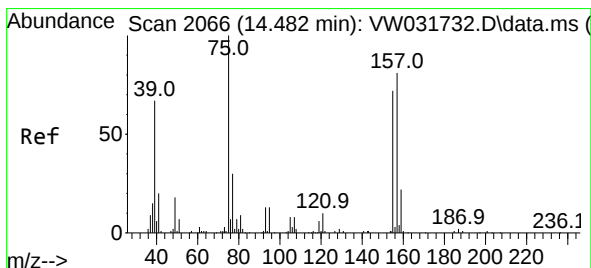
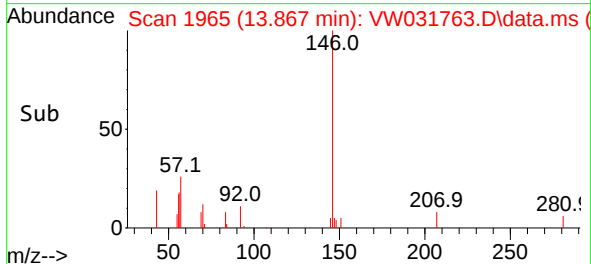
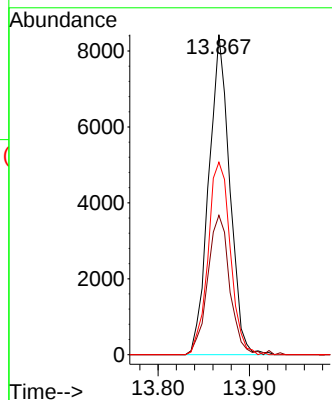
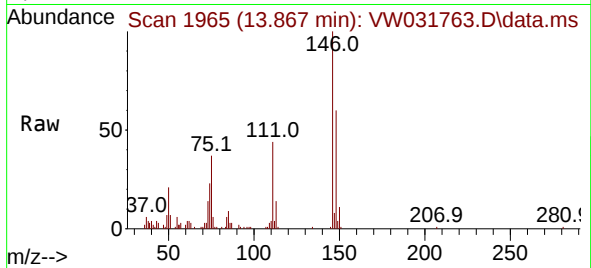
Tgt Ion:146 Resp: 13406

Ion Ratio Lower Upper

146 100

111 45.6 21.7 65.1

148 64.1 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.481 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

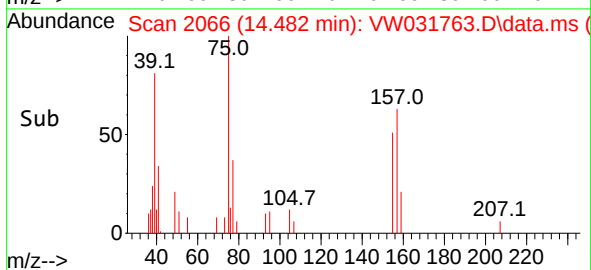
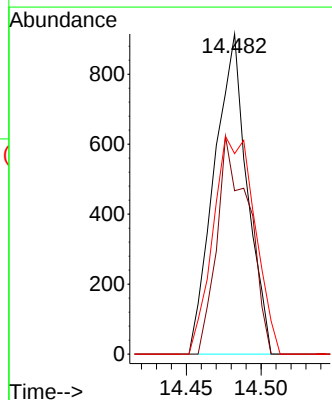
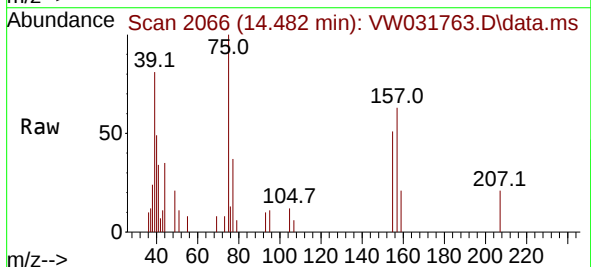
Tgt Ion: 75 Resp: 1400

Ion Ratio Lower Upper

75 100

155 66.0 37.2 111.6

157 86.2 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 2.530 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

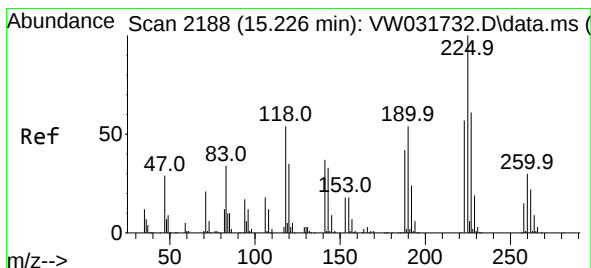
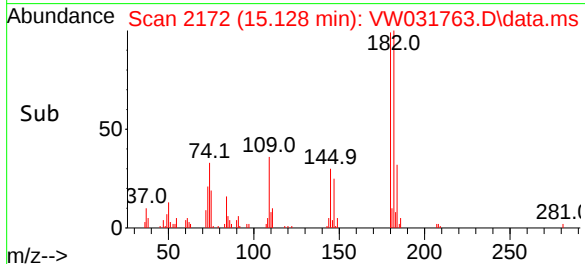
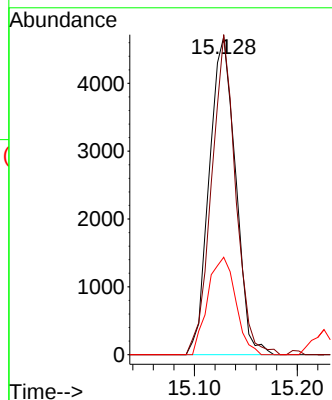
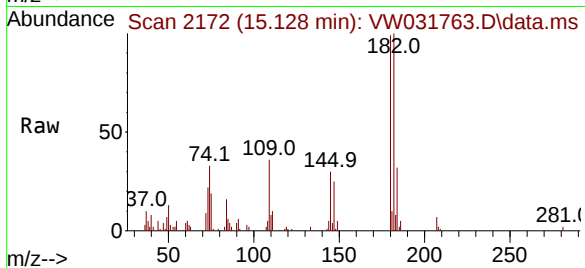
Tgt Ion:180 Resp: 8303

Ion Ratio Lower Upper

180 100

182 92.6 48.6 145.9

145 32.6 17.3 51.7



#94

Hexachlorobutadiene

Concen: 3.030 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

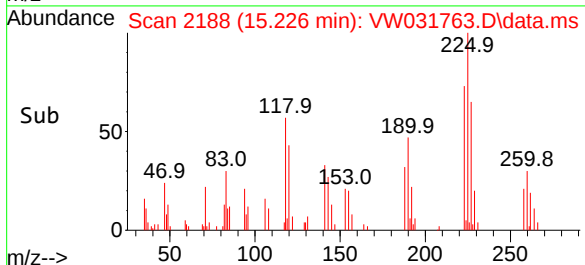
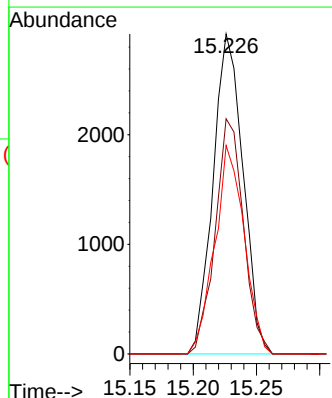
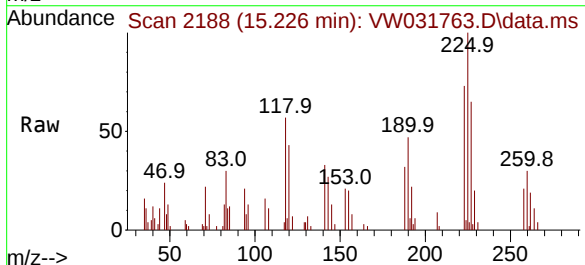
Tgt Ion:225 Resp: 4802

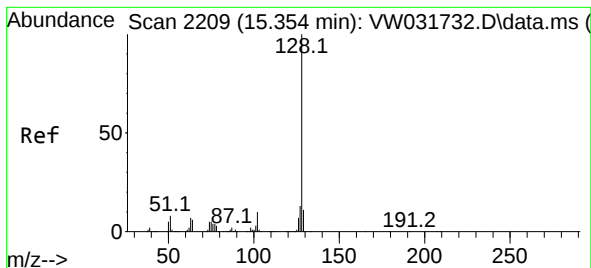
Ion Ratio Lower Upper

225 100

223 69.3 32.6 97.8

227 64.1 37.3 111.8





#95

Naphthalene

Concen: 2.199 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Instrument :

MSVOA_W

ClientSampleId :

MDL06

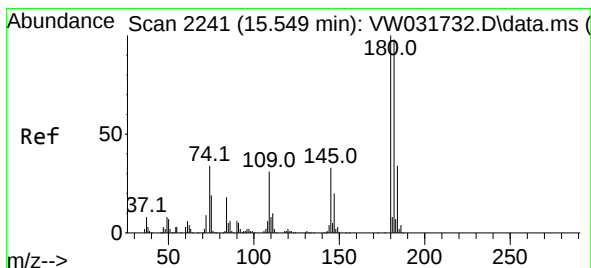
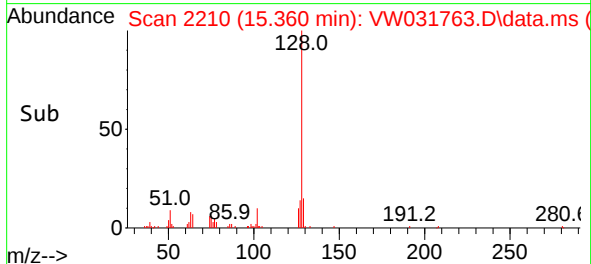
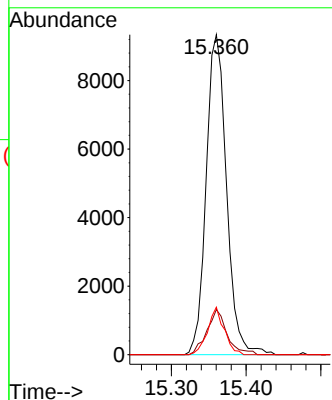
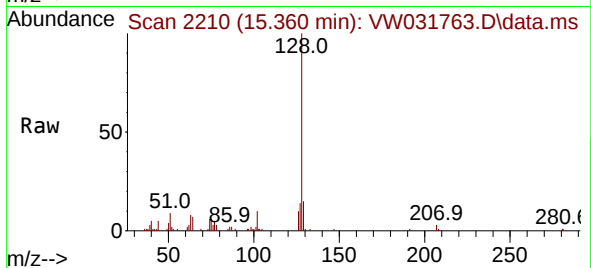
Tgt Ion:128 Resp: 17694

Ion Ratio Lower Upper

128 100

127 14.0 10.8 16.2

129 12.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.566 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031763.D

Acq: 03 Jul 2025 12:45

Tgt Ion:180 Resp: 7739

Ion Ratio Lower Upper

180 100

182 92.1 46.4 139.1

145 32.8 17.8 53.3

