

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032134.D
 Acq On : 25 Aug 2025 15:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 04:11:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:03:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	223303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	390947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	352743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	189734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	151697	49.471	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.940%
35) Dibromofluoromethane	7.904	113	132162	49.795	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.580%
50) Toluene-d8	10.325	98	487180	51.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.617	95	178845	50.882	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	58209	39.695	ug/l	100
3) Chloromethane	2.259	50	70477	44.328	ug/l	100
4) Vinyl Chloride	2.405	62	85833	44.224	ug/l	100
5) Bromomethane	2.826	94	76081	43.487	ug/l	100
6) Chloroethane	2.972	64	62307	45.241	ug/l	100
7) Trichlorofluoromethane	3.308	101	84678	43.221	ug/l	100
8) Diethyl Ether	3.722	74	64309	44.904	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	91798	42.490	ug/l	100
10) Methyl Iodide	4.314	142	158051	47.628	ug/l	100
11) Tert butyl alcohol	5.222	59	42037	219.523	ug/l	100
12) 1,1-Dichloroethene	4.082	96	108636	47.072	ug/l	100
13) Acrolein	3.936	56	19034	160.459	ug/l	100
14) Allyl chloride	4.704	41	157001	48.082	ug/l	100
15) Acrylonitrile	5.399	53	162951	230.691	ug/l	100
16) Acetone	4.161	43	156885	217.477	ug/l	100
17) Carbon Disulfide	4.423	76	272988	47.277	ug/l	100
18) Methyl Acetate	4.710	43	99752	48.567	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	205686	47.748	ug/l	100
20) Methylene Chloride	4.960	84	131038	45.132	ug/l	100
21) trans-1,2-Dichloroethene	5.466	96	124025	48.176	ug/l	100
22) Diisopropyl ether	6.344	45	349086	48.528	ug/l	100
23) Vinyl Acetate	6.289	43	1181522	239.464	ug/l	100
24) 1,1-Dichloroethane	6.240	63	220230	47.884	ug/l	100
25) 2-Butanone	7.197	43	229403	229.391	ug/l	100
26) 2,2-Dichloropropane	7.191	77	123553	49.091	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	152386	48.939	ug/l	100
28) Bromochloromethane	7.533	49	105557	49.528	ug/l	100
29) Tetrahydrofuran	7.551	42	143185	232.253	ug/l	100
30) Chloroform	7.691	83	253560	48.185	ug/l	100
31) Cyclohexane	7.972	56	160813	41.814	ug/l	100
32) 1,1,1-Trichloroethane	7.892	97	183072	47.884	ug/l	100
36) 1,1-Dichloropropene	8.093	75	159309	45.555	ug/l	100
37) Ethyl Acetate	7.270	43	96053	44.705	ug/l	100
38) Carbon Tetrachloride	8.087	117	171845	46.356	ug/l	100
39) Methylcyclohexane	9.343	83	186470	44.835	ug/l	100
40) Benzene	8.337	78	499163	46.352	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	52019	44.439	ug/l	100
42) 1,2-Dichloroethane	8.410	62	169842	45.335	ug/l	100
43) Isopropyl Acetate	8.435	43	178843	45.165	ug/l	100
44) Trichloroethene	9.105	130	131139	47.273	ug/l	100
45) 1,2-Dichloropropane	9.374	63	117655	45.379	ug/l	100
46) Dibromomethane	9.465	93	83099	45.956	ug/l	100
47) Bromodichloromethane	9.648	83	190477	46.468	ug/l	100
48) Methyl methacrylate	9.441	41	86812	46.662	ug/l	100
49) 1,4-Dioxane	9.465	88	20258	845.554	ug/l	100
51) 4-Methyl-2-Pentanone	10.215	43	509308	228.265	ug/l	100
52) Toluene	10.392	92	333369	47.631	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	173950	47.232	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	199237	47.420	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	109319	46.293	ug/l	100
56) Ethyl methacrylate	10.648	69	145356	47.477	ug/l	100
57) 1,3-Dichloropropane	10.934	76	179666	45.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	406769	246.455	ug/l	100
59) 2-Hexanone	10.971	43	361520	227.846	ug/l	100
60) Dibromochloromethane	11.129	129	130251	45.528	ug/l	100
61) 1,2-Dibromoethane	11.239	107	107560	45.887	ug/l	100
64) Tetrachloroethene	10.861	164	105751	45.126	ug/l	100
65) Chlorobenzene	11.660	112	373840	46.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	122411	47.592	ug/l	100
67) Ethyl Benzene	11.733	91	656420	49.777	ug/l	100
68) m/p-Xylenes	11.837	106	498514	97.970	ug/l	100
69) o-Xylene	12.166	106	235161	48.803	ug/l	100
70) Styrene	12.178	104	411633	49.275	ug/l	100
71) Bromoform	12.349	173	74748	48.422	ug/l	100
73) Isopropylbenzene	12.465	105	610964	48.389	ug/l	100
74) N-amyl acetate	12.270	43	167015	45.489	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	128920	43.078	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	168870	72.512	ug/l	41
77) Bromobenzene	12.745	156	154504	47.609	ug/l	100
78) n-propylbenzene	12.800	91	744310	47.843	ug/l	100
79) 2-Chlorotoluene	12.891	91	435684	46.109	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	528208	48.999	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	40751	45.699	ug/l	100
82) 4-Chlorotoluene	12.989	91	465194	46.589	ug/l	100
83) tert-Butylbenzene	13.202	119	456708	49.556	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	538163	48.015	ug/l	100
85) sec-Butylbenzene	13.379	105	654846	47.795	ug/l	100
86) p-Isopropyltoluene	13.495	119	540142	46.643	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	289291	45.138	ug/l	100
88) 1,4-Dichlorobenzene	13.580	146	307348	47.031	ug/l	100
89) n-Butylbenzene	13.818	91	535059	48.105	ug/l	100
90) Hexachloroethane	14.092	117	101000	47.444	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	267757	45.727	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	23591	43.528	ug/l	100
93) 1,2,4-Trichlorobenzene	15.123	180	173135	46.834	ug/l	100
94) Hexachlorobutadiene	15.226	225	79348	44.571	ug/l	100
95) Naphthalene	15.360	128	387184	46.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	158208	46.301	ug/l	100

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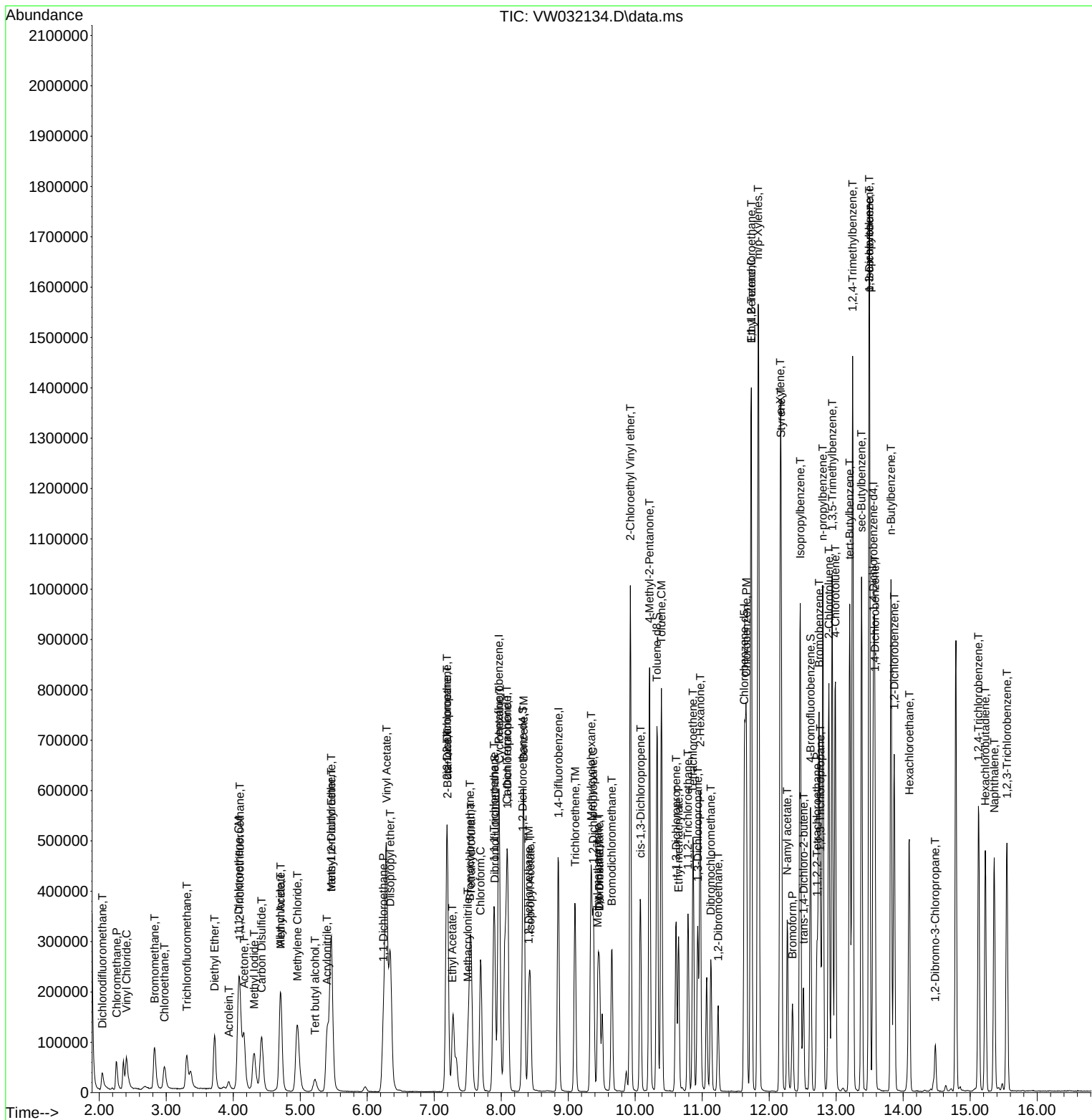
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MSVOA_W
ClientSampleId :

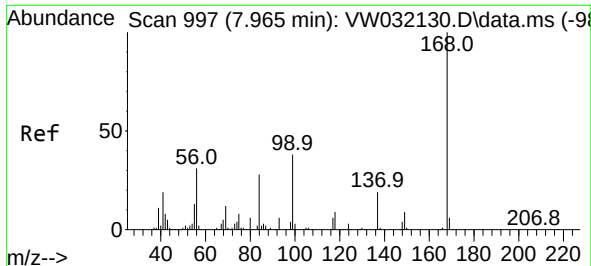
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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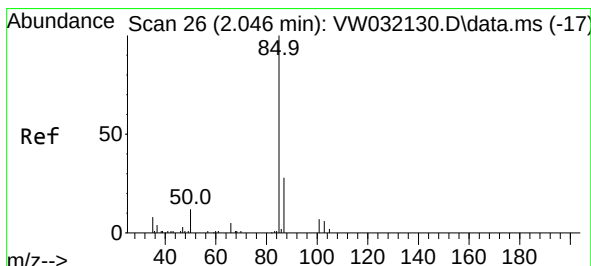
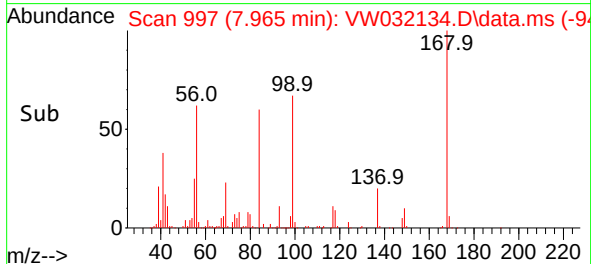
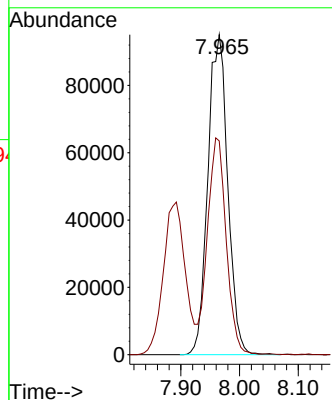
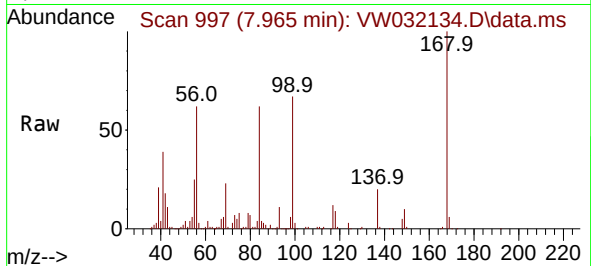




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032134.D
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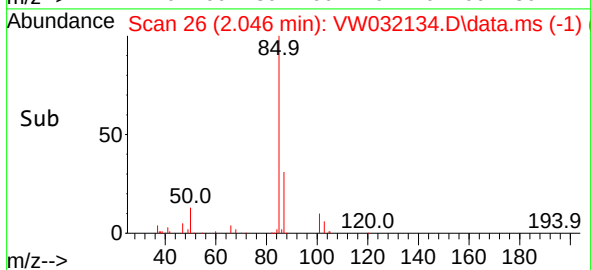
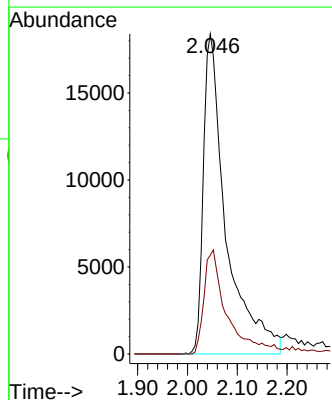
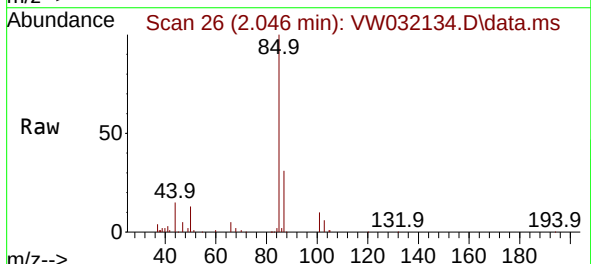
Instrument :
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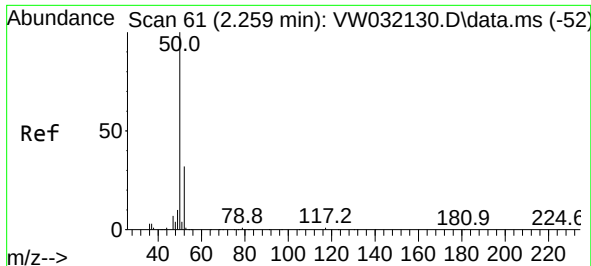
Tgt Ion:168 Resp: 223303
Ion Ratio Lower Upper
168 100
99 66.7 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 39.695 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 85 Resp: 58209
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.4

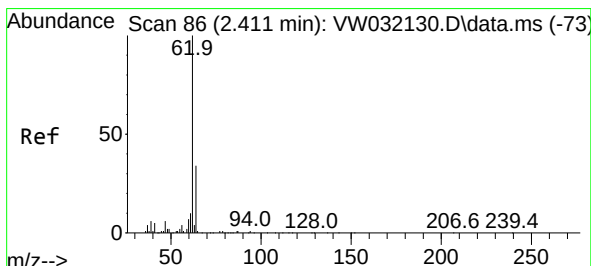
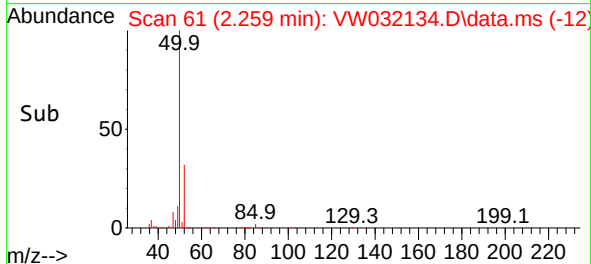
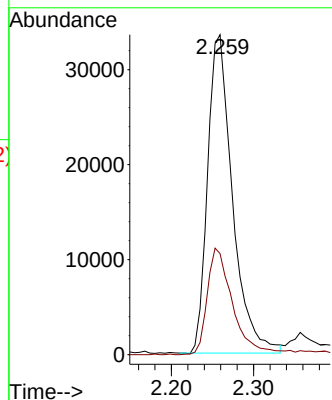
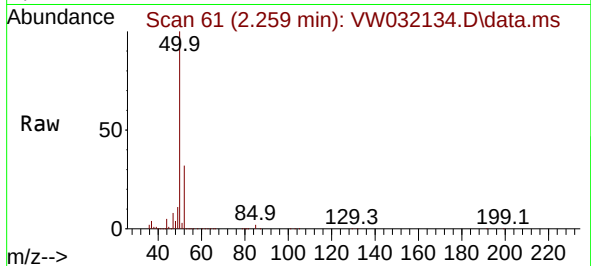




#3
Chloromethane
Concen: 44.328 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

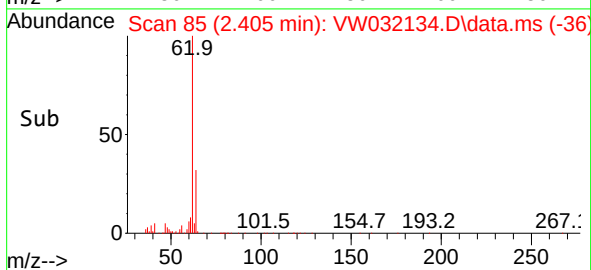
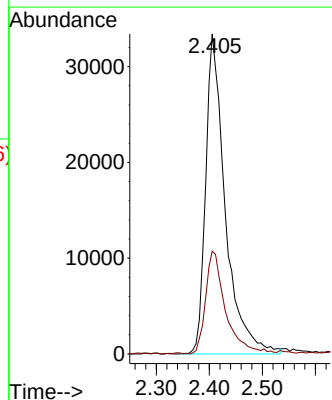
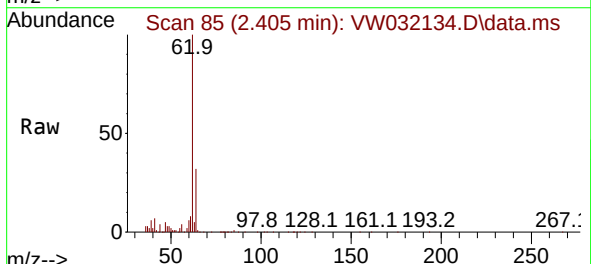
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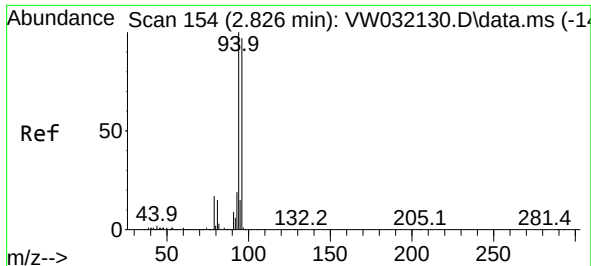
Tgt Ion: 50 Resp: 70477
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2



#4
Vinyl Chloride
Concen: 44.224 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 62 Resp: 85833
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

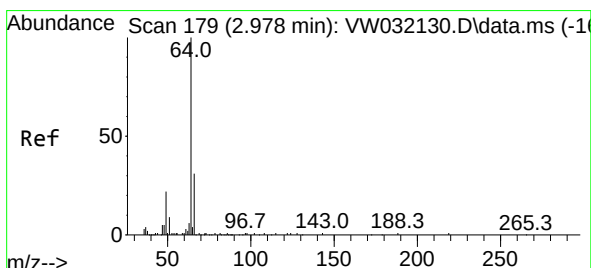
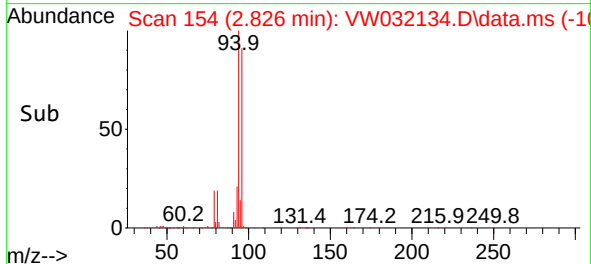
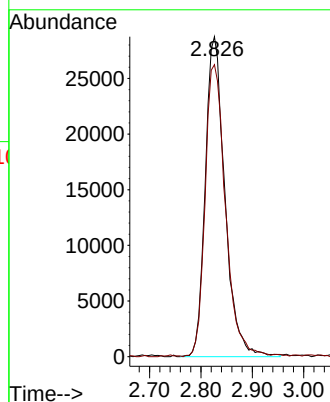
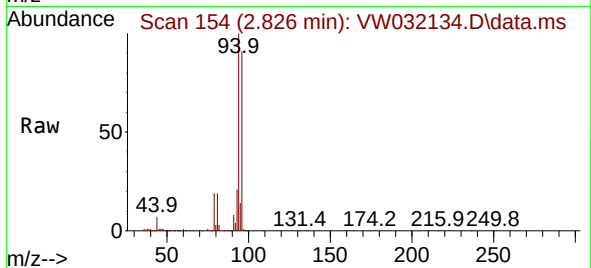




#5
Bromomethane
Concen: 43.487 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

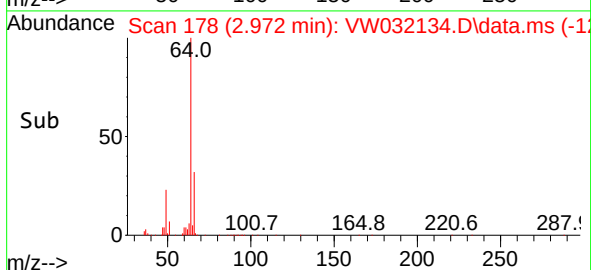
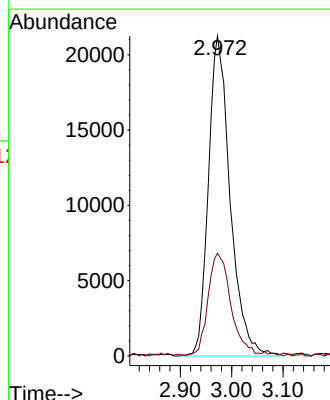
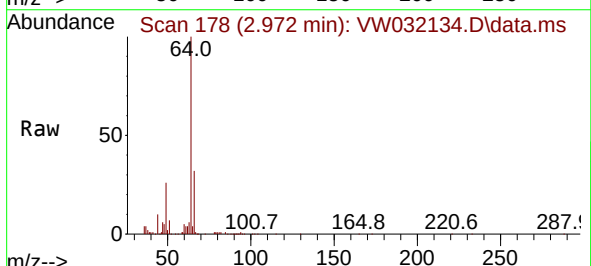
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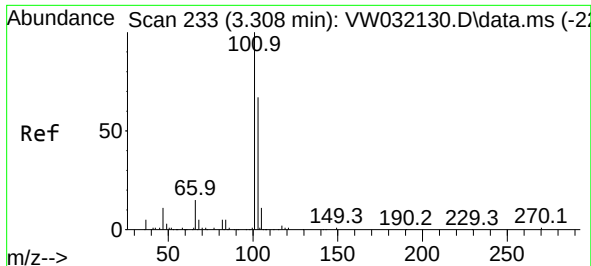
Tgt Ion: 94 Resp: 76081
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2



#6
Chloroethane
Concen: 45.241 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 64 Resp: 62307
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0

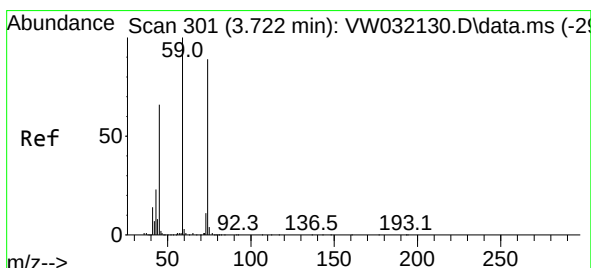
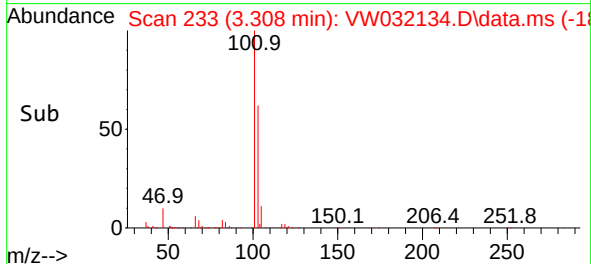
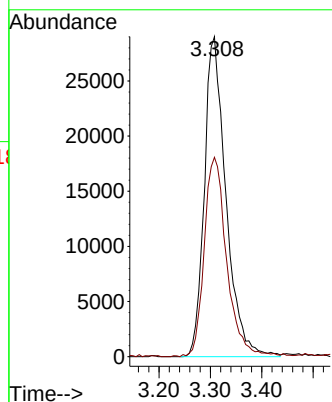
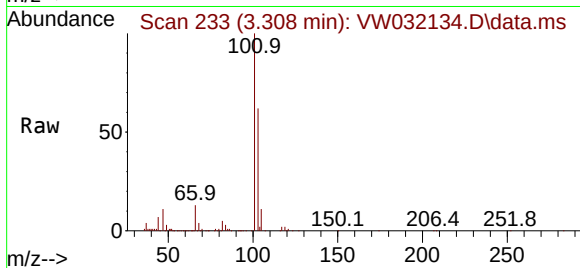




#7
 Trichlorofluoromethane
 Concen: 43.221 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

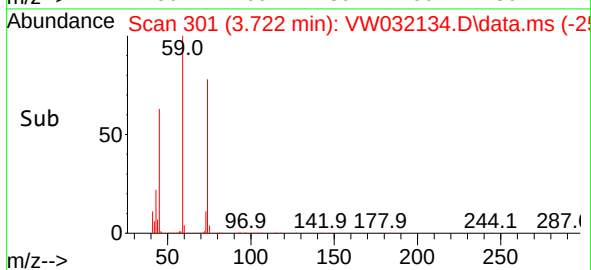
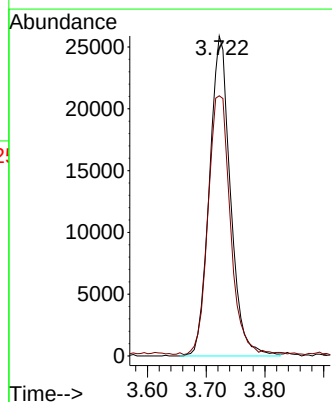
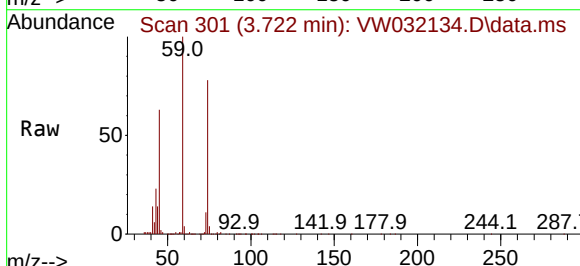
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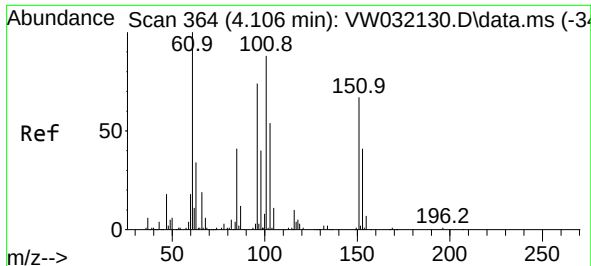
Tgt Ion:101 Resp: 84678
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.8 74.8



#8
 Diethyl Ether
 Concen: 44.904 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

Tgt Ion: 74 Resp: 64309
 Ion Ratio Lower Upper
 74 100
 45 85.9 43.0 128.8

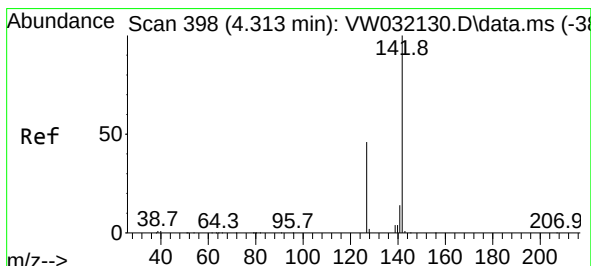
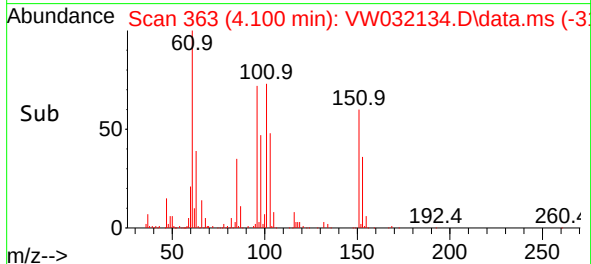
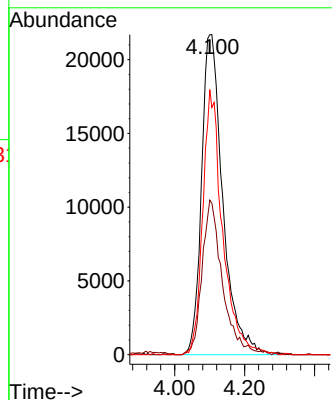
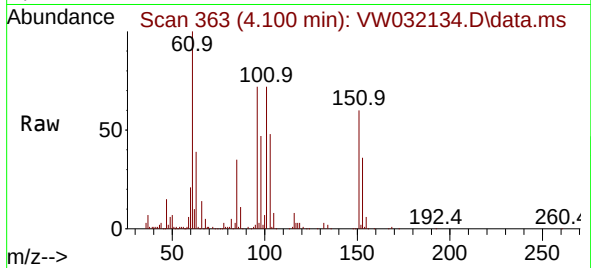




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.490 ug/l
RT: 4.100 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032134.D
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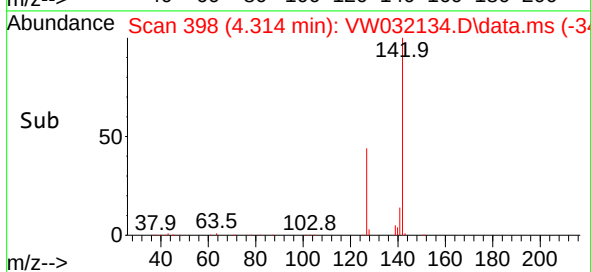
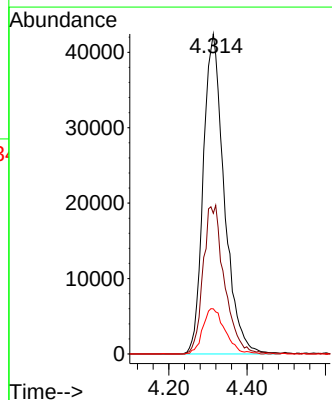
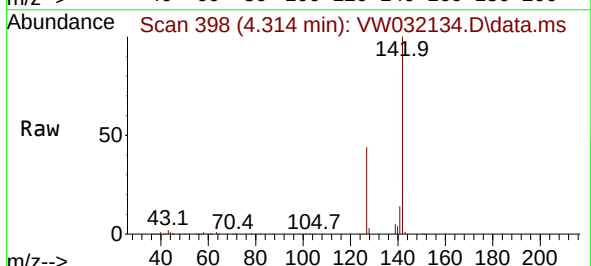
Instrument :
MSVOA_W
ClientSampleId :

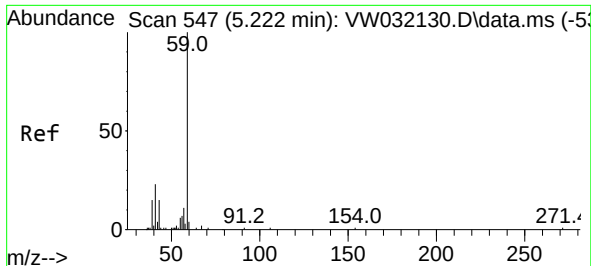
Tgt Ion:101 Resp: 91798
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 77.0 61.6 92.4



#10
Methyl Iodide
Concen: 47.628 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

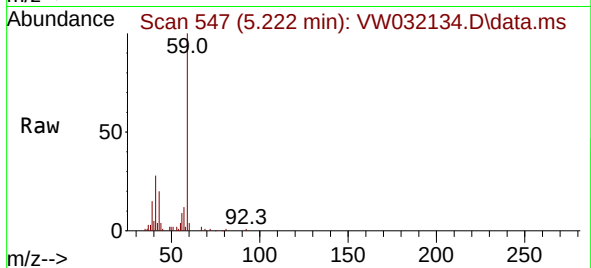
Tgt Ion:142 Resp: 158051
Ion Ratio Lower Upper
142 100
127 47.3 37.8 56.8
141 15.1 12.1 18.1



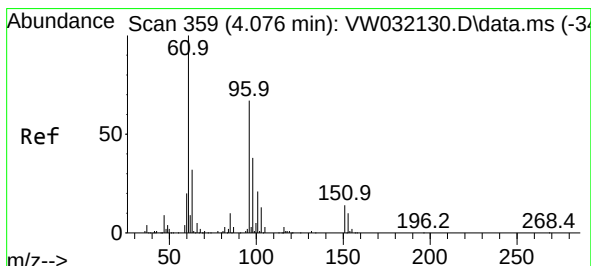
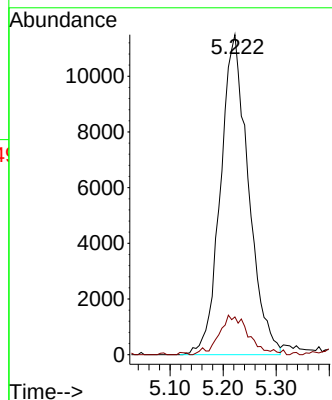
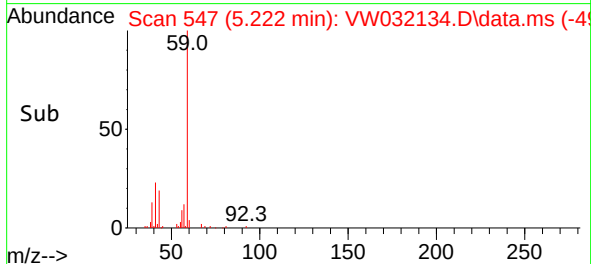


#11
Tert butyl alcohol
Concen: 219.523 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

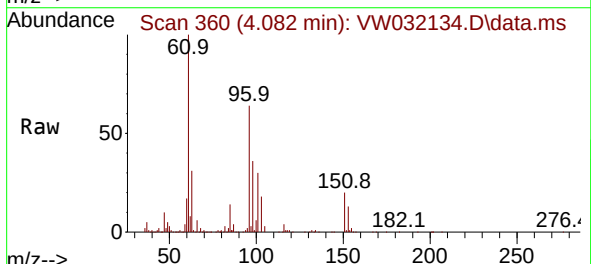
Instrument :
MSVOA_W
ClientSampleId :



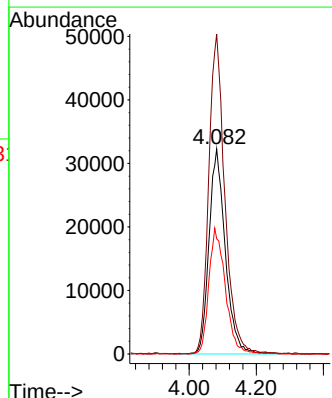
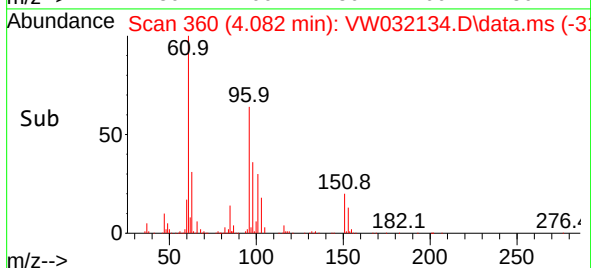
Tgt Ion: 59 Resp: 42037
Ion Ratio Lower Upper
59 100
57 12.7 10.2 15.2

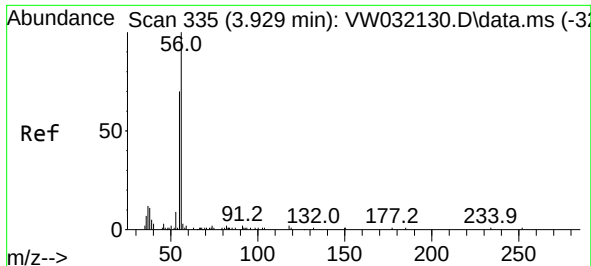


#12
1,1-Dichloroethene
Concen: 47.072 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16



Tgt Ion: 96 Resp: 108636
Ion Ratio Lower Upper
96 100
61 155.7 124.6 186.8
98 56.2 45.0 67.4

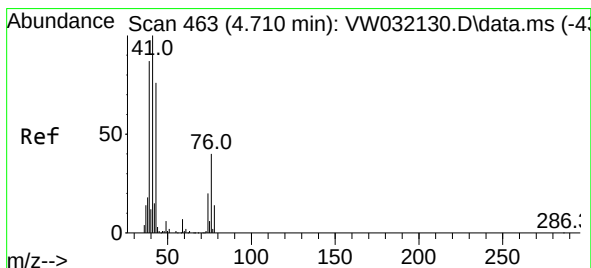
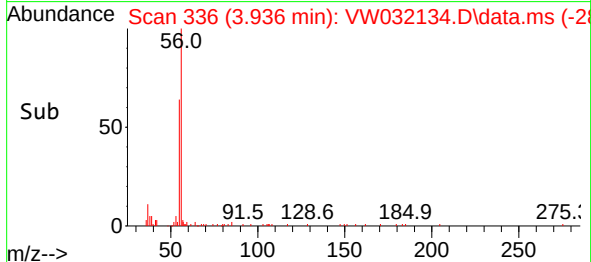
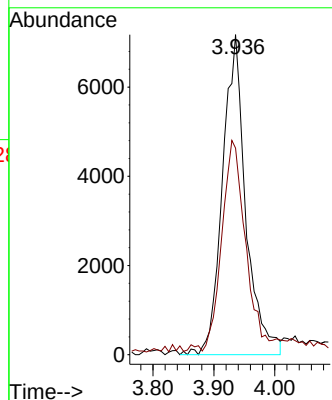
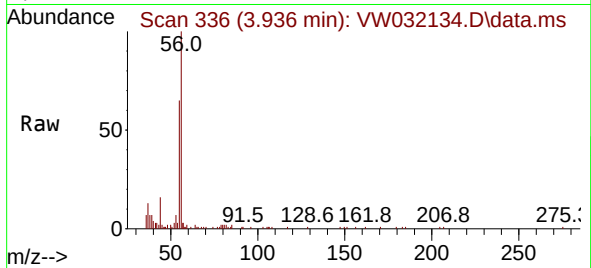




#13
Acrolein
Concen: 160.459 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

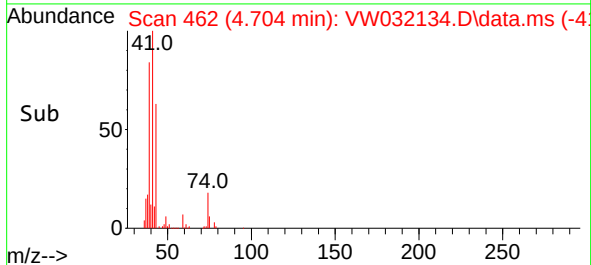
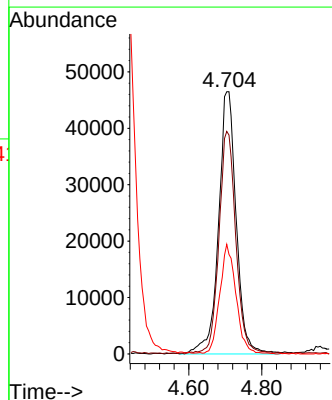
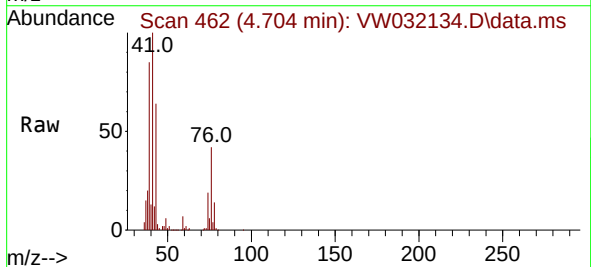
Instrument :
MSVOA_W
ClientSampleId :

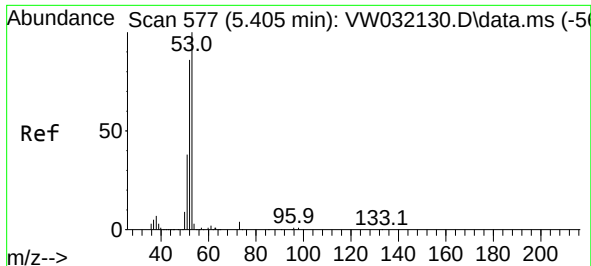
Tgt Ion: 56 Resp: 19034
Ion Ratio Lower Upper
56 100
55 66.9 53.5 80.3



#14
Allyl chloride
Concen: 48.082 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

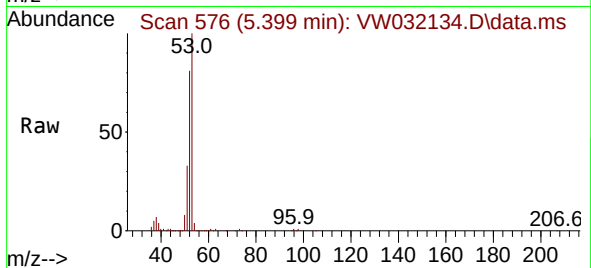
Tgt Ion: 41 Resp: 157001
Ion Ratio Lower Upper
41 100
39 81.4 65.1 97.7
76 38.4 30.7 46.1



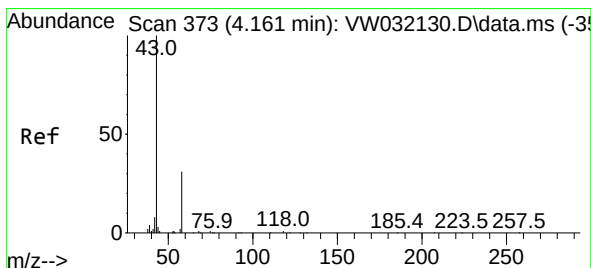
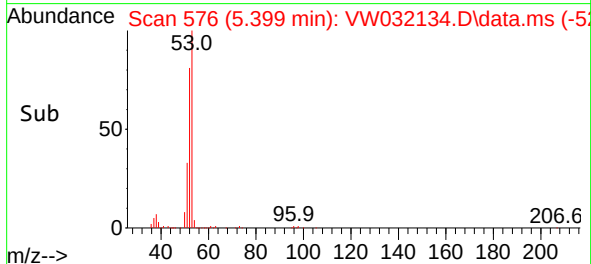
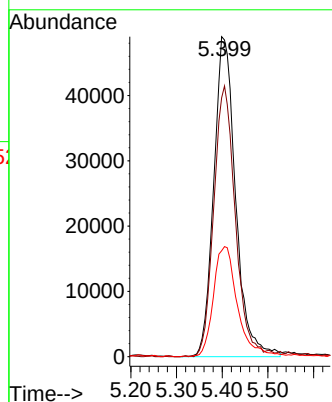


#15
Acrylonitrile
Concen: 230.691 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Instrument :
MSVOA_W
ClientSampleId :

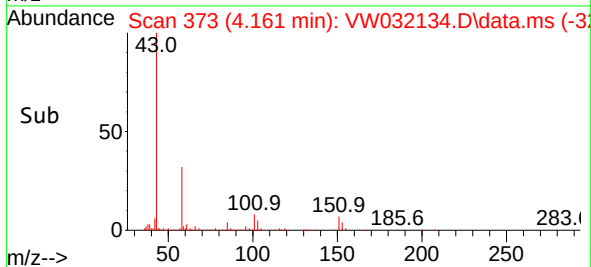
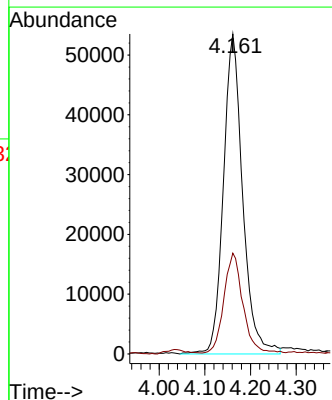
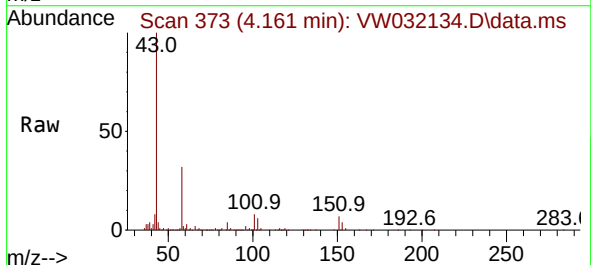


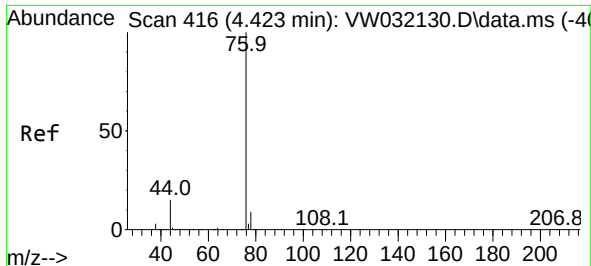
Tgt Ion: 53 Resp: 162951
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 37.8 30.2 45.4



#16
Acetone
Concen: 217.477 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 43 Resp: 156885
Ion Ratio Lower Upper
43 100
58 30.7 24.6 36.8

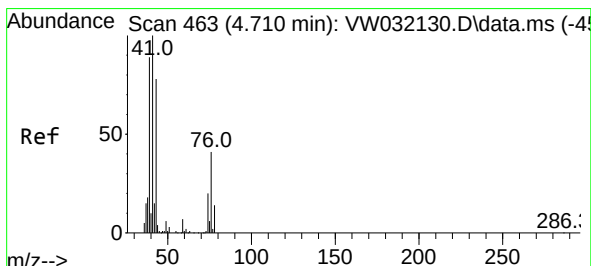
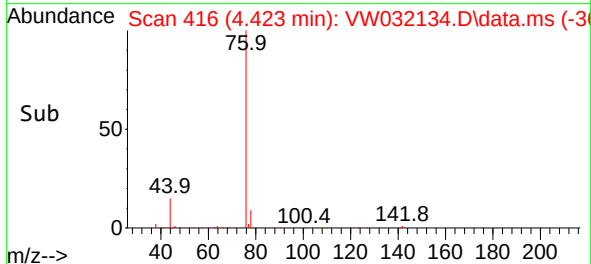
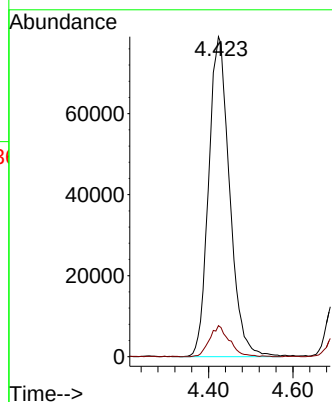
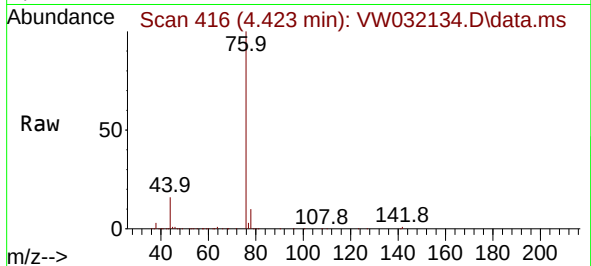




#17
Carbon Disulfide
Concen: 47.277 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

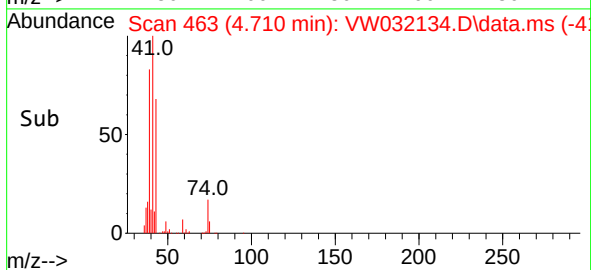
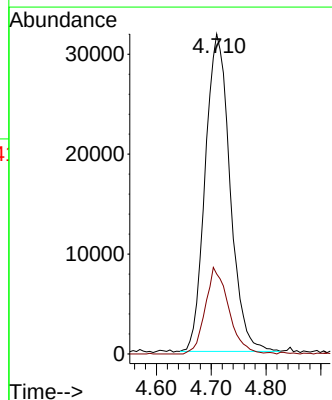
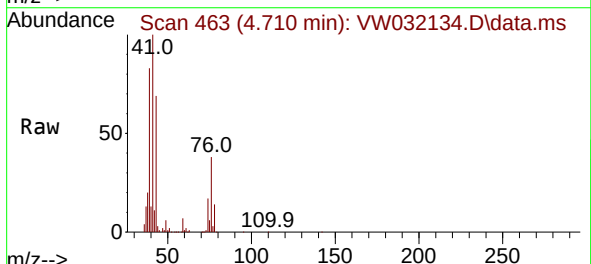
Instrument :
MSVOA_W
ClientSampleId :

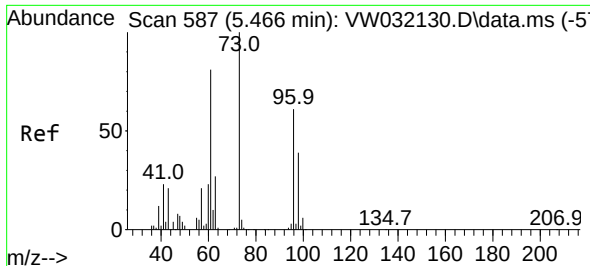
Tgt Ion: 76 Resp: 272988
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#18
Methyl Acetate
Concen: 48.567 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 43 Resp: 99752
Ion Ratio Lower Upper
43 100
74 25.7 20.6 30.8

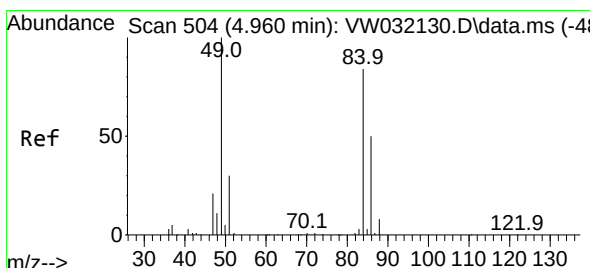
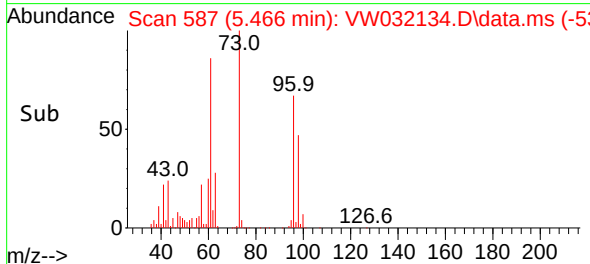
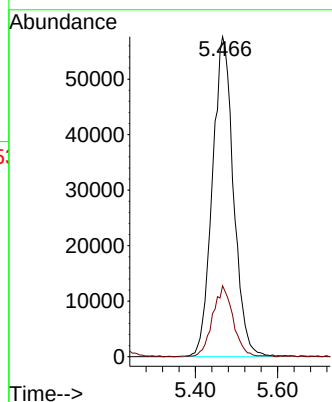
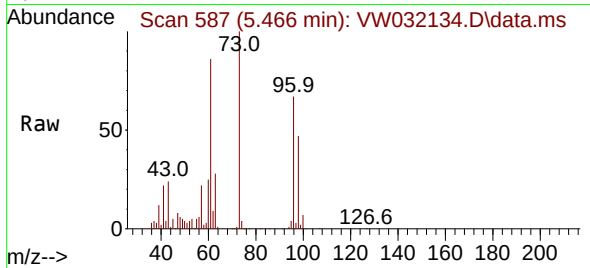




#19
Methyl tert-butyl Ether
Concen: 47.748 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

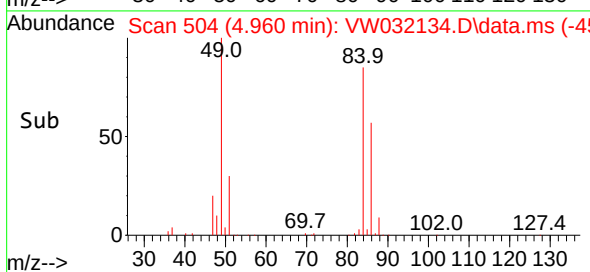
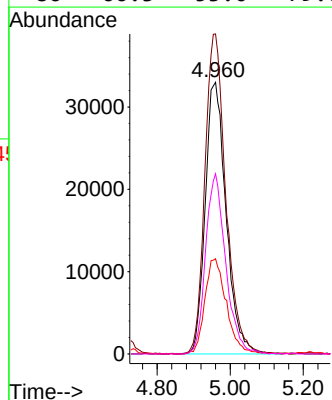
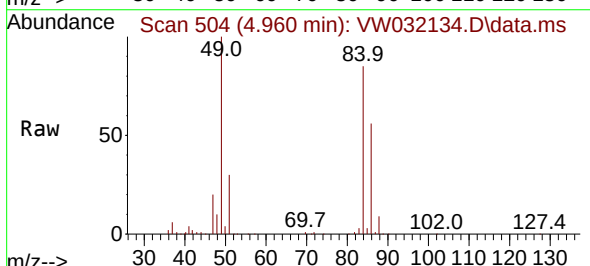
Instrument :
MSVOA_W
ClientSampleId :

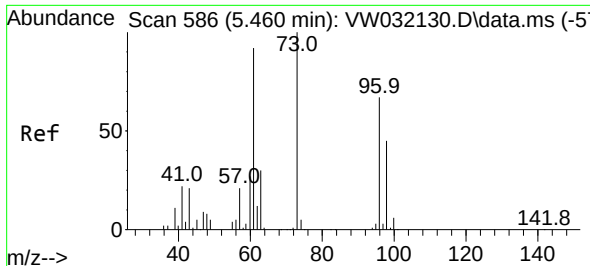
Tgt Ion: 73 Resp: 205686
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 45.132 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 84 Resp: 131038
Ion Ratio Lower Upper
84 100
49 117.8 94.2 141.4
51 35.1 28.1 42.1
86 66.3 53.0 79.6

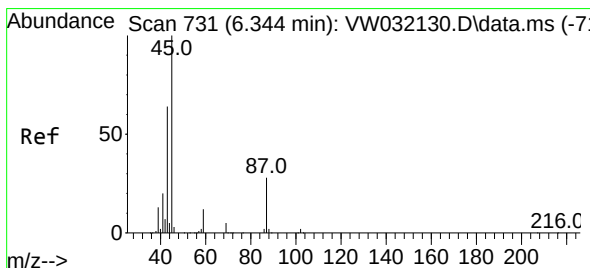
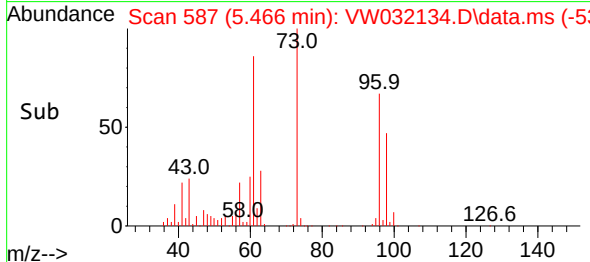
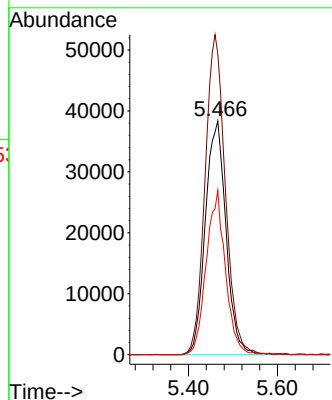
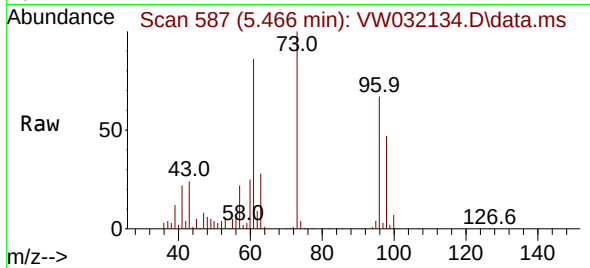




#21
trans-1,2-Dichloroethene
Concen: 48.176 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

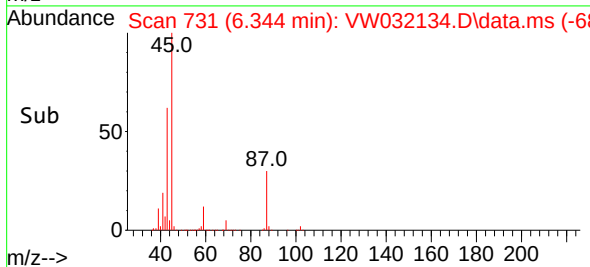
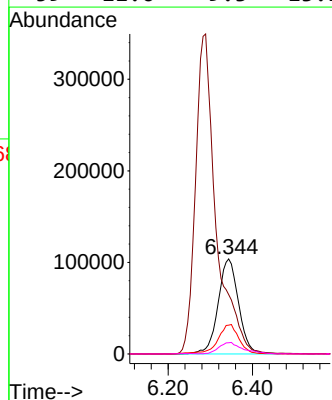
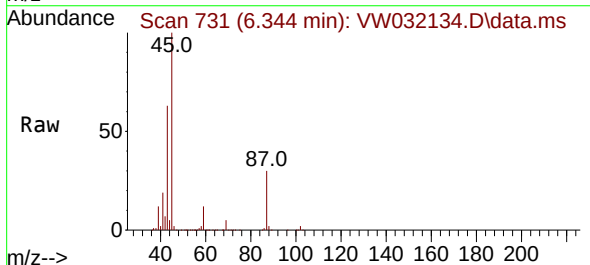
Instrument :
MSVOA_W
ClientSampleId :

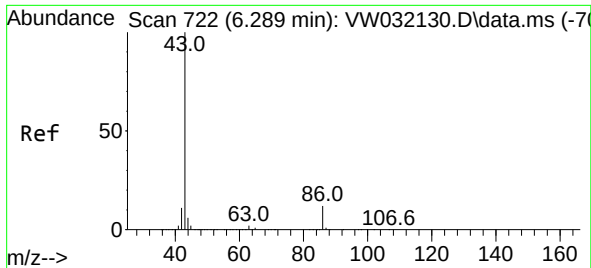
Tgt Ion: 96 Resp: 124025
Ion Ratio Lower Upper
96 100
61 128.7 103.0 154.4
98 70.3 56.2 84.4



#22
Diisopropyl ether
Concen: 48.528 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 45 Resp: 349086
Ion Ratio Lower Upper
45 100
43 61.7 49.4 74.0
87 30.2 24.2 36.2
59 11.6 9.3 13.9

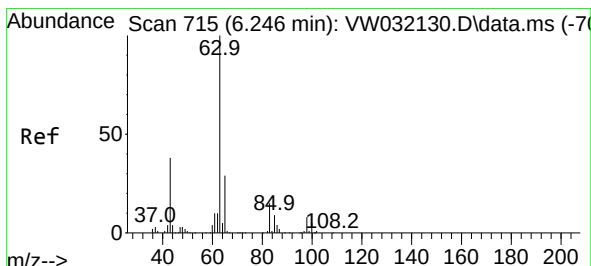
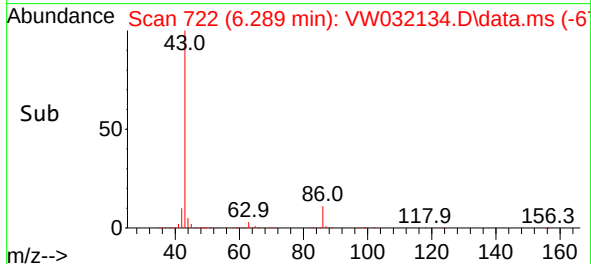
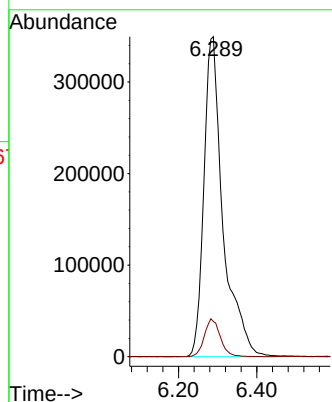
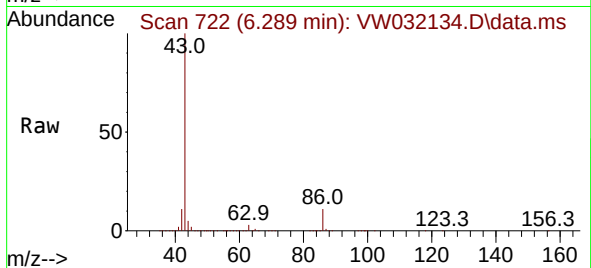




#23
 Vinyl Acetate
 Concen: 239.464 ug/l
 RT: 6.289 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

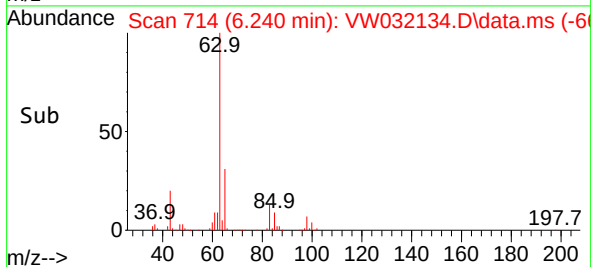
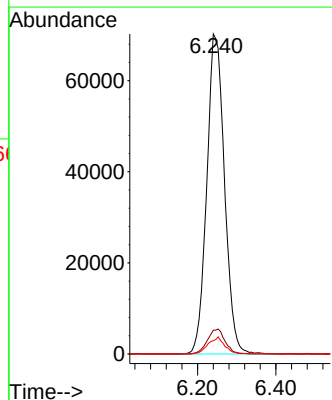
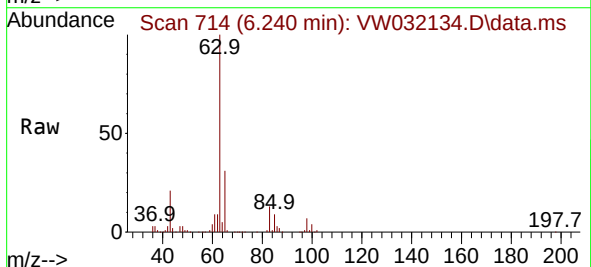
Instrument :
 MSVOA_W
 ClientSampleId :

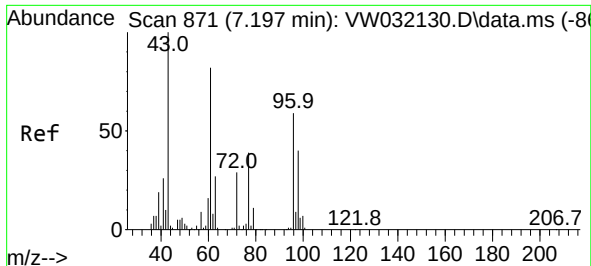
Tgt Ion: 43 Resp: 1181522
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 47.884 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

Tgt Ion: 63 Resp: 220230
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.2 2.1 6.3

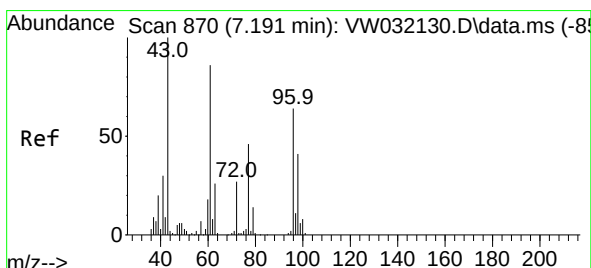
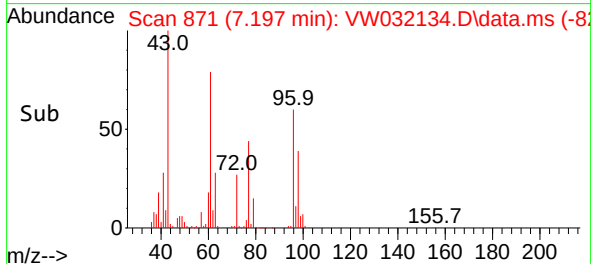
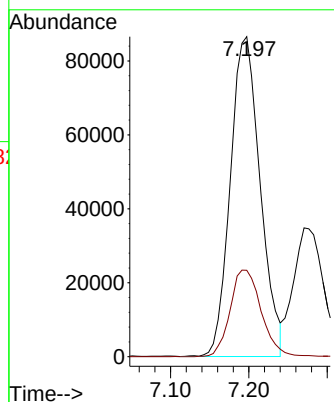
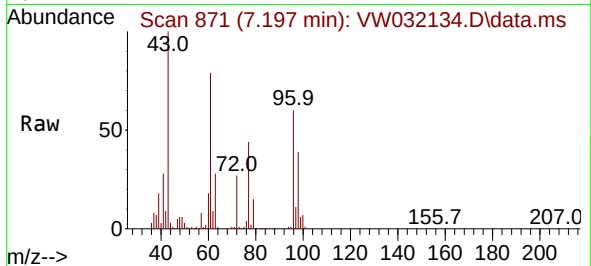




#25
2-Butanone
Concen: 229.391 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

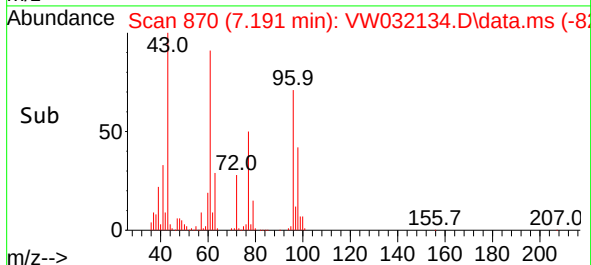
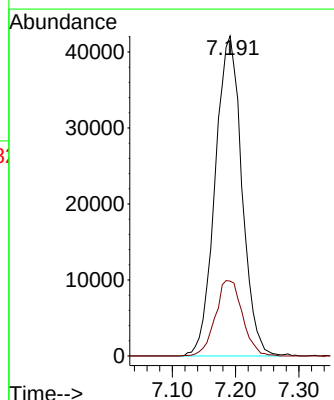
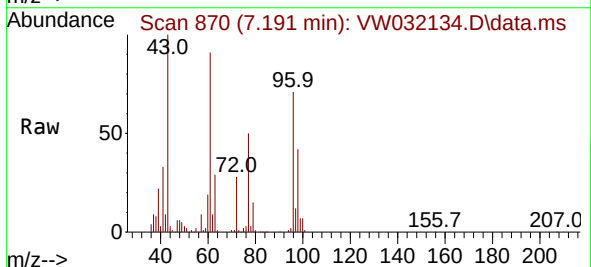
Instrument :
MSVOA_W
ClientSampleId :

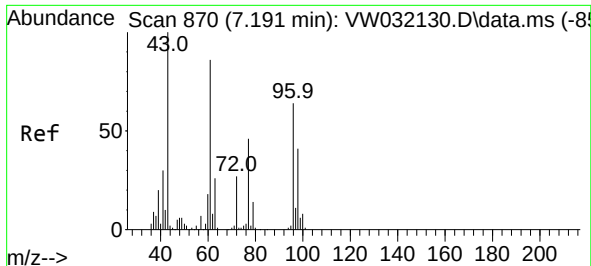
Tgt Ion: 43 Resp: 229403
Ion Ratio Lower Upper
43 100
72 27.0 21.6 32.4



#26
2,2-Dichloropropane
Concen: 49.091 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 77 Resp: 123553
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 48.939 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

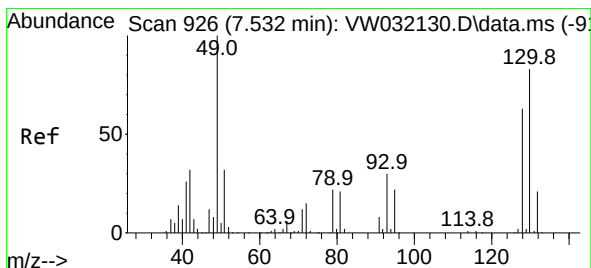
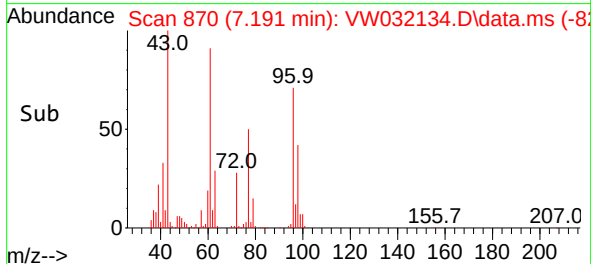
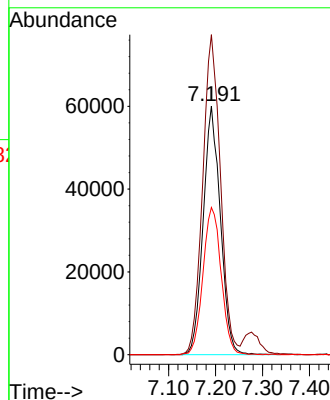
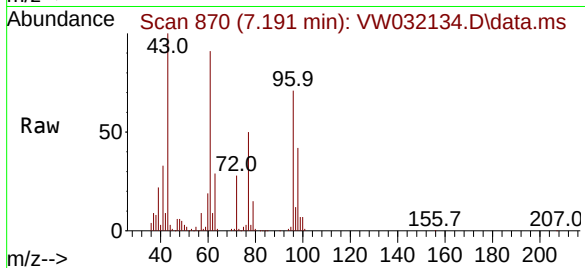
Tgt Ion: 96 Resp: 152386

Ion Ratio Lower Upper

96 100

61 133.1 0.0 266.2

98 62.7 0.0 125.4



#28

Bromochloromethane

Concen: 49.528 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

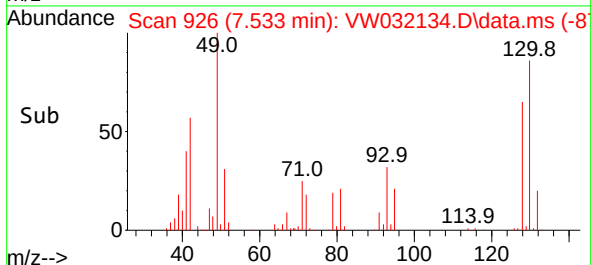
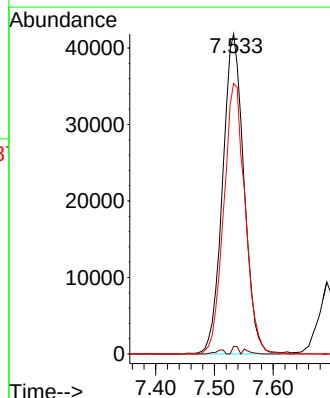
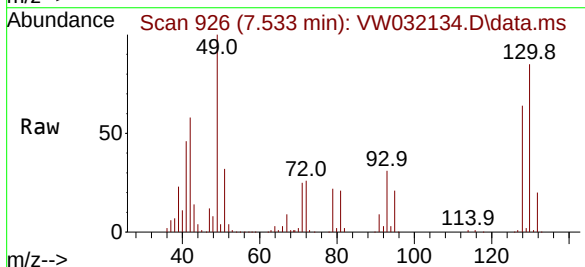
Tgt Ion: 49 Resp: 105557

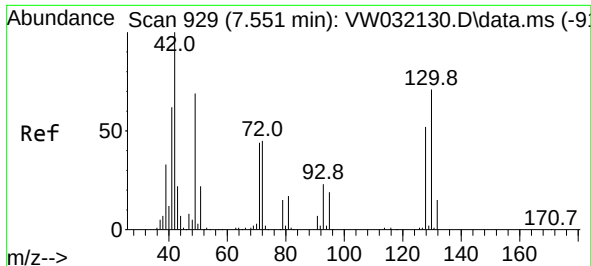
Ion Ratio Lower Upper

49 100

129 0.7 0.0 1.4

130 84.8 67.8 101.8

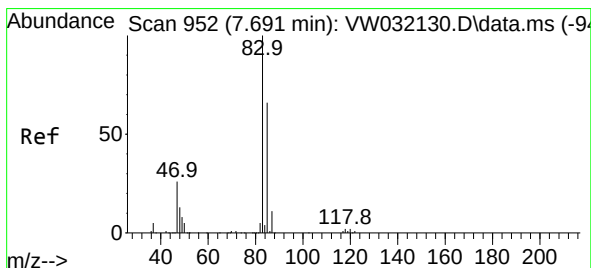
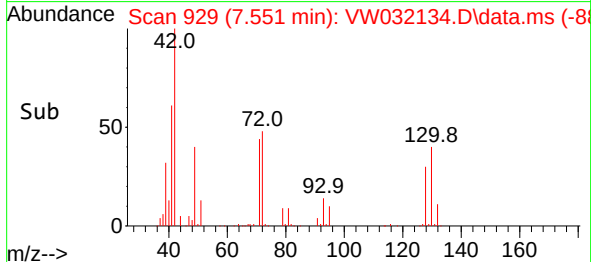
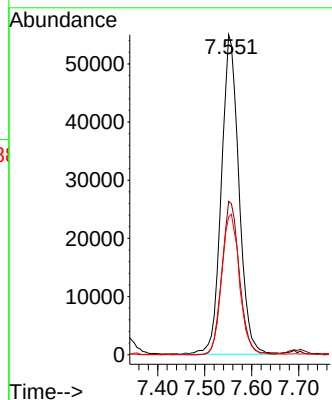
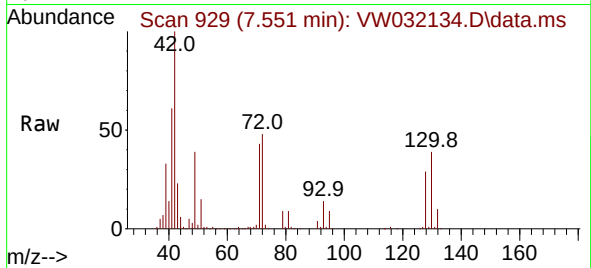




#29
Tetrahydrofuran
Concen: 232.253 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

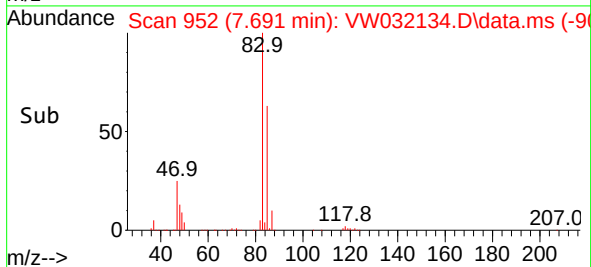
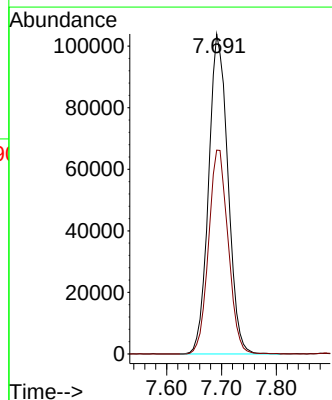
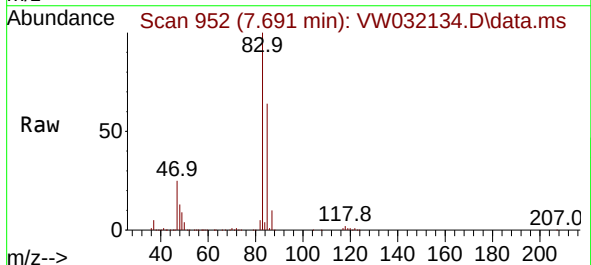
Instrument :
MSVOA_W
ClientSampleId :

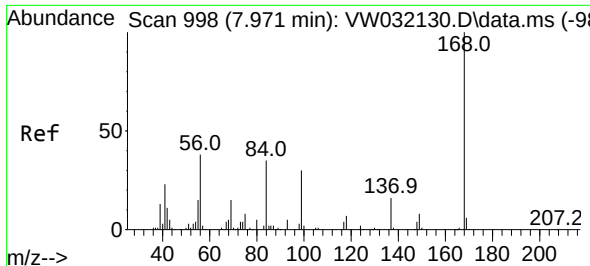
Tgt Ion: 42 Resp: 143185
Ion Ratio Lower Upper
42 100
72 47.7 38.2 57.2
71 44.8 35.8 53.8



#30
Chloroform
Concen: 48.185 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

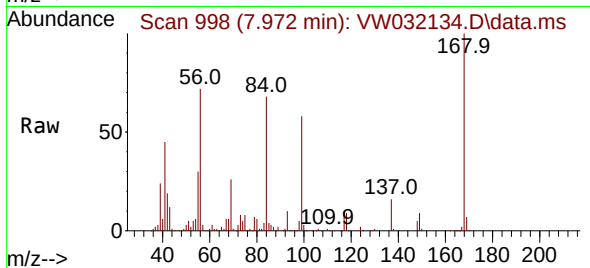
Tgt Ion: 83 Resp: 253560
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4



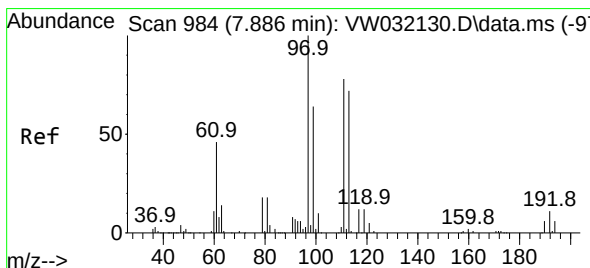
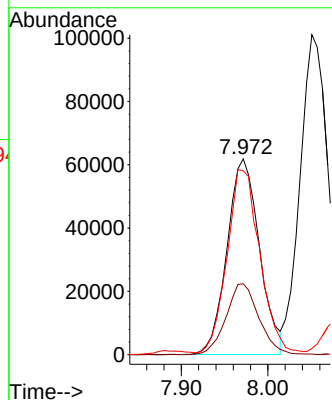
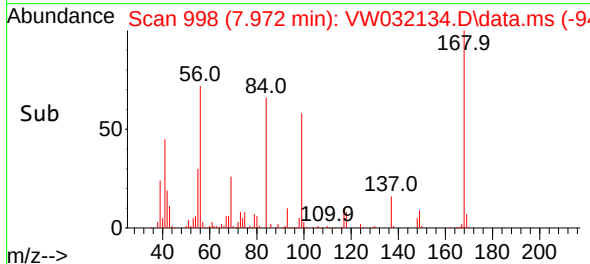


#31
Cyclohexane
Concen: 41.814 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

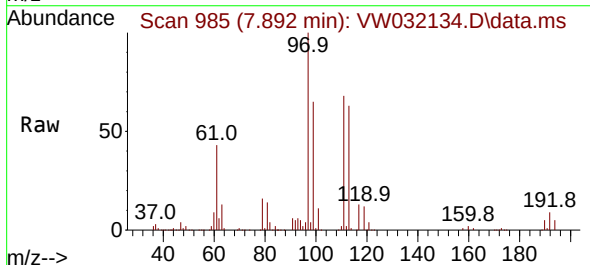
Instrument :
MSVOA_W
ClientSampleId :



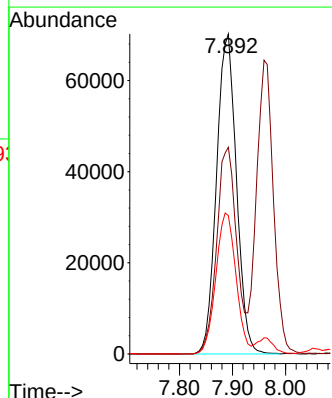
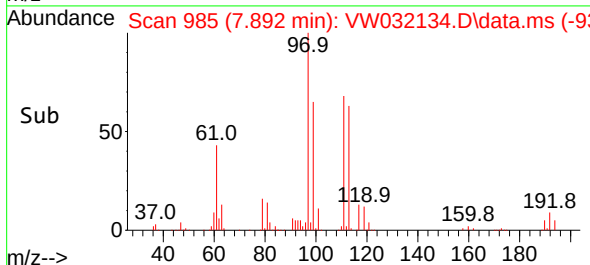
Tgt Ion: 56 Resp: 160813
Ion Ratio Lower Upper
56 100
69 36.3 29.0 43.6
84 92.1 73.7 110.5

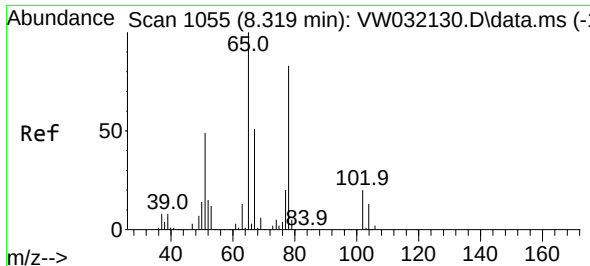


#32
1,1,1-Trichloroethane
Concen: 47.884 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16



Tgt Ion: 97 Resp: 183072
Ion Ratio Lower Upper
97 100
99 65.6 52.5 78.7
61 44.7 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 49.471 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

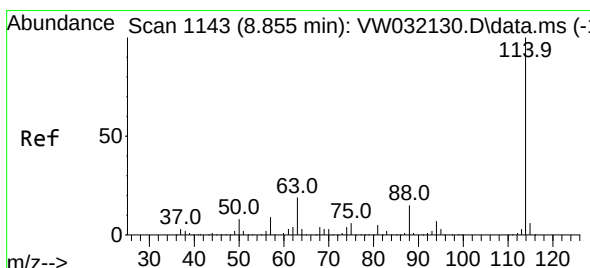
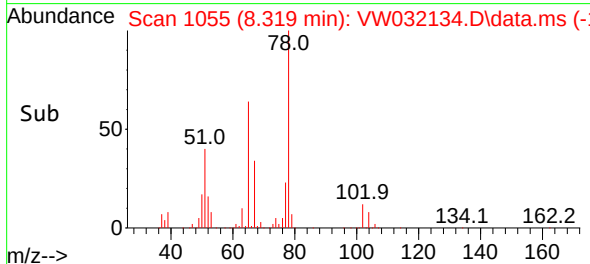
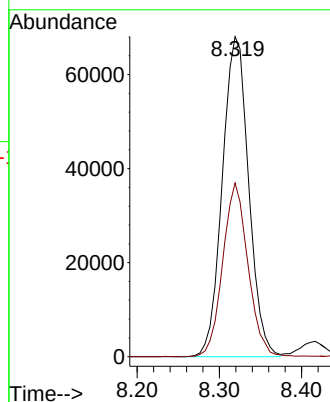
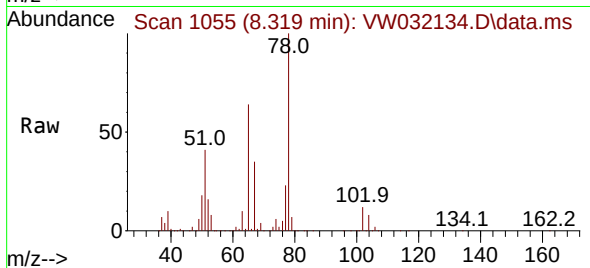
ClientSampleId :

Tgt Ion: 65 Resp: 151697

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

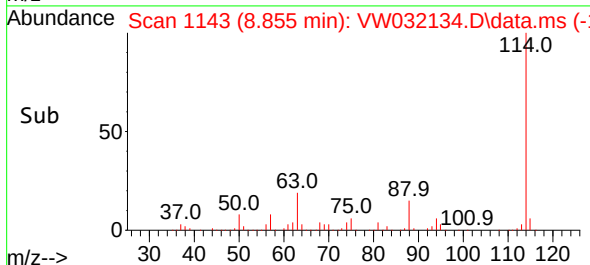
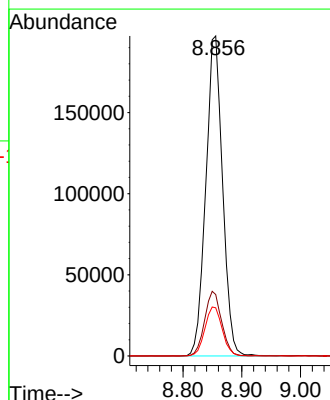
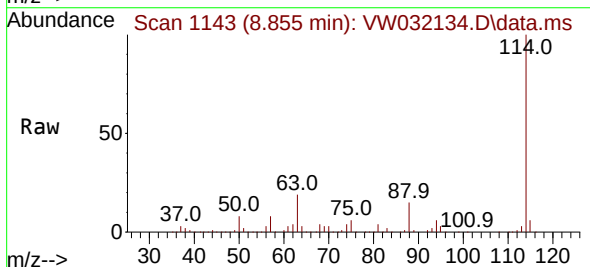
Tgt Ion: 114 Resp: 390947

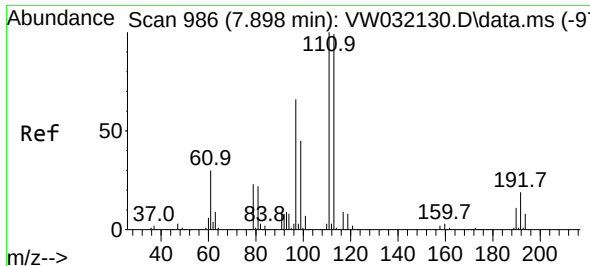
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.1 0.0 30.2

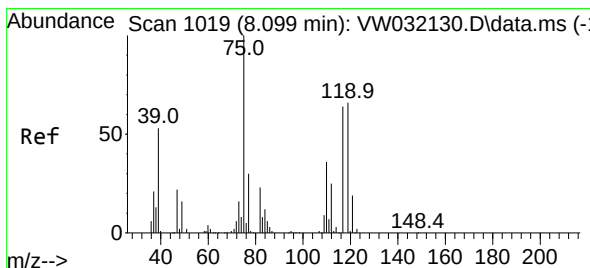
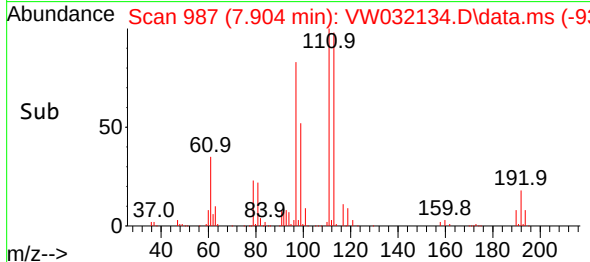
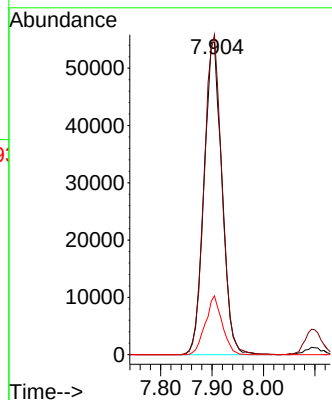
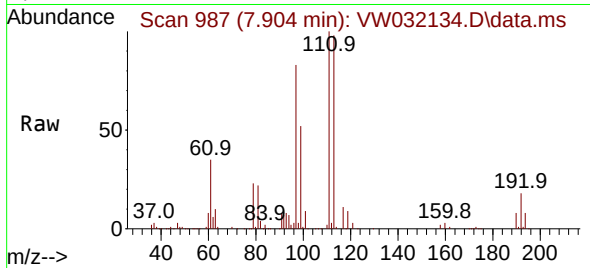




#35
 Dibromofluoromethane
 Concen: 49.795 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

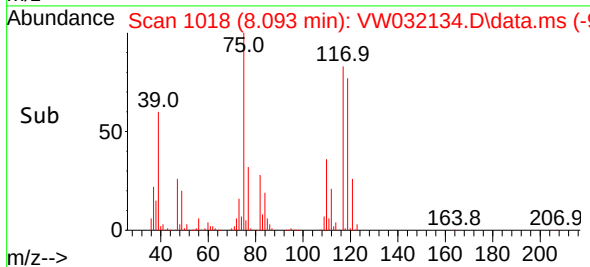
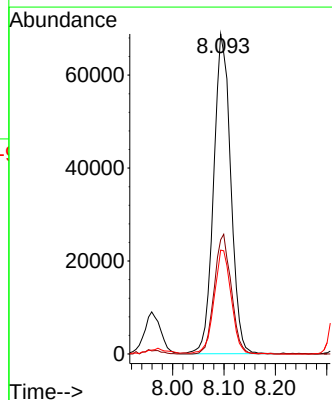
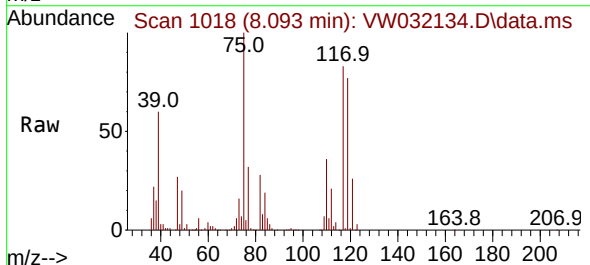
Instrument :
 MSVOA_W
 ClientSampleId :

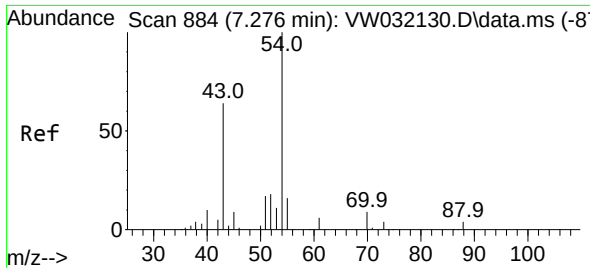
Tgt Ion:113 Resp: 132162
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.2 121.8
 192 17.7 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 45.555 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

Tgt Ion: 75 Resp: 159309
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.4 55.4
 77 32.1 25.7 38.5

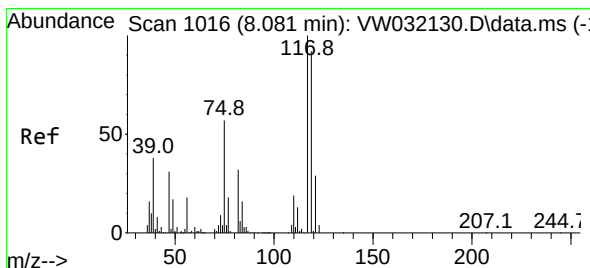
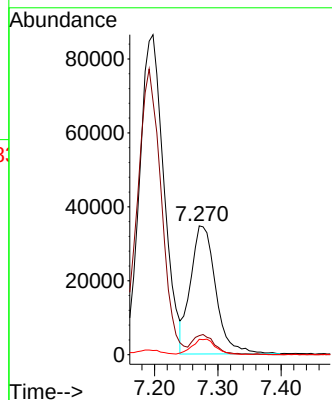
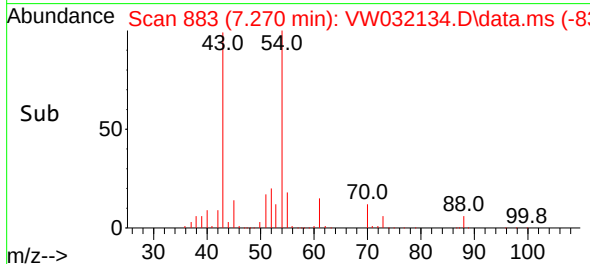
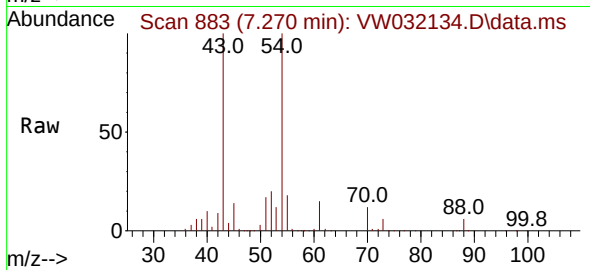




#37
Ethyl Acetate
Concen: 44.705 ug/l
RT: 7.270 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

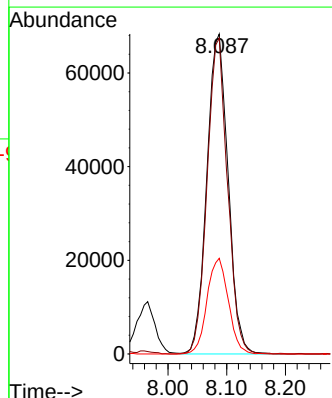
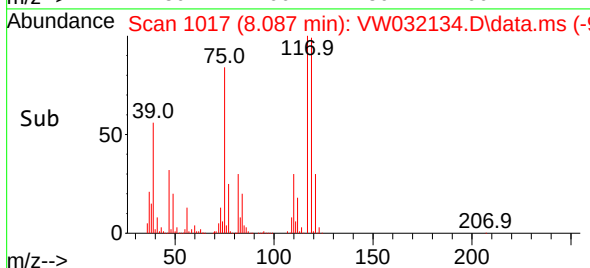
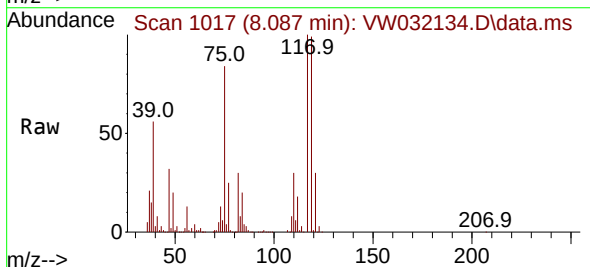
Instrument :
MSVOA_W
ClientSampleId :

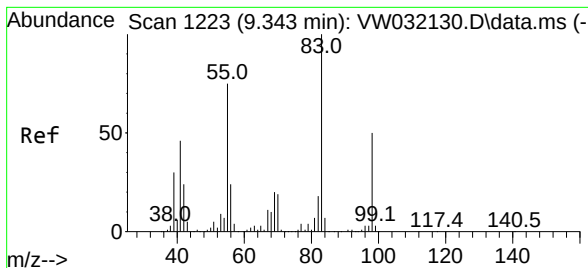
Tgt Ion: 43 Resp: 96053
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 46.356 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 117 Resp: 171845
Ion Ratio Lower Upper
117 100
119 98.6 78.9 118.3
121 29.9 23.9 35.9

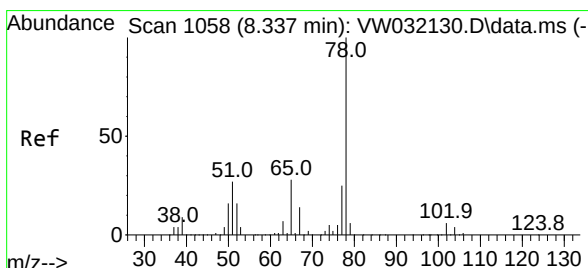
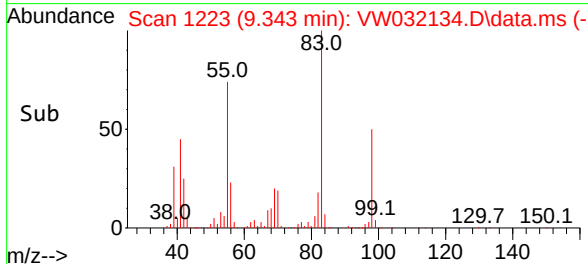
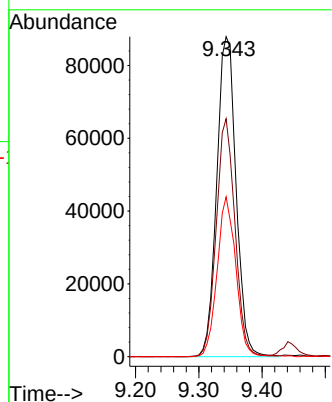
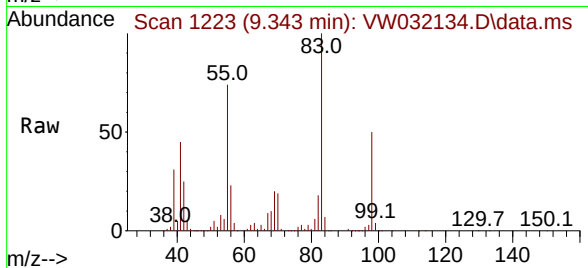




#39
Methylcyclohexane
Concen: 44.835 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

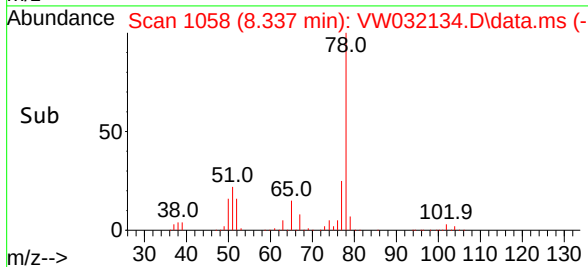
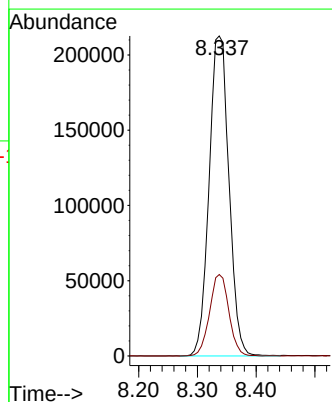
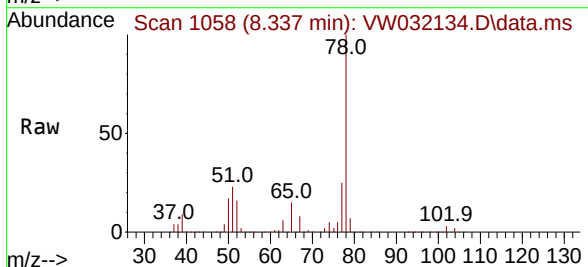
Instrument :
MSVOA_W
ClientSampleId :

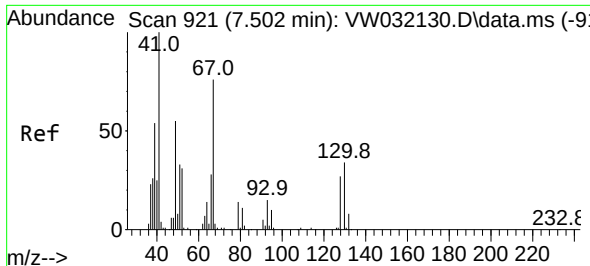
Tgt Ion: 83 Resp: 186470
Ion Ratio Lower Upper
83 100
55 74.4 59.5 89.3
98 49.9 39.9 59.9



#40
Benzene
Concen: 46.352 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

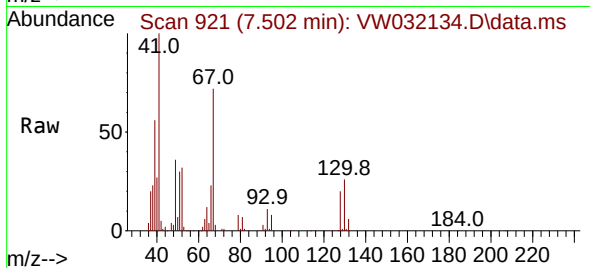
Tgt Ion: 78 Resp: 499163
Ion Ratio Lower Upper
78 100
77 25.5 20.4 30.6



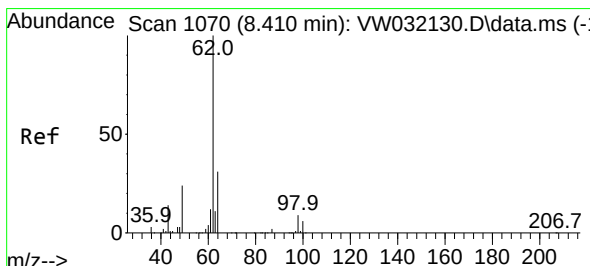
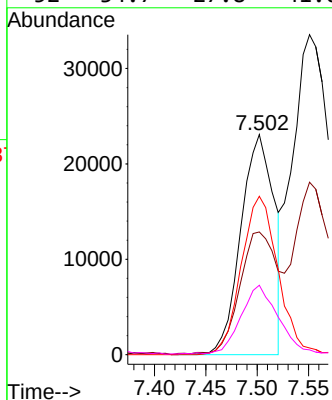
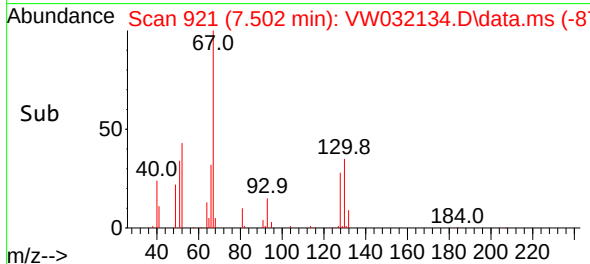


#41
Methacrylonitrile
Concen: 44.439 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

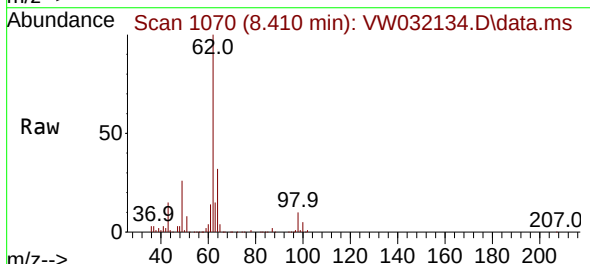
Instrument :
MSVOA_W
ClientSampleId :



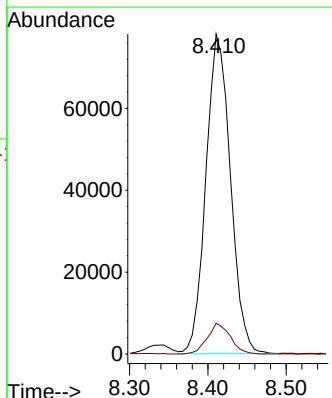
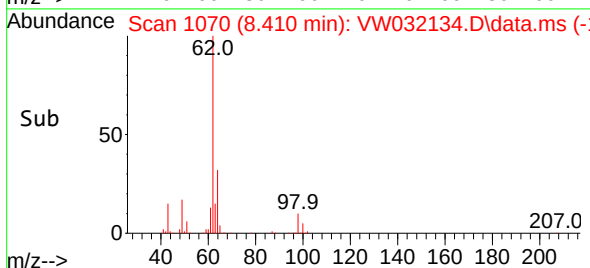
Tgt Ion:	41	Resp:	52019
Ion	Ratio	Lower	Upper
41	100		
39	65.8	52.6	79.0
67	79.8	63.8	95.8
52	34.7	27.8	41.6

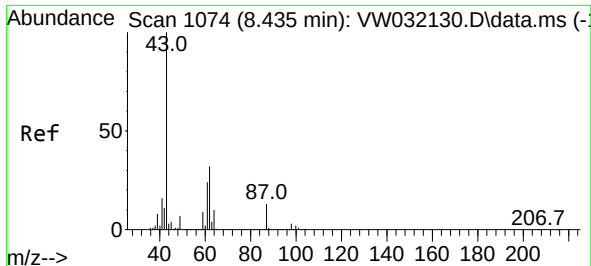


#42
1,2-Dichloroethane
Concen: 45.335 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16



Tgt Ion:	62	Resp:	169842
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

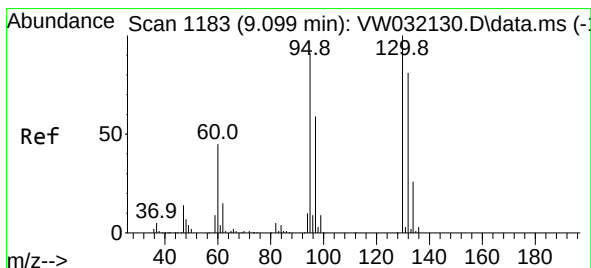
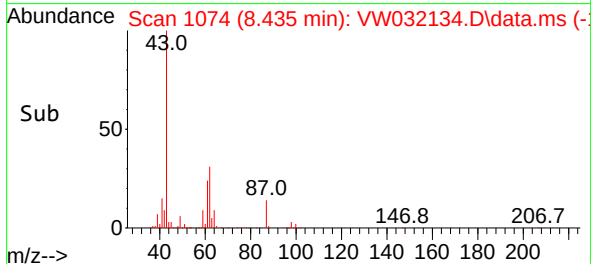
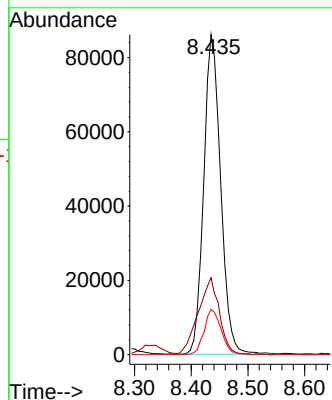
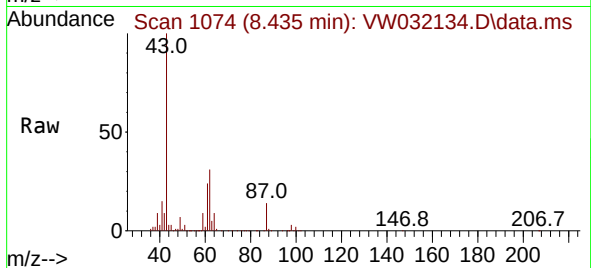




#43
Isopropyl Acetate
Concen: 45.165 ug/l
RT: 8.435 min Scan# 110
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

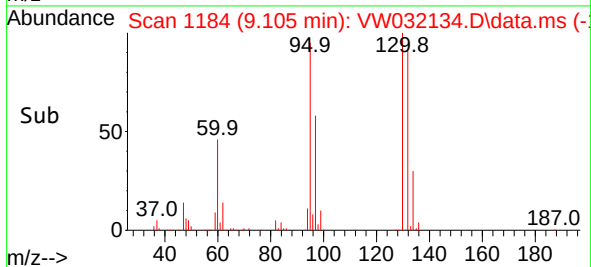
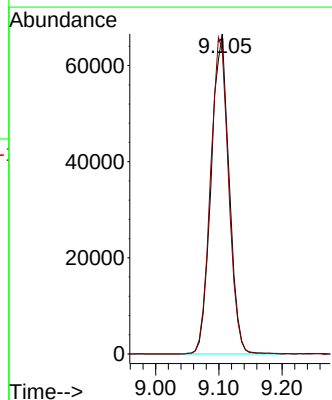
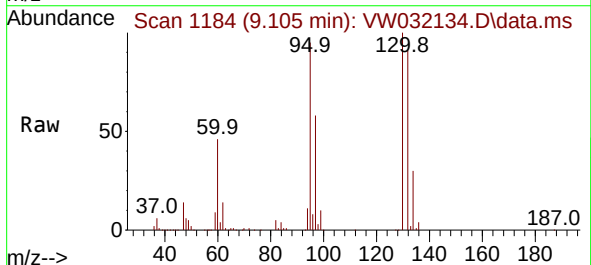
Instrument :
MSVOA_W
ClientSampleId :

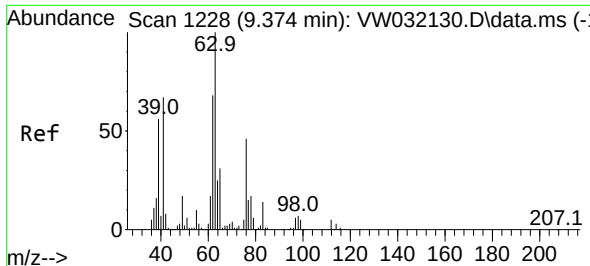
Tgt Ion: 43 Resp: 178843
Ion Ratio Lower Upper
43 100
61 30.0 24.0 36.0
87 14.3 11.4 17.2



#44
Trichloroethene
Concen: 47.273 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion:130 Resp: 131139
Ion Ratio Lower Upper
130 100
95 95.0 0.0 190.0

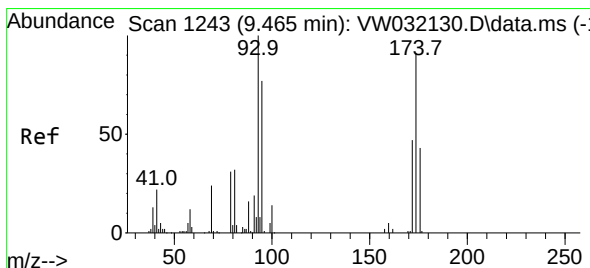
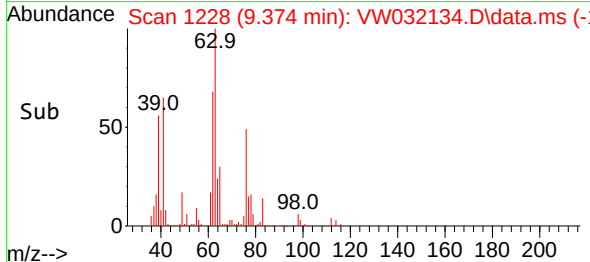
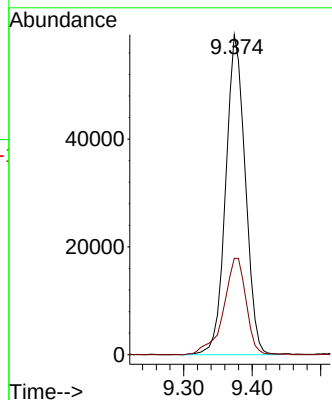
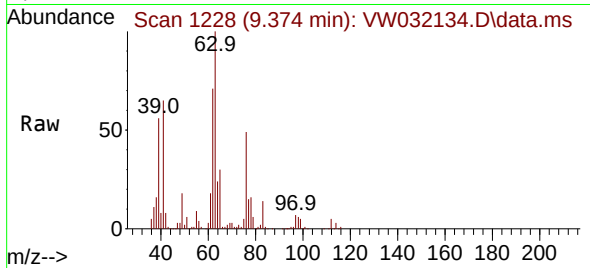




#45
1,2-Dichloropropane
Concen: 45.379 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

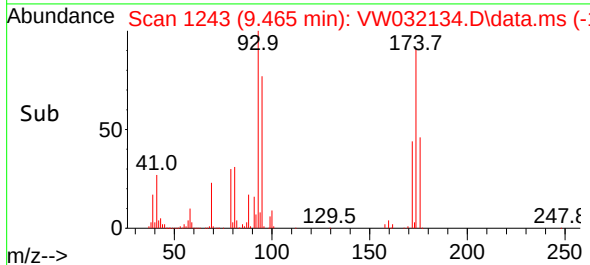
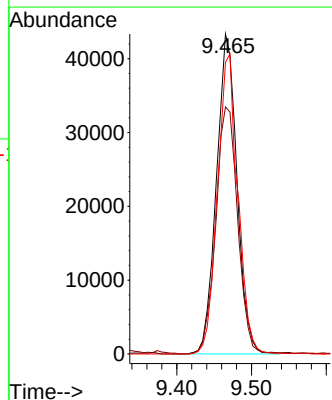
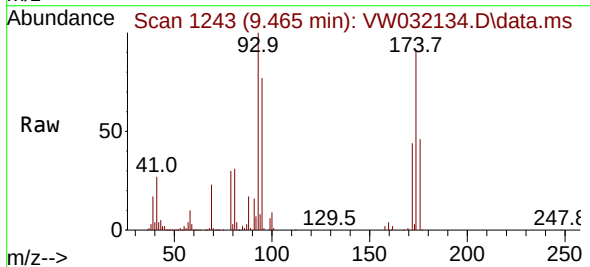
Instrument :
MSVOA_W
ClientSampleId :

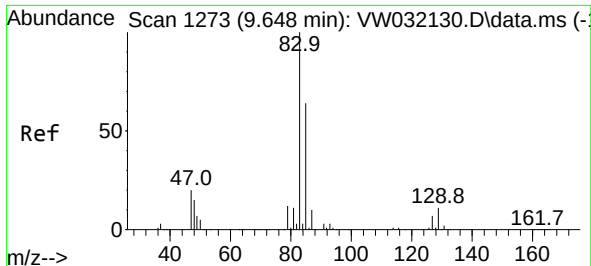
Tgt Ion: 63 Resp: 117655
Ion Ratio Lower Upper
63 100
65 30.1 24.1 36.1



#46
Dibromomethane
Concen: 45.956 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

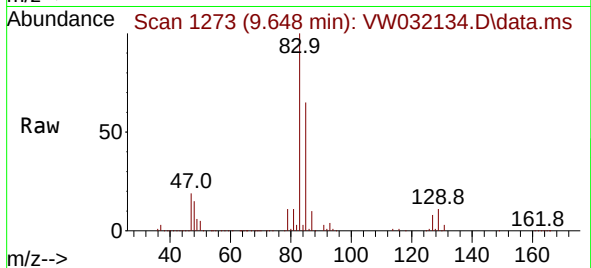
Tgt Ion: 93 Resp: 83099
Ion Ratio Lower Upper
93 100
95 82.1 65.7 98.5
174 92.7 74.2 111.2



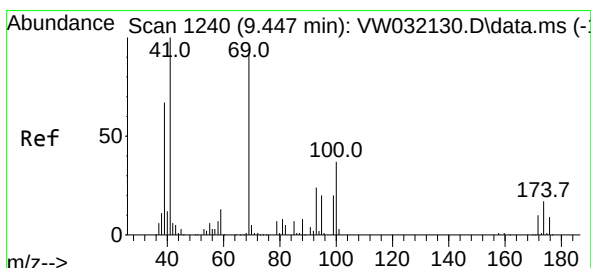
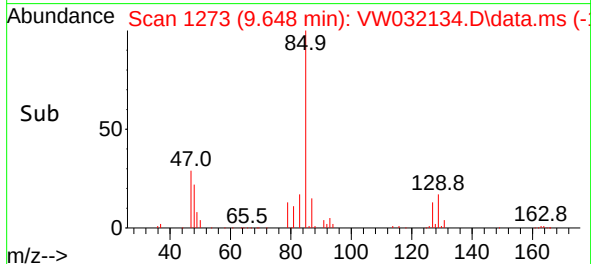
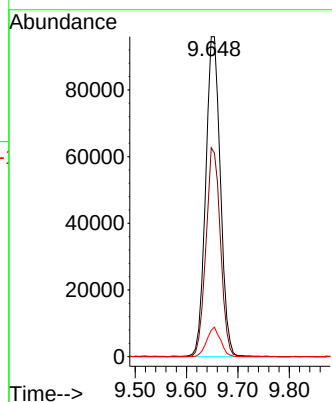


#47
 Bromodichloromethane
 Concen: 46.468 ug/l
 RT: 9.648 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

Instrument :
 MSVOA_W
 ClientSampleId :

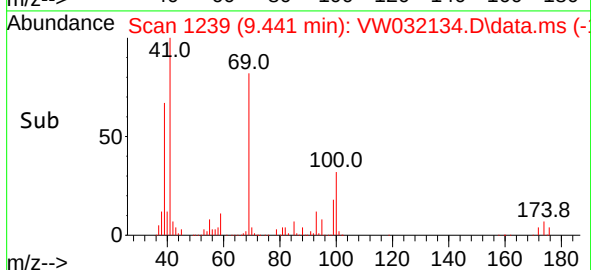
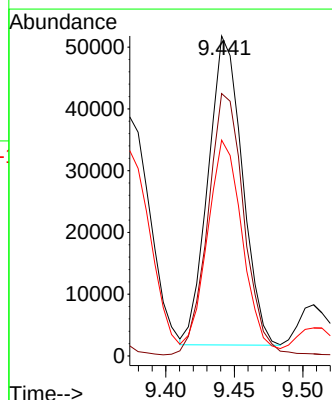
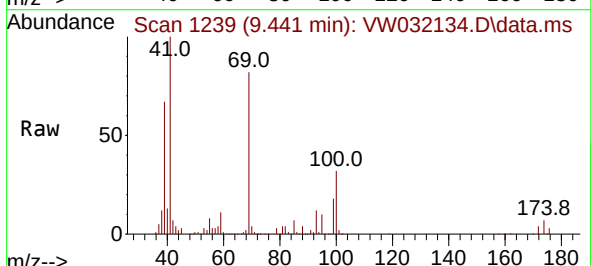


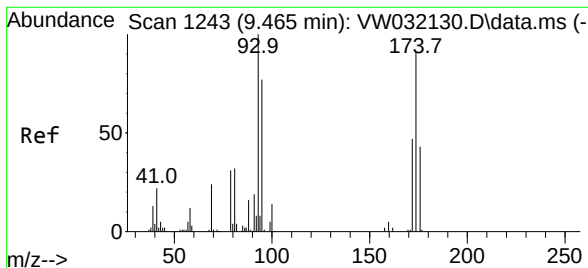
Tgt Ion: 83 Resp: 190477
 Ion Ratio Lower Upper
 83 100
 85 65.3 52.2 78.4
 127 8.2 6.6 9.8



#48
 Methyl methacrylate
 Concen: 46.662 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

Tgt Ion: 41 Resp: 86812
 Ion Ratio Lower Upper
 41 100
 69 90.5 72.4 108.6
 39 72.3 57.8 86.8





#49

1,4-Dioxane

Concen: 845.554 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

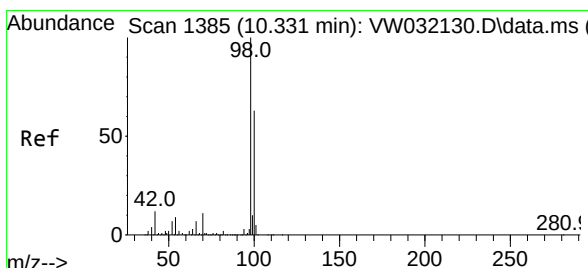
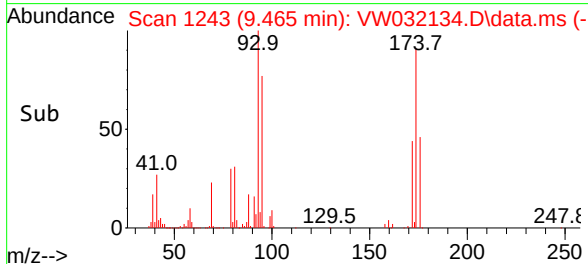
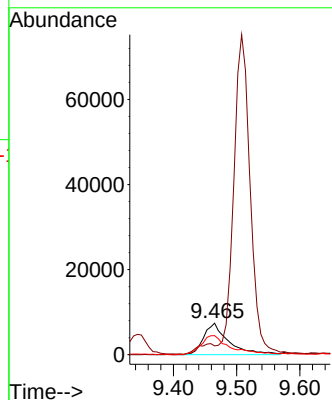
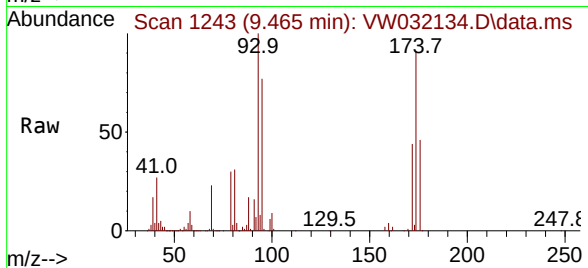
Tgt Ion: 88 Resp: 20258

Ion Ratio Lower Upper

88 100

43 23.5 18.8 28.2

58 69.9 55.9 83.9



#50

Toluene-d8

Concen: 51.447 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032134.D

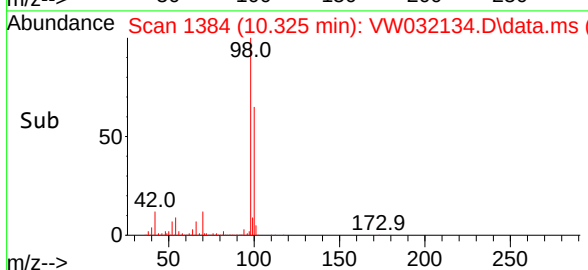
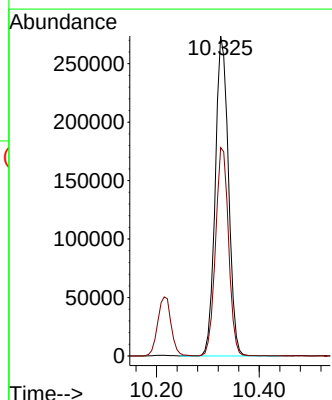
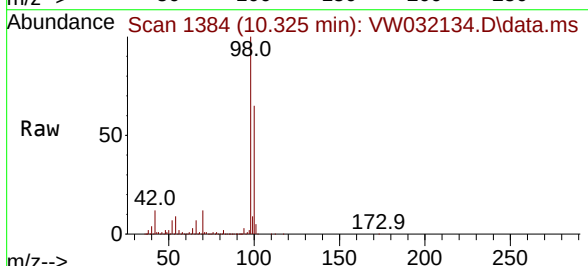
Acq: 25 Aug 2025 15:16

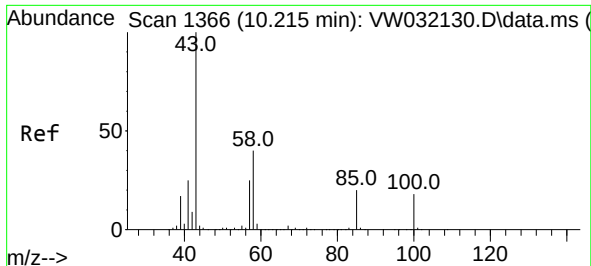
Tgt Ion: 98 Resp: 487180

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2

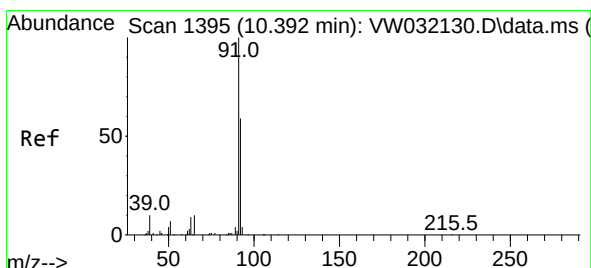
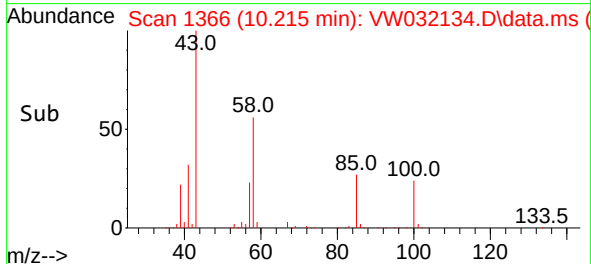
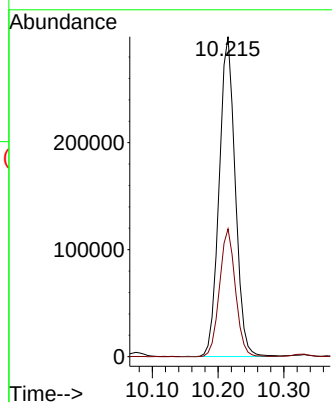
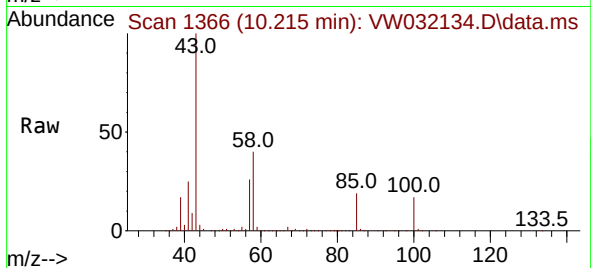




#51
4-Methyl-2-Pentanone
Concen: 228.265 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

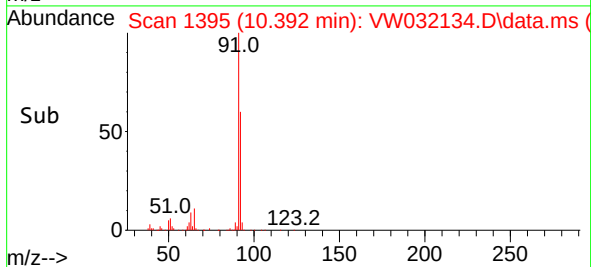
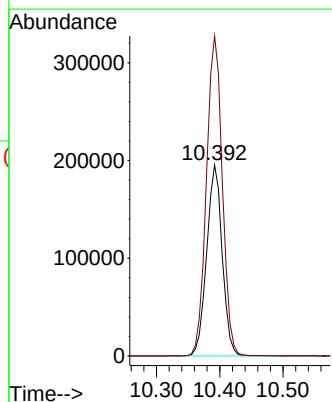
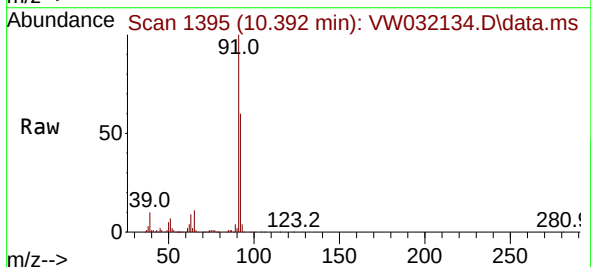
Instrument :
MSVOA_W
ClientSampleId :

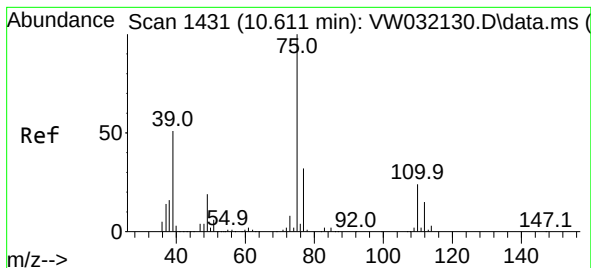
Tgt Ion: 43 Resp: 509308
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4



#52
Toluene
Concen: 47.631 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 92 Resp: 333369
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

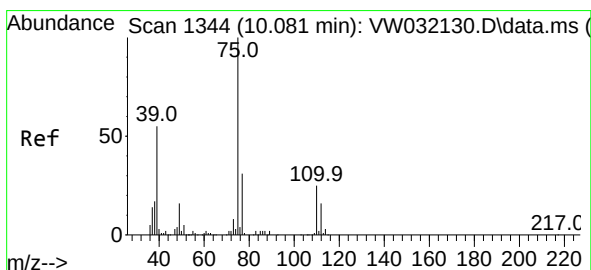
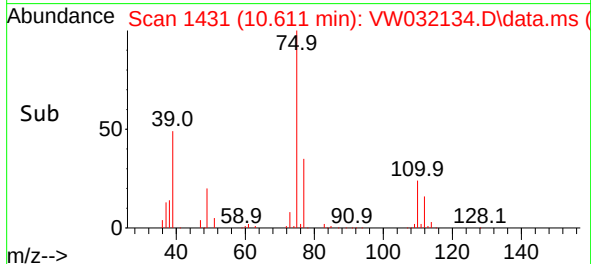
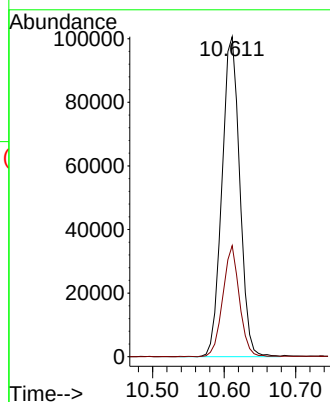
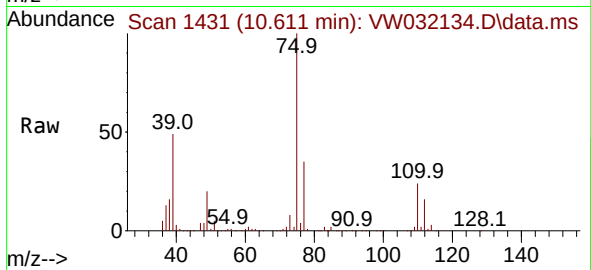




#53
 t-1,3-Dichloropropene
 Concen: 47.232 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

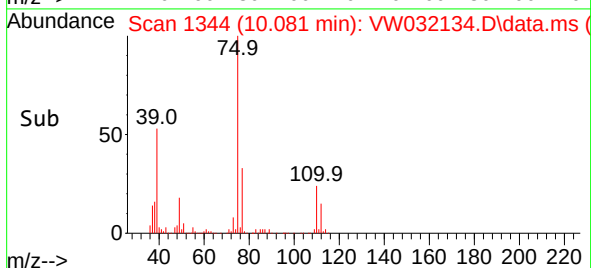
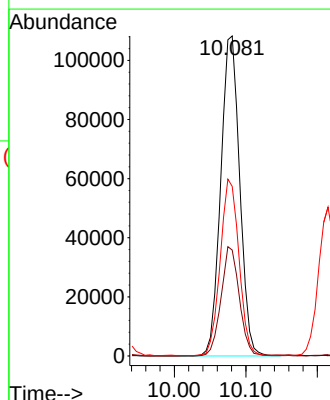
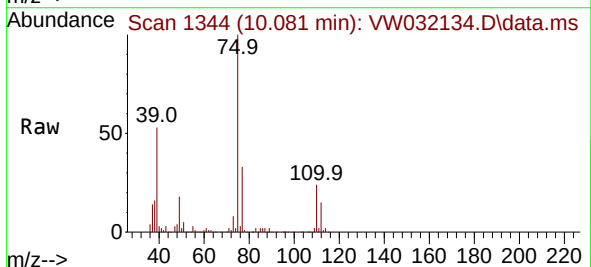
Instrument :
 MSVOA_W
 ClientSampleId :

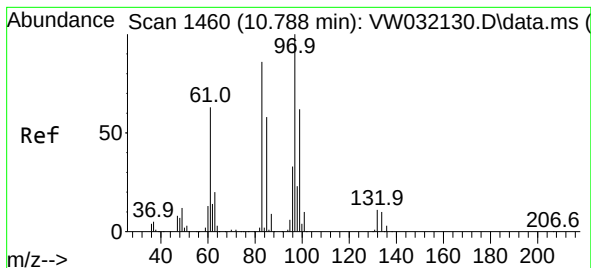
Tgt Ion: 75 Resp: 173950
 Ion Ratio Lower Upper
 75 100
 77 34.6 27.7 41.5



#54
 cis-1,3-Dichloropropene
 Concen: 47.420 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

Tgt Ion: 75 Resp: 199237
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.5 39.7
 39 52.8 42.2 63.4

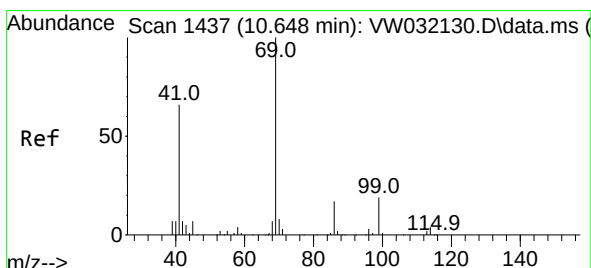
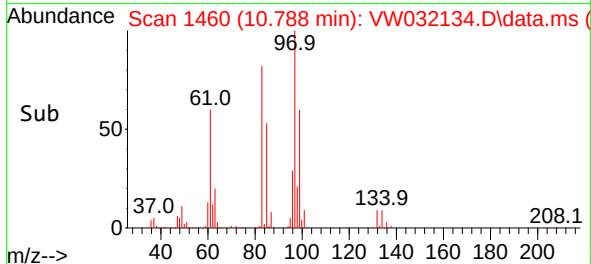
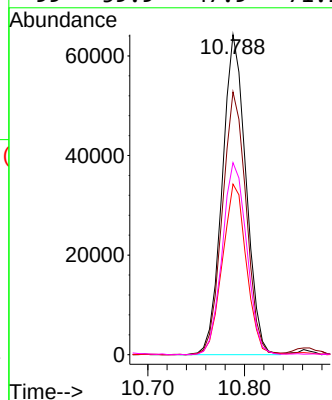
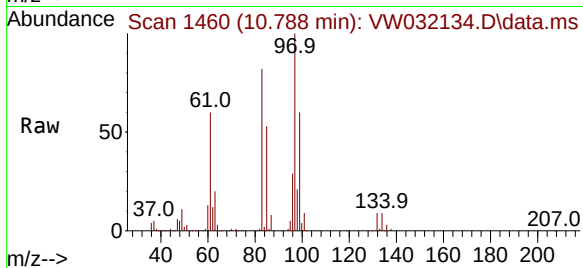




#55
 1,1,2-Trichloroethane
 Concen: 46.293 ug/l
 RT: 10.788 min Scan# 1460
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

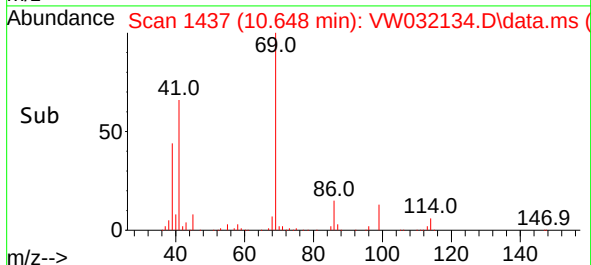
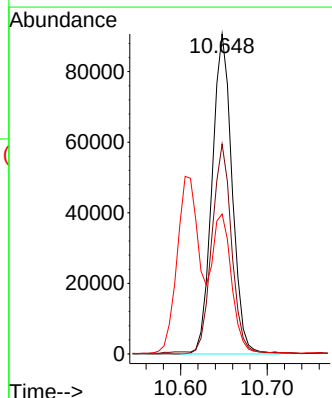
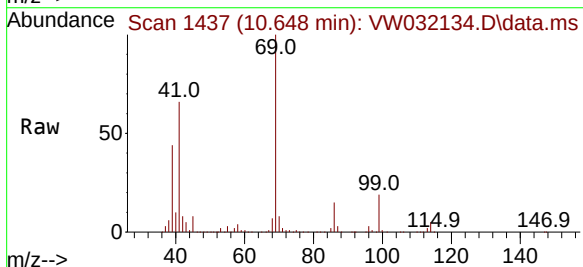
Instrument :
 MSVOA_W
 ClientSampleId :

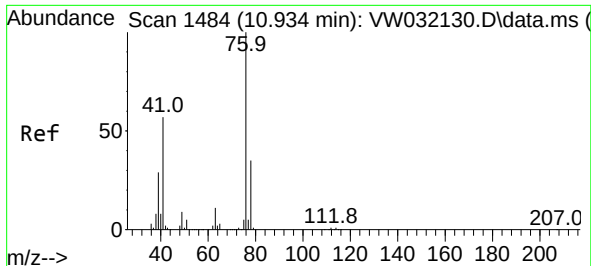
Tgt Ion:	97	Resp:	109319
Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.6	98.4
85	53.2	42.6	63.8
99	59.9	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 47.477 ug/l
 RT: 10.648 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: VW032134.D
 Acq: 25 Aug 2025 15:16

Tgt Ion:	69	Resp:	145356
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.5	78.7
39	41.5	33.2	49.8





#57

1,3-Dichloropropane

Concen: 45.584 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

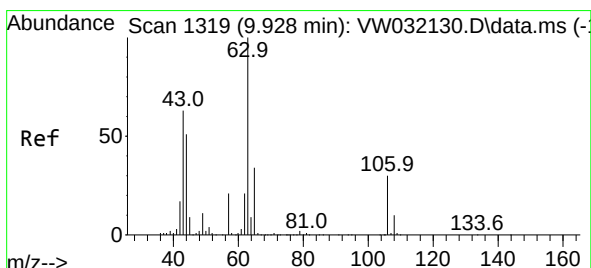
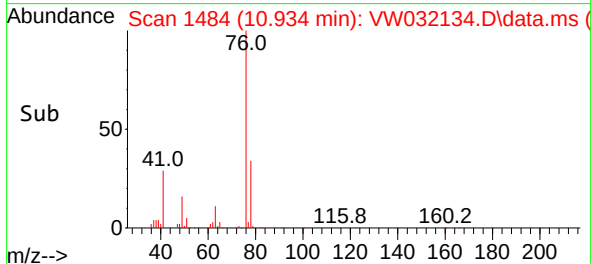
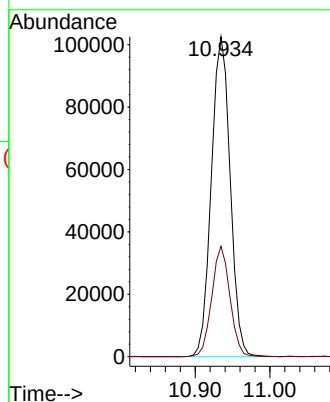
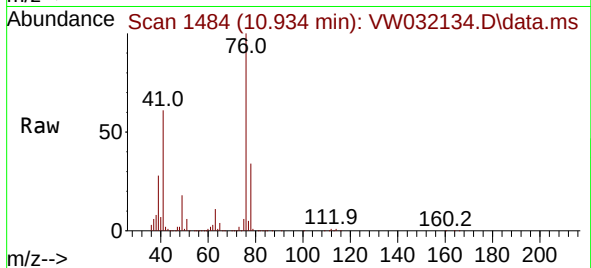
ClientSampleId :

Tgt Ion: 76 Resp: 179666

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 246.455 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032134.D

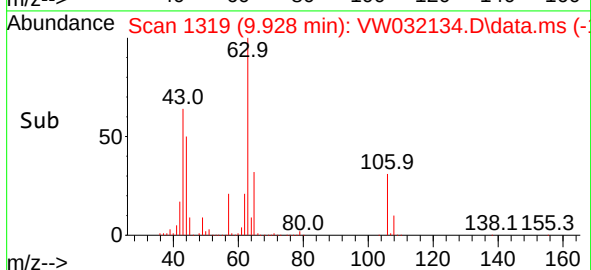
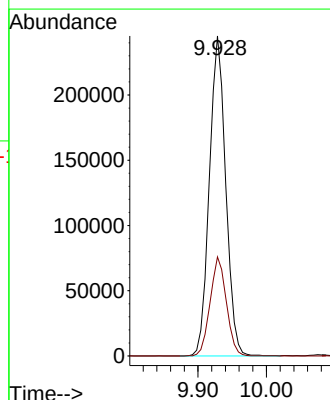
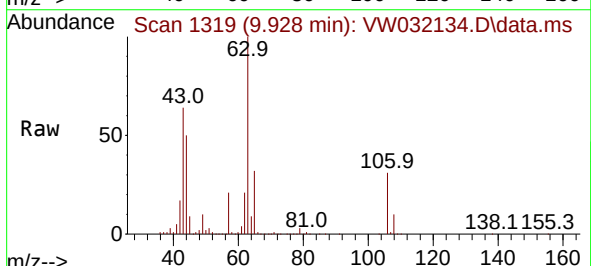
Acq: 25 Aug 2025 15:16

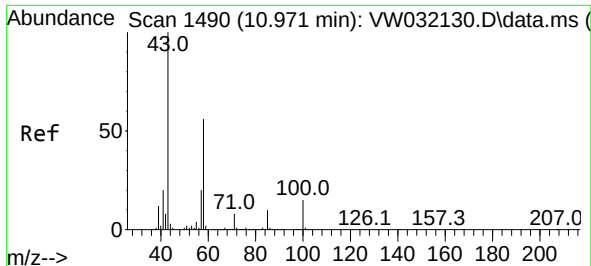
Tgt Ion: 63 Resp: 406769

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8

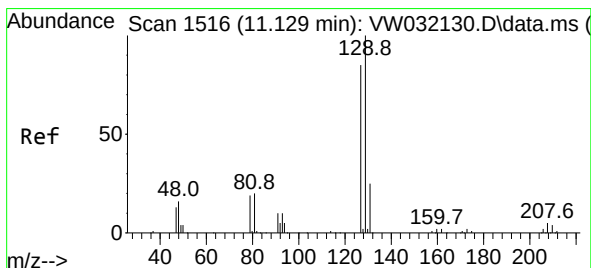
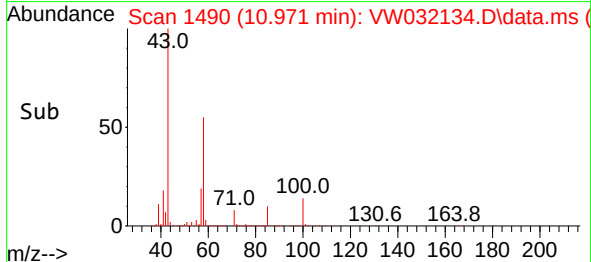
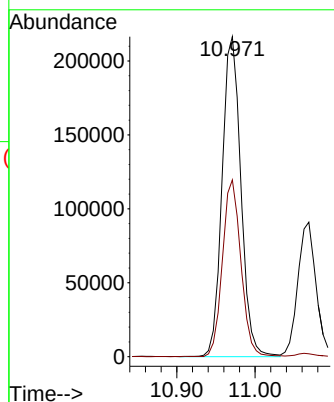
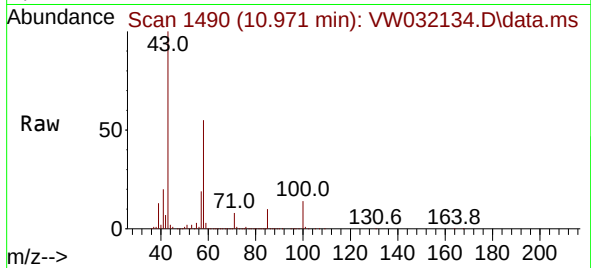




#59
2-Hexanone
Concen: 227.846 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

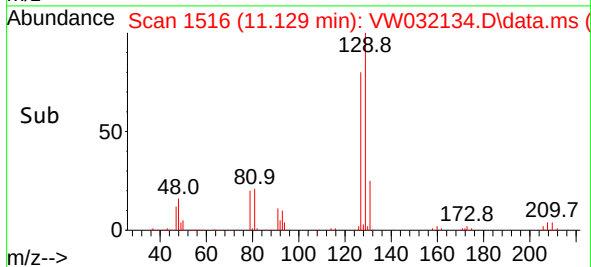
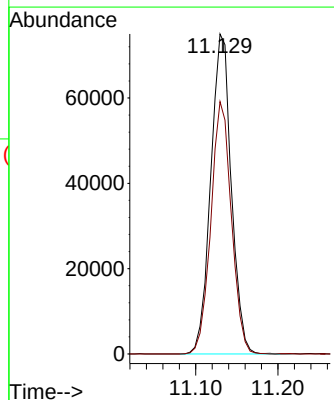
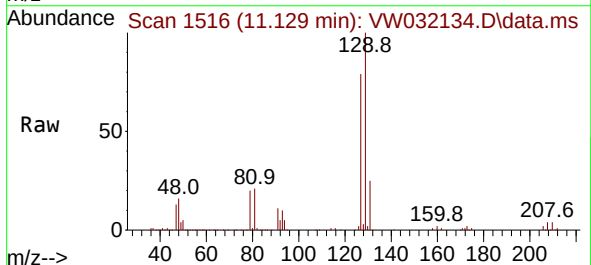
Instrument :
MSVOA_W
ClientSampleId :

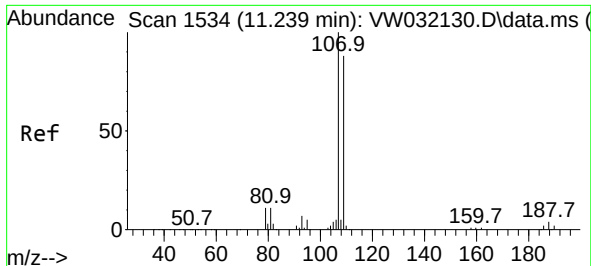
Tgt Ion: 43 Resp: 361520
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.2



#60
Dibromochloromethane
Concen: 45.528 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

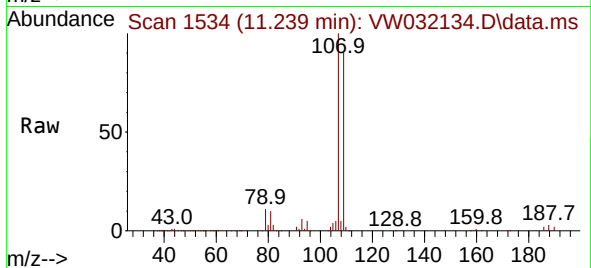
Tgt Ion:129 Resp: 130251
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8



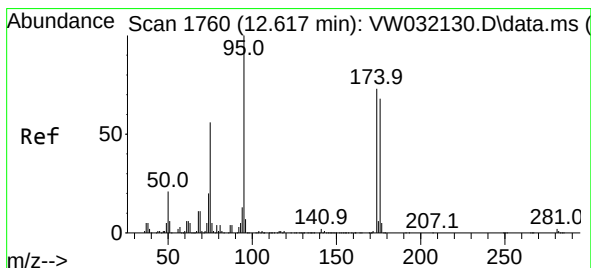
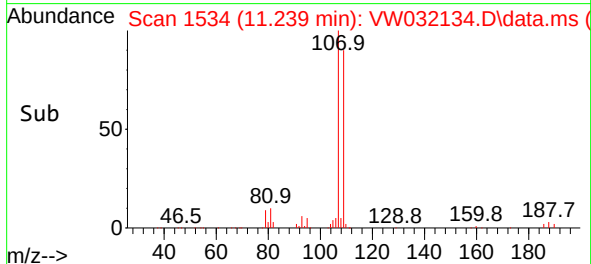
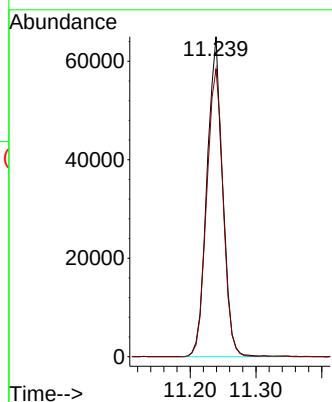


#61
1,2-Dibromoethane
Concen: 45.887 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Instrument :
MSVOA_W
ClientSampleId :

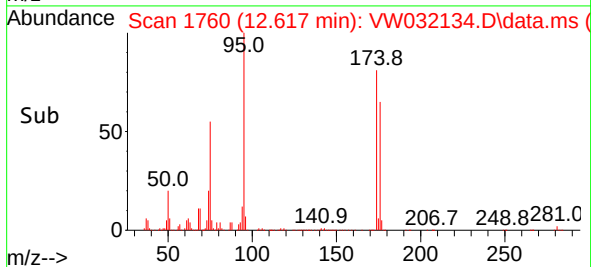
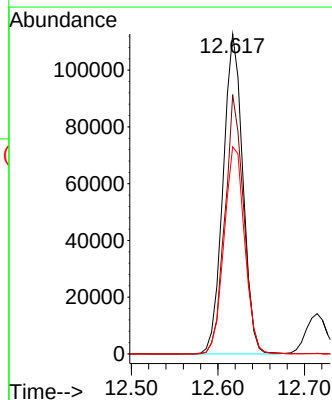
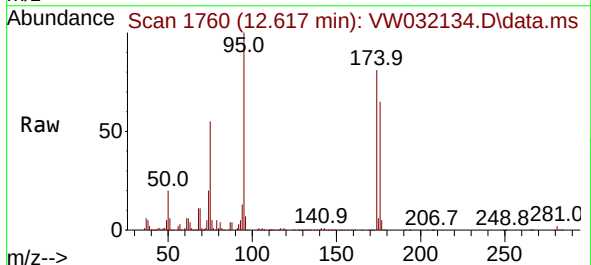


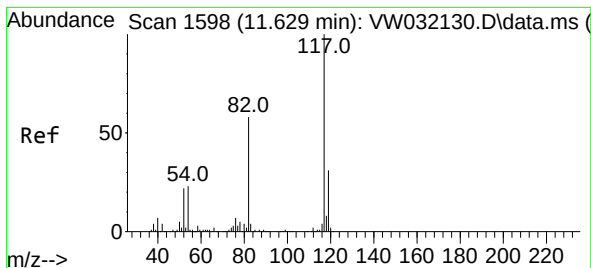
Tgt Ion:107 Resp: 107560
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.882 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion: 95 Resp: 178845
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.0
176 67.6 0.0 135.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

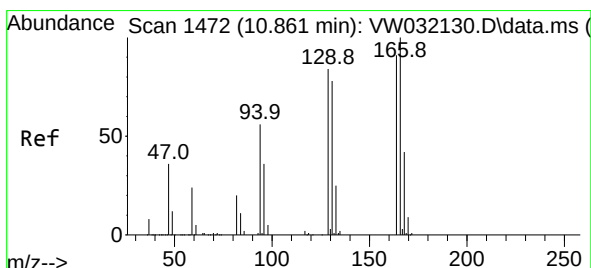
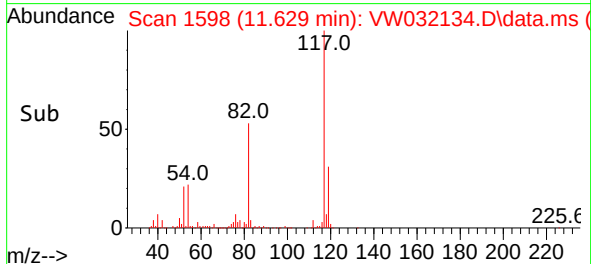
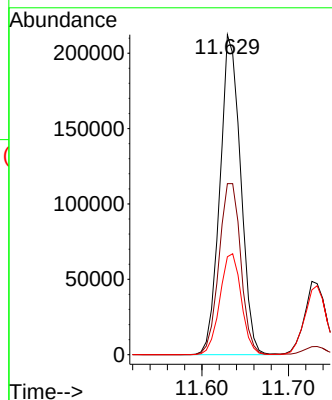
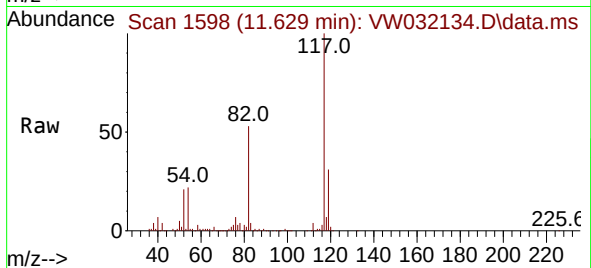
Tgt Ion:117 Resp: 352743

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

119 30.6 24.5 36.7



#64

Tetrachloroethene

Concen: 45.126 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Tgt Ion:164 Resp: 105751

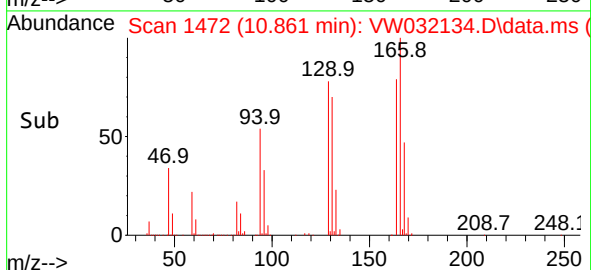
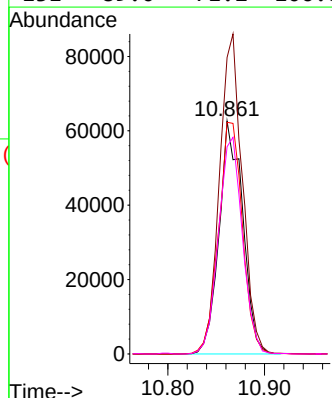
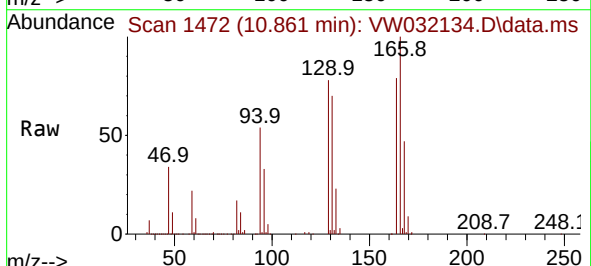
Ion Ratio Lower Upper

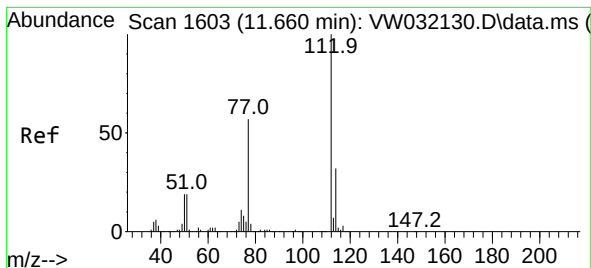
164 100

166 127.4 101.9 152.9

129 99.5 79.6 119.4

131 89.0 71.2 106.8





#65

Chlorobenzene

Concen: 46.888 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

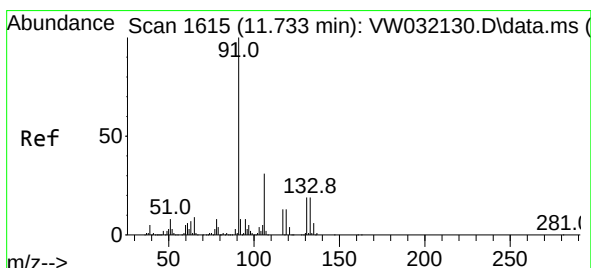
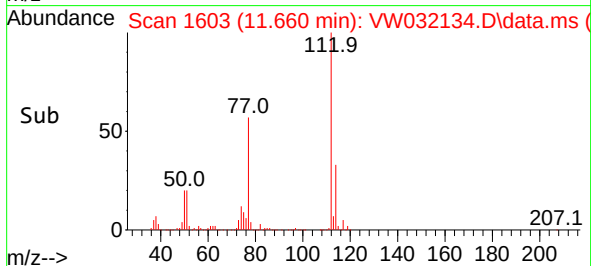
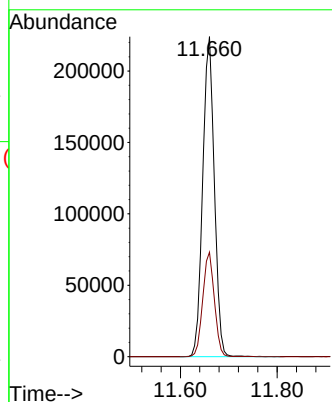
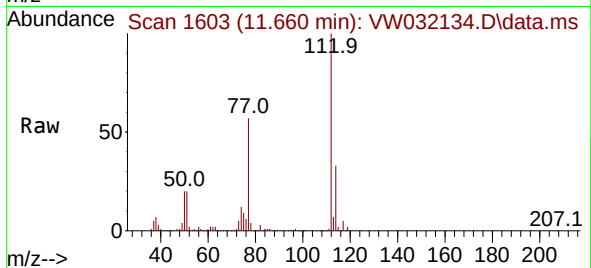
ClientSampleId :

Tgt Ion:112 Resp: 373840

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 47.592 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

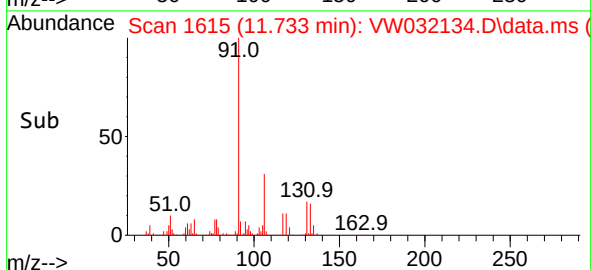
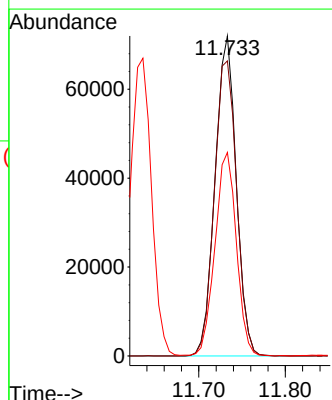
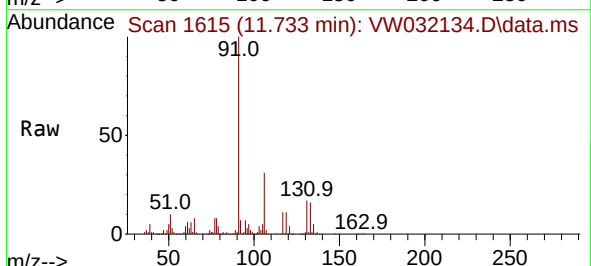
Tgt Ion:131 Resp: 122411

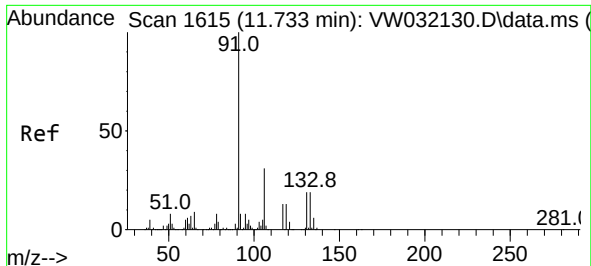
Ion Ratio Lower Upper

131 100

133 96.9 48.4 145.3

119 64.4 32.2 96.6





#67

Ethyl Benzene

Concen: 49.777 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

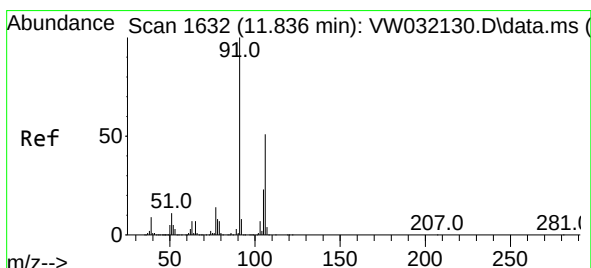
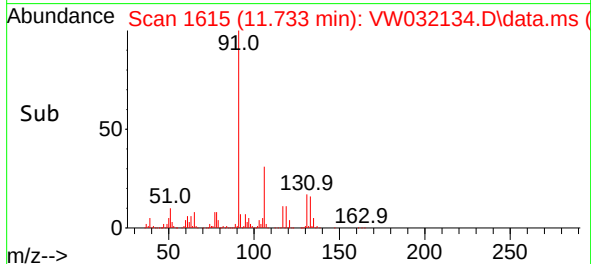
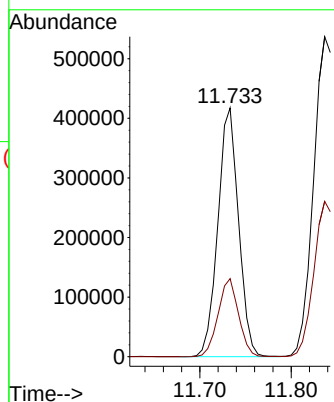
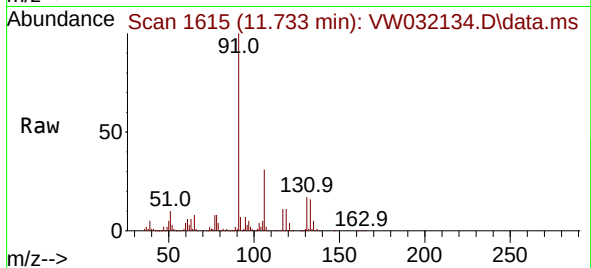
ClientSampleId :

Tgt Ion: 91 Resp: 656420

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 97.970 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032134.D

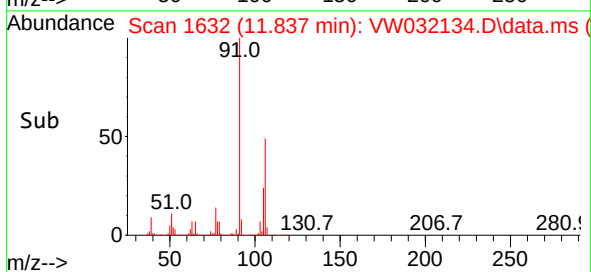
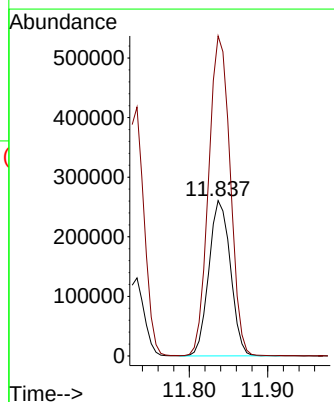
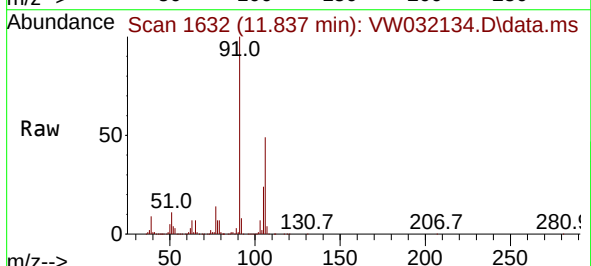
Acq: 25 Aug 2025 15:16

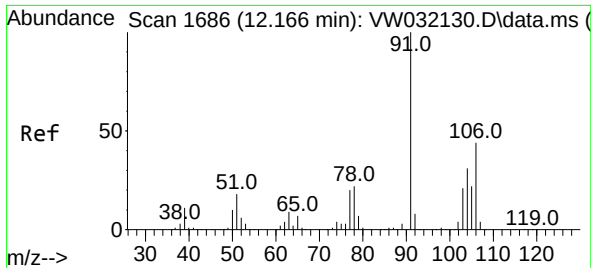
Tgt Ion:106 Resp: 498514

Ion Ratio Lower Upper

106 100

91 206.6 165.3 247.9

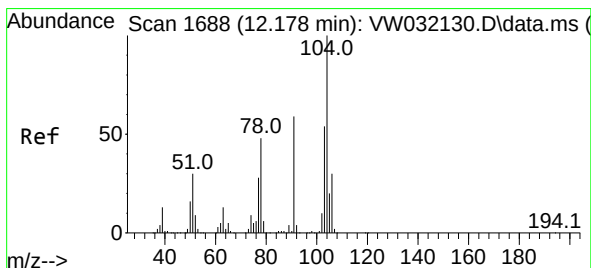
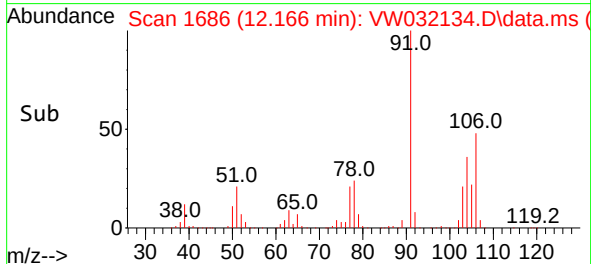
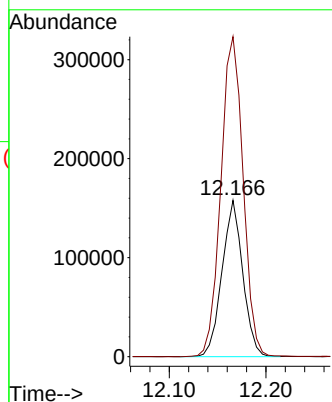
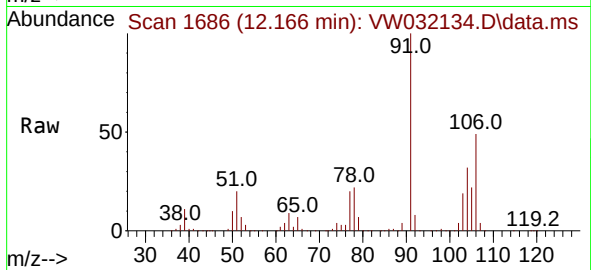




#69
o-Xylene
Concen: 48.803 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

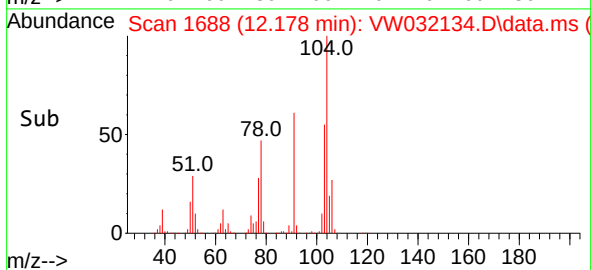
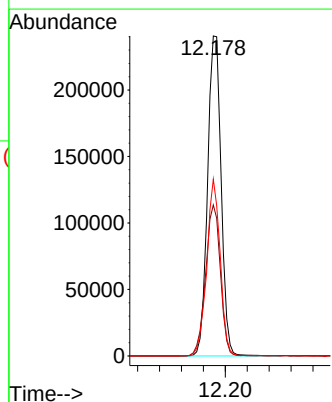
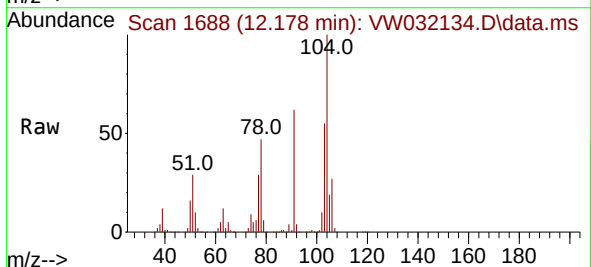
Instrument :
MSVOA_W
ClientSampleId :

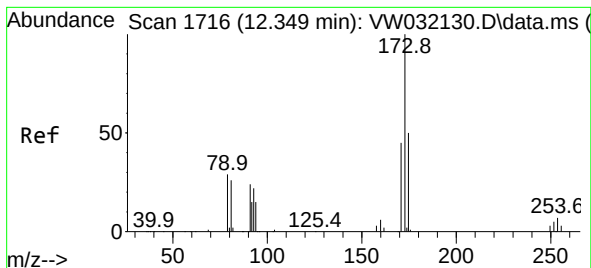
Tgt Ion:106 Resp: 235161
Ion Ratio Lower Upper
106 100
91 219.5 109.7 329.2



#70
Styrene
Concen: 49.275 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032134.D
Acq: 25 Aug 2025 15:16

Tgt Ion:104 Resp: 411633
Ion Ratio Lower Upper
104 100
78 51.4 41.1 61.7
103 54.6 43.7 65.5





#71

Bromoform

Concen: 48.422 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032134.D

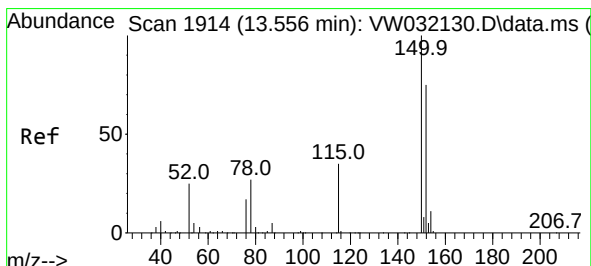
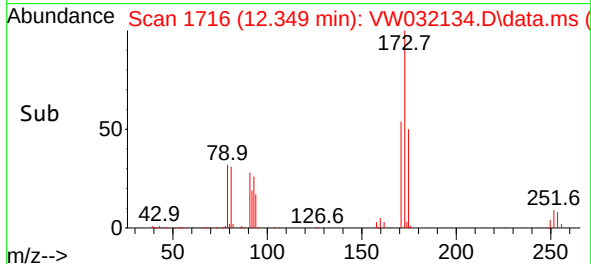
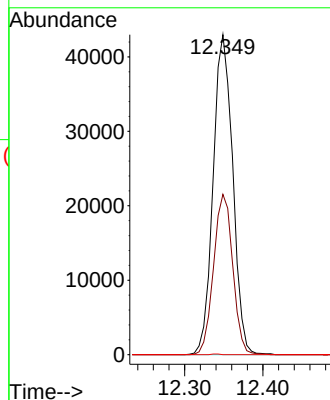
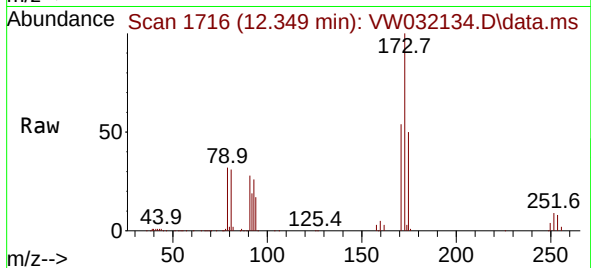
Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	74748
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.5 73.5
254	0.1	0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

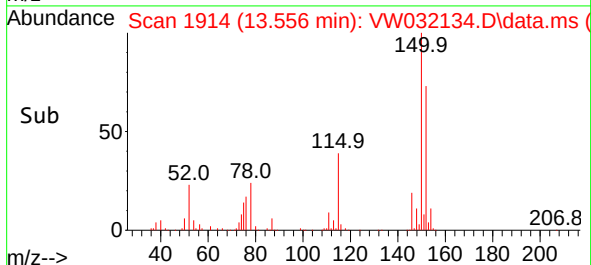
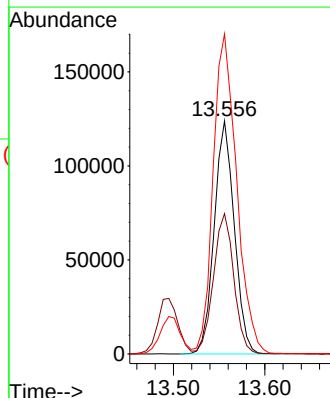
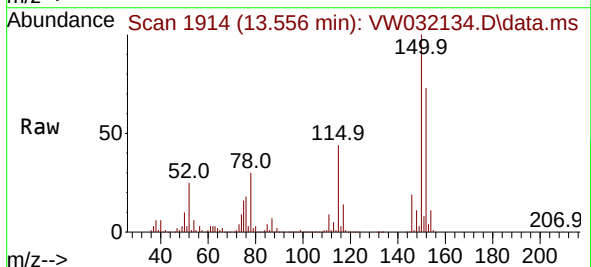
RT: 13.556 min Scan# 1914

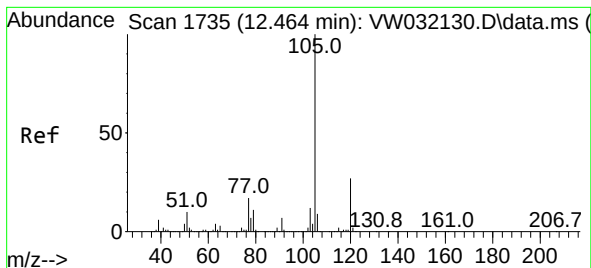
Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Tgt Ion:152	Resp:	189734
Ion Ratio	Lower	Upper
152	100	
115	61.0	30.5 91.5
150	159.9	0.0 319.8





#73

Isopropylbenzene

Concen: 48.389 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

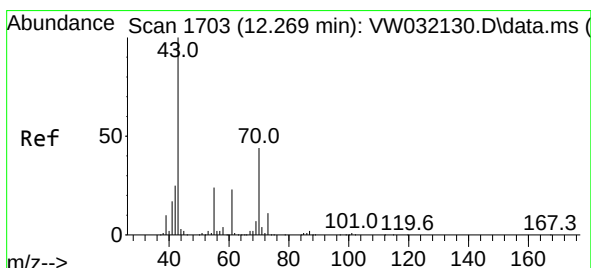
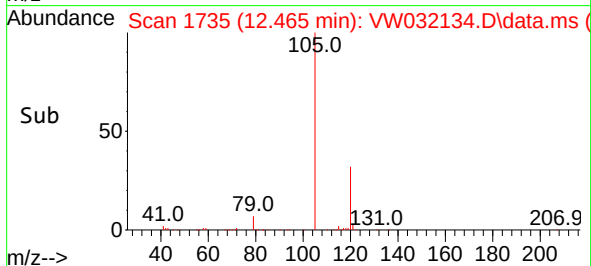
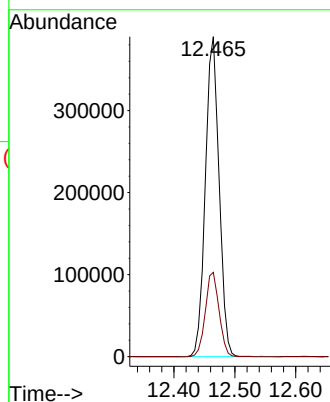
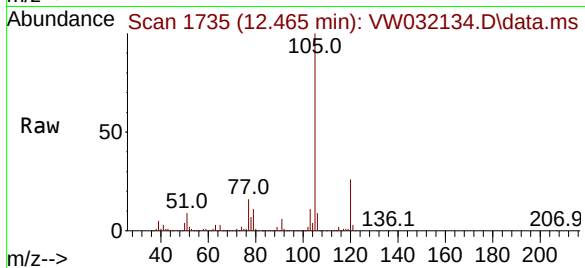
ClientSampleId :

Tgt Ion:105 Resp: 610964

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 45.489 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Tgt Ion: 43 Resp: 167015

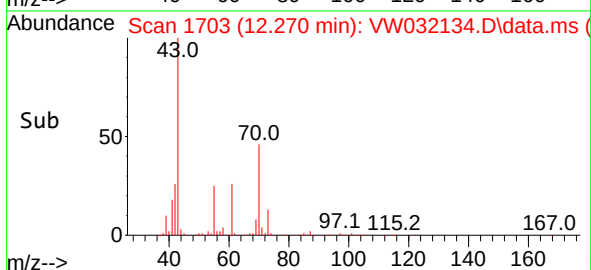
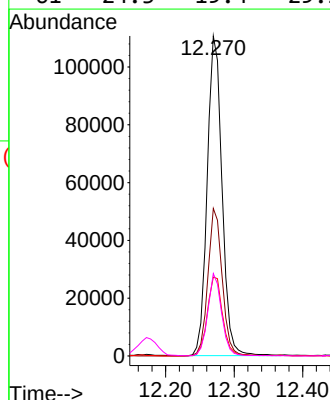
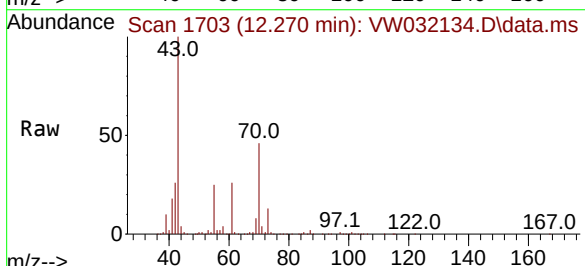
Ion Ratio Lower Upper

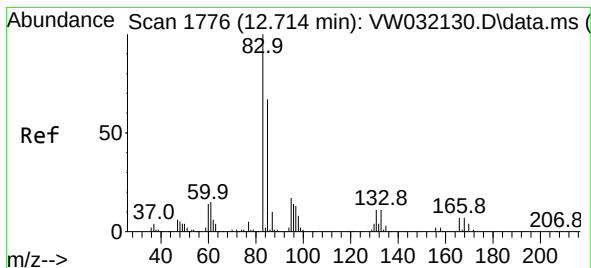
43 100

70 44.4 35.5 53.3

55 25.5 20.4 30.6

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.078 ug/l

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

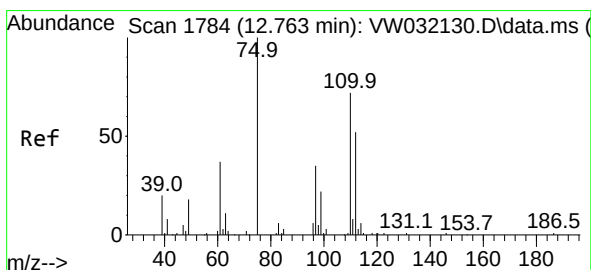
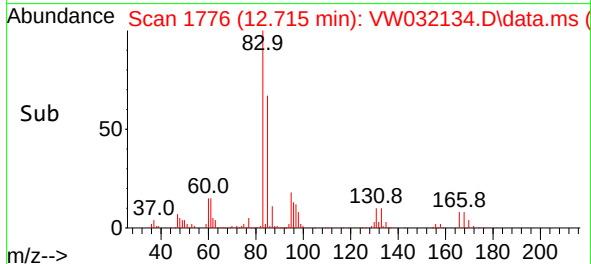
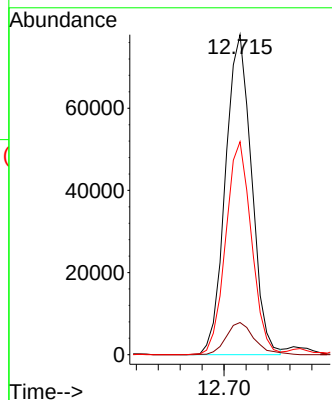
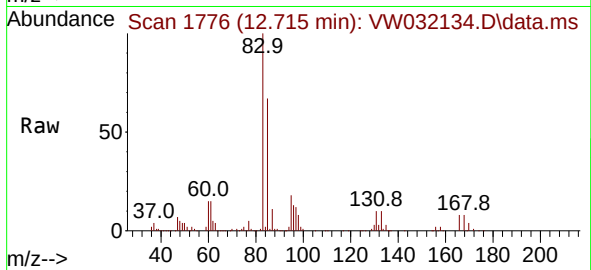
Tgt Ion: 83 Resp: 128920

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 65.6 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 72.512 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW032134.D

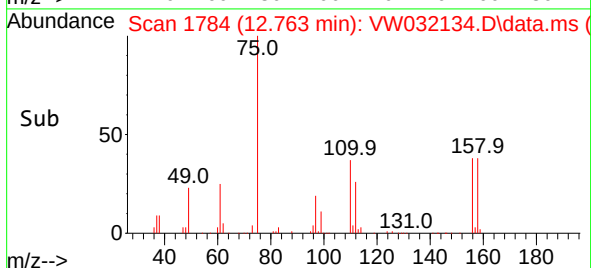
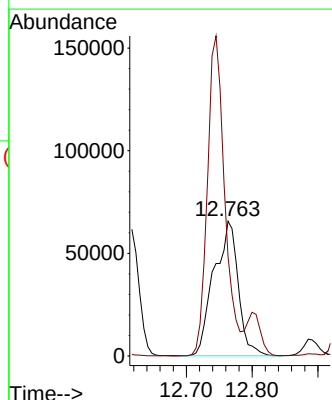
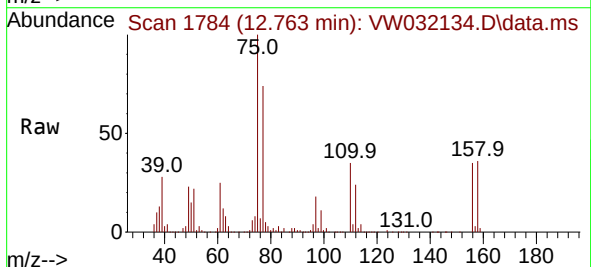
Acq: 25 Aug 2025 15:16

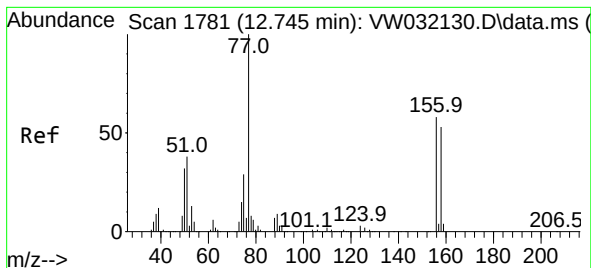
Tgt Ion: 75 Resp: 168870

Ion Ratio Lower Upper

75 100

77 169.2 139.4 418.2





#77

Bromobenzene

Concen: 47.609 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

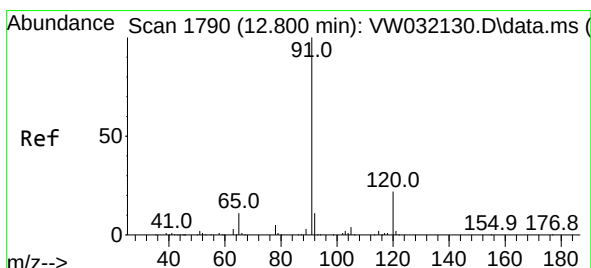
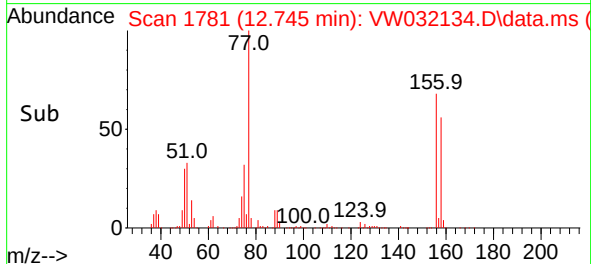
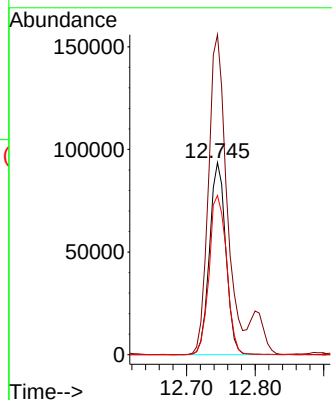
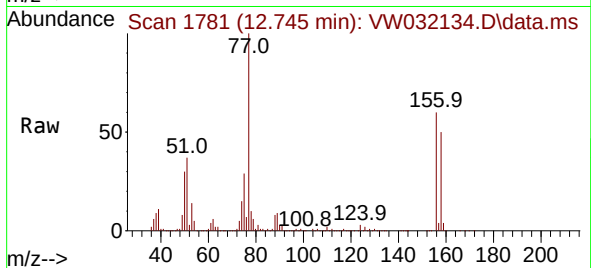
Tgt Ion:156 Resp: 154504

Ion Ratio Lower Upper

156 100

77 184.9 92.5 277.3

158 89.1 44.5 133.7



#78

n-propylbenzene

Concen: 47.843 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032134.D

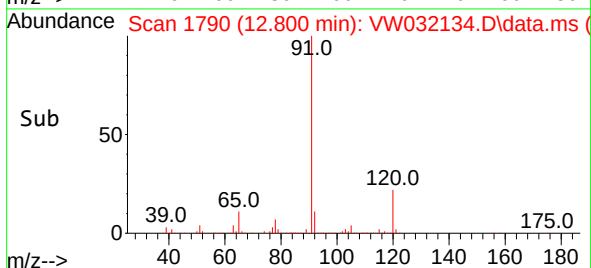
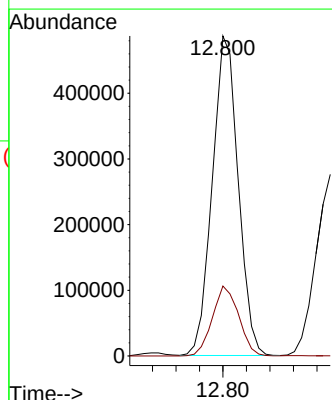
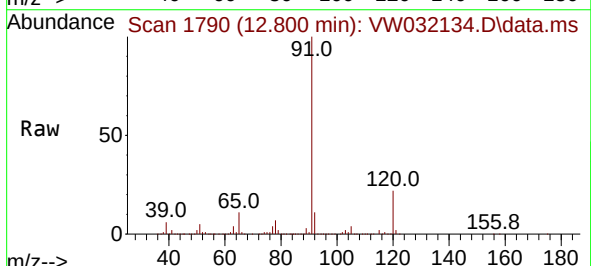
Acq: 25 Aug 2025 15:16

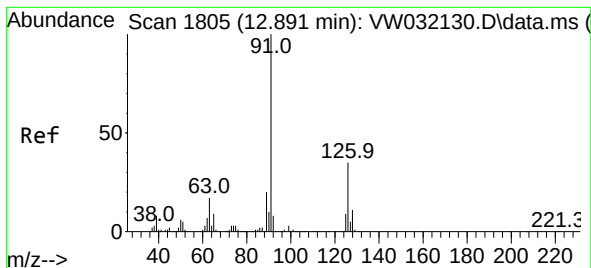
Tgt Ion: 91 Resp: 744310

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 46.109 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

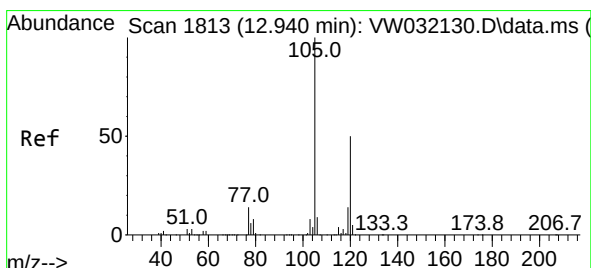
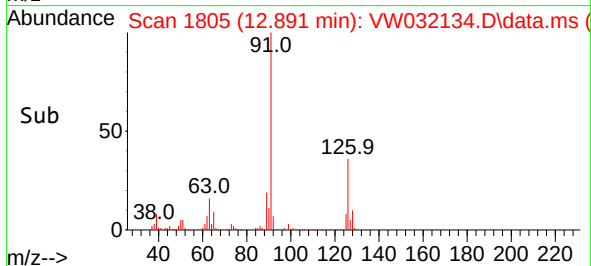
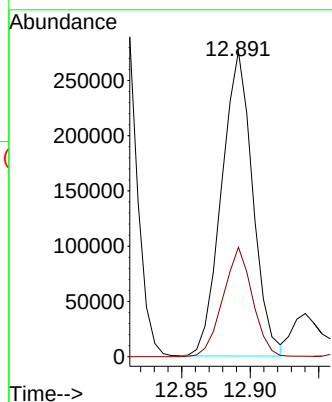
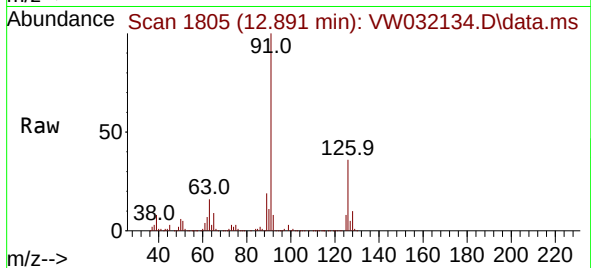
ClientSampleId :

Tgt Ion: 91 Resp: 435684

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 48.999 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032134.D

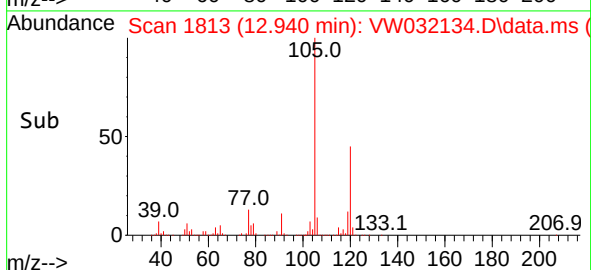
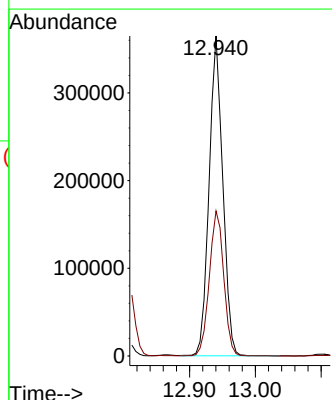
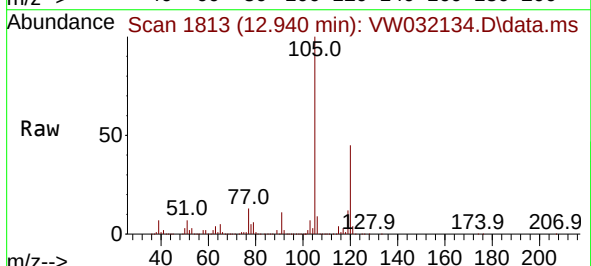
Acq: 25 Aug 2025 15:16

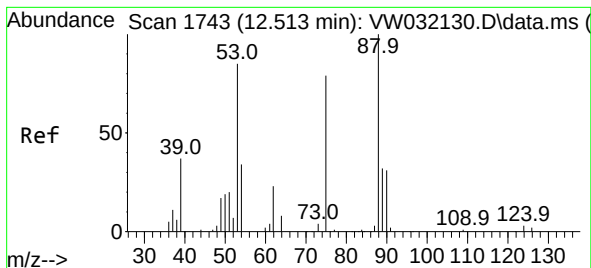
Tgt Ion: 105 Resp: 528208

Ion Ratio Lower Upper

105 100

120 47.5 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.699 ug/l

RT: 12.513 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

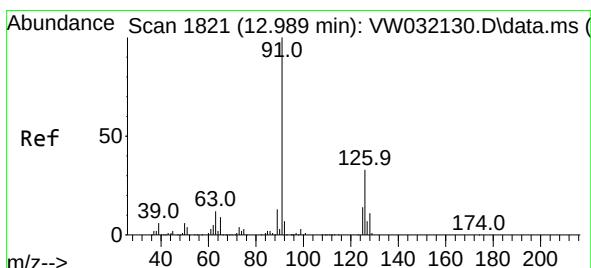
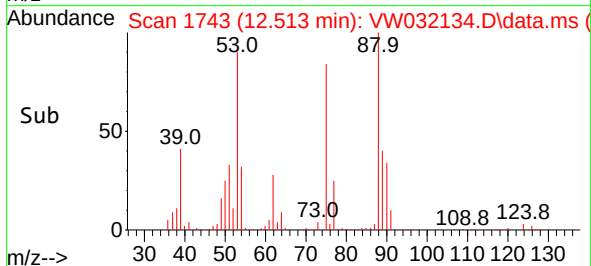
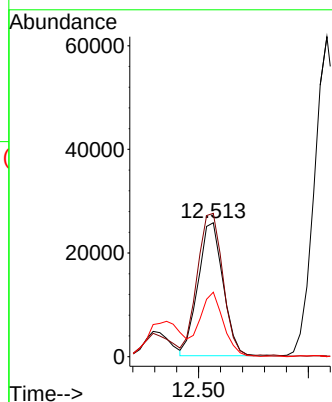
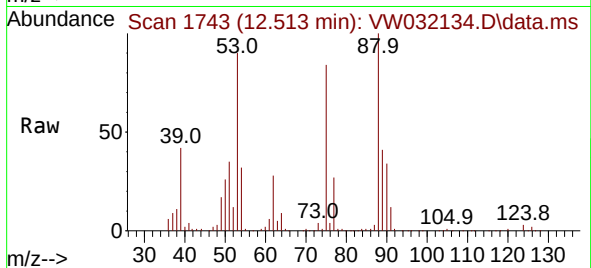
Tgt Ion: 75 Resp: 40751

Ion Ratio Lower Upper

75 100

53 111.2 89.0 133.4

89 45.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 46.589 ug/l

RT: 12.989 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VW032134.D

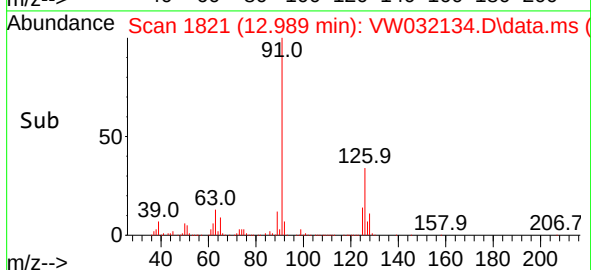
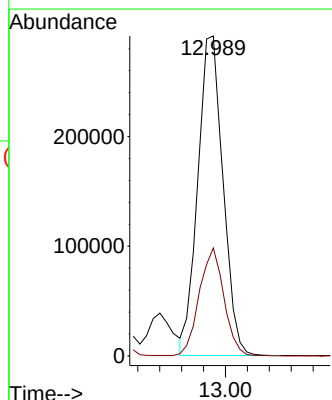
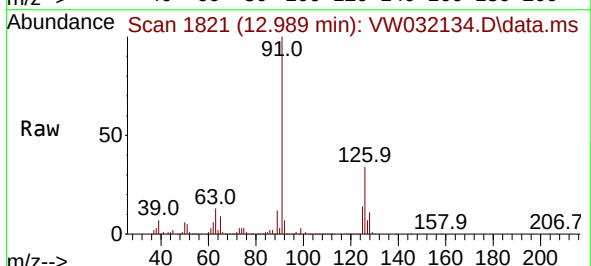
Acq: 25 Aug 2025 15:16

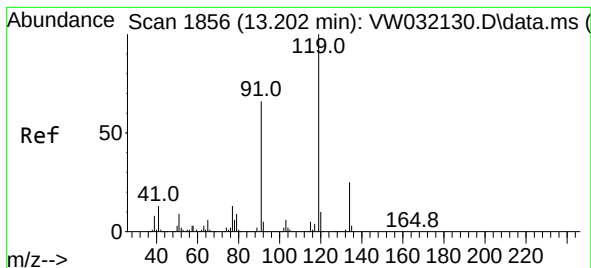
Tgt Ion: 91 Resp: 465194

Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.8





#83

tert-Butylbenzene

Concen: 49.556 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

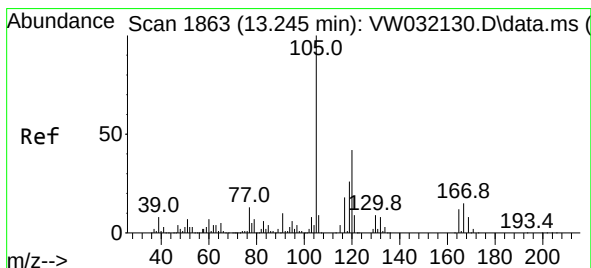
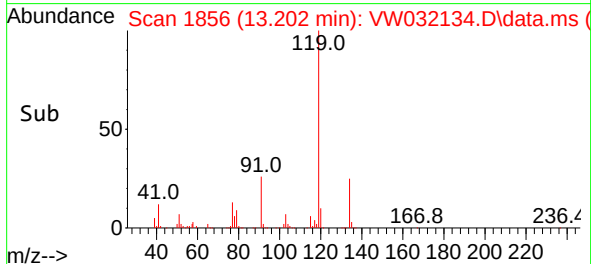
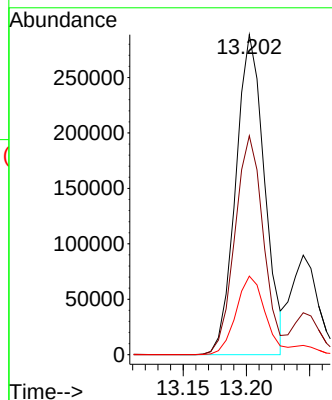
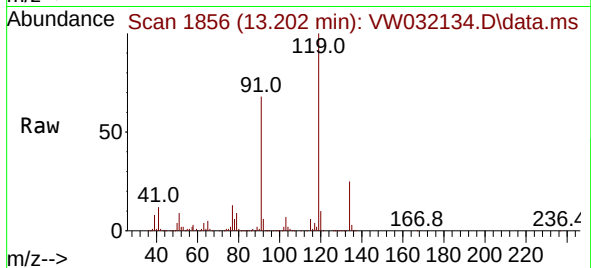
Tgt Ion:119 Resp: 456708

Ion Ratio Lower Upper

119 100

91 69.0 34.5 103.5

134 25.0 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 48.015 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032134.D

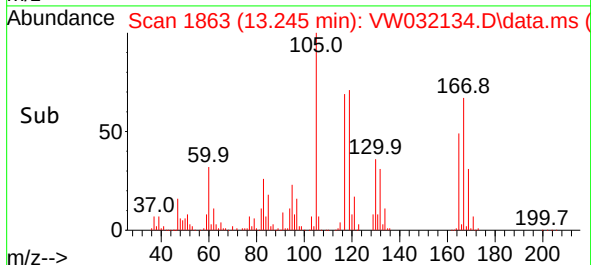
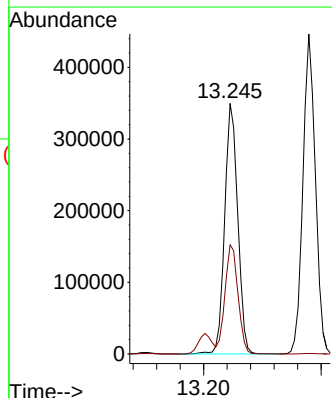
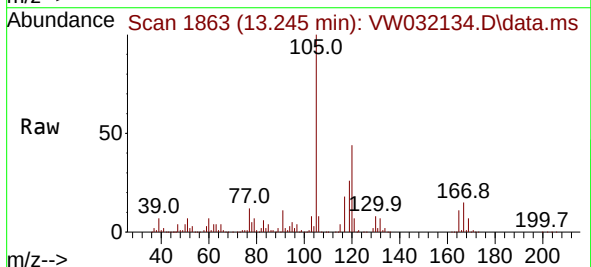
Acq: 25 Aug 2025 15:16

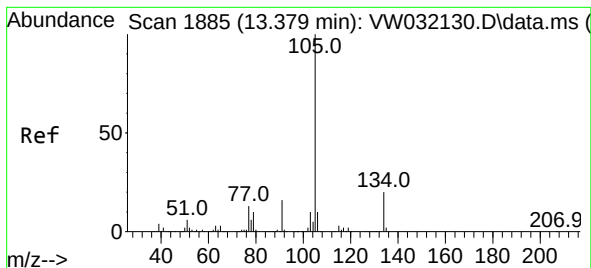
Tgt Ion:105 Resp: 538163

Ion Ratio Lower Upper

105 100

120 43.5 21.8 65.3





#85

sec-Butylbenzene

Concen: 47.795 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

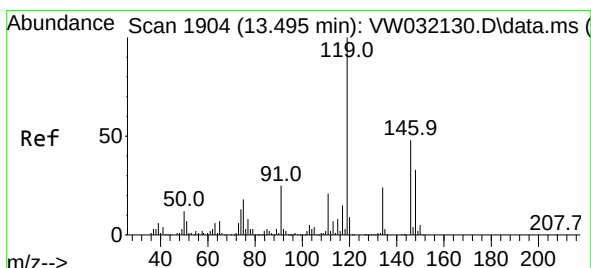
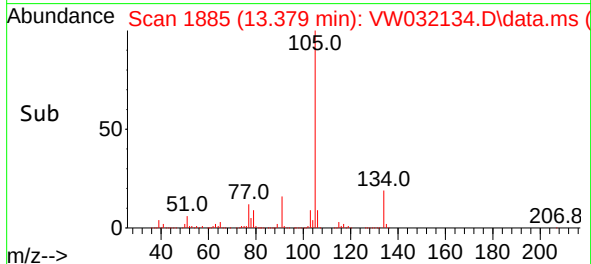
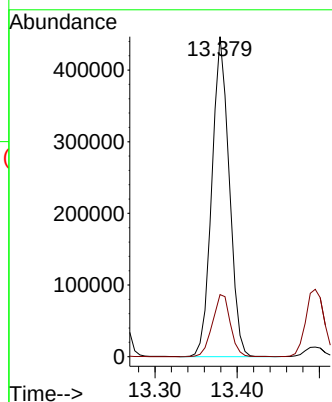
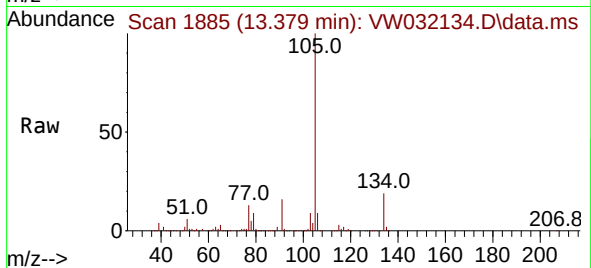
ClientSampleId :

Tgt Ion:105 Resp: 654846

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 46.643 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

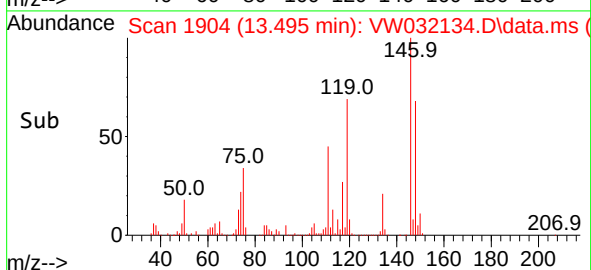
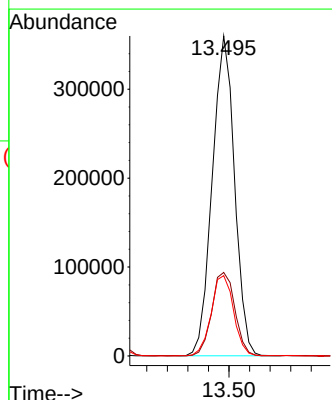
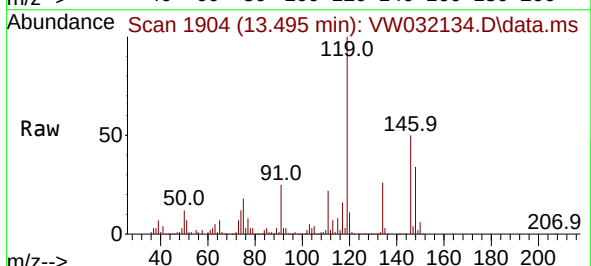
Tgt Ion:119 Resp: 540142

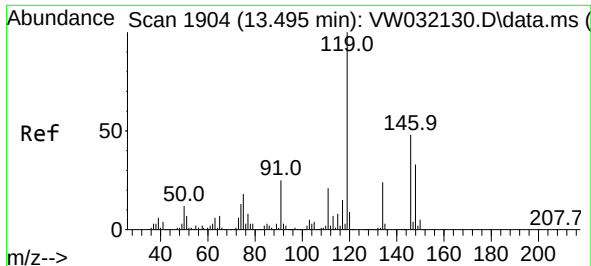
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 25.2 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 45.138 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

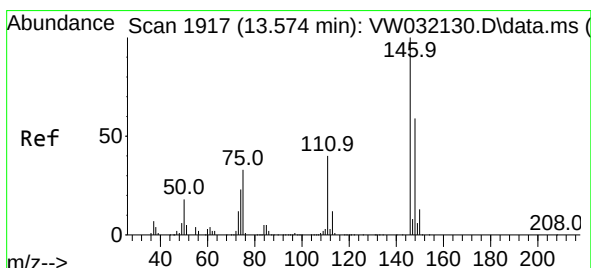
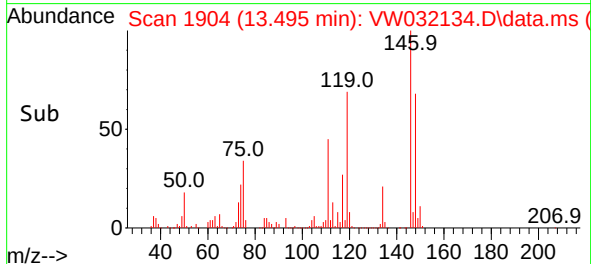
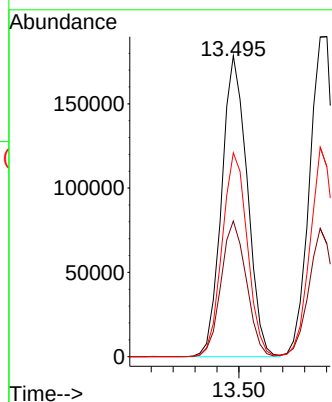
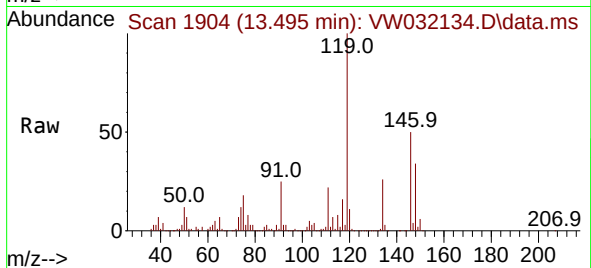
Tgt Ion:146 Resp: 289291

Ion Ratio Lower Upper

146 100

111 44.4 22.2 66.6

148 66.8 33.4 100.2



#88

1,4-Dichlorobenzene

Concen: 47.031 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

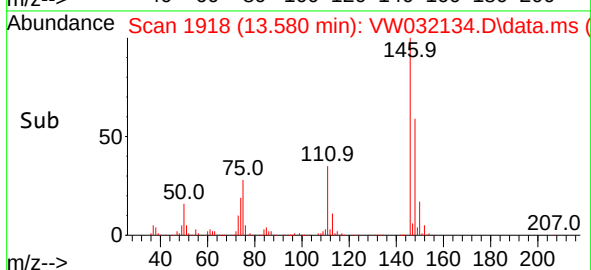
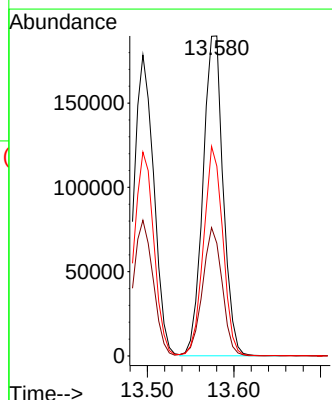
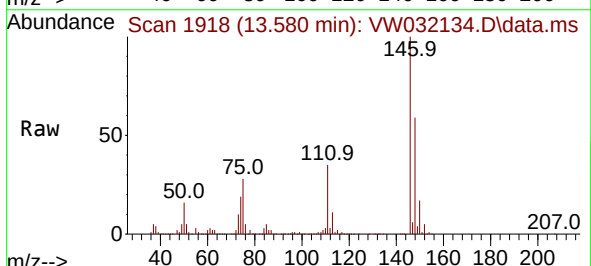
Tgt Ion:146 Resp: 307348

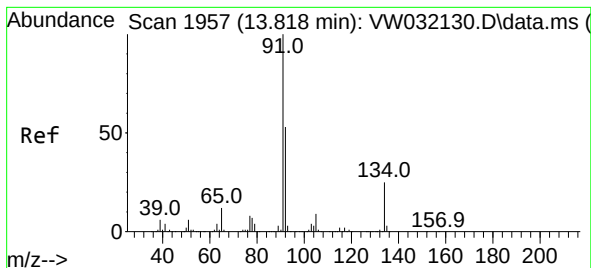
Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.4

148 62.6 31.3 93.9





#89

n-Butylbenzene

Concen: 48.105 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032134.D

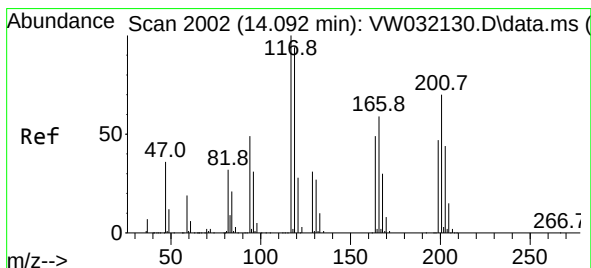
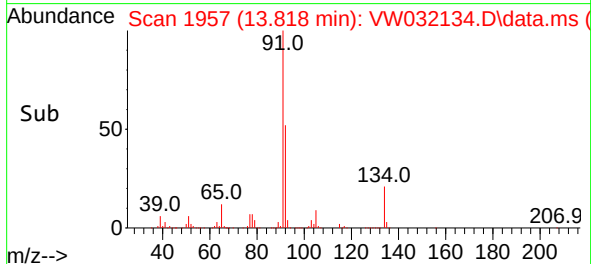
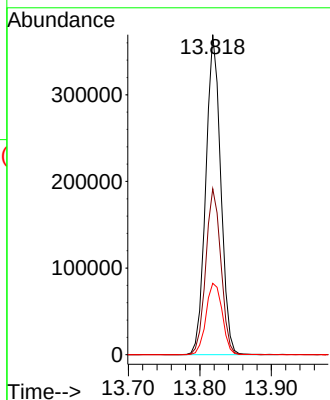
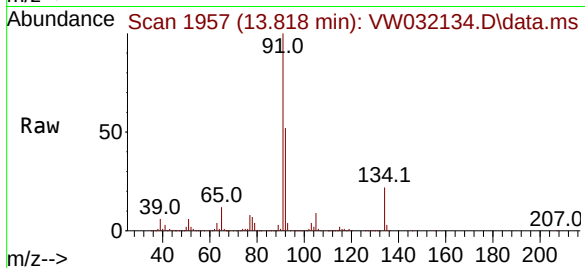
Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	535059
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	24.3	12.2	36.4



#90

Hexachloroethane

Concen: 47.444 ug/l

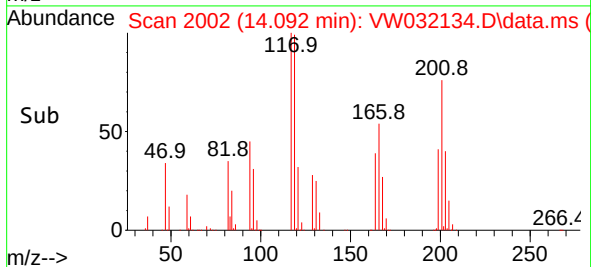
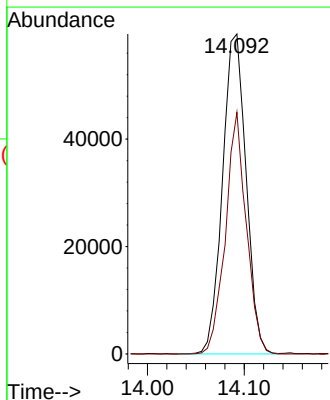
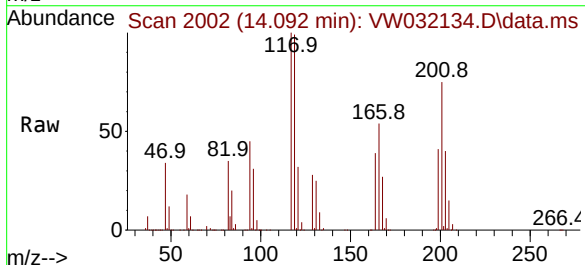
RT: 14.092 min Scan# 2002

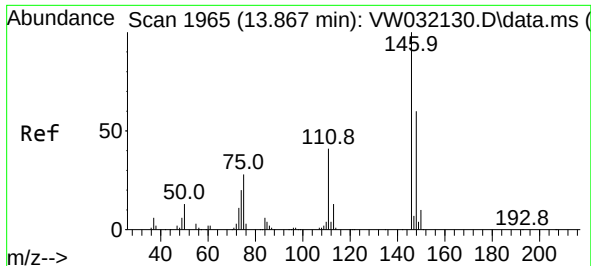
Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Tgt Ion:	117	Resp:	101000
Ion	Ratio	Lower	Upper
117	100		
201	66.7	33.4	100.1





#91

1,2-Dichlorobenzene

Concen: 45.727 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

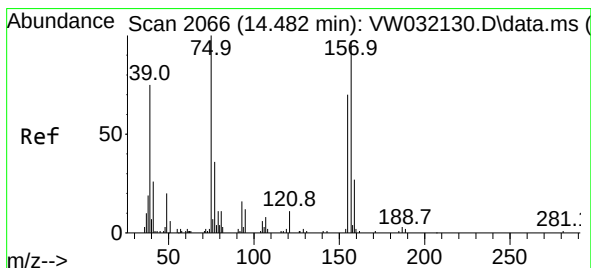
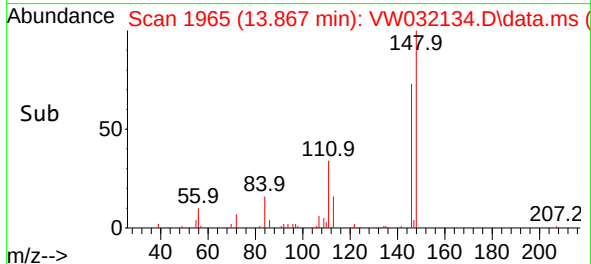
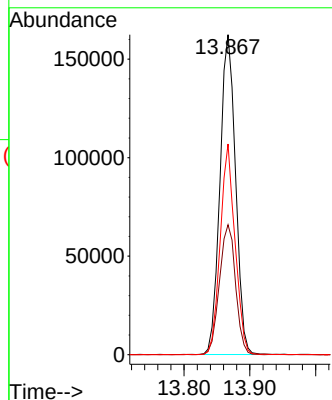
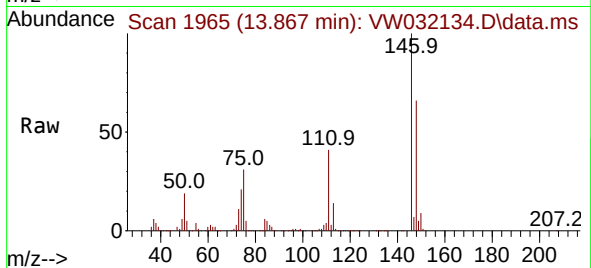
Tgt Ion:146 Resp: 267757

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

148 62.5 31.3 93.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.528 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

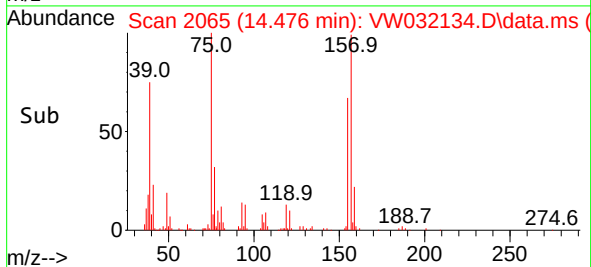
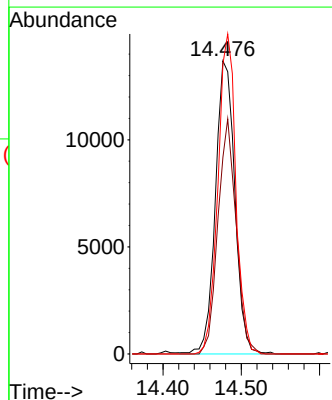
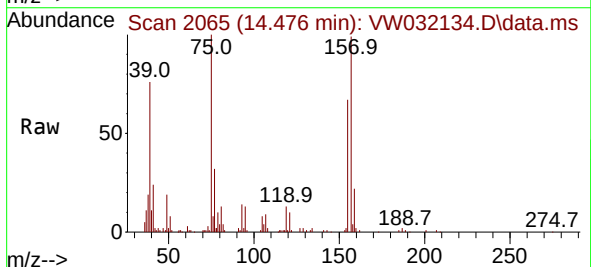
Tgt Ion: 75 Resp: 23591

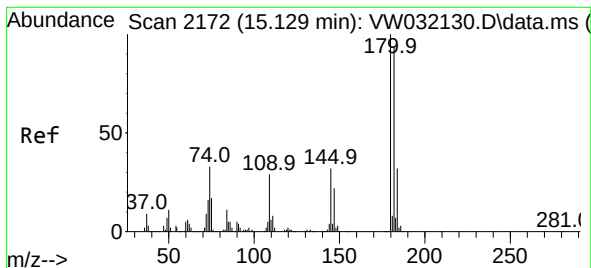
Ion Ratio Lower Upper

75 100

155 75.1 37.5 112.7

157 101.2 50.6 151.8





#93

1,2,4-Trichlorobenzene

Concen: 46.834 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

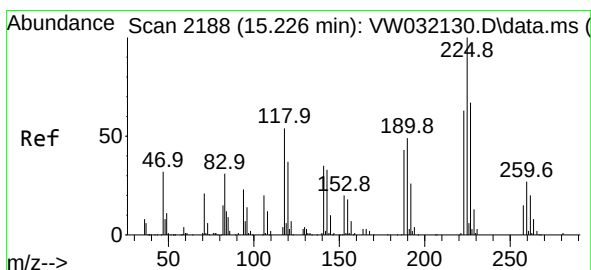
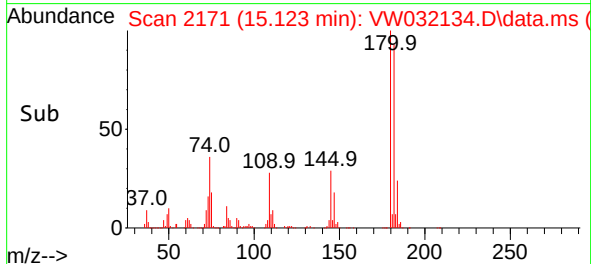
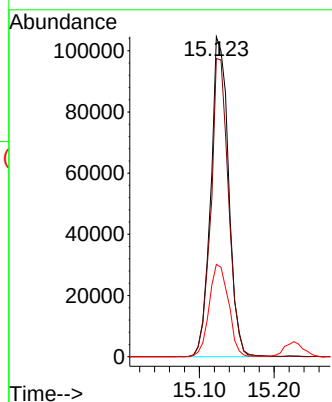
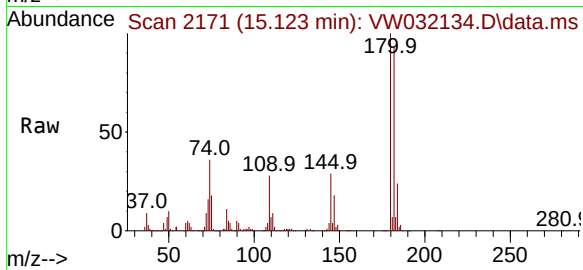
Tgt Ion:180 Resp: 173135

Ion Ratio Lower Upper

180 100

182 92.1 46.1 138.2

145 31.4 15.7 47.1



#94

Hexachlorobutadiene

Concen: 44.571 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

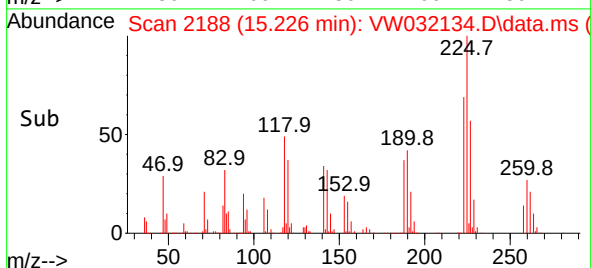
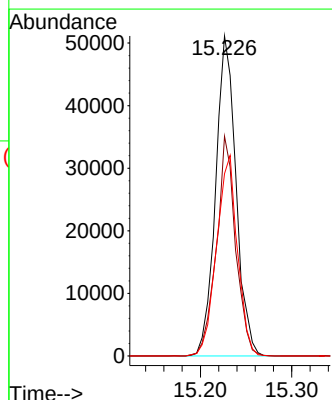
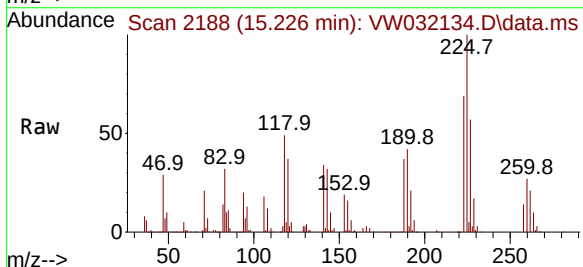
Tgt Ion:225 Resp: 79348

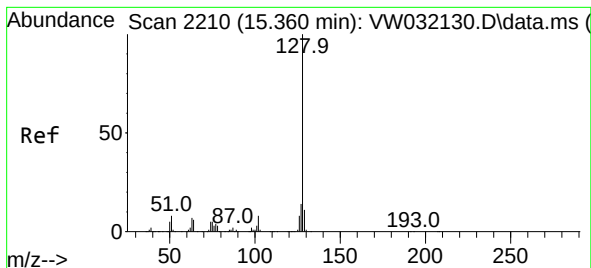
Ion Ratio Lower Upper

225 100

223 64.6 32.3 96.9

227 64.3 32.1 96.5





#95

Naphthalene

Concen: 46.003 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Instrument :

MSVOA_W

ClientSampleId :

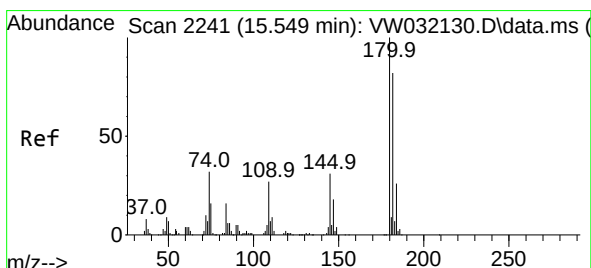
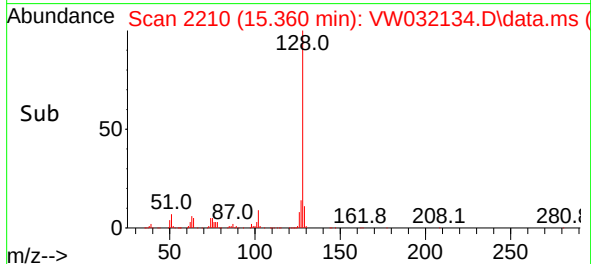
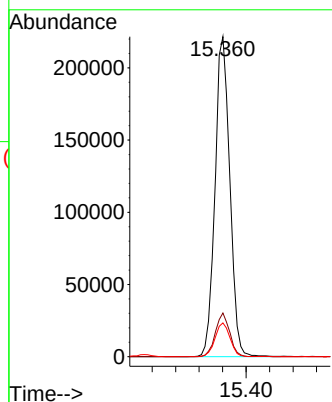
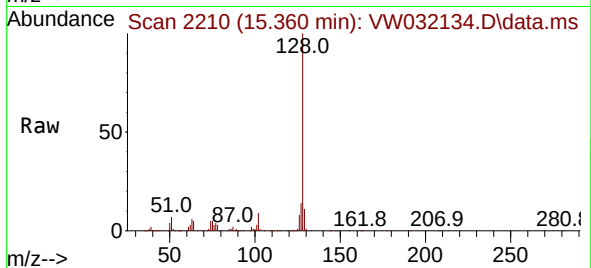
Tgt Ion:128 Resp: 387184

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.301 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032134.D

Acq: 25 Aug 2025 15:16

Tgt Ion:180 Resp: 158208

Ion Ratio Lower Upper

180 100

182 90.5 45.3 135.8

145 34.3 17.2 51.5

