

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031764.D
 Acq On : 03 Jul 2025 14:42
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

Quant Time: Jul 04 05:04:24 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	213156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	402234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	346265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	166528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	162255	53.041	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 106.080%	
35) Dibromofluoromethane	7.898	113	133296	50.784	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 101.560%	
50) Toluene-d8	10.325	98	499716	51.160	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.617	95	184387	51.296	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.052	85	3467	2.388	ug/l	98
3) Chloromethane	2.259	50	4775	2.728	ug/l	93
4) Vinyl Chloride	2.405	62	5769	2.508	ug/l	99
5) Bromomethane	2.826	94	4844	2.696	ug/l #	75
6) Chloroethane	2.972	64	4167	2.667	ug/l	98
7) Trichlorofluoromethane	3.308	101	4437	2.124	ug/l	90
8) Diethyl Ether	3.716	74	6230	3.925	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.100	101	6487	2.798	ug/l	97
10) Methyl Iodide	4.307	142	9019	2.523	ug/l	97
11) Tert butyl alcohol	5.216	59	1434	7.567	ug/l #	90
12) 1,1-Dichloroethene	4.076	96	7177	2.826	ug/l #	79
13) Acrolein	3.942	56	1785	5.240	ug/l #	78
14) Allyl chloride	4.710	41	9656	2.478	ug/l	96
15) Acrylonitrile	5.399	53	9964	12.764	ug/l	99
16) Acetone	4.161	43	11999	15.870	ug/l	99
17) Carbon Disulfide	4.411	76	15582	2.293	ug/l	96
18) Methyl Acetate	4.716	43	6031	2.791	ug/l	93
19) Methyl tert-butyl Ether	5.460	73	11010	2.554	ug/l #	79
20) Methylene Chloride	4.947	84	33984	9.787	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	6701	2.483	ug/l	89
22) Diisopropyl ether	6.337	45	17849	2.348	ug/l	93
23) Vinyl Acetate	6.283	43	55647	10.719	ug/l	96
24) 1,1-Dichloroethane	6.234	63	12069	2.449	ug/l	98
25) 2-Butanone	7.197	43	12814	13.027	ug/l #	88
26) 2,2-Dichloropropane	7.191	77	7307	2.542	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	7563	2.438	ug/l	98
28) Bromochloromethane	7.526	49	5870	2.700	ug/l	98
29) Tetrahydrofuran	7.551	42	8489	12.602	ug/l	96
30) Chloroform	7.691	83	13125	2.507	ug/l	99
31) Cyclohexane	7.965	56	16374	3.759	ug/l #	66
32) 1,1,1-Trichloroethane	7.886	97	9936	2.462	ug/l	95
36) 1,1-Dichloropropene	8.093	75	9247	2.435	ug/l	99
37) Ethyl Acetate	7.282	43	4521	1.887	ug/l #	90
38) Carbon Tetrachloride	8.081	117	9343	2.414	ug/l	97
39) Methylcyclohexane	9.343	83	11420	2.417	ug/l	98
40) Benzene	8.337	78	26789	2.384	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	2775	2.162	ug/l #	85
42) 1,2-Dichloroethane	8.416	62	9337	2.459	ug/l	97
43) Isopropyl Acetate	8.435	43	9657	2.338	ug/l	97
44) Trichloroethene	9.099	130	6850	2.442	ug/l	91
45) 1,2-Dichloropropane	9.373	63	6310	2.323	ug/l	95
46) Dibromomethane	9.471	93	4206	2.399	ug/l	97
47) Bromodichloromethane	9.654	83	9283	2.258	ug/l	99
48) Methyl methacrylate	9.441	41	3856	1.899	ug/l #	80
49) 1,4-Dioxane	9.465	88	552	26.880	ug/l #	13
51) 4-Methyl-2-Pentanone	10.215	43	26551	11.182	ug/l	100
52) Toluene	10.392	92	17371	2.414	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	8218	2.130	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	9455	2.162	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	5394	2.348	ug/l	95
56) Ethyl methacrylate	10.648	69	6604	2.119	ug/l	92
57) 1,3-Dichloropropane	10.934	76	9194	2.280	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.928	63	18009	10.496	ug/l	99
59) 2-Hexanone	10.971	43	17855	11.097	ug/l	100
60) Dibromochloromethane	11.129	129	6051	2.203	ug/l	99
61) 1,2-Dibromoethane	11.233	107	5195	2.259	ug/l	97
64) Tetrachloroethene	10.861	164	6175	2.726	ug/l	91
65) Chlorobenzene	11.660	112	18675	2.444	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	5723	2.351	ug/l	95
67) Ethyl Benzene	11.733	91	32603	2.461	ug/l	95
68) m/p-Xylenes	11.836	106	24026	4.718	ug/l	94
69) o-Xylene	12.166	106	10991	2.331	ug/l	96
70) Styrene	12.178	104	18157	2.227	ug/l	98
71) Bromoform	12.342	173	3202	2.205	ug/l #	93
73) Isopropylbenzene	12.458	105	27191	2.147	ug/l	100
74) N-amyl acetate	12.269	43	7781	2.279	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	7281	2.589	ug/l	93
76) 1,2,3-Trichloropropane	12.763	75	8851	4.113	ug/l	39
77) Bromobenzene	12.745	156	7192	2.546	ug/l	85
78) n-propylbenzene	12.800	91	36102	2.380	ug/l	99
79) 2-Chlorotoluene	12.891	91	21238	2.325	ug/l	96
80) 1,3,5-Trimethylbenzene	12.940	105	25083	2.392	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.617	75	96603	104.555	ug/l #	8
82) 4-Chlorotoluene	12.989	91	22805	2.378	ug/l	99
83) tert-Butylbenzene	13.202	119	20825	2.319	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	23841	2.244	ug/l	99
85) sec-Butylbenzene	13.379	105	31621	2.346	ug/l	100
86) p-Isopropyltoluene	13.495	119	24850	2.237	ug/l	96
87) 1,3-Dichlorobenzene	13.495	146	14125	2.493	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	14726	2.539	ug/l	82
89) n-Butylbenzene	13.818	91	24868	2.304	ug/l	98
90) Hexachloroethane	14.092	117	4406	2.198	ug/l	94
91) 1,2-Dichlorobenzene	13.861	146	12608	2.435	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	1399	2.548	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	7731	2.421	ug/l	98
94) Hexachlorobutadiene	15.226	225	3919	2.541	ug/l	97
95) Naphthalene	15.360	128	17067	2.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	7237	2.466	ug/l	93

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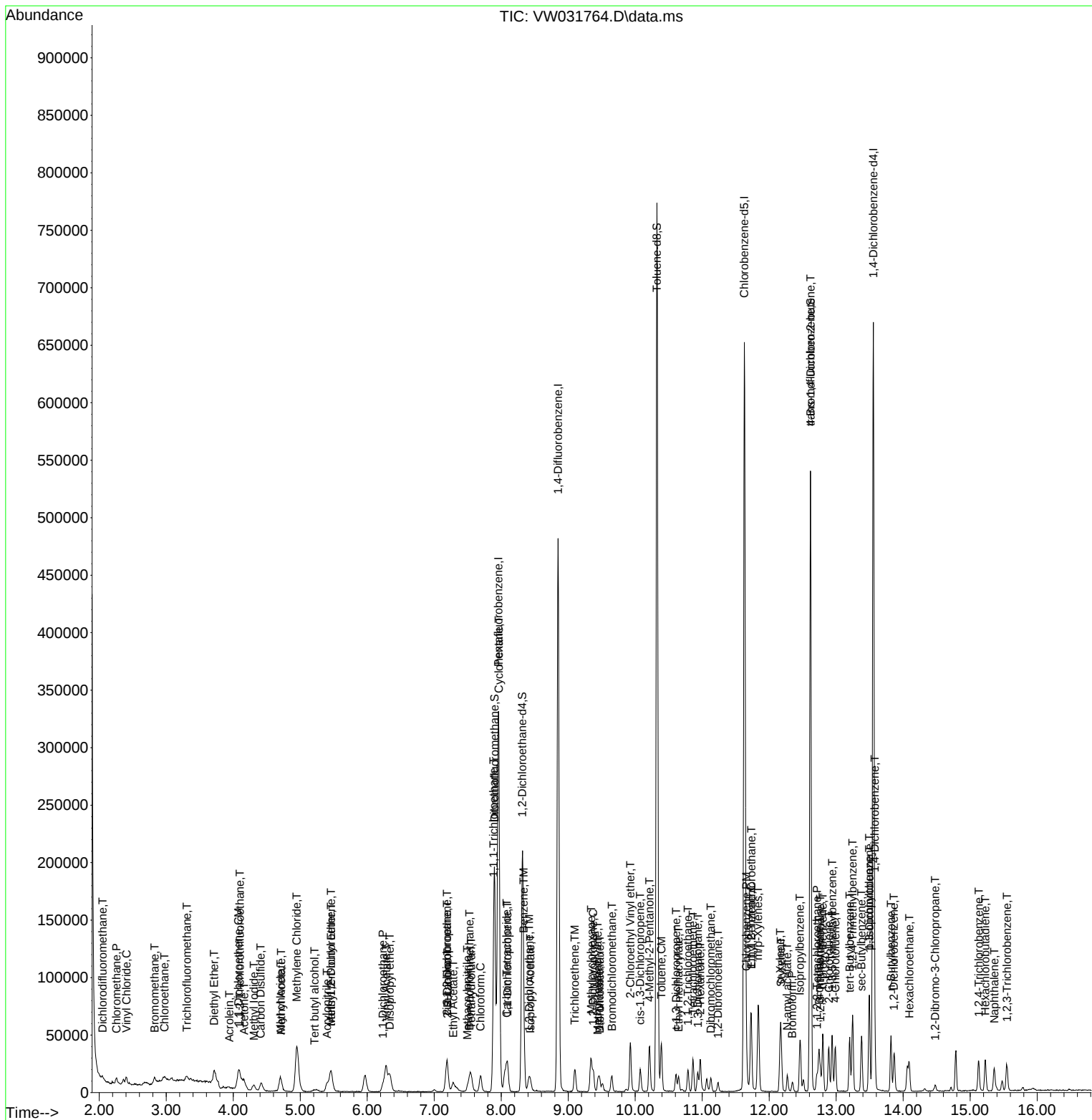
Instrument :
MSVOA_W
ClientSampleId :
MDL07

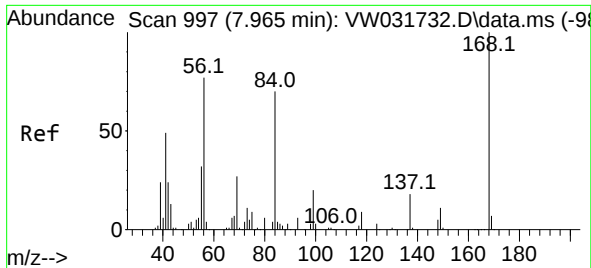
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Quant Title : SW846 8260
QLast Update : Fri Jul 04 05:03:10 2025
Response via : Initial Calibration

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

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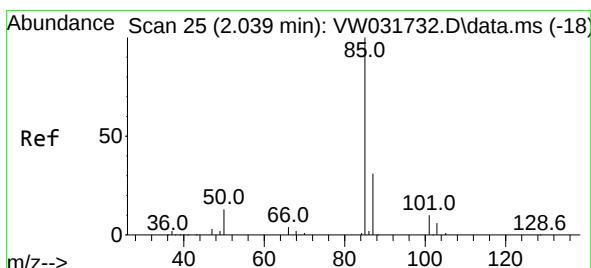
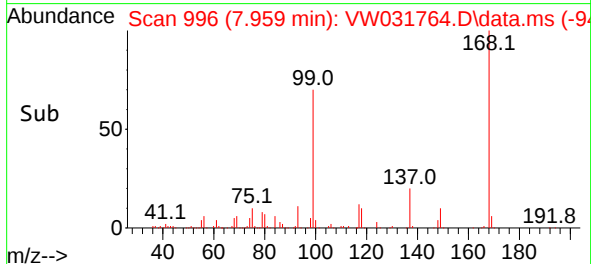
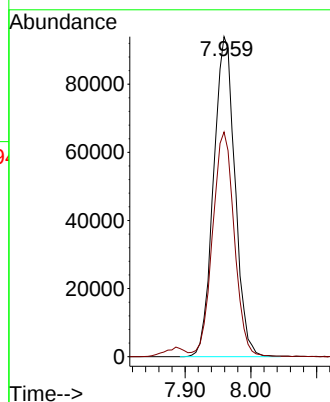
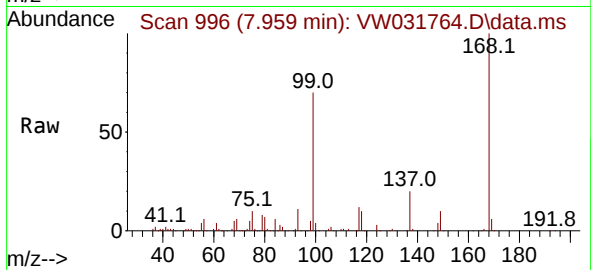




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031764.D
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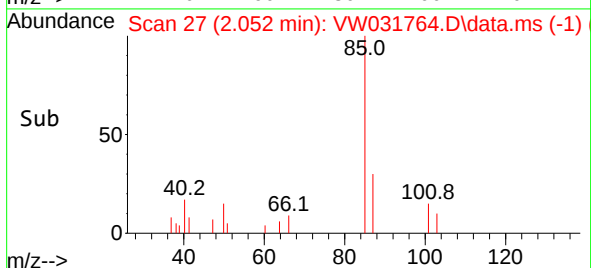
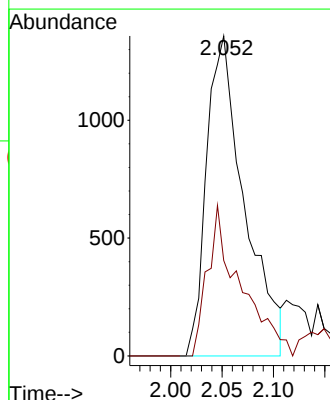
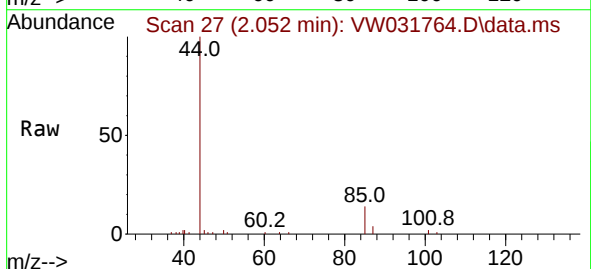
Instrument :
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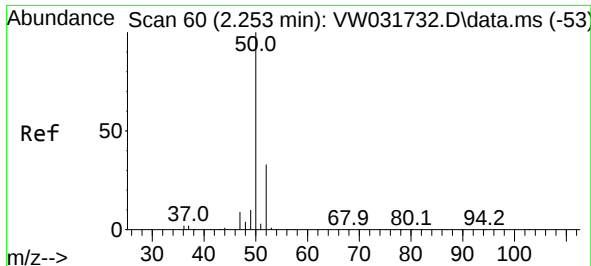
Tgt Ion:168 Resp: 213156
Ion Ratio Lower Upper
168 100
99 70.1 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 2.388 ug/l
RT: 2.052 min Scan# 27
Delta R.T. 0.012 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 85 Resp: 3467
Ion Ratio Lower Upper
85 100
87 29.8 15.4 46.2

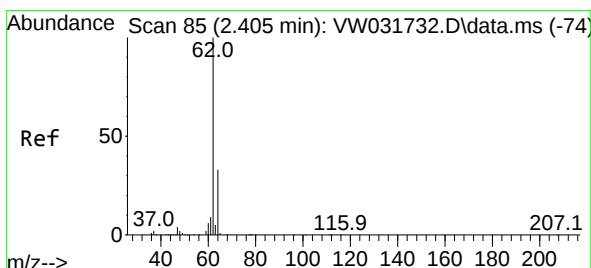
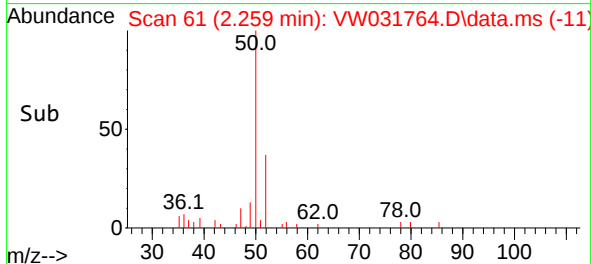
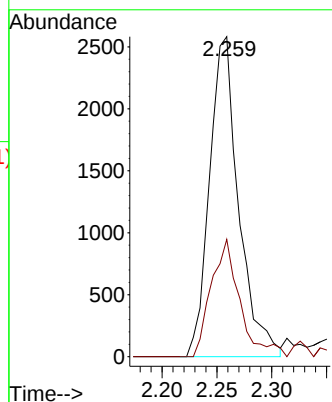
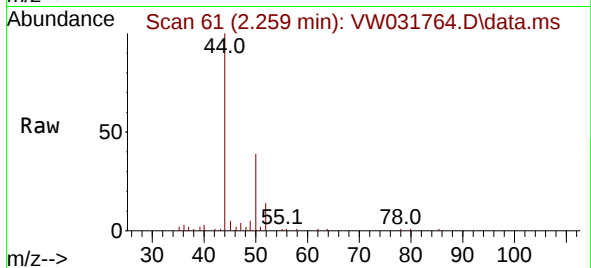




#3
Chloromethane
Concen: 2.728 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

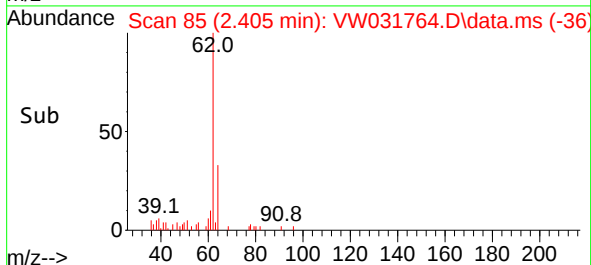
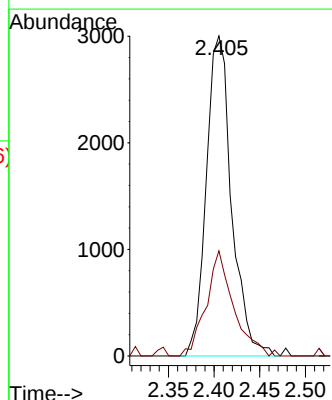
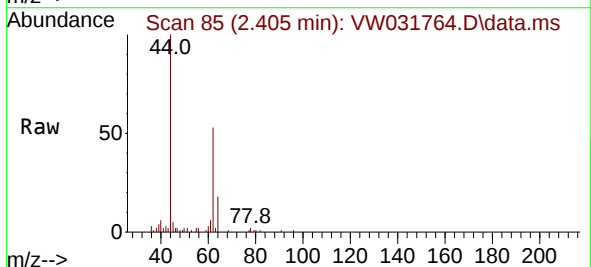
Instrument :
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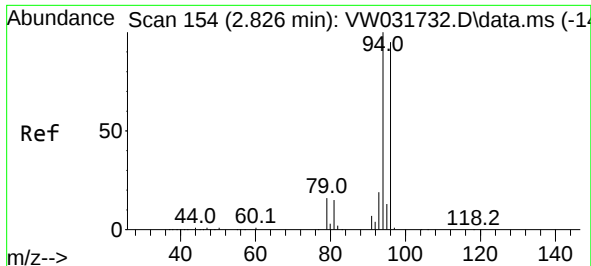
Tgt Ion: 50 Resp: 4775
Ion Ratio Lower Upper
50 100
52 36.6 26.2 39.2



#4
Vinyl Chloride
Concen: 2.508 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 62 Resp: 5769
Ion Ratio Lower Upper
62 100
64 32.9 26.8 40.2

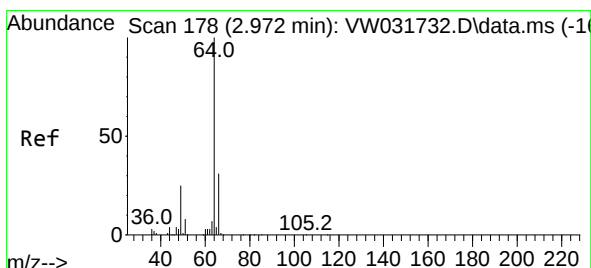
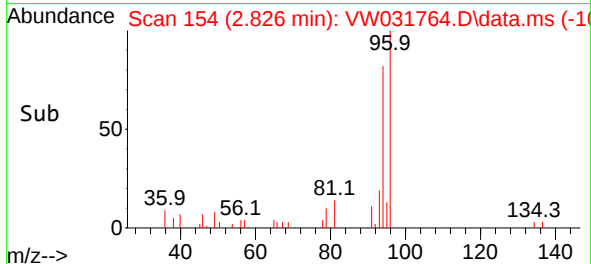
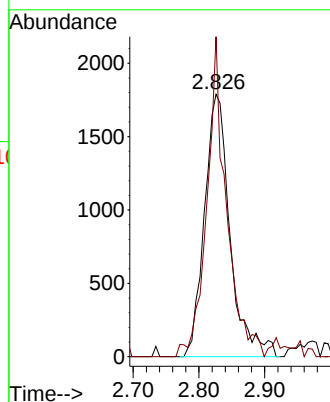
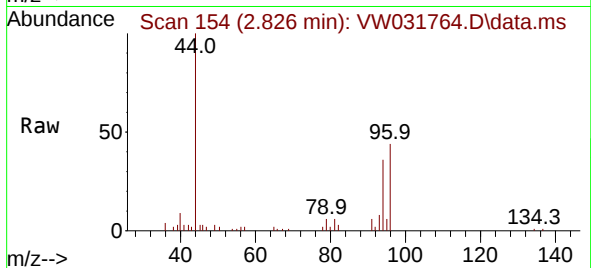




#5
Bromomethane
Concen: 2.696 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

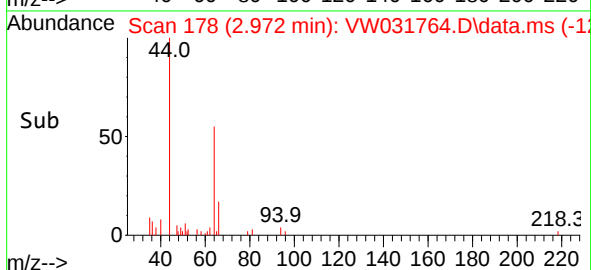
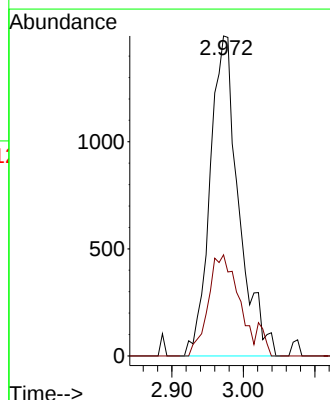
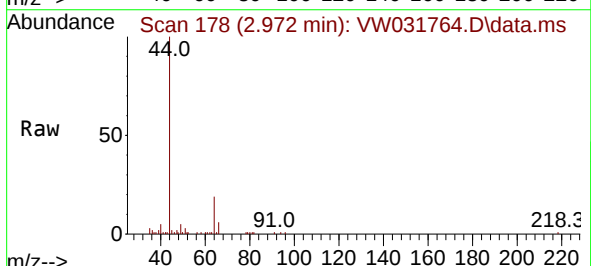
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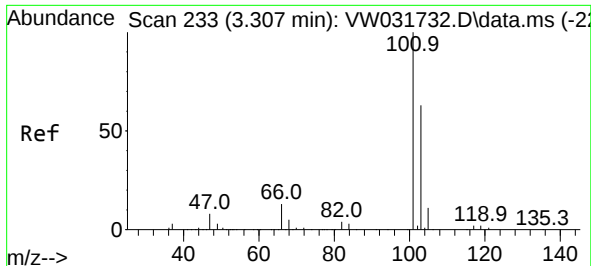
Tgt Ion: 94 Resp: 4844
Ion Ratio Lower Upper
94 100
96 118.7 75.6 113.4#



#6
Chloroethane
Concen: 2.667 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 64 Resp: 4167
Ion Ratio Lower Upper
64 100
66 31.6 24.5 36.7

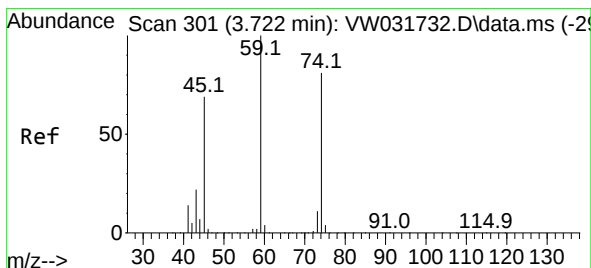
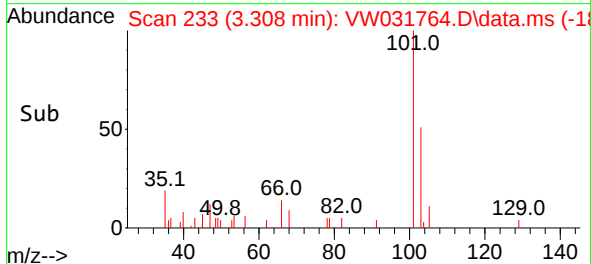
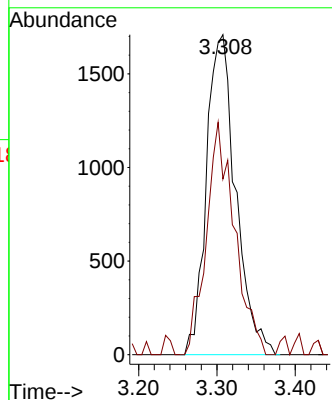
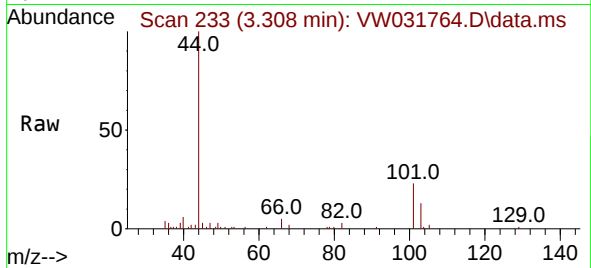




#7
 Trichlorofluoromethane
 Concen: 2.124 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031764.D
 Acq: 03 Jul 2025 14:42

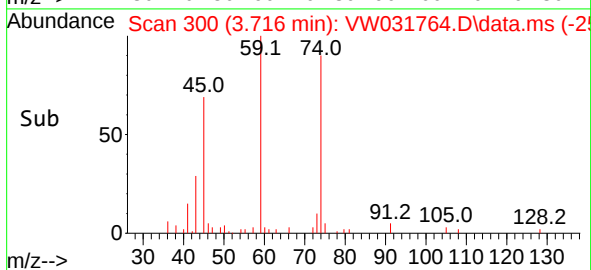
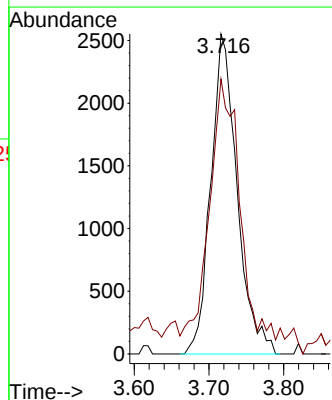
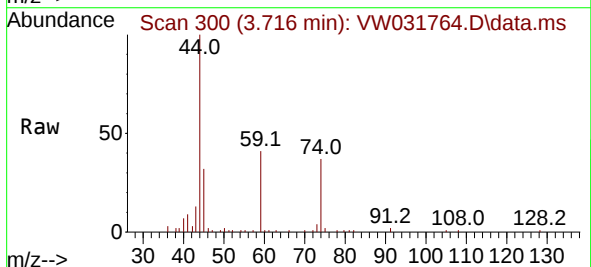
Instrument :
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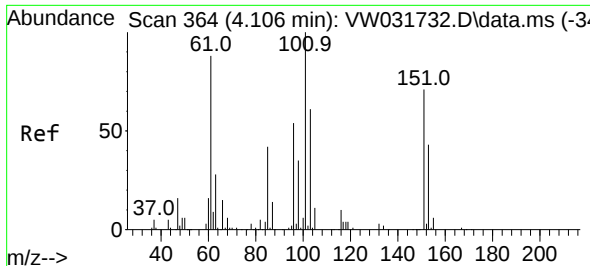
Tgt Ion:101 Resp: 4437
 Ion Ratio Lower Upper
 101 100
 103 54.9 50.2 75.4



#8
 Diethyl Ether
 Concen: 3.925 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 6230
 Ion Ratio Lower Upper
 74 100
 45 94.2 43.9 131.7

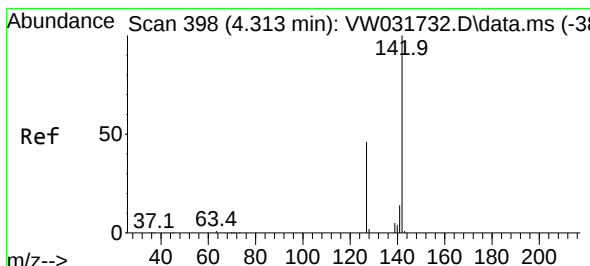
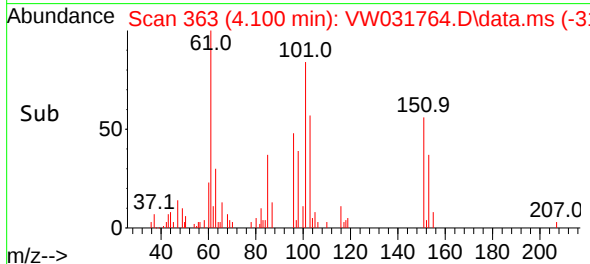
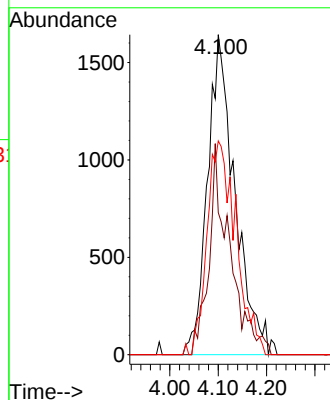
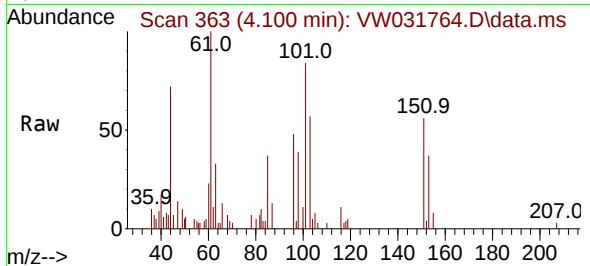




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.798 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

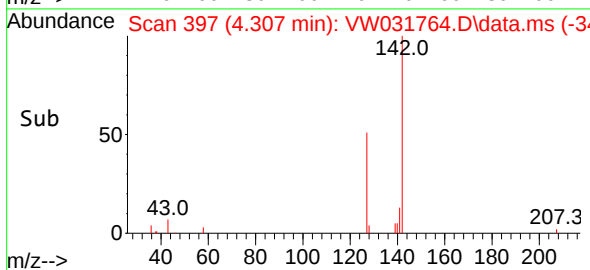
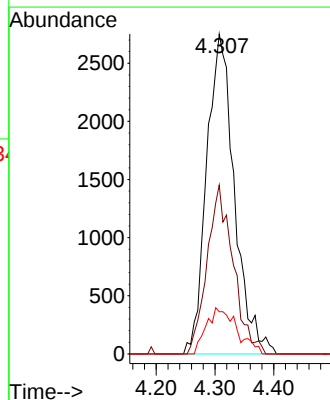
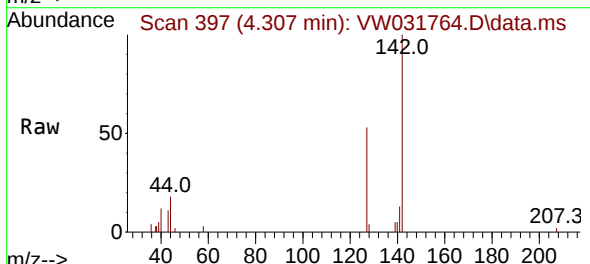
Instrument :
MSVOA_W
ClientSampleId :
MDL07

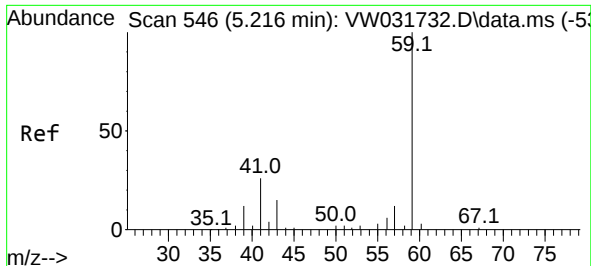
Tgt Ion:	101	Resp:	6487
Ion	Ratio	Lower	Upper
101	100		
85	48.4	35.6	53.4
151	70.2	56.8	85.2



#10
Methyl Iodide
Concen: 2.523 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:	142	Resp:	9019
Ion	Ratio	Lower	Upper
142	100		
127	49.6	37.9	56.9
141	15.8	11.7	17.5

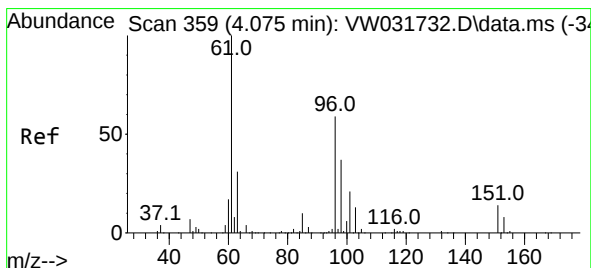
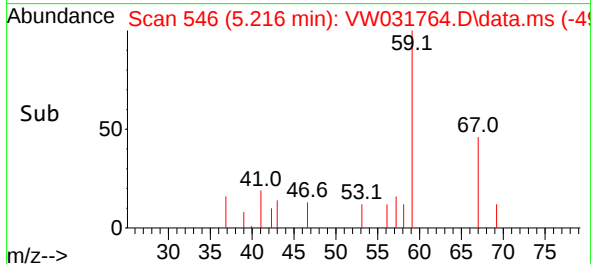
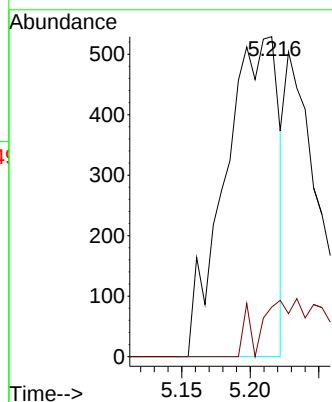
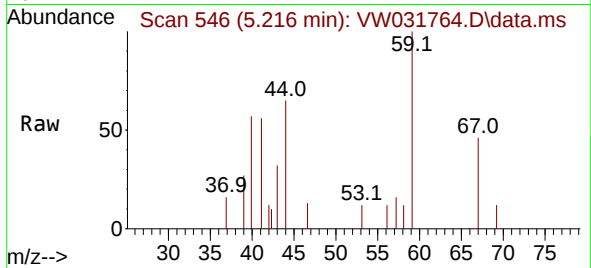




#11
Tert butyl alcohol
Concen: 7.567 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

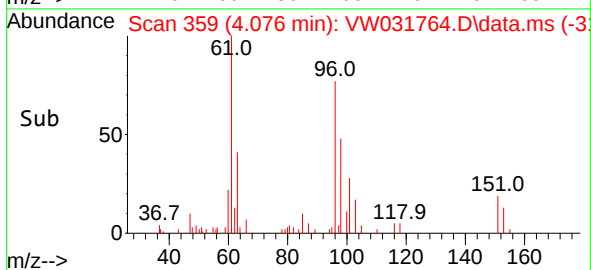
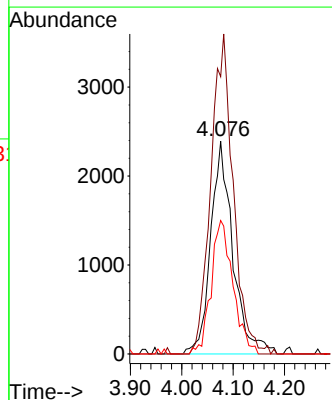
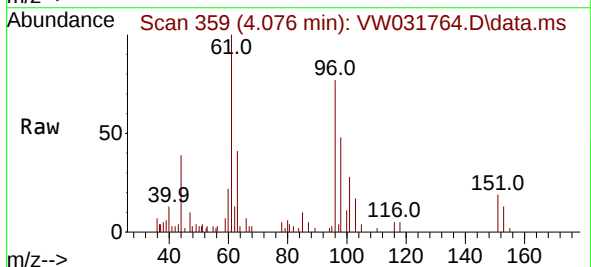
Instrument :
MSVOA_W
ClientSampleId :
MDL07

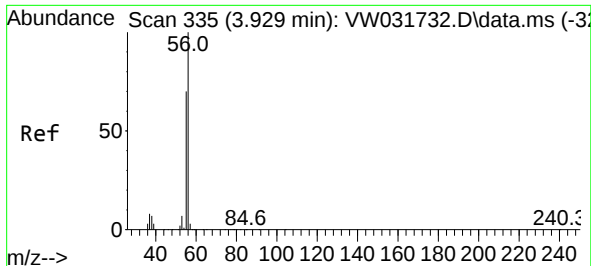
Tgt Ion: 59 Resp: 1434
Ion Ratio Lower Upper
59 100
57 7.9 9.5 14.3#



#12
1,1-Dichloroethene
Concen: 2.826 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 96 Resp: 7177
Ion Ratio Lower Upper
96 100
61 130.3 135.8 203.8#
98 62.8 50.4 75.6

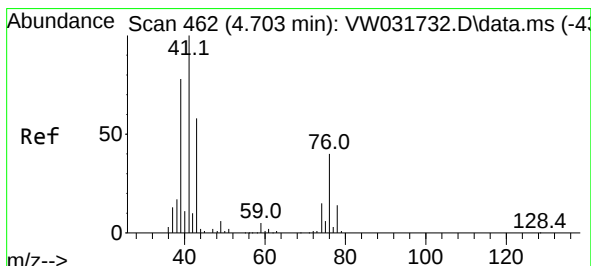
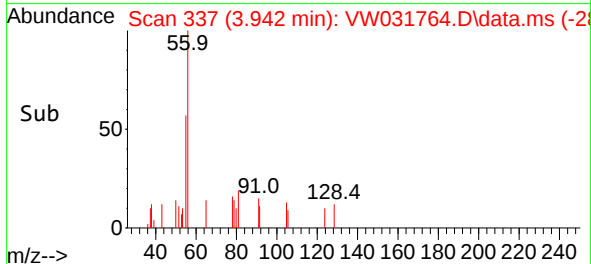
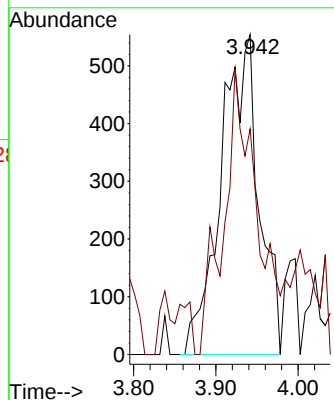
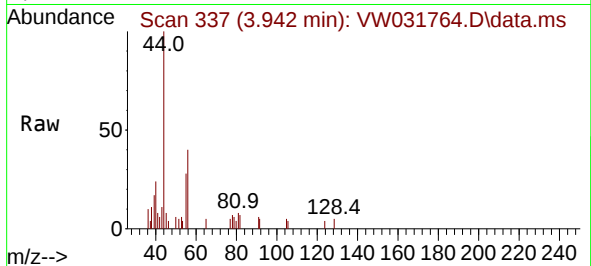




#13
Acrolein
Concen: 5.240 ug/l
RT: 3.942 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

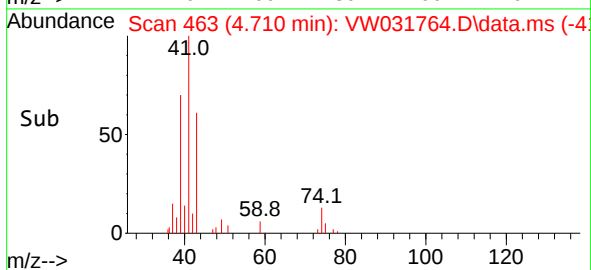
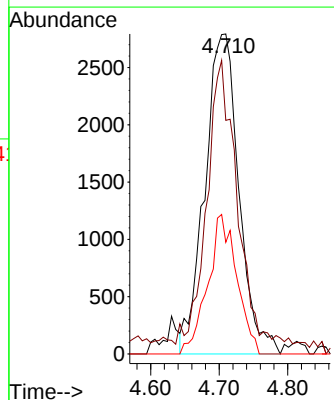
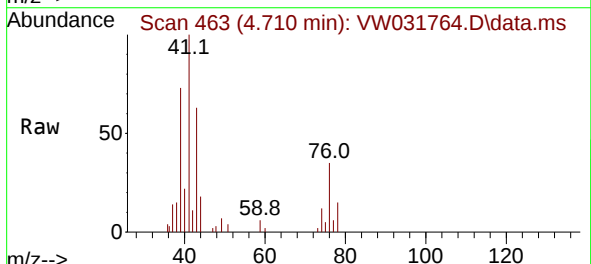
Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion: 56 Resp: 1785
Ion Ratio Lower Upper
56 100
55 49.7 54.0 81.0#



#14
Allyl chloride
Concen: 2.478 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 41 Resp: 9656
Ion Ratio Lower Upper
41 100
39 81.1 60.7 91.1
76 37.1 30.3 45.5

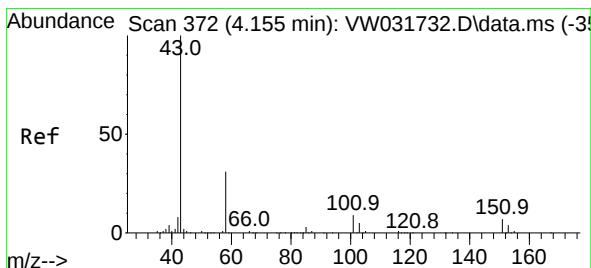
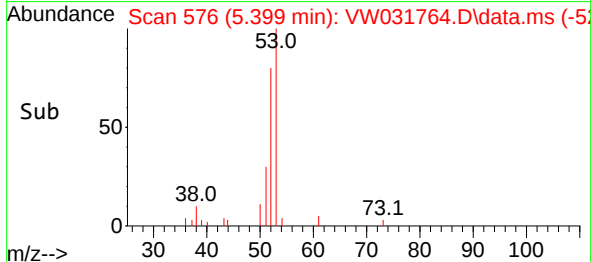
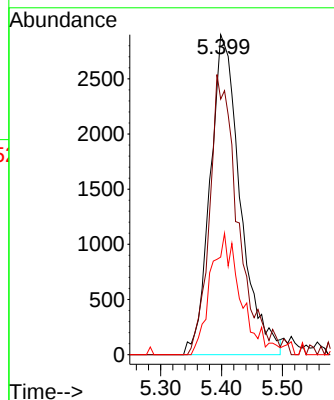
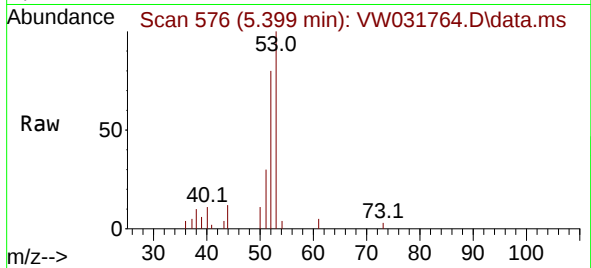




#15
Acrylonitrile
Concen: 12.764 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

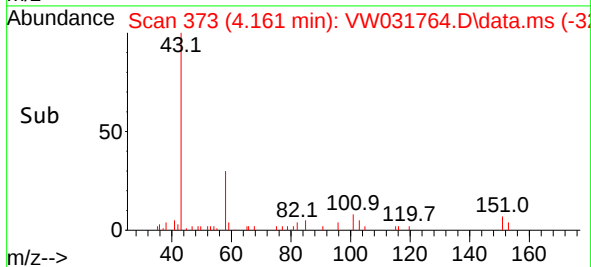
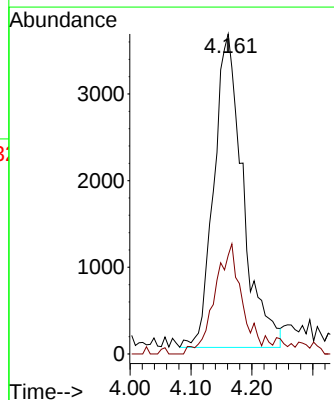
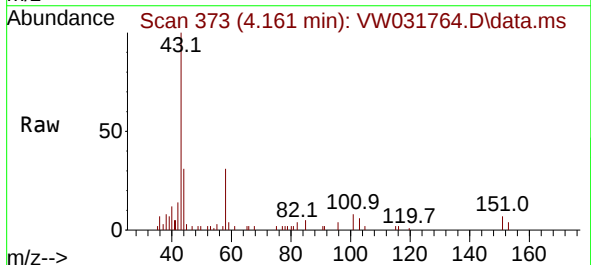
Instrument :
MSVOA_W
ClientSampleId :
MDL07

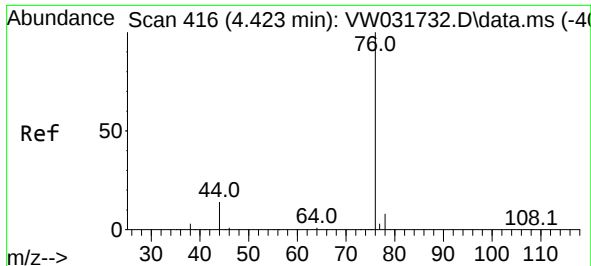
Tgt Ion:	53	Resp:	9964
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.4	99.6
51	38.2	29.9	44.9



#16
Acetone
Concen: 15.870 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:	43	Resp:	11999
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.8	37.2

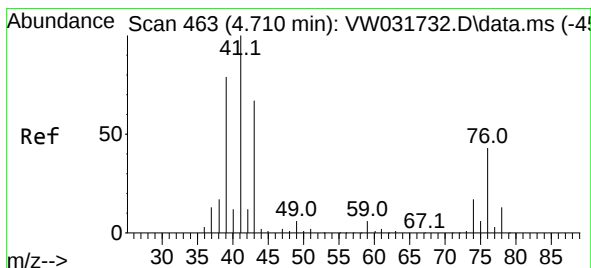
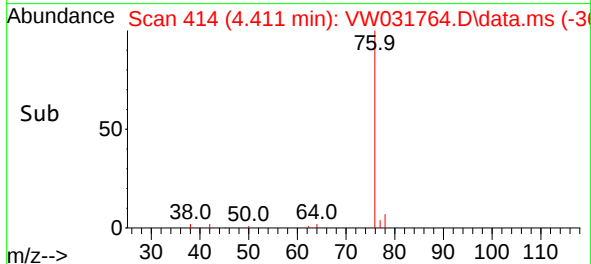
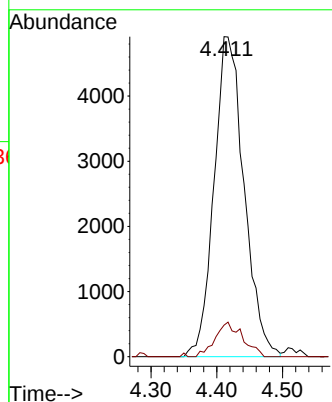
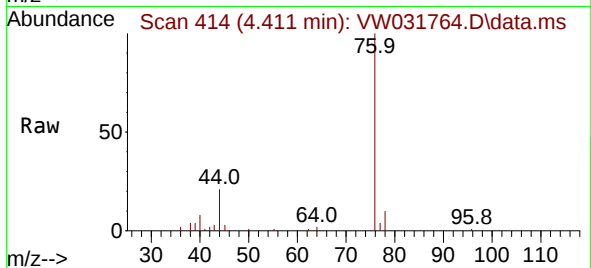




#17
Carbon Disulfide
Concen: 2.293 ug/l
RT: 4.411 min Scan# 416
Delta R.T. -0.012 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

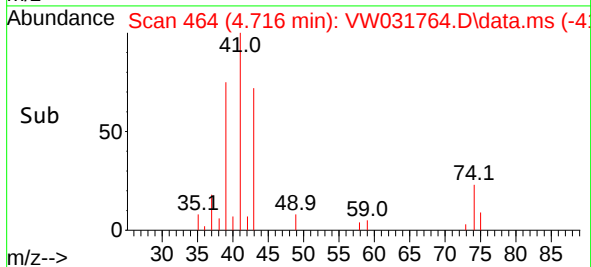
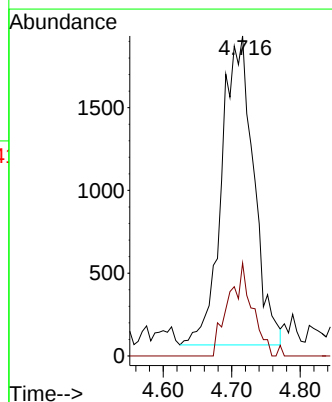
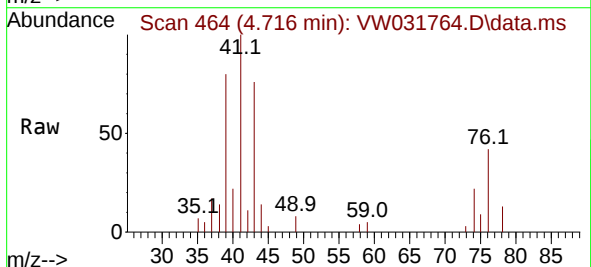
Instrument :
MSVOA_W
ClientSampleId :
MDL07

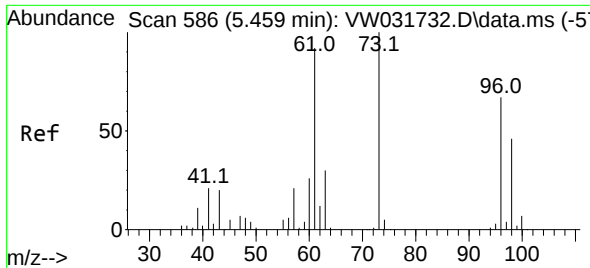
Tgt Ion: 76 Resp: 15582
Ion Ratio Lower Upper
76 100
78 9.8 6.6 10.0



#18
Methyl Acetate
Concen: 2.791 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 43 Resp: 6031
Ion Ratio Lower Upper
43 100
74 22.3 20.6 30.8

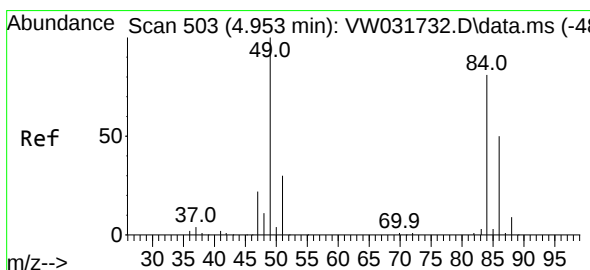
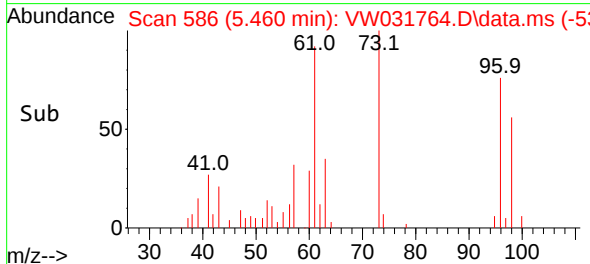
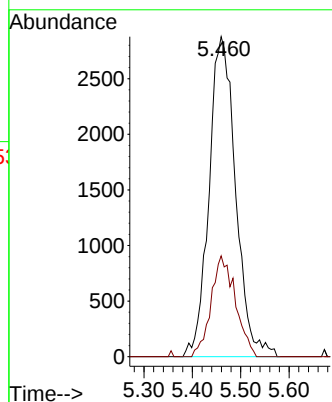
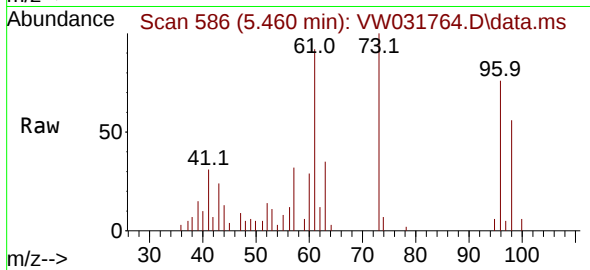




#19
Methyl tert-butyl Ether
Concen: 2.554 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

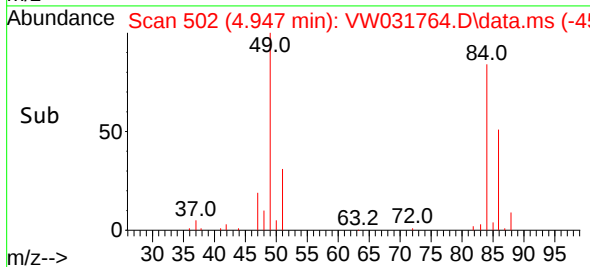
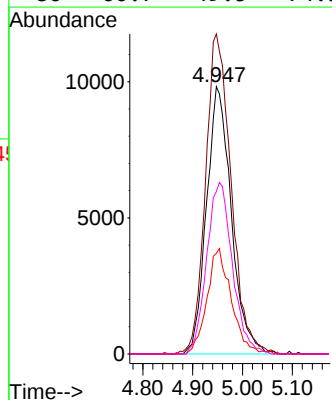
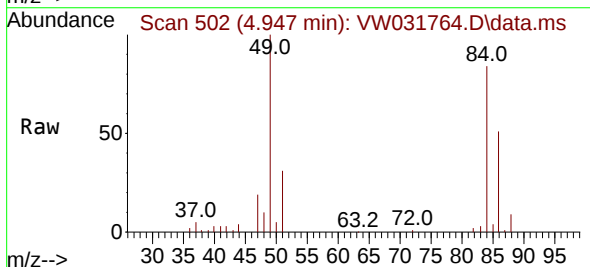
Instrument :
MSVOA_W
ClientSampleId :
MDL07

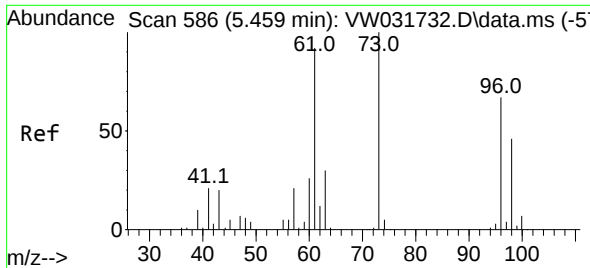
Tgt Ion: 73 Resp: 11010
Ion Ratio Lower Upper
73 100
57 31.5 17.2 25.8#



#20
Methylene Chloride
Concen: 9.787 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 84 Resp: 33984
Ion Ratio Lower Upper
84 100
49 119.7 98.2 147.4
51 37.6 29.8 44.8
86 60.7 49.5 74.3

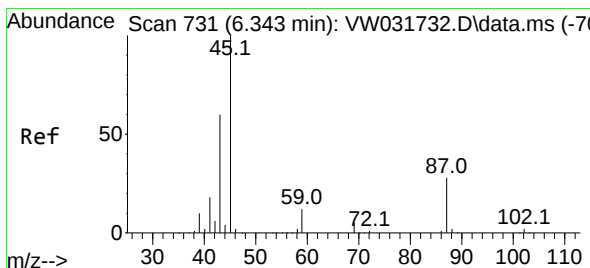
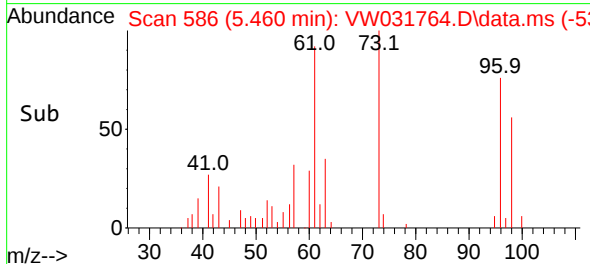
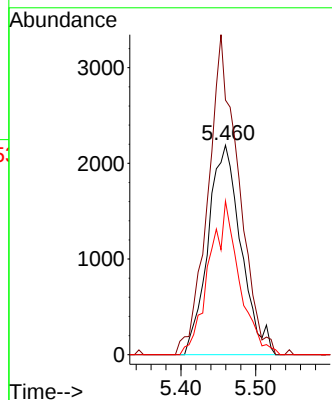
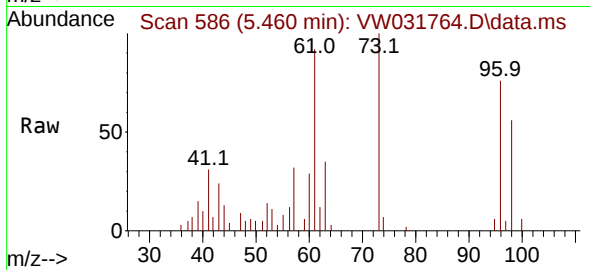




#21
trans-1,2-Dichloroethene
Concen: 2.483 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

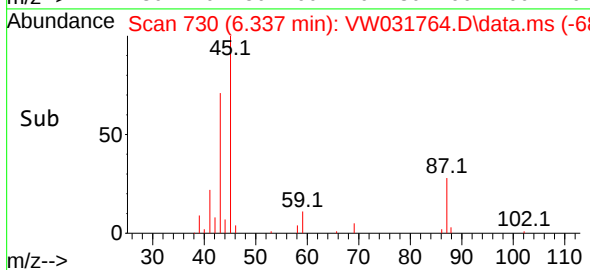
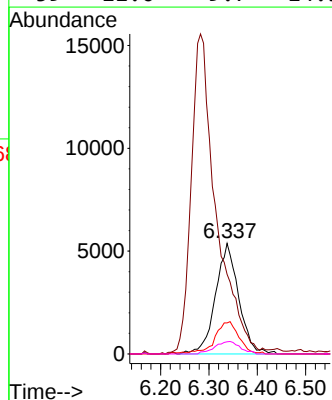
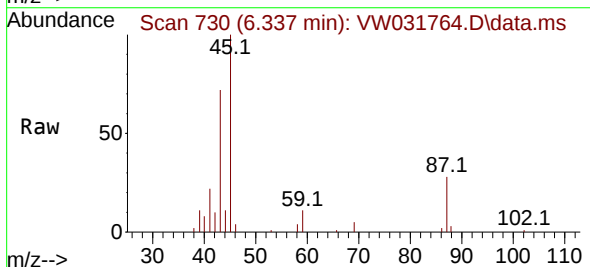
Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion: 96 Resp: 6701
Ion Ratio Lower Upper
96 100
61 121.5 109.8 164.6
98 73.3 54.9 82.3



#22
Diisopropyl ether
Concen: 2.348 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 45 Resp: 17849
Ion Ratio Lower Upper
45 100
43 68.3 48.3 72.5
87 28.1 22.6 34.0
59 11.0 9.7 14.5

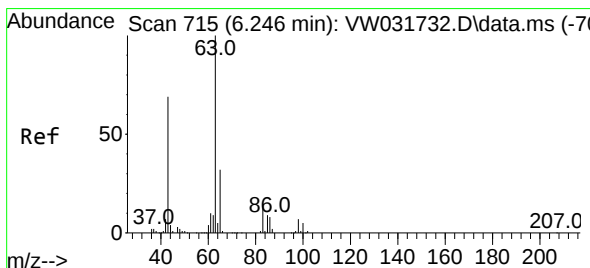
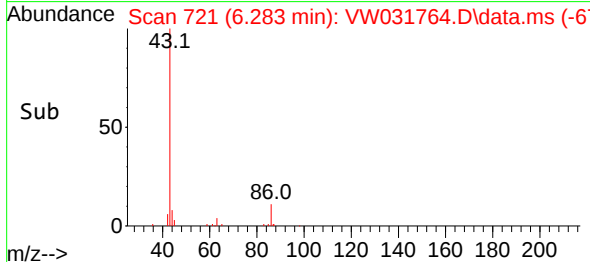
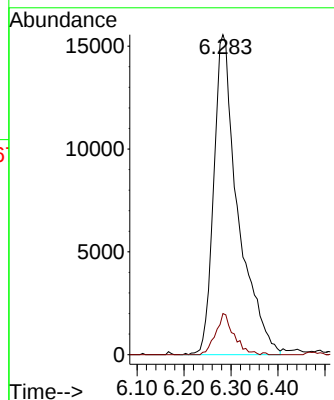
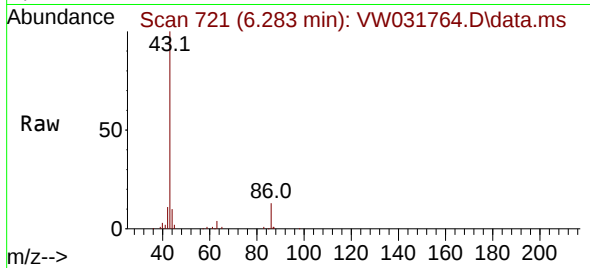




#23
 Vinyl Acetate
 Concen: 10.719 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW031764.D
 Acq: 03 Jul 2025 14:42

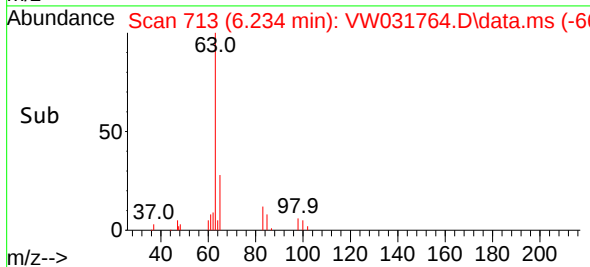
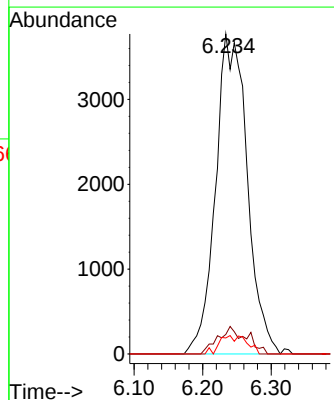
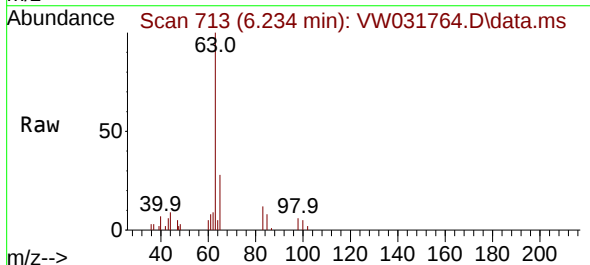
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

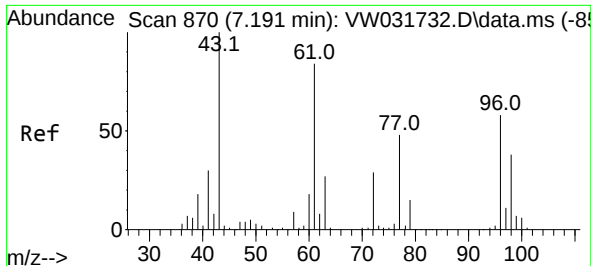
Tgt Ion: 43 Resp: 55647
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 2.449 ug/l
 RT: 6.234 min Scan# 713
 Delta R.T. -0.012 min
 Lab File: VW031764.D
 Acq: 03 Jul 2025 14:42

Tgt Ion: 63 Resp: 12069
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 5.0 2.5 7.5

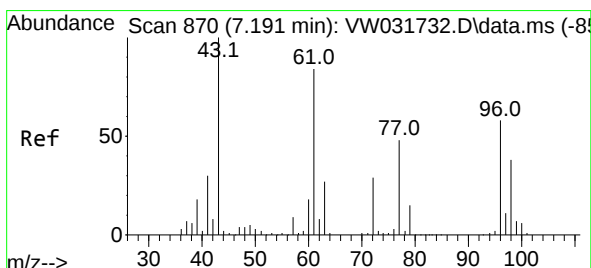
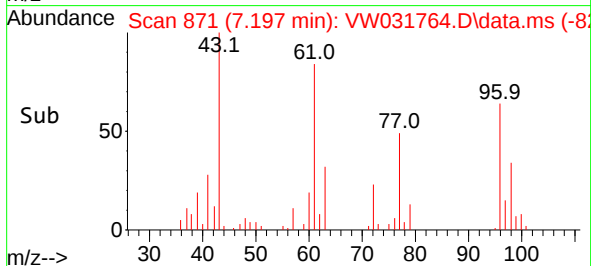
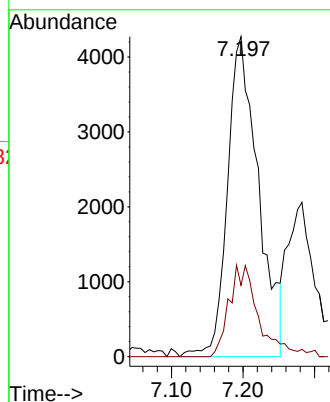
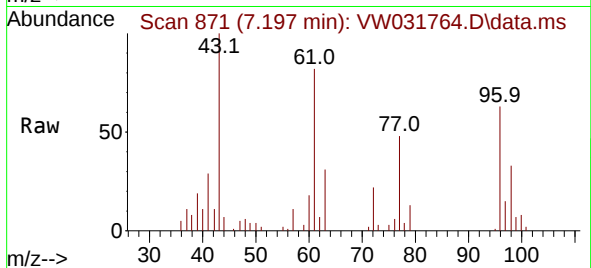




#25
2-Butanone
Concen: 13.027 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

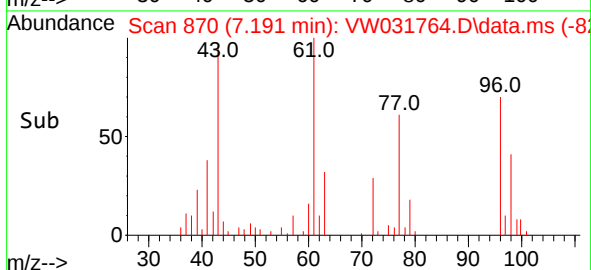
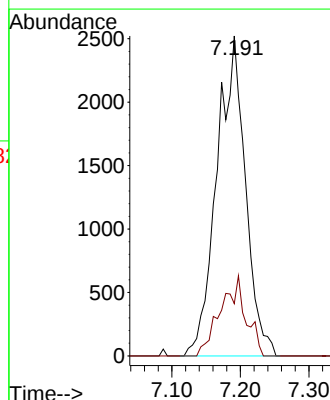
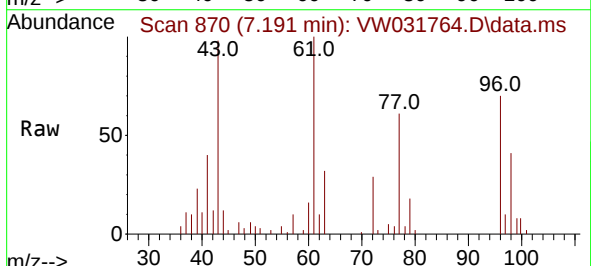
Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 12814
Ion Ratio Lower Upper
43 100
72 22.3 23.0 34.6#



#26
2,2-Dichloropropane
Concen: 2.542 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 77 Resp: 7307
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 2.438 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

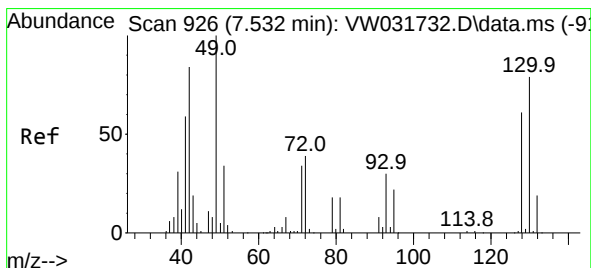
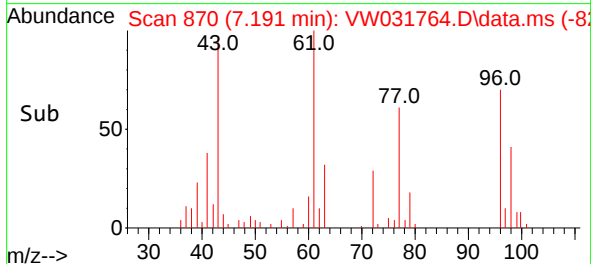
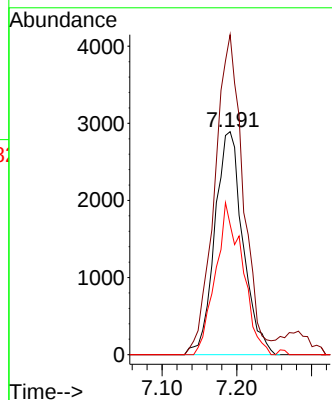
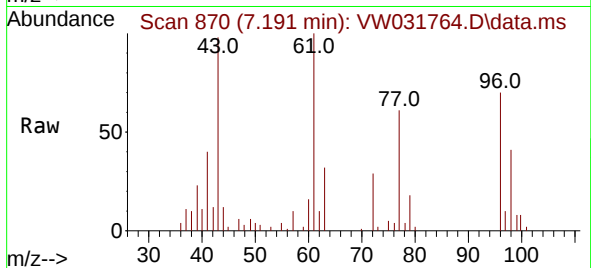
Tgt Ion: 96 Resp: 7563

Ion Ratio Lower Upper

96 100

61 145.9 0.0 286.8

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 2.700 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

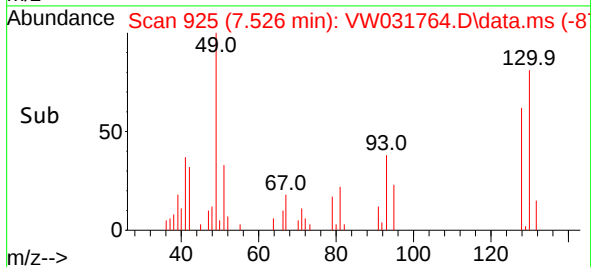
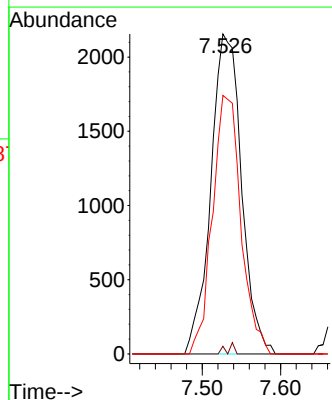
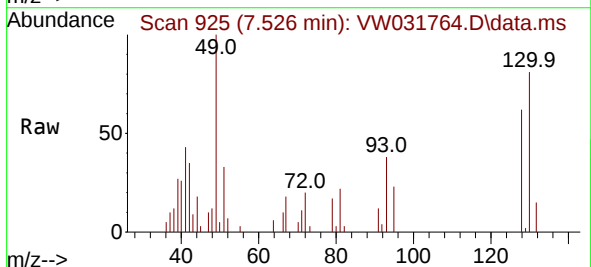
Tgt Ion: 49 Resp: 5870

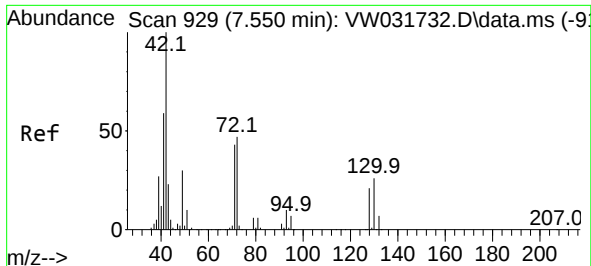
Ion Ratio Lower Upper

49 100

129 0.3 0.0 2.4

130 74.7 61.3 91.9





#29

Tetrahydrofuran

Concen: 12.602 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

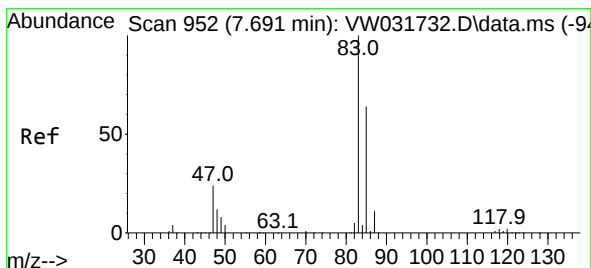
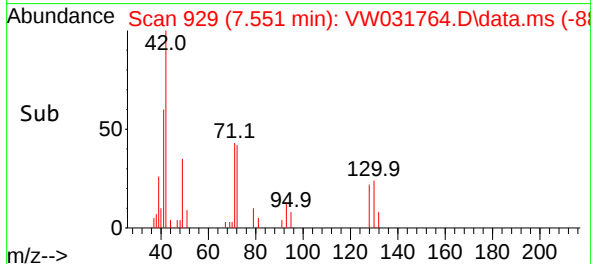
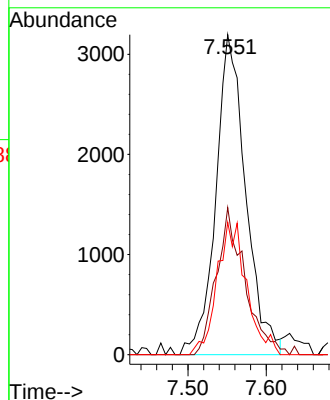
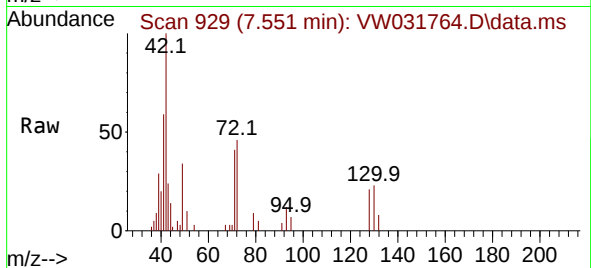
Tgt Ion: 42 Resp: 8489

Ion Ratio Lower Upper

42 100

72 43.7 36.8 55.2

71 40.8 34.6 52.0



#30

Chloroform

Concen: 2.507 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031764.D

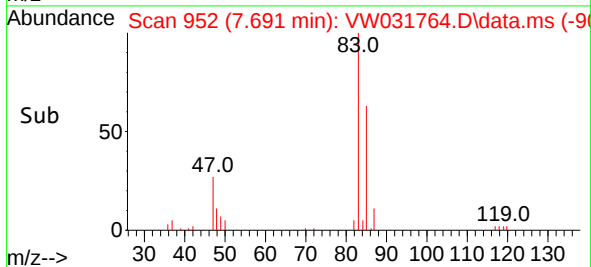
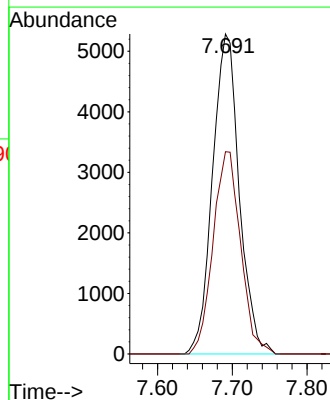
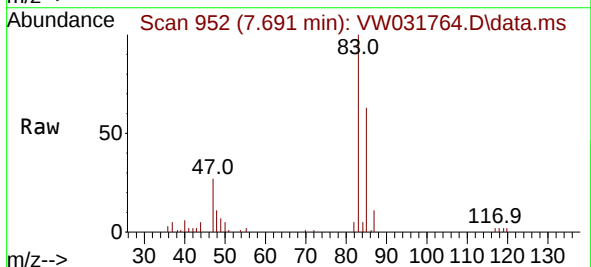
Acq: 03 Jul 2025 14:42

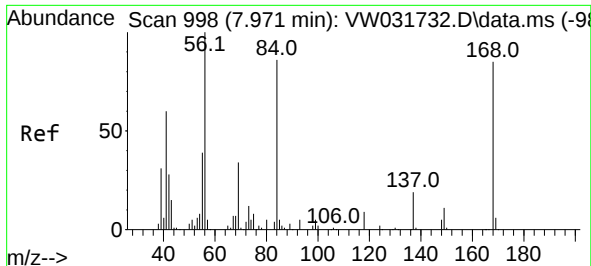
Tgt Ion: 83 Resp: 13125

Ion Ratio Lower Upper

83 100

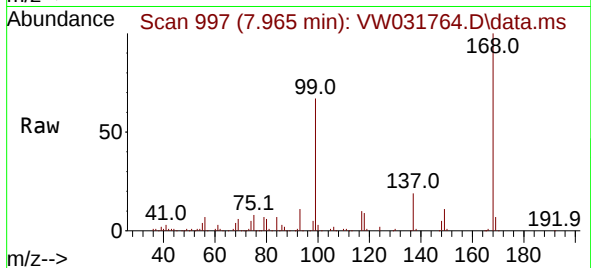
85 63.2 51.4 77.0



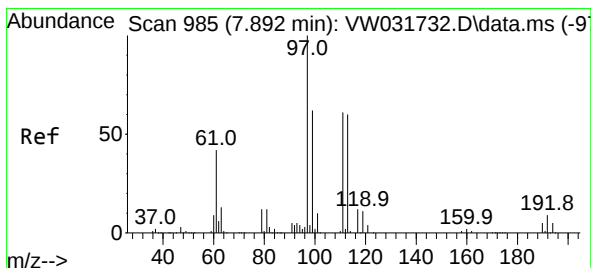
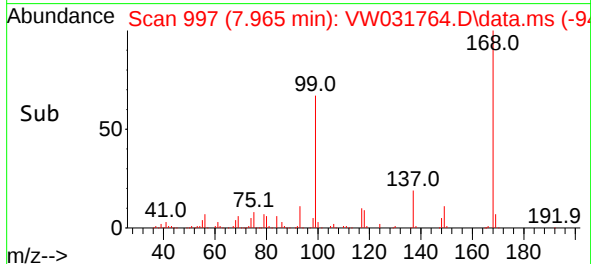
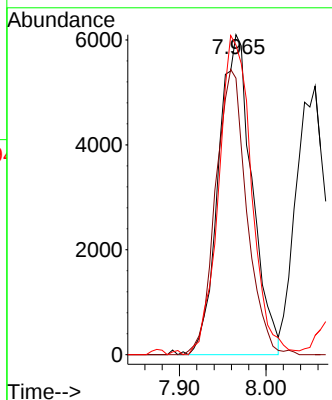


#31
Cyclohexane
Concen: 3.759 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Instrument :
MSVOA_W
ClientSampleId :
MDL07

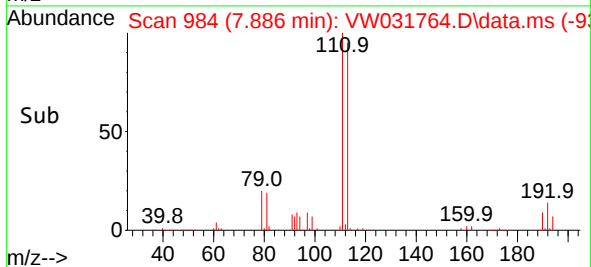
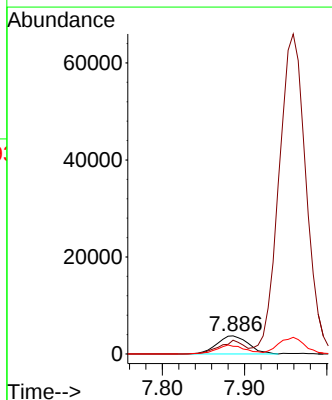
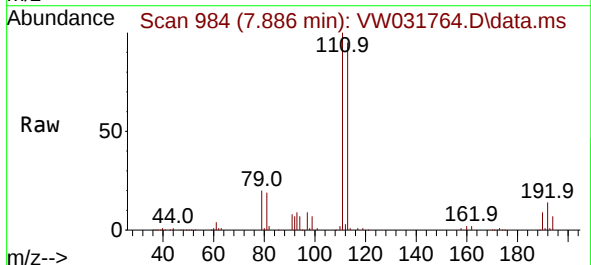


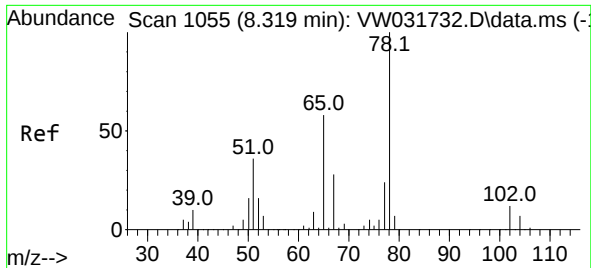
Tgt Ion: 56 Resp: 16374
Ion Ratio Lower Upper
56 100
69 86.4 27.2 40.8#
84 95.5 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 2.462 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 97 Resp: 9936
Ion Ratio Lower Upper
97 100
99 57.4 51.0 76.6
61 45.1 36.0 54.0

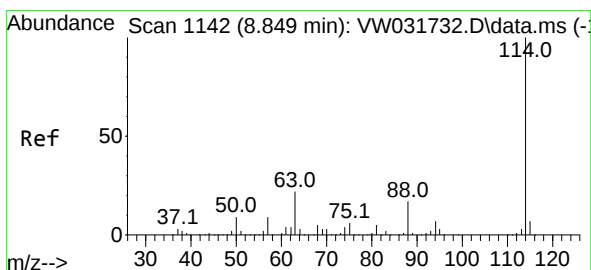
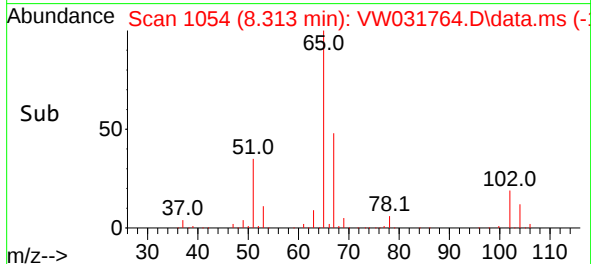
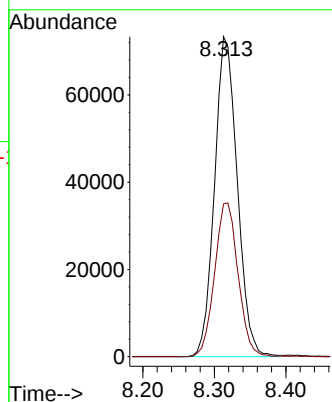
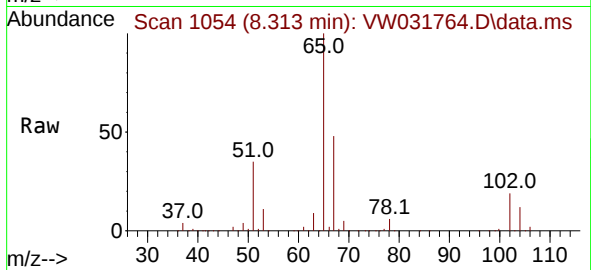




#33
 1,2-Dichloroethane-d4
 Concen: 53.041 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031764.D
 Acq: 03 Jul 2025 14:42

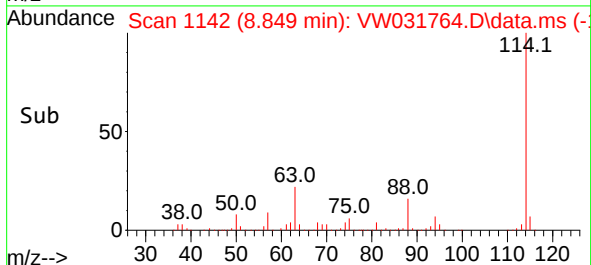
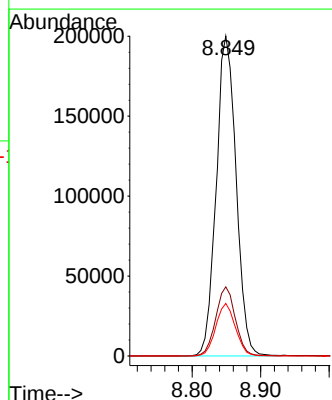
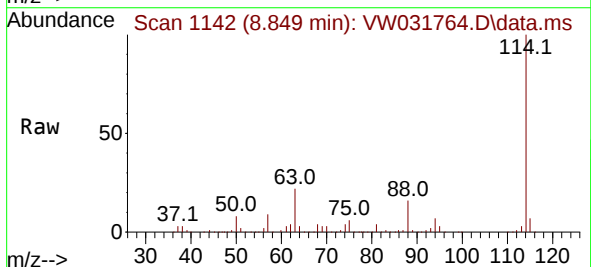
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

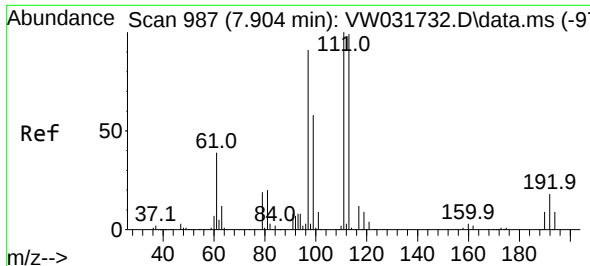
Tgt Ion: 65 Resp: 162255
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031764.D
 Acq: 03 Jul 2025 14:42

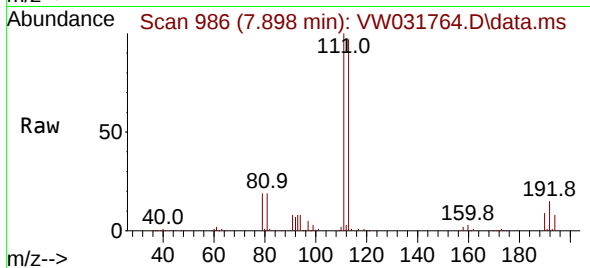
Tgt Ion: 114 Resp: 402234
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.6
 88 16.4 0.0 34.2



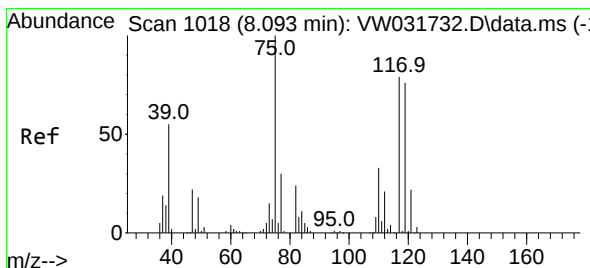
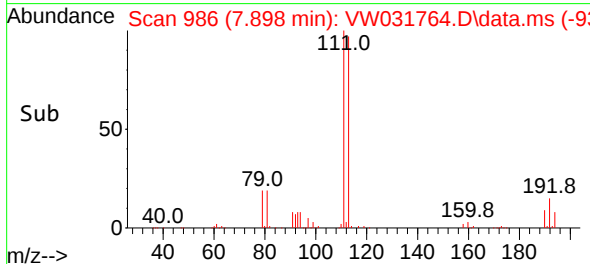
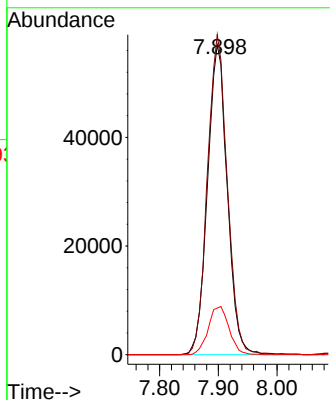


#35
 Dibromofluoromethane
 Concen: 50.784 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031764.D
 Acq: 03 Jul 2025 14:42

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

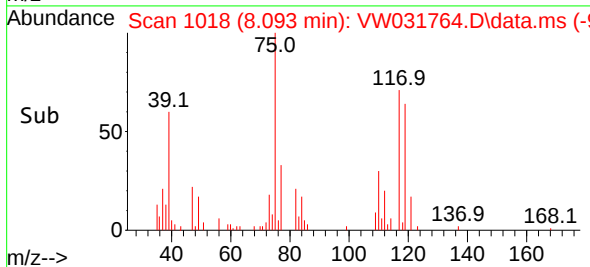
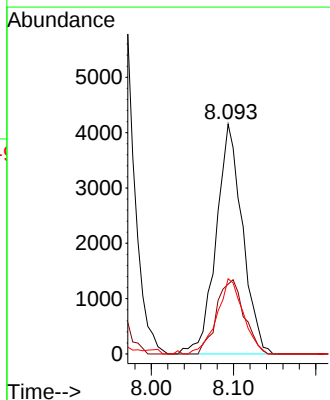
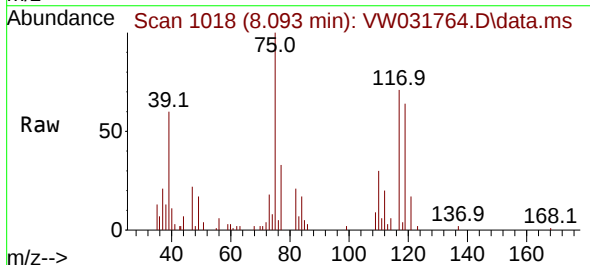


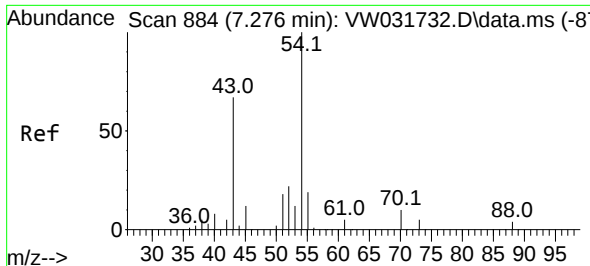
Tgt Ion:	113	Resp:	133296
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.1	123.1
192	16.4	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 2.435 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031764.D
 Acq: 03 Jul 2025 14:42

Tgt Ion:	75	Resp:	9247
Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.8	50.4
77	32.7	25.0	37.6

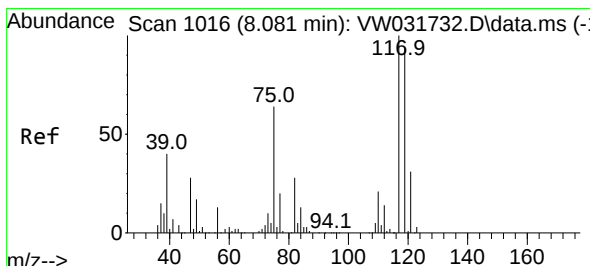
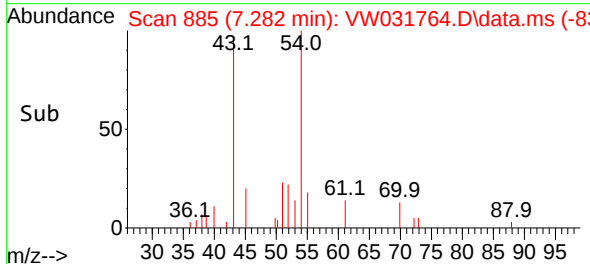
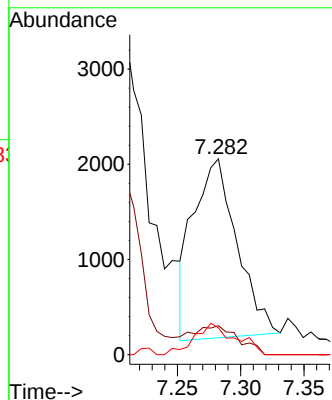
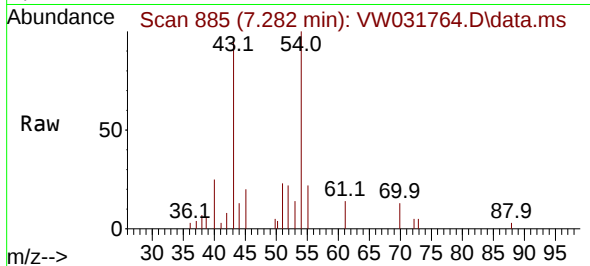




#37
Ethyl Acetate
Concen: 1.887 ug/l
RT: 7.282 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

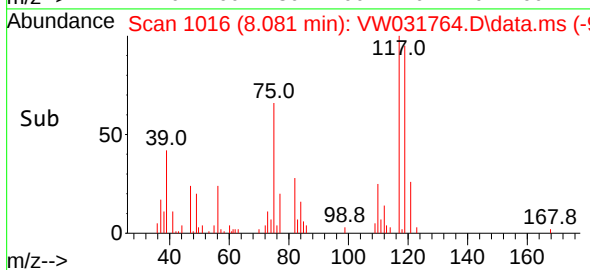
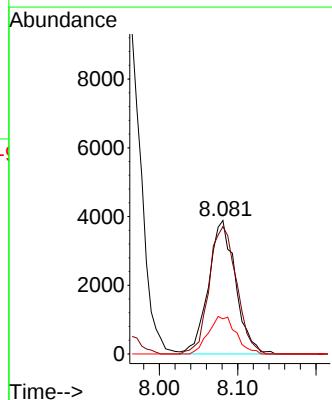
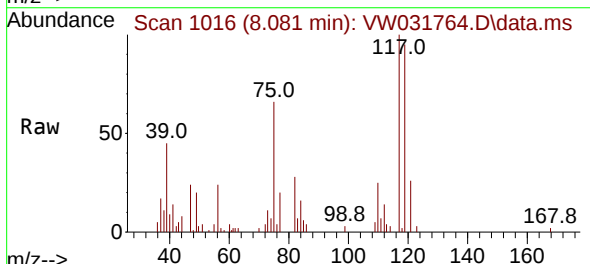
Instrument :
MSVOA_W
ClientSampleId :
MDL07

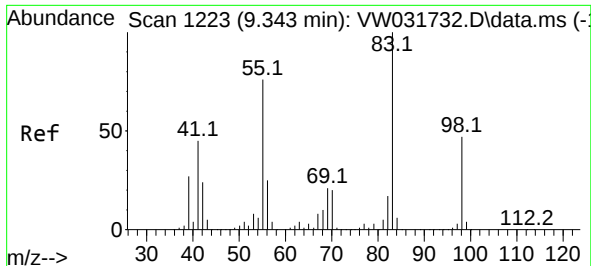
Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
61 17.2 10.9 16.3#
70 16.2 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 2.414 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 117 Resp: 9343
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.6
121 26.4 24.6 37.0





#39

Methylcyclohexane

Concen: 2.417 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

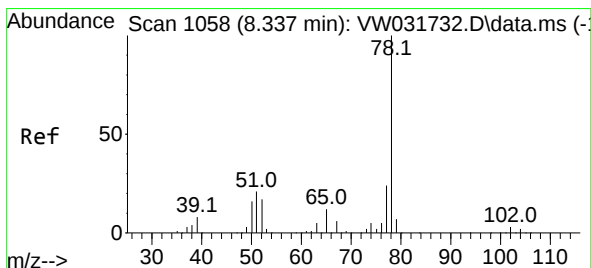
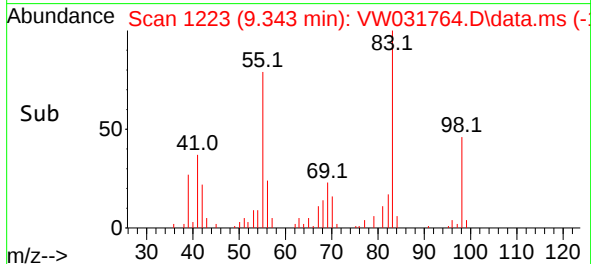
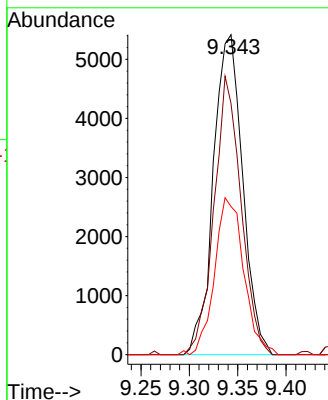
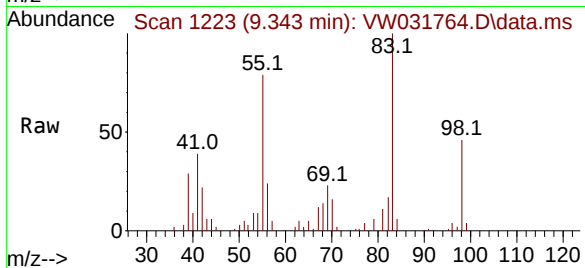
Tgt Ion: 83 Resp: 11420

Ion Ratio Lower Upper

83 100

55 78.5 61.0 91.4

98 46.3 37.9 56.9



#40

Benzene

Concen: 2.384 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031764.D

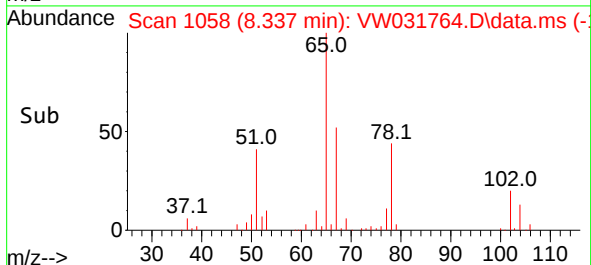
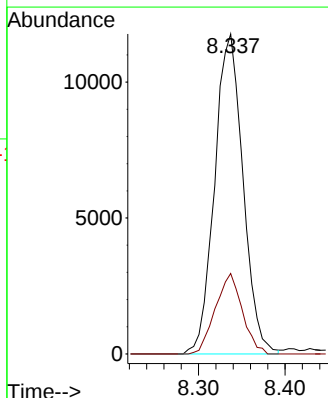
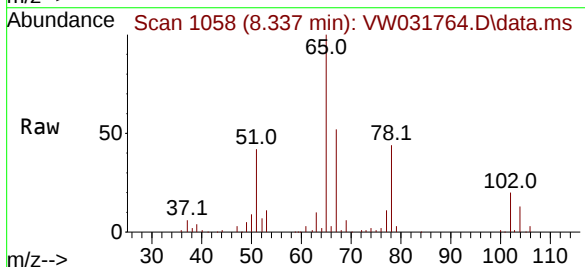
Acq: 03 Jul 2025 14:42

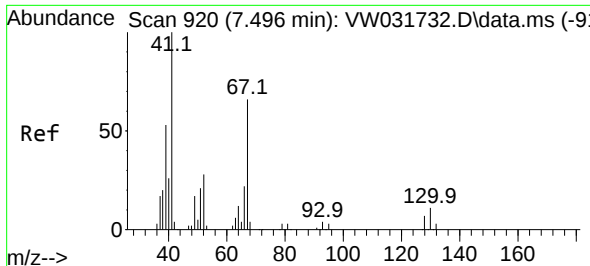
Tgt Ion: 78 Resp: 26789

Ion Ratio Lower Upper

78 100

77 25.2 19.2 28.8

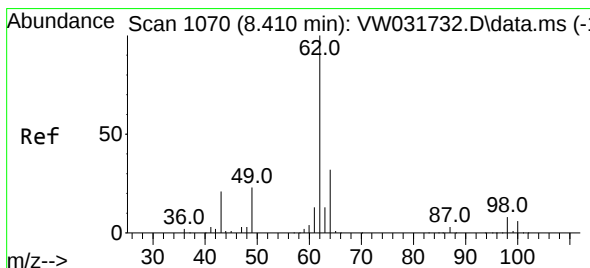
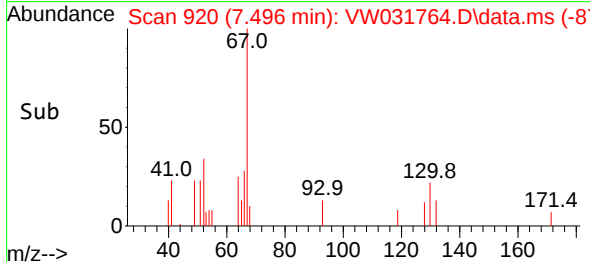
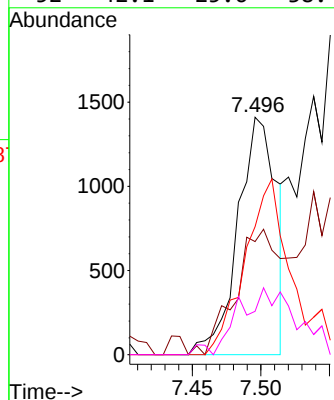
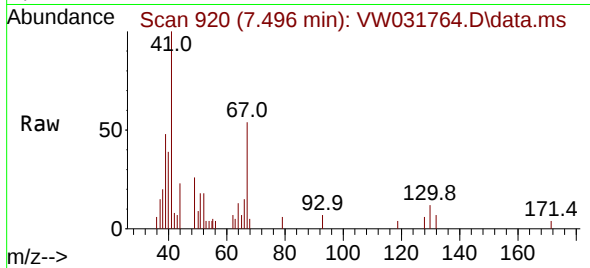




#41
Methacrylonitrile
Concen: 2.162 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

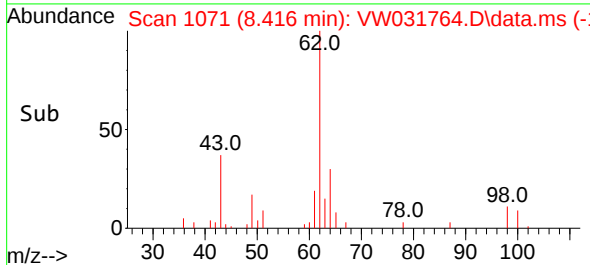
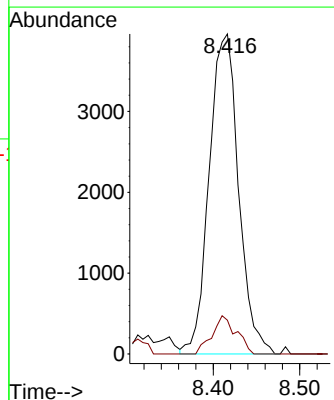
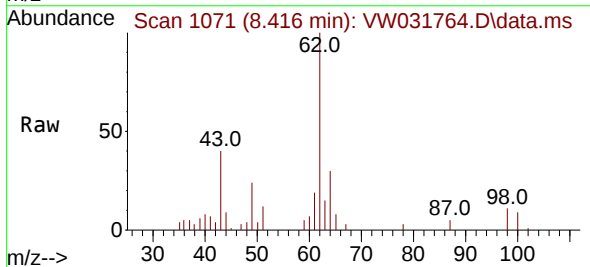
Instrument :
MSVOA_W
ClientSampleId :
MDL07

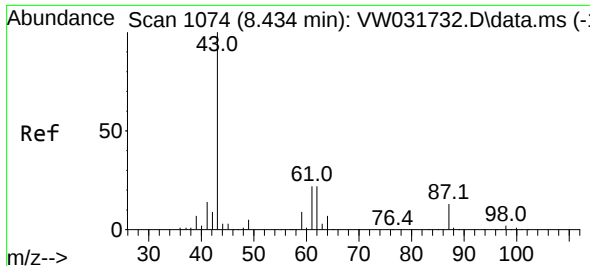
Tgt Ion:	41	Resp:	2775
Ion	Ratio	Lower	Upper
41	100		
39	58.0	43.2	64.8
67	89.1	58.1	87.1#
52	42.1	25.6	38.4#



#42
1,2-Dichloroethane
Concen: 2.459 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:	62	Resp:	9337
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.2

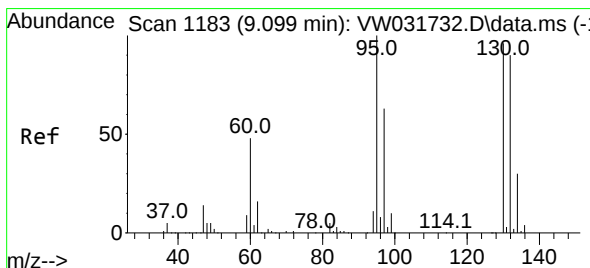
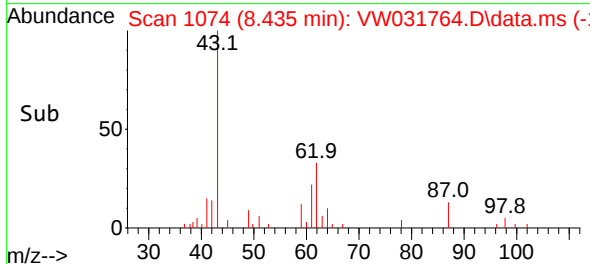
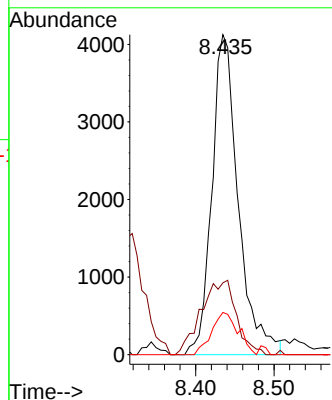
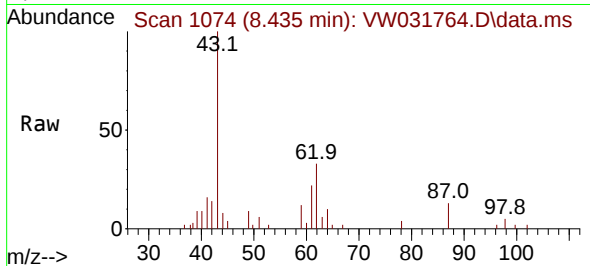




#43
Isopropyl Acetate
Concen: 2.338 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

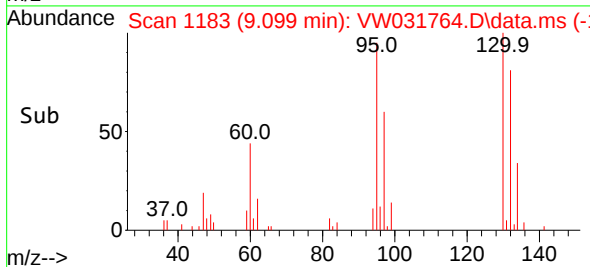
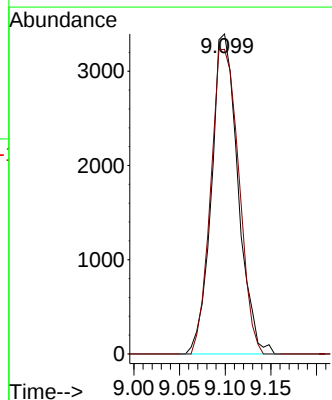
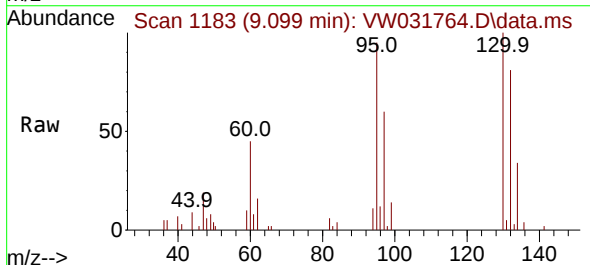
Instrument : MSVOA_W
ClientSampleId : MDL07

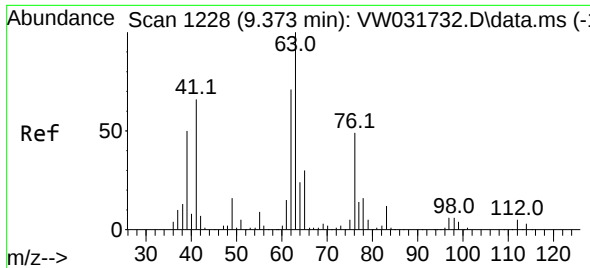
Tgt Ion:	43	Resp:	9657
Ion	Ratio	Lower	Upper
43	100		
61	31.0	23.1	34.7
87	13.3	10.8	16.2



#44
Trichloroethene
Concen: 2.442 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:	130	Resp:	6850
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	208.6

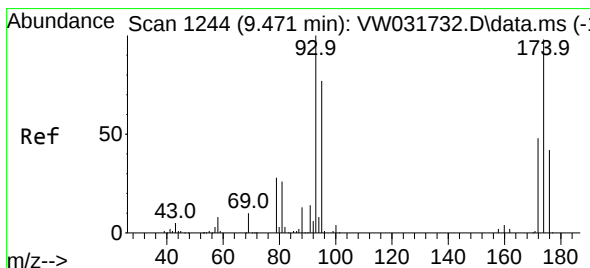
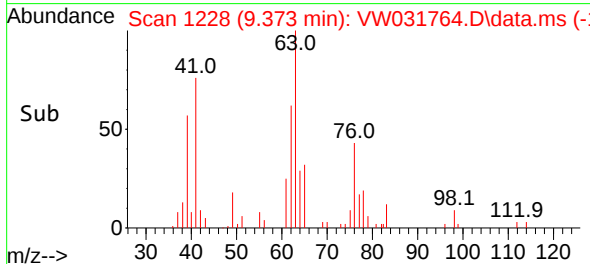
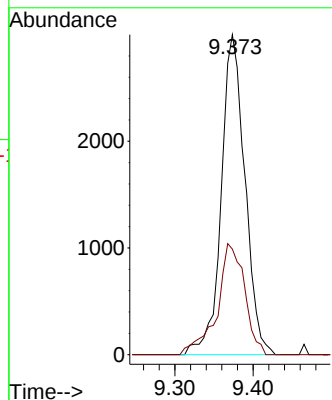
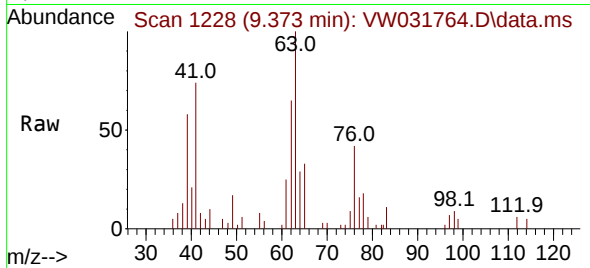




#45
1,2-Dichloropropane
Concen: 2.323 ug/l
RT: 9.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

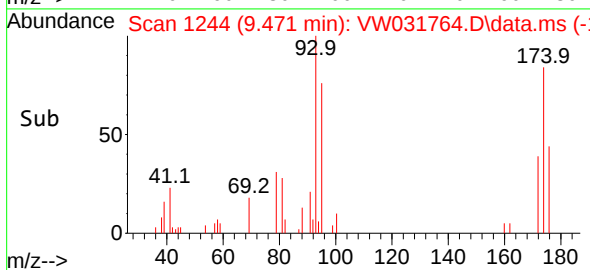
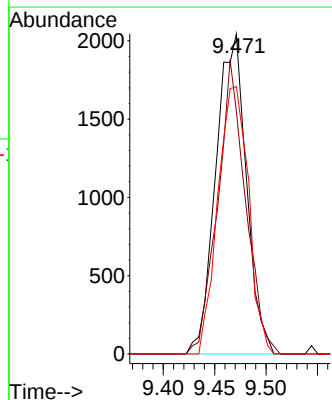
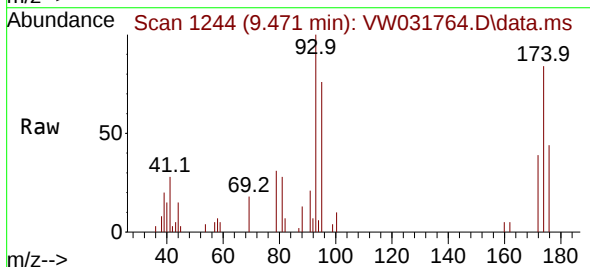
Instrument :
MSVOA_W
ClientSampleId :
MDL07

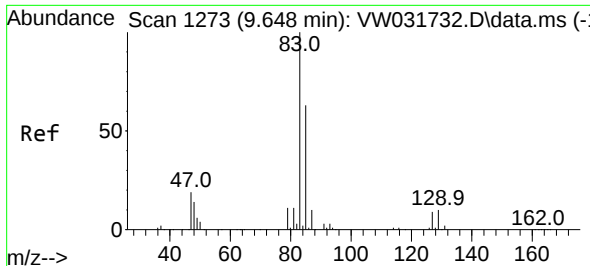
Tgt Ion: 63 Resp: 6310
Ion Ratio Lower Upper
63 100
65 33.0 24.2 36.4



#46
Dibromomethane
Concen: 2.399 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 93 Resp: 4206
Ion Ratio Lower Upper
93 100
95 84.1 67.0 100.4
174 84.1 71.7 107.5

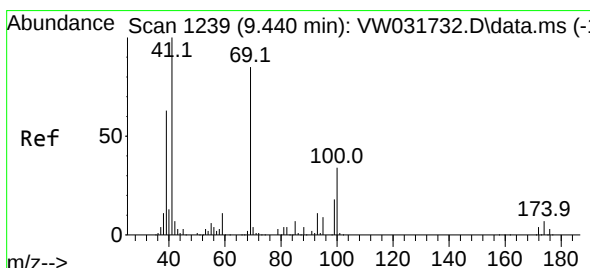
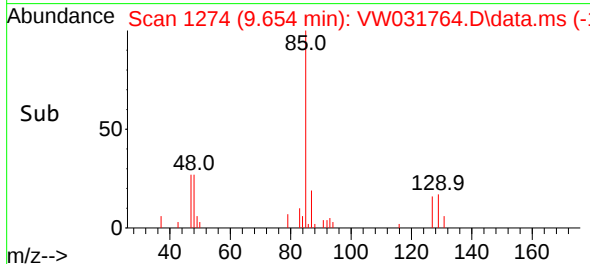
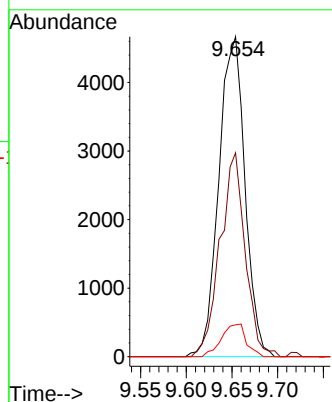
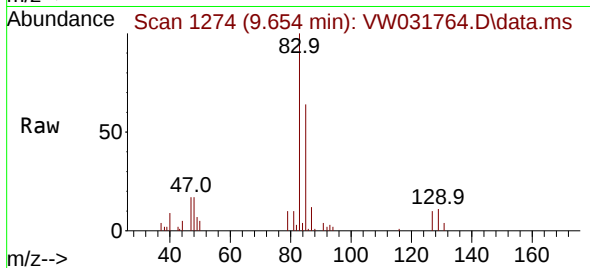




#47
Bromodichloromethane
Concen: 2.258 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

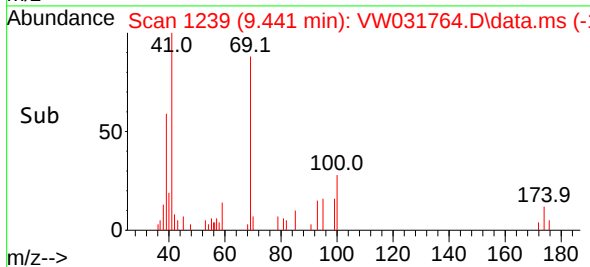
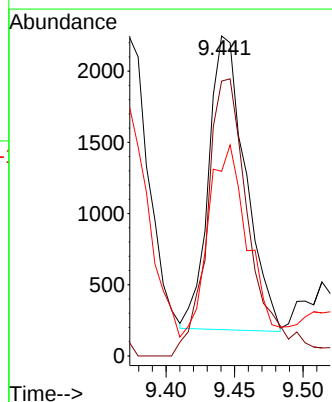
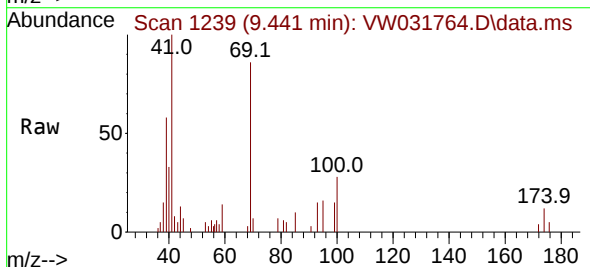
Instrument :
MSVOA_W
ClientSampleId :
MDL07

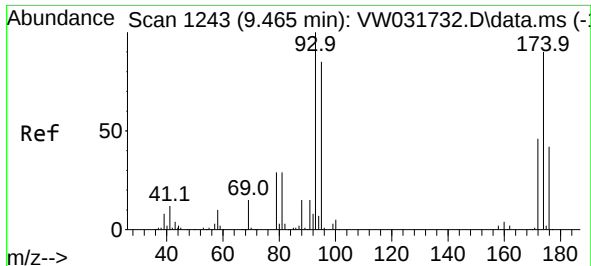
Tgt Ion: 83 Resp: 9283
Ion Ratio Lower Upper
83 100
85 63.7 50.8 76.2
127 10.0 6.8 10.2



#48
Methyl methacrylate
Concen: 1.899 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 41 Resp: 3856
Ion Ratio Lower Upper
41 100
69 108.6 71.6 107.4#
39 77.1 49.5 74.3#





#49

1,4-Dioxane

Concen: 26.880 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

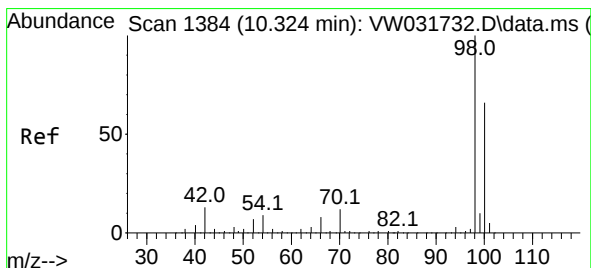
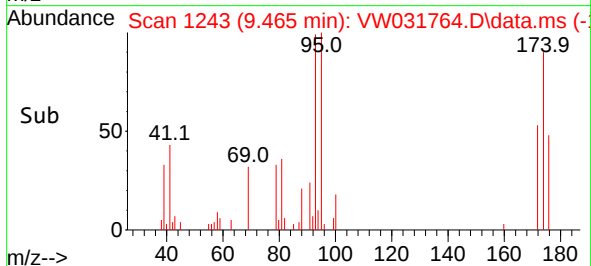
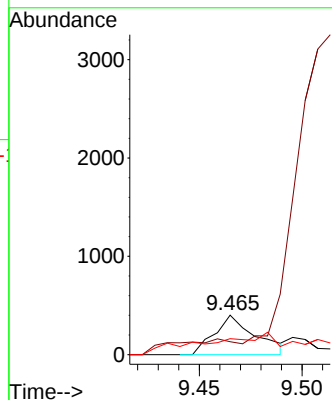
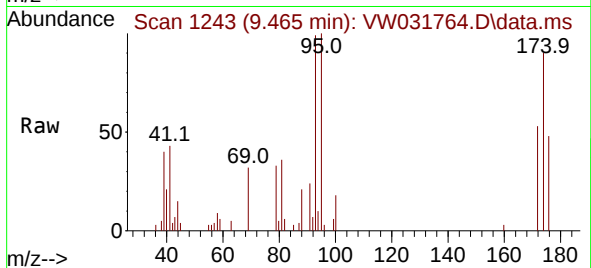
Tgt Ion: 88 Resp: 552

Ion Ratio Lower Upper

88 100

43 65.4 0.0 0.0#

58 0.0 58.3 87.5#



#50

Toluene-d8

Concen: 51.160 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031764.D

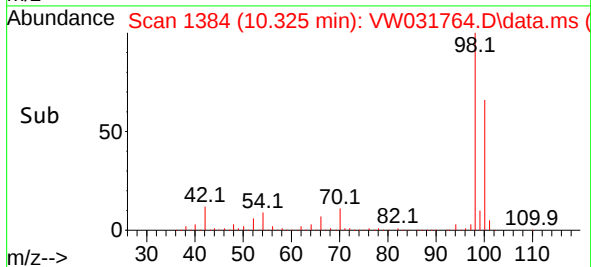
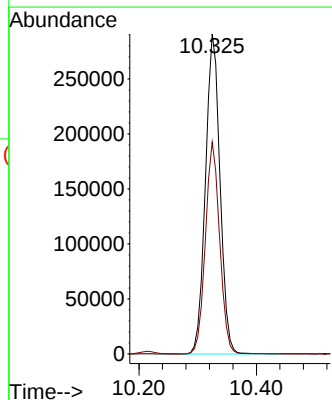
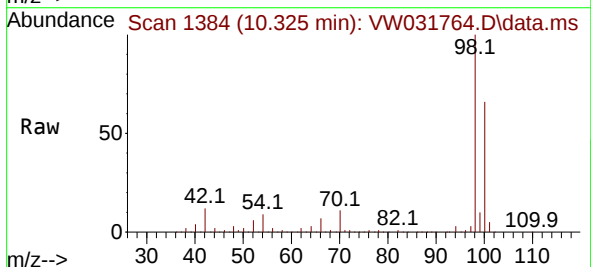
Acq: 03 Jul 2025 14:42

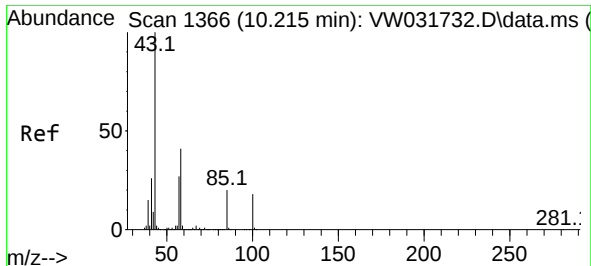
Tgt Ion: 98 Resp: 499716

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.4

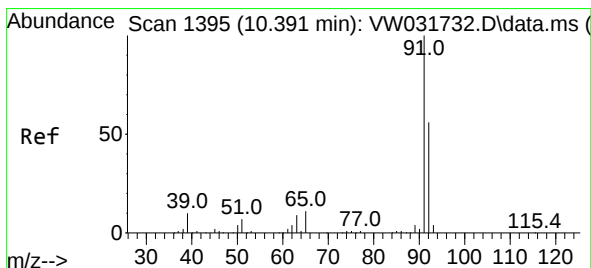
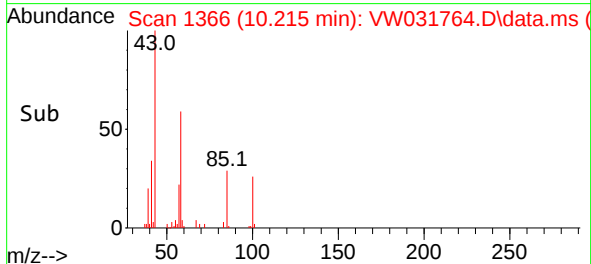
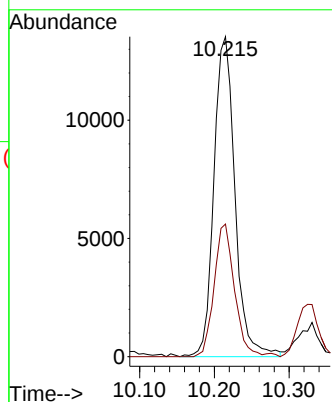
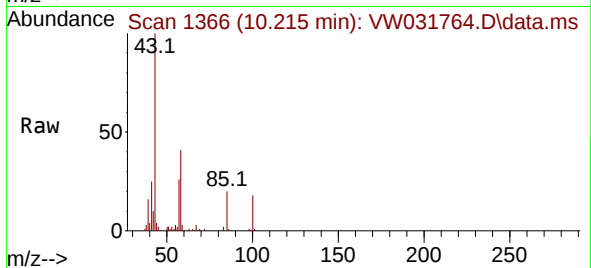




#51
4-Methyl-2-Pentanone
Concen: 11.182 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

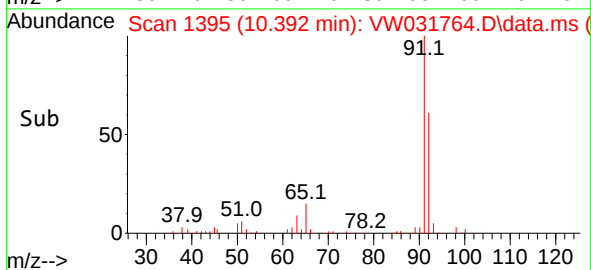
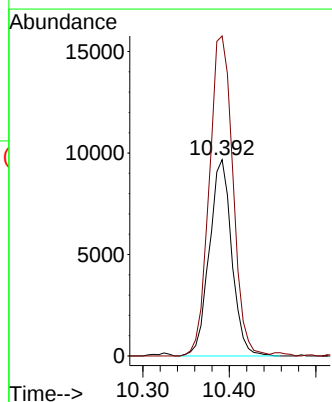
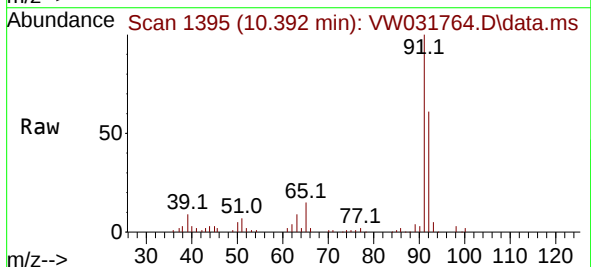
Instrument :
MSVOA_W
ClientSampleId :
MDL07

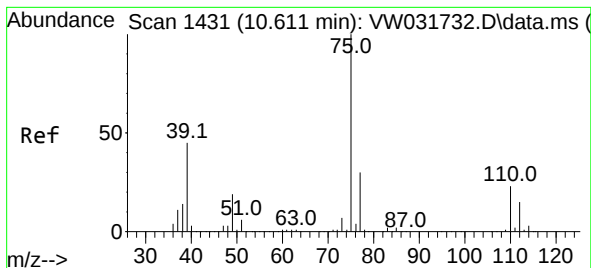
Tgt Ion: 43 Resp: 26551
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 2.414 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 92 Resp: 17371
Ion Ratio Lower Upper
92 100
91 172.2 139.5 209.3

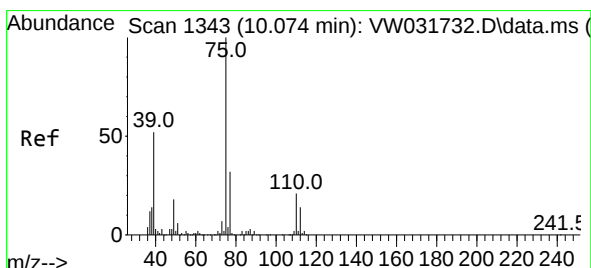
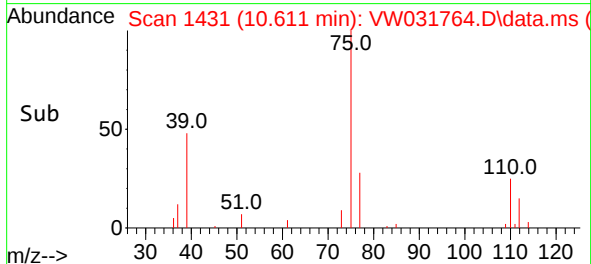
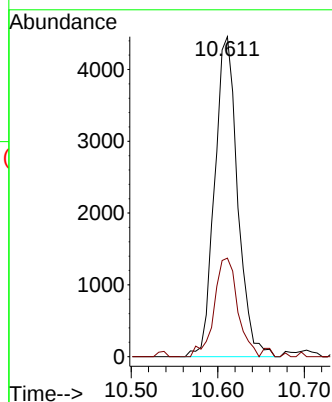
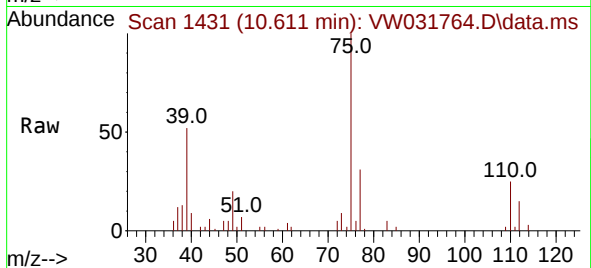




#53
t-1,3-Dichloropropene
Concen: 2.130 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

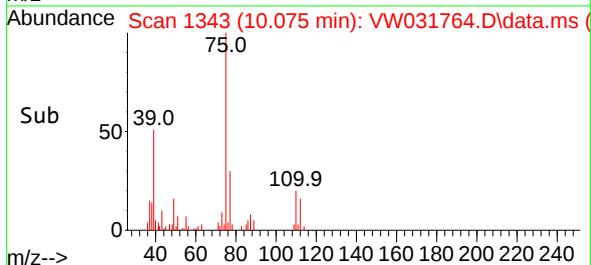
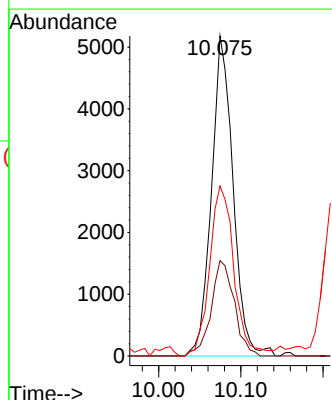
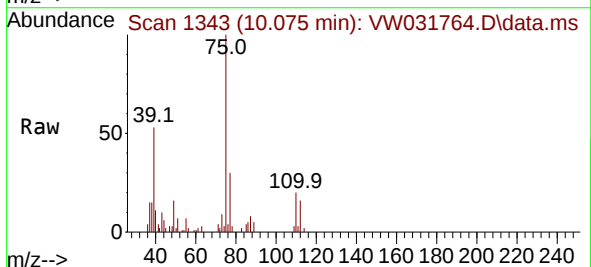
Instrument :
MSVOA_W
ClientSampleId :
MDL07

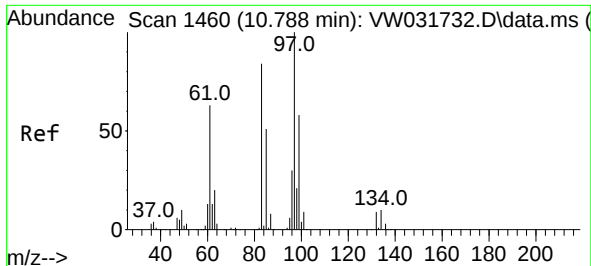
Tgt Ion: 75 Resp: 8218
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 2.162 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 75 Resp: 9455
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.2
39 53.1 41.8 62.6

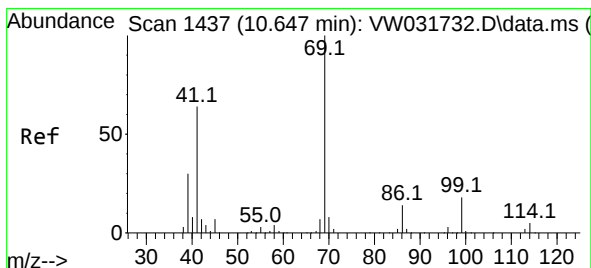
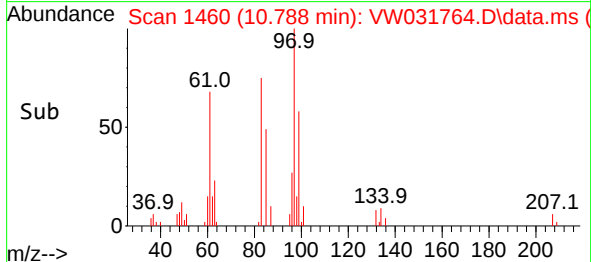
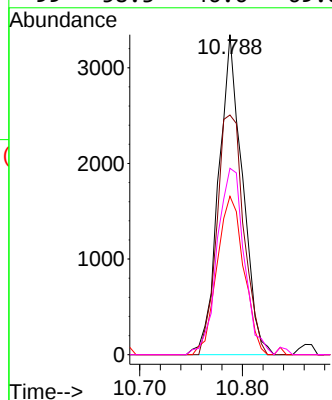
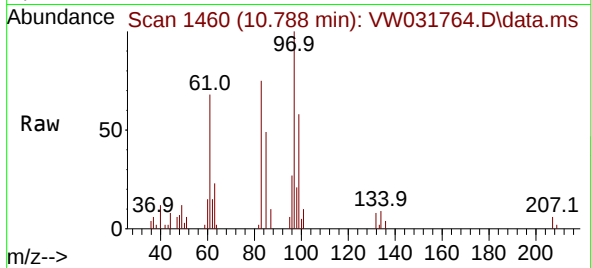




#55
1,1,2-Trichloroethane
Concen: 2.348 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

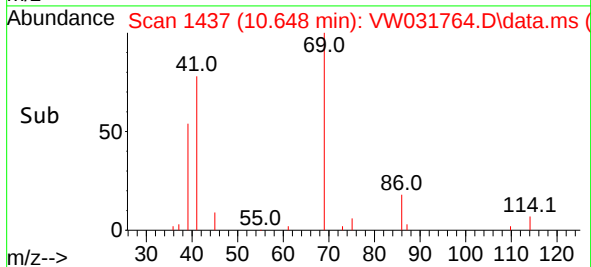
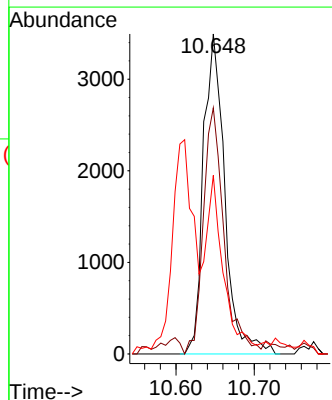
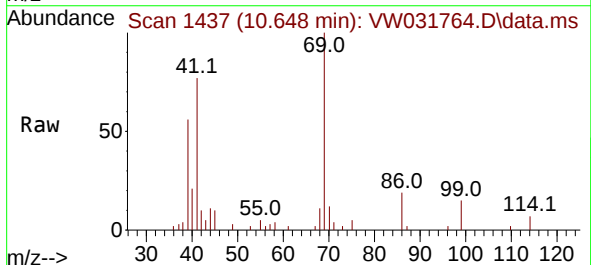
Instrument :
MSVOA_W
ClientSampleId :
MDL07

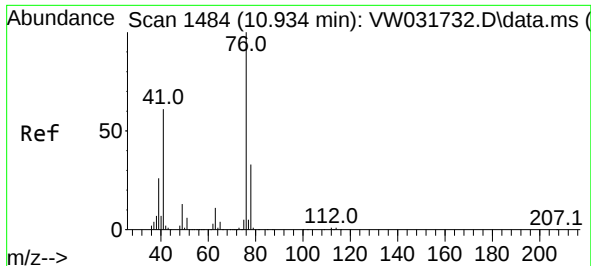
Tgt Ion:	97	Resp:	5394
Ion	Ratio	Lower	Upper
97	100		
83	74.9	66.9	100.3
85	49.5	41.1	61.7
99	58.3	46.6	69.8



#56
Ethyl methacrylate
Concen: 2.119 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:	69	Resp:	6604
Ion	Ratio	Lower	Upper
69	100		
41	74.2	53.3	79.9
39	41.0	30.2	45.2





#57

1,3-Dichloropropane

Concen: 2.280 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

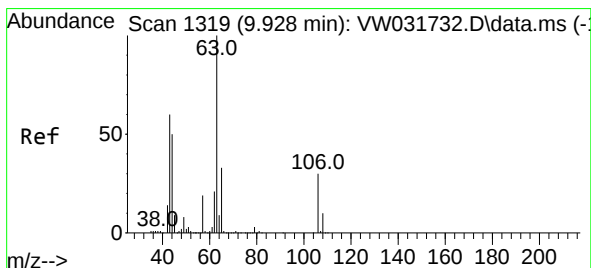
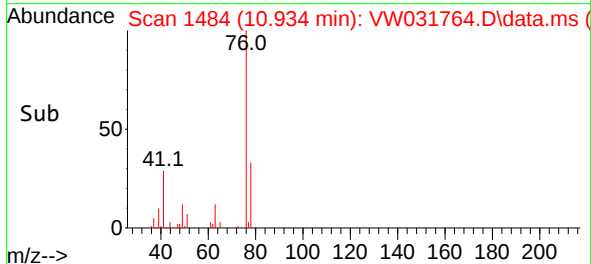
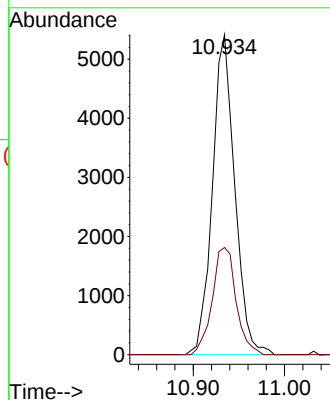
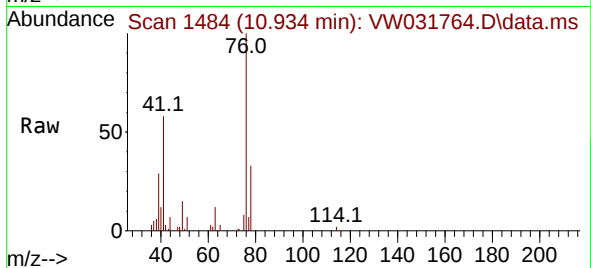
MDL07

Tgt Ion: 76 Resp: 9194

Ion Ratio Lower Upper

76 100

78 35.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 10.496 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031764.D

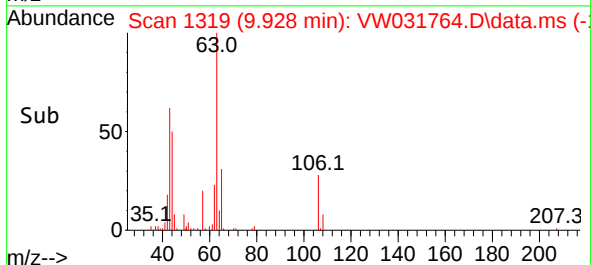
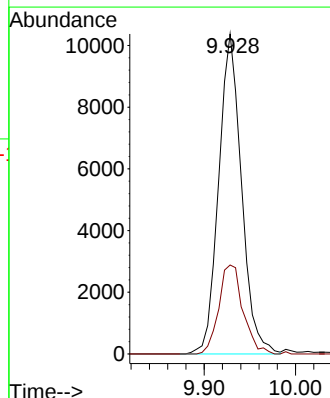
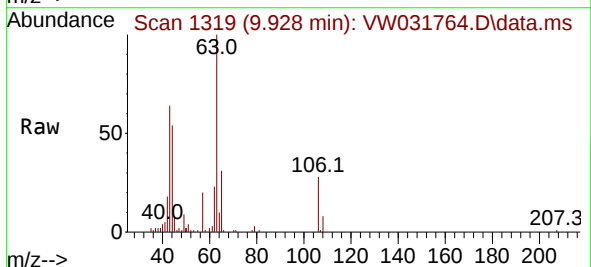
Acq: 03 Jul 2025 14:42

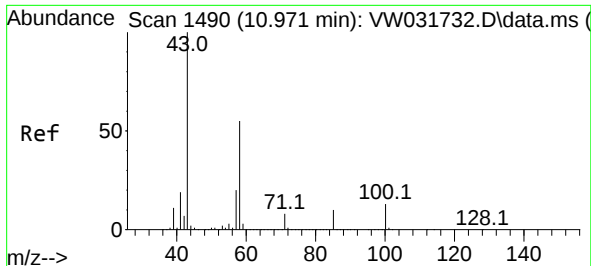
Tgt Ion: 63 Resp: 18009

Ion Ratio Lower Upper

63 100

106 29.4 24.1 36.1

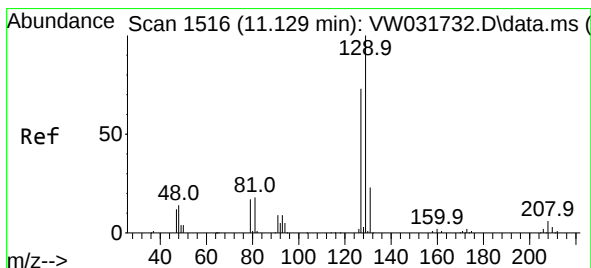
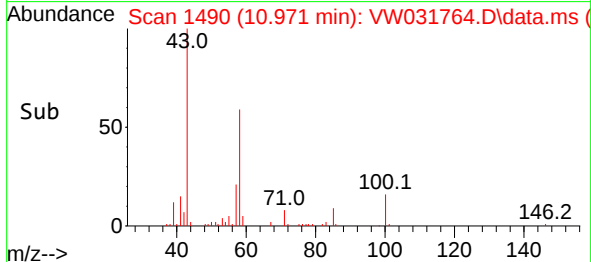
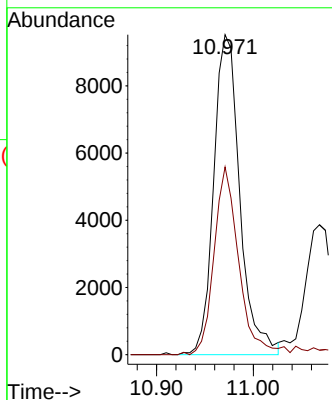
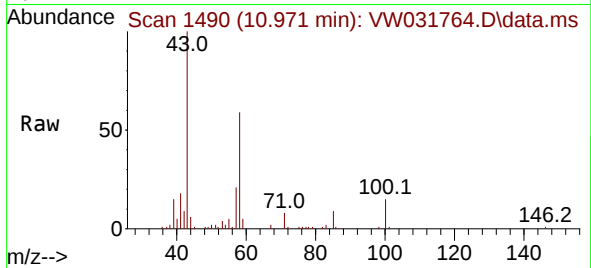




#59
2-Hexanone
Concen: 11.097 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

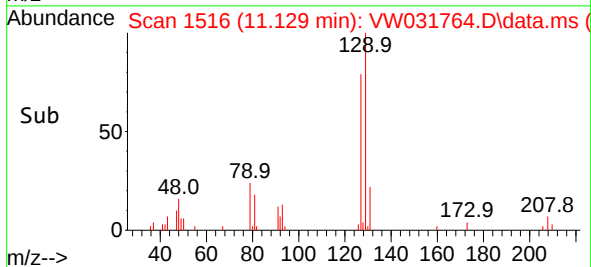
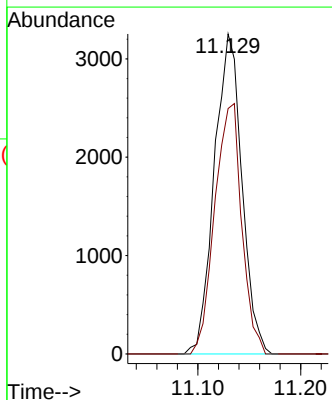
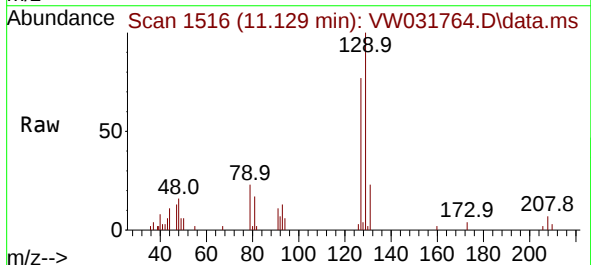
Instrument :
MSVOA_W
ClientSampleId :
MDL07

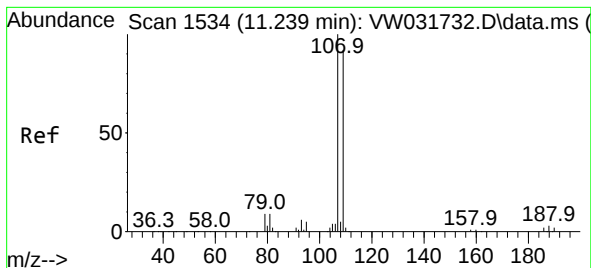
Tgt Ion: 43 Resp: 17855
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.6



#60
Dibromochloromethane
Concen: 2.203 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:129 Resp: 6051
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1

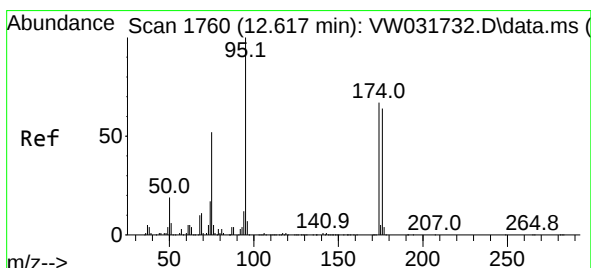
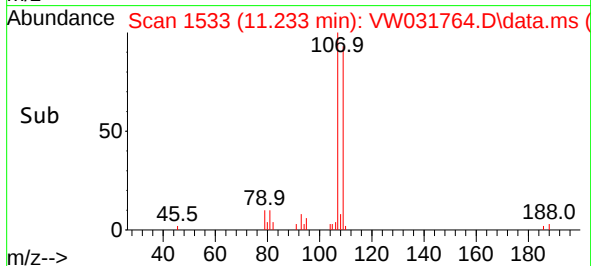
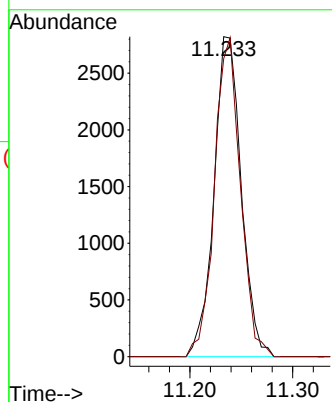
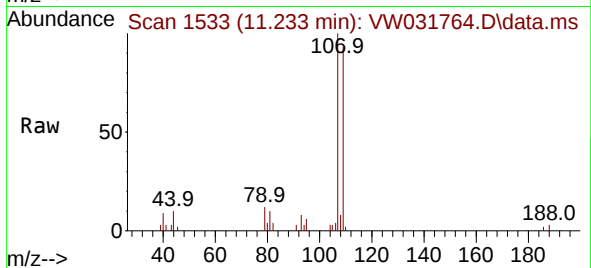




#61
1,2-Dibromoethane
Concen: 2.259 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

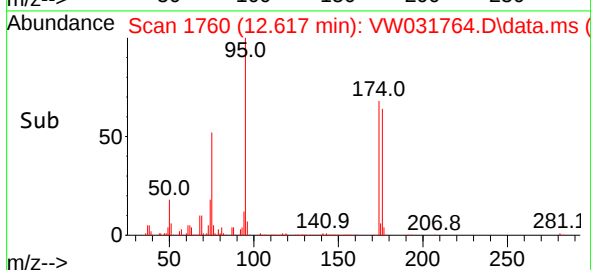
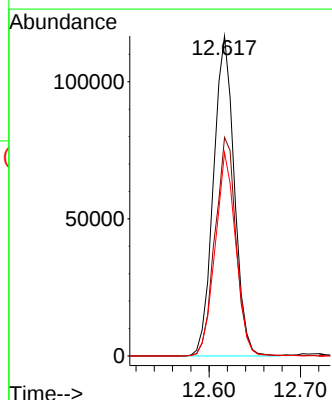
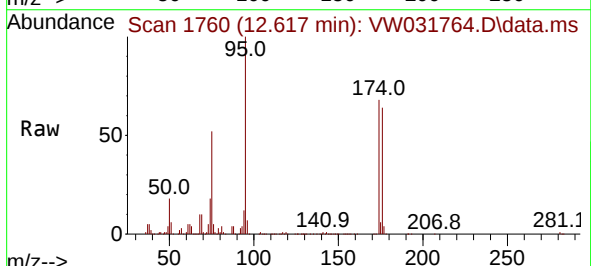
Instrument :
MSVOA_W
ClientSampleId :
MDL07

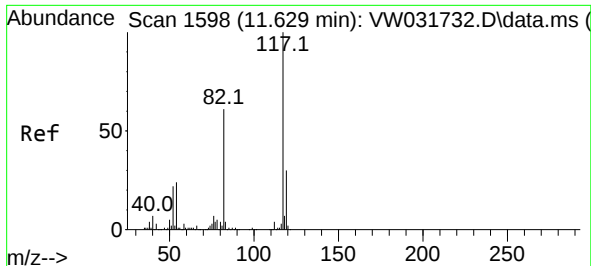
Tgt Ion:107 Resp: 5195
Ion Ratio Lower Upper
107 100
109 94.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.296 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 95 Resp: 184387
Ion Ratio Lower Upper
95 100
174 69.2 0.0 133.8
176 63.2 0.0 126.0

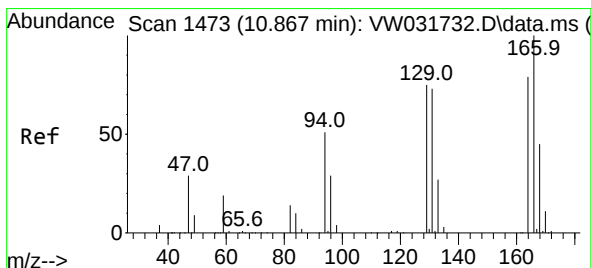
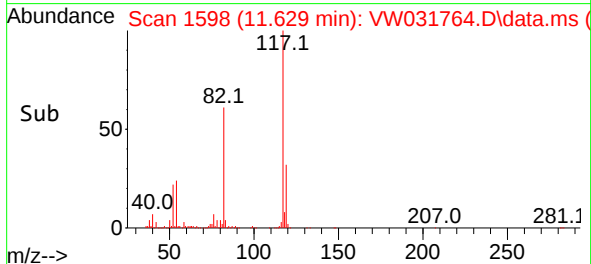
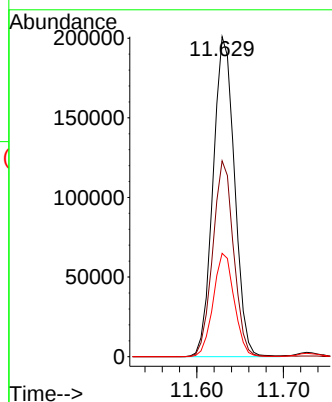
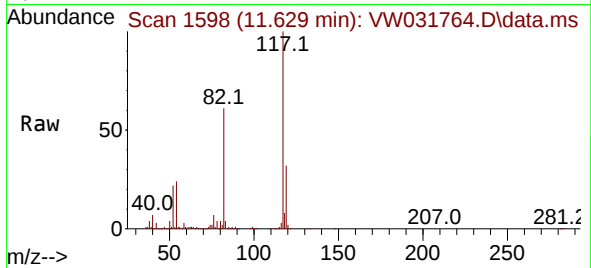




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

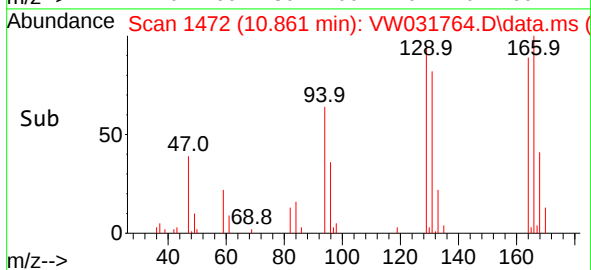
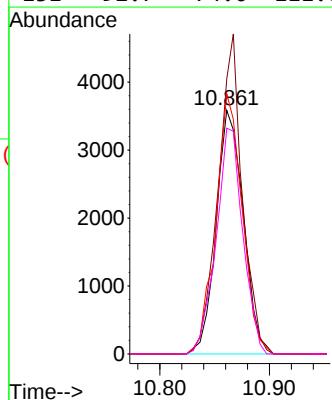
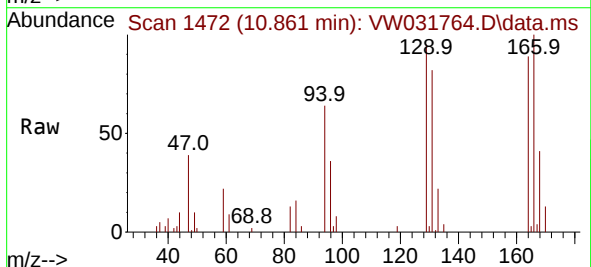
Instrument :
MSVOA_W
ClientSampleId :
MDL07

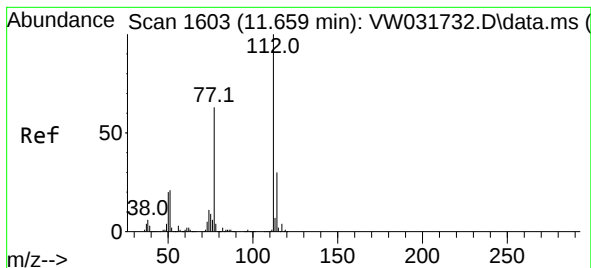
Tgt Ion:117 Resp: 346265
Ion Ratio Lower Upper
117 100
82 61.2 48.6 72.8
119 32.3 23.9 35.9



#64
Tetrachloroethene
Concen: 2.726 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:164 Resp: 6175
Ion Ratio Lower Upper
164 100
166 112.9 100.7 151.1
129 106.8 75.4 113.0
131 92.7 74.0 111.0





#65

Chlorobenzene

Concen: 2.444 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

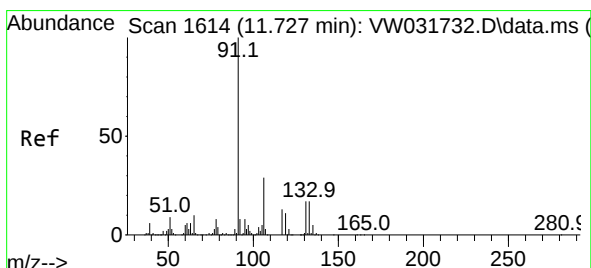
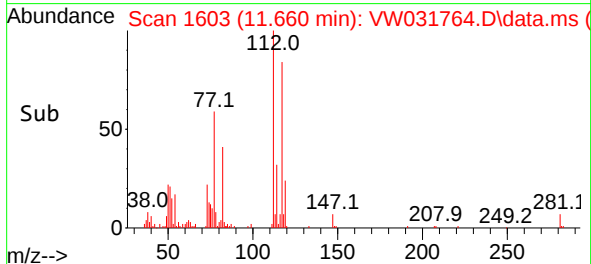
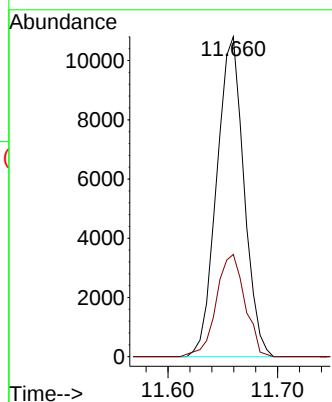
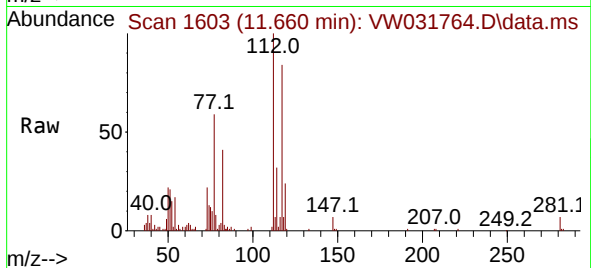
MDL07

Tgt Ion:112 Resp: 18675

Ion Ratio Lower Upper

112 100

114 31.9 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 2.351 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

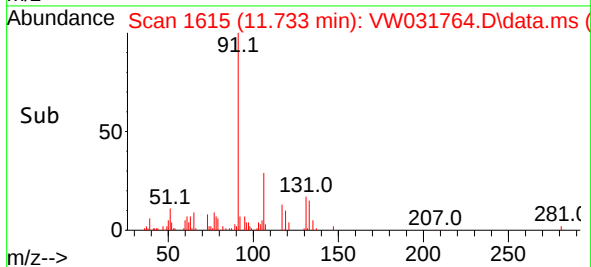
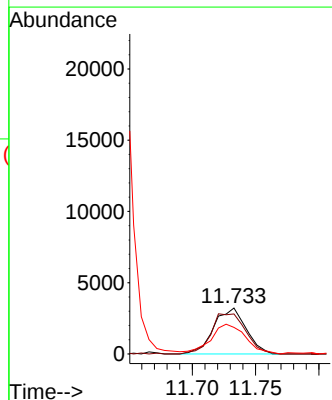
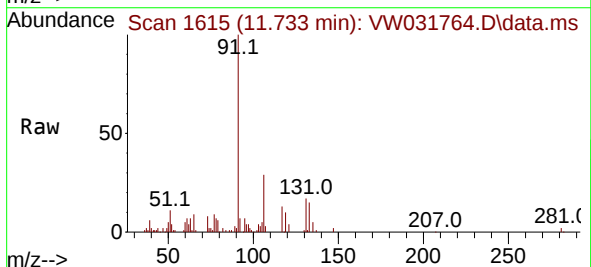
Tgt Ion:131 Resp: 5723

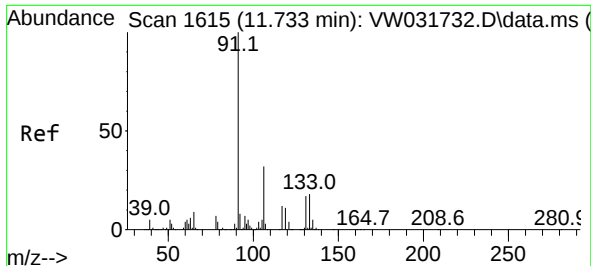
Ion Ratio Lower Upper

131 100

133 93.8 48.5 145.6

119 70.1 32.5 97.5

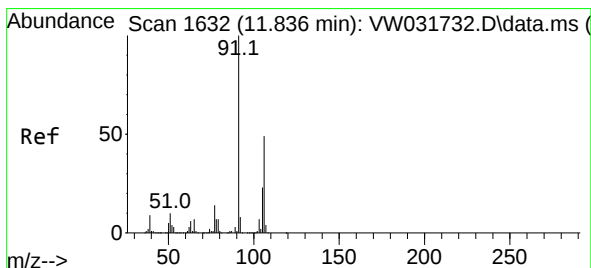
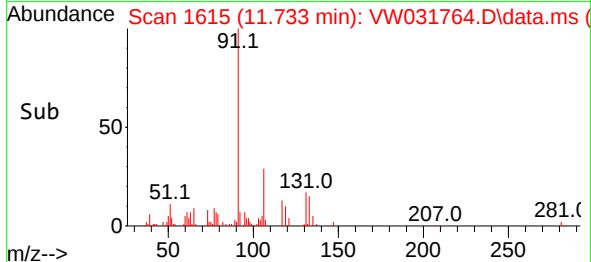
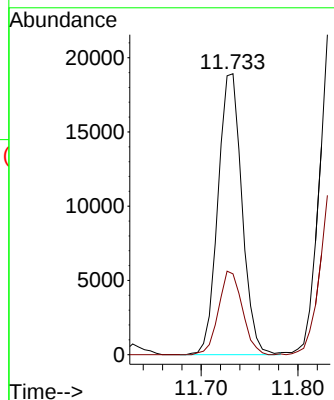
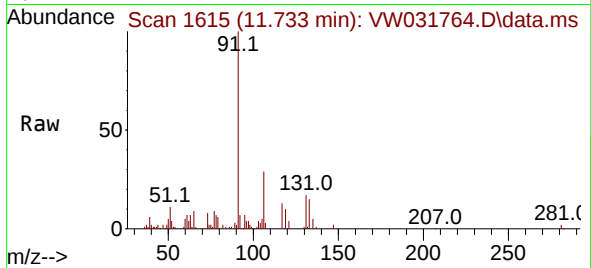




#67
Ethyl Benzene
Concen: 2.461 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

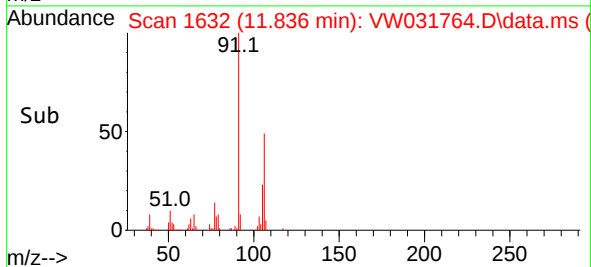
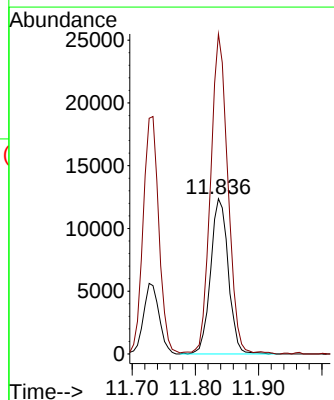
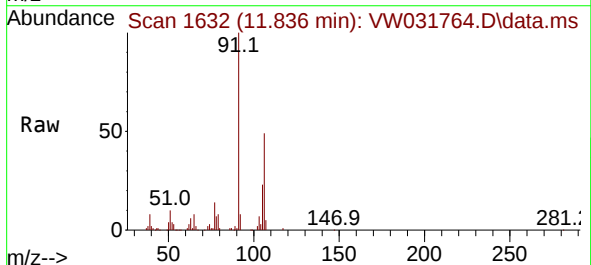
Instrument :
MSVOA_W
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 32603
Ion Ratio Lower Upper
91 100
106 28.8 25.4 38.2



#68
m/p-Xylenes
Concen: 4.718 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:106 Resp: 24026
Ion Ratio Lower Upper
106 100
91 198.4 166.4 249.6

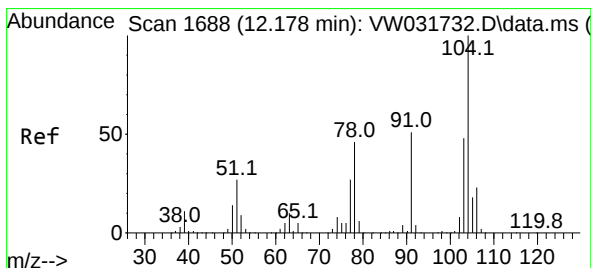
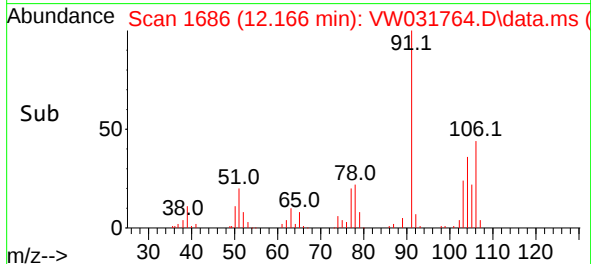
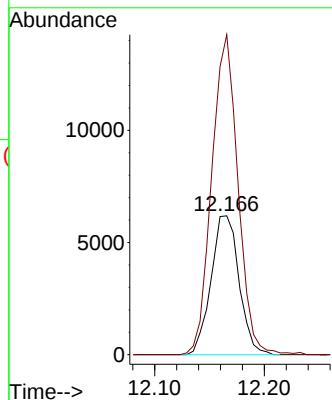
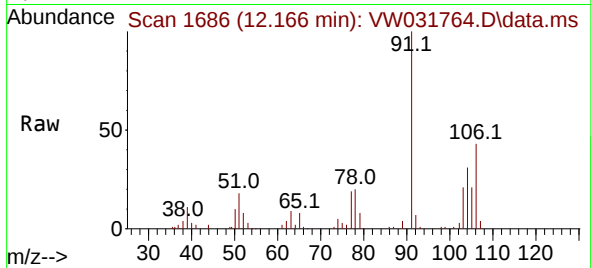




#69
o-Xylene
Concen: 2.331 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

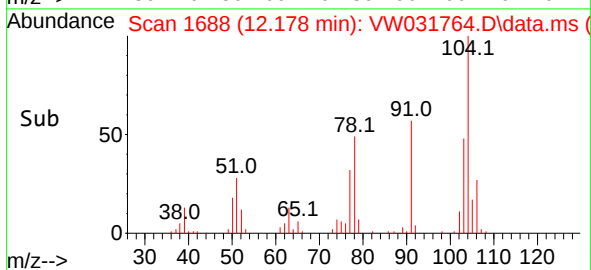
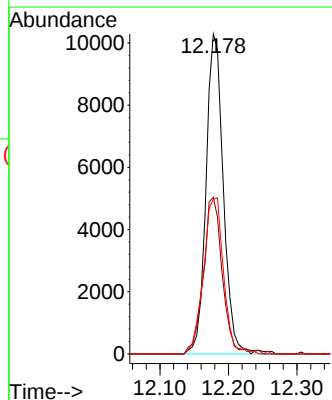
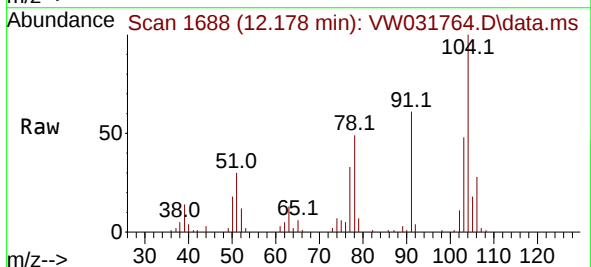
Instrument :
MSVOA_W
ClientSampleId :
MDL07

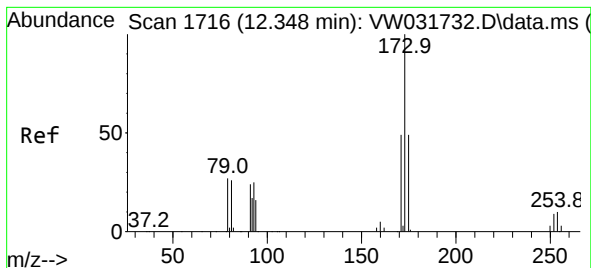
Tgt Ion:106 Resp: 10991
Ion Ratio Lower Upper
106 100
91 216.2 111.5 334.4



#70
Styrene
Concen: 2.227 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:104 Resp: 18157
Ion Ratio Lower Upper
104 100
78 53.0 42.1 63.1
103 56.2 43.0 64.6





#71

Bromoform

Concen: 2.205 ug/l

RT: 12.342 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

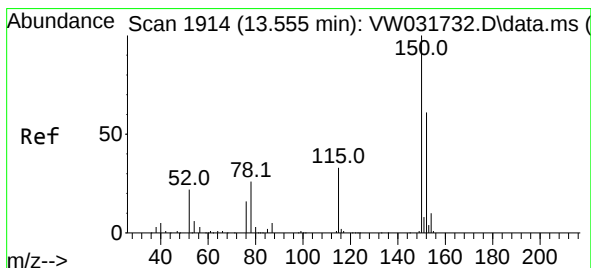
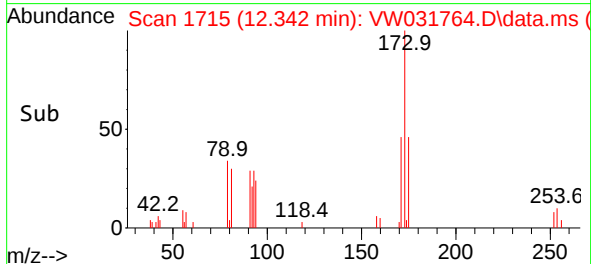
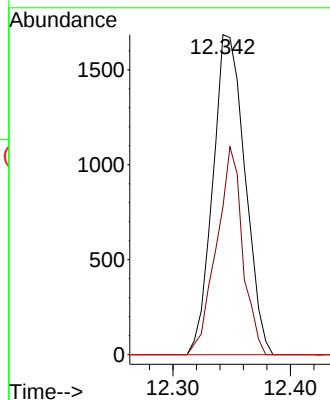
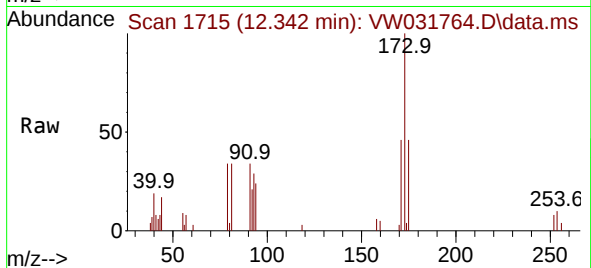
Tgt Ion:173 Resp: 3202

Ion Ratio Lower Upper

173 100

175 52.9 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: VW031764.D

Acq: 03 Jul 2025 14:42

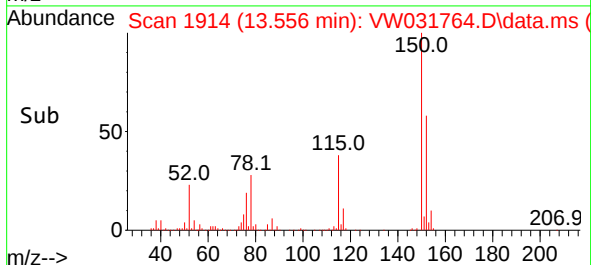
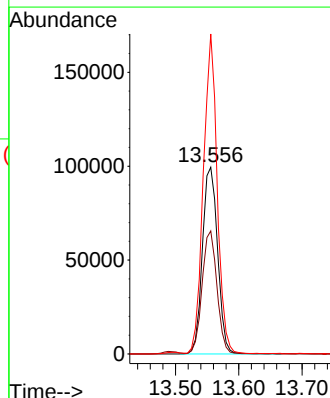
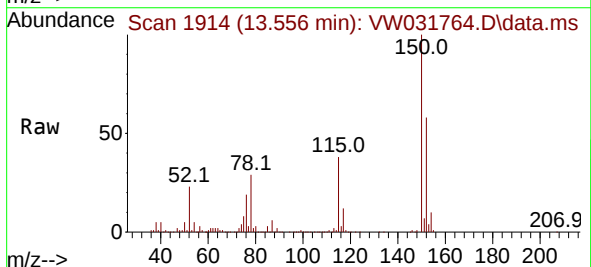
Tgt Ion:152 Resp: 166528

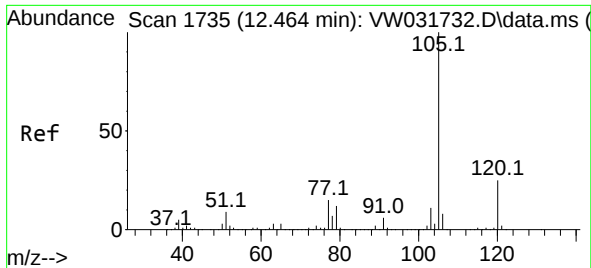
Ion Ratio Lower Upper

152 100

115 64.4 31.9 95.7

150 156.0 0.0 356.4

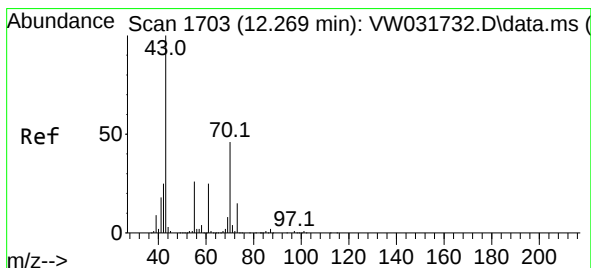
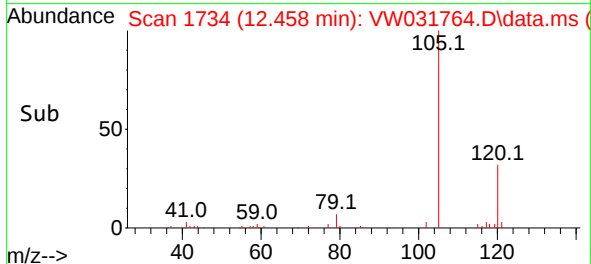
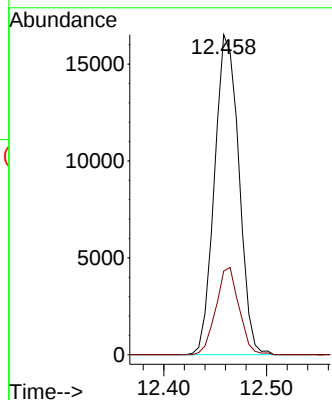
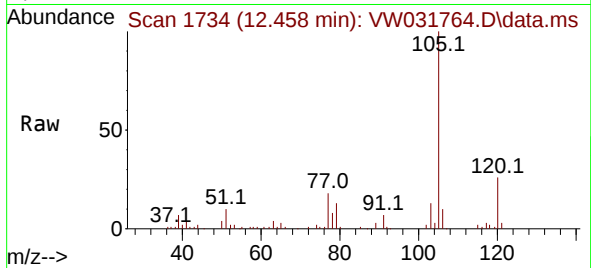




#73
Isopropylbenzene
Concen: 2.147 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

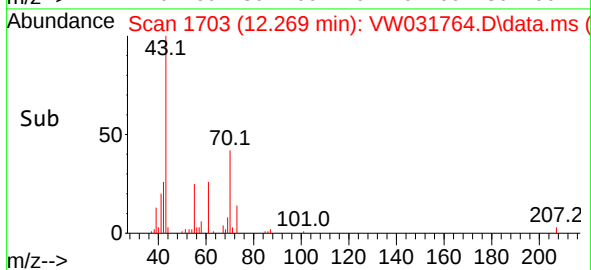
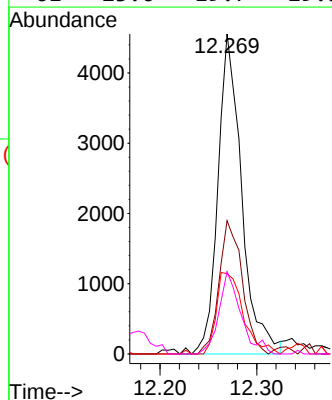
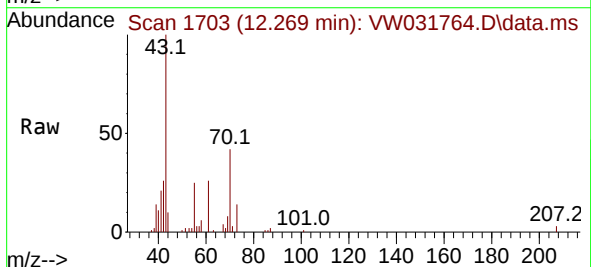
Instrument :
MSVOA_W
ClientSampleId :
MDL07

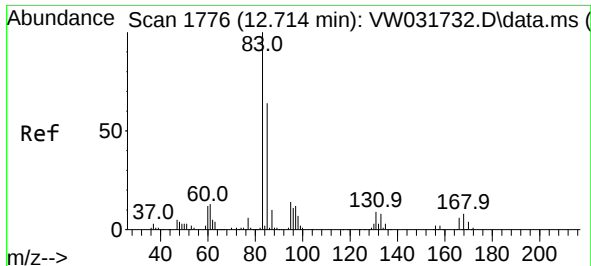
Tgt Ion:105 Resp: 27191
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4



#74
N-ethyl acetate
Concen: 2.279 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 43 Resp: 7781
Ion Ratio Lower Upper
43 100
70 40.4 36.0 54.0
55 28.4 20.8 31.2
61 23.6 19.7 29.5

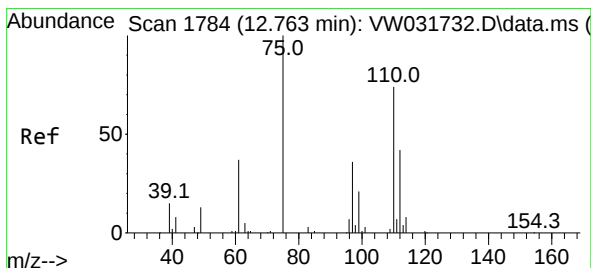
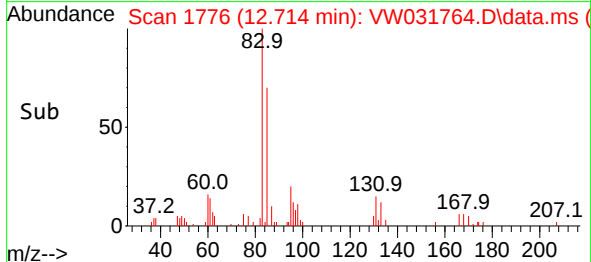
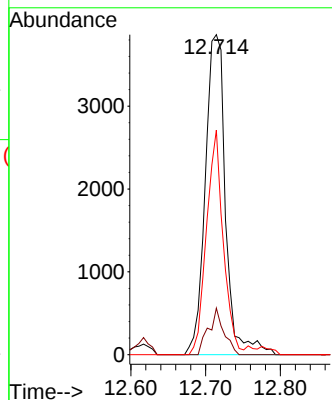
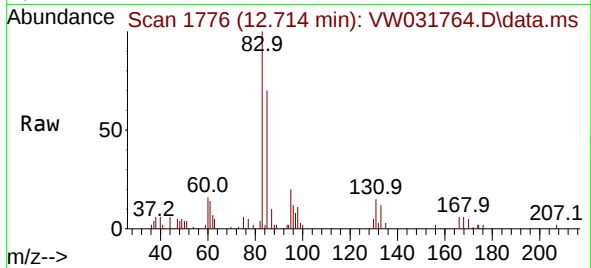




#75
1,1,2,2-Tetrachloroethane
Concen: 2.589 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

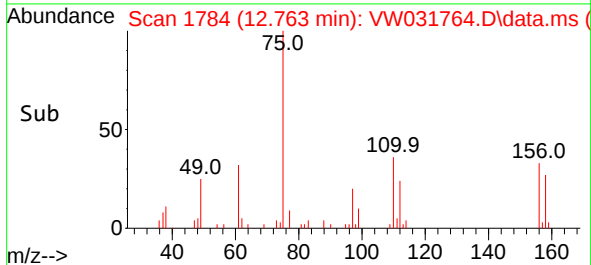
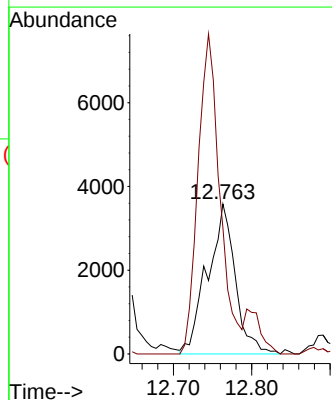
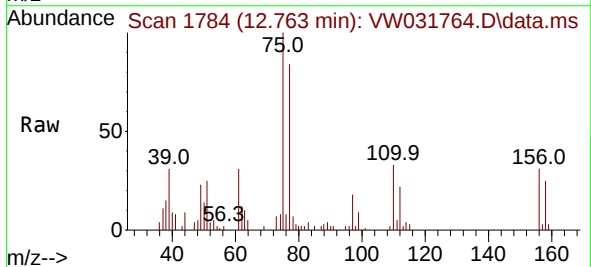
Instrument :
MSVOA_W
ClientSampleId :
MDL07

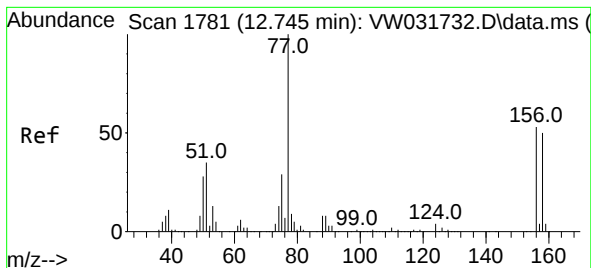
Tgt Ion: 83 Resp: 7281
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 58.1 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 4.113 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 75 Resp: 8851
Ion Ratio Lower Upper
75 100
77 168.1 141.2 423.6





#77

Bromobenzene

Concen: 2.546 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

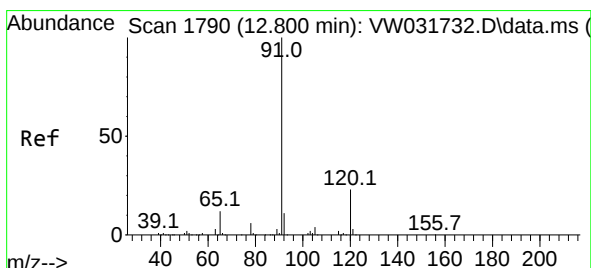
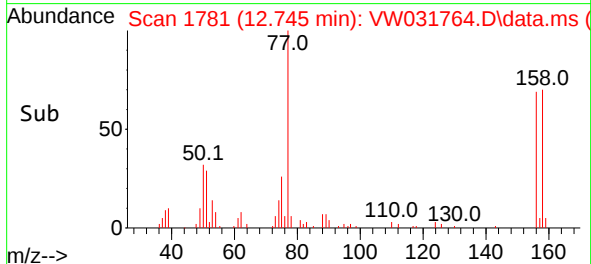
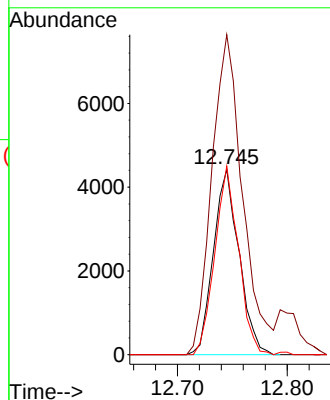
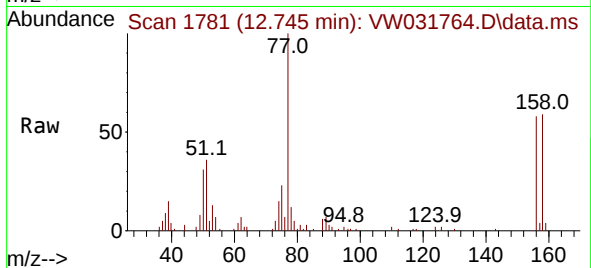
Tgt Ion:156 Resp: 7192

Ion Ratio Lower Upper

156 100

77 206.9 117.9 353.7

158 94.1 52.6 157.8



#78

n-propylbenzene

Concen: 2.380 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031764.D

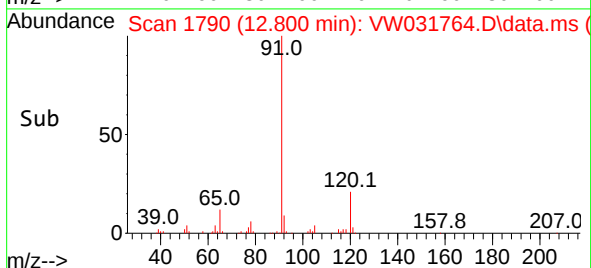
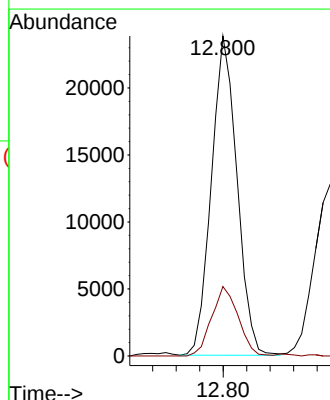
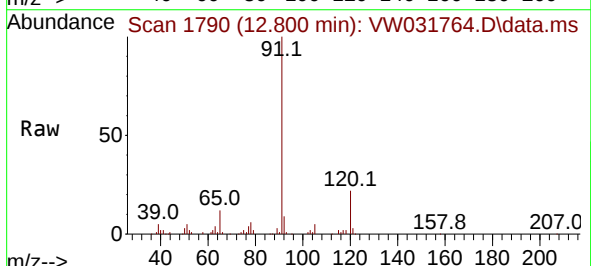
Acq: 03 Jul 2025 14:42

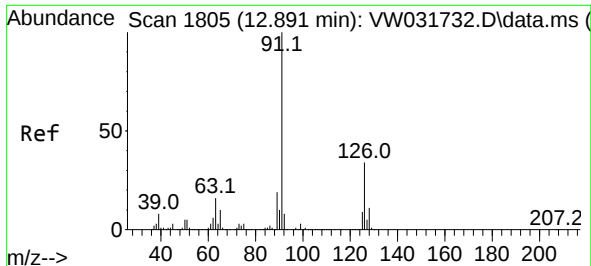
Tgt Ion: 91 Resp: 36102

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

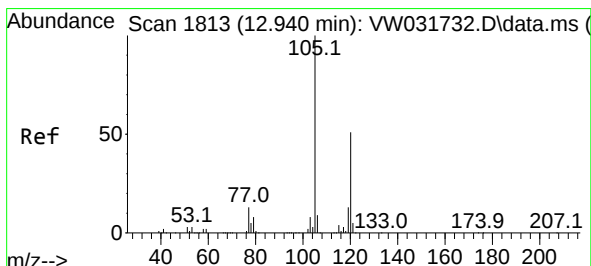
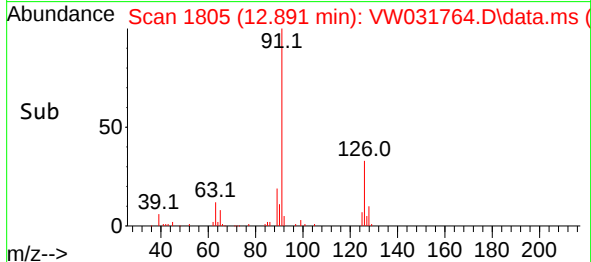
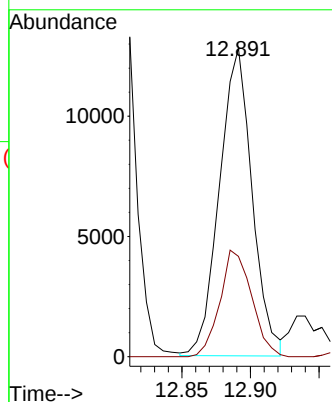
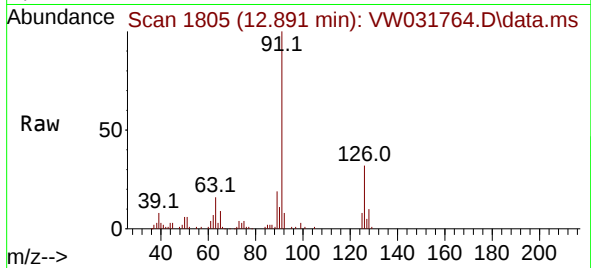




#79
2-Chlorotoluene
Concen: 2.325 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

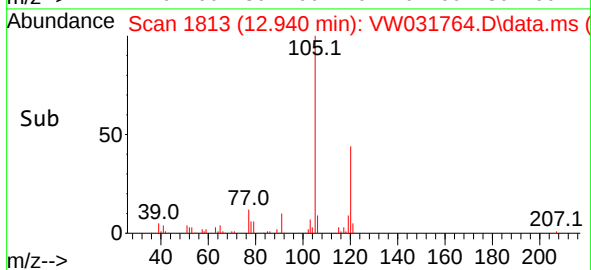
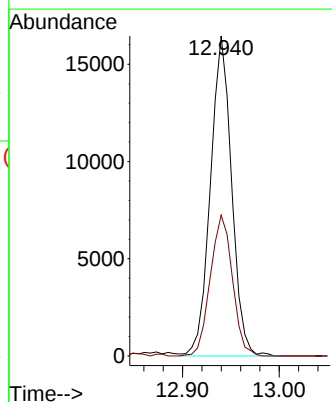
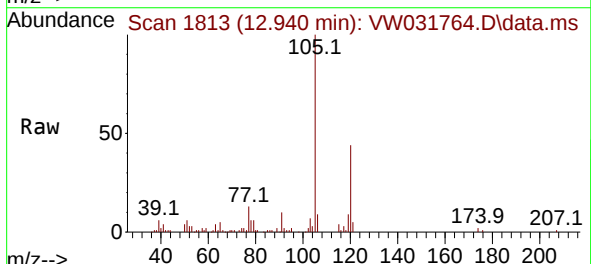
Instrument :
MSVOA_W
ClientSampleId :
MDL07

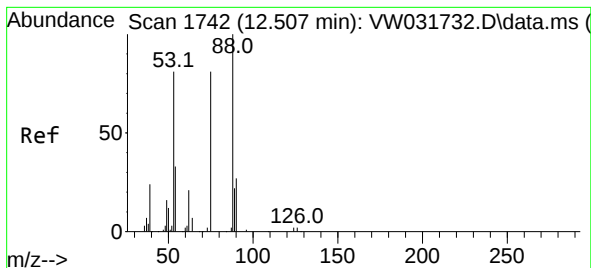
Tgt Ion: 91 Resp: 21238
Ion Ratio Lower Upper
91 100
126 33.6 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 2.392 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 105 Resp: 25083
Ion Ratio Lower Upper
105 100
120 45.8 23.8 71.2

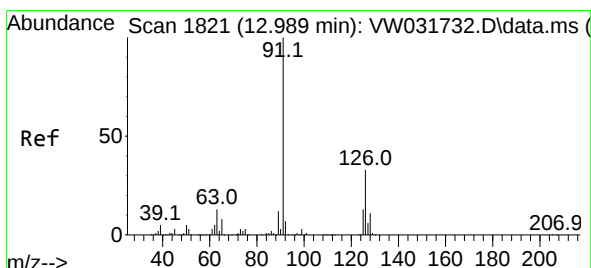
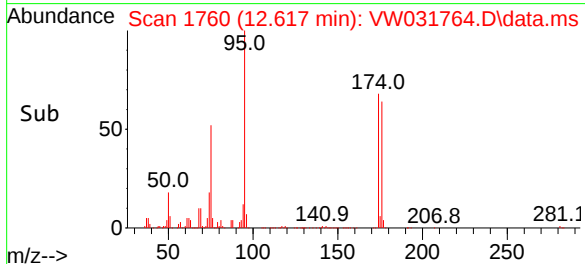
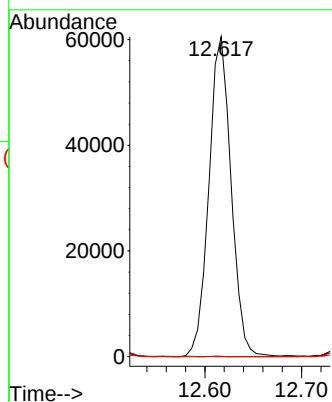
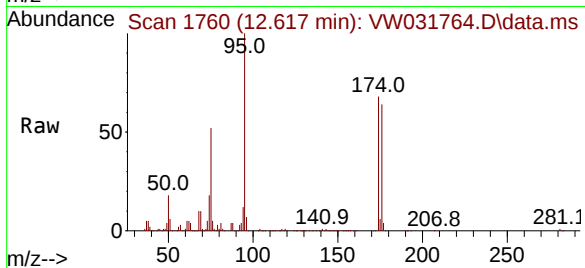




#81
trans-1,4-Dichloro-2-butene
Concen: 104.555 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

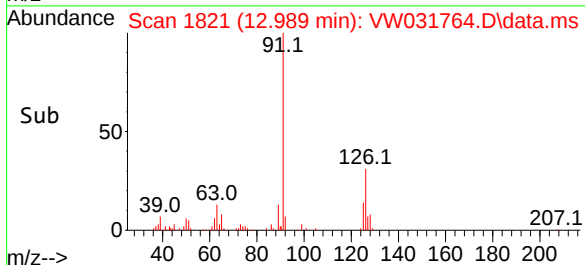
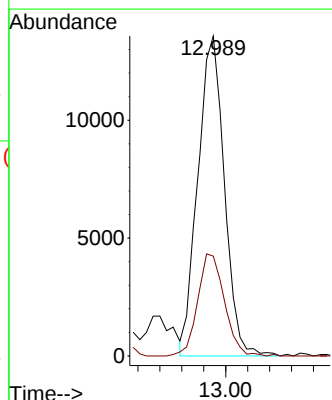
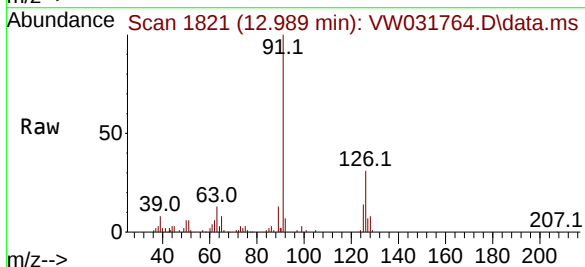
Instrument :
MSVOA_W
ClientSampleId :
MDL07

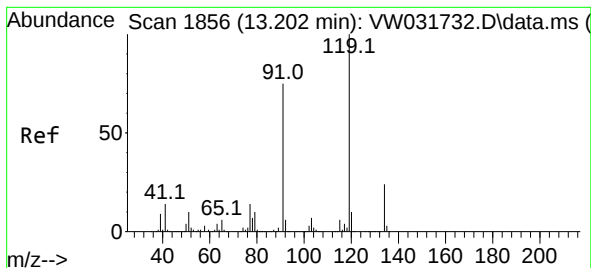
Tgt Ion: 75 Resp: 96603
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.1 38.3 57.5#



#82
4-Chlorotoluene
Concen: 2.378 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion: 91 Resp: 22805
Ion Ratio Lower Upper
91 100
126 32.3 16.0 47.9





#83

tert-Butylbenzene

Concen: 2.319 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

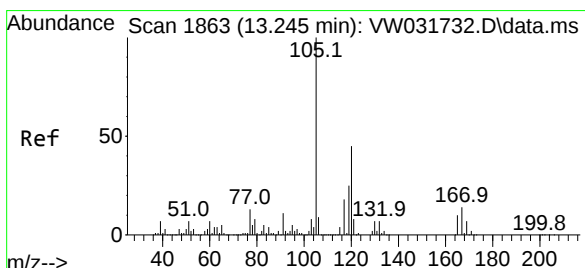
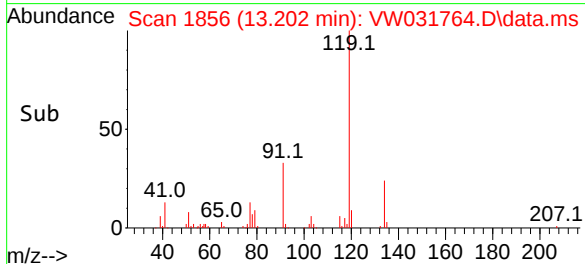
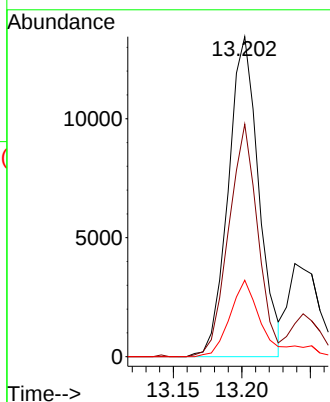
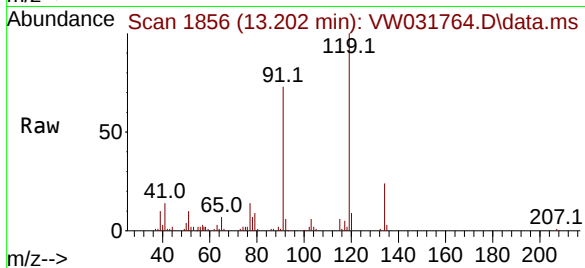
Tgt Ion:119 Resp: 20825

Ion Ratio Lower Upper

119 100

91 69.3 36.0 108.1

134 23.5 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 2.244 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031764.D

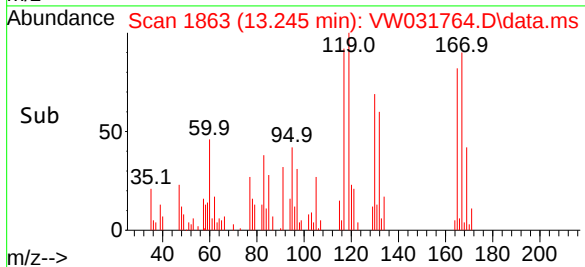
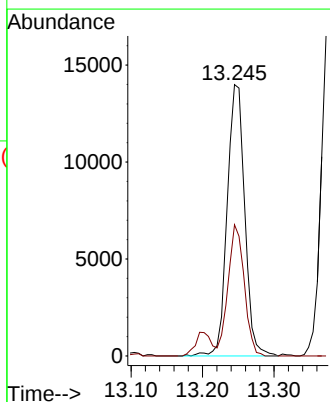
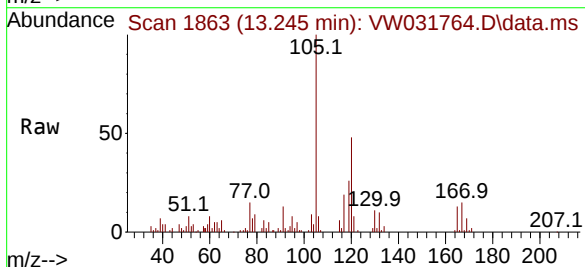
Acq: 03 Jul 2025 14:42

Tgt Ion:105 Resp: 23841

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 2.346 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

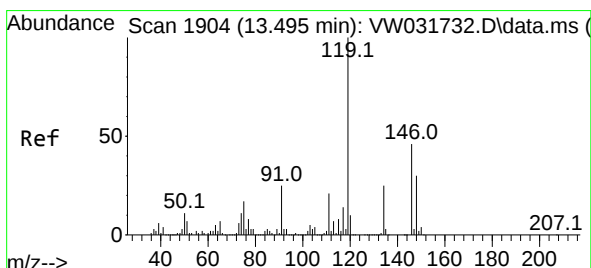
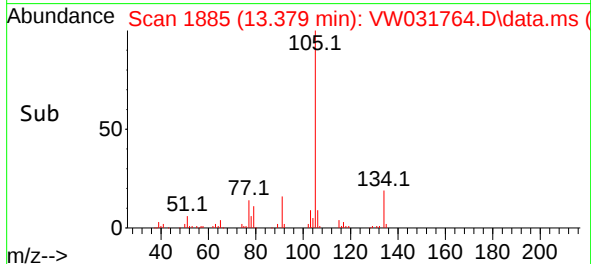
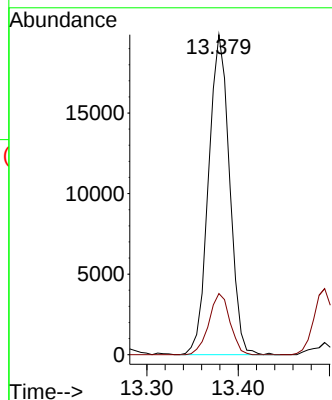
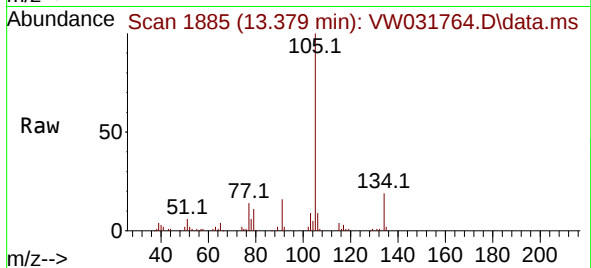
MDL07

Tgt Ion:105 Resp: 31621

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 2.237 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

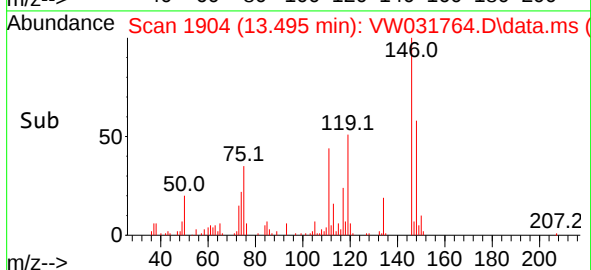
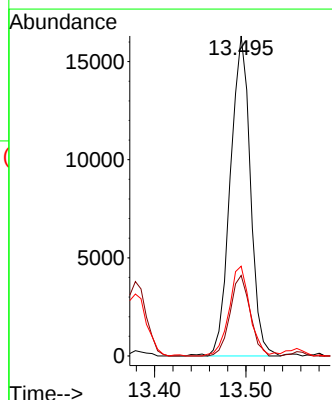
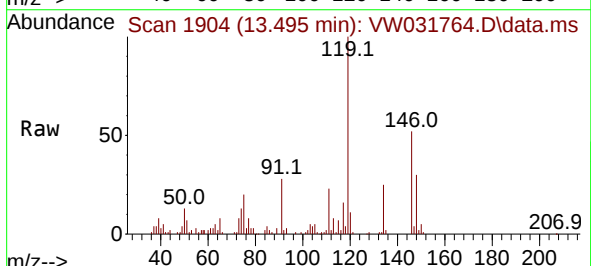
Tgt Ion:119 Resp: 24850

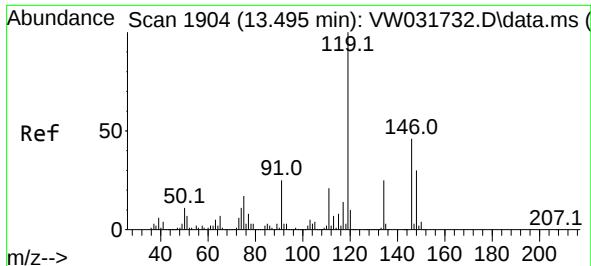
Ion Ratio Lower Upper

119 100

134 25.1 12.9 38.7

91 28.8 12.7 38.0

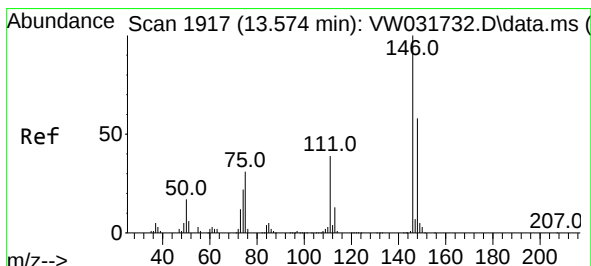
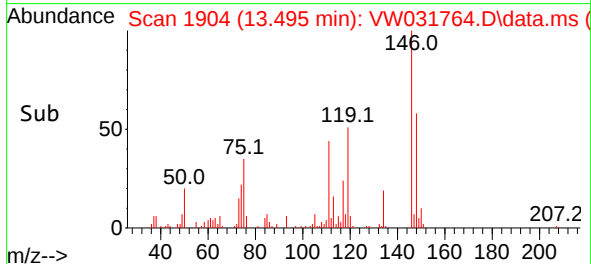
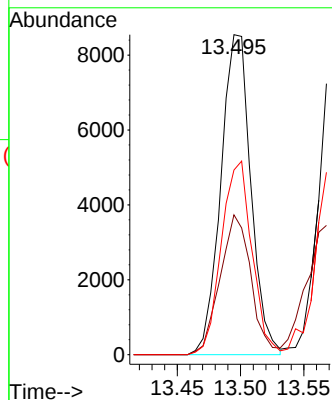
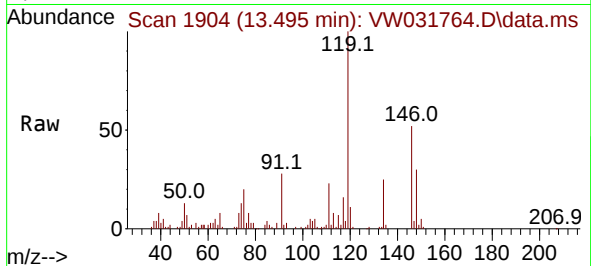




#87
1,3-Dichlorobenzene
Concen: 2.493 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

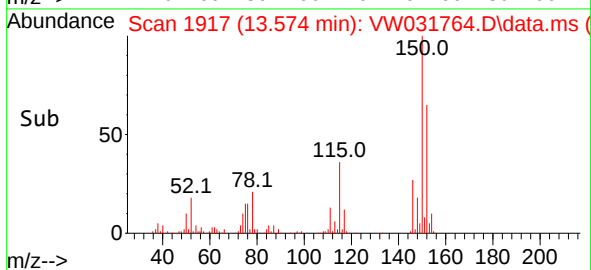
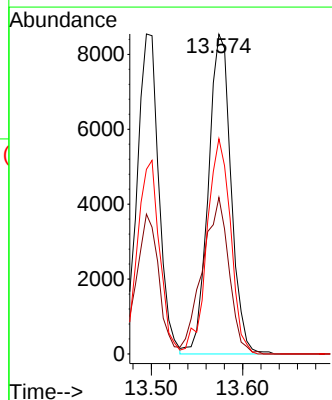
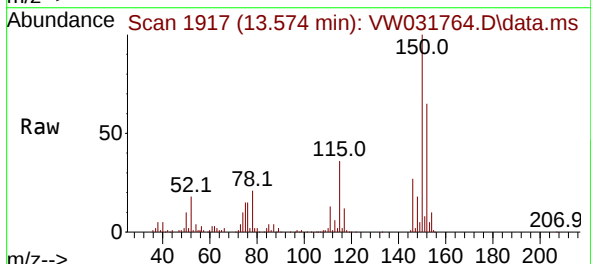
Instrument :
MSVOA_W
ClientSampleId :
MDL07

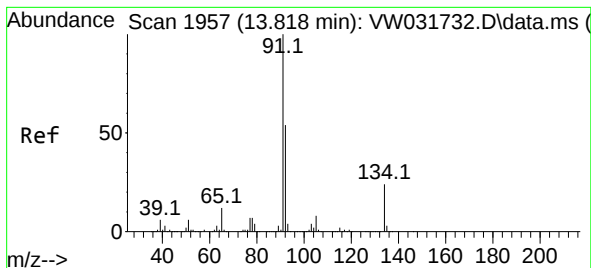
Tgt Ion:146 Resp: 14125
Ion Ratio Lower Upper
146 100
111 45.1 22.3 66.9
148 61.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 2.539 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031764.D
Acq: 03 Jul 2025 14:42

Tgt Ion:146 Resp: 14726
Ion Ratio Lower Upper
146 100
111 57.5 20.4 61.3
148 70.0 30.2 90.6





#89

n-Butylbenzene

Concen: 2.304 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

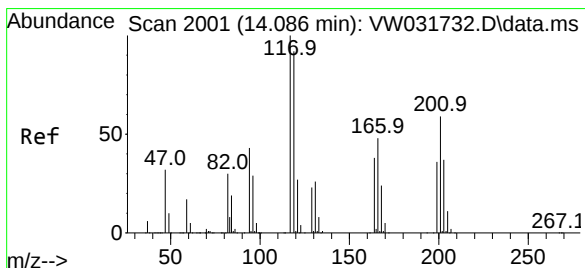
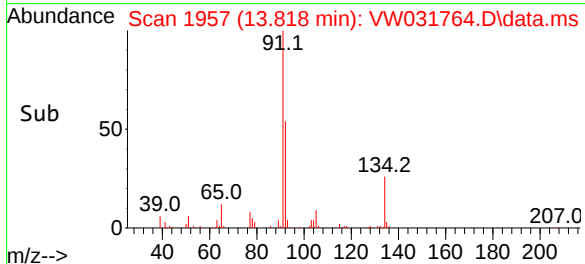
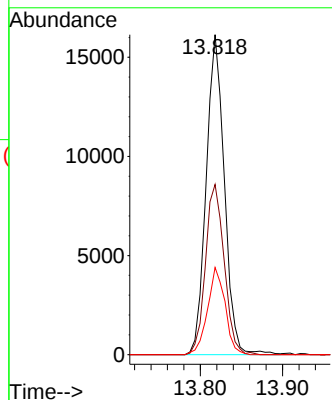
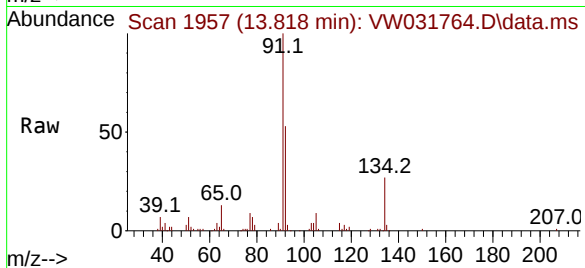
Tgt Ion: 91 Resp: 24868

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

134 26.4 12.2 36.6



#90

Hexachloroethane

Concen: 2.198 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031764.D

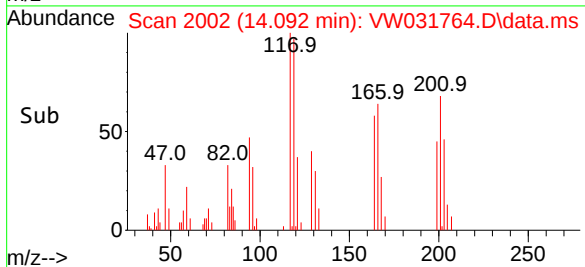
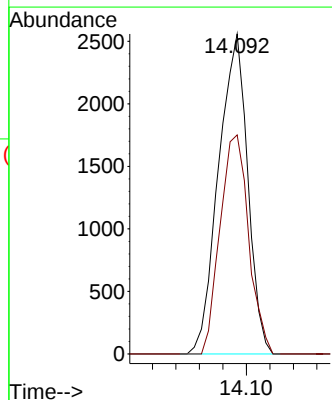
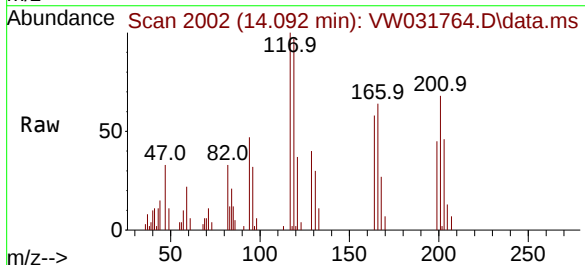
Acq: 03 Jul 2025 14:42

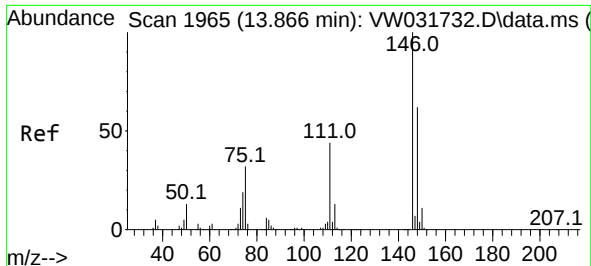
Tgt Ion: 117 Resp: 4406

Ion Ratio Lower Upper

117 100

201 67.2 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 2.435 ug/l

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

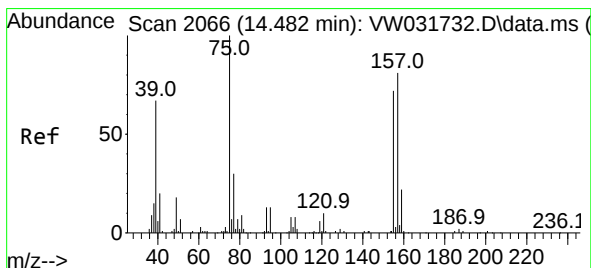
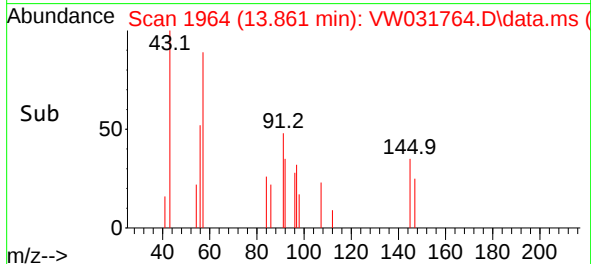
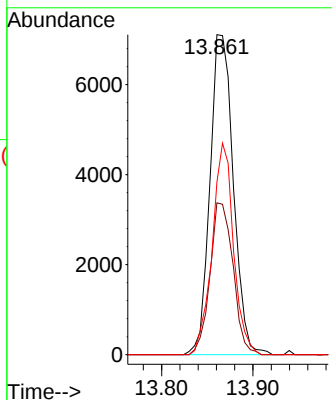
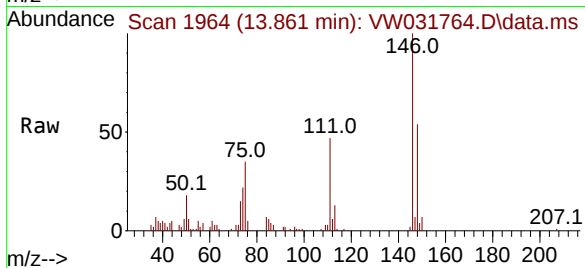
Tgt Ion:146 Resp: 12608

Ion Ratio Lower Upper

146 100

111 46.7 21.7 65.1

148 60.3 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.548 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

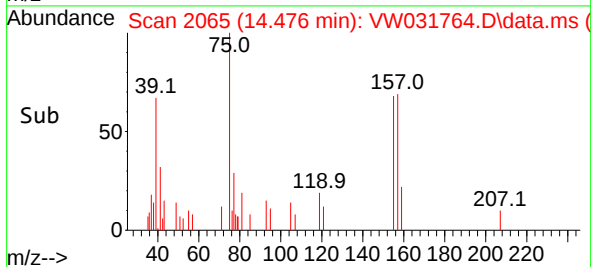
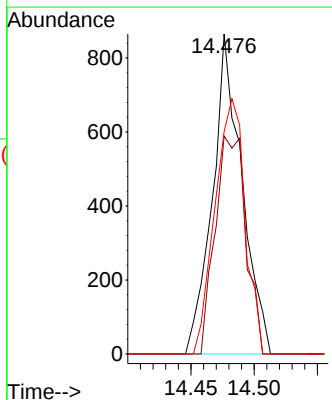
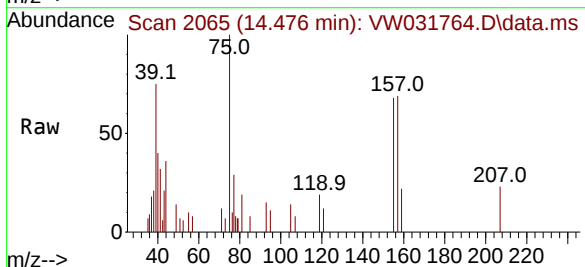
Tgt Ion: 75 Resp: 1399

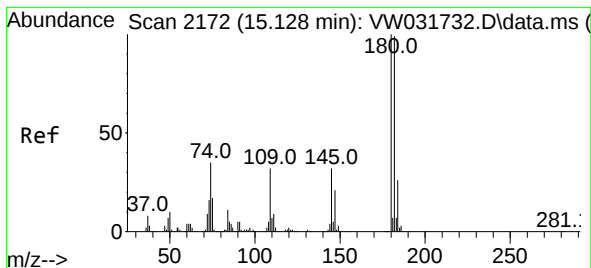
Ion Ratio Lower Upper

75 100

155 71.0 37.2 111.6

157 80.9 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 2.421 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

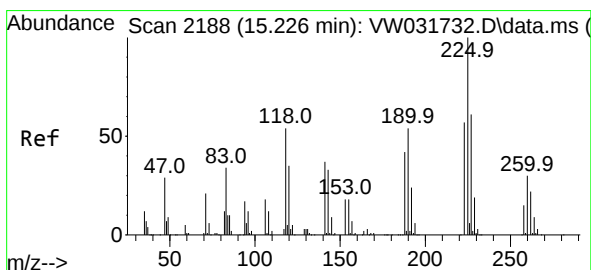
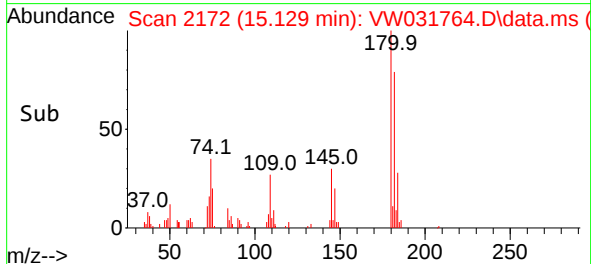
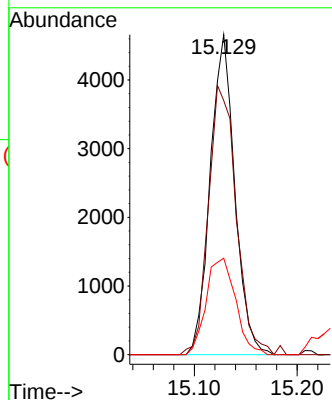
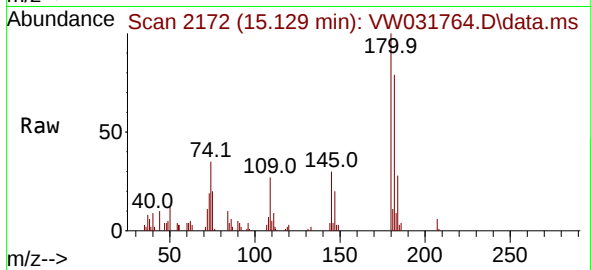
Tgt Ion:180 Resp: 7731

Ion Ratio Lower Upper

180 100

182 95.3 48.6 145.9

145 36.2 17.3 51.7



#94

Hexachlorobutadiene

Concen: 2.541 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

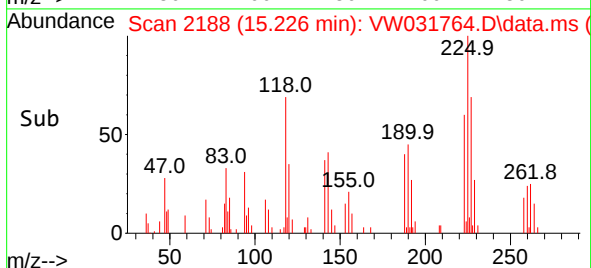
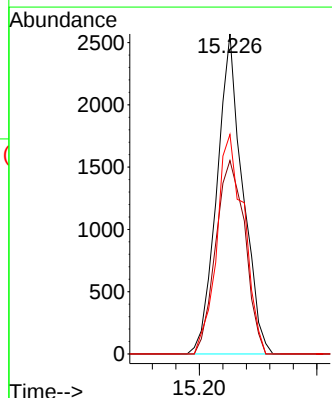
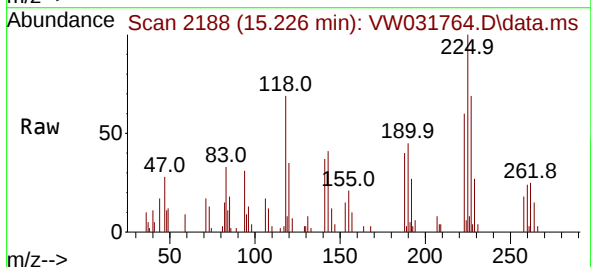
Tgt Ion:225 Resp: 3919

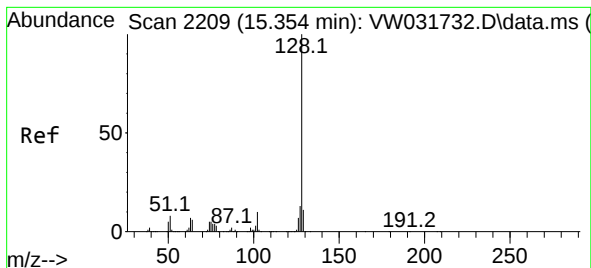
Ion Ratio Lower Upper

225 100

223 68.5 32.6 97.8

227 72.5 37.3 111.8





#95

Naphthalene

Concen: 2.180 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Instrument :

MSVOA_W

ClientSampleId :

MDL07

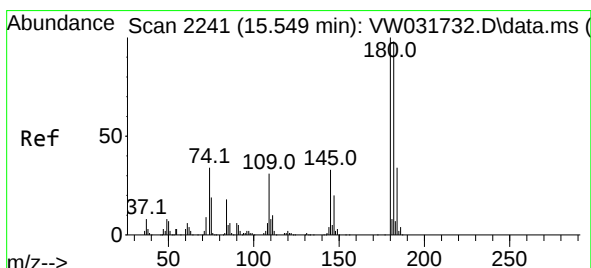
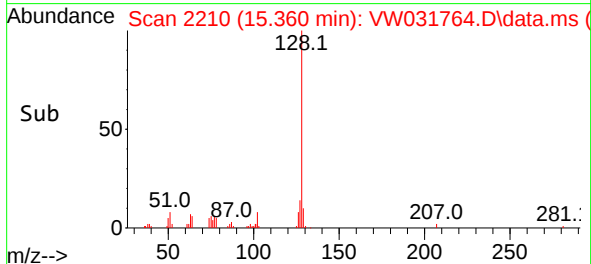
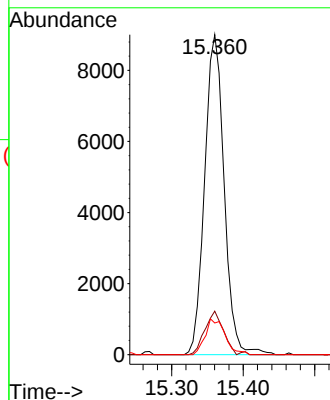
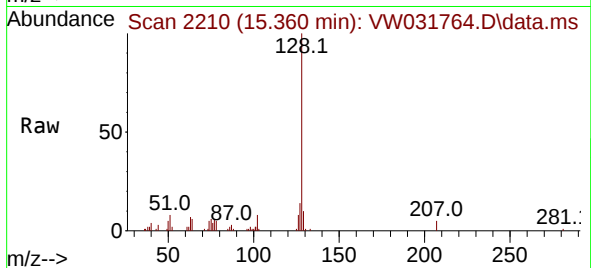
Tgt Ion:128 Resp: 17067

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.466 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031764.D

Acq: 03 Jul 2025 14:42

Tgt Ion:180 Resp: 7237

Ion Ratio Lower Upper

180 100

182 85.3 46.4 139.1

145 38.5 17.8 53.3

