

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031744.D
 Acq On : 01 Jul 2025 12:50
 Operator : SY/MD
 Sample : MDL2
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL2

Quant Time: Jul 02 03:47:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:45:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	224747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	395960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	360880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	164622	51.040	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 102.080%	
35) Dibromofluoromethane	7.898	113	132663	51.344	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.680%	
50) Toluene-d8	10.325	98	498144	51.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.617	95	178492	50.443	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 100.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	3940	2.574	ug/l	96
3) Chloromethane	2.247	50	4775	2.588	ug/l	99
4) Vinyl Chloride	2.405	62	5488	2.263	ug/l	99
5) Bromomethane	2.832	94	4705	2.484	ug/l	94
6) Chloroethane	2.966	64	3812	2.314	ug/l #	86
7) Trichlorofluoromethane	3.308	101	5027	2.282	ug/l	98
8) Diethyl Ether	3.716	74	5838	3.488	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	6448	2.637	ug/l	99
10) Methyl Iodide	4.308	142	8866	2.352	ug/l	100
11) Tert butyl alcohol	5.222	59	2325	11.635	ug/l #	82
12) 1,1-Dichloroethene	4.088	96	6643	2.481	ug/l	84
13) Acrolein	3.923	56	1642	4.572	ug/l	100
14) Allyl chloride	4.698	41	9596	2.335	ug/l	93
15) Acrylonitrile	5.405	53	9692	11.775	ug/l	100
16) Acetone	4.155	43	11498	14.423	ug/l	98
17) Carbon Disulfide	4.423	76	14822	2.068	ug/l #	91
18) Methyl Acetate	4.716	43	5717	2.509	ug/l	95
19) Methyl tert-butyl Ether	5.466	73	11266	2.479	ug/l	95
20) Methylene Chloride	4.948	84	17011	4.646	ug/l #	93
21) trans-1,2-Dichloroethene	5.466	96	6466	2.272	ug/l	89
22) Diisopropyl ether	6.356	45	17501	2.184	ug/l	96
23) Vinyl Acetate	6.289	43	53801	9.829	ug/l	96
24) 1,1-Dichloroethane	6.240	63	12248	2.357	ug/l	97
25) 2-Butanone	7.197	43	11254	10.851	ug/l	93
26) 2,2-Dichloropropane	7.191	77	7077	2.335	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	7510	2.296	ug/l	99
28) Bromochloromethane	7.533	49	5732	2.500	ug/l #	98
29) Tetrahydrofuran	7.551	42	7693	10.831	ug/l	99
30) Chloroform	7.697	83	12982	2.352	ug/l	93
31) Cyclohexane	7.965	56	15096	3.287	ug/l #	61
32) 1,1,1-Trichloroethane	7.892	97	10223	2.403	ug/l	96
36) 1,1-Dichloropropene	8.100	75	9005	2.408	ug/l	99
37) Ethyl Acetate	7.283	43	4952	2.100	ug/l #	92
38) Carbon Tetrachloride	8.081	117	9195	2.413	ug/l	93
39) Methylcyclohexane	9.337	83	11062	2.378	ug/l	90
40) Benzene	8.337	78	26866	2.429	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	2695	2.133	ug/l #	86
42) 1,2-Dichloroethane	8.410	62	9436	2.525	ug/l	100
43) Isopropyl Acetate	8.435	43	9472	2.330	ug/l	96
44) Trichloroethene	9.099	130	6899	2.499	ug/l	99
45) 1,2-Dichloropropane	9.380	63	5891	2.203	ug/l #	87
46) Dibromomethane	9.471	93	4225	2.448	ug/l	95
47) Bromodichloromethane	9.654	83	9475	2.341	ug/l	94
48) Methyl methacrylate	9.441	41	3764	1.883	ug/l	88
49) 1,4-Dioxane	9.465	88	548	27.108	ug/l #	77
51) 4-Methyl-2-Pentanone	10.215	43	25234	10.796	ug/l	99
52) Toluene	10.392	92	17042	2.406	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	8129	2.141	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	9609	2.232	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	5391	2.384	ug/l #	88
56) Ethyl methacrylate	10.648	69	6645	2.166	ug/l #	86
57) 1,3-Dichloropropane	10.934	76	9019	2.272	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.928	63	18469	10.935	ug/l	100
59) 2-Hexanone	10.971	43	16406	10.358	ug/l	99
60) Dibromochloromethane	11.129	129	5898	2.181	ug/l	97
61) 1,2-Dibromoethane	11.233	107	5570	2.461	ug/l	94
64) Tetrachloroethene	10.867	164	5838	2.473	ug/l	89
65) Chlorobenzene	11.654	112	18183	2.284	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	5685	2.241	ug/l	93
67) Ethyl Benzene	11.727	91	30287	2.194	ug/l	96
68) m/p-Xylenes	11.837	106	22586	4.255	ug/l	99
69) o-Xylene	12.166	106	10793	2.196	ug/l	99
70) Styrene	12.178	104	17413	2.050	ug/l	95
71) Bromoform	12.355	173	3258	2.152	ug/l #	100
73) Isopropylbenzene	12.458	105	27629	2.202	ug/l	98
74) N-amyl acetate	12.270	43	7194	2.127	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.715	83	6813	2.446	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	8615	4.042	ug/l #	1
77) Bromobenzene	12.745	156	7153	2.556	ug/l	96
78) n-propylbenzene	12.806	91	34916	2.324	ug/l	99
79) 2-Chlorotoluene	12.891	91	21454	2.371	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	23524	2.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.617	75	97721	106.778	ug/l #	8
82) 4-Chlorotoluene	12.989	91	22332	2.351	ug/l	99
83) tert-Butylbenzene	13.202	119	19573	2.200	ug/l	96
84) 1,2,4-Trimethylbenzene	13.251	105	22593	2.147	ug/l	100
85) sec-Butylbenzene	13.379	105	29825	2.234	ug/l	100
86) p-Isopropyltoluene	13.495	119	24304	2.208	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	14015	2.497	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	14858	2.587	ug/l	87
89) n-Butylbenzene	13.818	91	24044	2.249	ug/l	97
90) Hexachloroethane	14.092	117	4379	2.206	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	11906	2.321	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.483	75	1263	2.322	ug/l	88
93) 1,2,4-Trichlorobenzene	15.129	180	7167	2.266	ug/l	98
94) Hexachlorobutadiene	15.226	225	3540	2.317	ug/l	93
95) Naphthalene	15.360	128	16607	2.141	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	7119	2.449	ug/l	96

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QLast Update : Wed Jul 02 03:45:35 2025
Response via : Initial Calibration

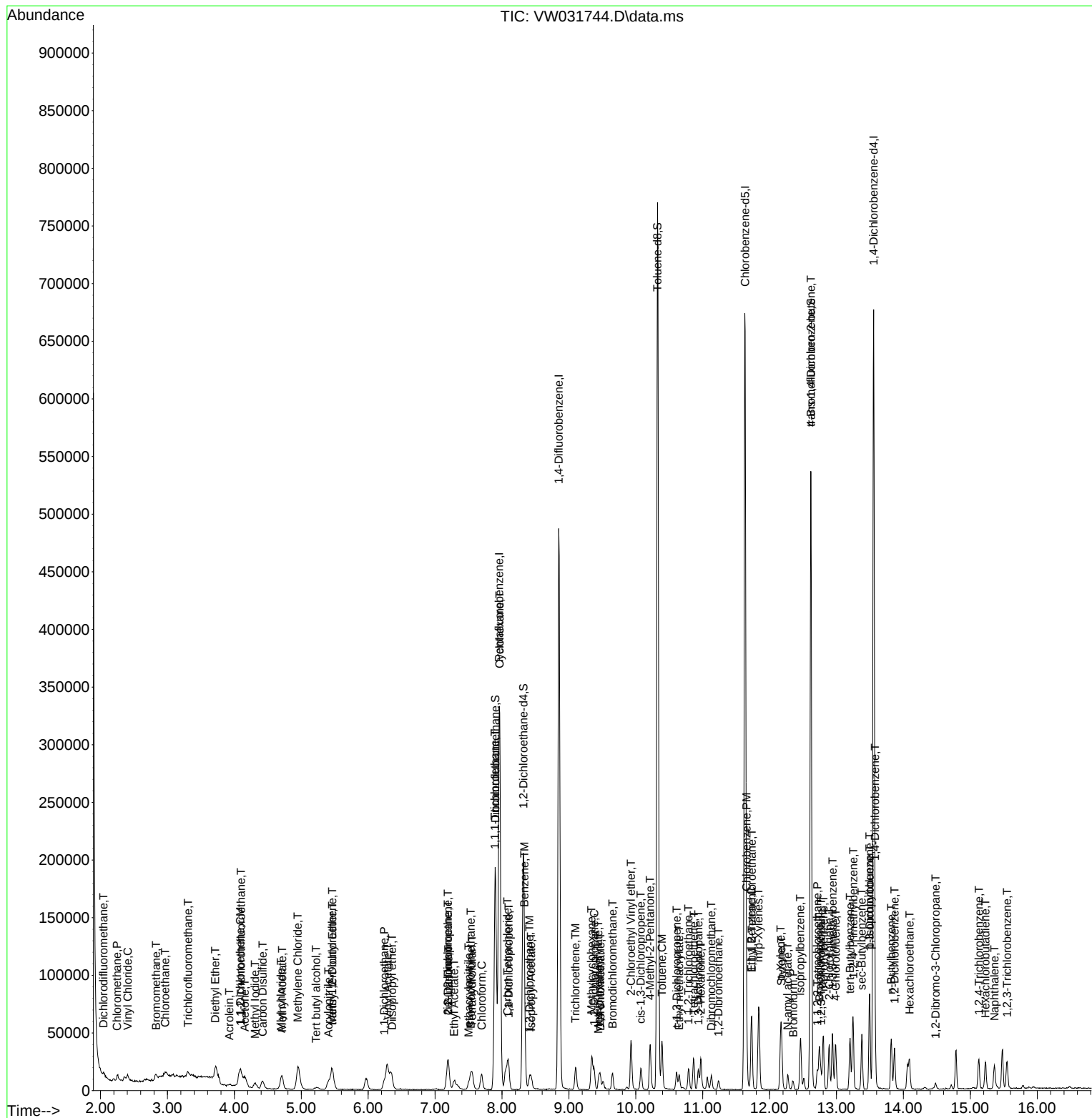
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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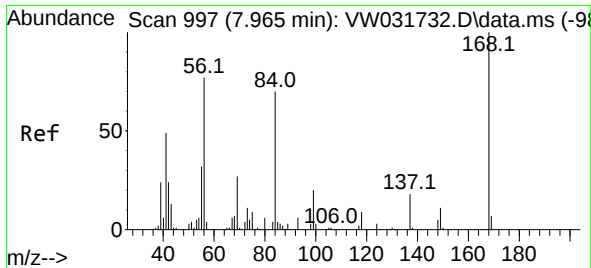
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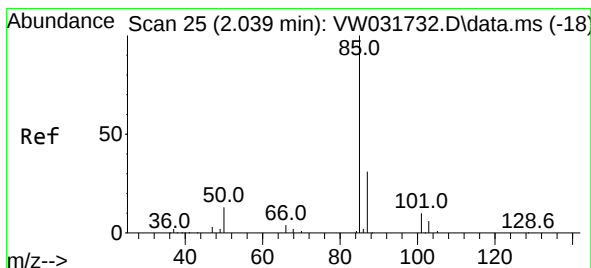
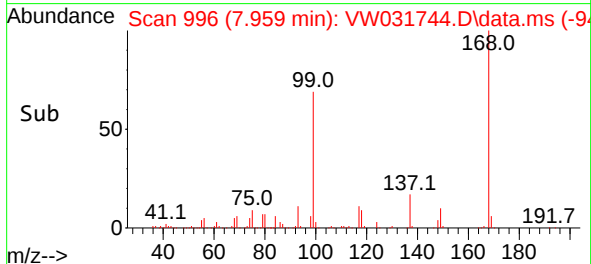
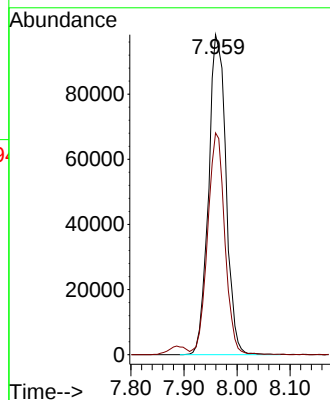
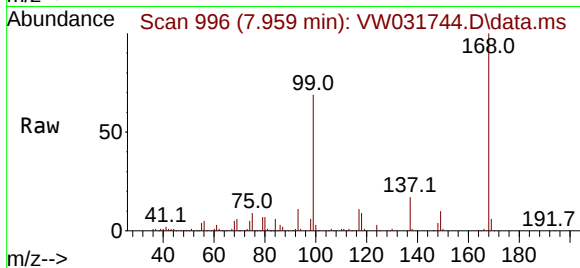




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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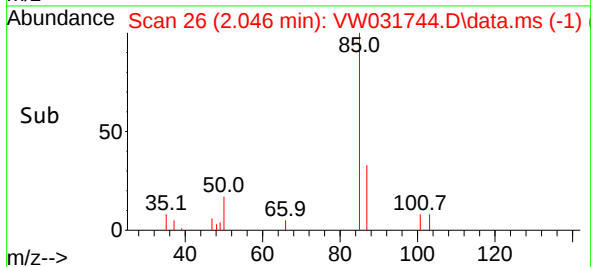
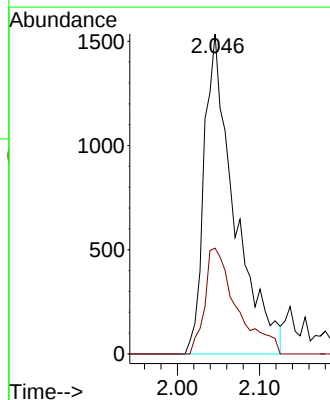
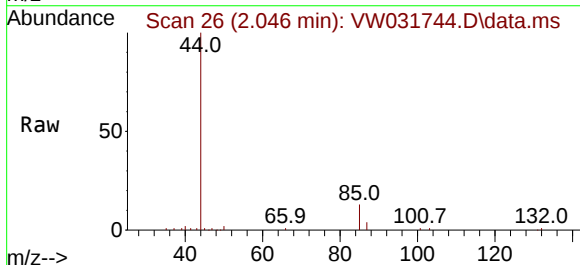
Instrument :
MSVOA_W
ClientSampleId :
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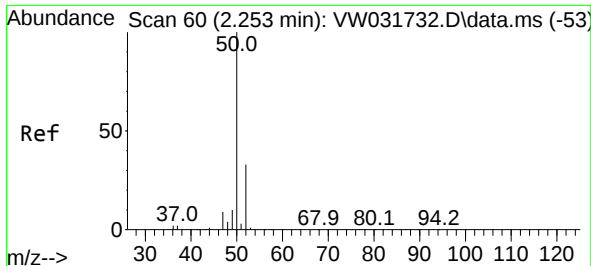
Tgt Ion:168 Resp: 224747
Ion Ratio Lower Upper
168 100
99 69.2 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 2.574 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 85 Resp: 3940
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.2

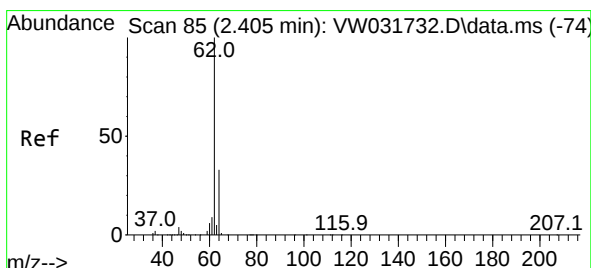
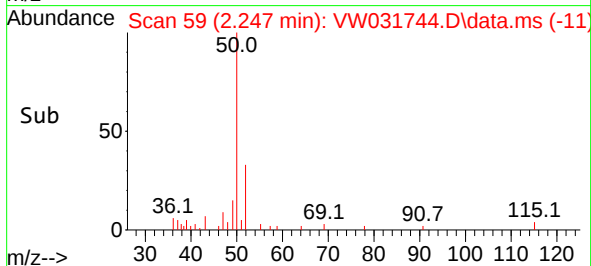
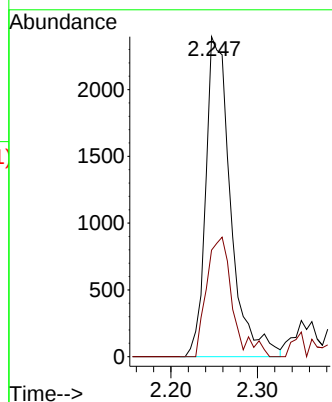
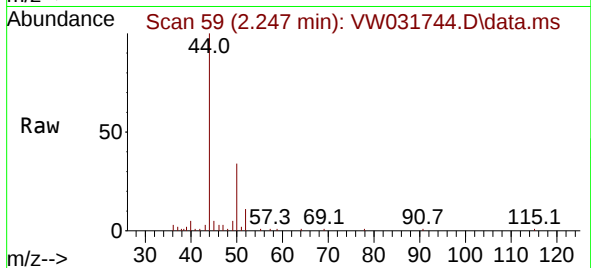




#3
Chloromethane
Concen: 2.588 ug/l
RT: 2.247 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

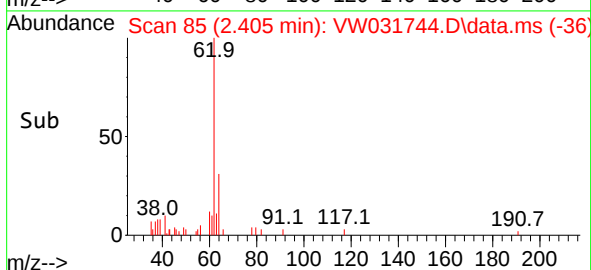
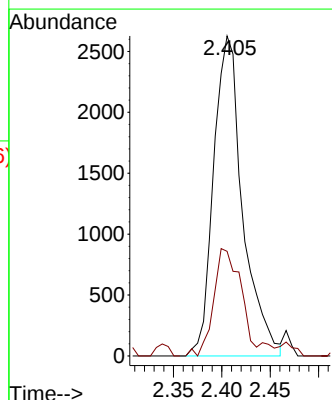
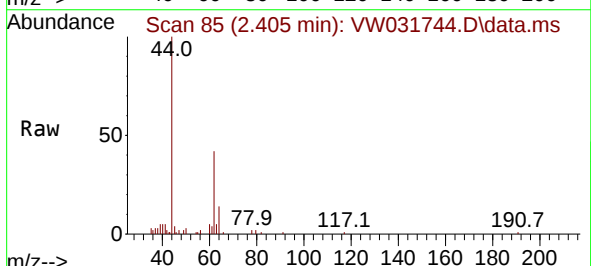
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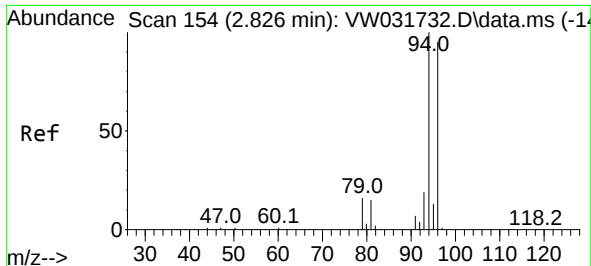
Tgt Ion: 50 Resp: 4775
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 2.263 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 62 Resp: 5488
Ion Ratio Lower Upper
62 100
64 32.7 26.8 40.2

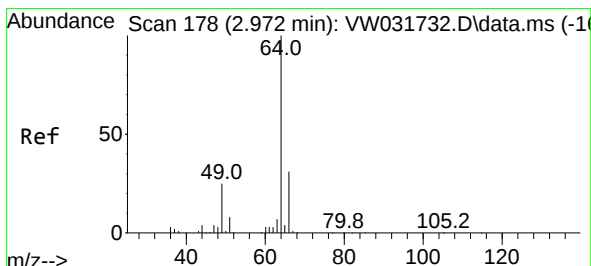
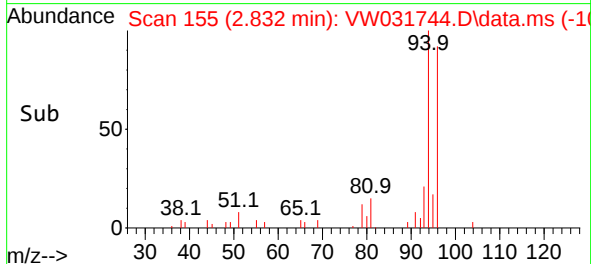
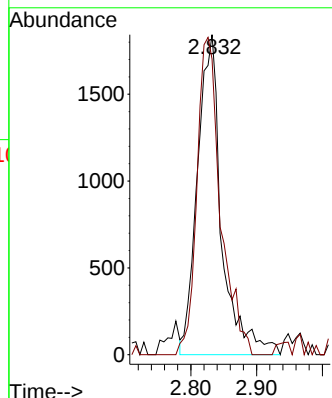
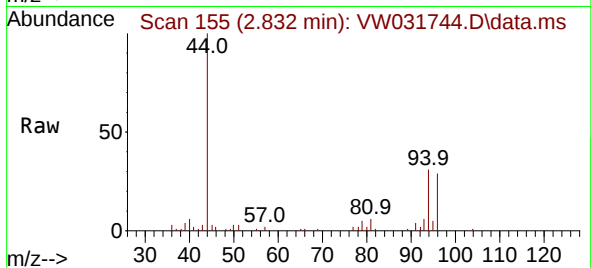




#5
Bromomethane
Concen: 2.484 ug/l
RT: 2.832 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031744.D
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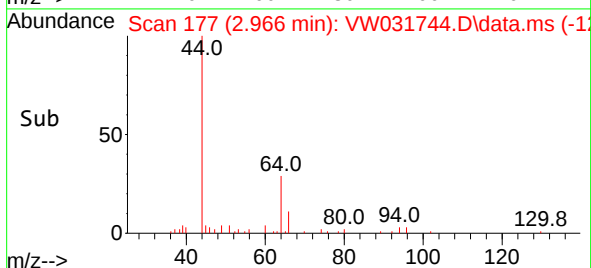
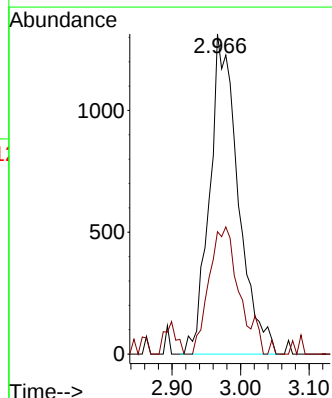
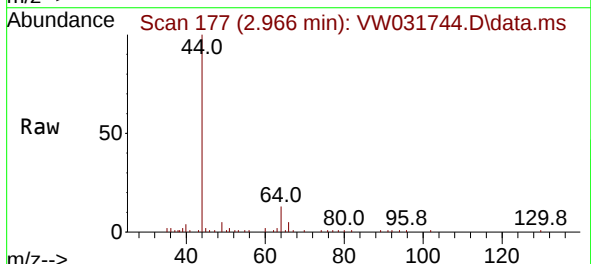
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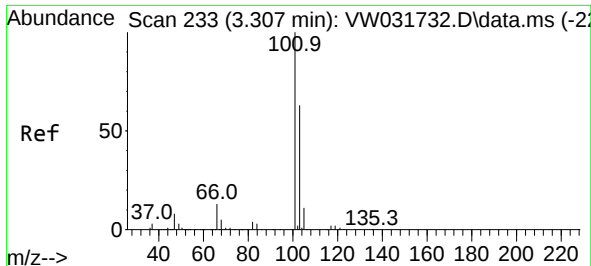
Tgt Ion: 94 Resp: 4705
Ion Ratio Lower Upper
94 100
96 88.9 75.6 113.4



#6
Chloroethane
Concen: 2.314 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 3812
Ion Ratio Lower Upper
64 100
66 38.2 24.5 36.7#

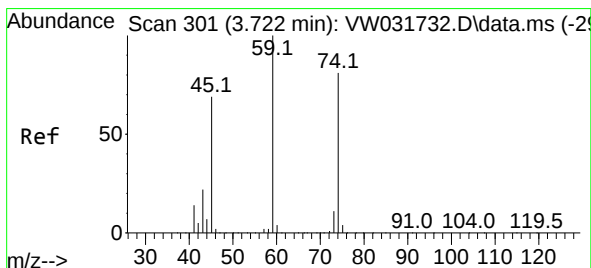
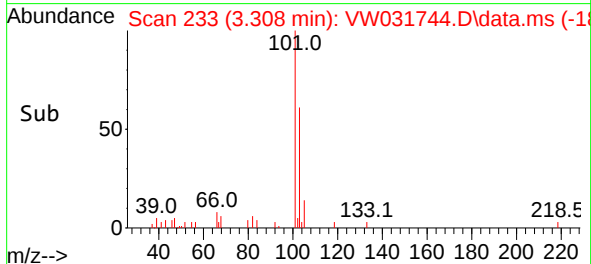
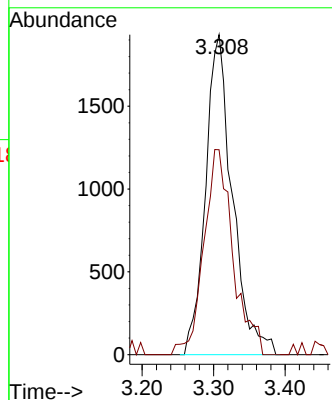
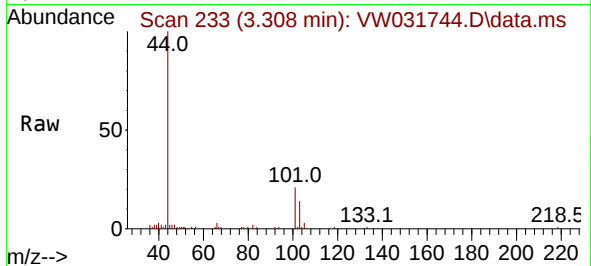




#7
 Trichlorofluoromethane
 Concen: 2.282 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031744.D
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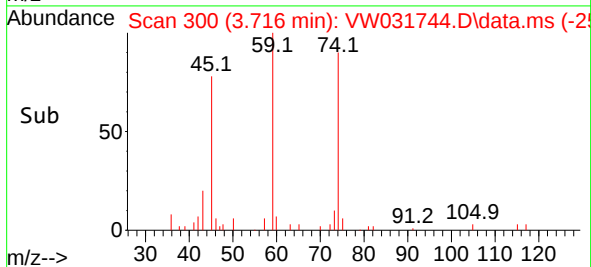
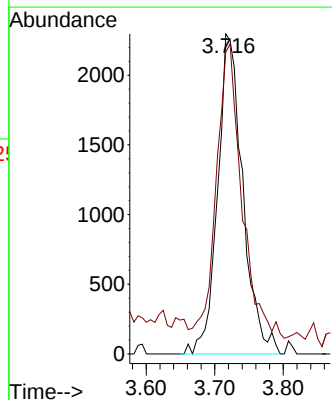
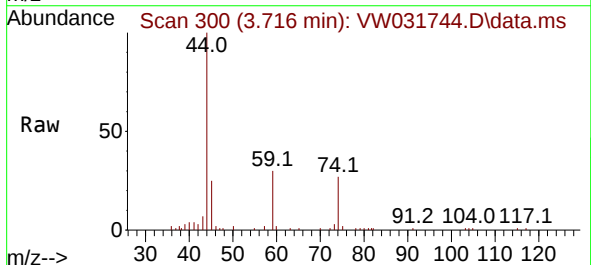
Instrument :
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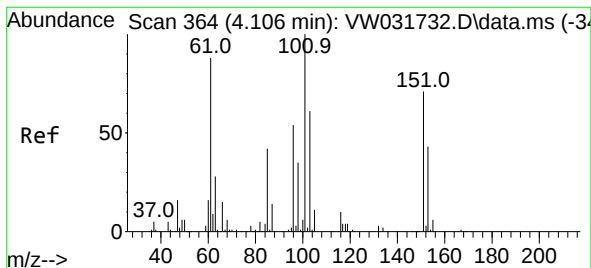
Tgt Ion:101 Resp: 5027
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.2 75.4



#8
 Diethyl Ether
 Concen: 3.488 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW031744.D
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Tgt Ion: 74 Resp: 5838
 Ion Ratio Lower Upper
 74 100
 45 92.8 43.9 131.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.637 ug/l

RT: 4.100 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW031744.D

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Instrument :

MSVOA_W

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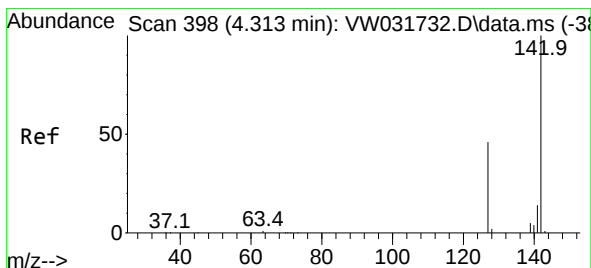
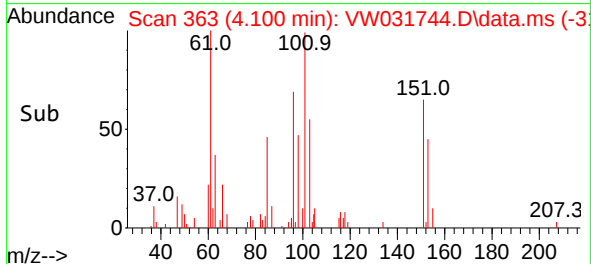
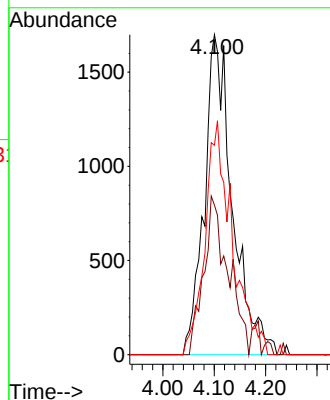
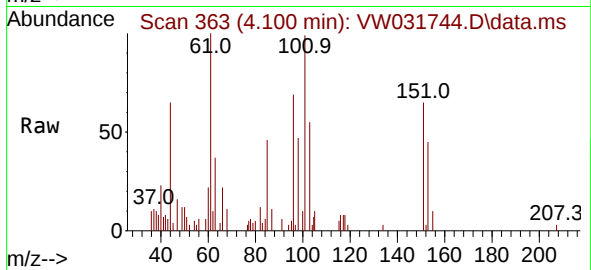
Tgt Ion:101 Resp: 6448

Ion Ratio Lower Upper

101 100

85 43.1 35.6 53.4

151 70.5 56.8 85.2



#10

Methyl Iodide

Concen: 2.352 ug/l

RT: 4.308 min Scan# 397

Delta R.T. -0.006 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

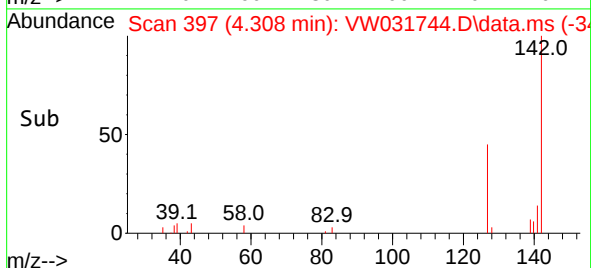
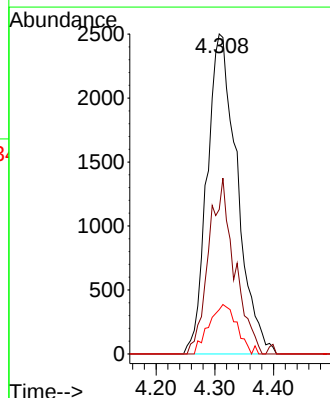
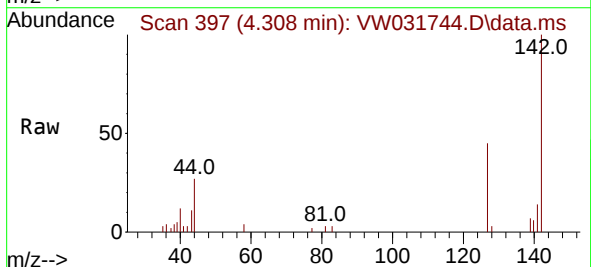
Tgt Ion:142 Resp: 8866

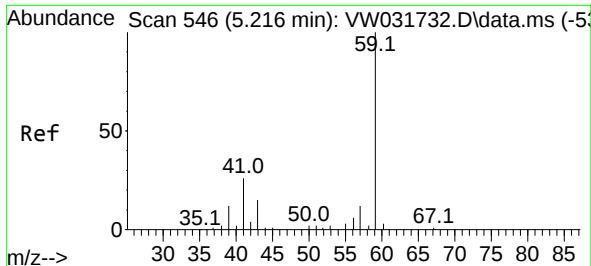
Ion Ratio Lower Upper

142 100

127 47.4 37.9 56.9

141 14.5 11.7 17.5

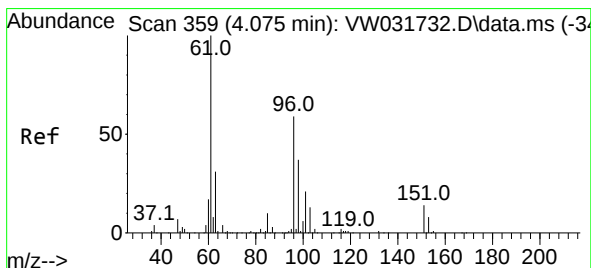
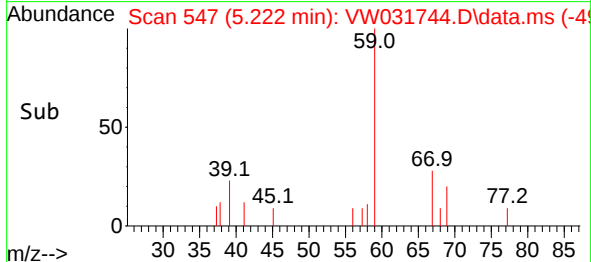
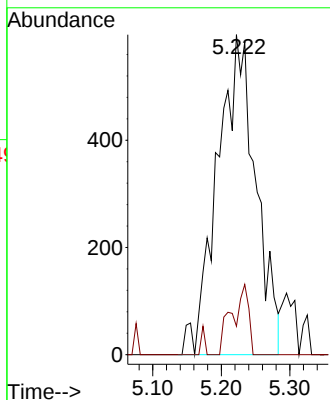
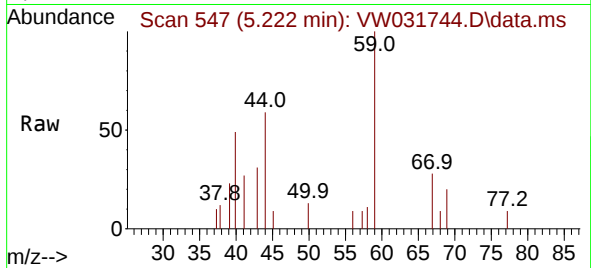




#11
Tert butyl alcohol
Concen: 11.635 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

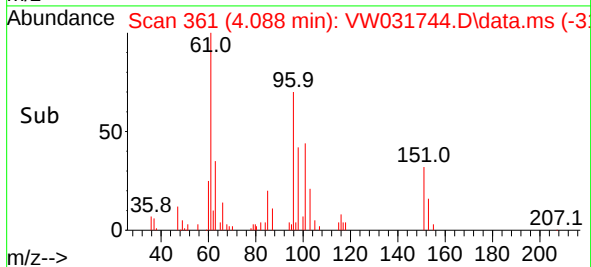
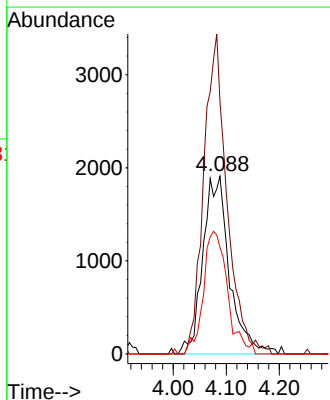
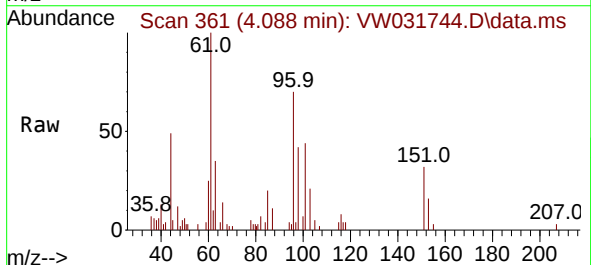
Instrument :
MSVOA_W
ClientSampleId :
MDL2

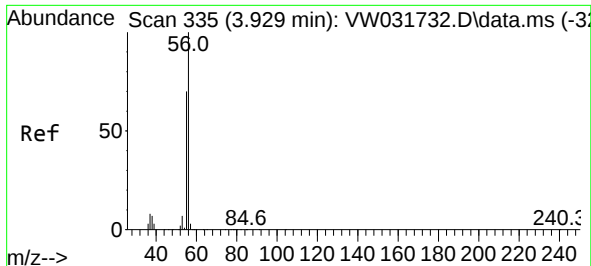
Tgt Ion: 59 Resp: 2325
Ion Ratio Lower Upper
59 100
57 5.0 9.5 14.3#



#12
1,1-Dichloroethene
Concen: 2.481 ug/l
RT: 4.088 min Scan# 361
Delta R.T. 0.013 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 96 Resp: 6643
Ion Ratio Lower Upper
96 100
61 142.1 135.8 203.8
98 60.0 50.4 75.6

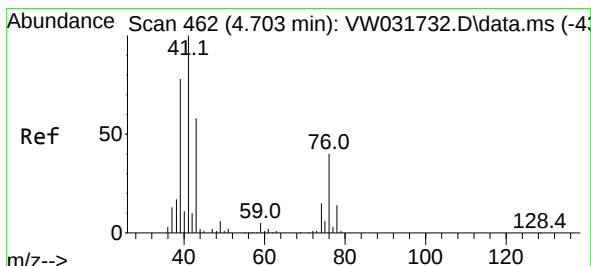
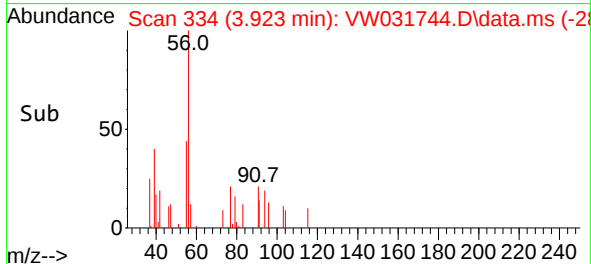
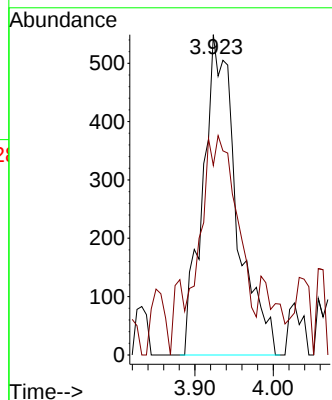
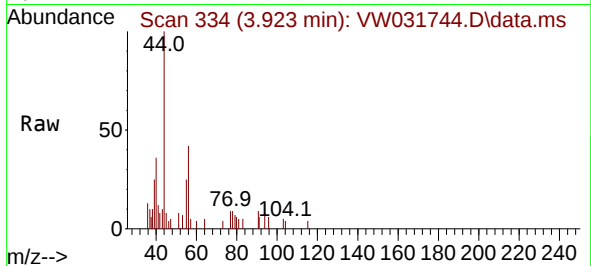




#13
Acrolein
Concen: 4.572 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

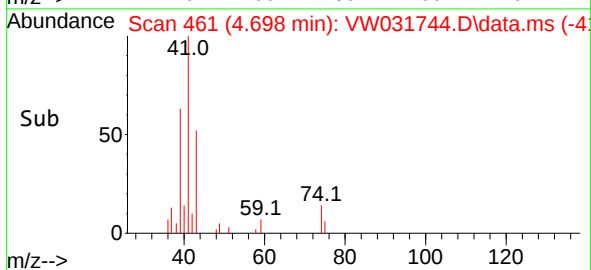
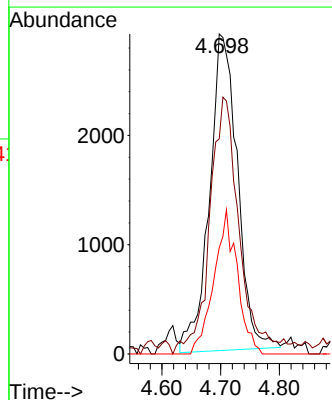
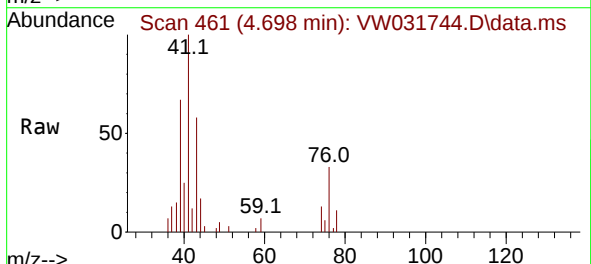
Instrument :
MSVOA_W
ClientSampleId :
MDL2

Tgt Ion: 56 Resp: 1642
Ion Ratio Lower Upper
56 100
55 67.5 54.0 81.0



#14
Allyl chloride
Concen: 2.335 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 41 Resp: 9596
Ion Ratio Lower Upper
41 100
39 84.8 60.7 91.1
76 38.0 30.3 45.5

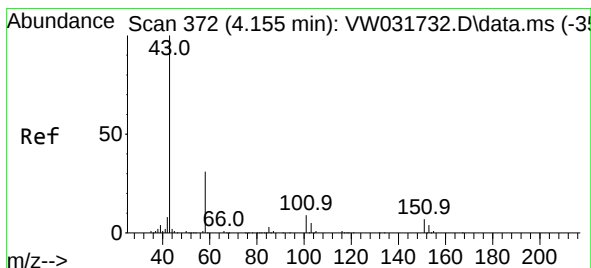
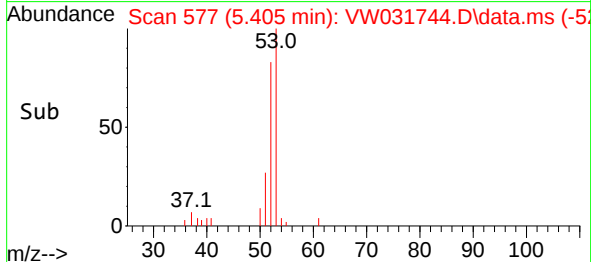
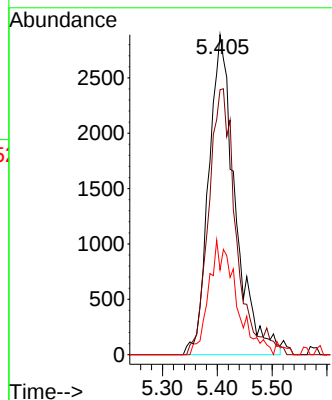
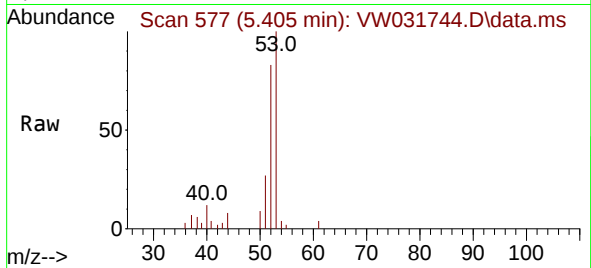




#15
Acrylonitrile
Concen: 11.775 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

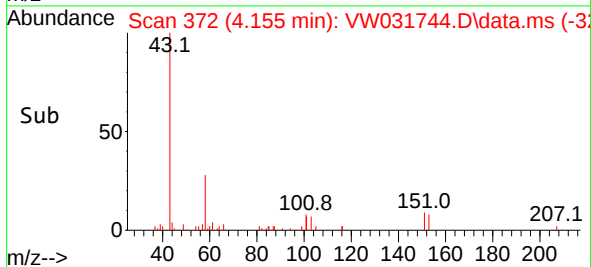
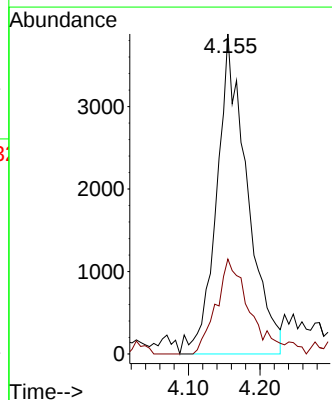
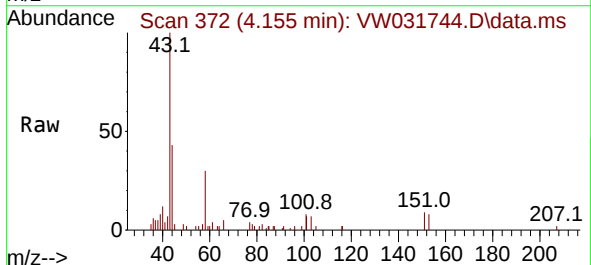
Instrument :
MSVOA_W
ClientSampleId :
MDL2

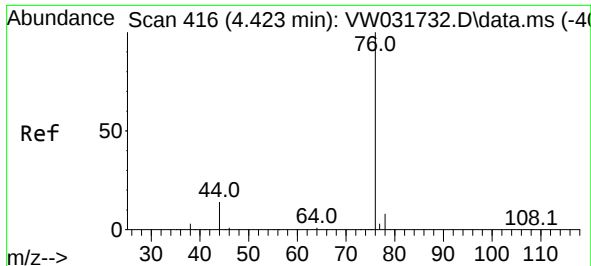
Tgt Ion:	53	Resp:	9692
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	37.2	29.9	44.9



#16
Acetone
Concen: 14.423 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion:	43	Resp:	11498
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.8	37.2

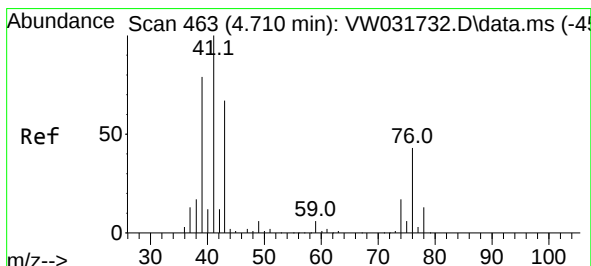
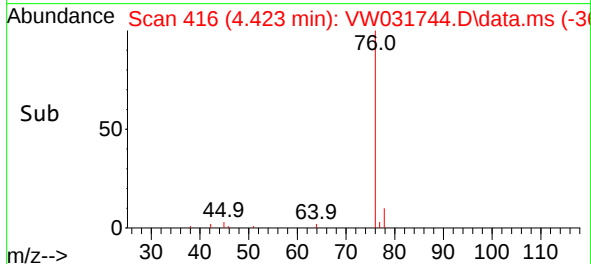
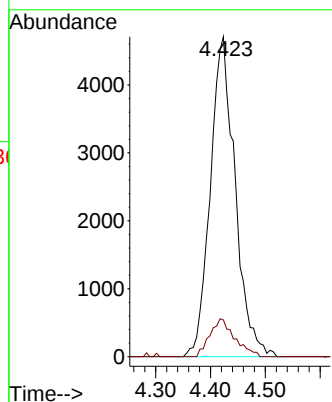
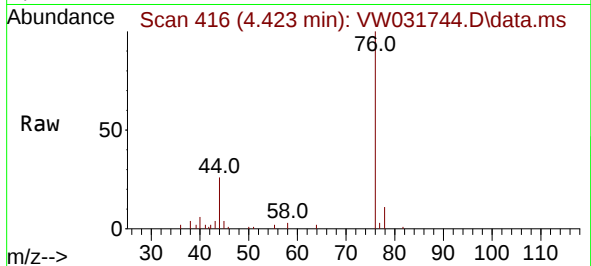




#17
Carbon Disulfide
Concen: 2.068 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

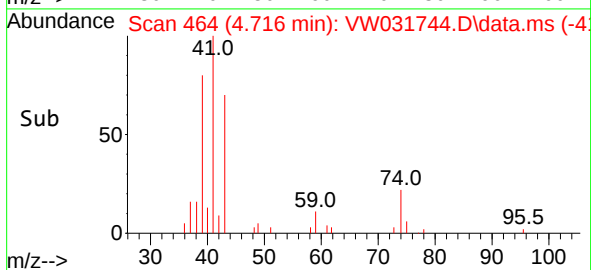
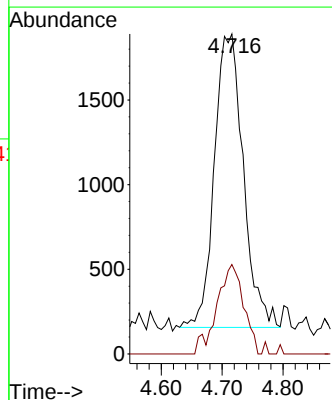
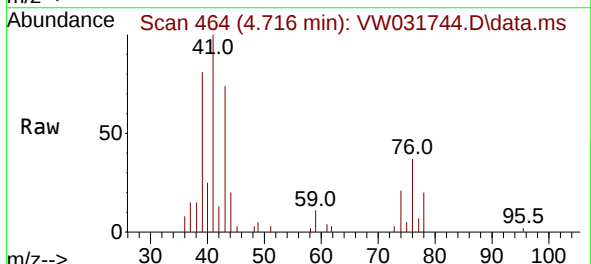
Instrument :
MSVOA_W
ClientSampleId :
MDL2

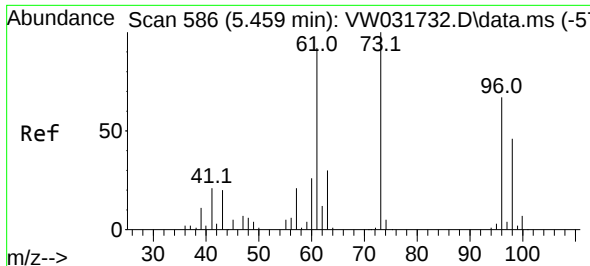
Tgt Ion: 76 Resp: 14822
Ion Ratio Lower Upper
76 100
78 11.5 6.6 10.0#



#18
Methyl Acetate
Concen: 2.509 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 43 Resp: 5717
Ion Ratio Lower Upper
43 100
74 28.1 20.6 30.8

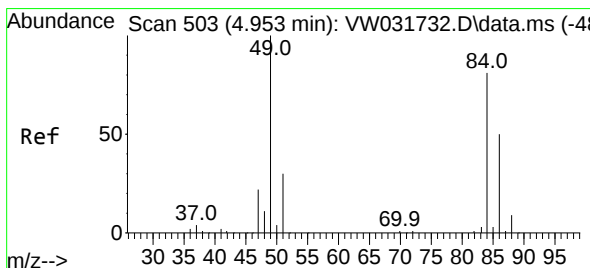
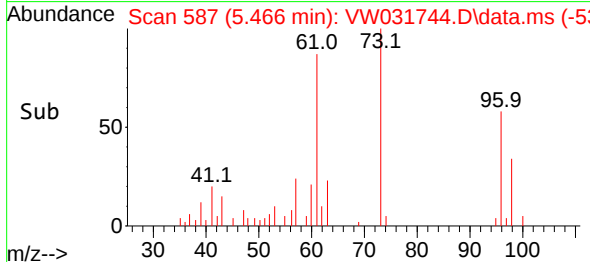
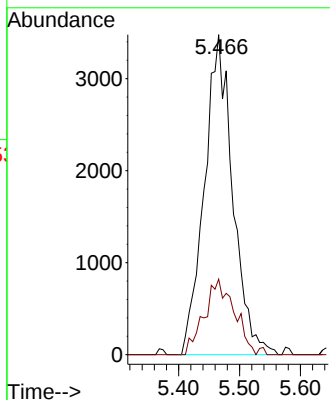
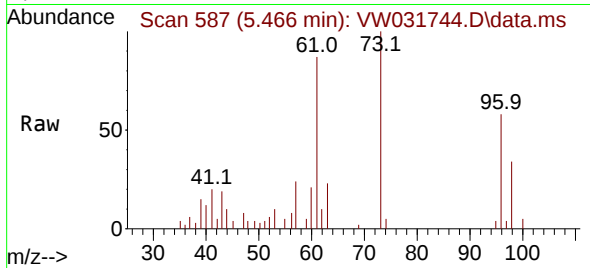




#19
Methyl tert-butyl Ether
Concen: 2.479 ug/l
RT: 5.466 min Scan# 501
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

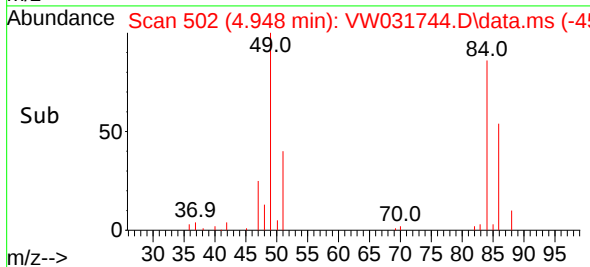
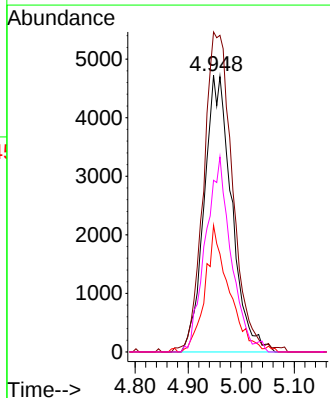
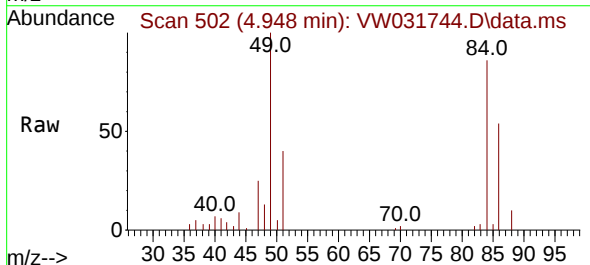
Instrument :
MSVOA_W
ClientSampleId :
MDL2

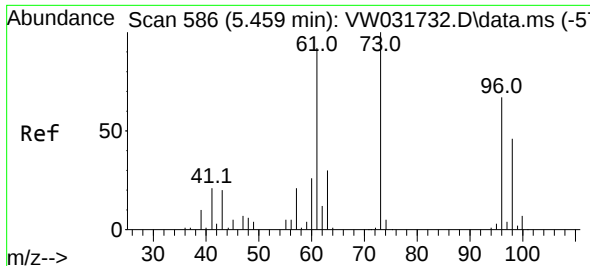
Tgt Ion: 73 Resp: 11266
Ion Ratio Lower Upper
73 100
57 23.6 17.2 25.8



#20
Methylene Chloride
Concen: 4.646 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.005 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 84 Resp: 17011
Ion Ratio Lower Upper
84 100
49 114.2 98.2 147.4
51 45.7 29.8 44.8#
86 62.1 49.5 74.3

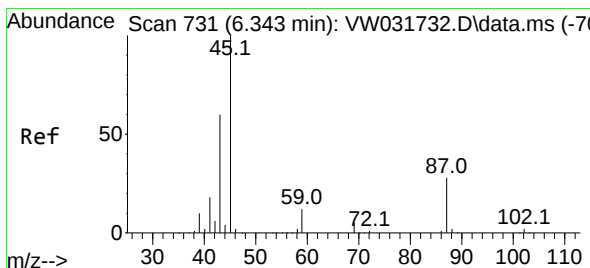
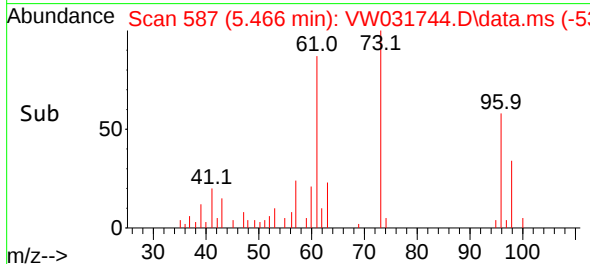
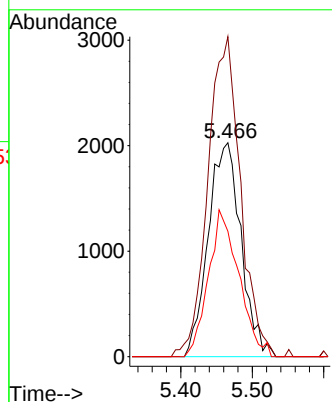
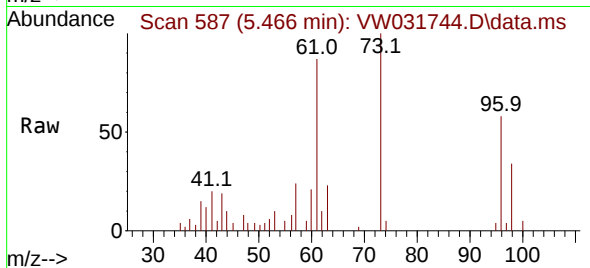




#21
trans-1,2-Dichloroethene
Concen: 2.272 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

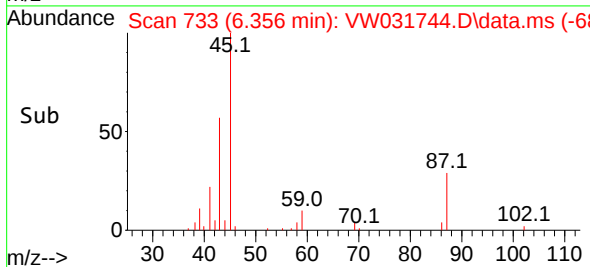
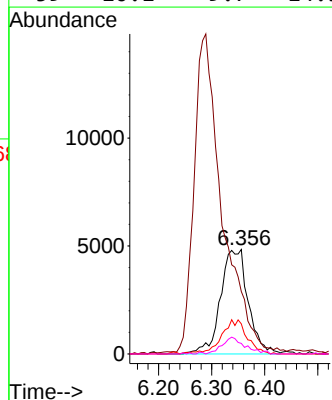
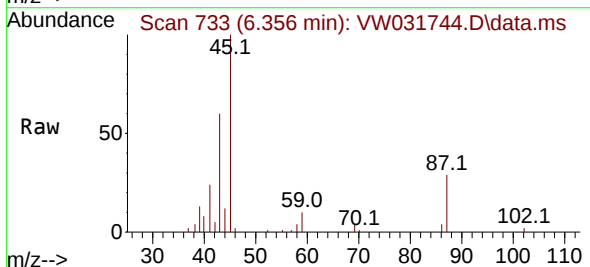
Instrument :
MSVOA_W
ClientSampleId :
MDL2

Tgt Ion: 96	Resp: 6466		
Ion Ratio	Lower	Upper	
96	100		
61	149.6	109.8	164.6
98	58.7	54.9	82.3



#22
Diisopropyl ether
Concen: 2.184 ug/l
RT: 6.356 min Scan# 733
Delta R.T. 0.013 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt	Ion: 45	Resp:	17501
Ion	Ratio	Lower	Upper
45	100		
43	56.2	48.3	72.5
87	28.8	22.6	34.0
59	10.1	9.7	14.5

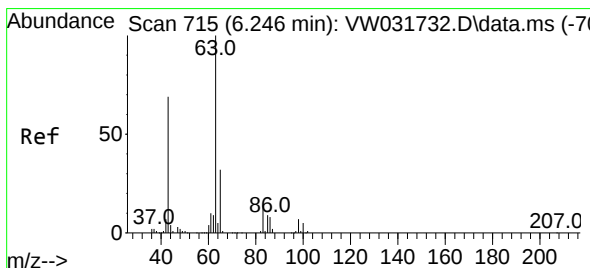
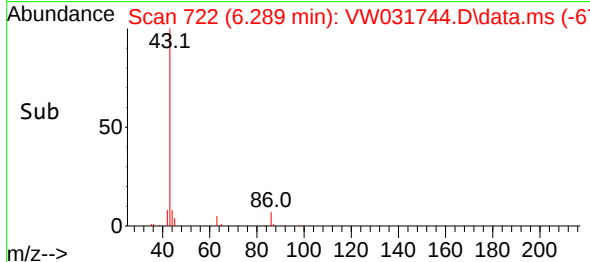
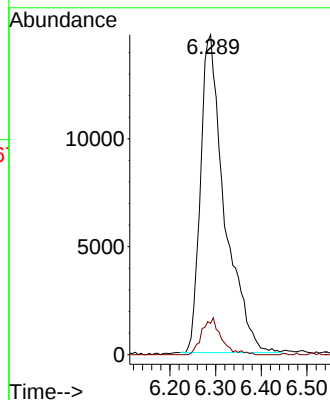
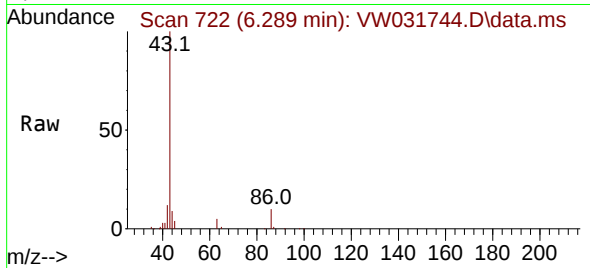




#23
 Vinyl Acetate
 Concen: 9.829 ug/l
 RT: 6.289 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW031744.D
 Acq: 01 Jul 2025 12:50

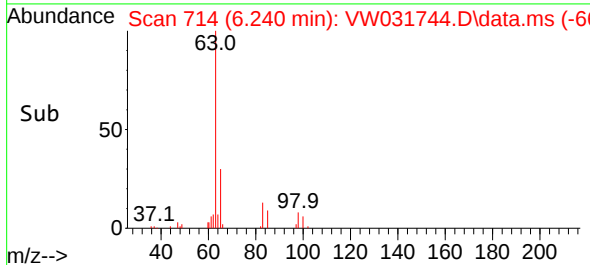
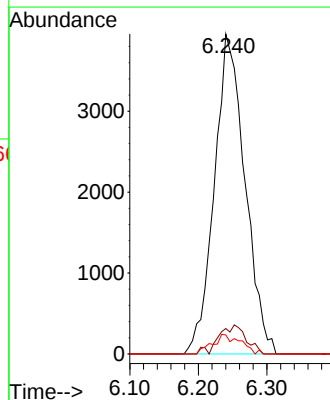
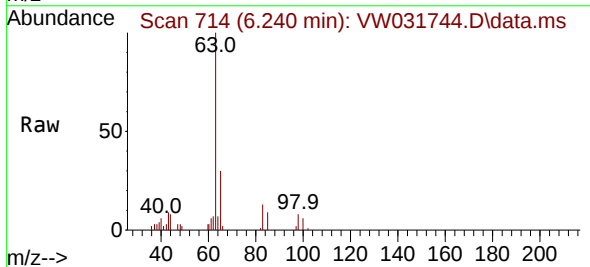
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL2

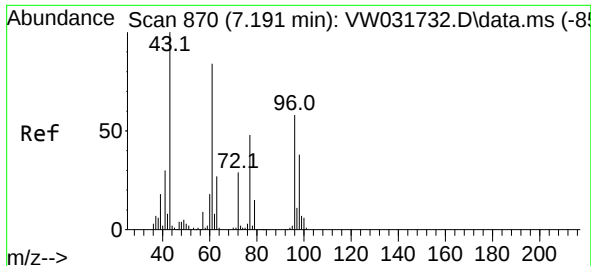
Tgt Ion: 43 Resp: 53801
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 2.357 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031744.D
 Acq: 01 Jul 2025 12:50

Tgt Ion: 63 Resp: 12248
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 6.0 2.5 7.5

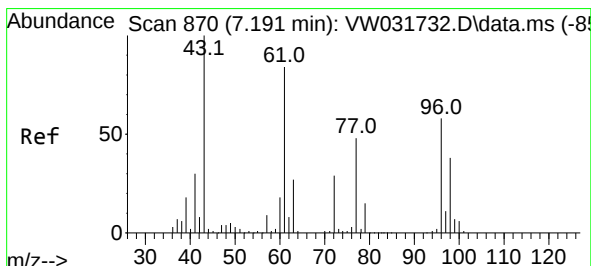
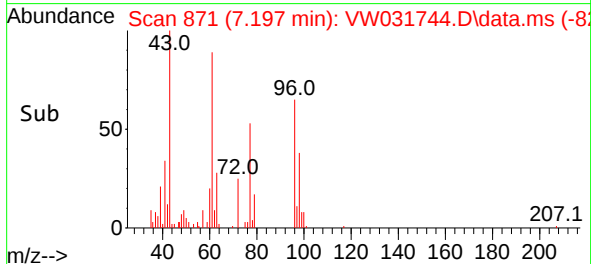
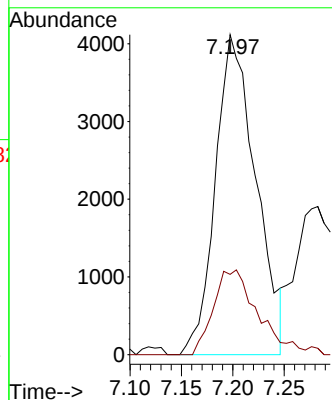
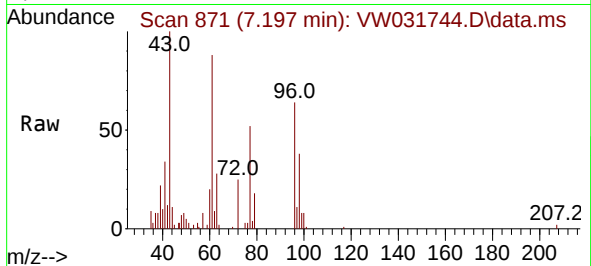




#25
2-Butanone
Concen: 10.851 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

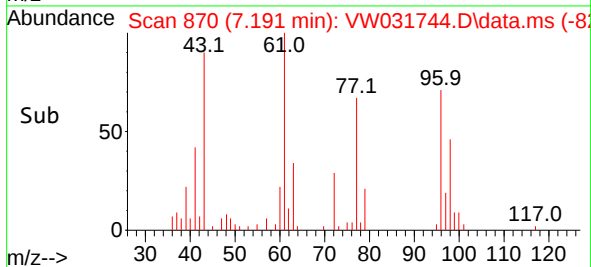
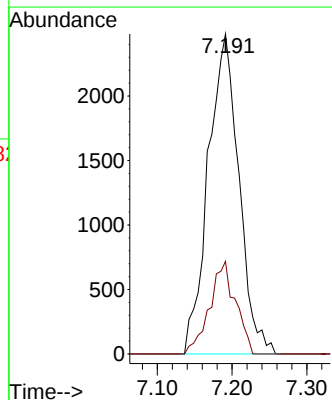
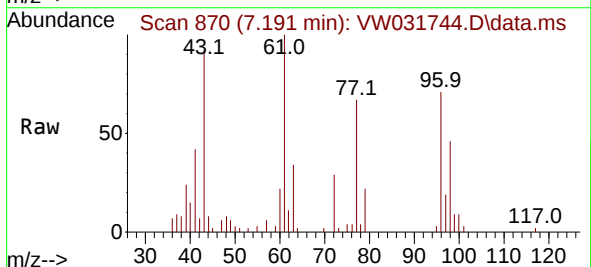
Instrument :
MSVOA_W
ClientSampleId :
MDL2

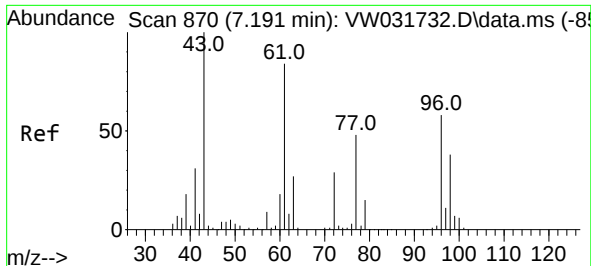
Tgt Ion: 43 Resp: 11254
Ion Ratio Lower Upper
43 100
72 25.1 23.0 34.6



#26
2,2-Dichloropropane
Concen: 2.335 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 77 Resp: 7077
Ion Ratio Lower Upper
77 100
97 24.4 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 2.296 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

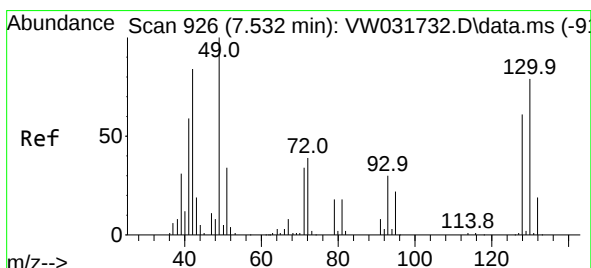
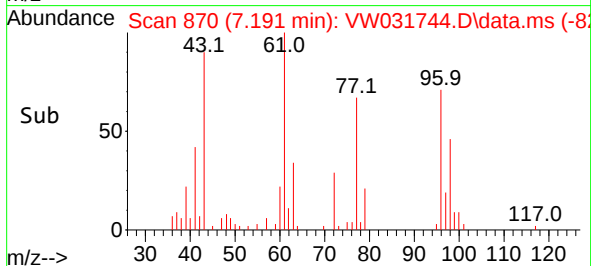
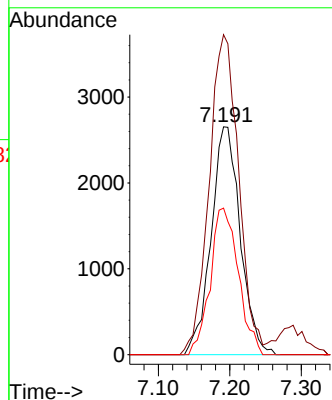
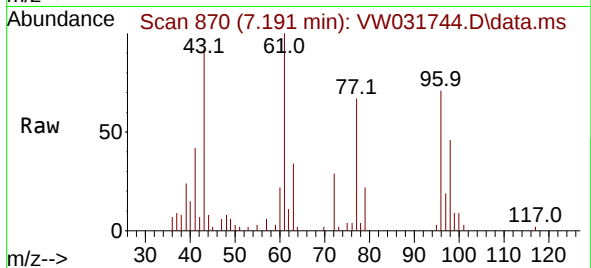
Tgt Ion: 96 Resp: 7510

Ion Ratio Lower Upper

96 100

61 143.0 0.0 286.8

98 62.0 0.0 130.4



#28

Bromochloromethane

Concen: 2.500 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

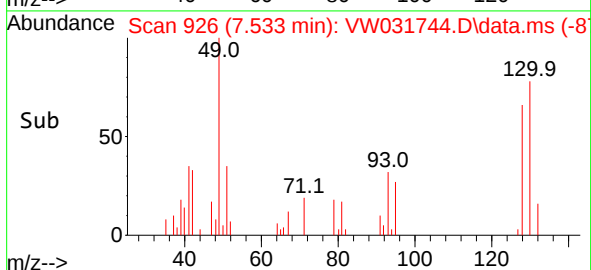
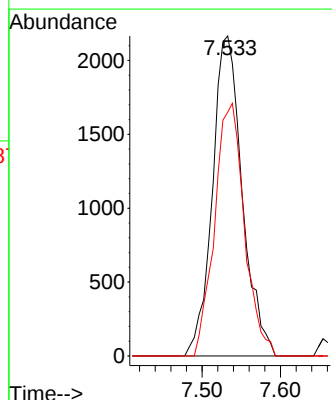
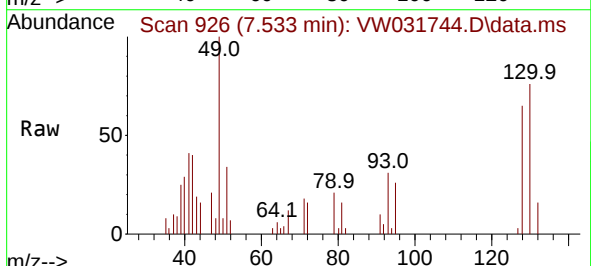
Tgt Ion: 49 Resp: 5732

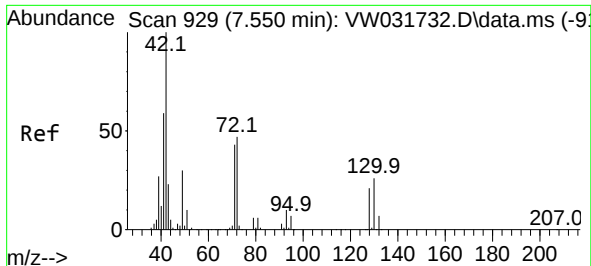
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.4

130 78.7 61.3 91.9





#29

Tetrahydrofuran

Concen: 10.831 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

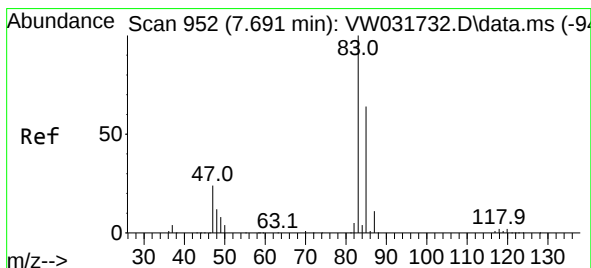
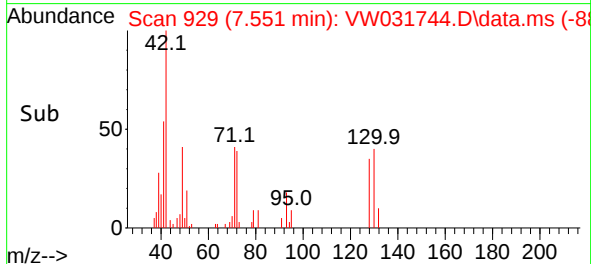
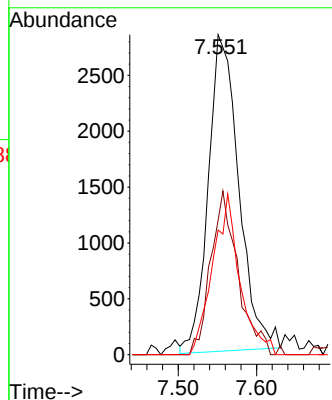
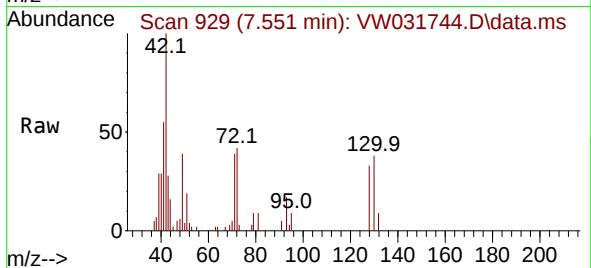
Tgt Ion: 42 Resp: 7693

Ion Ratio Lower Upper

42 100

72 46.0 36.8 55.2

71 45.2 34.6 52.0



#30

Chloroform

Concen: 2.352 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031744.D

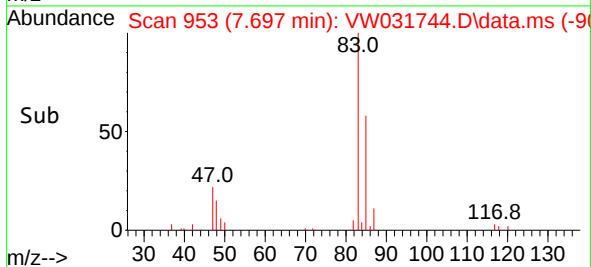
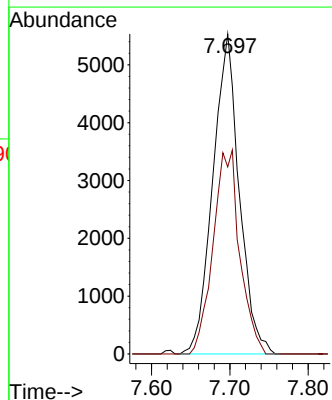
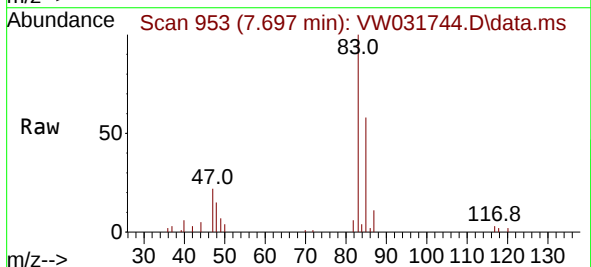
Acq: 01 Jul 2025 12:50

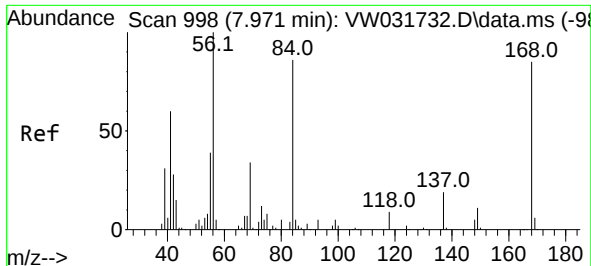
Tgt Ion: 83 Resp: 12982

Ion Ratio Lower Upper

83 100

85 58.4 51.4 77.0

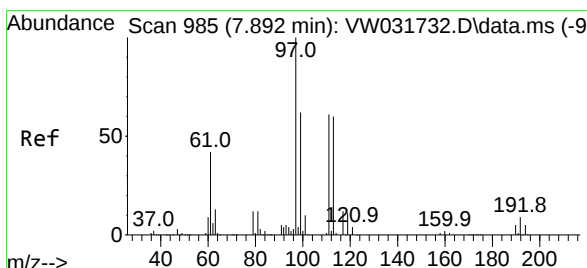
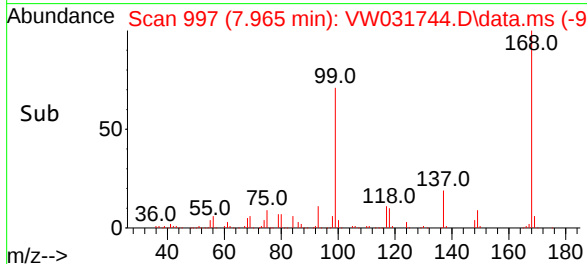
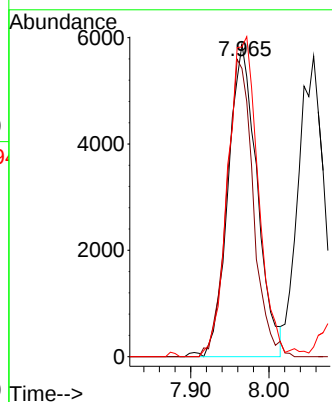
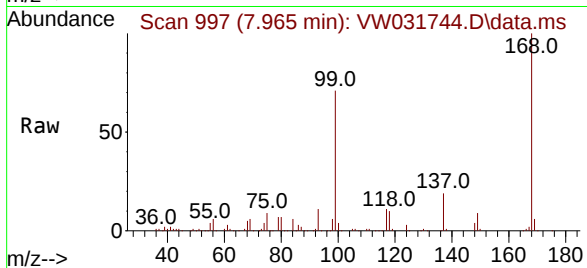




#31
Cyclohexane
Concen: 3.287 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

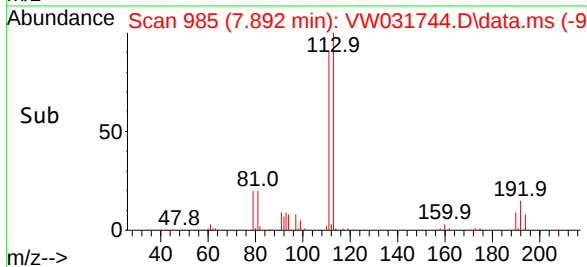
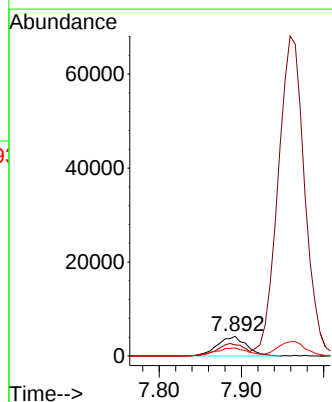
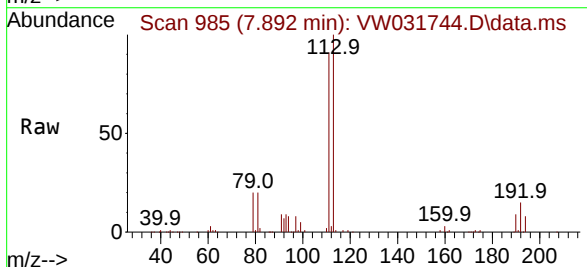
Instrument :
MSVOA_W
ClientSampleId :
MDL2

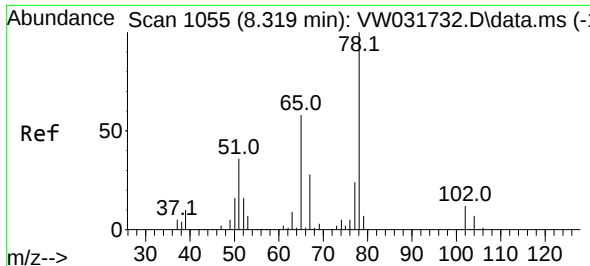
Tgt Ion: 56 Resp: 15096
Ion Ratio Lower Upper
56 100
69 92.2 27.2 40.8#
84 99.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 2.403 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 97 Resp: 10223
Ion Ratio Lower Upper
97 100
99 58.7 51.0 76.6
61 45.1 36.0 54.0

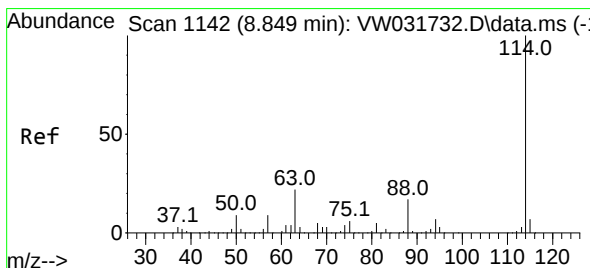
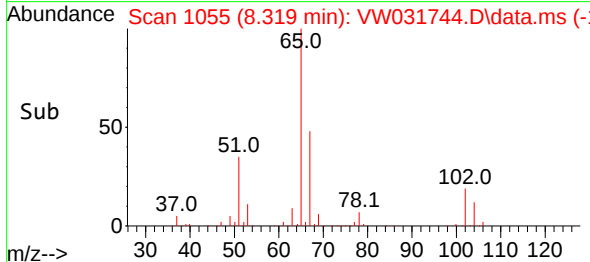
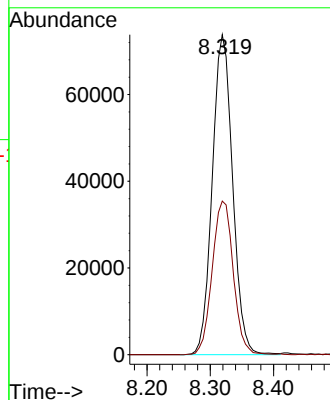
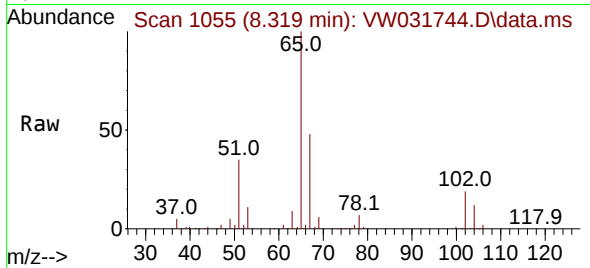




#33
1,2-Dichloroethane-d4
Concen: 51.040 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

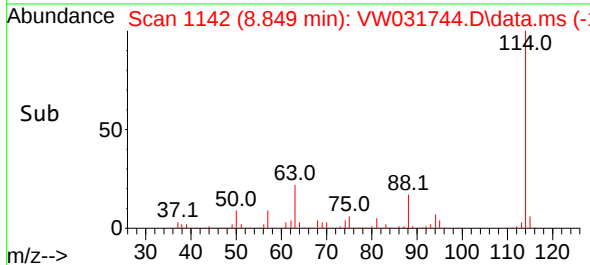
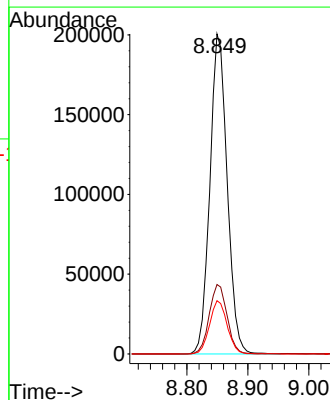
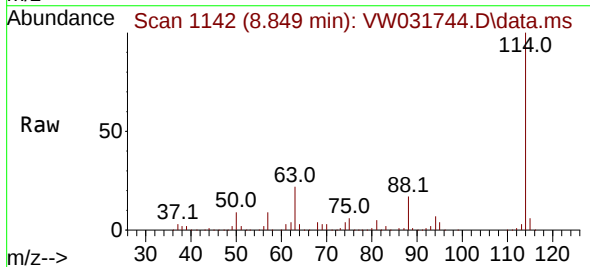
Instrument :
MSVOA_W
ClientSampleId :
MDL2

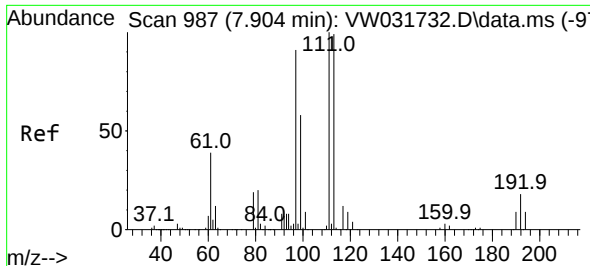
Tgt Ion: 65 Resp: 164622
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 114 Resp: 395960
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.6
88 16.6 0.0 34.2

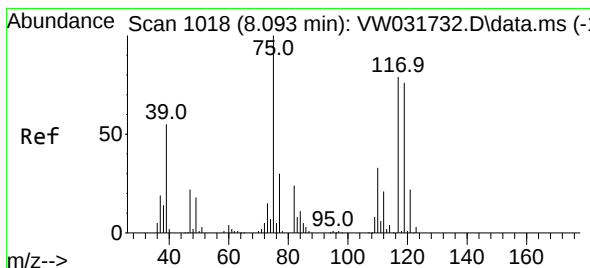
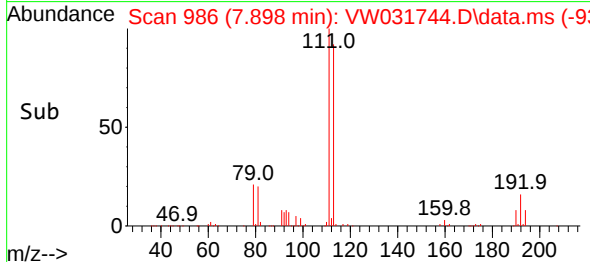
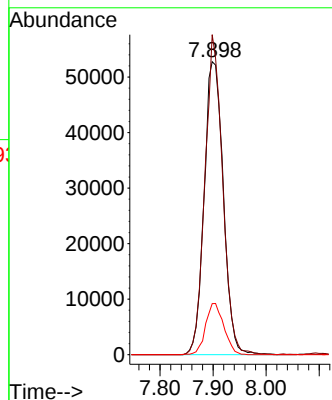
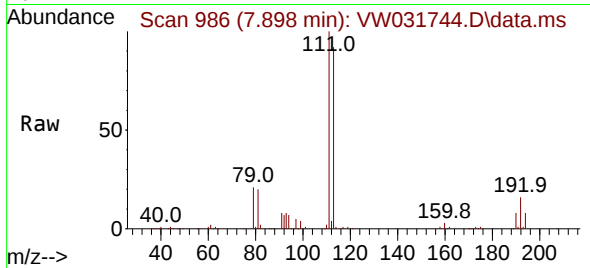




#35
 Dibromofluoromethane
 Concen: 51.344 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031744.D
 Acq: 01 Jul 2025 12:50

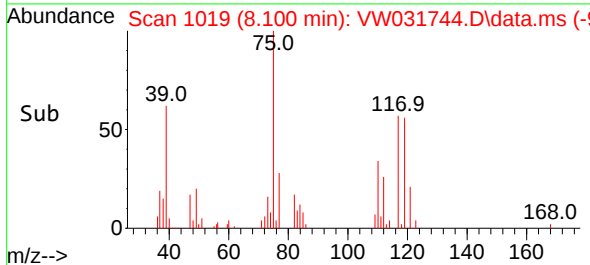
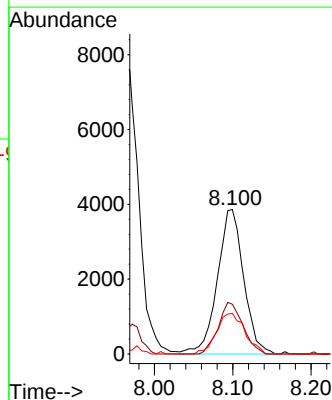
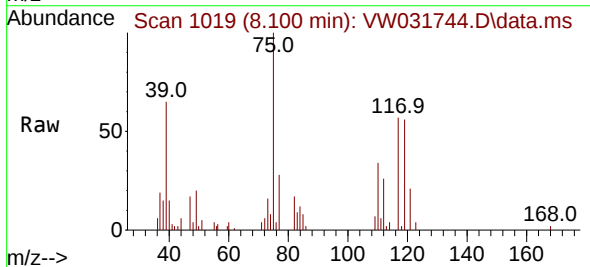
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL2

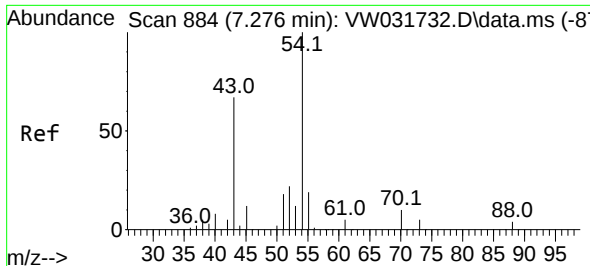
Tgt Ion:113 Resp: 132663
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.1 123.1
 192 16.6 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 2.408 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031744.D
 Acq: 01 Jul 2025 12:50

Tgt Ion: 75 Resp: 9005
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.8 50.4
 77 30.2 25.0 37.6

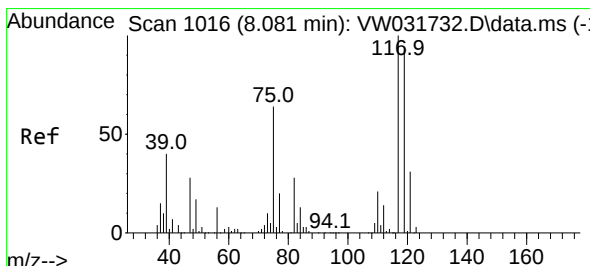
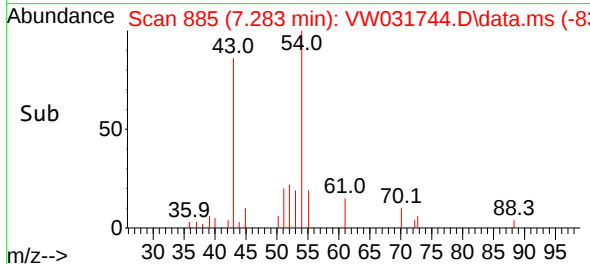
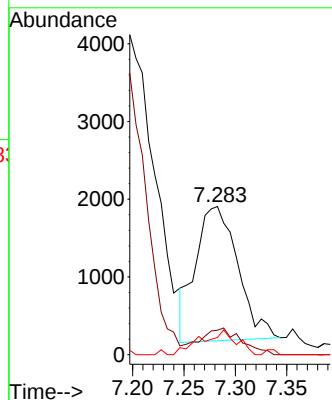
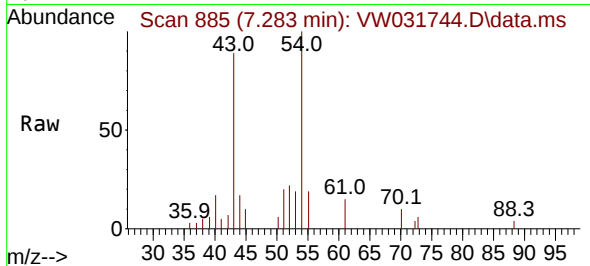




#37
Ethyl Acetate
Concen: 2.100 ug/l
RT: 7.283 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

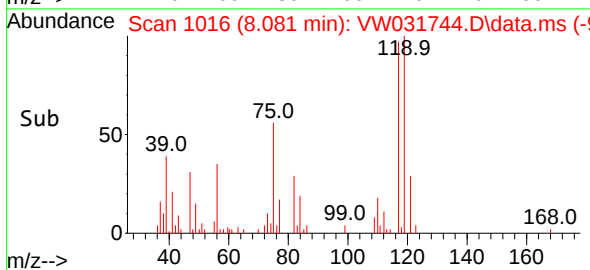
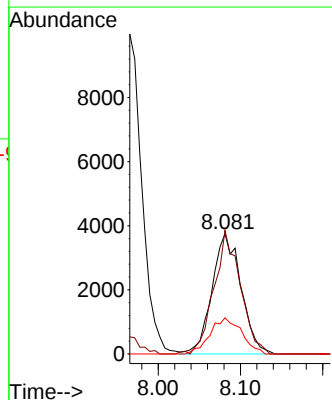
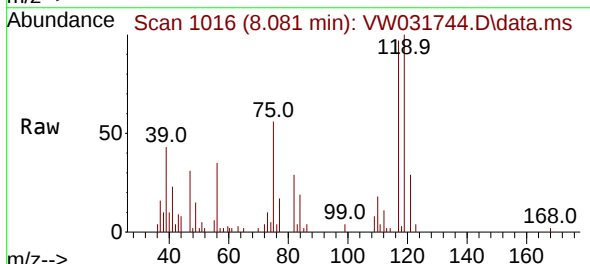
Instrument :
MSVOA_W
ClientSampleId :
MDL2

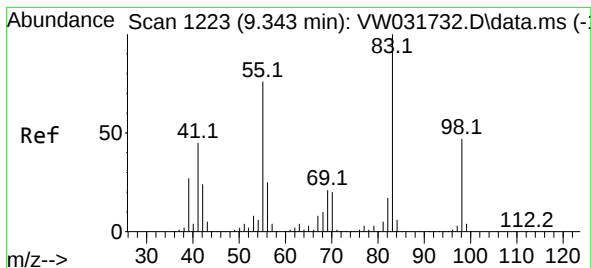
Tgt Ion: 43 Resp: 4952
Ion Ratio Lower Upper
43 100
61 18.4 10.9 16.3#
70 9.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 2.413 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 117 Resp: 9195
Ion Ratio Lower Upper
117 100
119 102.6 75.0 112.6
121 30.0 24.6 37.0





#39

Methylcyclohexane

Concen: 2.378 ug/l

RT: 9.337 min Scan# 11062

Delta R.T. -0.006 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

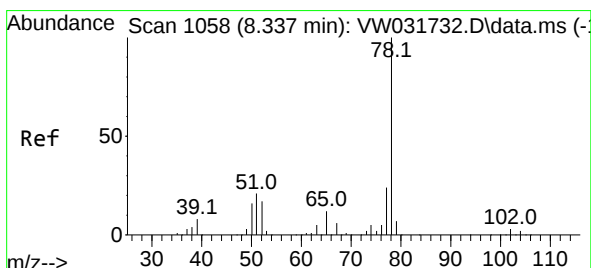
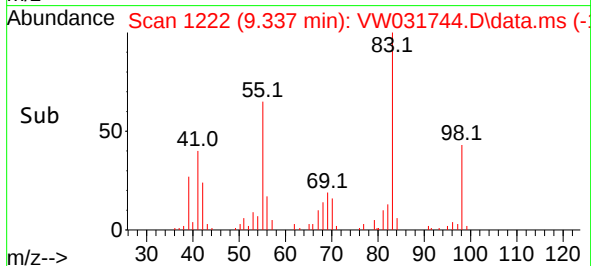
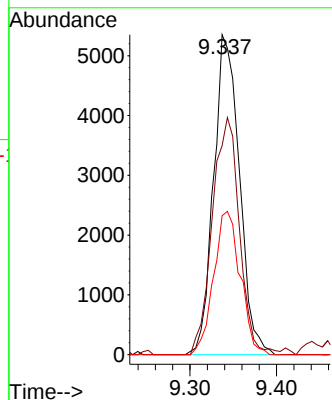
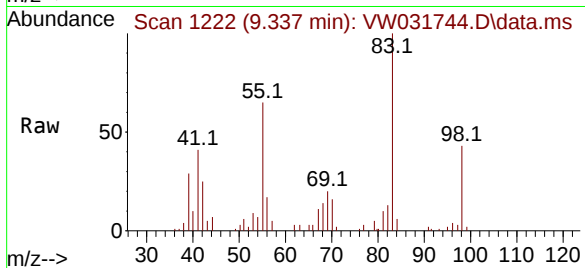
Tgt Ion: 83 Resp: 11062

Ion Ratio Lower Upper

83 100

55 65.3 61.0 91.4

98 43.4 37.9 56.9



#40

Benzene

Concen: 2.429 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031744.D

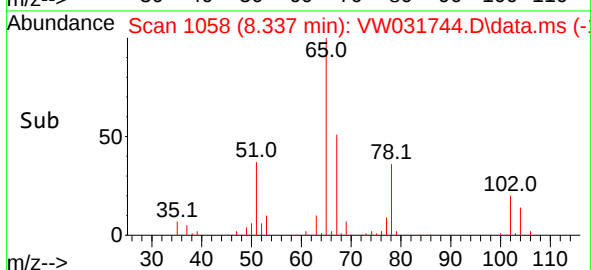
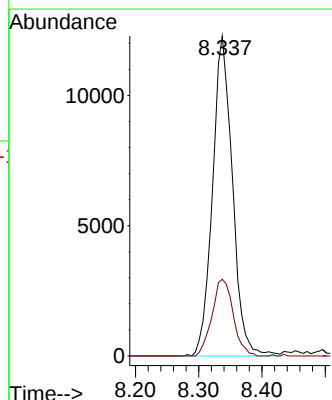
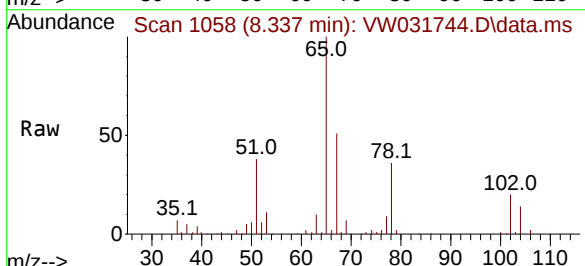
Acq: 01 Jul 2025 12:50

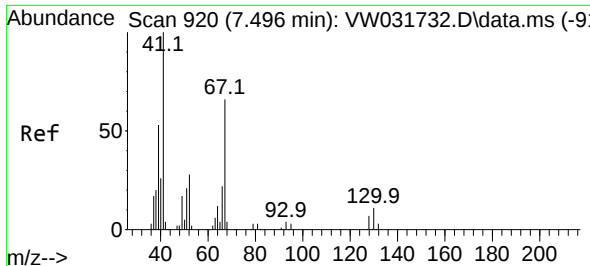
Tgt Ion: 78 Resp: 26866

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8

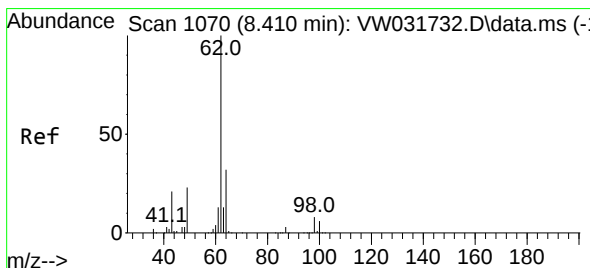
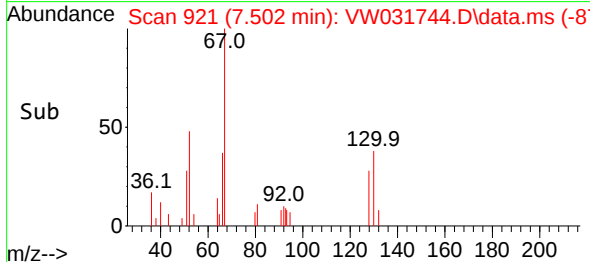
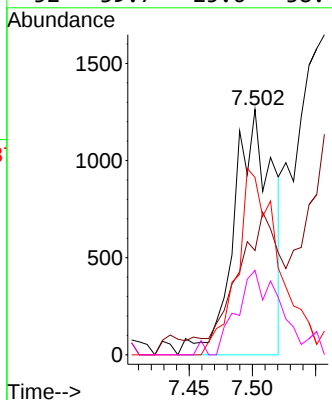
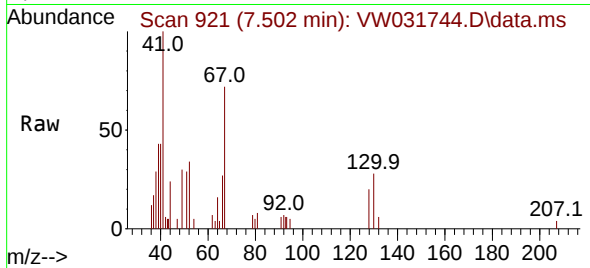




#41
Methacrylonitrile
Concen: 2.133 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

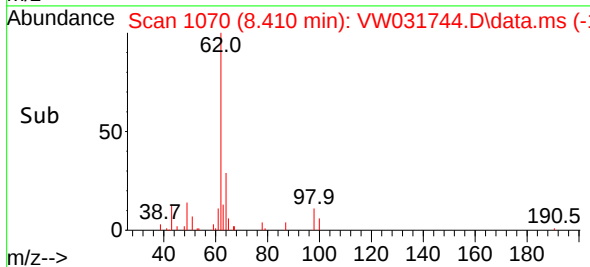
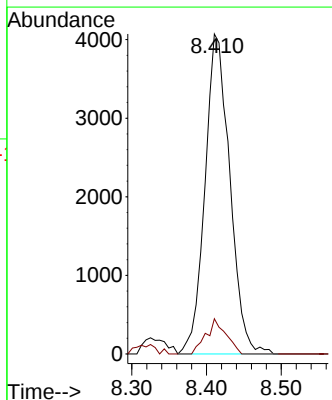
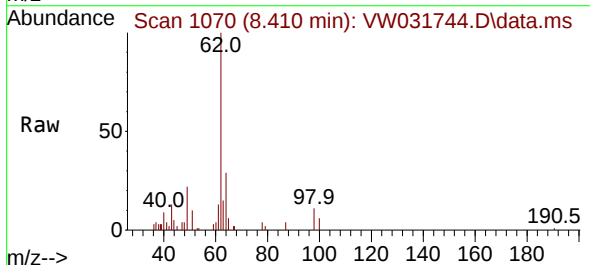
Instrument :
MSVOA_W
ClientSampleId :
MDL2

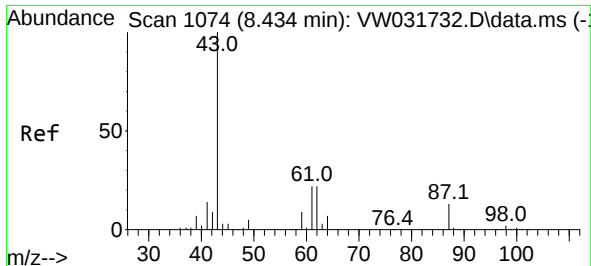
Tgt Ion:	41	Resp:	2695
Ion	Ratio	Lower	Upper
41	100		
39	64.3	43.2	64.8
67	84.2	58.1	87.1
52	39.7	25.6	38.4



#42
1,2-Dichloroethane
Concen: 2.525 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion:	62	Resp:	9436
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2

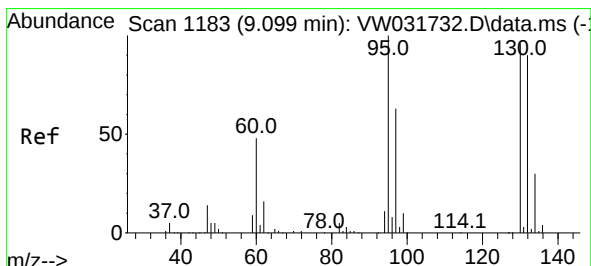
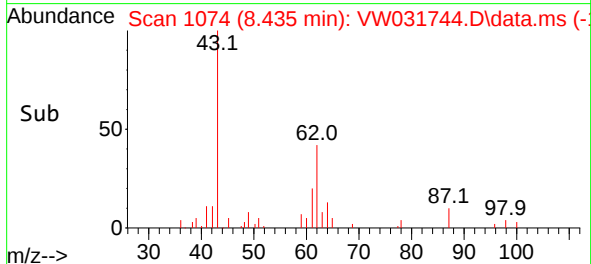
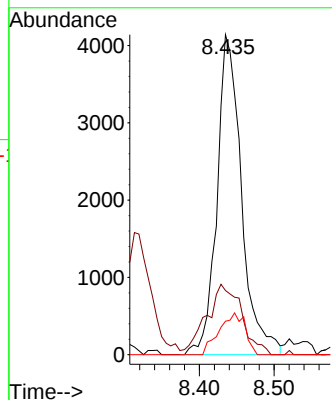
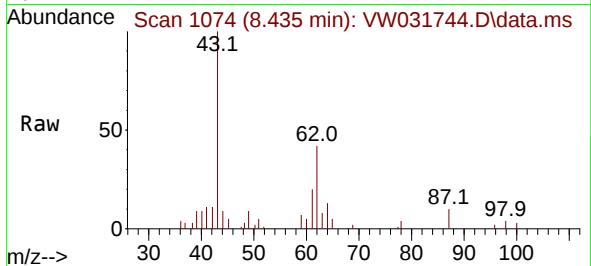




#43
Isopropyl Acetate
Concen: 2.330 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

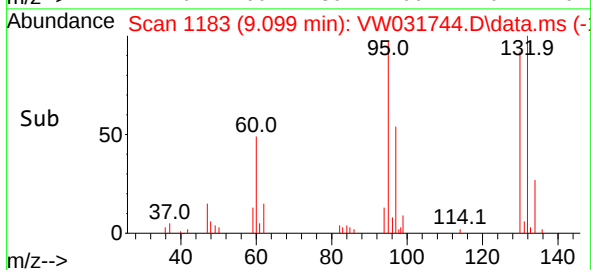
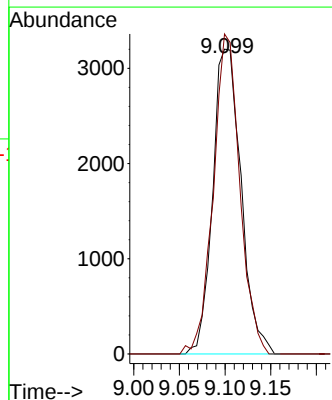
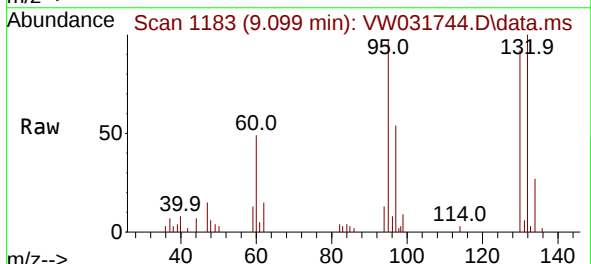
Instrument :
MSVOA_W
ClientSampleId :
MDL2

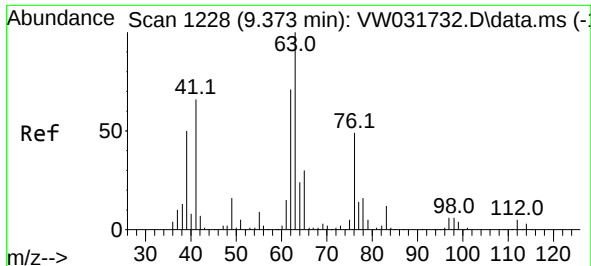
Tgt Ion: 43 Resp: 9472
Ion Ratio Lower Upper
43 100
61 31.5 23.1 34.7
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 2.499 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion:130 Resp: 6899
Ion Ratio Lower Upper
130 100
95 105.0 0.0 208.6

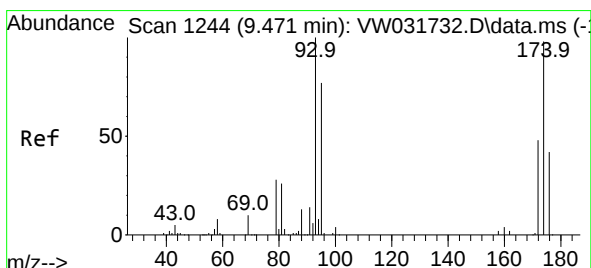
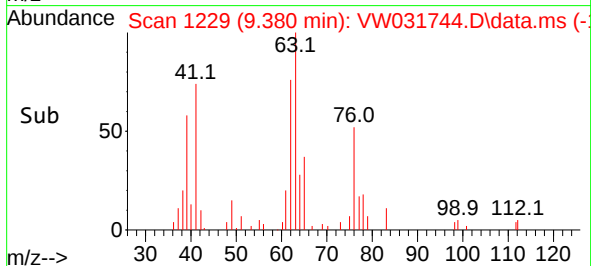
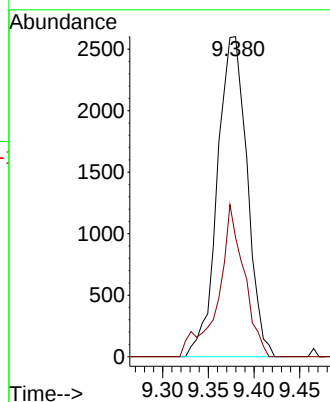
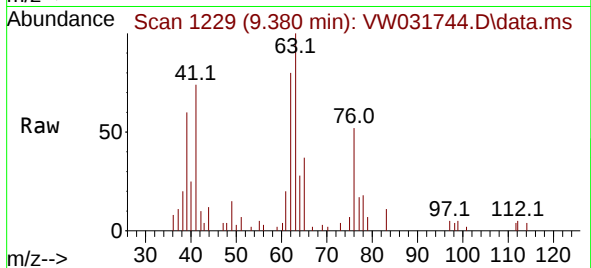




#45
1,2-Dichloropropane
Concen: 2.203 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

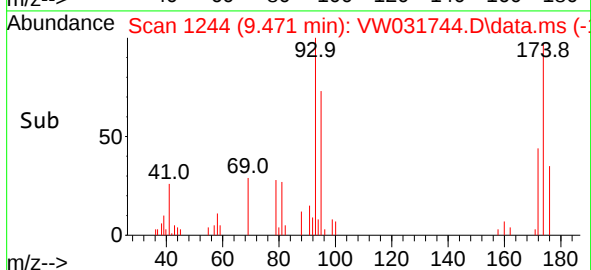
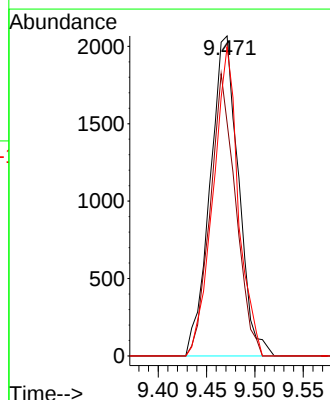
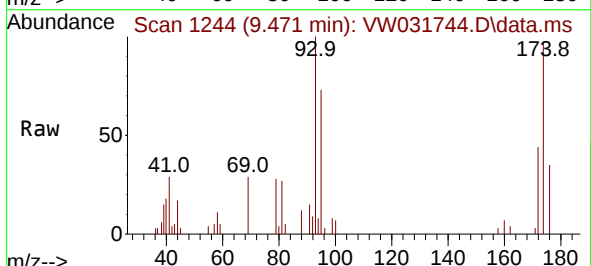
Instrument :
MSVOA_W
ClientSampleId :
MDL2

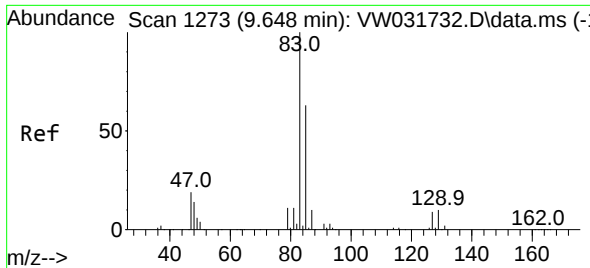
Tgt Ion: 63 Resp: 5891
Ion Ratio Lower Upper
63 100
65 37.2 24.2 36.4#



#46
Dibromomethane
Concen: 2.448 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 93 Resp: 4225
Ion Ratio Lower Upper
93 100
95 78.7 67.0 100.4
174 85.8 71.7 107.5

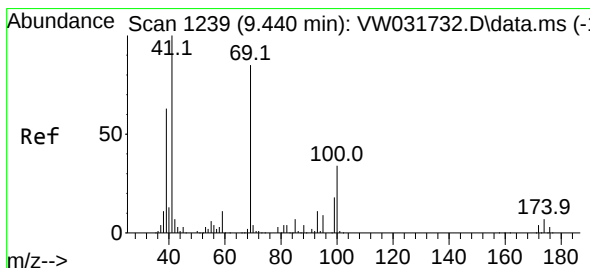
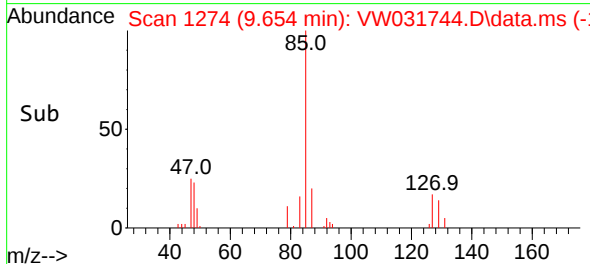
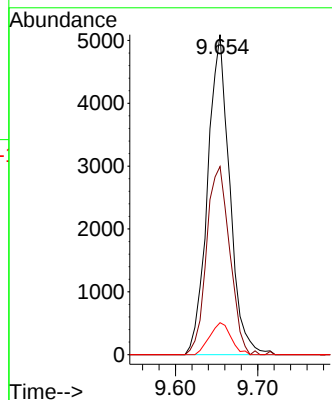
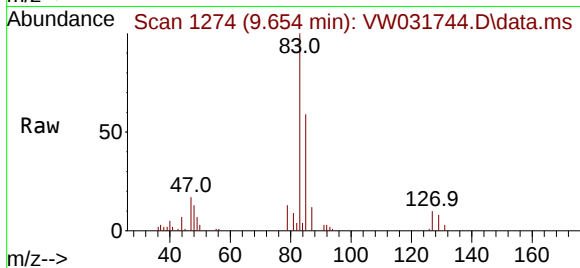




#47
Bromodichloromethane
Concen: 2.341 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

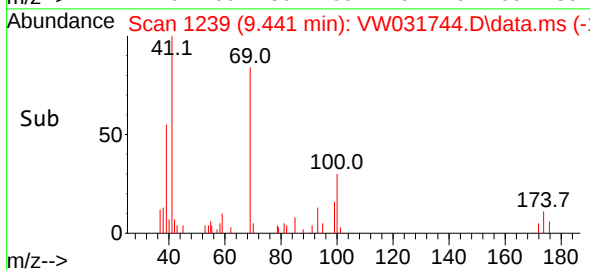
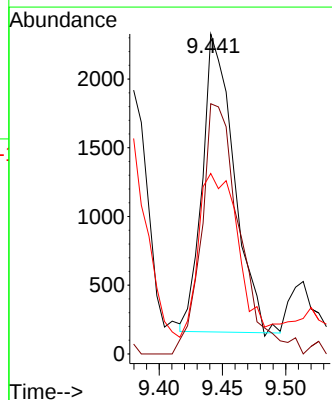
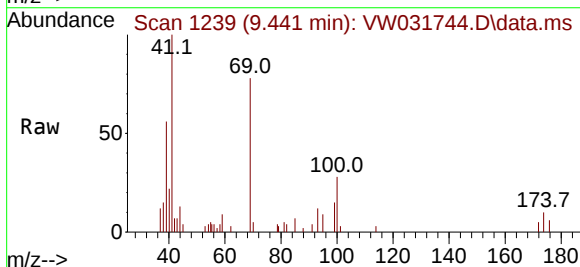
Instrument :
MSVOA_W
ClientSampleId :
MDL2

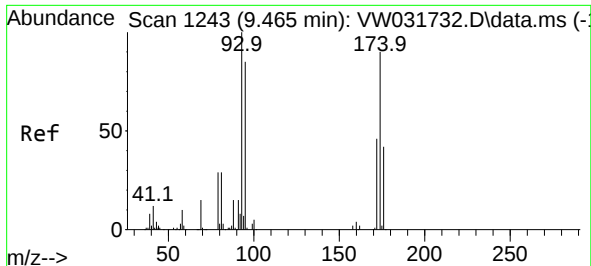
Tgt Ion: 83	Resp:	9475
Ion Ratio	Lower	Upper
83	100	
85	58.8	50.8 76.2
127	10.0	6.8 10.2



#48
Methyl methacrylate
Concen: 1.883 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 41	Resp:	3764
Ion Ratio	Lower	Upper
41	100	
69	101.5	71.6 107.4
39	70.2	49.5 74.3

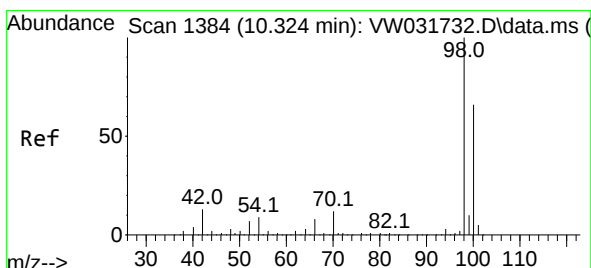
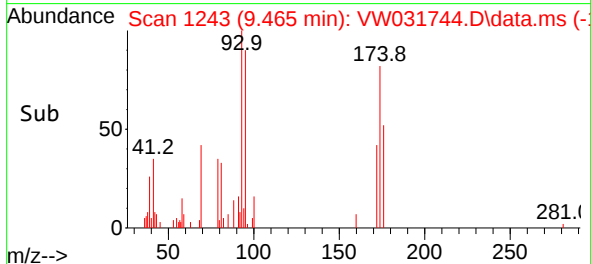
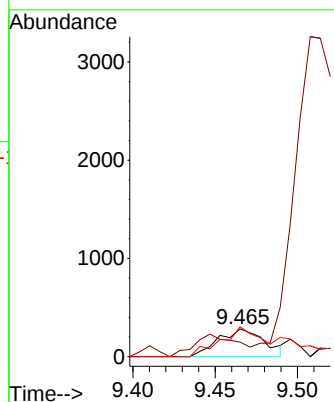
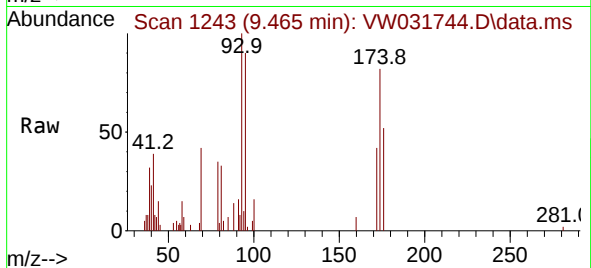




#49
1,4-Dioxane
Concen: 27.108 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

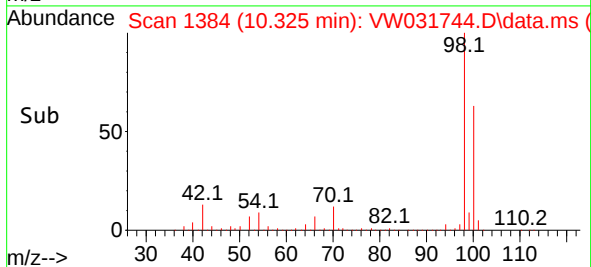
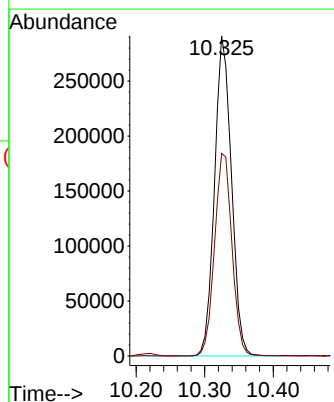
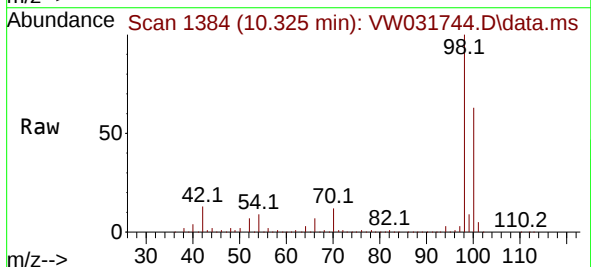
Instrument :
MSVOA_W
ClientSampleId :
MDL2

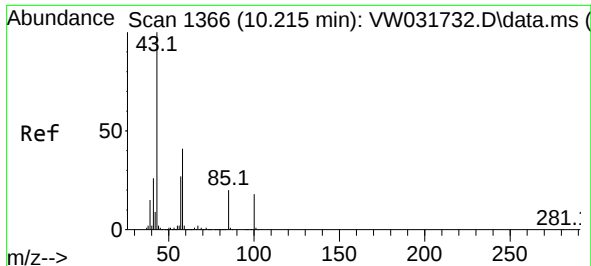
Tgt Ion: 88 Resp: 548
Ion Ratio Lower Upper
88 100
43 75.4 0.0 0.0#
58 92.5 58.3 87.5#



#50
Toluene-d8
Concen: 51.807 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 98 Resp: 498144
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

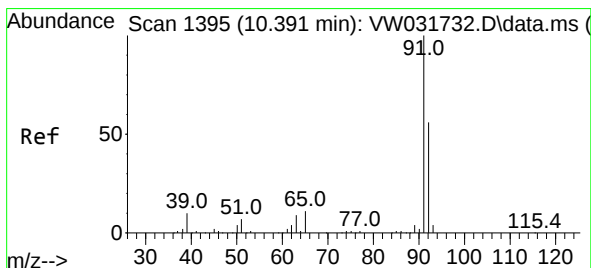
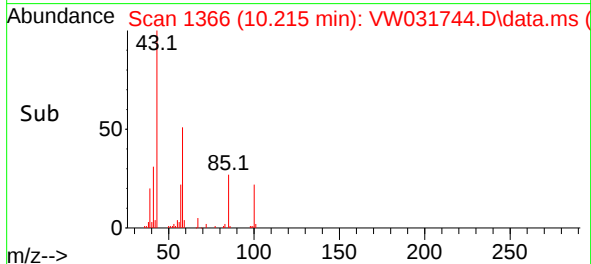
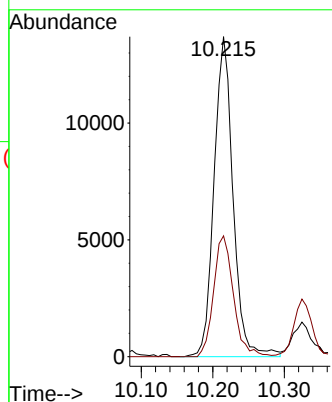
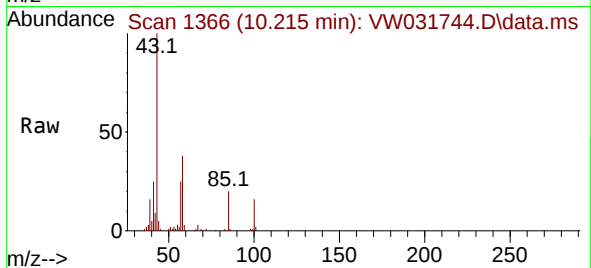




#51
4-Methyl-2-Pentanone
Concen: 10.796 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

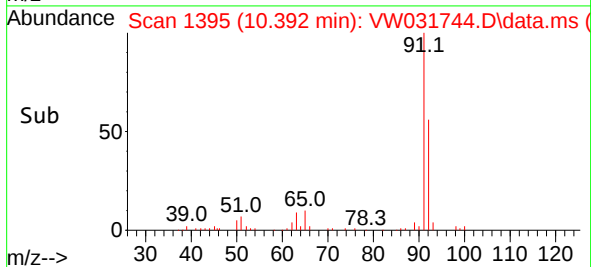
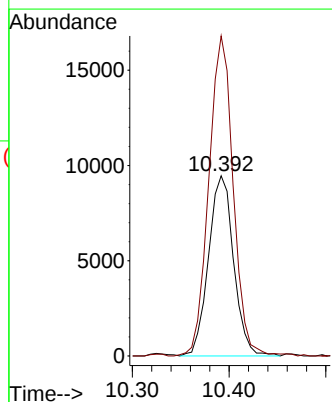
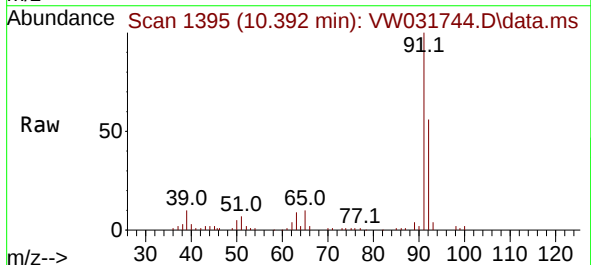
Instrument :
MSVOA_W
ClientSampleId :
MDL2

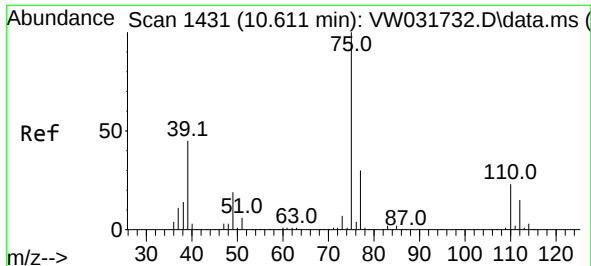
Tgt Ion: 43 Resp: 25234
Ion Ratio Lower Upper
43 100
58 39.5 32.2 48.2



#52
Toluene
Concen: 2.406 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 92 Resp: 17042
Ion Ratio Lower Upper
92 100
91 172.9 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 2.141 ug/l

RT: 10.611 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

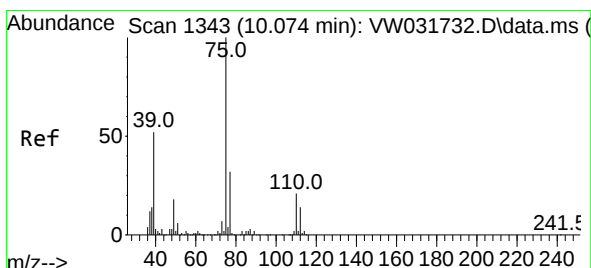
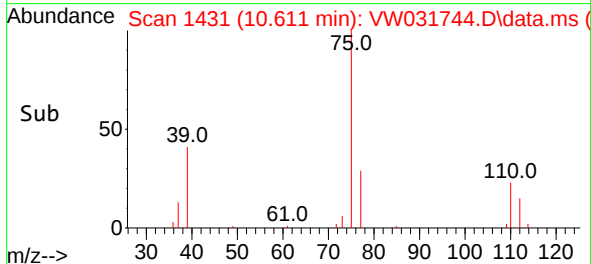
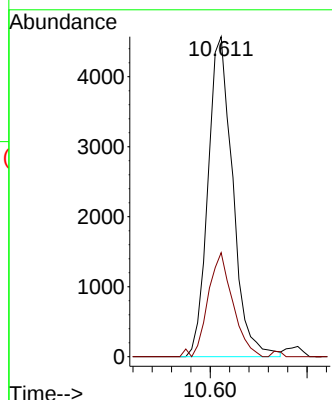
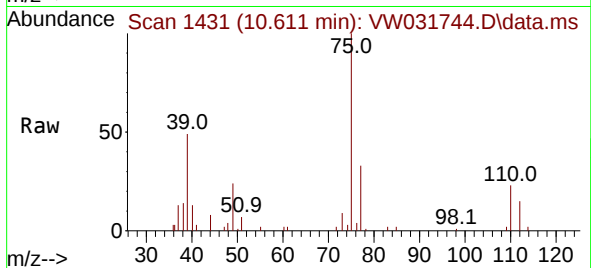
MDL2

Tgt Ion: 75 Resp: 8129

Ion Ratio Lower Upper

75 100

77 32.5 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 2.232 ug/l

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

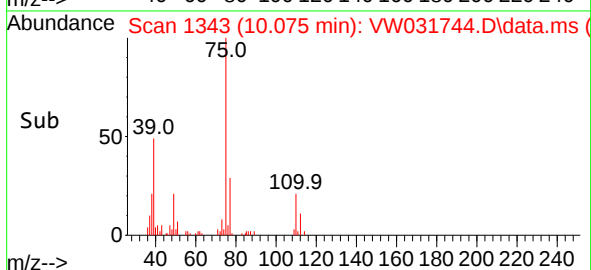
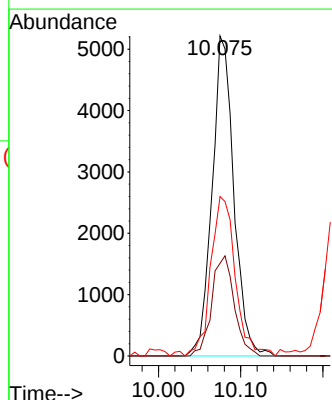
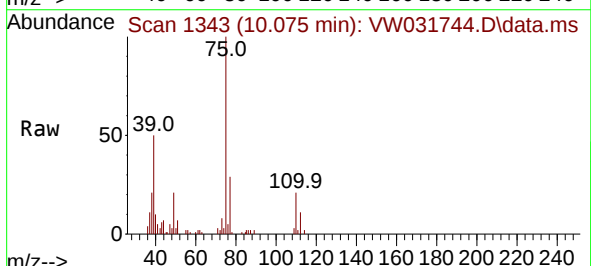
Tgt Ion: 75 Resp: 9609

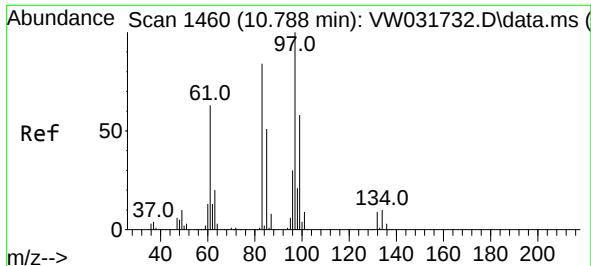
Ion Ratio Lower Upper

75 100

77 28.9 25.4 38.2

39 48.4 41.8 62.6

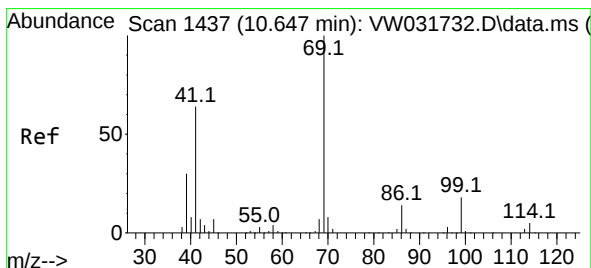
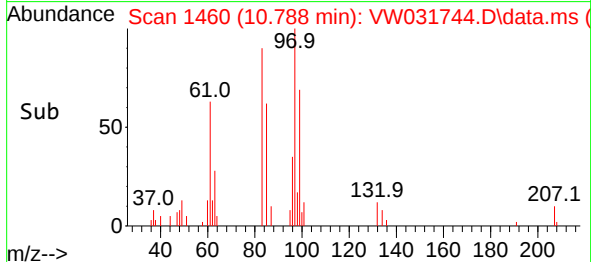
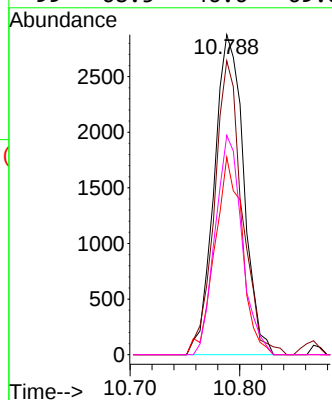
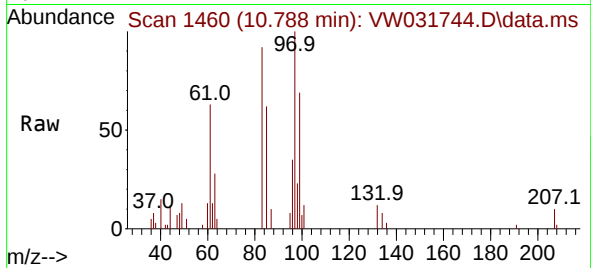




#55
1,1,2-Trichloroethane
Concen: 2.384 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

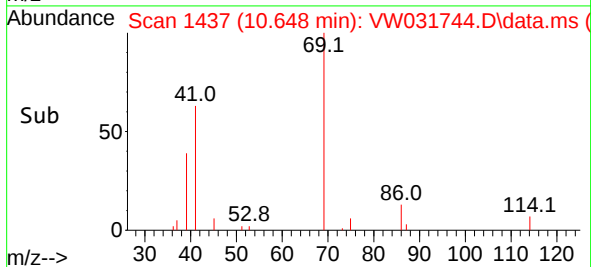
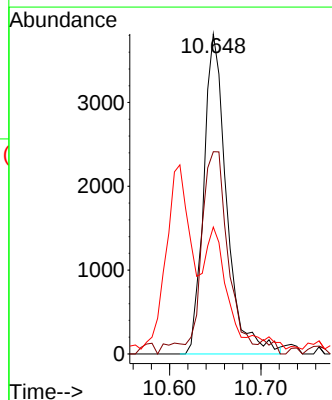
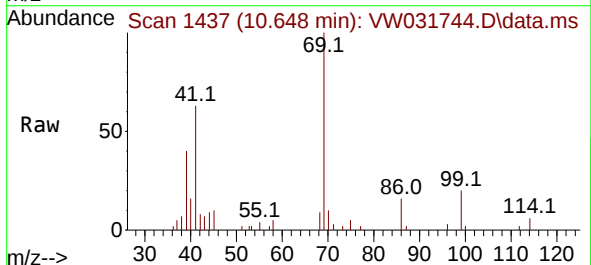
Instrument :
MSVOA_W
ClientSampleId :
MDL2

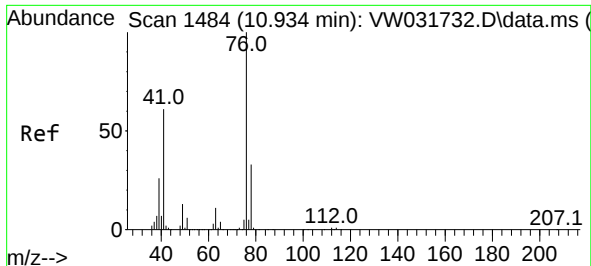
Tgt Ion:	97	Resp:	5391
Ion	Ratio	Lower	Upper
97	100		
83	91.8	66.9	100.3
85	61.7	41.1	61.7#
99	68.5	46.6	69.8



#56
Ethyl methacrylate
Concen: 2.166 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion:	69	Resp:	6645
Ion	Ratio	Lower	Upper
69	100		
41	75.3	53.3	79.9
39	26.7	30.2	45.2#





#57

1,3-Dichloropropane

Concen: 2.272 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

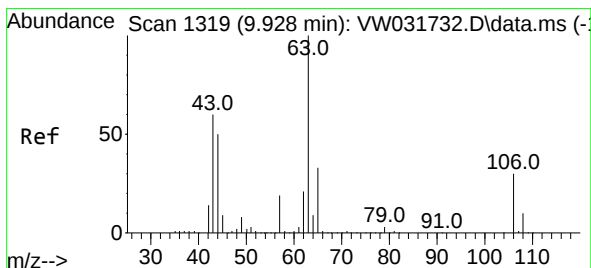
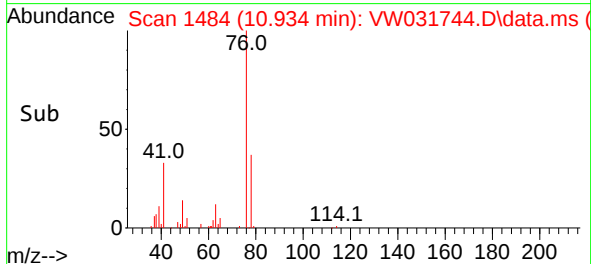
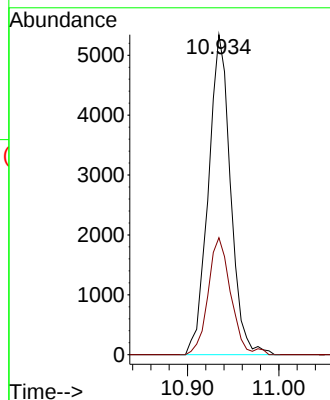
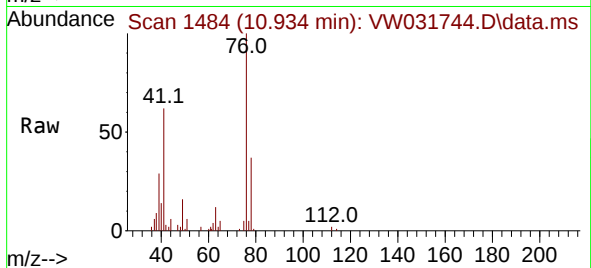
MDL2

Tgt Ion: 76 Resp: 9019

Ion Ratio Lower Upper

76 100

78 37.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 10.935 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031744.D

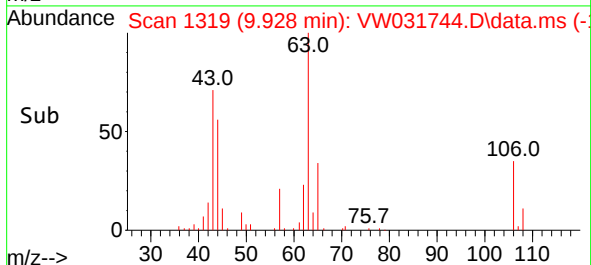
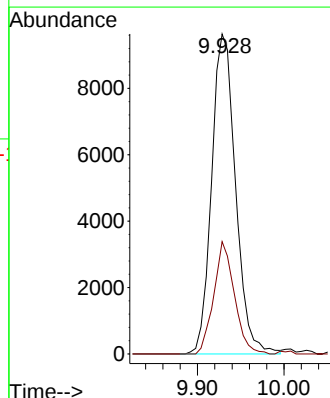
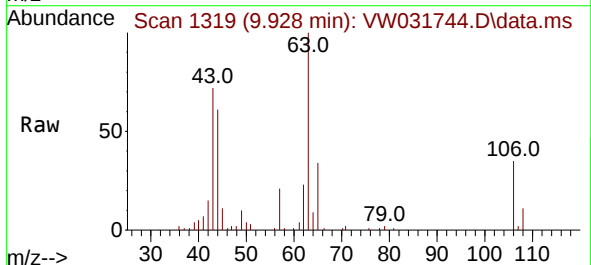
Acq: 01 Jul 2025 12:50

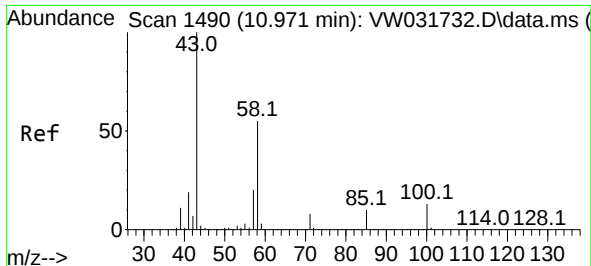
Tgt Ion: 63 Resp: 18469

Ion Ratio Lower Upper

63 100

106 30.3 24.1 36.1





#59

2-Hexanone

Concen: 10.358 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

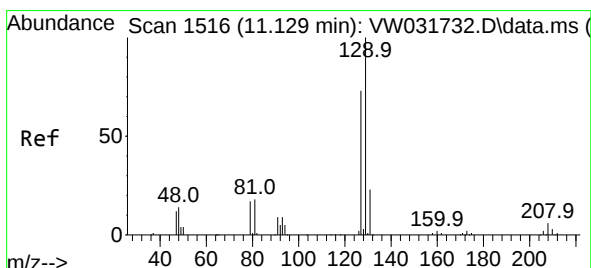
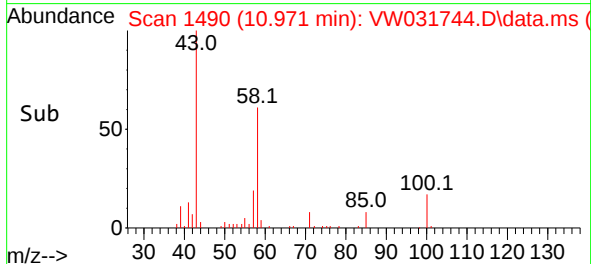
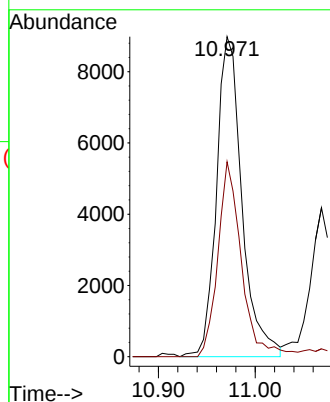
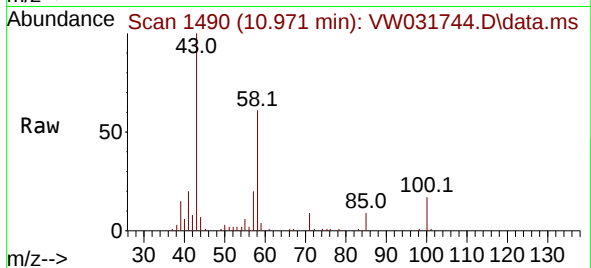
MDL2

Tgt Ion: 43 Resp: 16406

Ion Ratio Lower Upper

43 100

58 56.4 27.9 83.6



#60

Dibromochloromethane

Concen: 2.181 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW031744.D

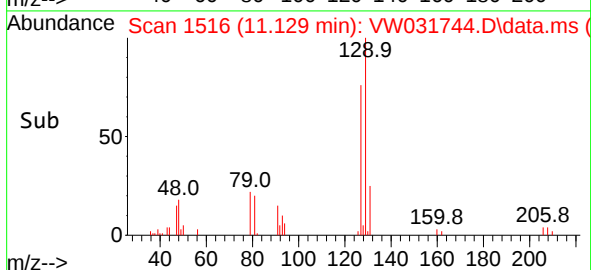
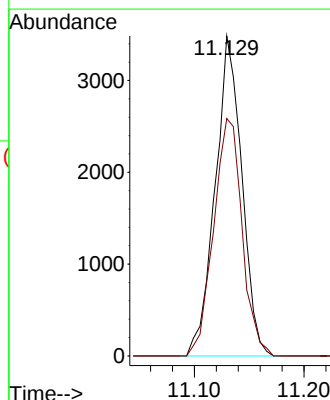
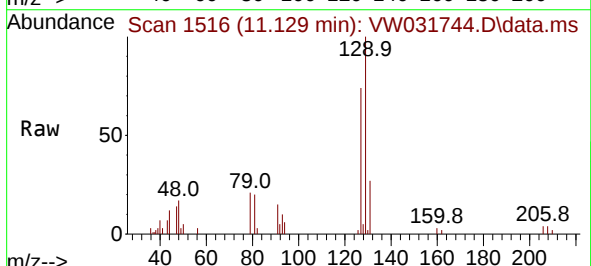
Acq: 01 Jul 2025 12:50

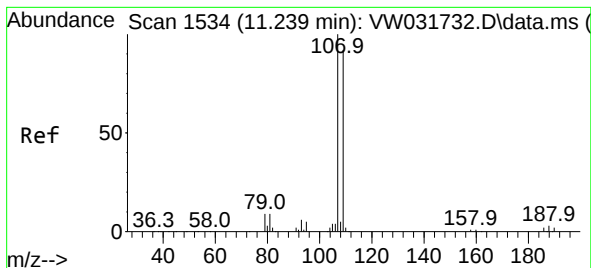
Tgt Ion: 129 Resp: 5898

Ion Ratio Lower Upper

129 100

127 79.1 38.0 114.1

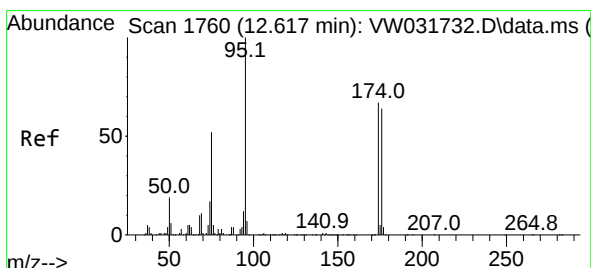
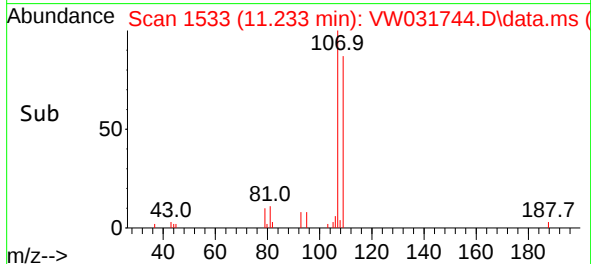
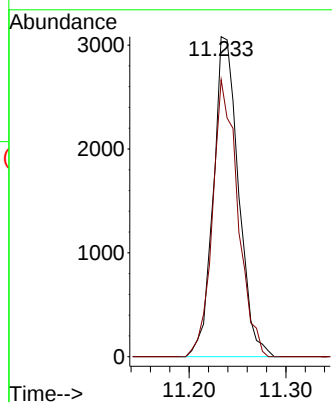
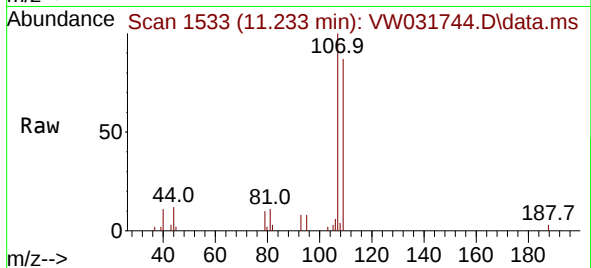




#61
1,2-Dibromoethane
Concen: 2.461 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

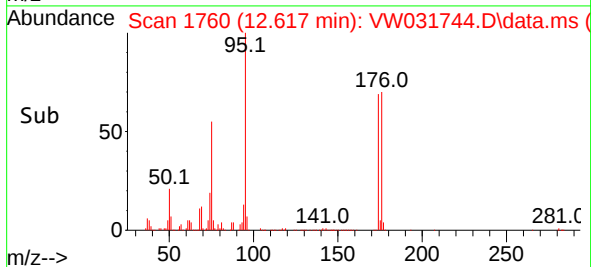
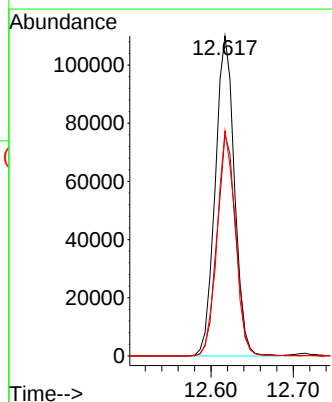
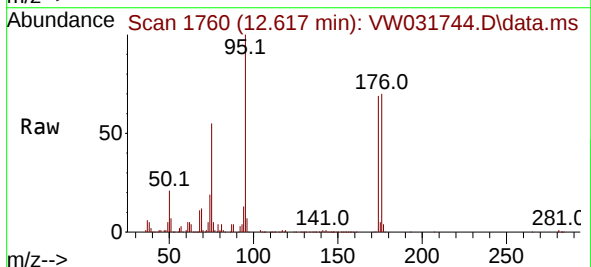
Instrument :
MSVOA_W
ClientSampleId :
MDL2

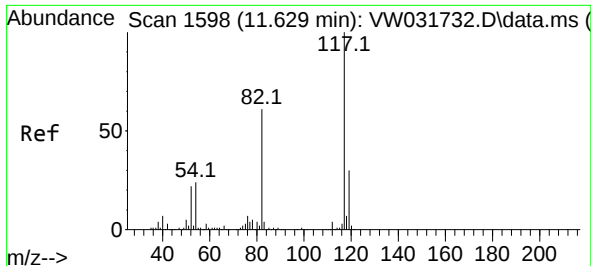
Tgt Ion:107 Resp: 5570
Ion Ratio Lower Upper
107 100
109 86.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.443 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 95 Resp: 178492
Ion Ratio Lower Upper
95 100
174 67.7 0.0 133.8
176 67.0 0.0 126.0

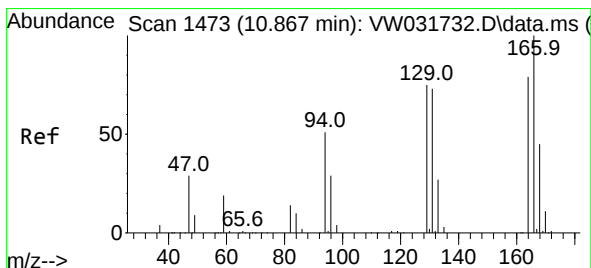
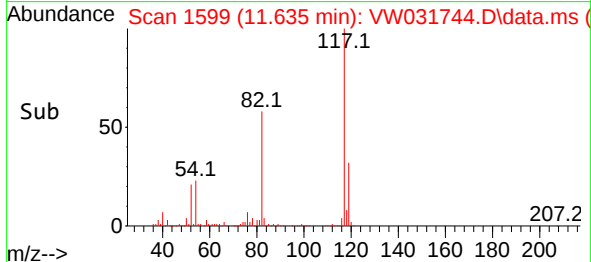
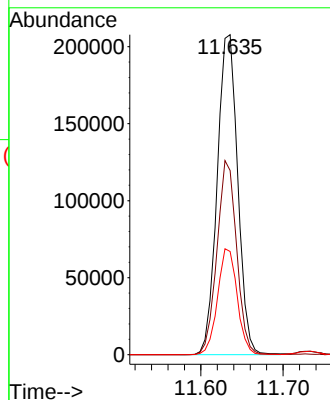
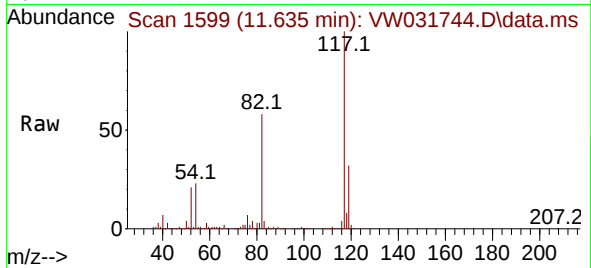




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

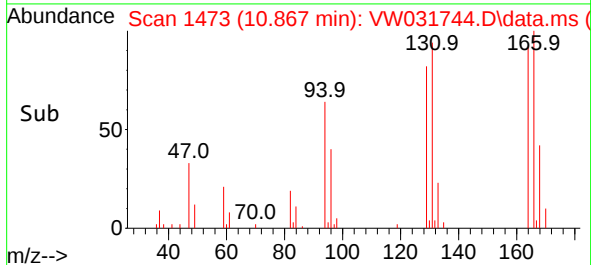
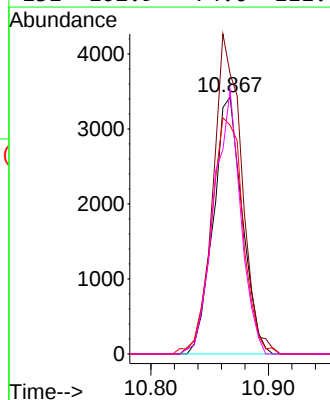
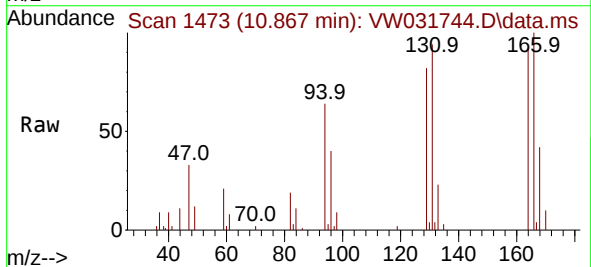
Instrument :
MSVOA_W
ClientSampleId :
MDL2

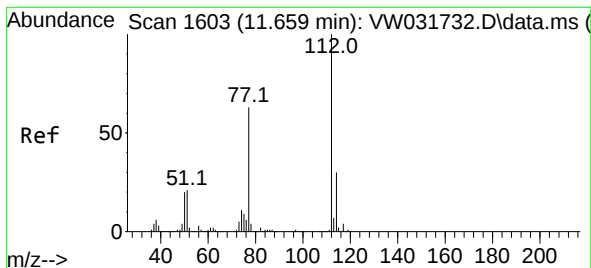
Tgt Ion:117 Resp: 360880
Ion Ratio Lower Upper
117 100
82 57.5 48.6 72.8
119 32.3 23.9 35.9



#64
Tetrachloroethene
Concen: 2.473 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion:164 Resp: 5838
Ion Ratio Lower Upper
164 100
166 109.0 100.7 151.1
129 89.1 75.4 113.0
131 102.9 74.0 111.0





#65

Chlorobenzene

Concen: 2.284 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

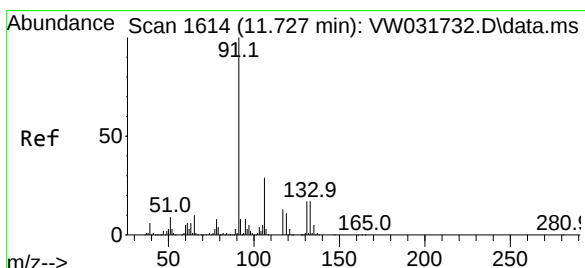
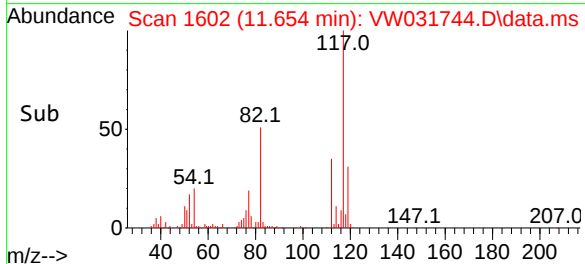
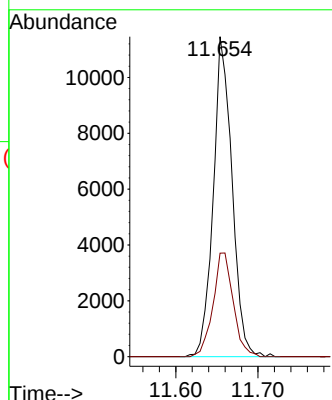
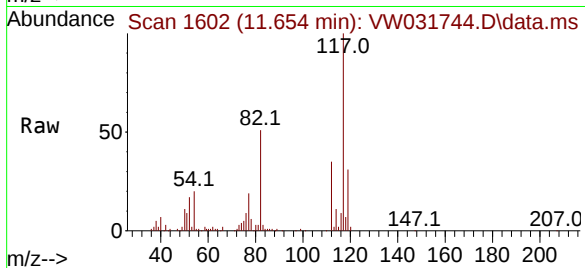
MDL2

Tgt Ion:112 Resp: 18183

Ion Ratio Lower Upper

112 100

114 32.4 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 2.241 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

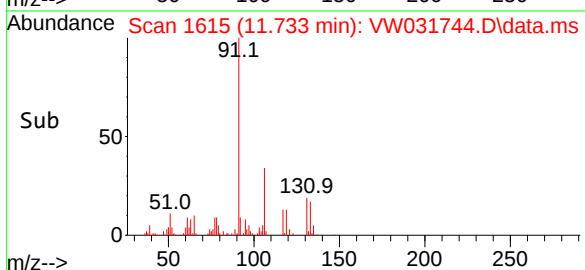
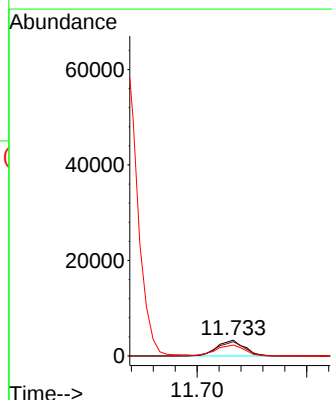
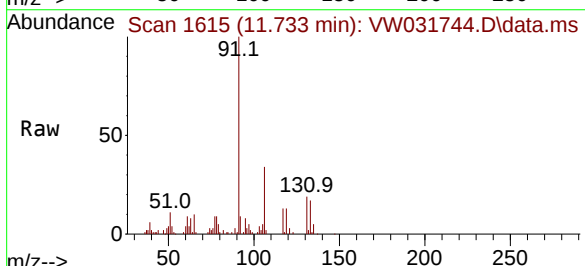
Tgt Ion:131 Resp: 5685

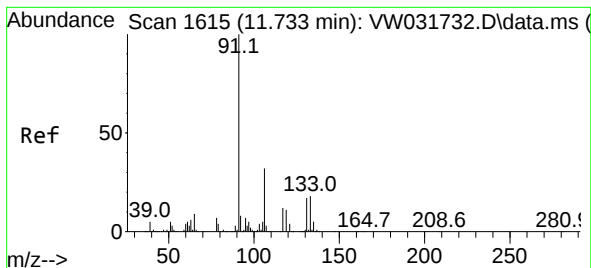
Ion Ratio Lower Upper

131 100

133 92.1 48.5 145.6

119 72.7 32.5 97.5





#67

Ethyl Benzene

Concen: 2.194 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

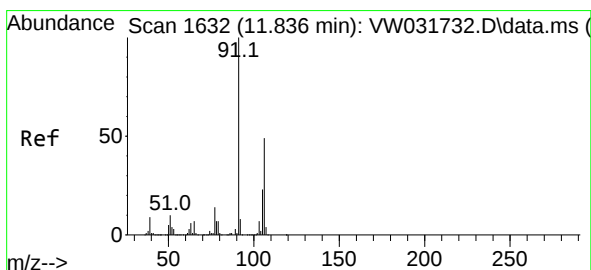
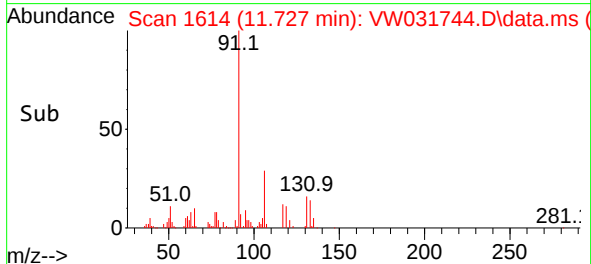
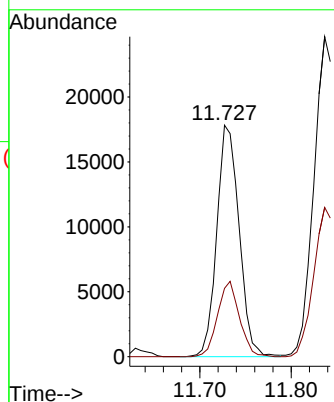
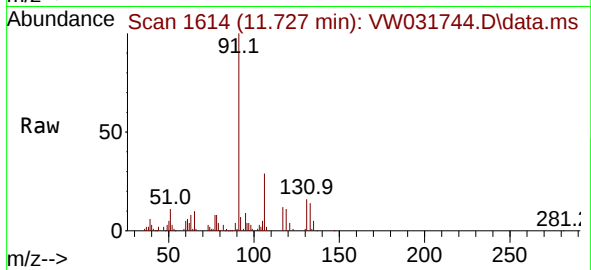
MDL2

Tgt Ion: 91 Resp: 30287

Ion Ratio Lower Upper

91 100

106 29.5 25.4 38.2



#68

m/p-Xylenes

Concen: 4.255 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031744.D

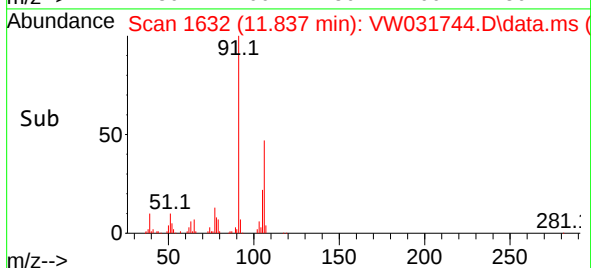
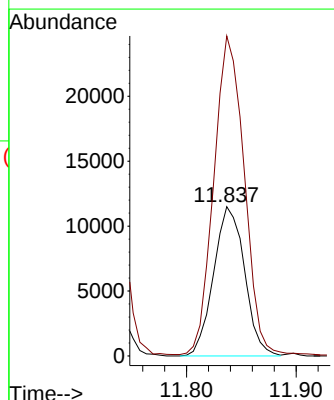
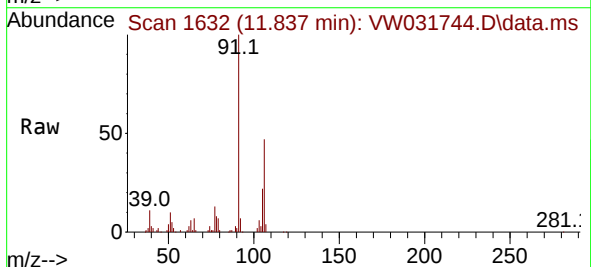
Acq: 01 Jul 2025 12:50

Tgt Ion:106 Resp: 22586

Ion Ratio Lower Upper

106 100

91 210.1 166.4 249.6

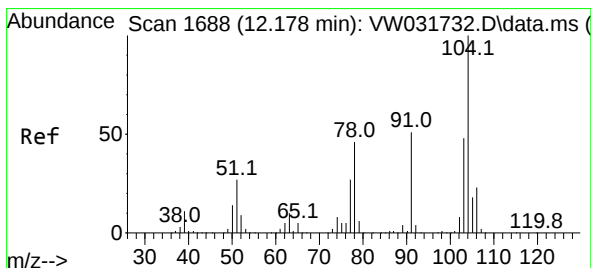
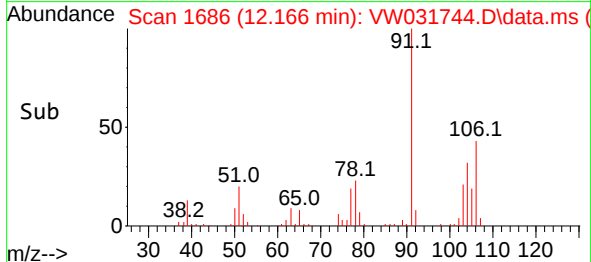
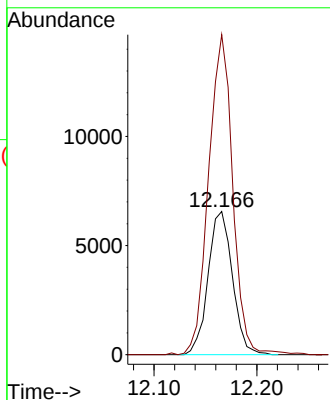
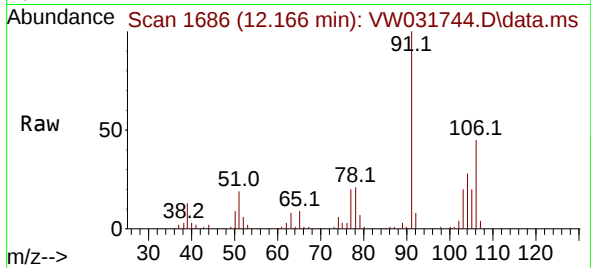




#69
o-Xylene
Concen: 2.196 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

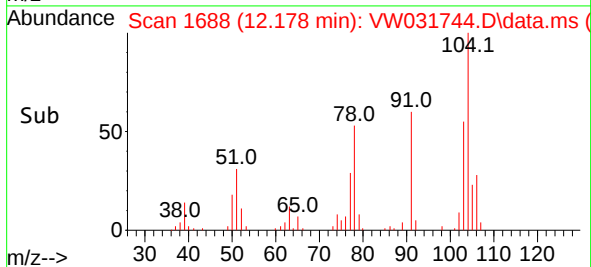
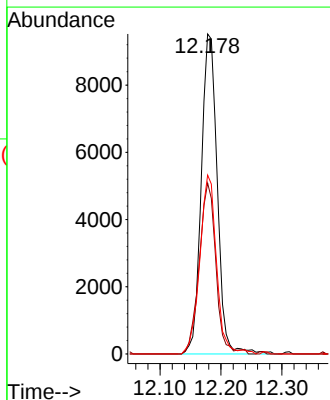
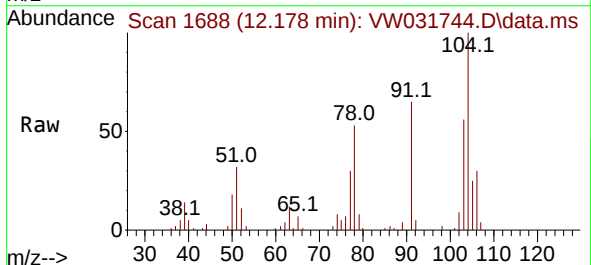
Instrument :
MSVOA_W
ClientSampleId :
MDL2

Tgt Ion:106 Resp: 10793
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4



#70
Styrene
Concen: 2.050 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion:104 Resp: 17413
Ion Ratio Lower Upper
104 100
78 55.4 42.1 63.1
103 58.3 43.0 64.6





#71

Bromoform

Concen: 2.152 ug/l

RT: 12.355 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

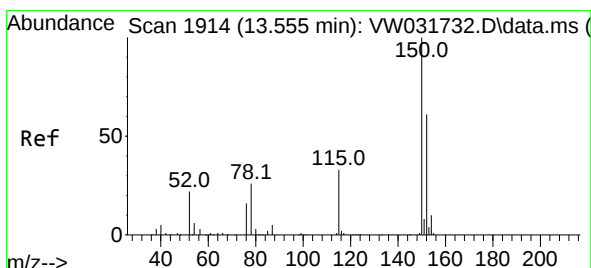
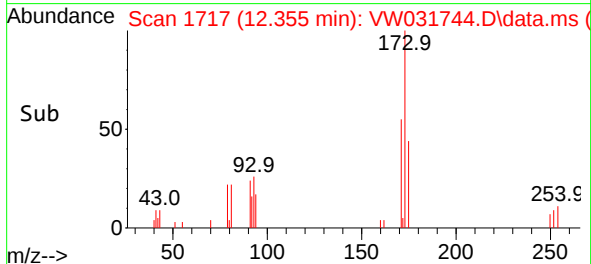
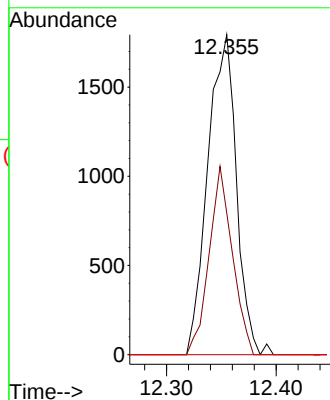
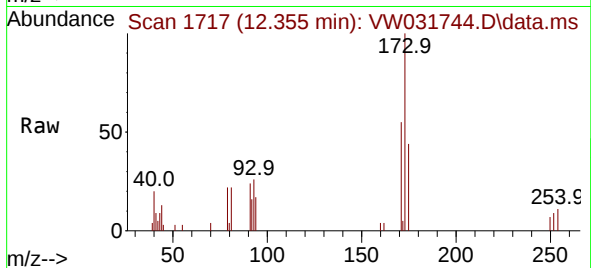
Tgt Ion:173 Resp: 3258

Ion Ratio Lower Upper

173 100

175 47.8 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: VW031744.D

Acq: 01 Jul 2025 12:50

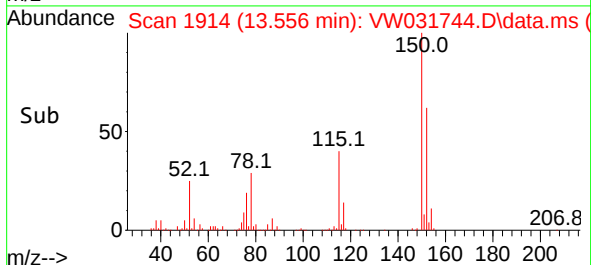
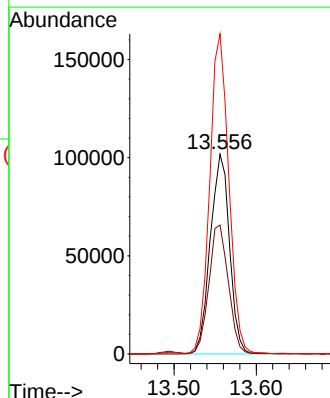
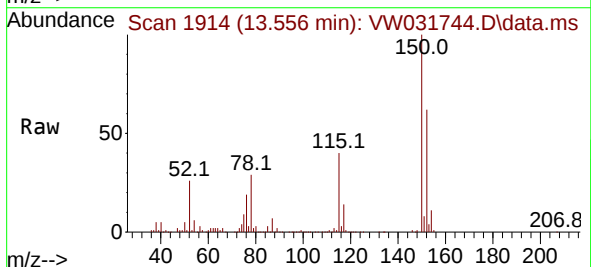
Tgt Ion:152 Resp: 164949

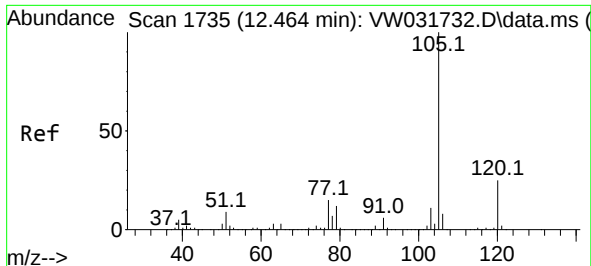
Ion Ratio Lower Upper

152 100

115 65.8 31.9 95.7

150 157.7 0.0 356.4

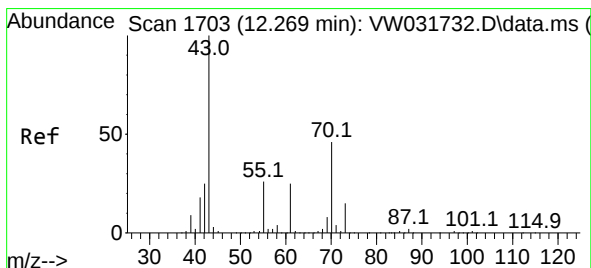
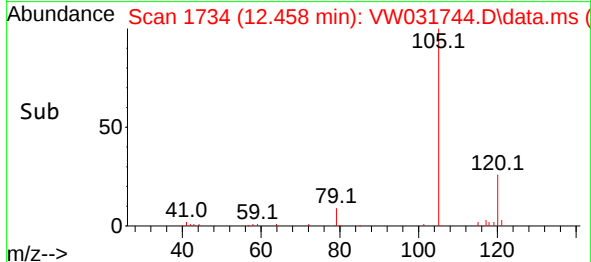
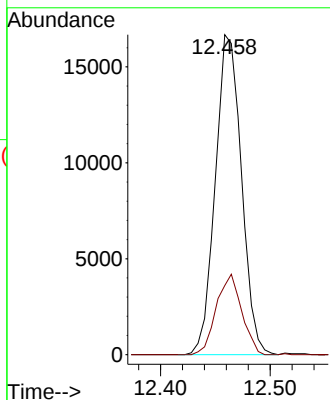
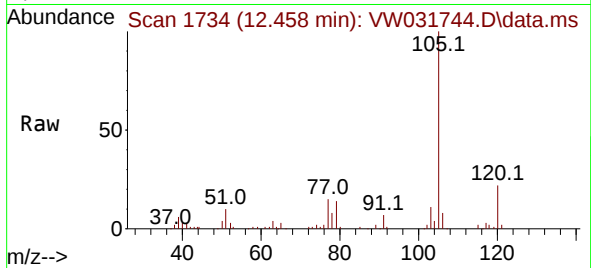




#73
Isopropylbenzene
Concen: 2.202 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

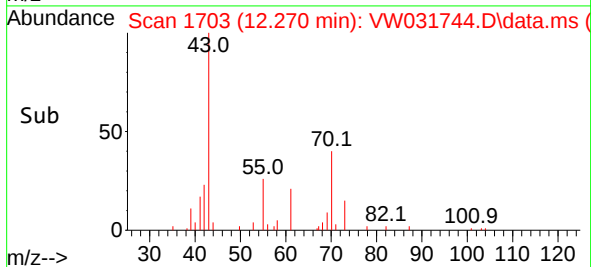
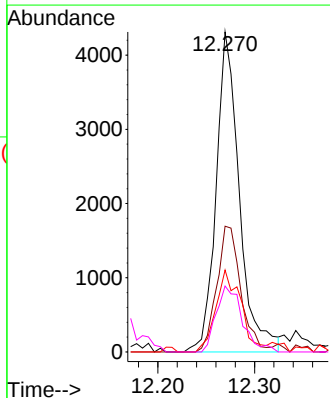
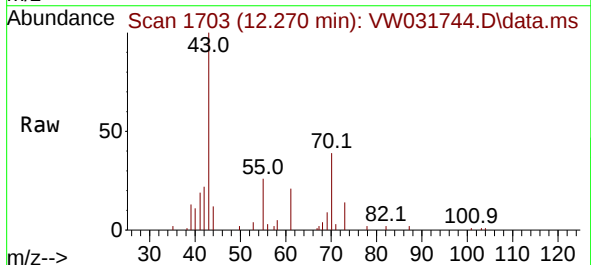
Instrument :
MSVOA_W
ClientSampleId :
MDL2

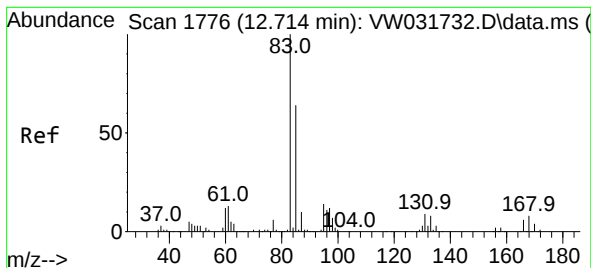
Tgt Ion:105 Resp: 27629
Ion Ratio Lower Upper
105 100
120 24.4 12.8 38.4



#74
N-ethyl acetate
Concen: 2.127 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 43 Resp: 7194
Ion Ratio Lower Upper
43 100
70 40.3 36.0 54.0
55 27.6 20.8 31.2
61 23.1 19.7 29.5





#75

1,1,2-Tetrachloroethane

Concen: 2.446 ug/l

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

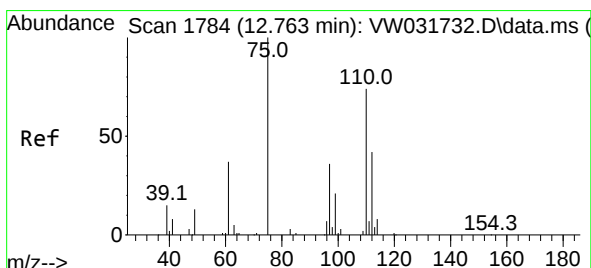
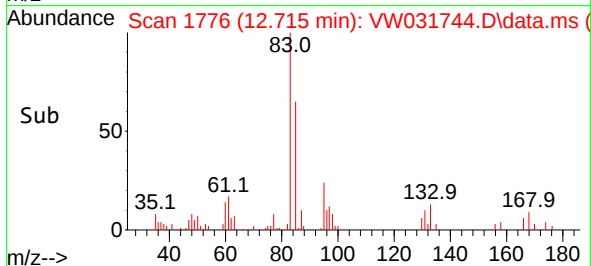
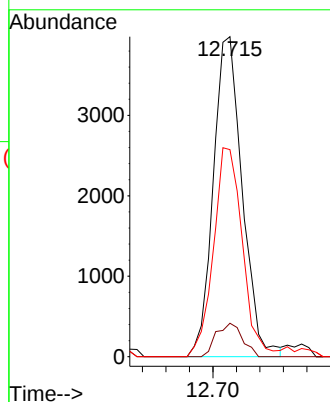
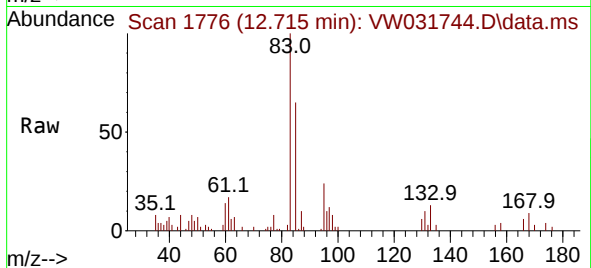
Tgt Ion: 83 Resp: 6813

Ion Ratio Lower Upper

83 100

131 9.5 5.3 16.1

85 64.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 4.042 ug/l

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW031744.D

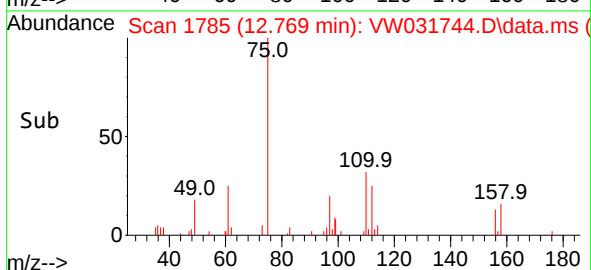
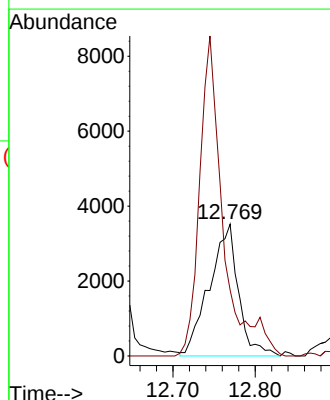
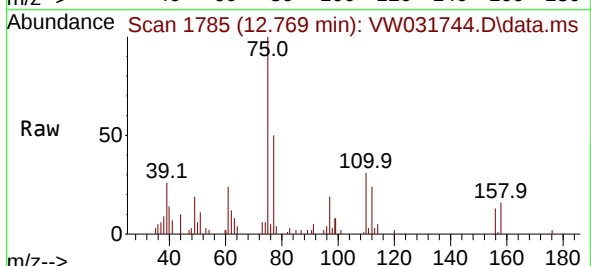
Acq: 01 Jul 2025 12:50

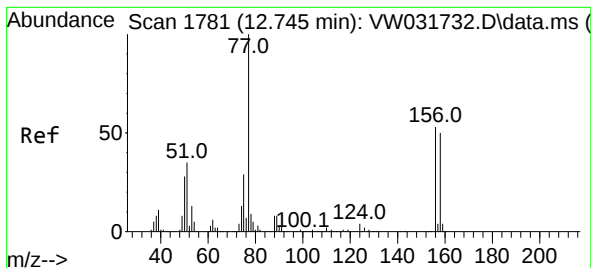
Tgt Ion: 75 Resp: 8615

Ion Ratio Lower Upper

75 100

77 0.0 141.2 423.6#





#77

Bromobenzene

Concen: 2.556 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

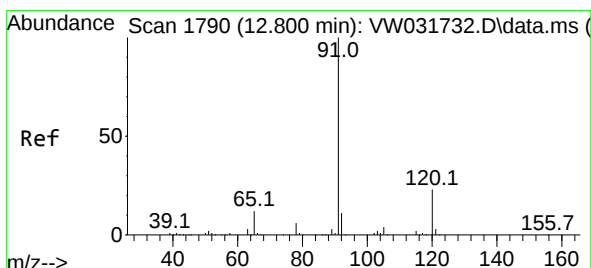
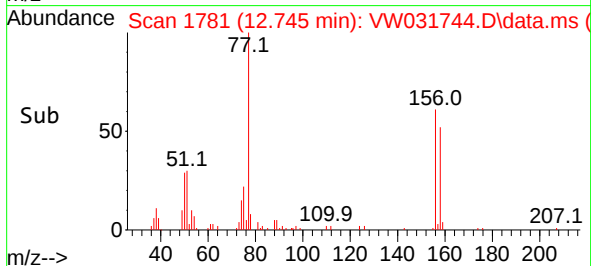
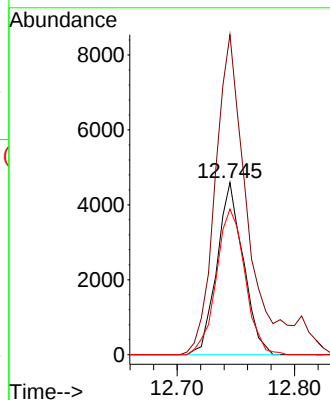
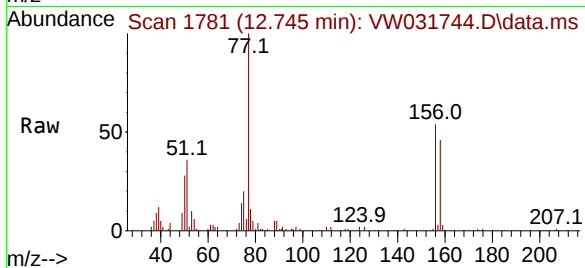
Tgt Ion:156 Resp: 7153

Ion Ratio Lower Upper

156 100

77 237.2 117.9 353.7

158 92.3 52.6 157.8



#78

n-propylbenzene

Concen: 2.324 ug/l

RT: 12.806 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VW031744.D

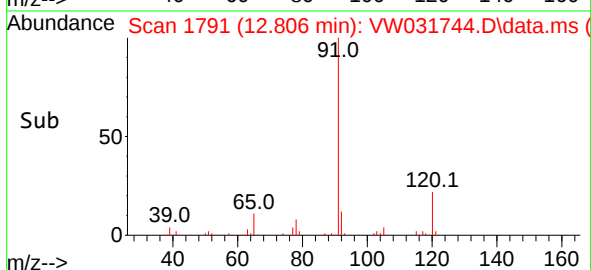
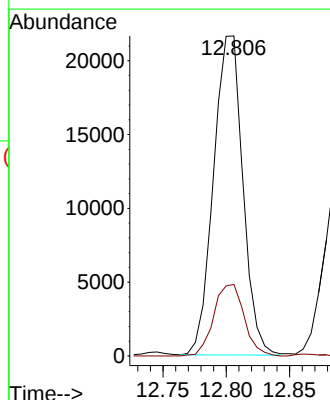
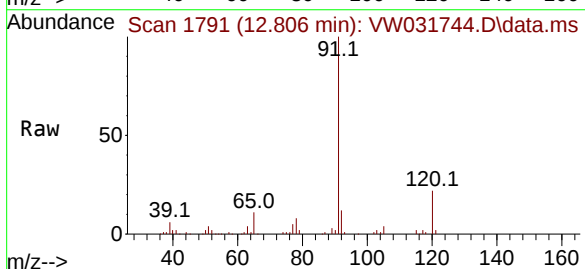
Acq: 01 Jul 2025 12:50

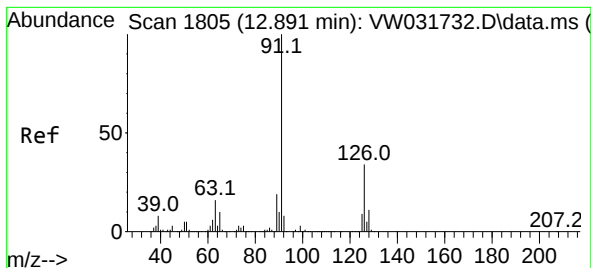
Tgt Ion: 91 Resp: 34916

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.371 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

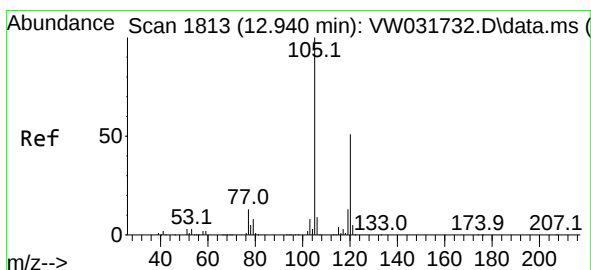
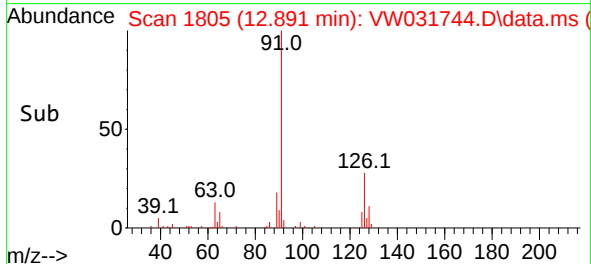
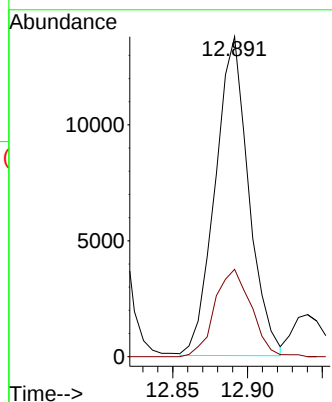
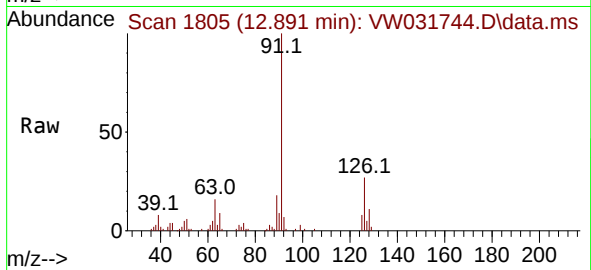
MDL2

Tgt Ion: 91 Resp: 21454

Ion Ratio Lower Upper

91 100

126 29.9 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 2.265 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031744.D

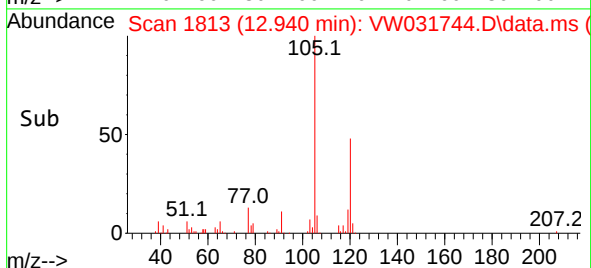
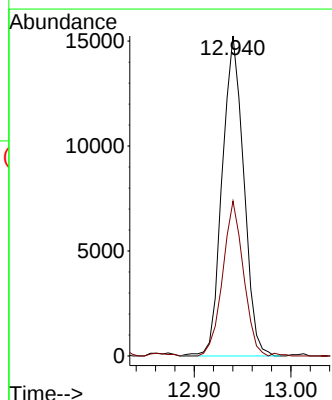
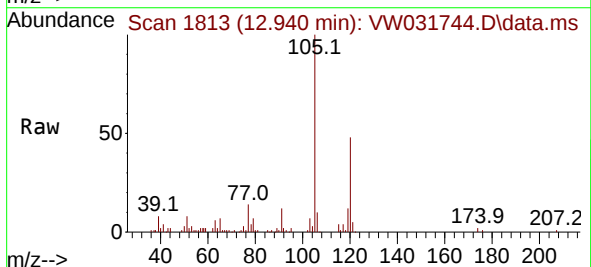
Acq: 01 Jul 2025 12:50

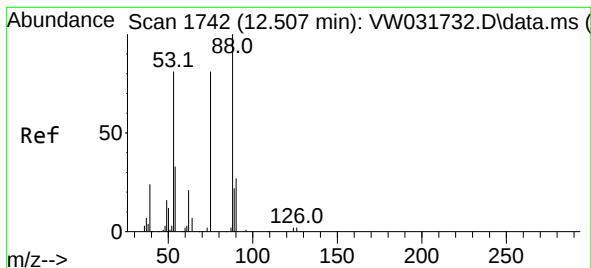
Tgt Ion: 105 Resp: 23524

Ion Ratio Lower Upper

105 100

120 46.7 23.8 71.2

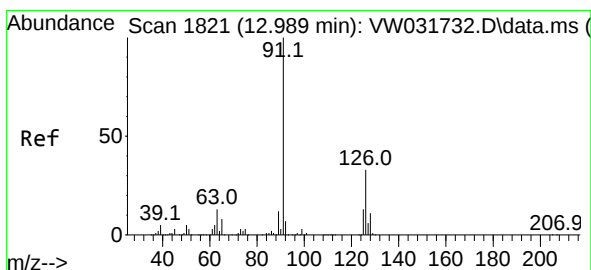
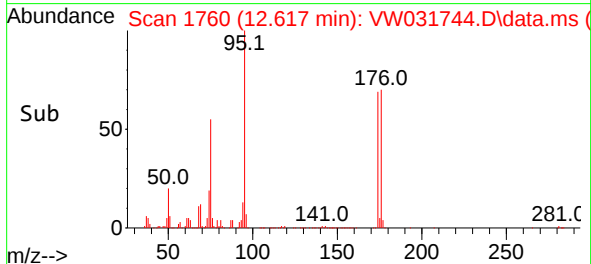
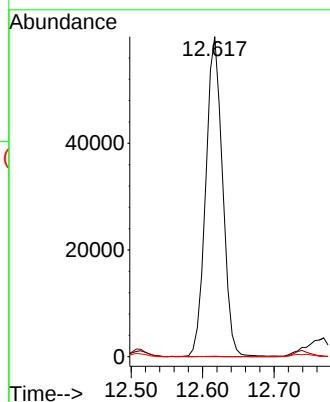
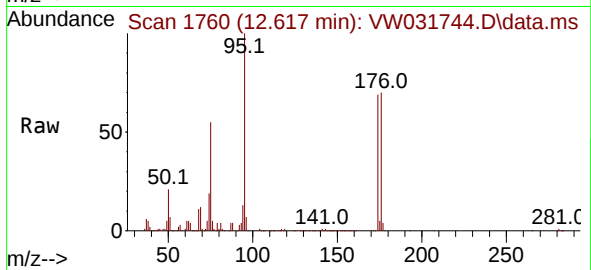




#81
trans-1,4-Dichloro-2-butene
Concen: 106.778 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

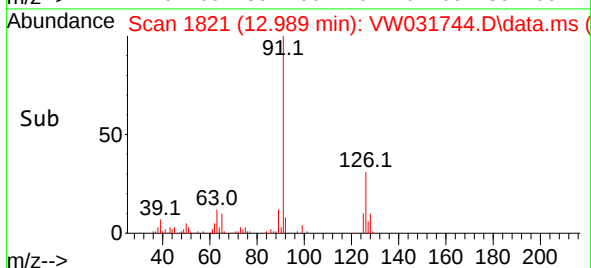
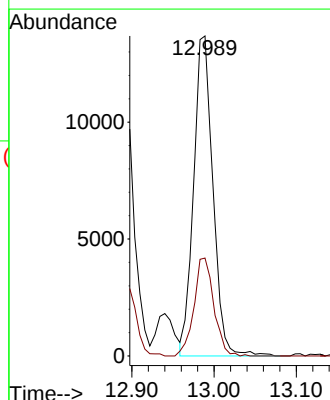
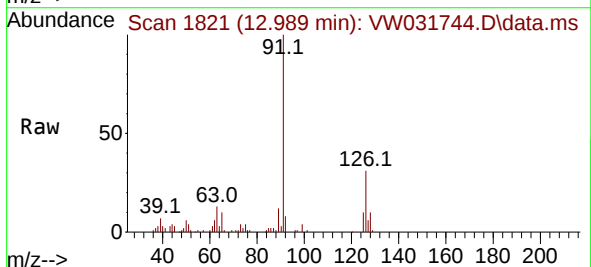
Instrument :
MSVOA_W
ClientSampleId :
MDL2

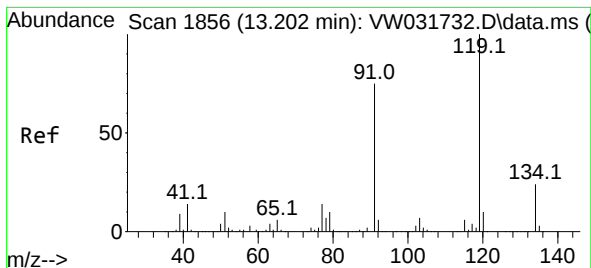
Tgt Ion: 75 Resp: 97721
Ion Ratio Lower Upper
75 100
53 0.1 83.5 125.3#
89 0.0 38.3 57.5#



#82
4-Chlorotoluene
Concen: 2.351 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 91 Resp: 22332
Ion Ratio Lower Upper
91 100
126 31.5 16.0 47.9





#83

tert-Butylbenzene

Concen: 2.200 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

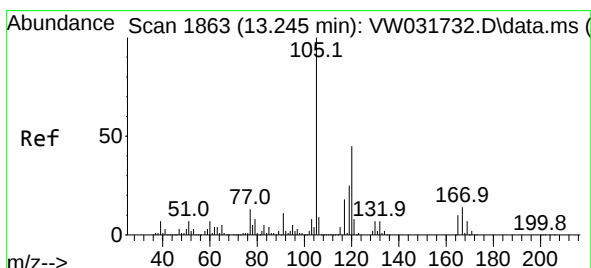
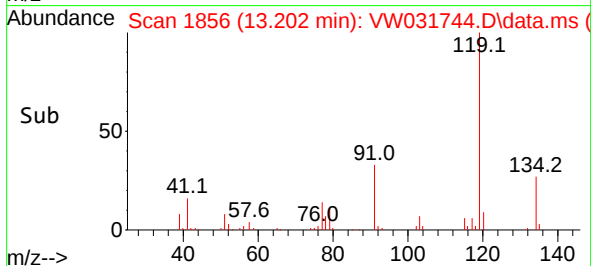
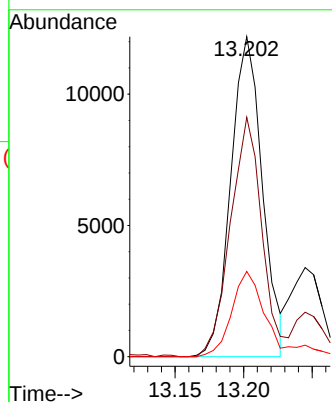
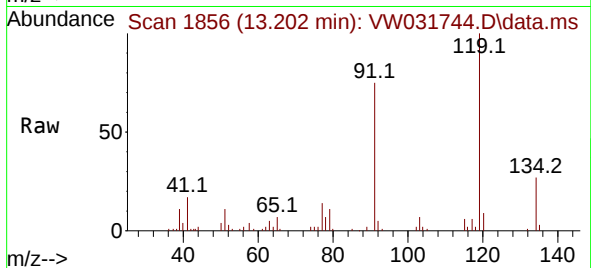
Tgt Ion:119 Resp: 19573

Ion Ratio Lower Upper

119 100

91 74.8 36.0 108.1

134 27.8 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 2.147 ug/l

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW031744.D

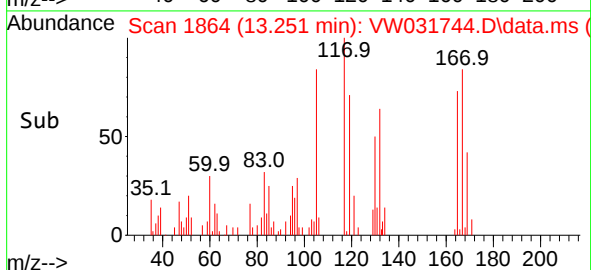
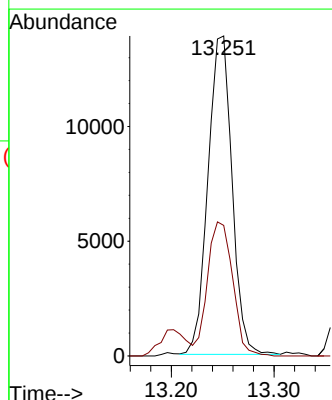
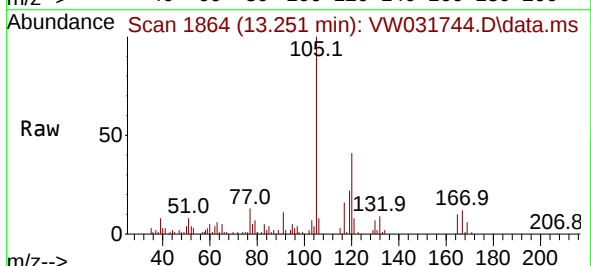
Acq: 01 Jul 2025 12:50

Tgt Ion:105 Resp: 22593

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 2.234 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

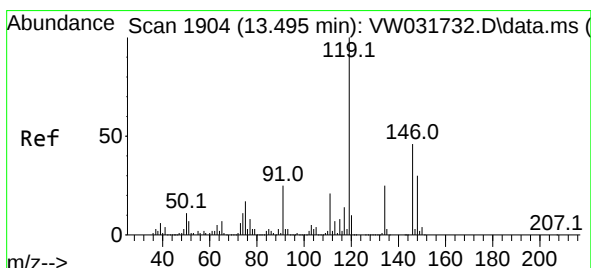
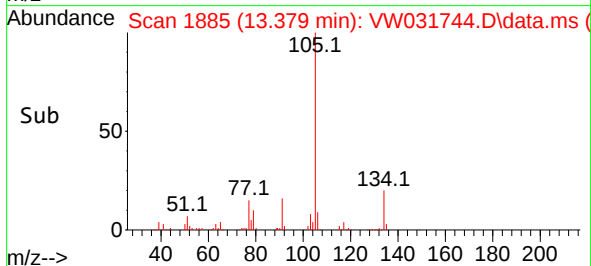
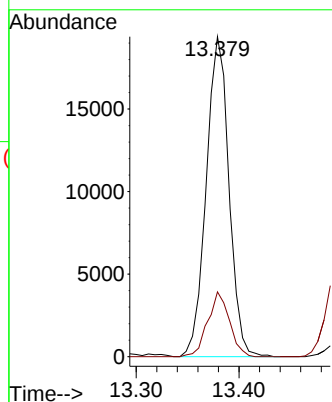
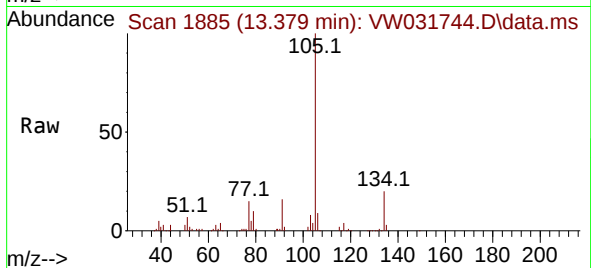
MDL2

Tgt Ion:105 Resp: 29825

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 2.208 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

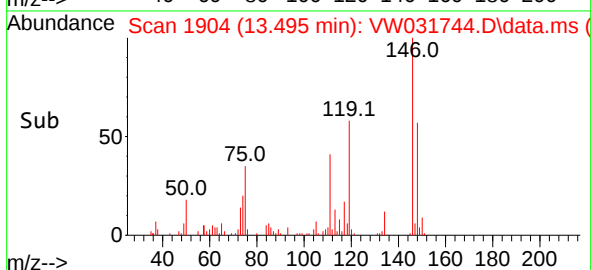
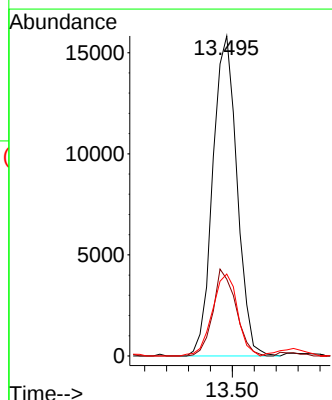
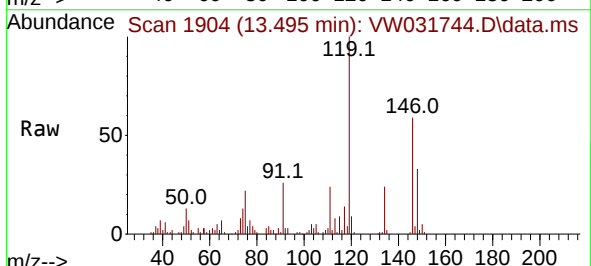
Tgt Ion:119 Resp: 24304

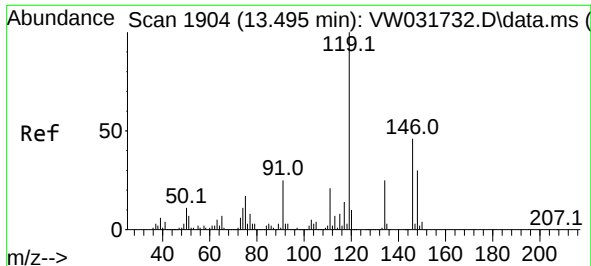
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 26.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 2.497 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

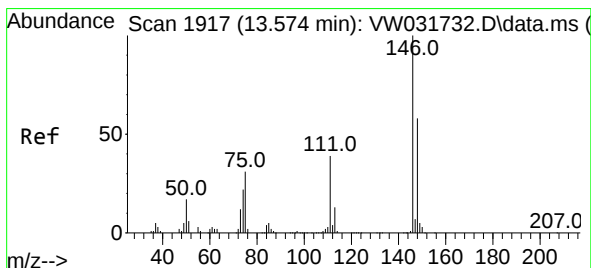
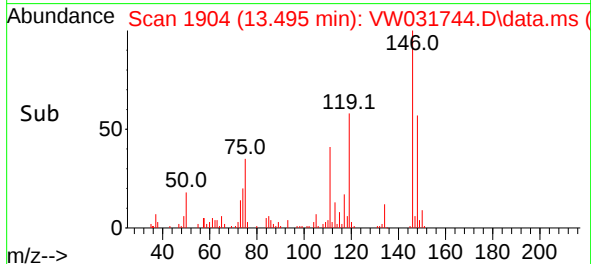
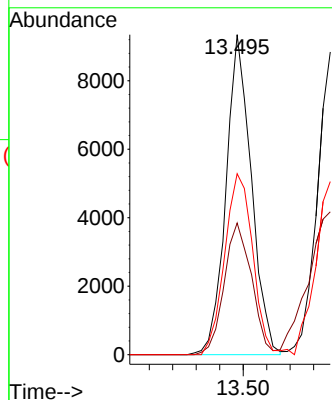
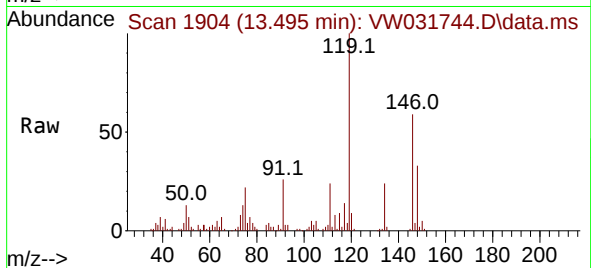
Tgt Ion:146 Resp: 14015

Ion Ratio Lower Upper

146 100

111 44.4 22.3 66.9

148 62.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 2.587 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

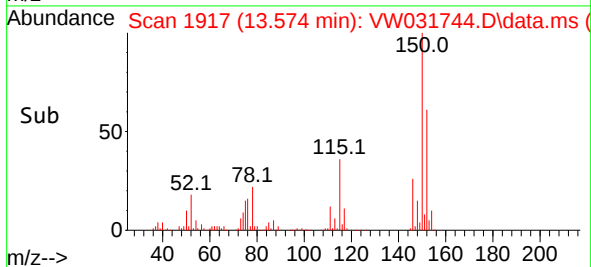
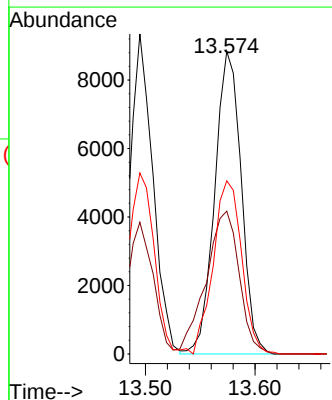
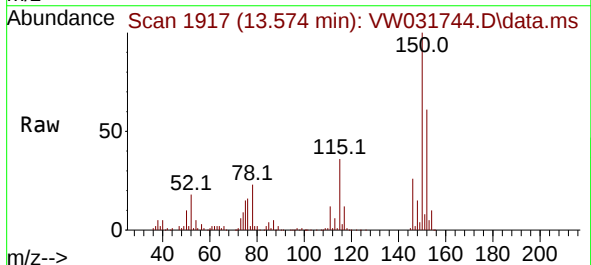
Tgt Ion:146 Resp: 14858

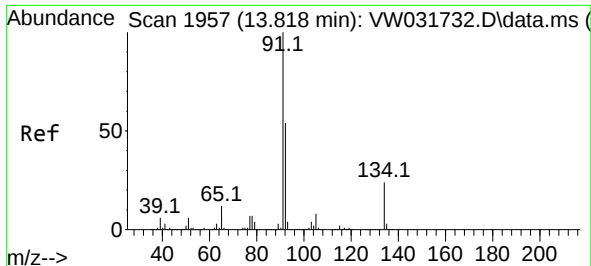
Ion Ratio Lower Upper

146 100

111 59.3 20.4 61.3

148 61.9 30.2 90.6

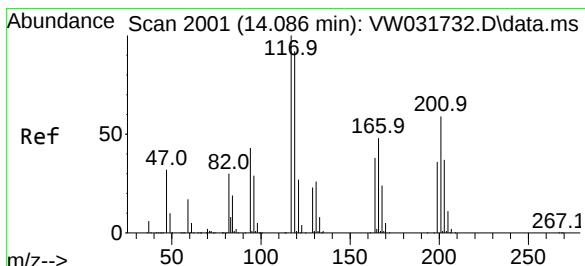
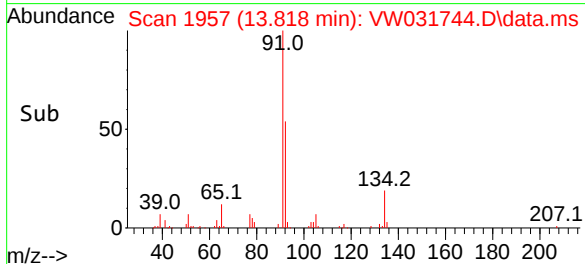
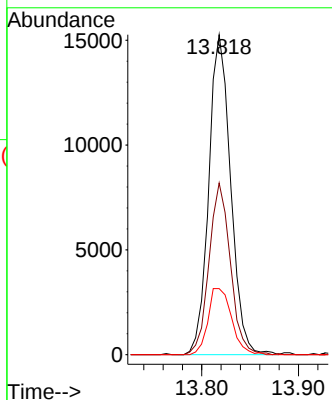
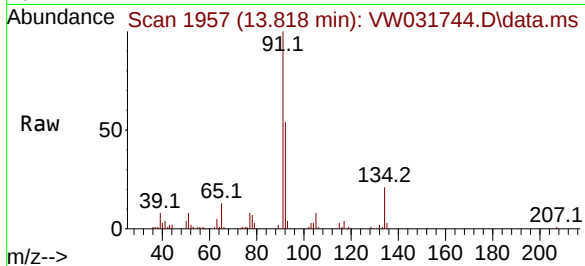




#89
n-Butylbenzene
Concen: 2.249 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

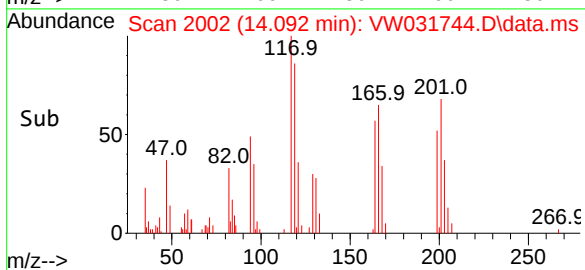
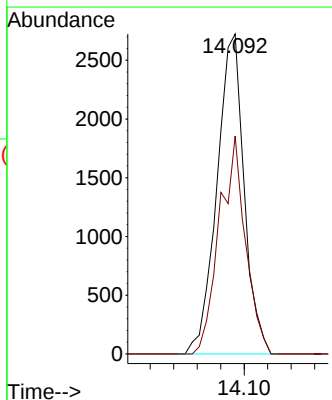
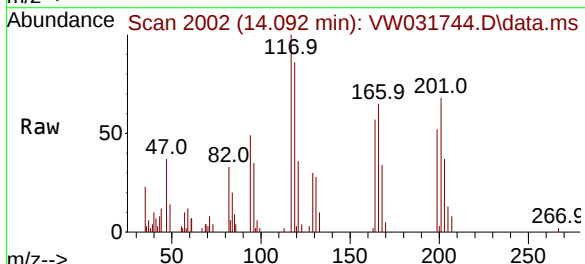
Instrument :
MSVOA_W
ClientSampleId :
MDL2

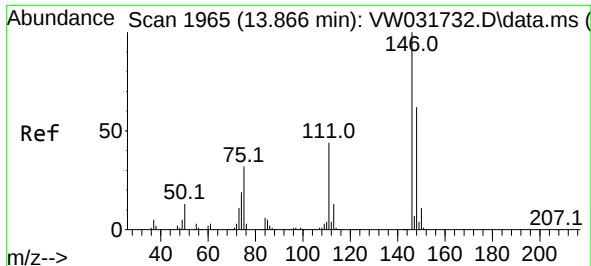
Tgt Ion: 91	Resp:	24044
Ion Ratio	Lower	Upper
91	100	
92	52.3	27.2 81.5
134	22.3	12.2 36.6



#90
Hexachloroethane
Concen: 2.206 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031744.D
Acq: 01 Jul 2025 12:50

Tgt Ion: 117	Resp:	4379
Ion Ratio	Lower	Upper
117	100	
201	65.4	31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 2.321 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

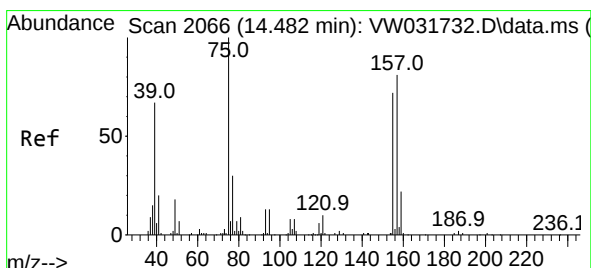
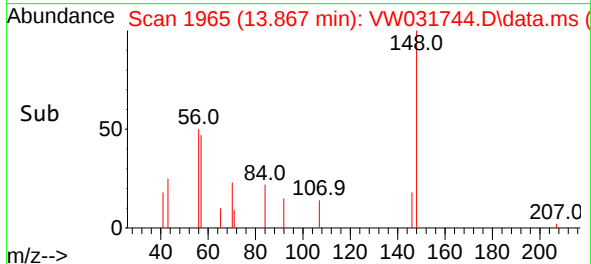
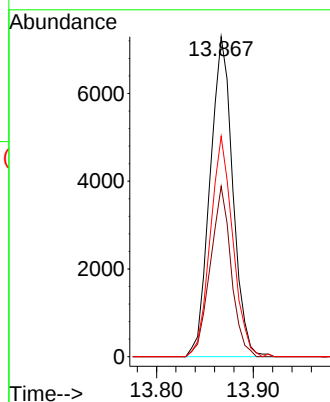
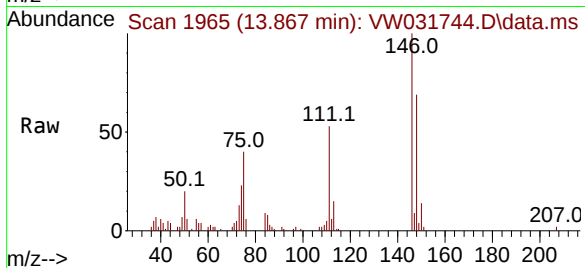
Tgt Ion:146 Resp: 11906

Ion Ratio Lower Upper

146 100

111 48.9 21.7 65.1

148 68.2 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.322 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

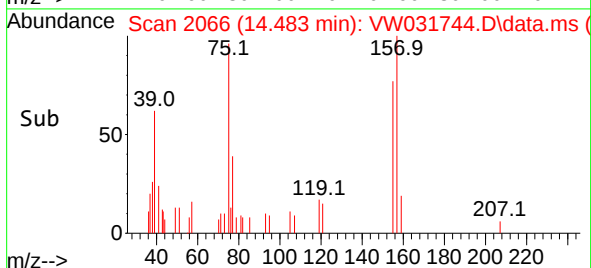
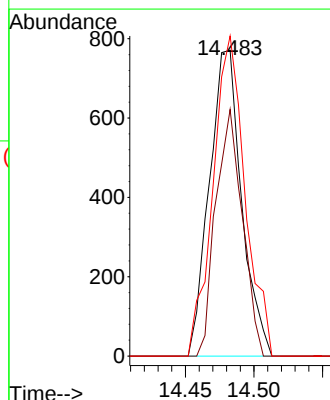
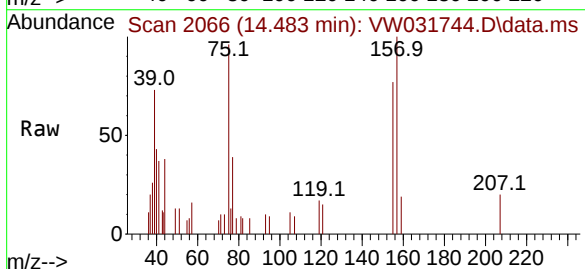
Tgt Ion: 75 Resp: 1263

Ion Ratio Lower Upper

75 100

155 66.4 37.2 111.6

157 104.2 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 2.266 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

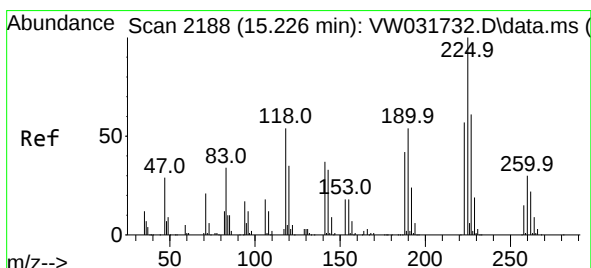
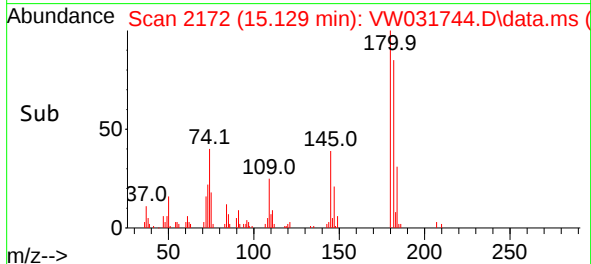
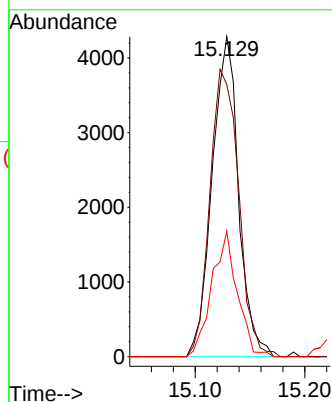
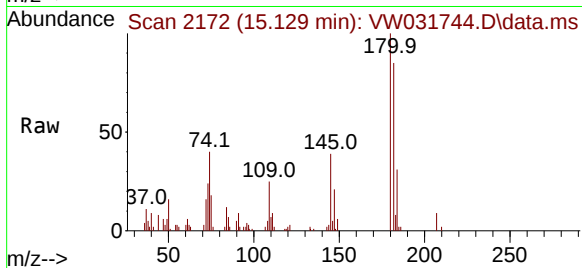
Tgt Ion:180 Resp: 7167

Ion Ratio Lower Upper

180 100

182 97.8 48.6 145.9

145 38.0 17.3 51.7



#94

Hexachlorobutadiene

Concen: 2.317 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

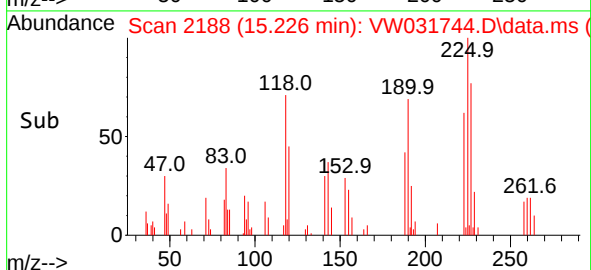
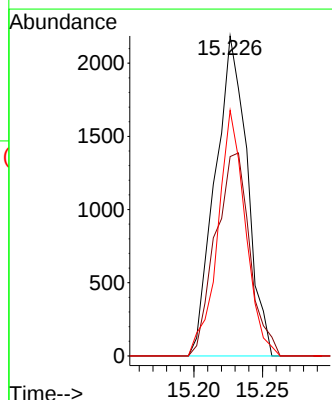
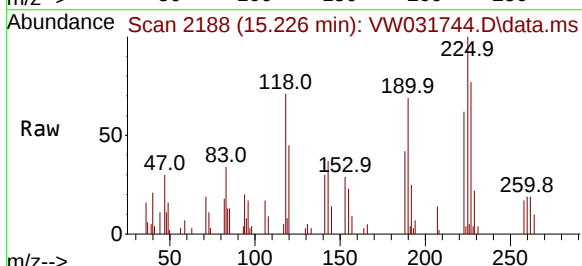
Tgt Ion:225 Resp: 3540

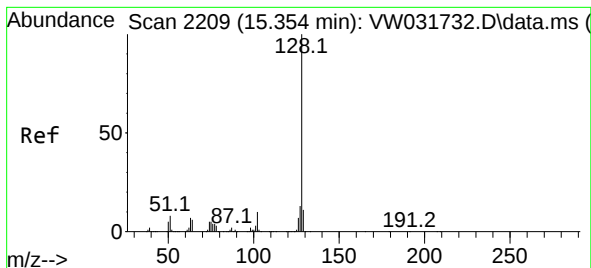
Ion Ratio Lower Upper

225 100

223 68.1 32.6 97.8

227 66.6 37.3 111.8





#95

Naphthalene

Concen: 2.141 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Instrument :

MSVOA_W

ClientSampleId :

MDL2

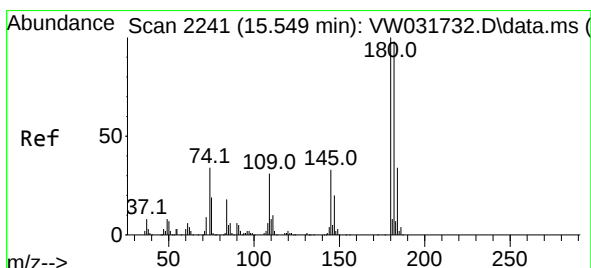
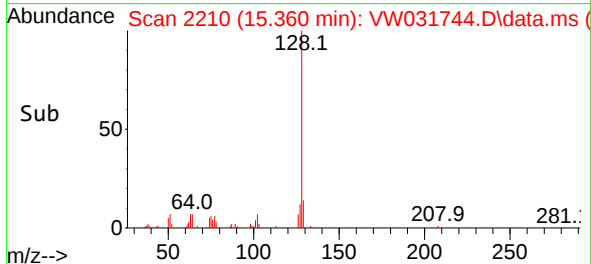
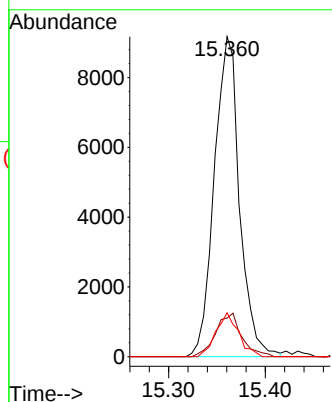
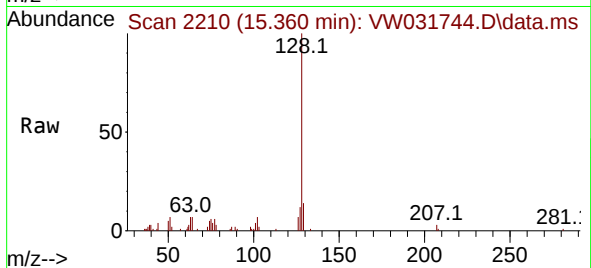
Tgt Ion:128 Resp: 16607

Ion Ratio Lower Upper

128 100

127 14.0 10.8 16.2

129 12.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.449 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031744.D

Acq: 01 Jul 2025 12:50

Tgt Ion:180 Resp: 7119

Ion Ratio Lower Upper

180 100

182 87.9 46.4 139.1

145 37.0 17.8 53.3

