

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032138.D
 Acq On : 26 Aug 2025 10:23
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 27 03:48:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	211234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	363619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	338426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	30225	10.005	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	20.020%#
35) Dibromofluoromethane	7.898	113	25460	9.980	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	19.960%#
50) Toluene-d8	10.331	98	88342	9.864	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	19.720%#
62) 4-Bromofluorobenzene	12.617	95	31333	9.461	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	18.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	14618	10.482	ug/l	89
3) Chloromethane	2.253	50	14677	10.037	ug/l	99
4) Vinyl Chloride	2.405	62	20537	10.813	ug/l	95
5) Bromomethane	2.826	94	17493	10.314	ug/l	94
6) Chloroethane	2.966	64	14154	10.582	ug/l	98
7) Trichlorofluoromethane	3.308	101	18838	10.011	ug/l	97
8) Diethyl Ether	3.722	74	14749	10.503	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	21714	10.243	ug/l	98
10) Methyl Iodide	4.307	142	33798	10.471	ug/l	98
11) Tert butyl alcohol	5.222	59	8976	48.576	ug/l #	84
12) 1,1-Dichloroethene	4.082	96	21754	9.744	ug/l	94
13) Acrolein	3.929	56	14491	51.017	ug/l	99
14) Allyl chloride	4.704	41	31497	9.932	ug/l	99
15) Acrylonitrile	5.399	53	34723	50.858	ug/l	99
16) Acetone	4.161	43	33956	51.901	ug/l	94
17) Carbon Disulfide	4.417	76	56470	10.113	ug/l	99
18) Methyl Acetate	4.710	43	19652	9.428	ug/l	97
19) Methyl tert-butyl Ether	5.472	73	41859	9.929	ug/l	99
20) Methylene Chloride	4.948	84	37160	10.662	ug/l	92
21) trans-1,2-Dichloroethene	5.454	96	25148	10.084	ug/l	96
22) Diisopropyl ether	6.338	45	67403	9.766	ug/l #	87
23) Vinyl Acetate	6.289	43	225264	48.006	ug/l	97
24) 1,1-Dichloroethane	6.240	63	45759	10.127	ug/l	98
25) 2-Butanone	7.197	43	45718	49.314	ug/l	96
26) 2,2-Dichloropropane	7.185	77	23694	9.902	ug/l	96
27) cis-1,2-Dichloroethene	7.197	96	30439	10.030	ug/l	98
28) Bromochloromethane	7.532	49	20056	9.697	ug/l	97
29) Tetrahydrofuran	7.551	42	28428	48.254	ug/l	100
30) Chloroform	7.697	83	52596	10.195	ug/l	97
31) Cyclohexane	7.965	56	39275	10.590	ug/l #	86
32) 1,1,1-Trichloroethane	7.886	97	38320	10.176	ug/l	100
36) 1,1-Dichloropropene	8.093	75	33450	10.113	ug/l	98
37) Ethyl Acetate	7.276	43	19121	9.636	ug/l	97
38) Carbon Tetrachloride	8.081	117	35561	10.029	ug/l	97
39) Methylcyclohexane	9.343	83	38190	9.748	ug/l	92
40) Benzene	8.337	78	103343	10.107	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	10841	9.834	ug/l	93
42) 1,2-Dichloroethane	8.416	62	35957	10.144	ug/l	97
43) Isopropyl Acetate	8.441	43	35470	9.528	ug/l	96
44) Trichloroethene	9.099	130	26114	10.156	ug/l	85
45) 1,2-Dichloropropane	9.374	63	25046	10.162	ug/l	100
46) Dibromomethane	9.465	93	17993	10.408	ug/l	98
47) Bromodichloromethane	9.654	83	39005	9.928	ug/l	100
48) Methyl methacrylate	9.441	41	15484	9.026	ug/l	88
49) 1,4-Dioxane	9.465	88	3437	164.547	ug/l #	77
51) 4-Methyl-2-Pentanone	10.215	43	101528	48.302	ug/l	98
52) Toluene	10.392	92	66895	10.012	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	32461	9.366	ug/l	96
54) cis-1,3-Dichloropropene	10.081	75	37752	9.547	ug/l	97
55) 1,1,2-Trichloroethane	10.794	97	22801	10.143	ug/l	94
56) Ethyl methacrylate	10.648	69	26610	9.259	ug/l	97
57) 1,3-Dichloropropane	10.934	76	38090	10.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	73697	48.041	ug/l	99
59) 2-Hexanone	10.971	43	68690	46.989	ug/l	97
60) Dibromochloromethane	11.129	129	26185	9.626	ug/l	95
61) 1,2-Dibromoethane	11.239	107	22442	10.151	ug/l	100
64) Tetrachloroethene	10.861	164	22486	10.095	ug/l	92
65) Chlorobenzene	11.654	112	76630	9.948	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	25682	10.127	ug/l	98
67) Ethyl Benzene	11.733	91	123370	9.775	ug/l	97
68) m/p-Xylenes	11.843	106	94822	19.521	ug/l	99
69) o-Xylene	12.166	106	44610	9.709	ug/l	95
70) Styrene	12.178	104	78501	9.692	ug/l	98
71) Bromoform	12.349	173	14353	9.529	ug/l #	96
73) Isopropylbenzene	12.464	105	113135	9.615	ug/l	99
74) N-amyl acetate	12.276	43	31026	9.082	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	27712	9.910	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	34098	15.205	ug/l	40
77) Bromobenzene	12.745	156	29230	9.741	ug/l	99
78) n-propylbenzene	12.800	91	140832	9.858	ug/l	97
79) 2-Chlorotoluene	12.891	91	85542	9.792	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	96634	9.700	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	6880	8.537	ug/l	91
82) 4-Chlorotoluene	12.989	91	92476	9.890	ug/l	99
83) tert-Butylbenzene	13.202	119	80888	9.576	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	97711	9.480	ug/l	99
85) sec-Butylbenzene	13.379	105	119897	9.507	ug/l	98
86) p-Isopropyltoluene	13.495	119	102643	9.570	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	62937	10.417	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	62683	10.351	ug/l	98
89) n-Butylbenzene	13.818	91	96382	9.426	ug/l	97
90) Hexachloroethane	14.086	117	19253	9.814	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	52479	9.811	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	4440	8.988	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	34429	10.074	ug/l	96
94) Hexachlorobutadiene	15.226	225	16347	9.644	ug/l	92
95) Naphthalene	15.360	128	68744	8.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	31730	9.983	ug/l	99

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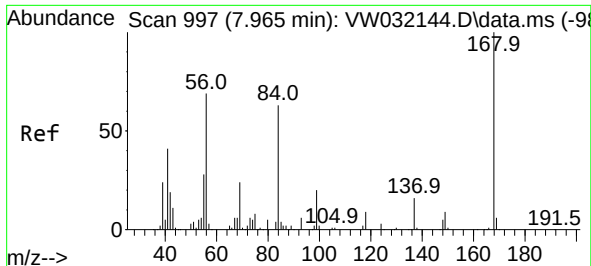
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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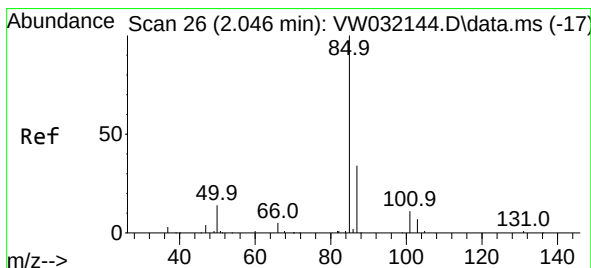
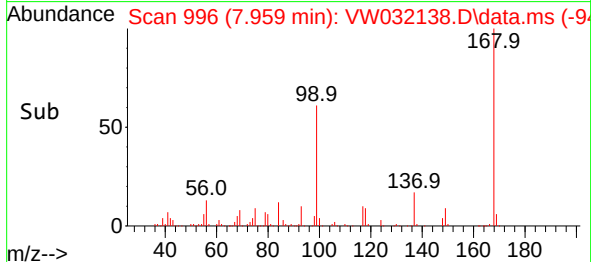
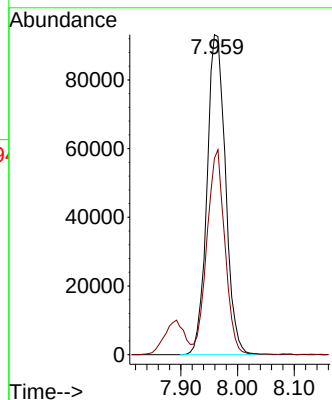
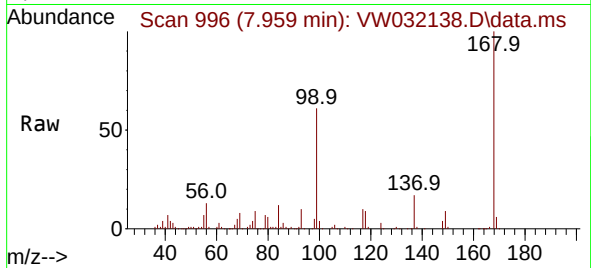




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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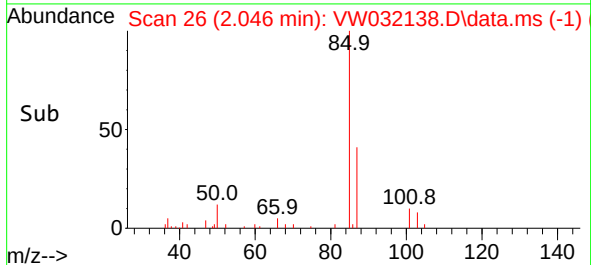
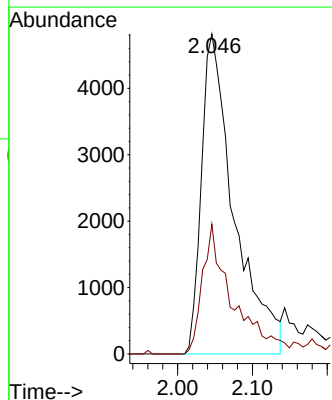
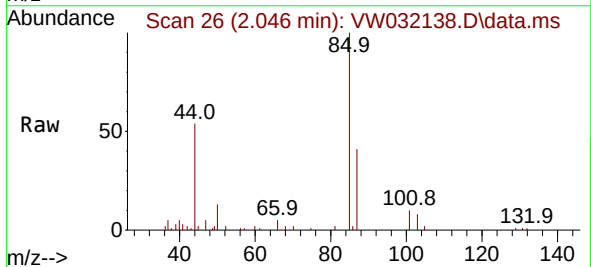
Instrument :
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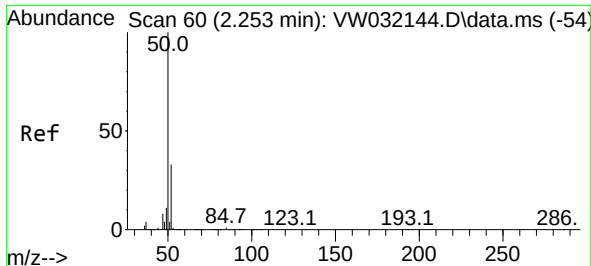
Tgt Ion:168 Resp: 211234
Ion Ratio Lower Upper
168 100
99 61.3 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 10.482 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 85 Resp: 14618
Ion Ratio Lower Upper
85 100
87 40.5 17.2 51.6

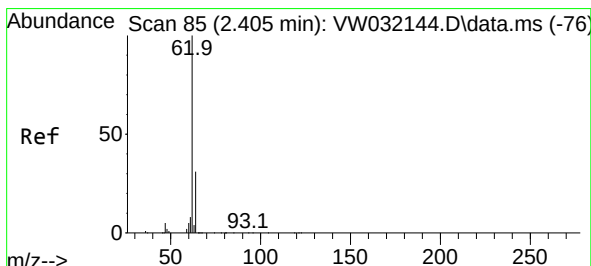
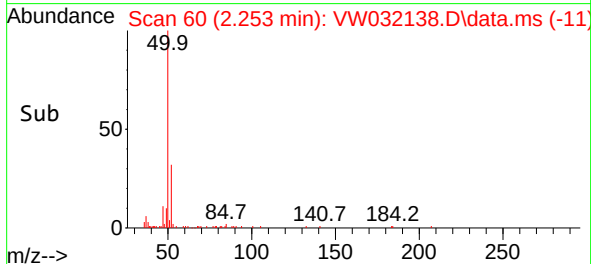
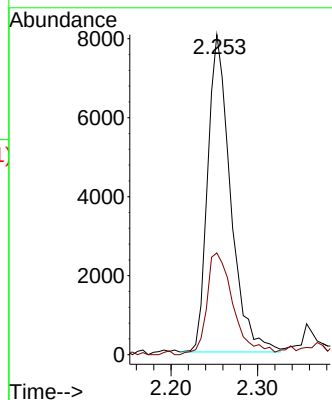
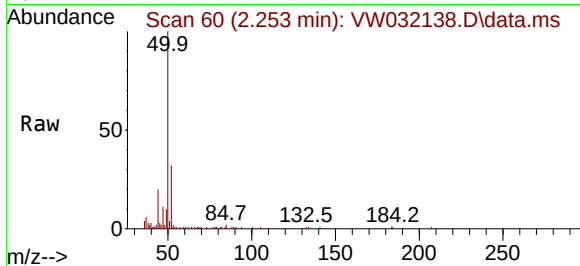




#3
Chloromethane
Concen: 10.037 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

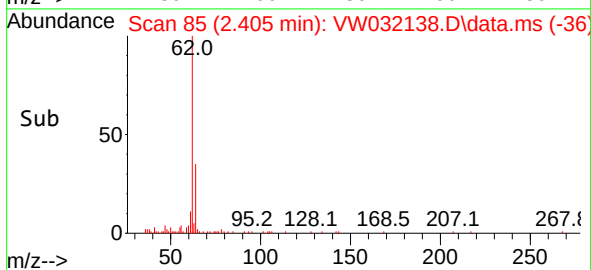
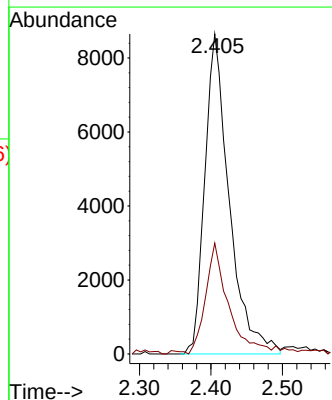
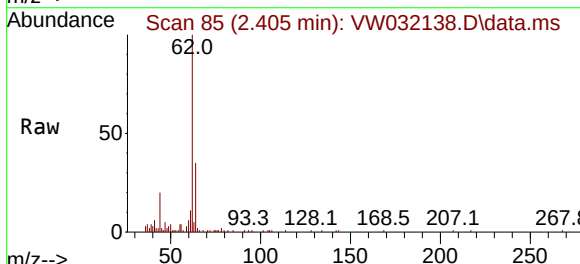
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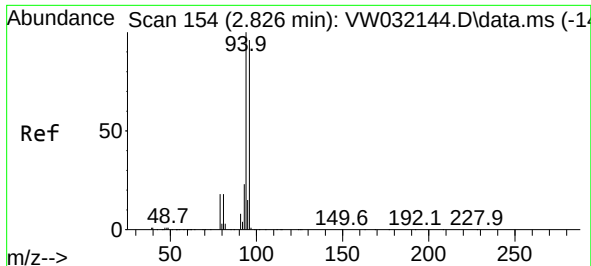
Tgt Ion: 50 Resp: 14677
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 10.813 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 62 Resp: 20537
Ion Ratio Lower Upper
62 100
64 33.9 24.8 37.2

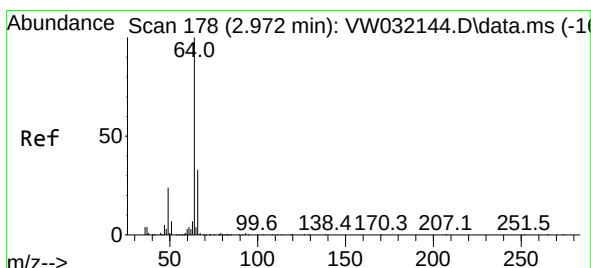
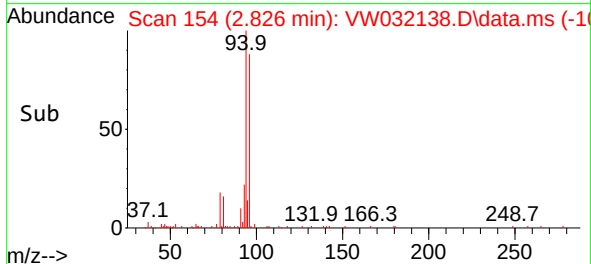
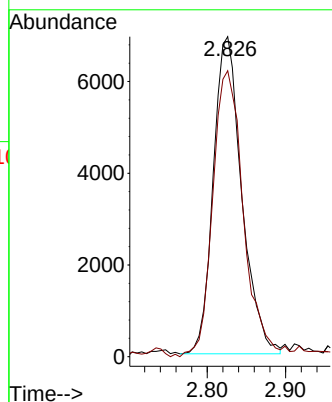
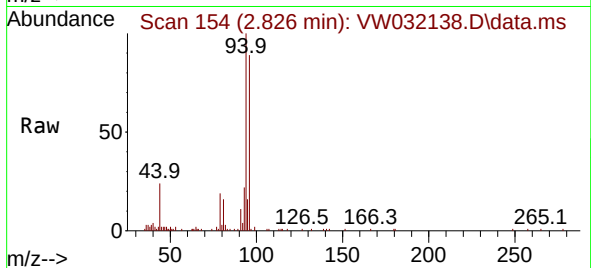




#5
Bromomethane
Concen: 10.314 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

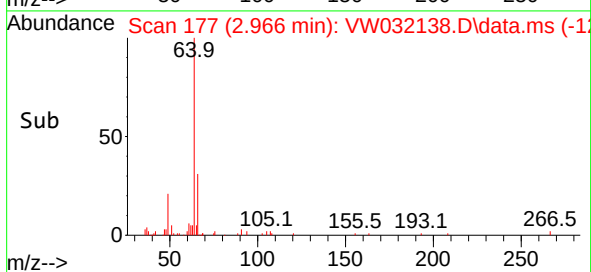
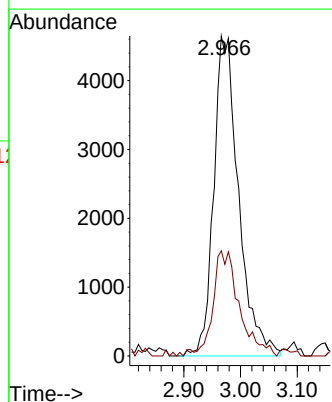
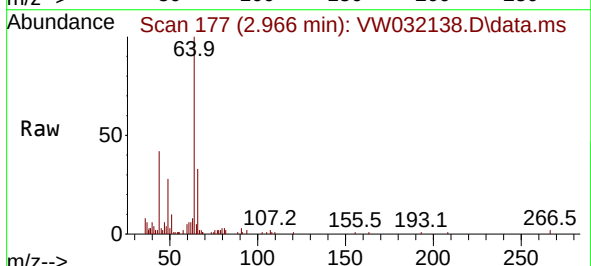
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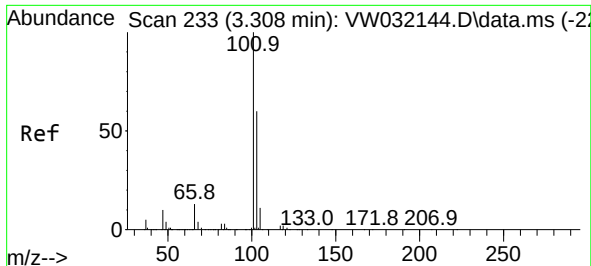
Tgt Ion: 94 Resp: 17493
Ion Ratio Lower Upper
94 100
96 90.2 76.6 115.0



#6
Chloroethane
Concen: 10.582 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 64 Resp: 14154
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4

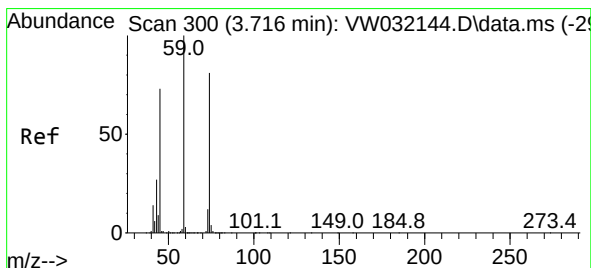
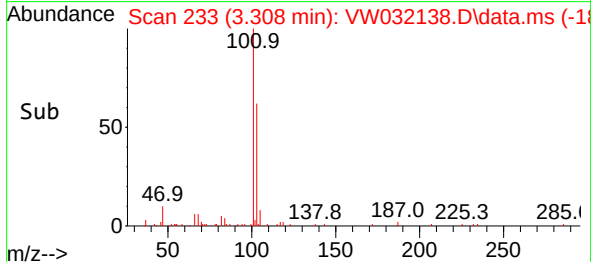
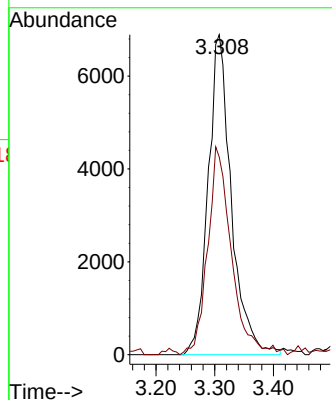
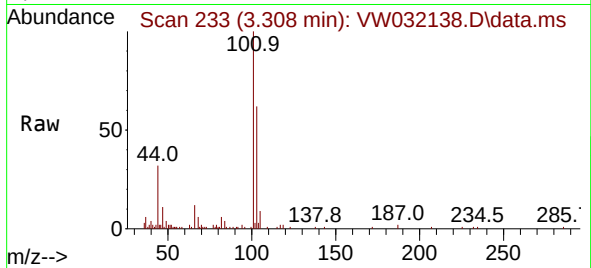




#7
Trichlorofluoromethane
Concen: 10.011 ug/l
RT: 3.308 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032138.D
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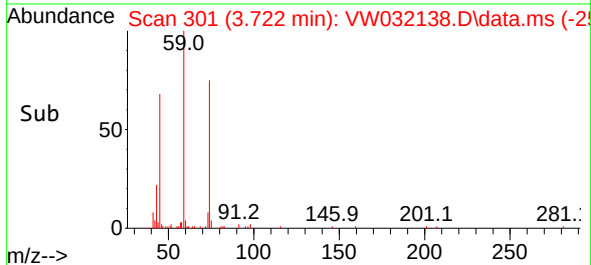
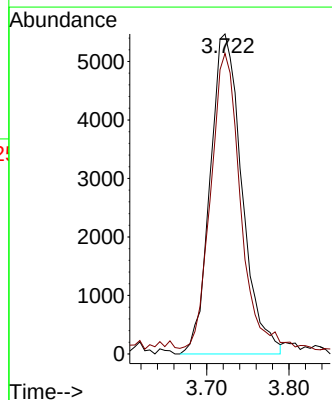
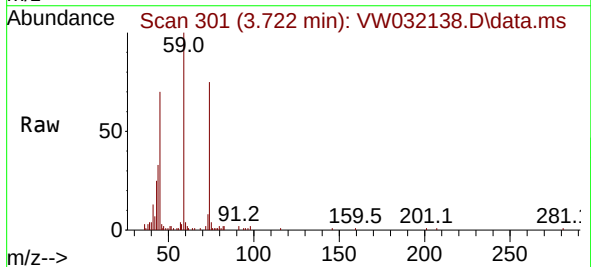
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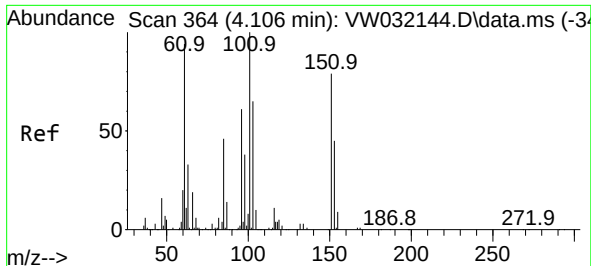
Tgt Ion:101 Resp: 18838
Ion Ratio Lower Upper
101 100
103 61.7 47.8 71.8



#8
Diethyl Ether
Concen: 10.503 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 74 Resp: 14749
Ion Ratio Lower Upper
74 100
45 87.0 43.1 129.4

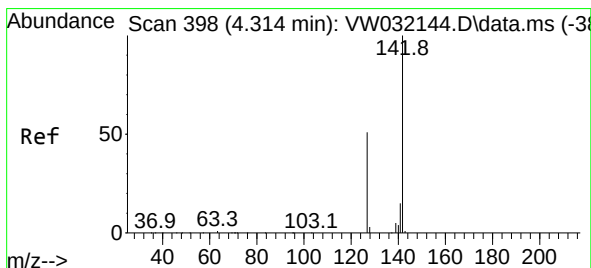
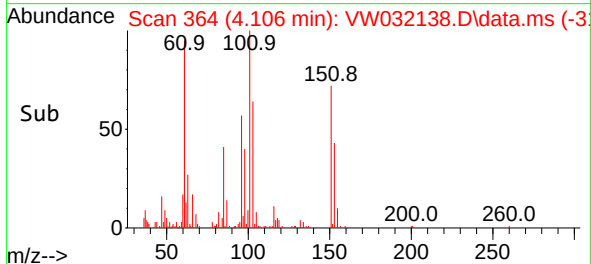
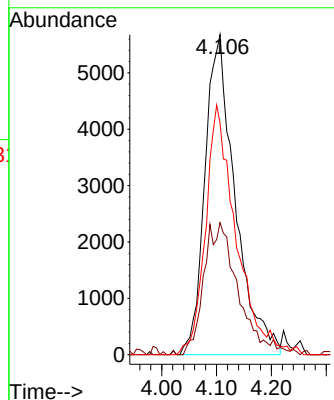
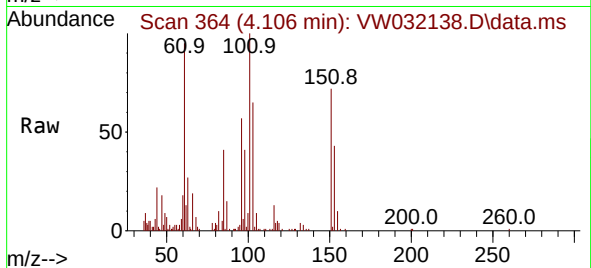




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.243 ug/l
 RT: 4.106 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VW032138.D
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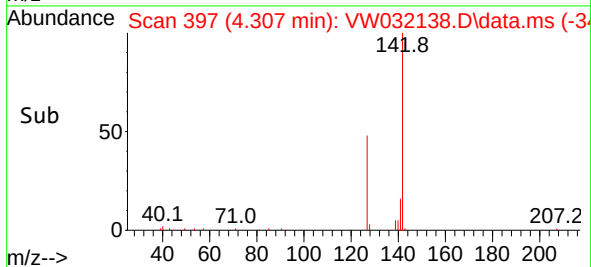
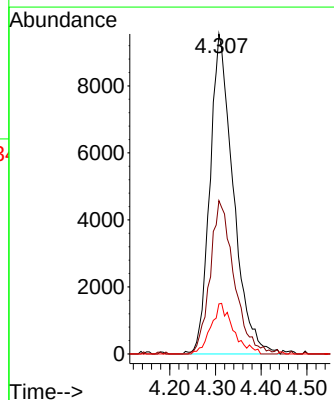
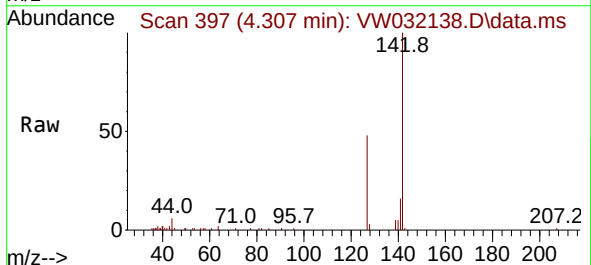
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 ClientSampleId :
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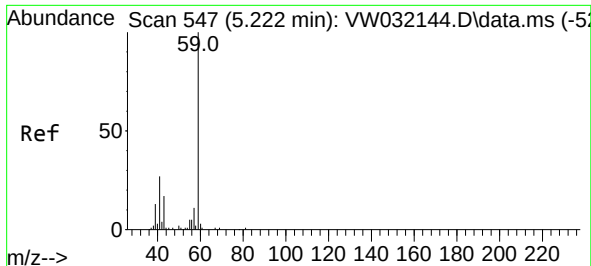
Tgt Ion:101 Resp: 21714
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.1 55.7
 151 78.6 61.5 92.3



#10
 Methyl Iodide
 Concen: 10.471 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VW032138.D
 Acq: 26 Aug 2025 10:23

Tgt Ion:142 Resp: 33798
 Ion Ratio Lower Upper
 142 100
 127 49.5 38.2 57.2
 141 15.1 12.2 18.2

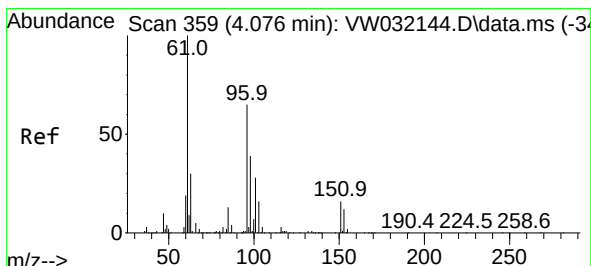
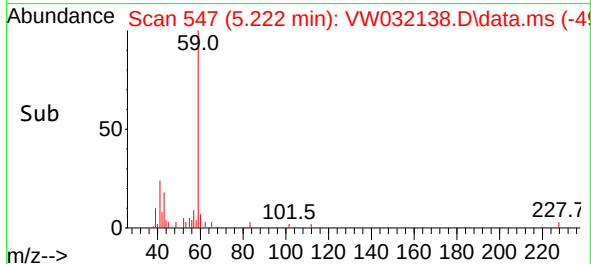
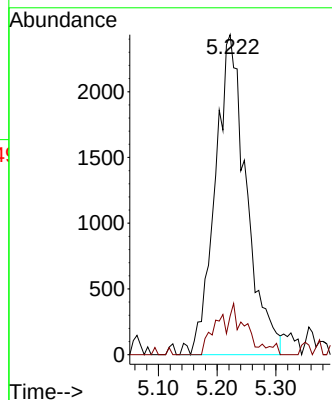
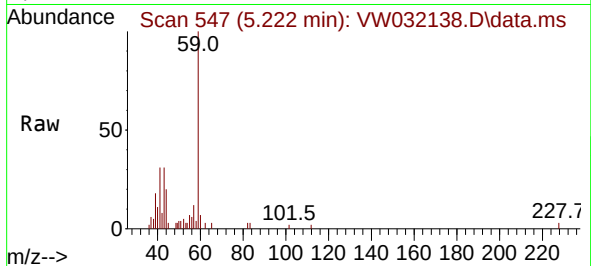




#11
Tert butyl alcohol
Concen: 48.576 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

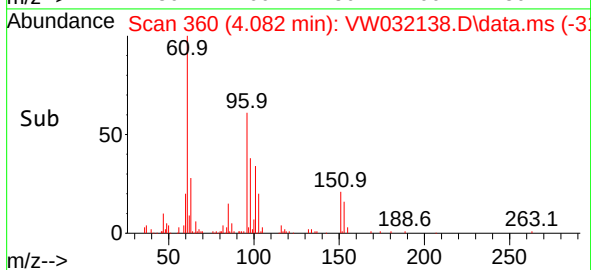
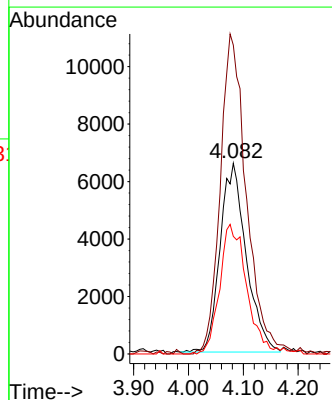
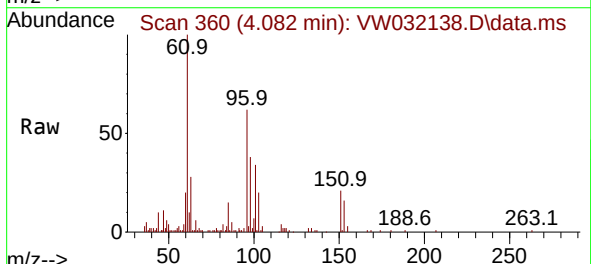
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

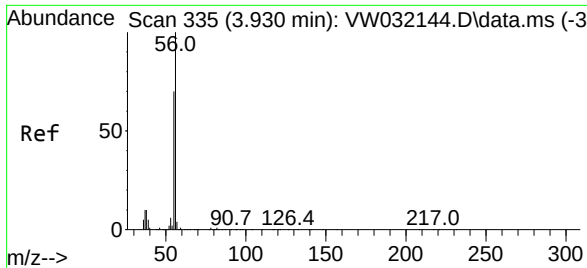
Tgt Ion: 59 Resp: 8976
Ion Ratio Lower Upper
59 100
57 6.0 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 9.744 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 96 Resp: 21754
Ion Ratio Lower Upper
96 100
61 162.5 123.0 184.4
98 62.3 48.5 72.7

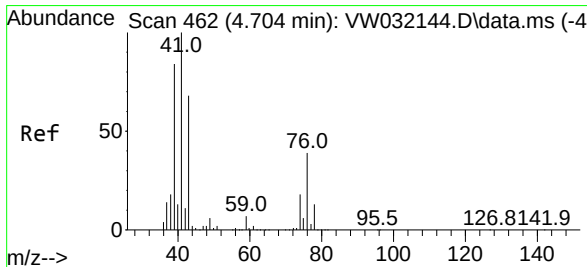
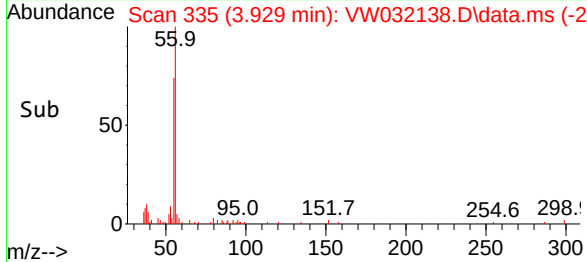
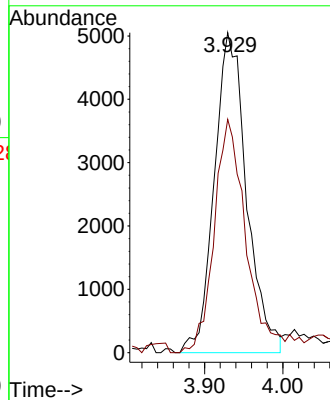
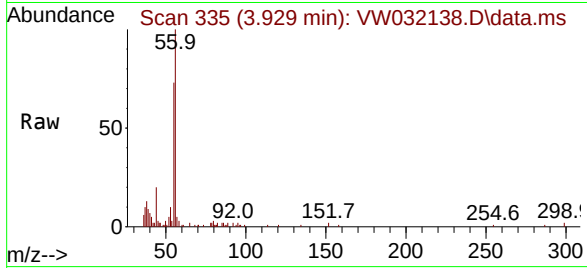




#13
Acrolein
Concen: 51.017 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

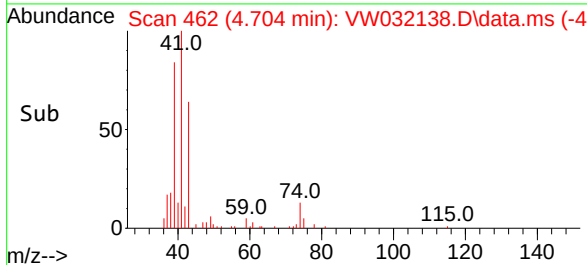
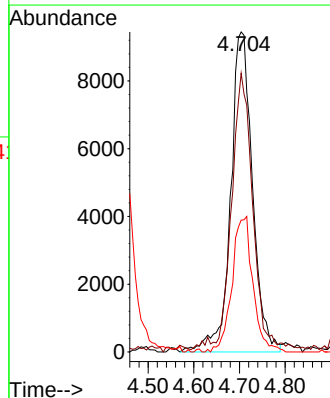
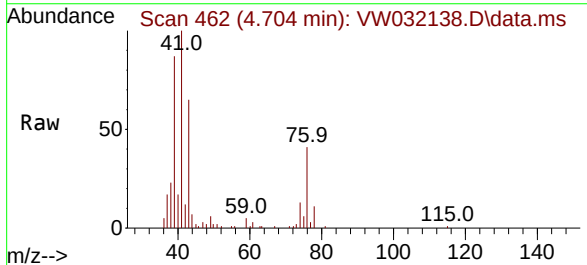
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

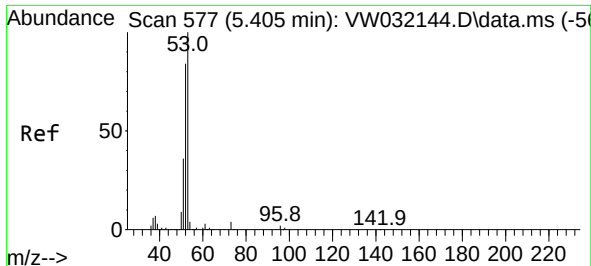
Tgt Ion: 56 Resp: 14491
Ion Ratio Lower Upper
56 100
55 71.0 56.4 84.6



#14
Allyl chloride
Concen: 9.932 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 41 Resp: 31497
Ion Ratio Lower Upper
41 100
39 80.6 64.1 96.1
76 40.3 31.4 47.2

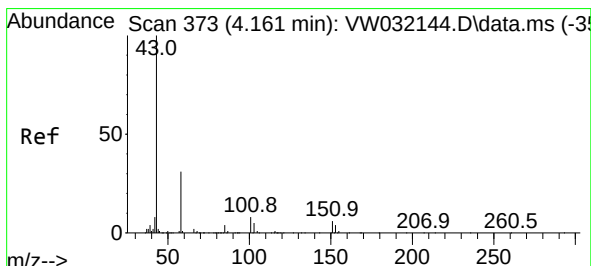
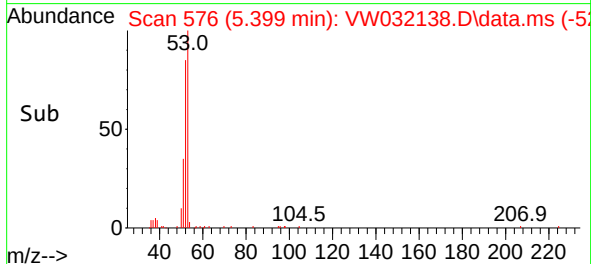
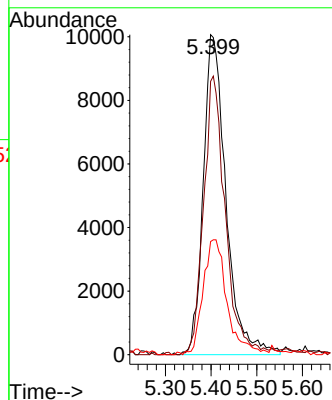
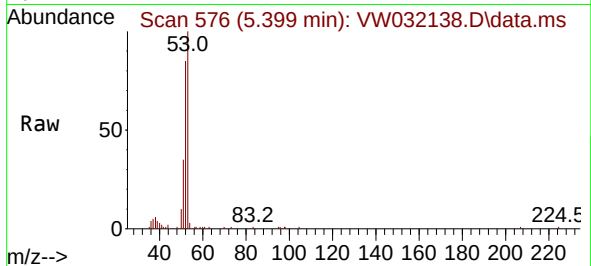




#15
Acrylonitrile
Concen: 50.858 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

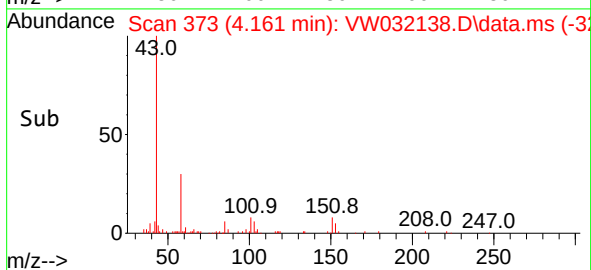
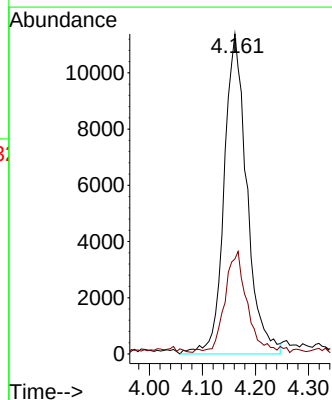
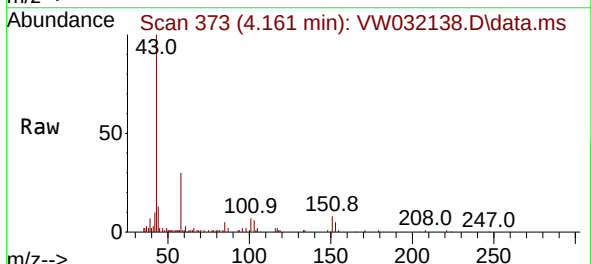
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

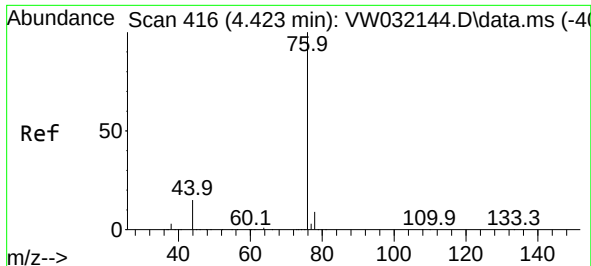
Tgt Ion: 53 Resp: 34723
Ion Ratio Lower Upper
53 100
52 83.2 67.4 101.2
51 38.0 30.3 45.5



#16
Acetone
Concen: 51.901 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 33956
Ion Ratio Lower Upper
43 100
58 28.1 25.3 37.9

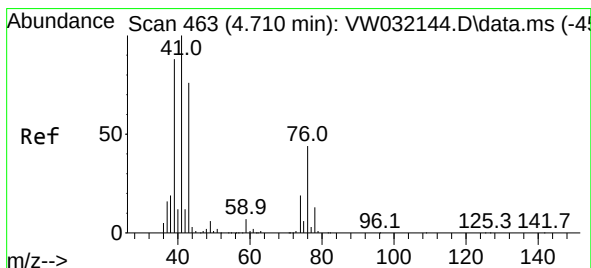
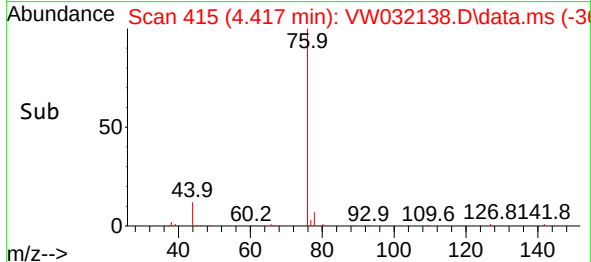
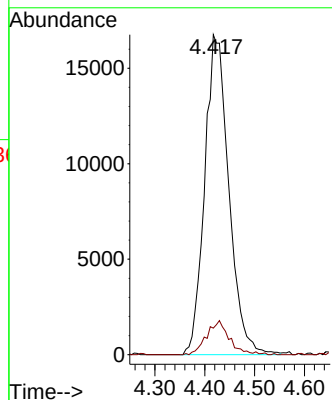
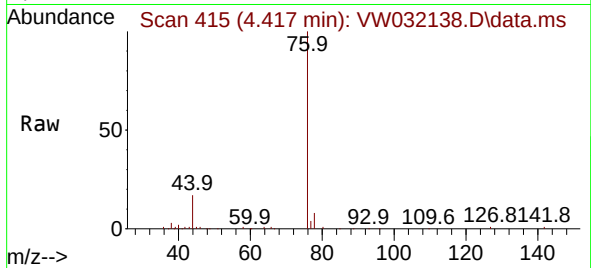




#17
Carbon Disulfide
Concen: 10.113 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

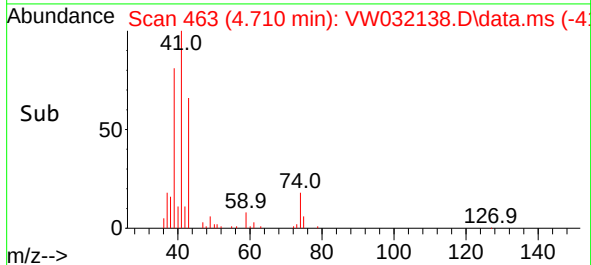
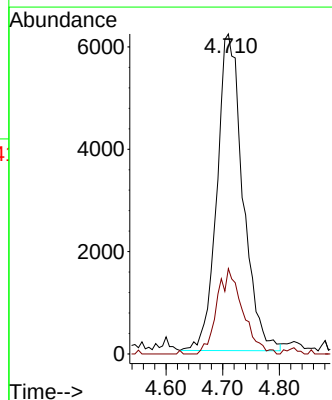
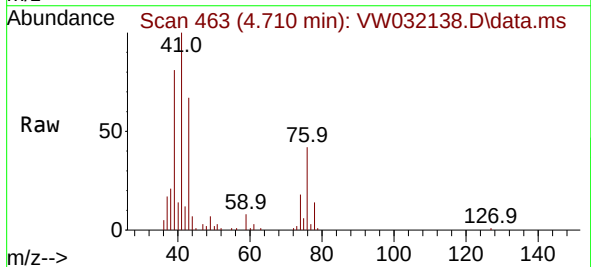
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

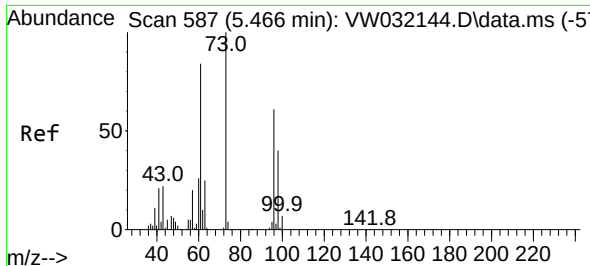
Tgt Ion: 76 Resp: 56470
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 9.428 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 19652
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.4

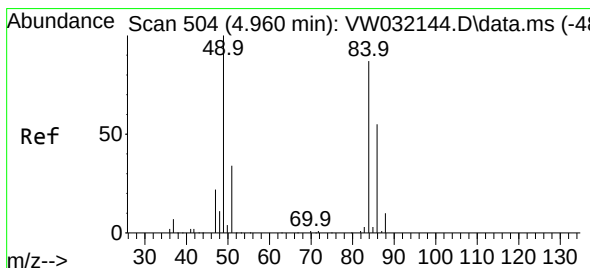
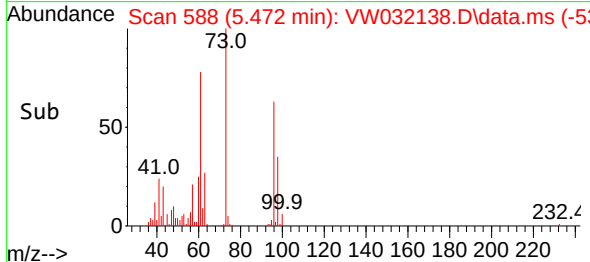
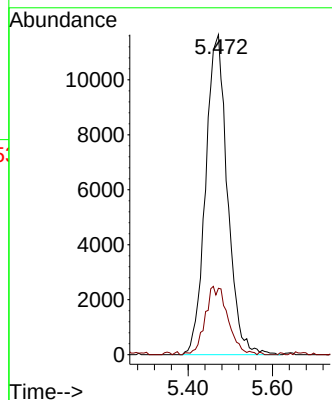
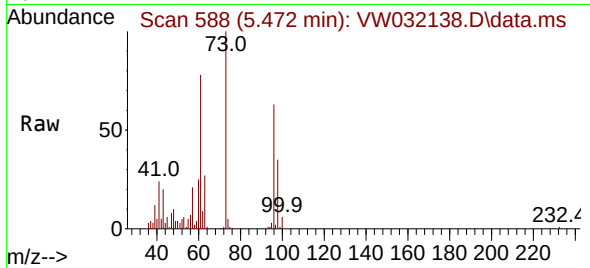




#19
Methyl tert-butyl Ether
Concen: 9.929 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

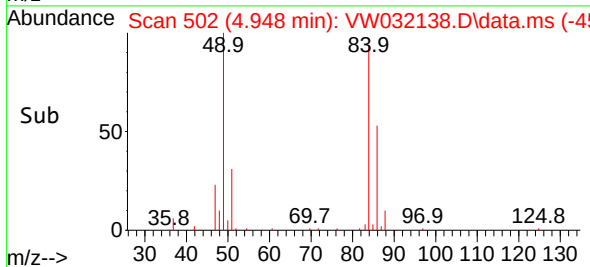
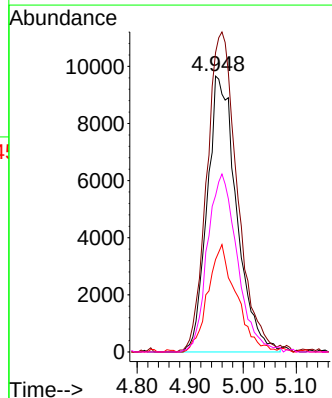
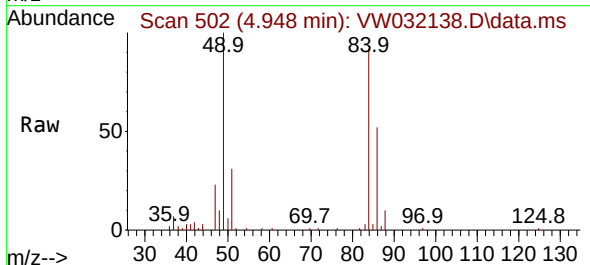
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

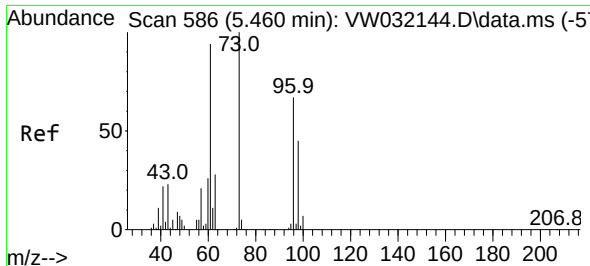
Tgt Ion: 73 Resp: 41859
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.4



#20
Methylene Chloride
Concen: 10.662 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 84 Resp: 37160
Ion Ratio Lower Upper
84 100
49 107.8 92.2 138.4
51 33.6 31.0 46.6
86 56.7 50.5 75.7

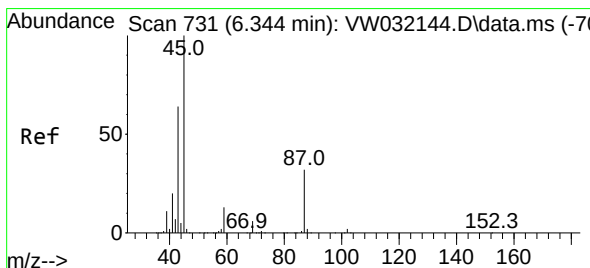
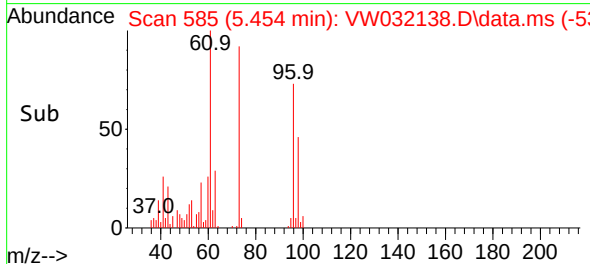
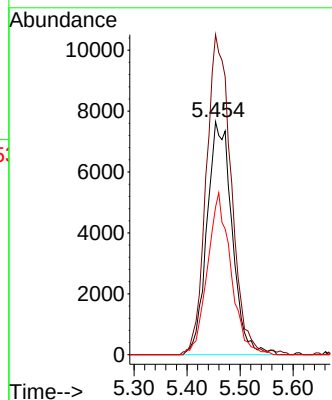
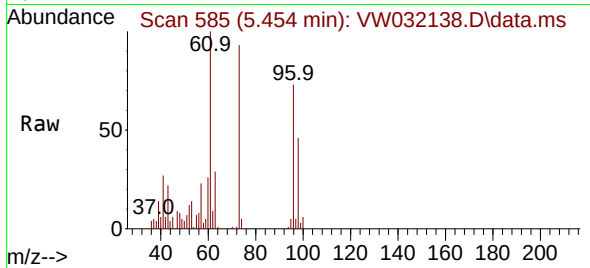




#21
trans-1,2-Dichloroethene
Concen: 10.084 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

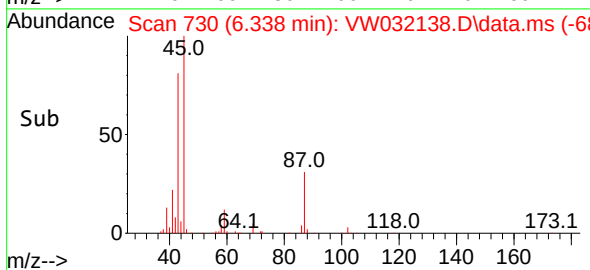
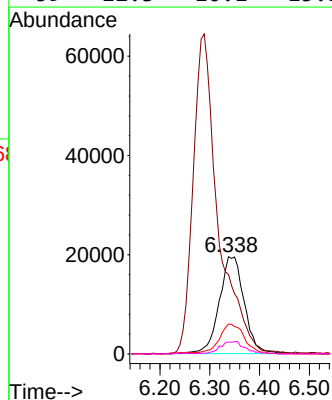
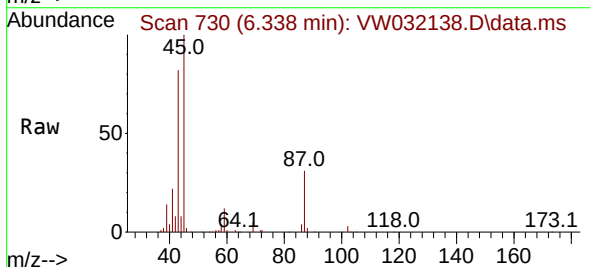
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

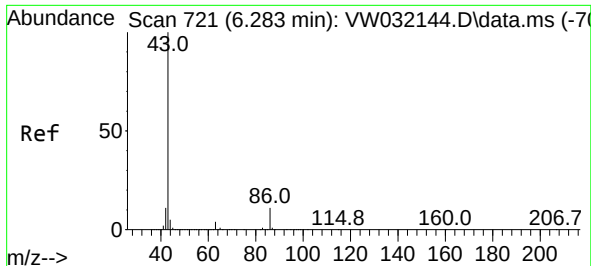
Tgt Ion: 96 Resp: 25148
Ion Ratio Lower Upper
96 100
61 137.3 112.5 168.7
98 63.3 54.2 81.4



#22
Diisopropyl ether
Concen: 9.766 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 45 Resp: 67403
Ion Ratio Lower Upper
45 100
43 80.1 51.4 77.2#
87 30.6 25.9 38.9
59 12.3 10.1 15.1

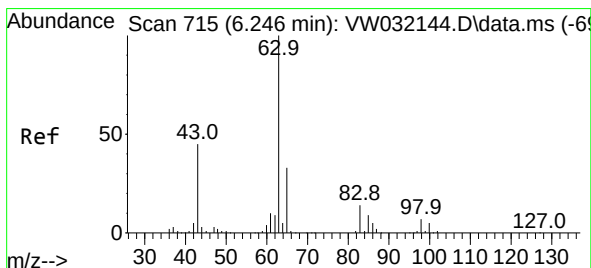
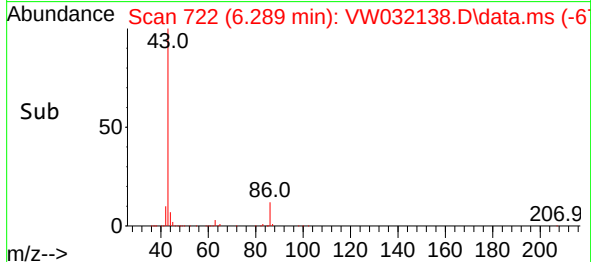
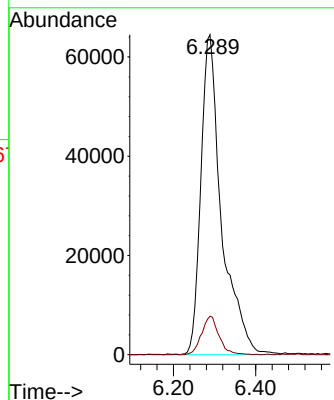
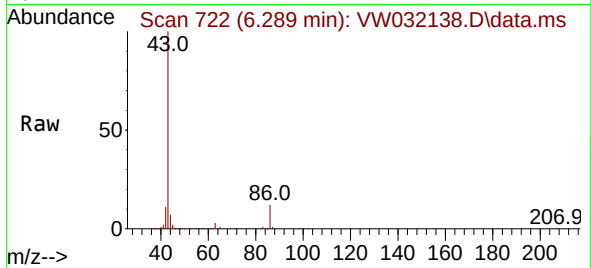




#23
 Vinyl Acetate
 Concen: 48.006 ug/l
 RT: 6.289 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW032138.D
 Acq: 26 Aug 2025 10:23

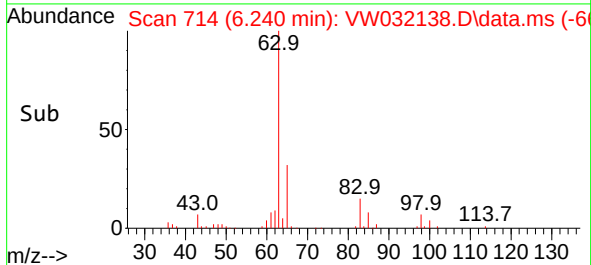
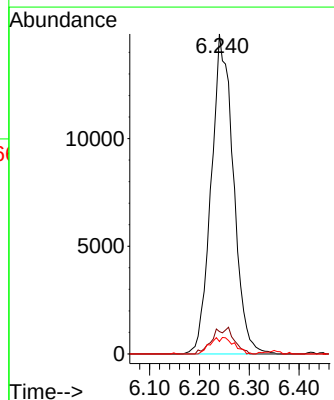
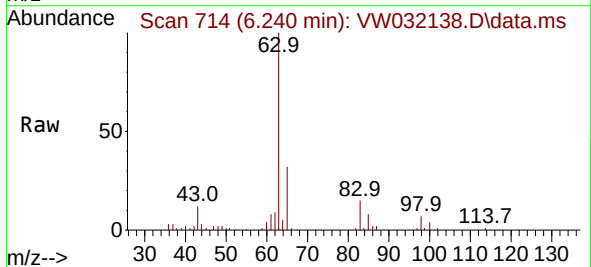
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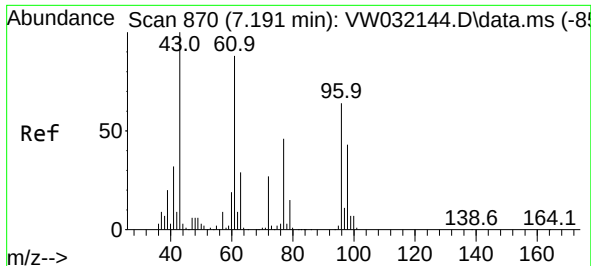
Tgt Ion: 43 Resp: 225264
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 10.127 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032138.D
 Acq: 26 Aug 2025 10:23

Tgt Ion: 63 Resp: 45759
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 3.9 2.5 7.5

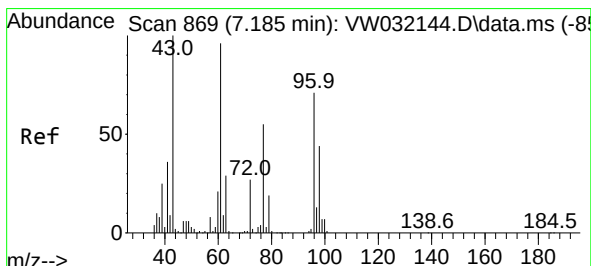
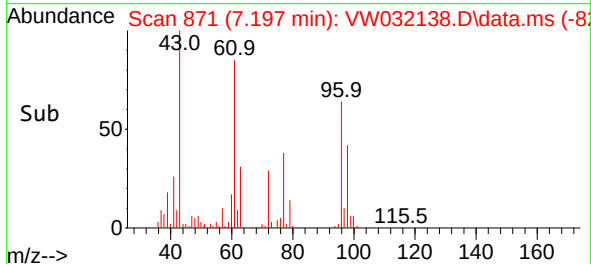
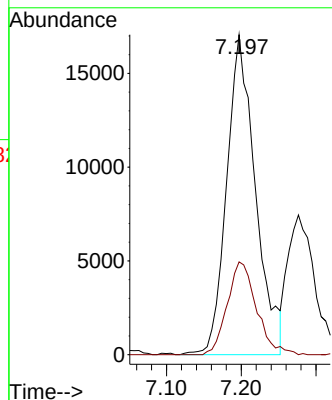
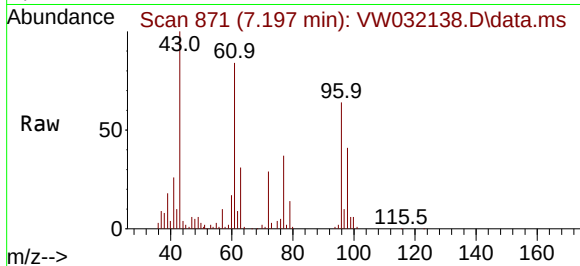




#25
2-Butanone
Concen: 49.314 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

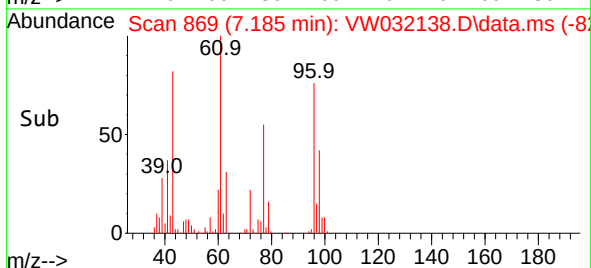
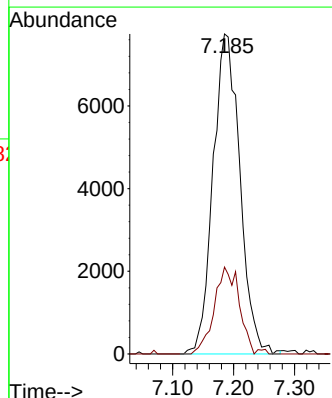
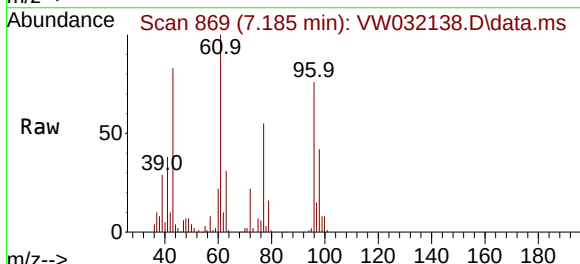
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

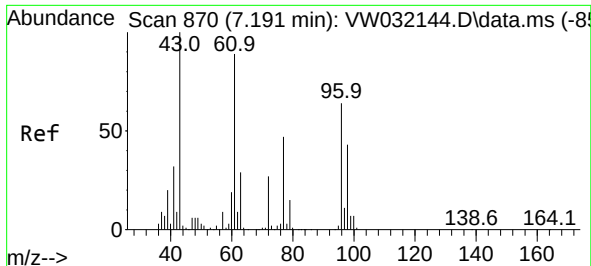
Tgt Ion: 43 Resp: 45718
Ion Ratio Lower Upper
43 100
72 29.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 9.902 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 77 Resp: 23694
Ion Ratio Lower Upper
77 100
97 25.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 10.030 ug/l

RT: 7.197 min Scan# 870

Delta R.T. 0.006 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

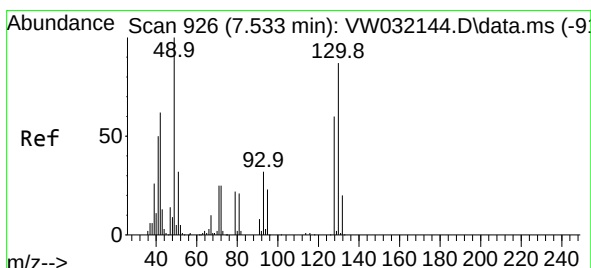
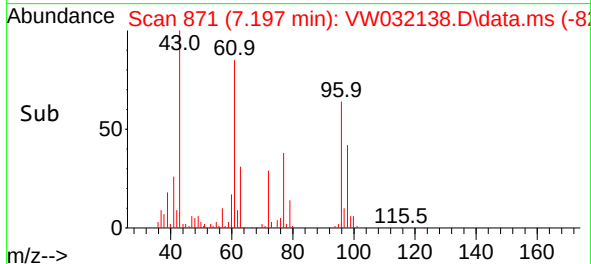
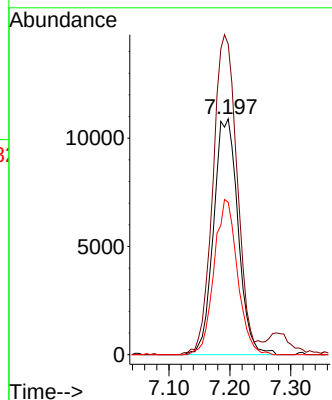
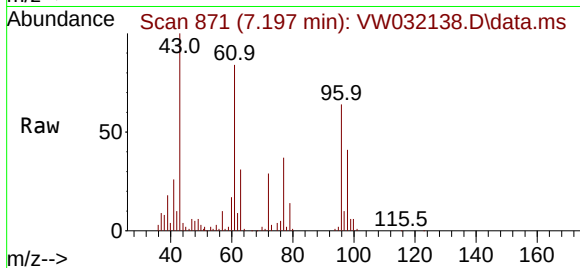
Tgt Ion: 96 Resp: 30439

Ion Ratio Lower Upper

96 100

61 135.3 0.0 268.0

98 63.0 0.0 130.8



#28

Bromochloromethane

Concen: 9.697 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

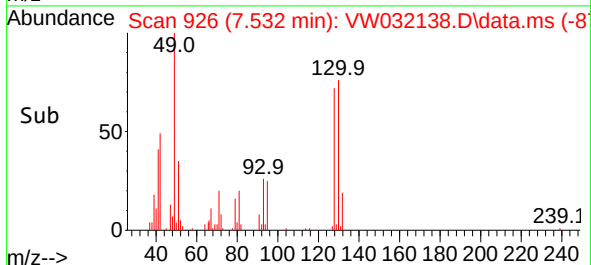
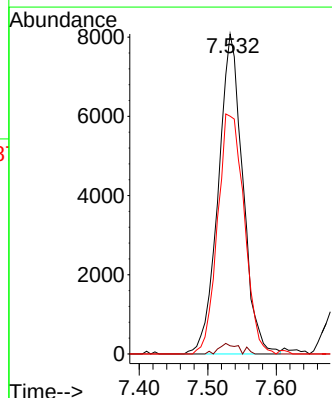
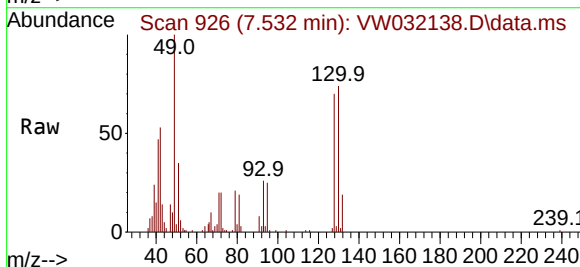
Tgt Ion: 49 Resp: 20056

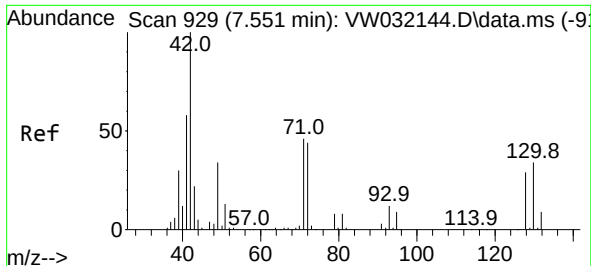
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 81.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 48.254 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

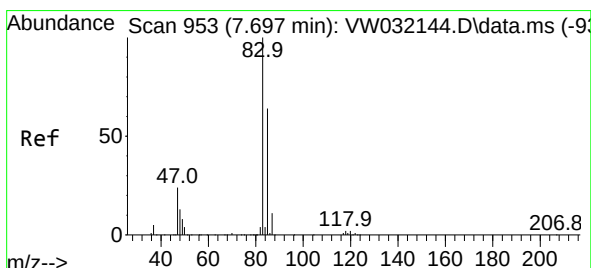
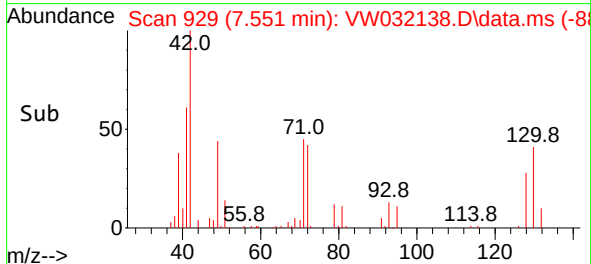
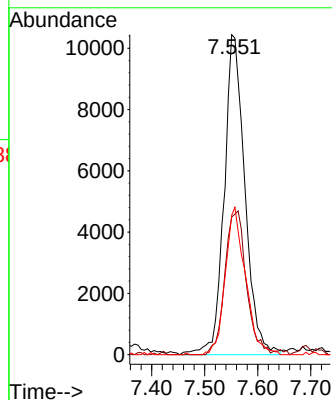
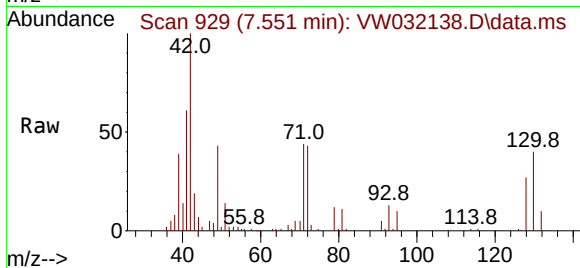
Tgt Ion: 42 Resp: 28428

Ion Ratio Lower Upper

42 100

72 46.5 37.4 56.2

71 44.8 36.0 54.0



#30

Chloroform

Concen: 10.195 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032138.D

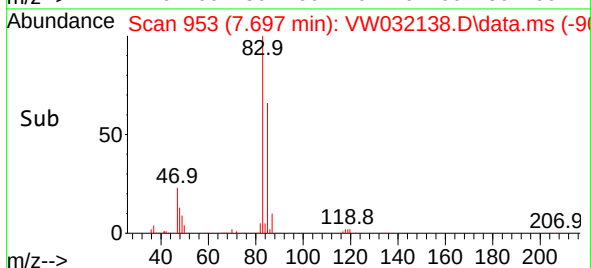
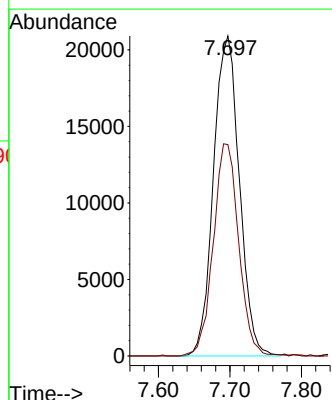
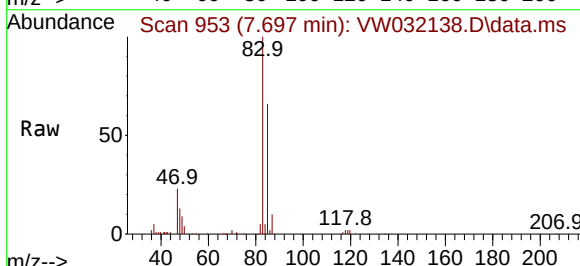
Acq: 26 Aug 2025 10:23

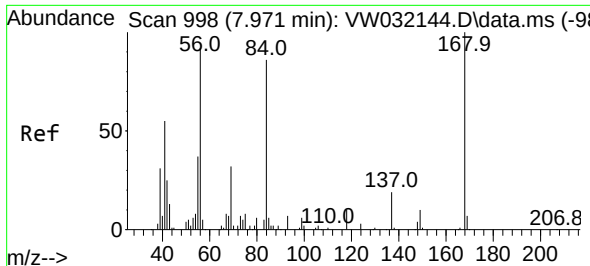
Tgt Ion: 83 Resp: 52596

Ion Ratio Lower Upper

83 100

85 66.1 51.2 76.8

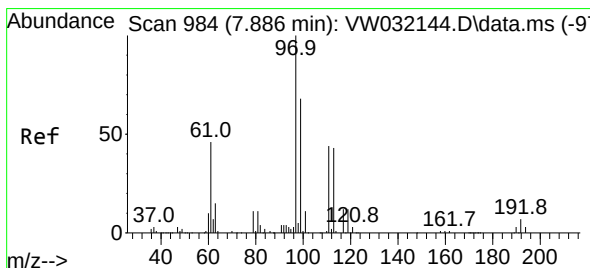
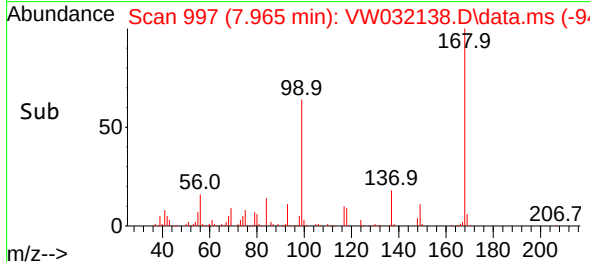
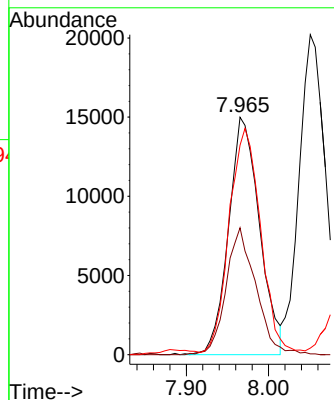
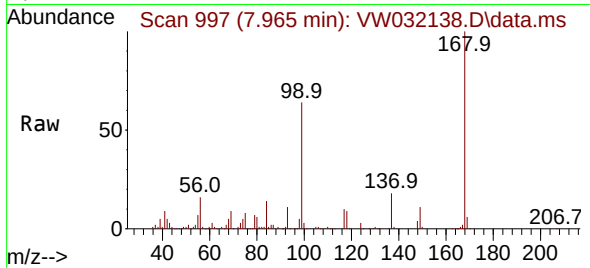




#31
Cyclohexane
Concen: 10.590 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

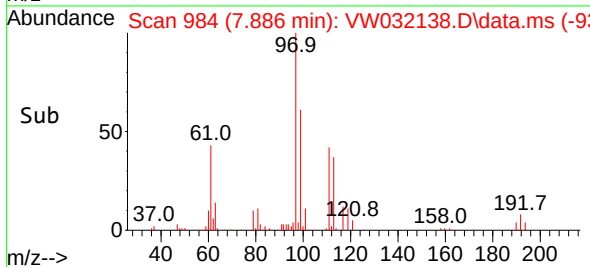
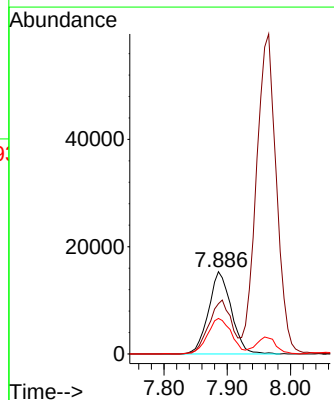
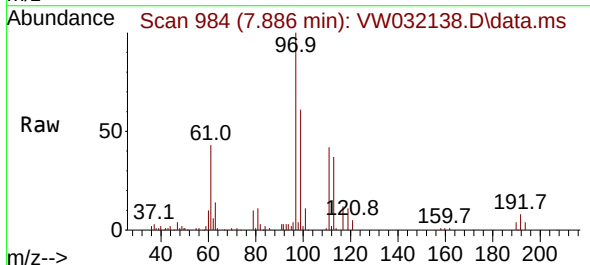
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

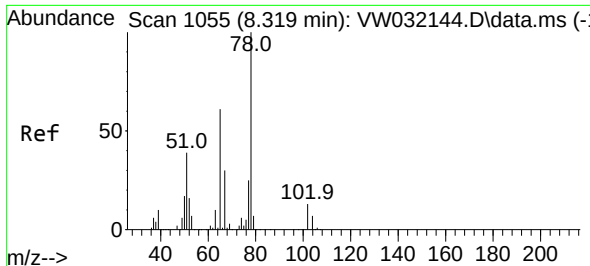
Tgt Ion: 56 Resp: 39275
Ion Ratio Lower Upper
56 100
69 53.4 27.7 41.5#
84 86.5 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 10.176 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 97 Resp: 38320
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 45.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 10.005 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

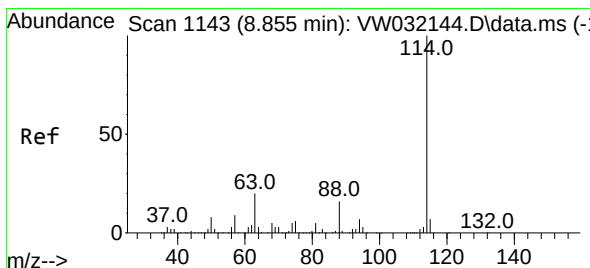
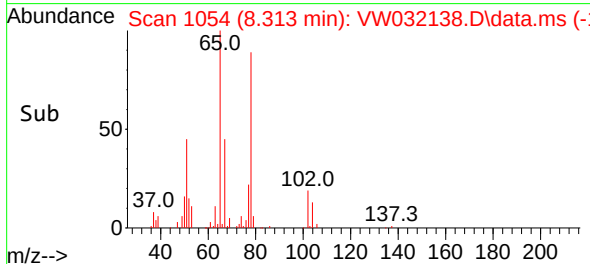
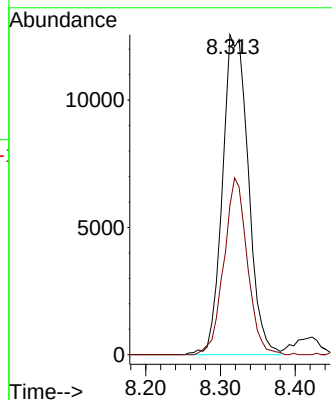
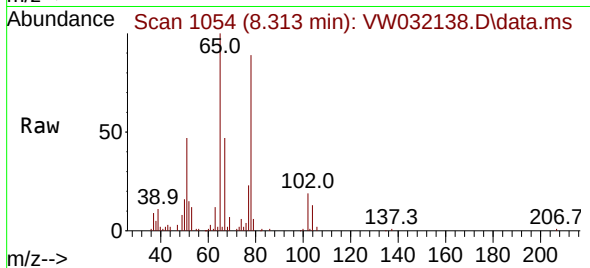
VSTDIC010

Tgt Ion: 65 Resp: 30225

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

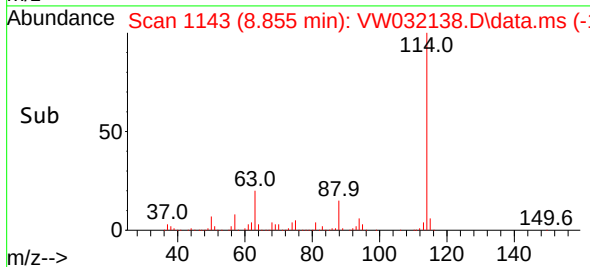
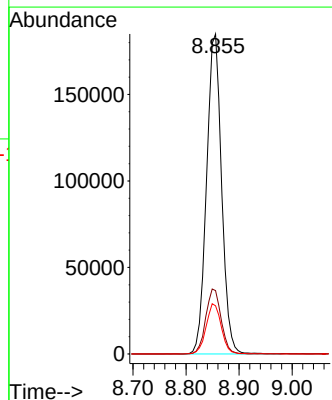
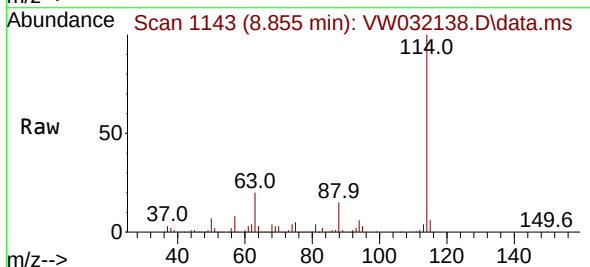
Tgt Ion: 114 Resp: 363619

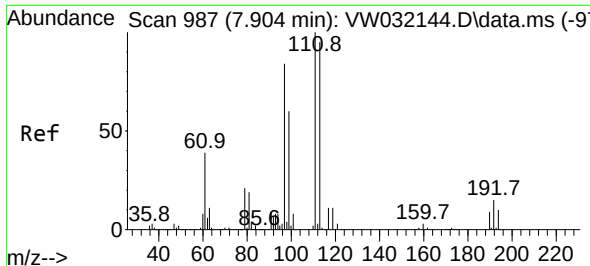
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.4

88 15.1 0.0 32.0

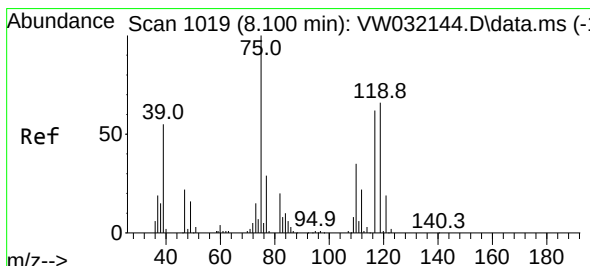
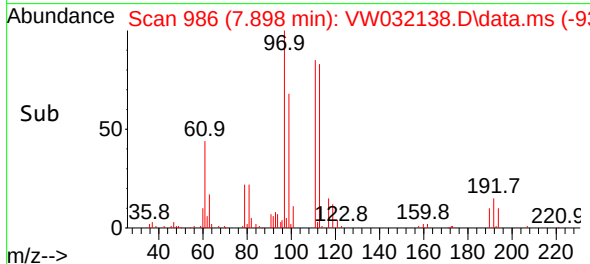
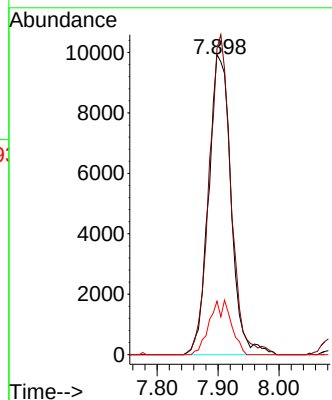
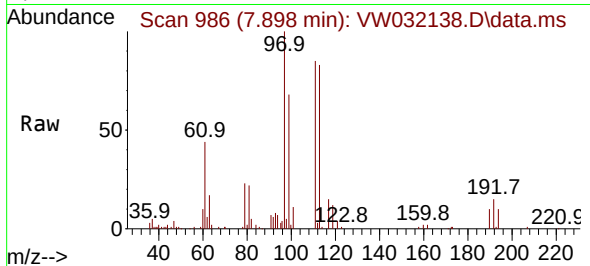




#35
 Dibromofluoromethane
 Concen: 9.980 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032138.D
 Acq: 26 Aug 2025 10:23

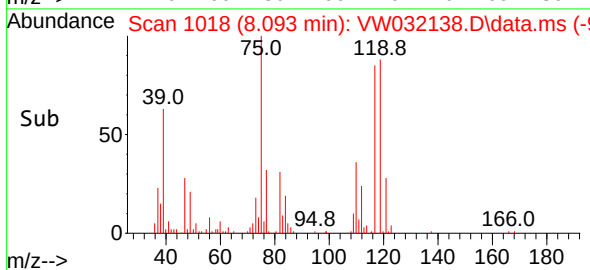
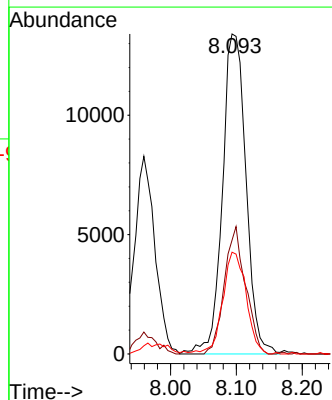
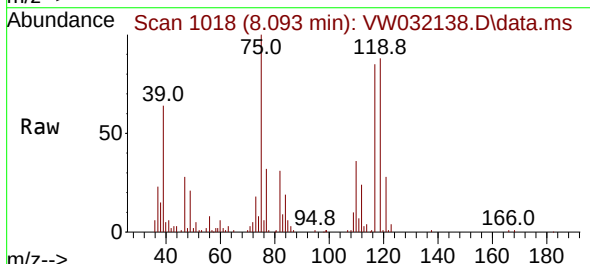
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

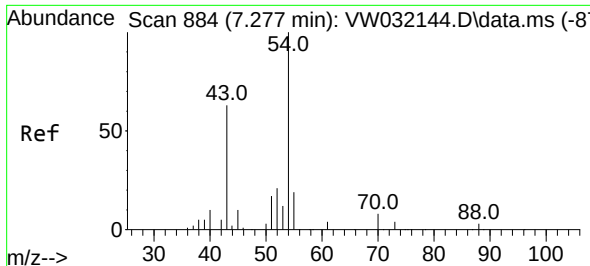
Tgt Ion:113 Resp: 25460
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.9 125.9
 192 17.6 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 10.113 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032138.D
 Acq: 26 Aug 2025 10:23

Tgt Ion: 75 Resp: 33450
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.5 52.5
 77 31.7 24.1 36.1

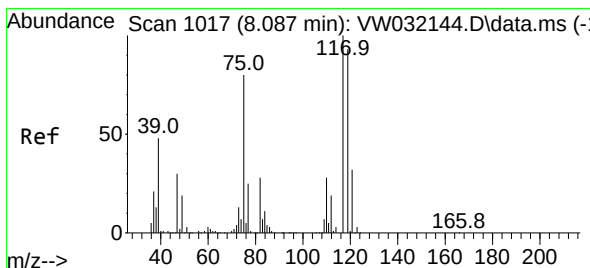
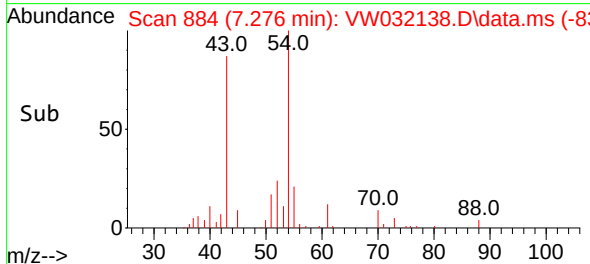
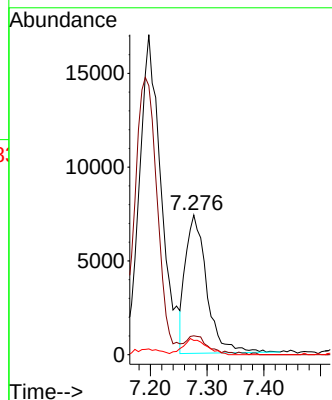
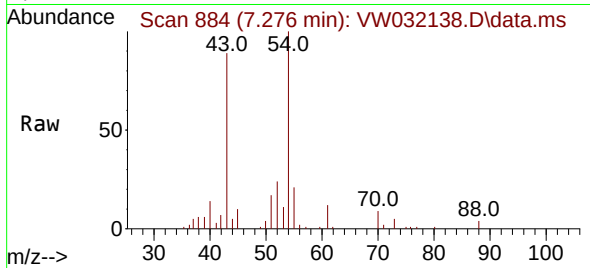




#37
Ethyl Acetate
Concen: 9.636 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

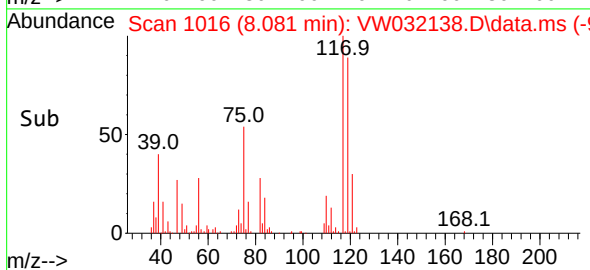
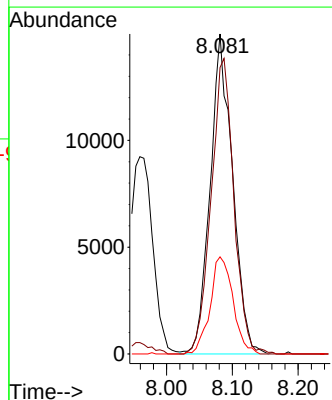
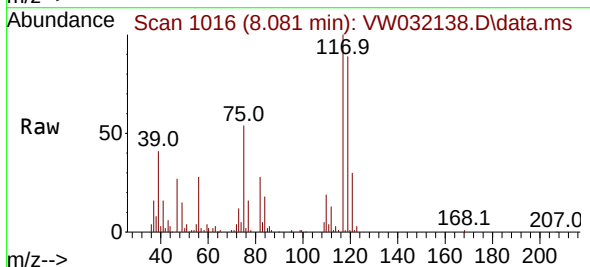
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

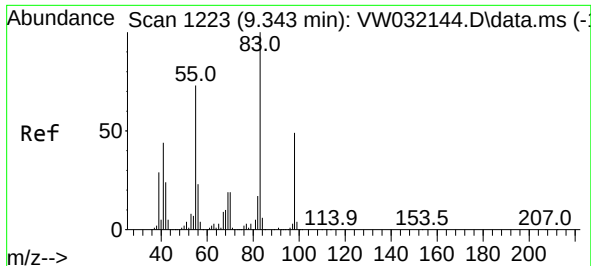
Tgt Ion:	43	Resp:	19121
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	12.6	8.9	13.3



#38
Carbon Tetrachloride
Concen: 10.029 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:	117	Resp:	35561
Ion	Ratio	Lower	Upper
117	100		
119	89.5	74.2	111.2
121	30.3	25.6	38.4





#39

Methylcyclohexane

Concen: 9.748 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

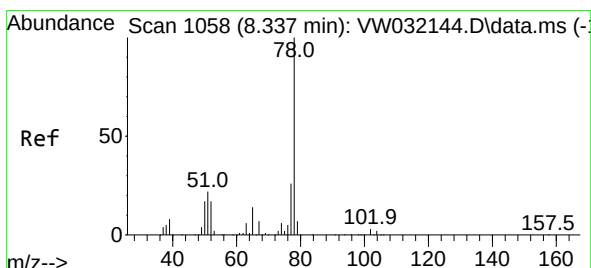
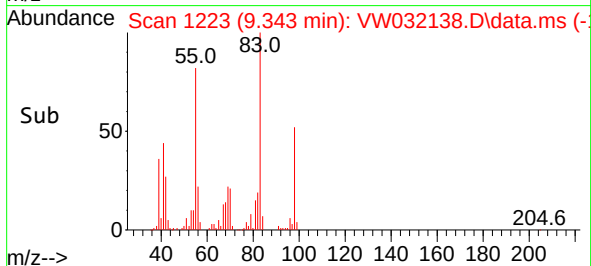
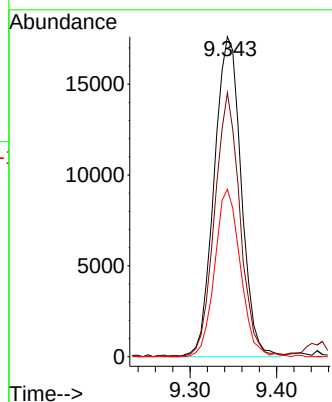
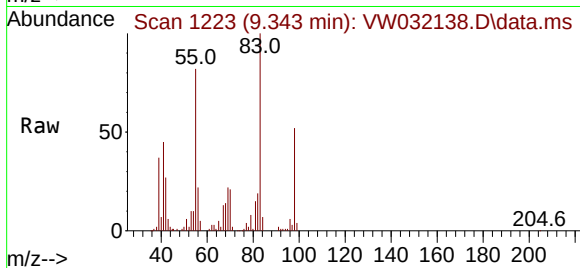
Tgt Ion: 83 Resp: 38190

Ion Ratio Lower Upper

83 100

55 82.2 58.4 87.6

98 52.3 39.4 59.2



#40

Benzene

Concen: 10.107 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032138.D

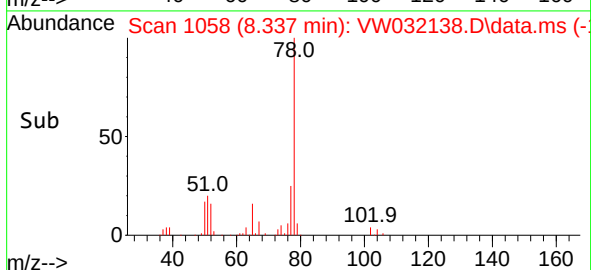
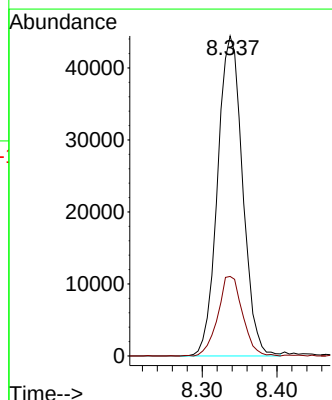
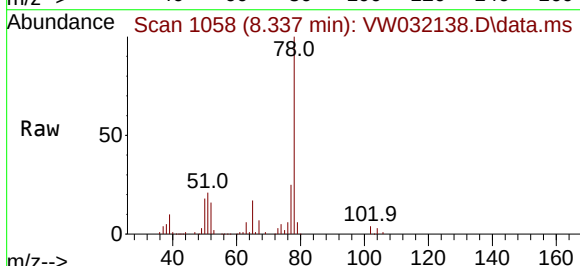
Acq: 26 Aug 2025 10:23

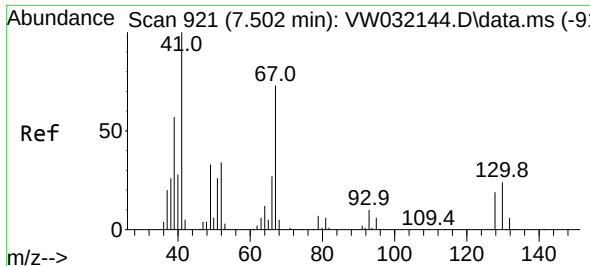
Tgt Ion: 78 Resp: 103343

Ion Ratio Lower Upper

78 100

77 24.8 20.7 31.1

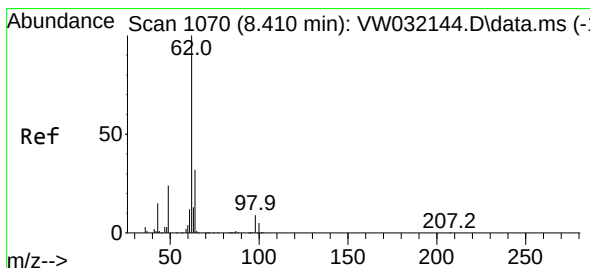
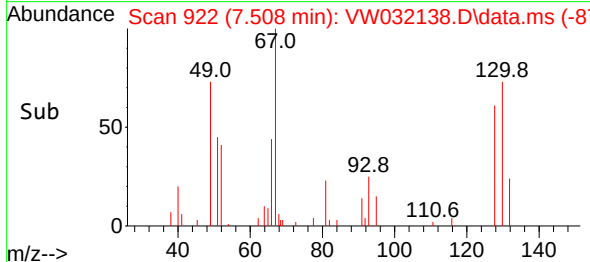
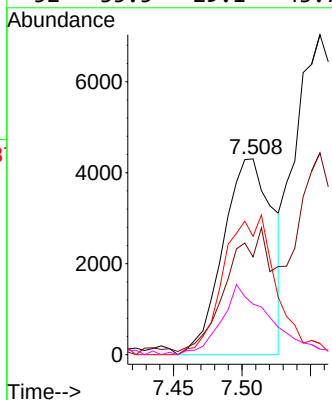
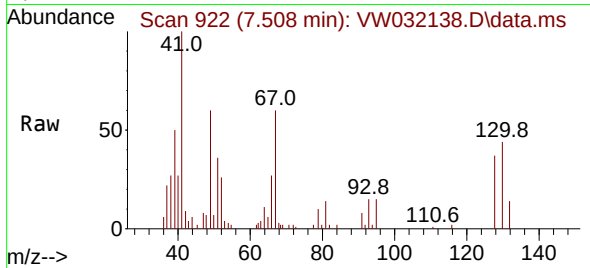




#41
Methacrylonitrile
Concen: 9.834 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

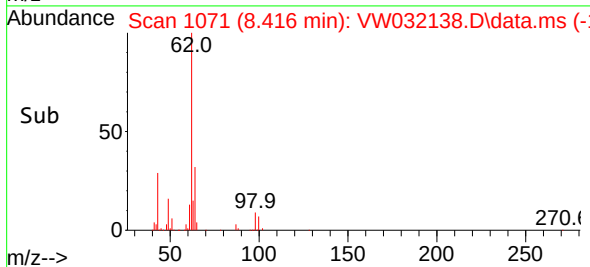
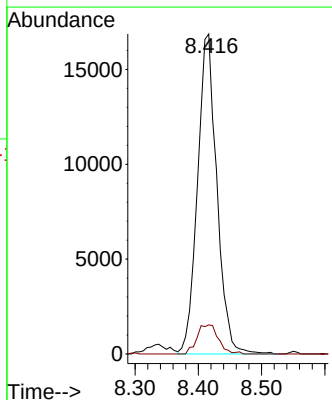
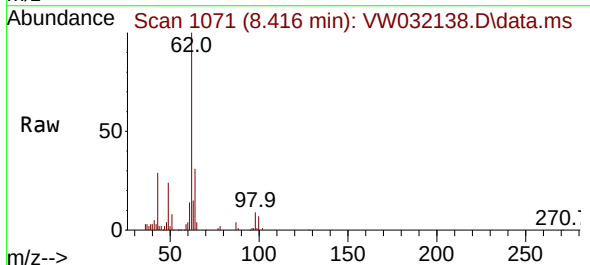
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

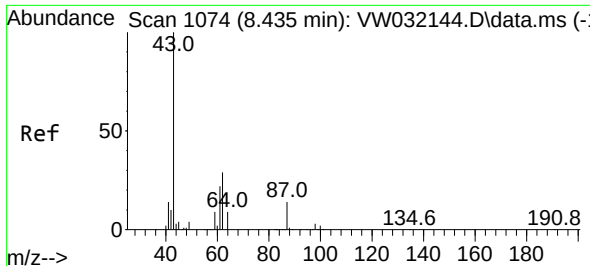
Tgt Ion:	41	Resp:	10841
Ion	Ratio	Lower	Upper
41	100		
39	57.3	50.9	76.3
67	75.3	65.6	98.4
52	35.5	29.1	43.7



#42
1,2-Dichloroethane
Concen: 10.144 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:	62	Resp:	35957
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.0

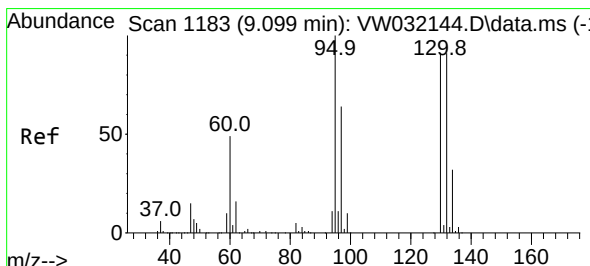
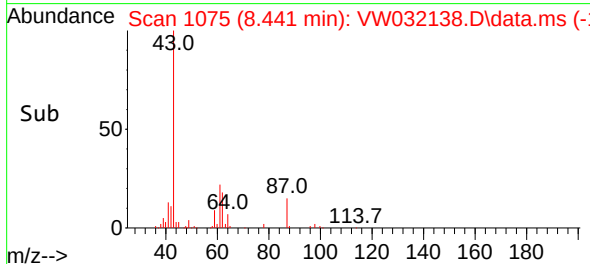
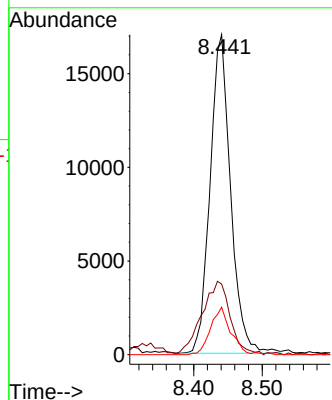
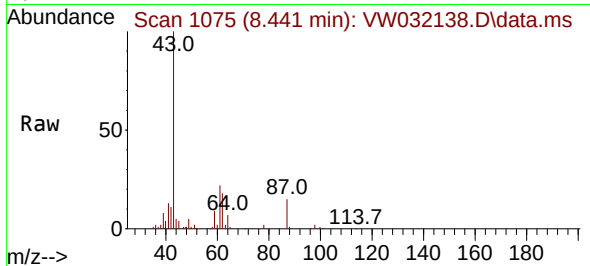




#43
Isopropyl Acetate
Concen: 9.528 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

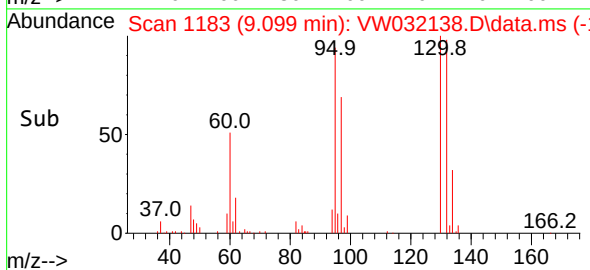
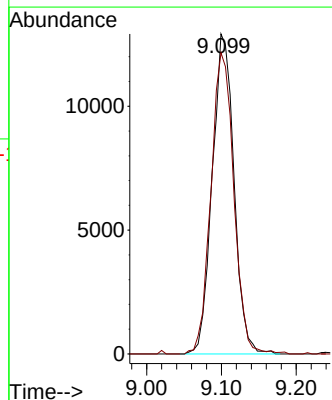
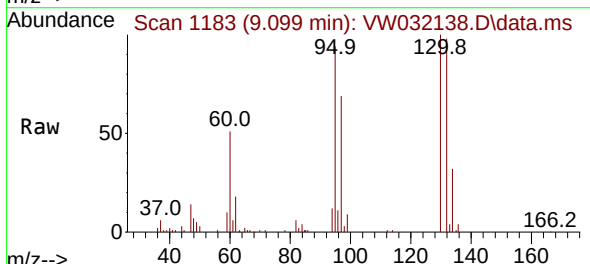
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

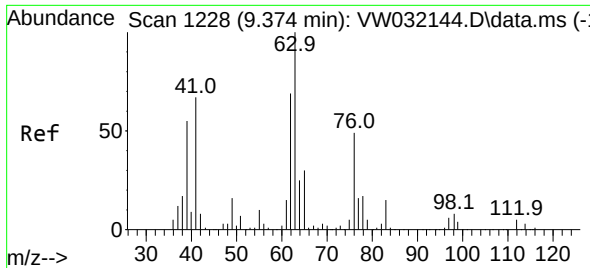
Tgt Ion: 43 Resp: 35470
Ion Ratio Lower Upper
43 100
61 31.7 23.3 34.9
87 14.5 11.1 16.7



#44
Trichloroethene
Concen: 10.156 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:130 Resp: 26114
Ion Ratio Lower Upper
130 100
95 94.1 0.0 220.0

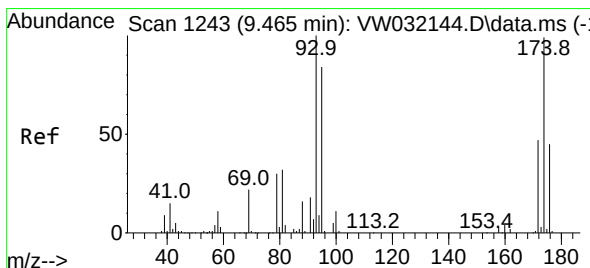
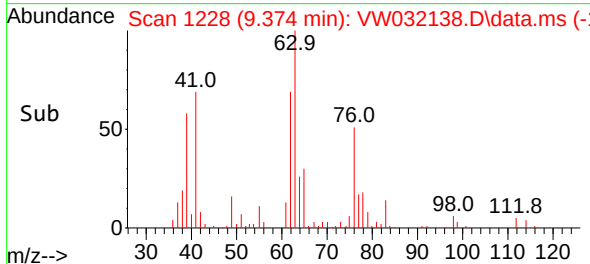
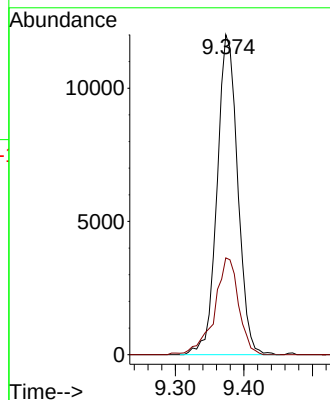
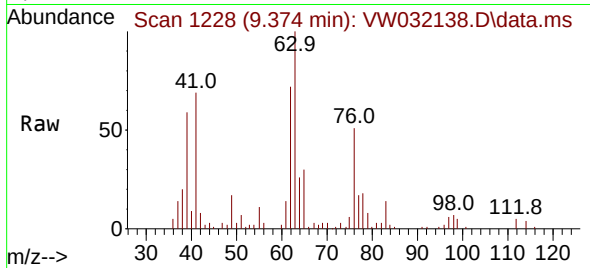




#45
1,2-Dichloropropane
Concen: 10.162 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

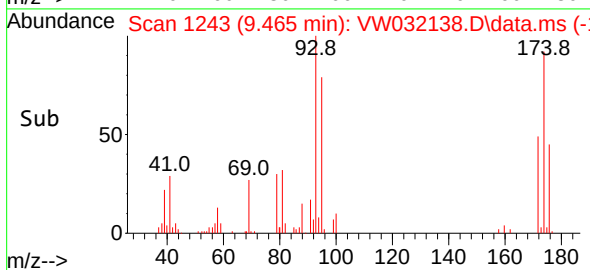
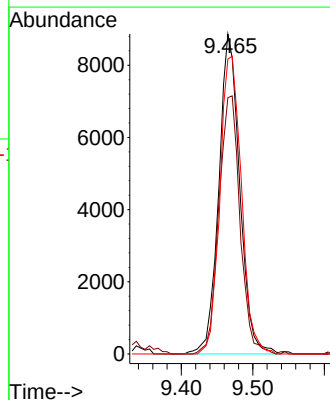
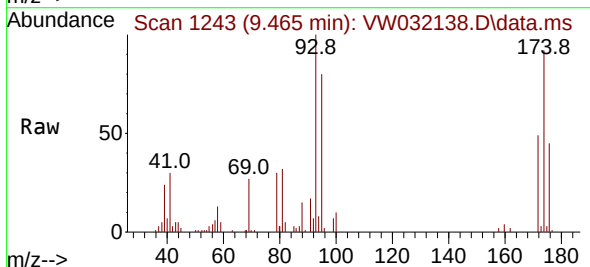
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

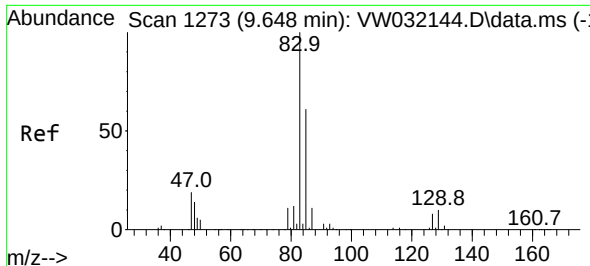
Tgt Ion: 63 Resp: 25046
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5



#46
Dibromomethane
Concen: 10.408 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 93 Resp: 17993
Ion Ratio Lower Upper
93 100
95 81.5 67.4 101.2
174 95.5 75.7 113.5

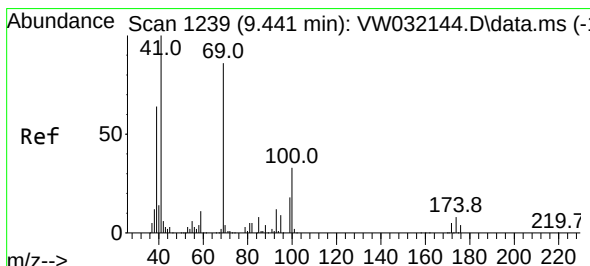
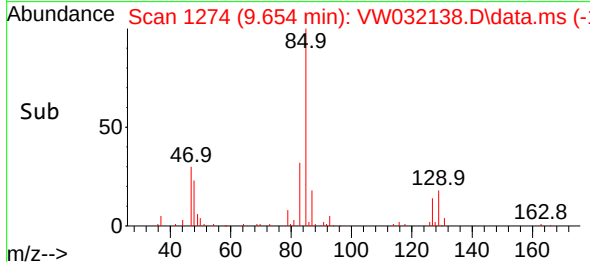
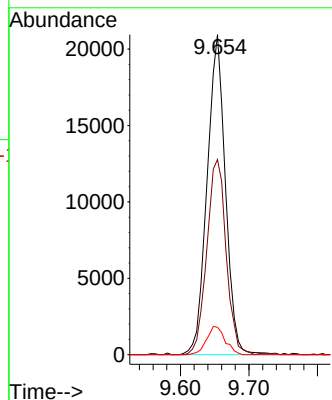
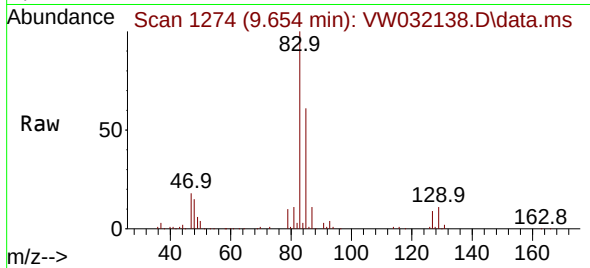




#47
Bromodichloromethane
Concen: 9.928 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

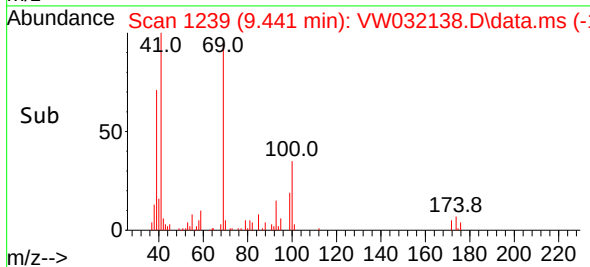
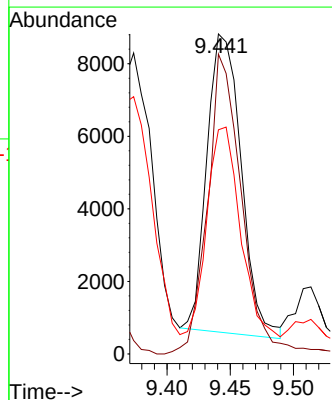
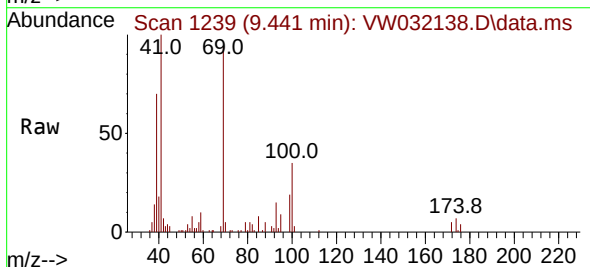
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

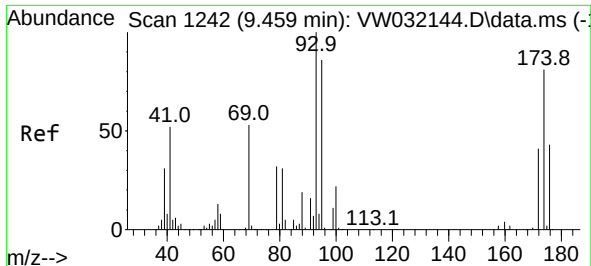
Tgt Ion: 83 Resp: 39005
Ion Ratio Lower Upper
83 100
85 61.0 48.7 73.1
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 9.026 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 41 Resp: 15484
Ion Ratio Lower Upper
41 100
69 100.6 71.5 107.3
39 80.2 55.9 83.9





#49

1,4-Dioxane

Concen: 164.547 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

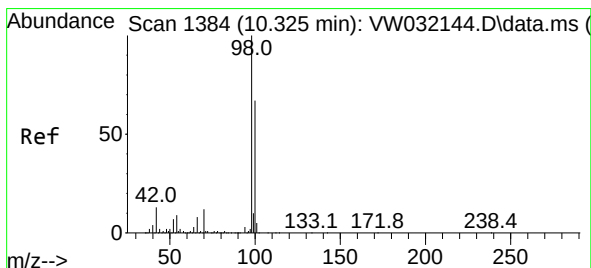
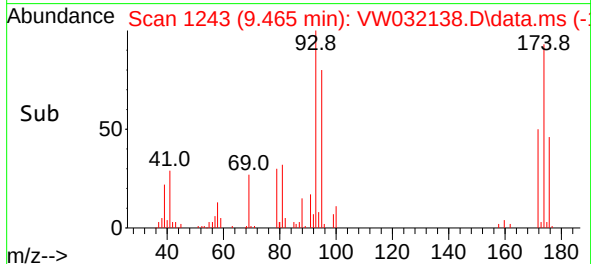
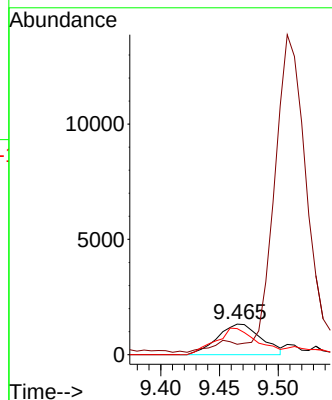
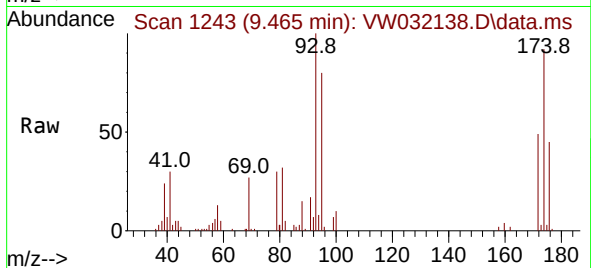
Tgt Ion: 88 Resp: 3437

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 81.7 55.4 83.0



#50

Toluene-d8

Concen: 9.864 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032138.D

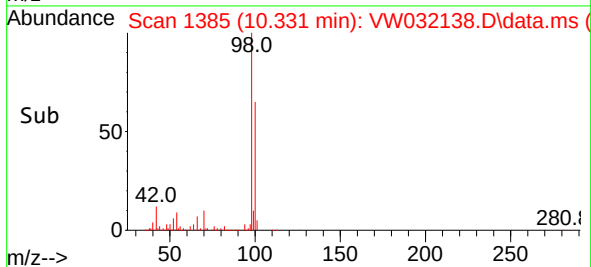
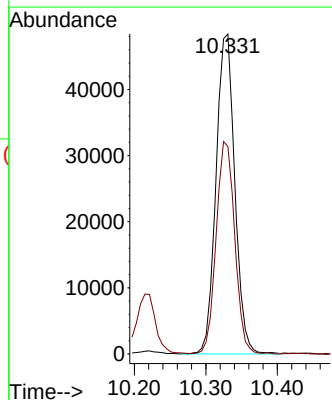
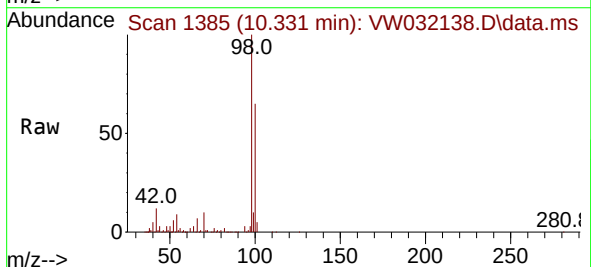
Acq: 26 Aug 2025 10:23

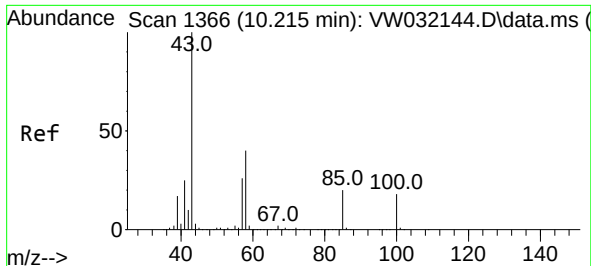
Tgt Ion: 98 Resp: 88342

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.2

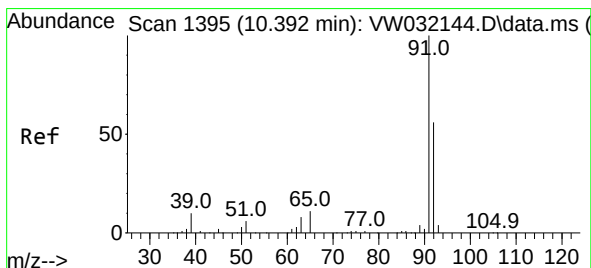
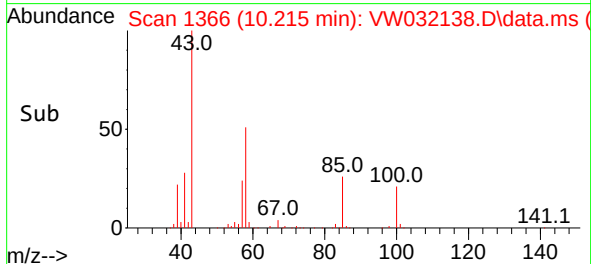
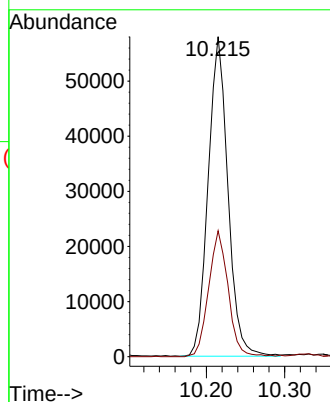
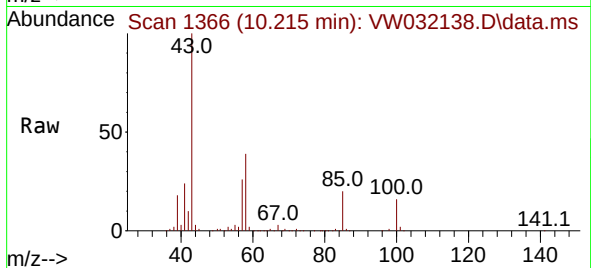




#51
4-Methyl-2-Pentanone
Concen: 48.302 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

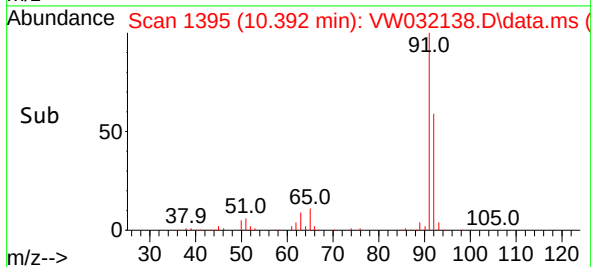
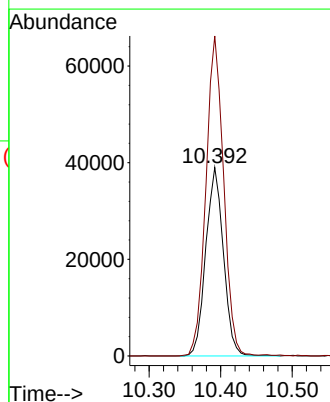
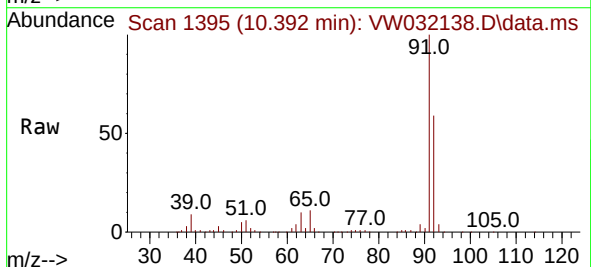
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

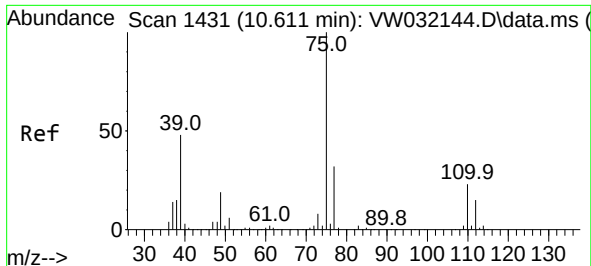
Tgt Ion: 43 Resp: 101528
Ion Ratio Lower Upper
43 100
58 38.9 32.0 48.0



#52
Toluene
Concen: 10.012 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 92 Resp: 66895
Ion Ratio Lower Upper
92 100
91 170.1 137.5 206.3

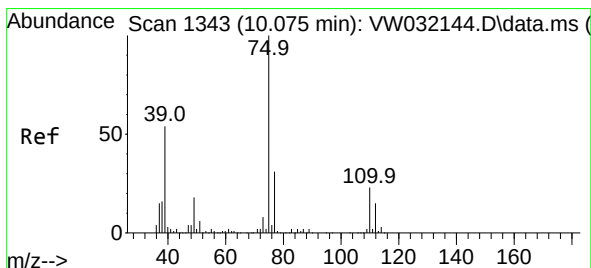
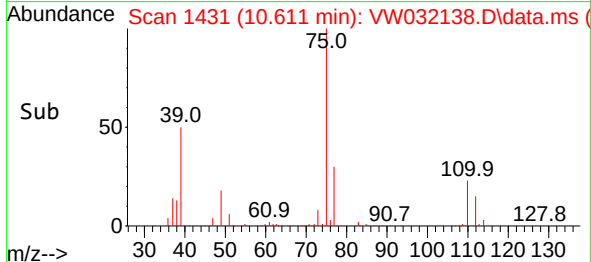
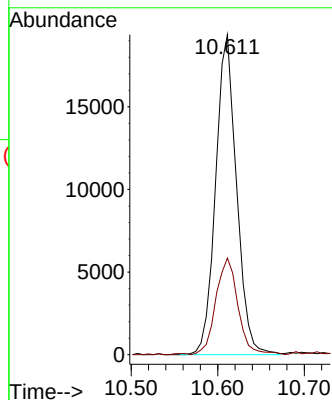
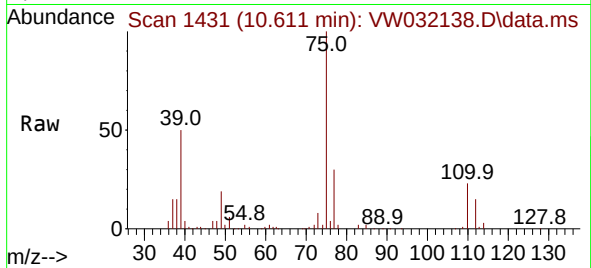




#53
t-1,3-Dichloropropene
Concen: 9.366 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

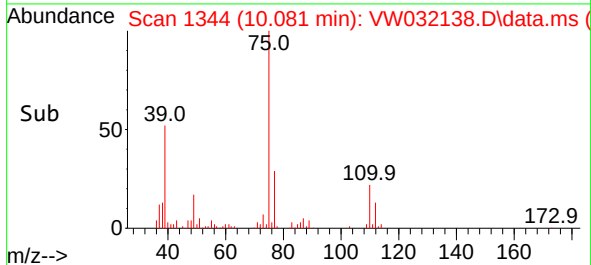
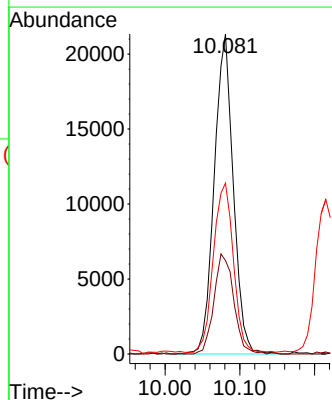
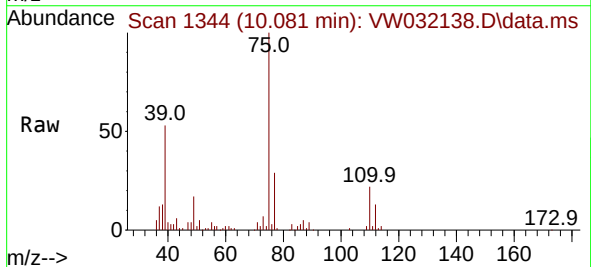
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

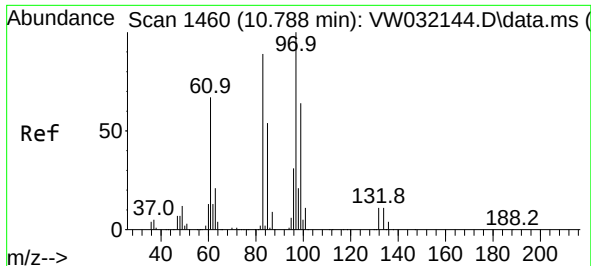
Tgt Ion: 75 Resp: 32461
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 9.547 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 75 Resp: 37752
Ion Ratio Lower Upper
75 100
77 29.2 25.1 37.7
39 52.7 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 10.143 ug/l

RT: 10.794 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 22801

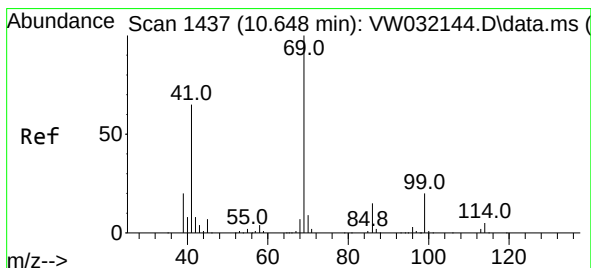
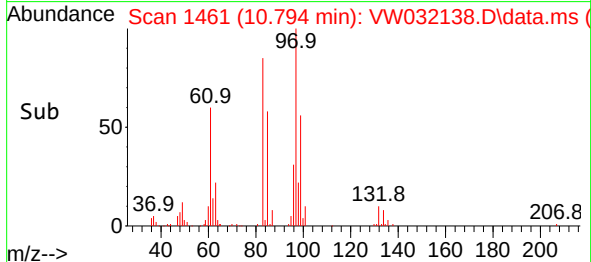
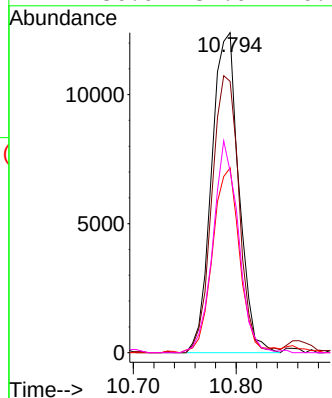
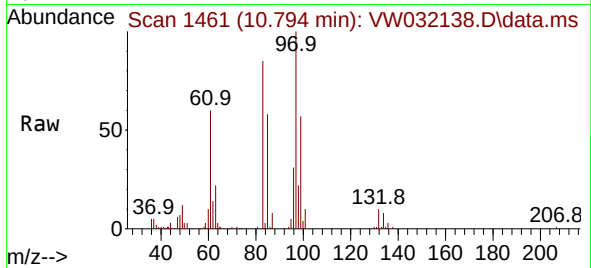
Ion Ratio Lower Upper

97 100

83 84.8 71.0 106.6

85 57.8 42.8 64.2

99 56.6 51.0 76.6



#56

Ethyl methacrylate

Concen: 9.259 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

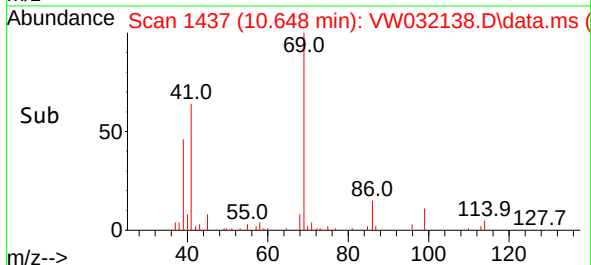
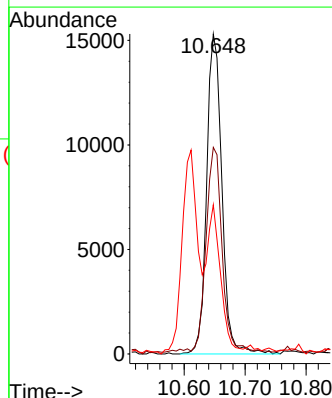
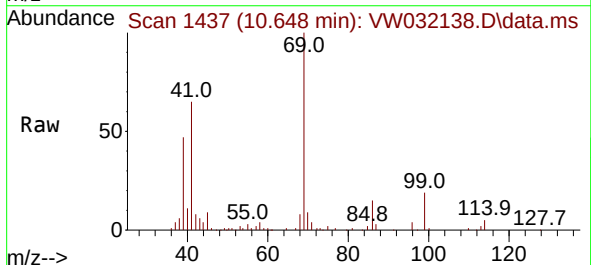
Tgt Ion: 69 Resp: 26610

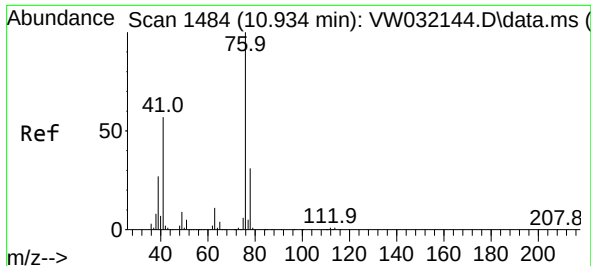
Ion Ratio Lower Upper

69 100

41 69.2 53.2 79.8

39 39.9 32.9 49.3





#57

1,3-Dichloropropane

Concen: 10.119 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

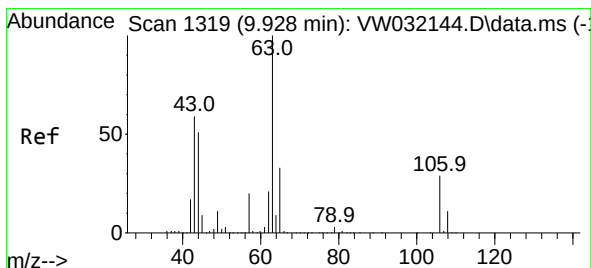
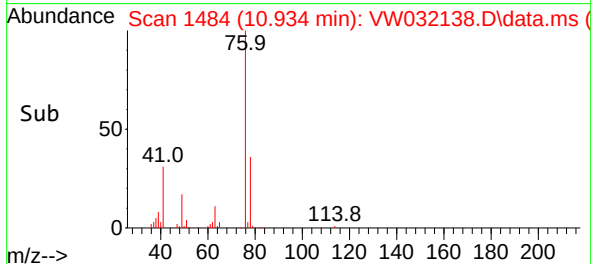
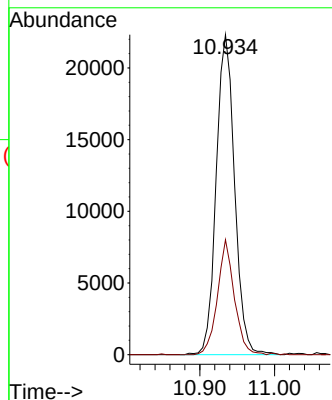
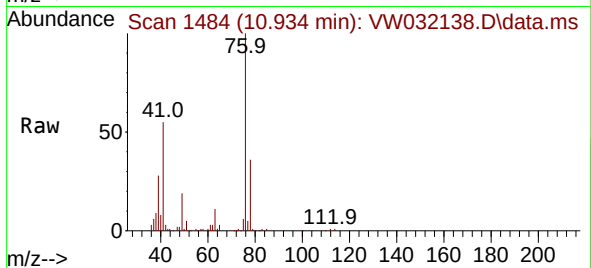
VSTDIC010

Tgt Ion: 76 Resp: 38090

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 48.041 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032138.D

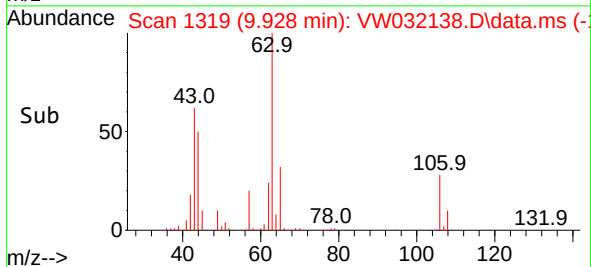
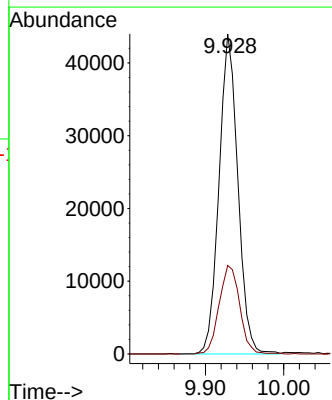
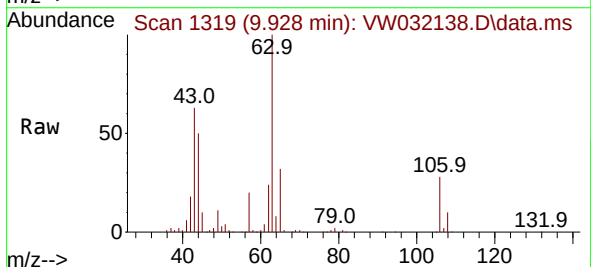
Acq: 26 Aug 2025 10:23

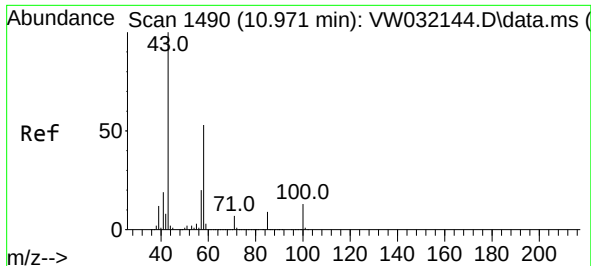
Tgt Ion: 63 Resp: 73697

Ion Ratio Lower Upper

63 100

106 30.1 24.3 36.5





#59

2-Hexanone

Concen: 46.989 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

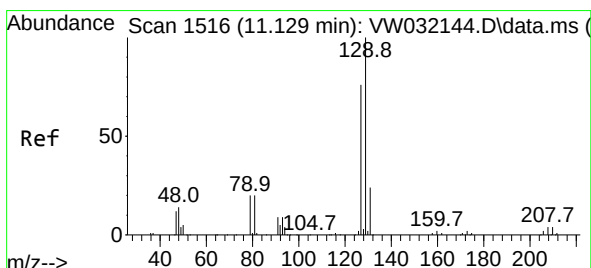
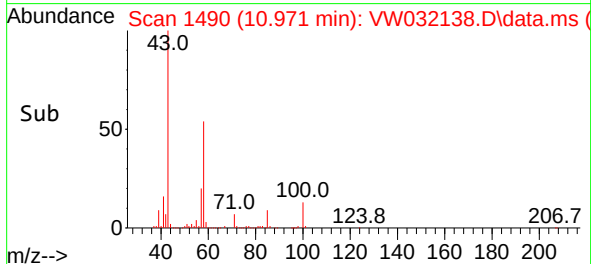
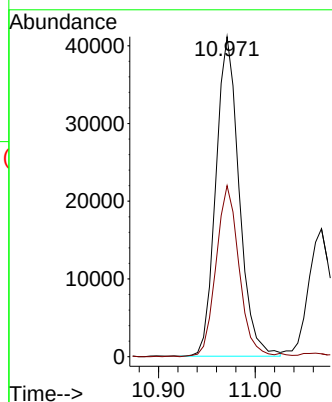
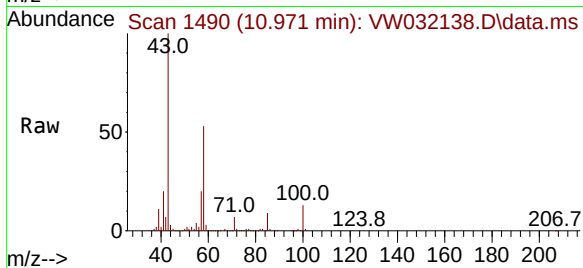
VSTDIC010

Tgt Ion: 43 Resp: 68690

Ion Ratio Lower Upper

43 100

58 52.9 27.5 82.4



#60

Dibromochloromethane

Concen: 9.626 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW032138.D

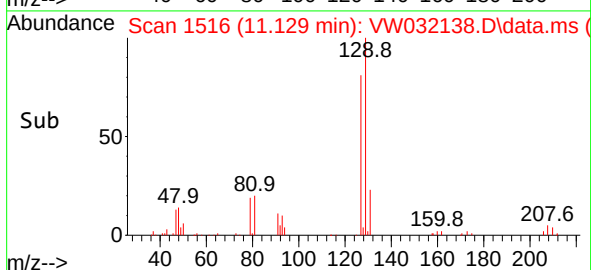
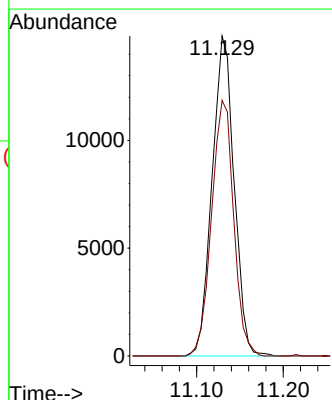
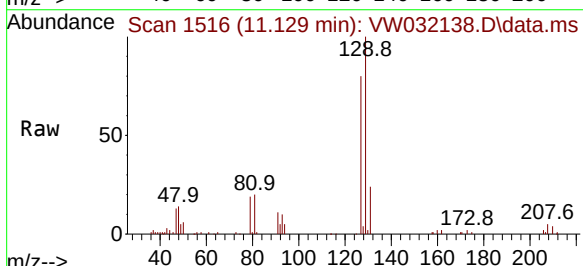
Acq: 26 Aug 2025 10:23

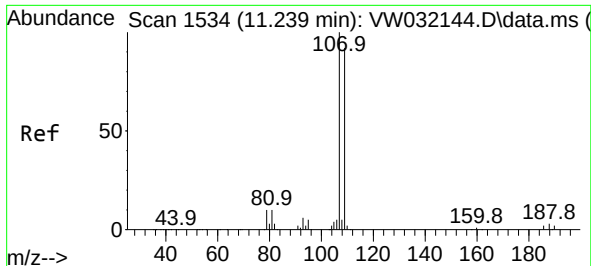
Tgt Ion: 129 Resp: 26185

Ion Ratio Lower Upper

129 100

127 80.3 38.1 114.5

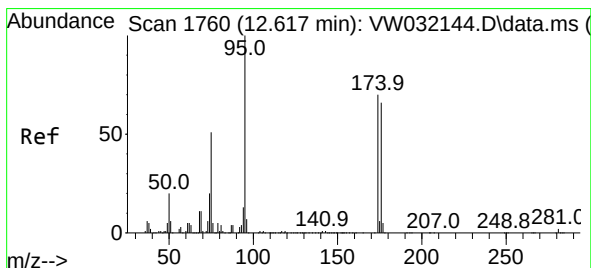
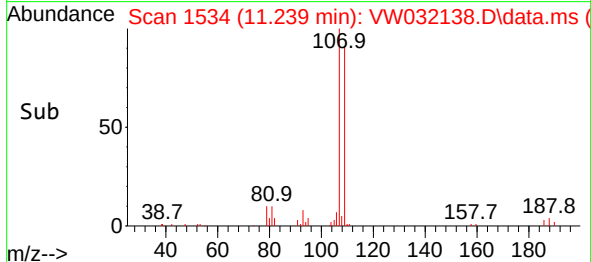
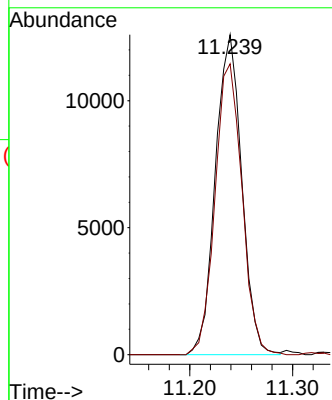
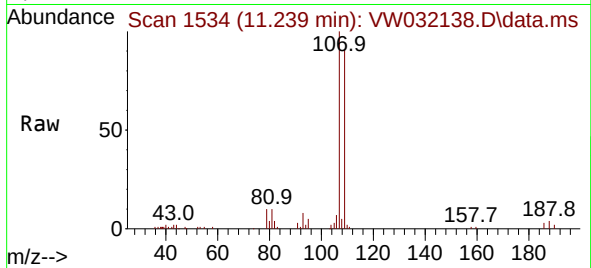




#61
1,2-Dibromoethane
Concen: 10.151 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

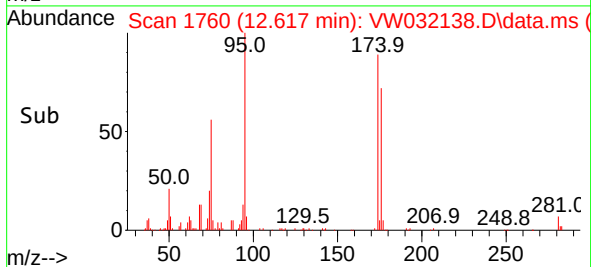
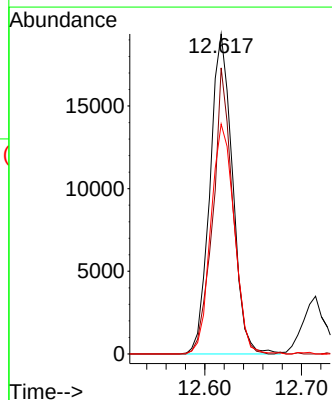
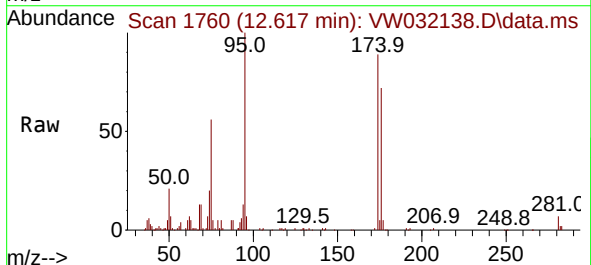
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

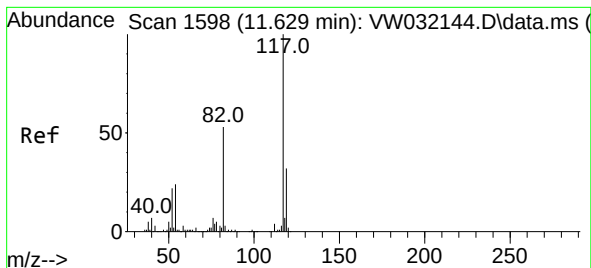
Tgt Ion:107 Resp: 22442
Ion Ratio Lower Upper
107 100
109 92.9 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 9.461 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 95 Resp: 31333
Ion Ratio Lower Upper
95 100
174 78.6 0.0 145.6
176 74.8 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

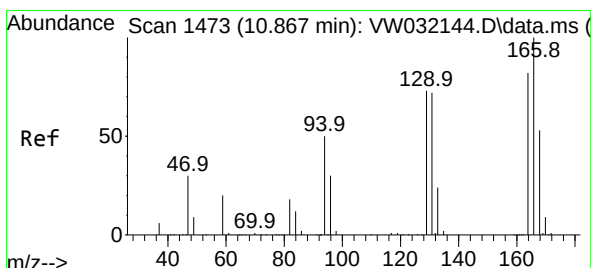
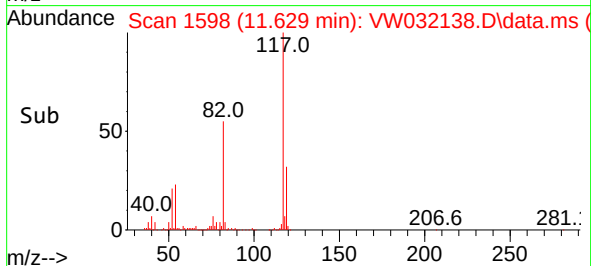
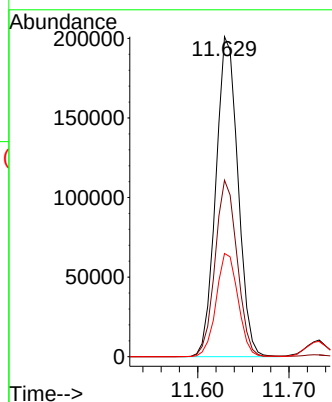
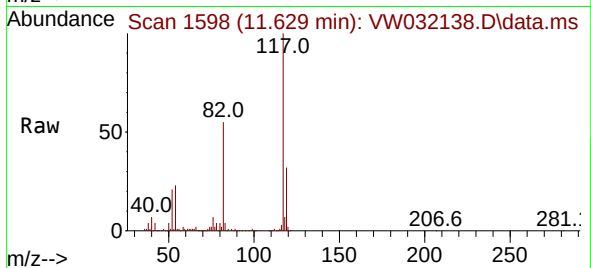
Tgt Ion:117 Resp: 338426

Ion Ratio Lower Upper

117 100

82 55.1 42.7 64.1

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 10.095 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Tgt Ion:164 Resp: 22486

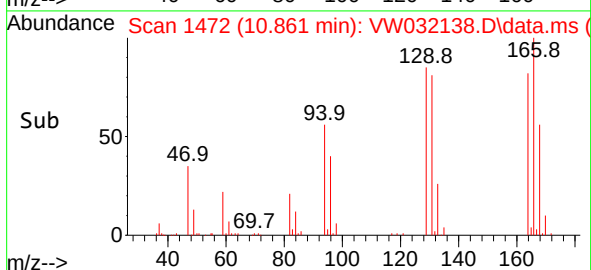
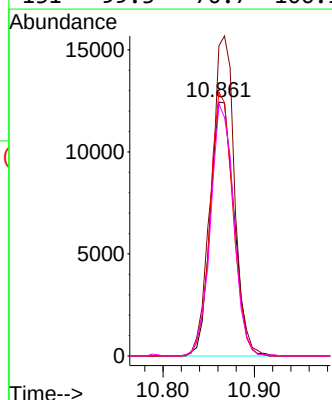
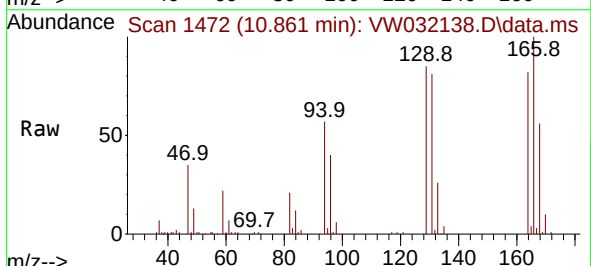
Ion Ratio Lower Upper

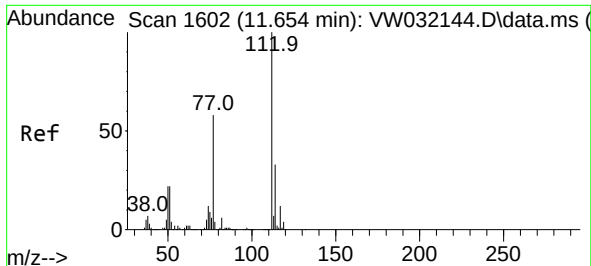
164 100

166 122.2 97.5 146.3

129 103.8 71.2 106.8

131 99.3 70.7 106.1

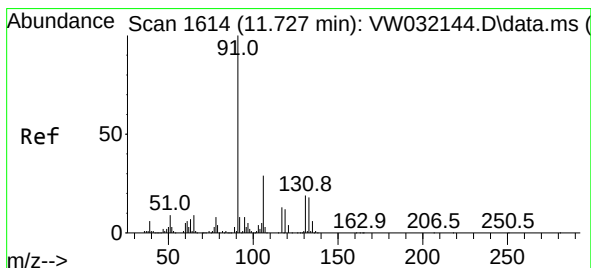
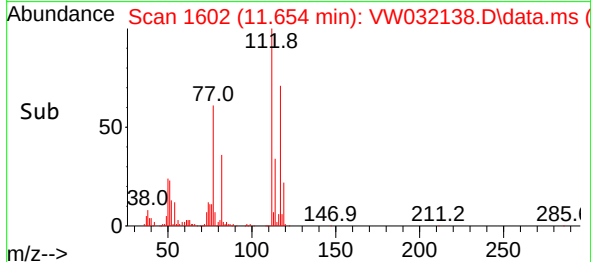
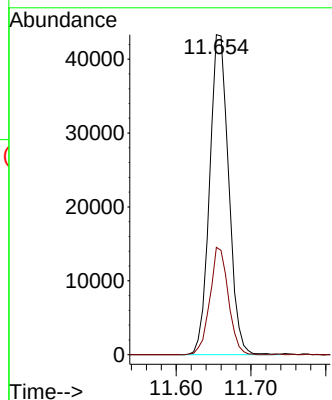
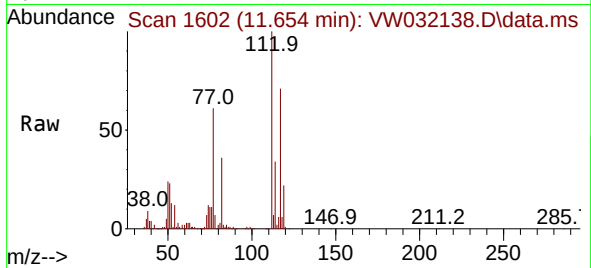




#65
Chlorobenzene
Concen: 9.948 ug/l
RT: 11.654 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

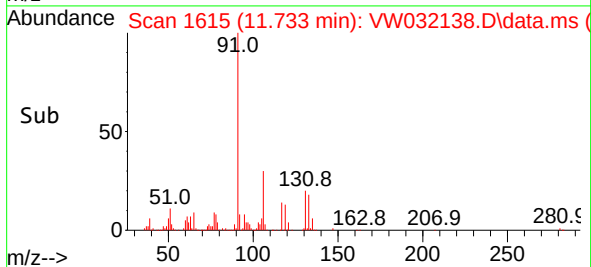
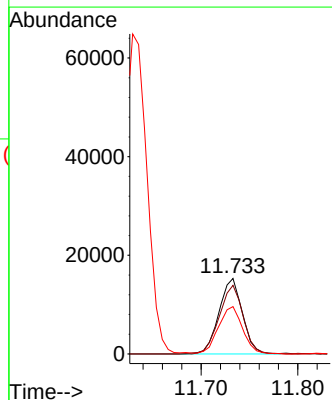
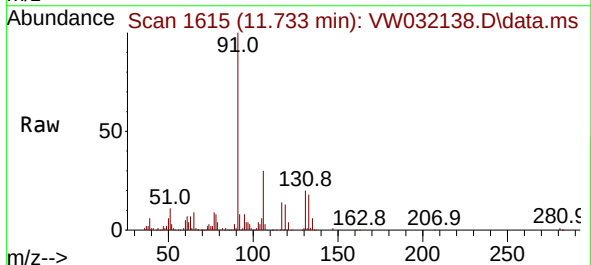
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

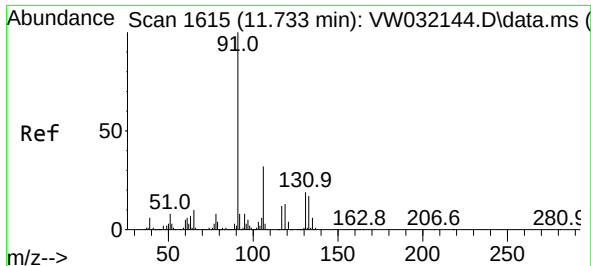
Tgt Ion:112 Resp: 76630
Ion Ratio Lower Upper
112 100
114 33.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.127 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:131 Resp: 25682
Ion Ratio Lower Upper
131 100
133 92.7 47.7 143.1
119 65.0 32.8 98.3





#67

Ethyl Benzene

Concen: 9.775 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

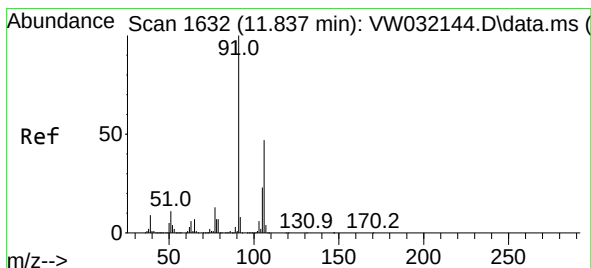
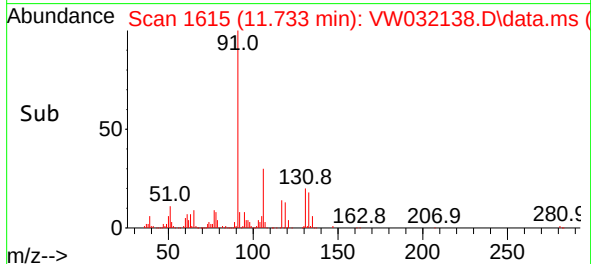
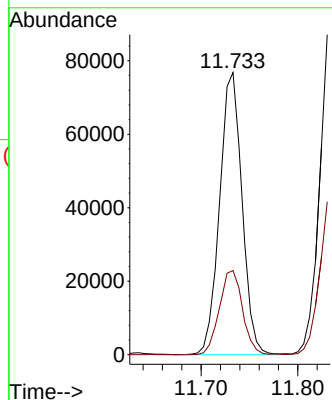
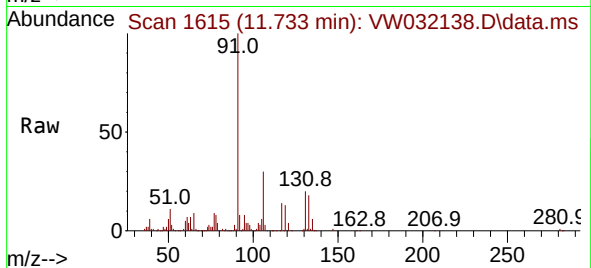
VSTDIC010

Tgt Ion: 91 Resp: 123370

Ion Ratio Lower Upper

91 100

106 29.8 25.3 37.9



#68

m/p-Xylenes

Concen: 19.521 ug/l

RT: 11.843 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW032138.D

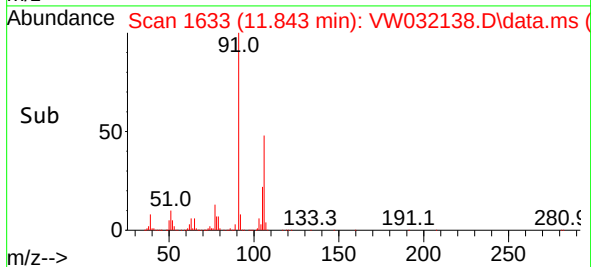
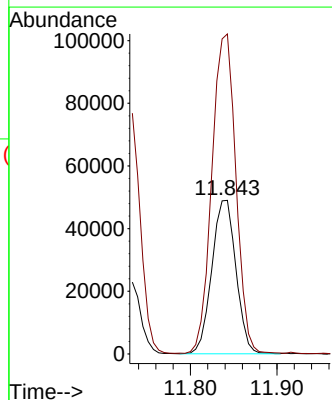
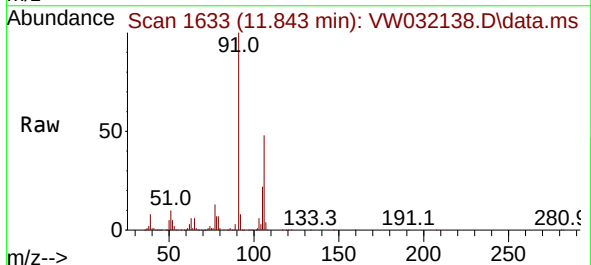
Acq: 26 Aug 2025 10:23

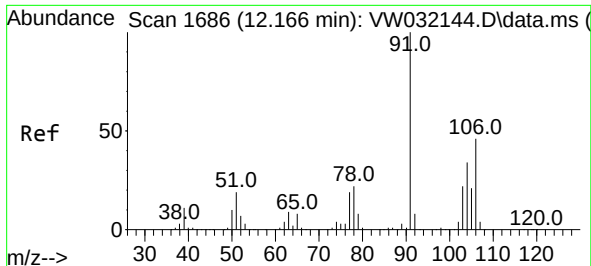
Tgt Ion:106 Resp: 94822

Ion Ratio Lower Upper

106 100

91 207.1 164.2 246.2

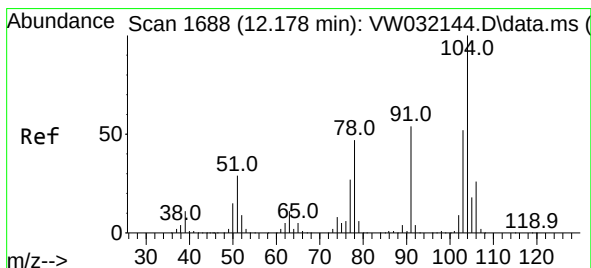
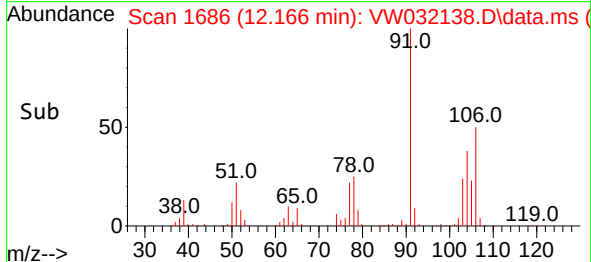
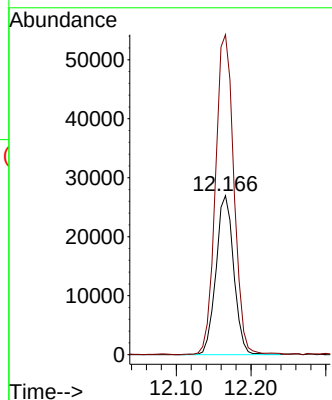
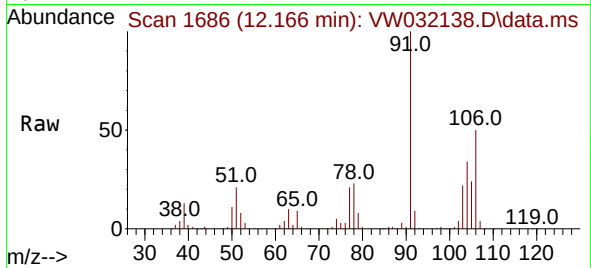




#69
o-Xylene
Concen: 9.709 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

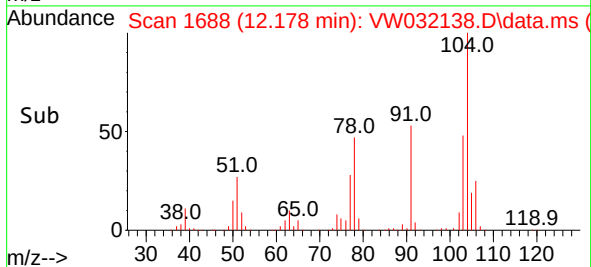
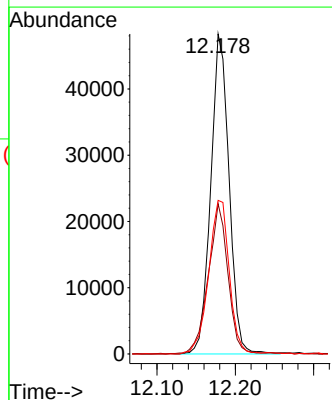
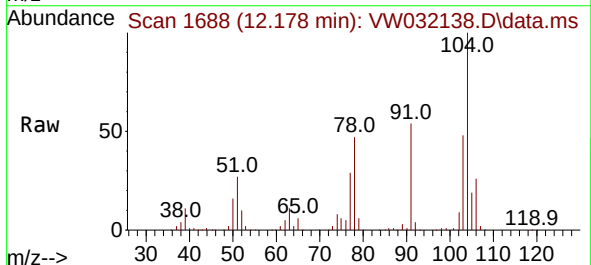
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

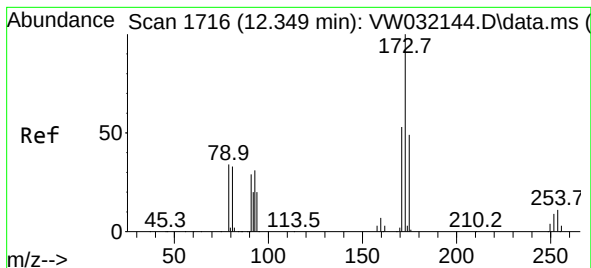
Tgt Ion:106 Resp: 44610
Ion Ratio Lower Upper
106 100
91 209.3 108.7 326.3



#70
Styrene
Concen: 9.692 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:104 Resp: 78501
Ion Ratio Lower Upper
104 100
78 50.6 41.6 62.4
103 54.3 44.8 67.2





#71

Bromoform

Concen: 9.529 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

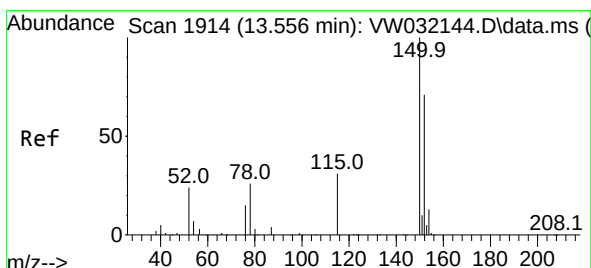
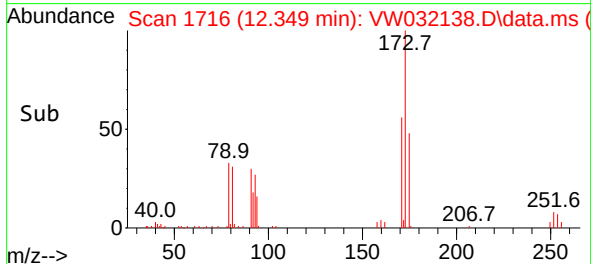
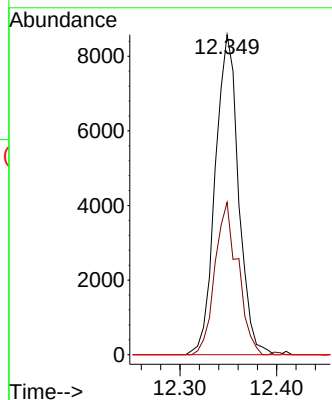
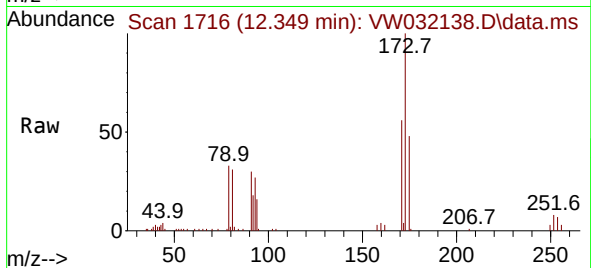
Tgt Ion:173 Resp: 14353

Ion Ratio Lower Upper

173 100

175 46.9 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

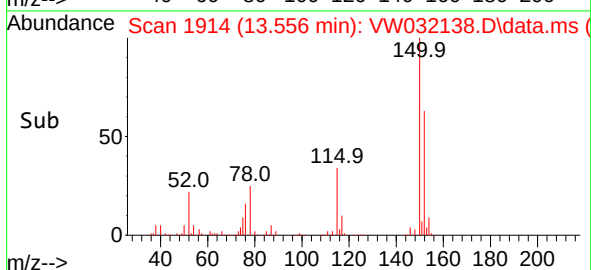
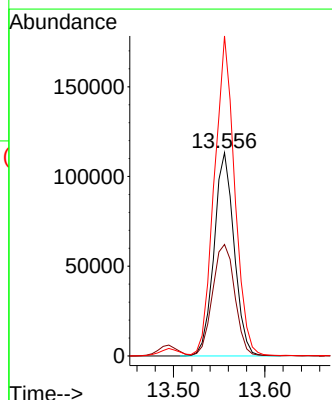
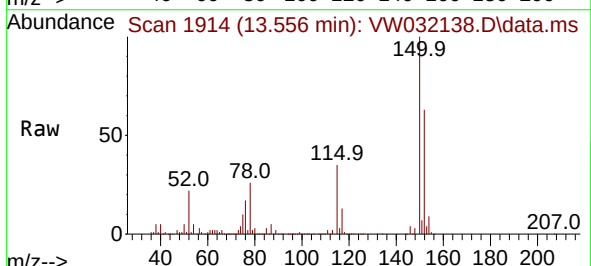
Tgt Ion:152 Resp: 173202

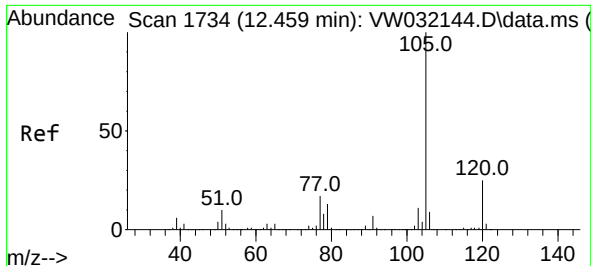
Ion Ratio Lower Upper

152 100

115 60.6 31.8 95.4

150 158.9 0.0 343.0

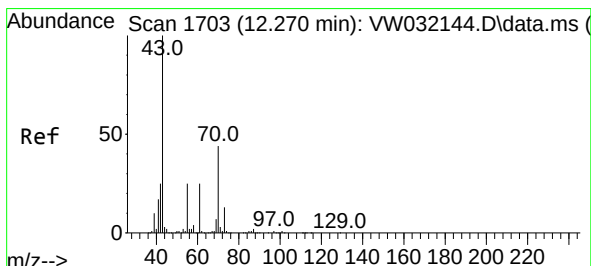
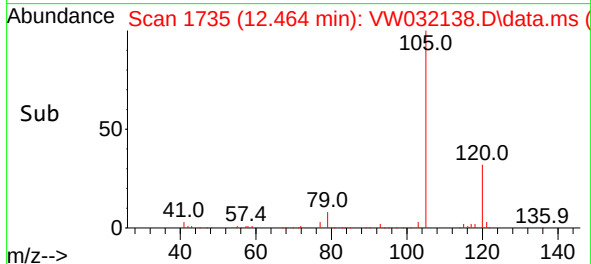
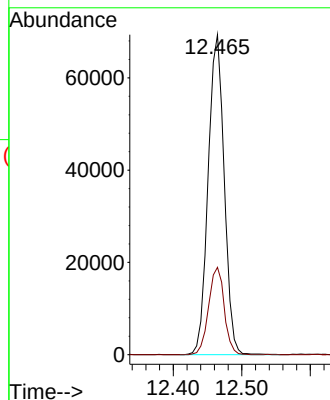
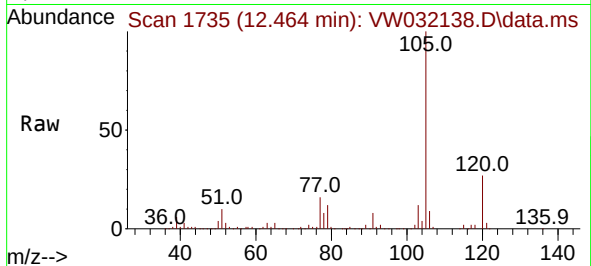




#73
Isopropylbenzene
Concen: 9.615 ug/l
RT: 12.464 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

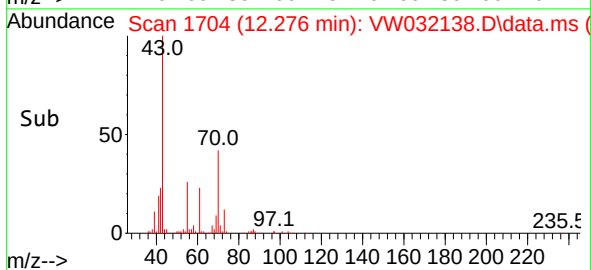
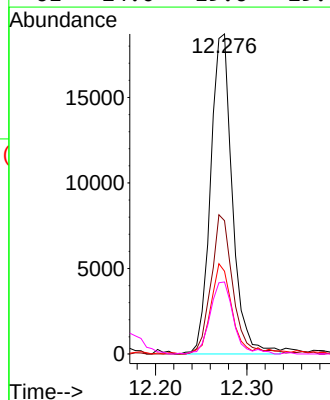
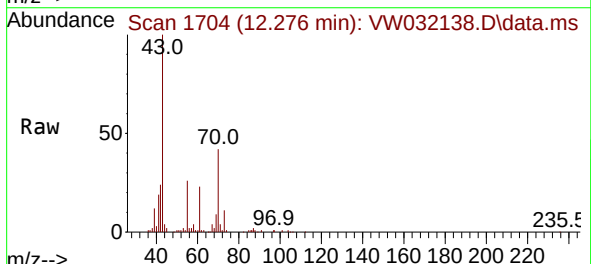
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

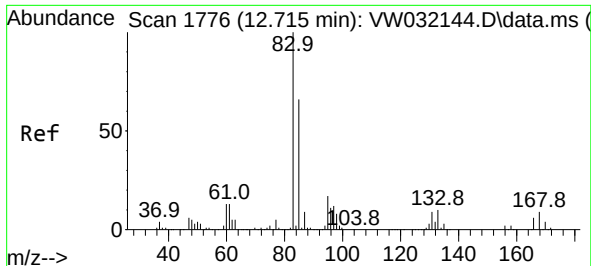
Tgt Ion:105 Resp: 113135
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 9.082 ug/l
RT: 12.276 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 31026
Ion Ratio Lower Upper
43 100
70 43.5 35.3 52.9
55 28.3 19.9 29.9
61 24.0 19.6 29.4

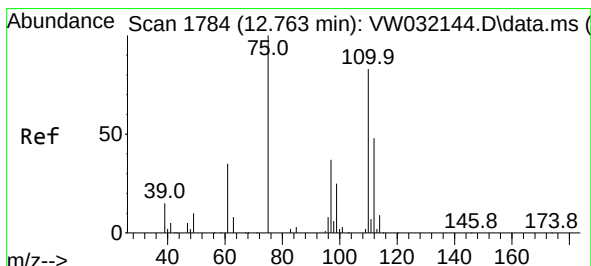
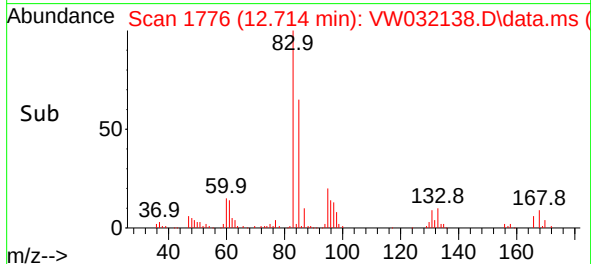
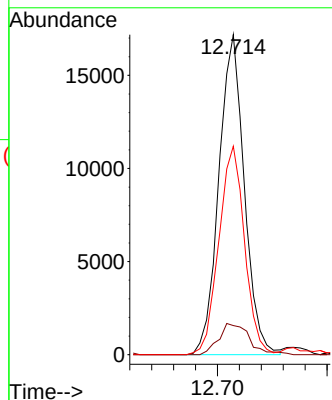
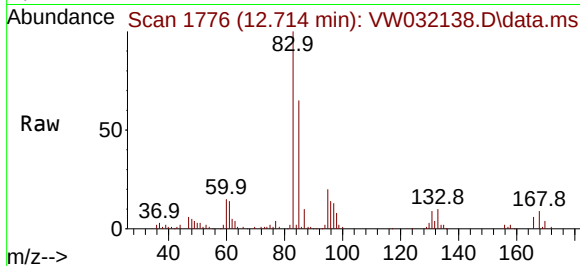




#75
1,1,2,2-Tetrachloroethane
Concen: 9.910 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

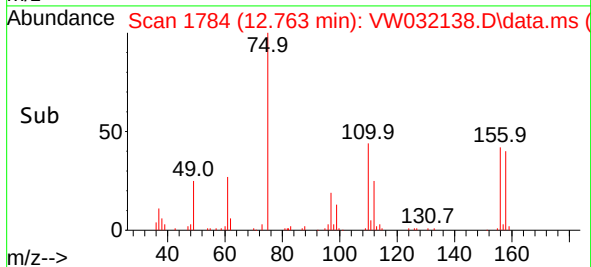
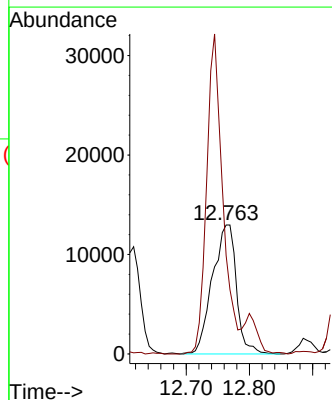
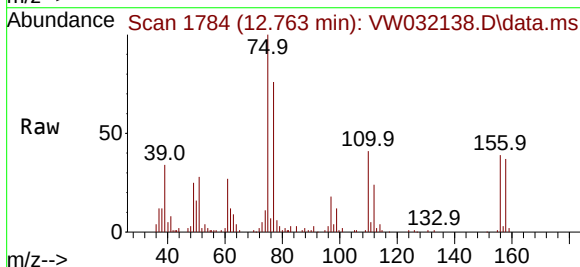
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

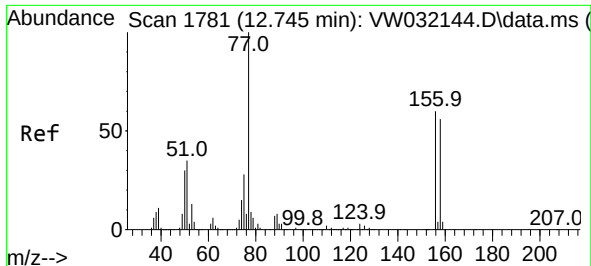
Tgt Ion: 83 Resp: 27712
Ion Ratio Lower Upper
83 100
131 11.6 5.1 15.4
85 65.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 15.205 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 75 Resp: 34098
Ion Ratio Lower Upper
75 100
77 170.0 141.7 425.1

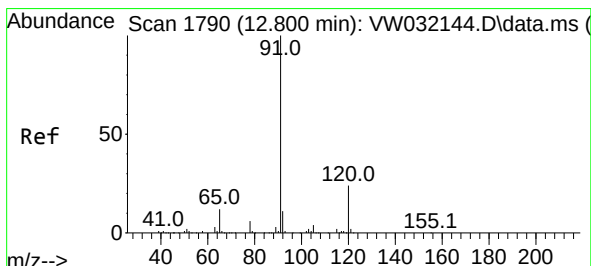
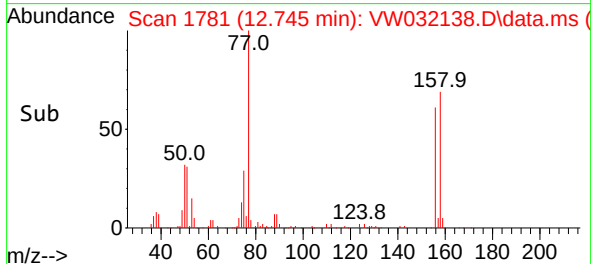
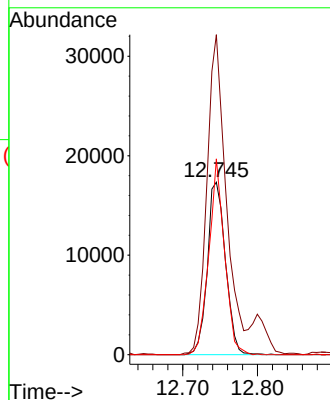
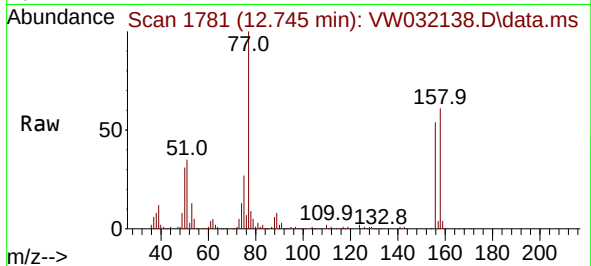




#77
Bromobenzene
Concen: 9.741 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

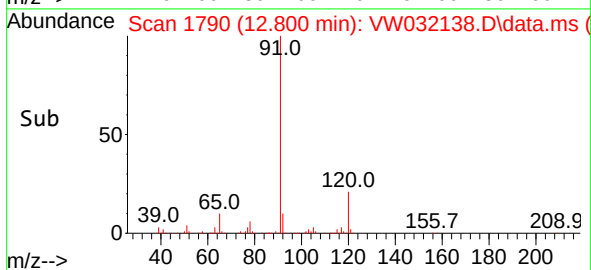
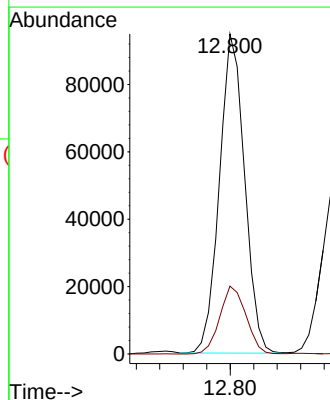
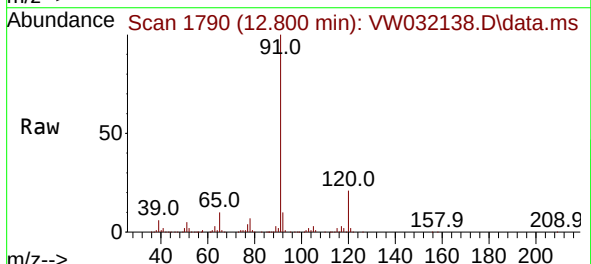
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

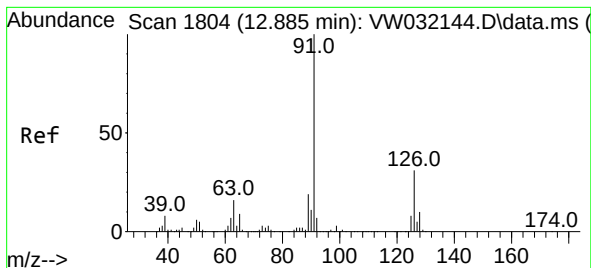
Tgt Ion:156 Resp: 29230
Ion Ratio Lower Upper
156 100
77 198.3 98.6 295.7
158 98.5 48.4 145.0



#78
n-propylbenzene
Concen: 9.858 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 91 Resp: 140832
Ion Ratio Lower Upper
91 100
120 22.1 11.8 35.4

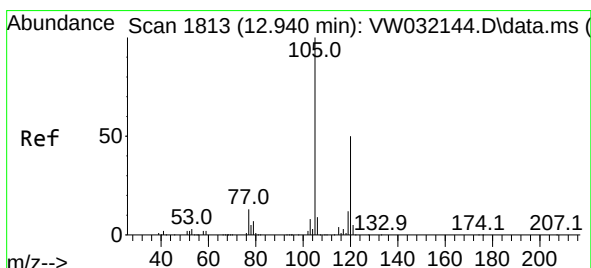
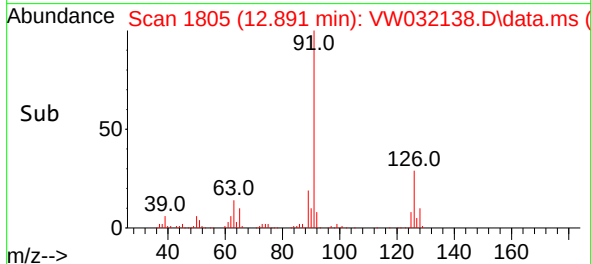
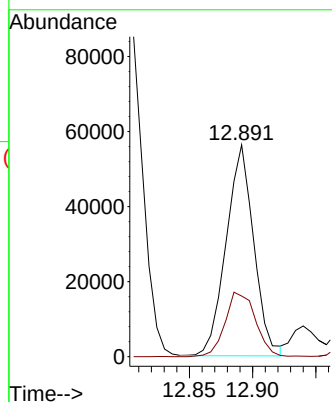
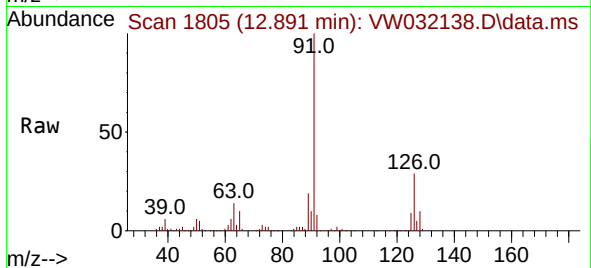




#79
2-Chlorotoluene
Concen: 9.792 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

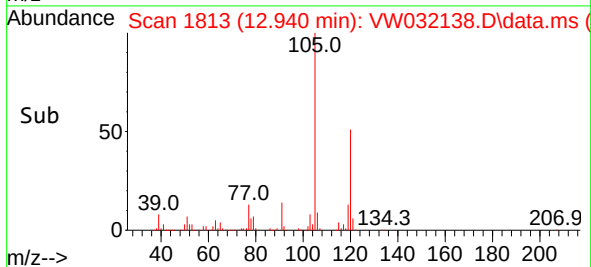
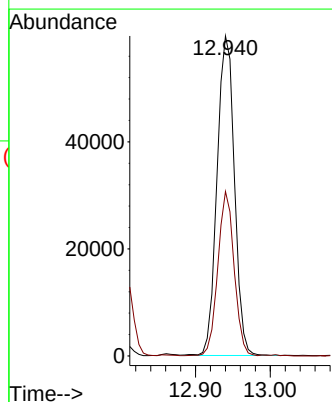
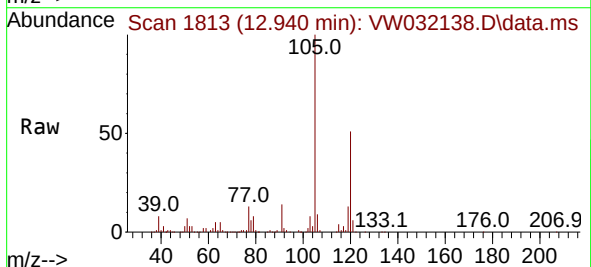
Instrument : MSVOA_W
ClientSampleId : VSTDIC010

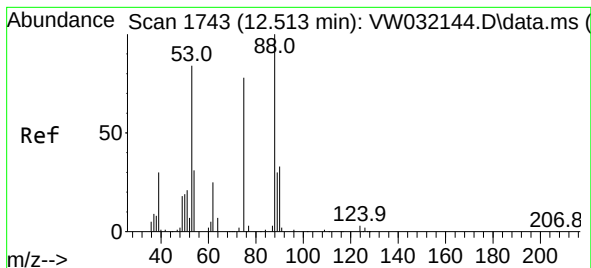
Tgt Ion: 91 Resp: 85542
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 9.700 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 105 Resp: 96634
Ion Ratio Lower Upper
105 100
120 48.0 24.8 74.4

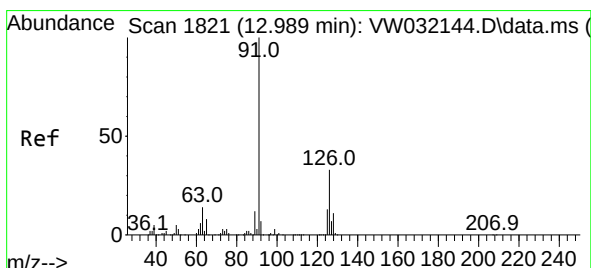
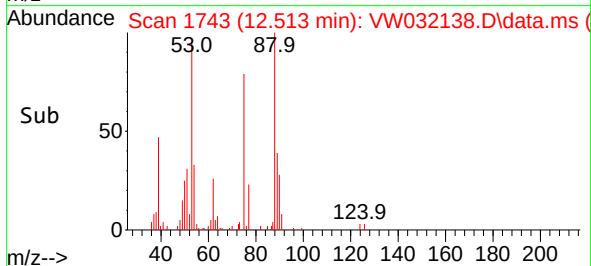
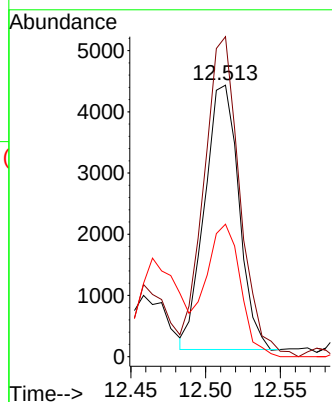
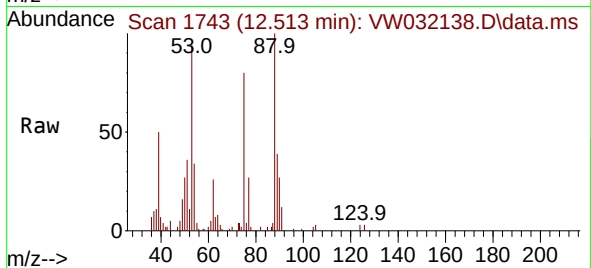




#81
trans-1,4-Dichloro-2-butene
Concen: 8.537 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

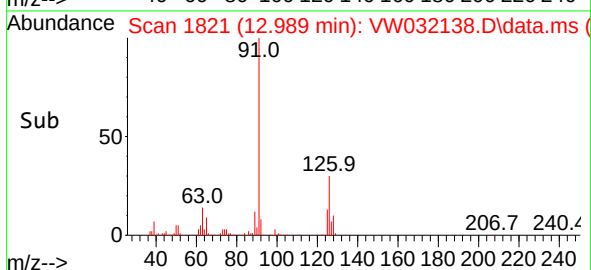
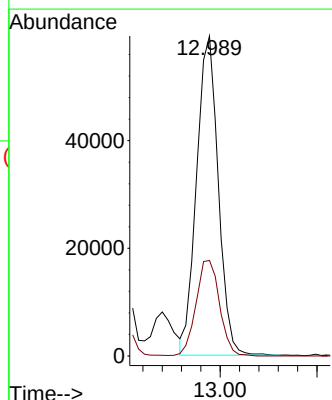
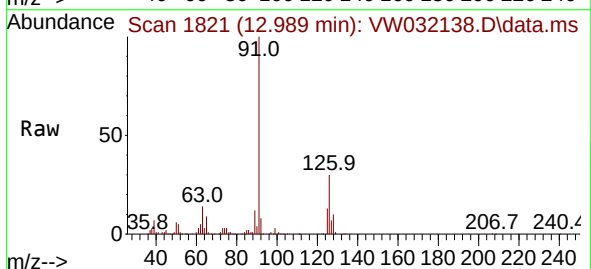
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

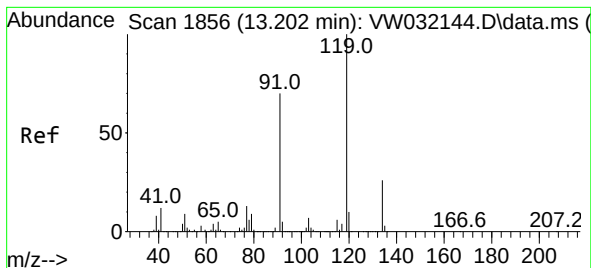
Tgt Ion: 75 Resp: 6880
Ion Ratio Lower Upper
75 100
53 126.9 91.0 136.6
89 50.9 39.4 59.2



#82
4-Chlorotoluene
Concen: 9.890 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 91 Resp: 92476
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.2

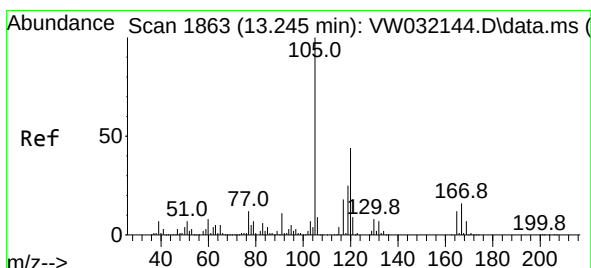
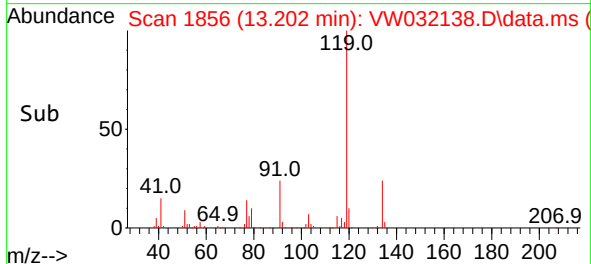
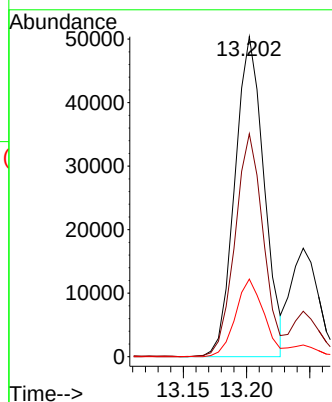
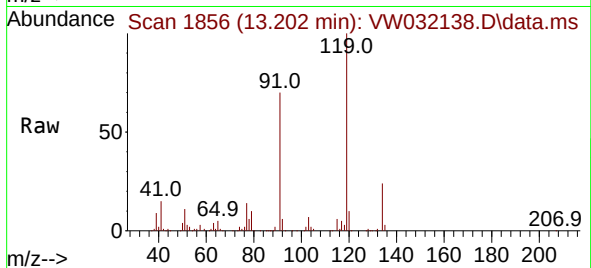




#83
tert-Butylbenzene
Concen: 9.576 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

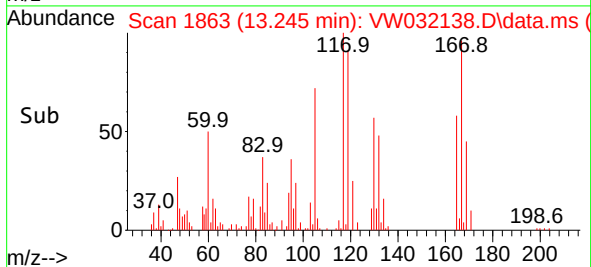
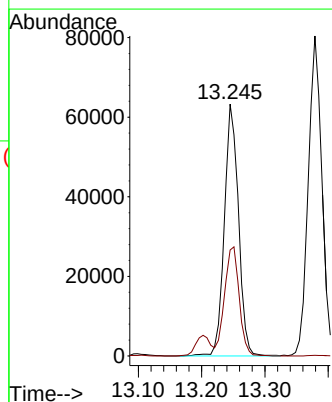
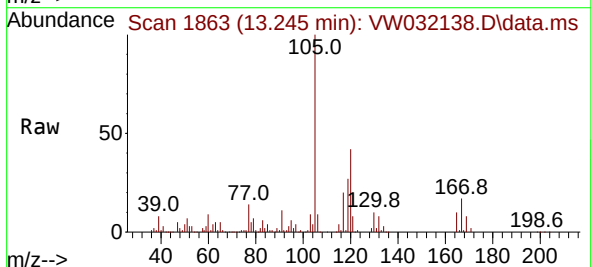
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

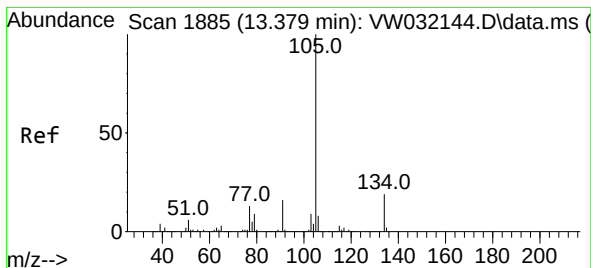
Tgt Ion:119 Resp: 80888
Ion Ratio Lower Upper
119 100
91 67.4 33.8 101.3
134 24.0 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 9.480 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:105 Resp: 97711
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 9.507 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

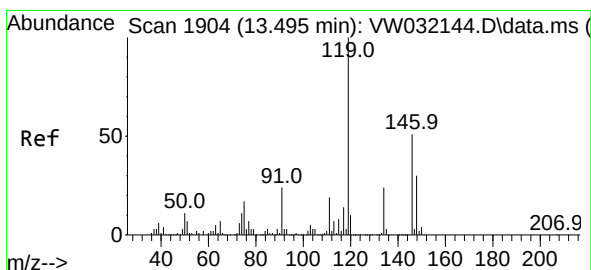
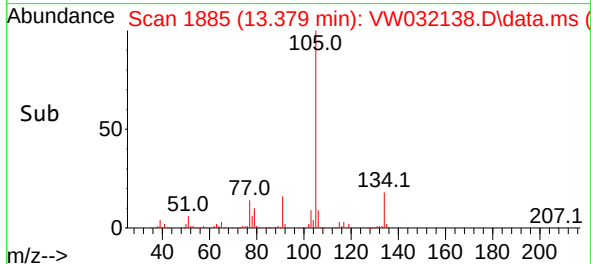
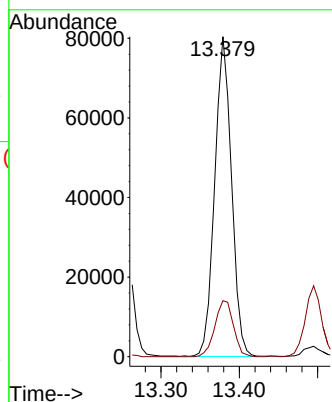
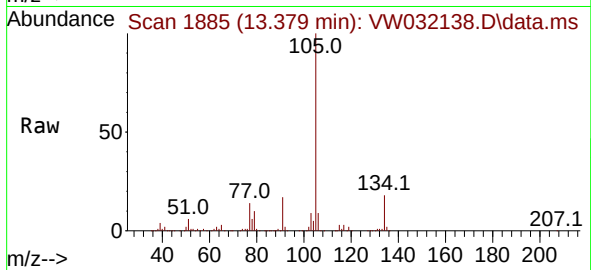
VSTDIC010

Tgt Ion:105 Resp: 119897

Ion Ratio Lower Upper

105 100

134 19.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 9.570 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

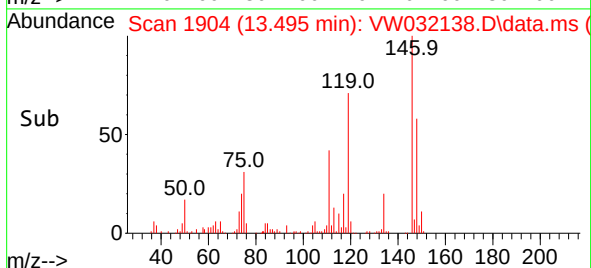
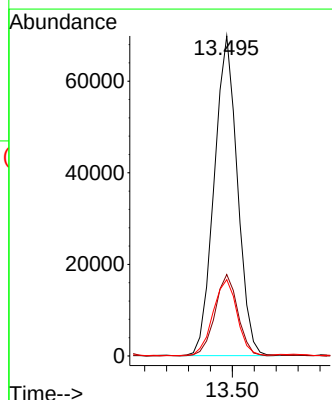
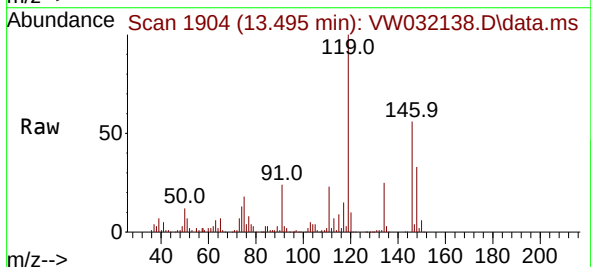
Tgt Ion:119 Resp: 102643

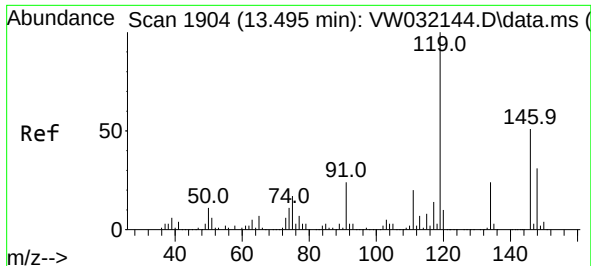
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 24.8 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 10.417 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

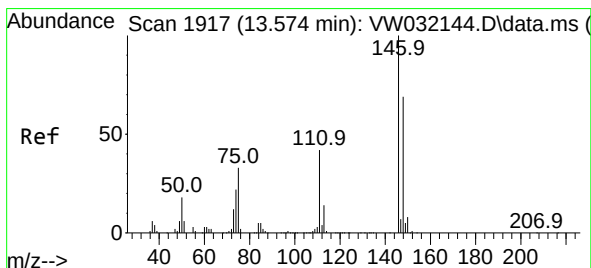
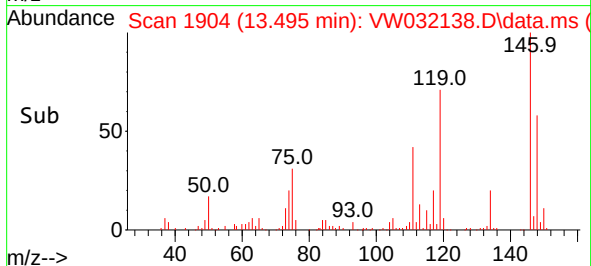
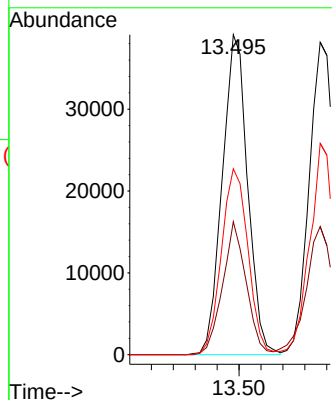
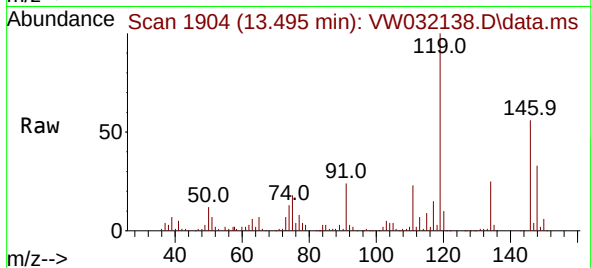
Tgt Ion:146 Resp: 62937

Ion Ratio Lower Upper

146 100

111 38.7 20.6 61.9

148 60.9 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 10.351 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

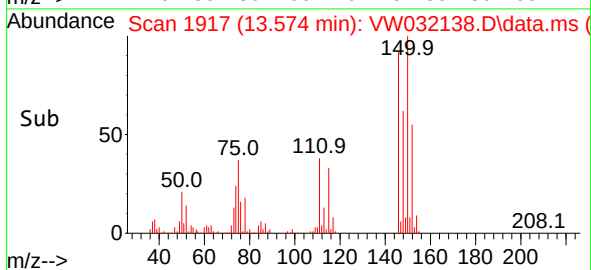
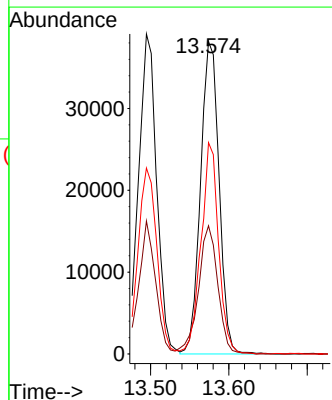
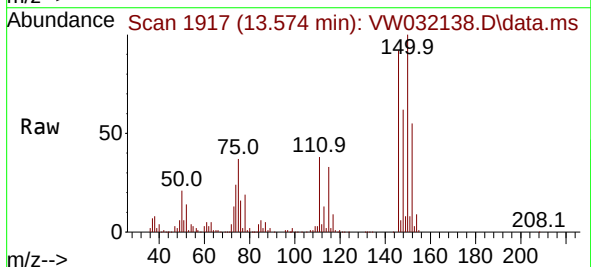
Tgt Ion:146 Resp: 62683

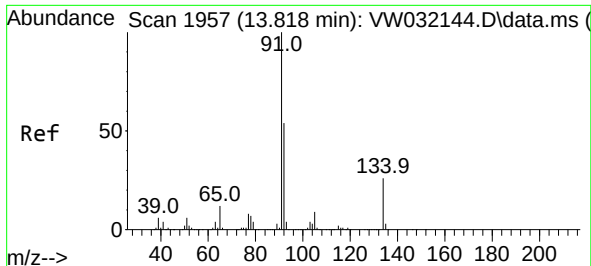
Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.7

148 64.3 33.4 100.1

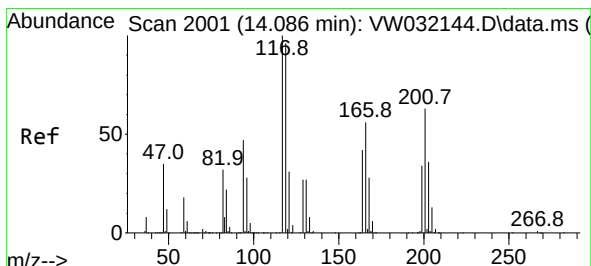
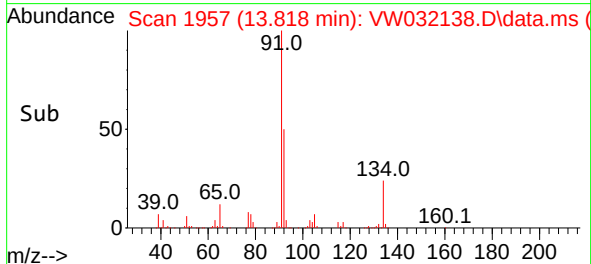
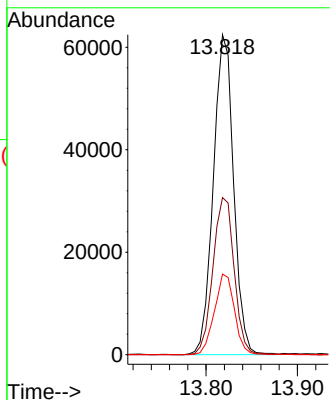
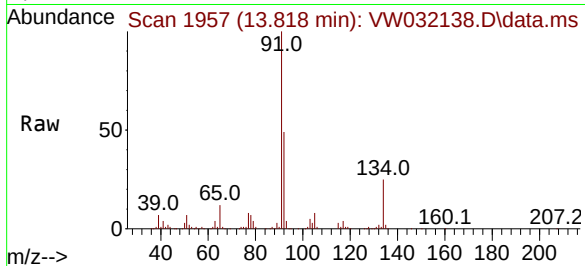




#89
n-Butylbenzene
Concen: 9.426 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

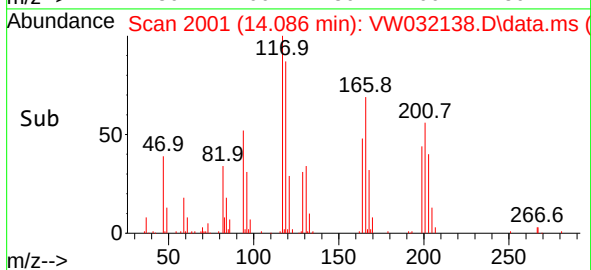
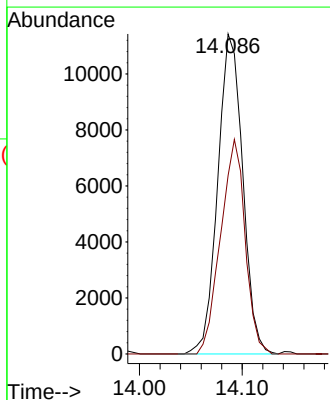
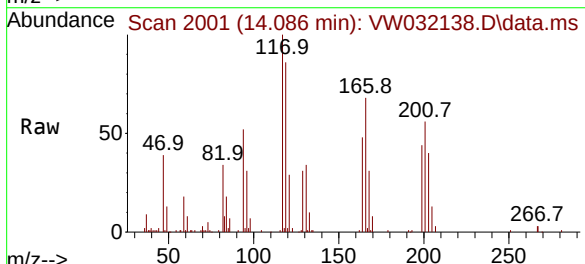
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

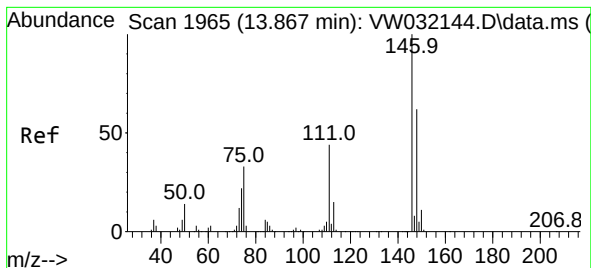
Tgt Ion: 91 Resp: 96382
Ion Ratio Lower Upper
91 100
92 51.4 27.0 81.0
134 24.9 13.1 39.3



#90
Hexachloroethane
Concen: 9.814 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 117 Resp: 19253
Ion Ratio Lower Upper
117 100
201 66.0 32.8 98.4

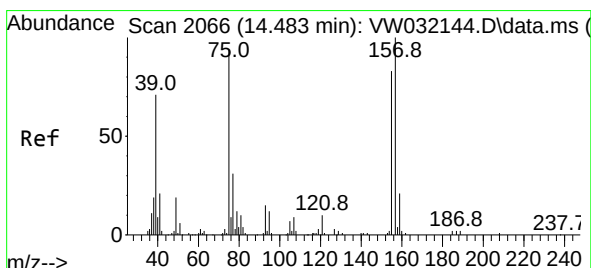
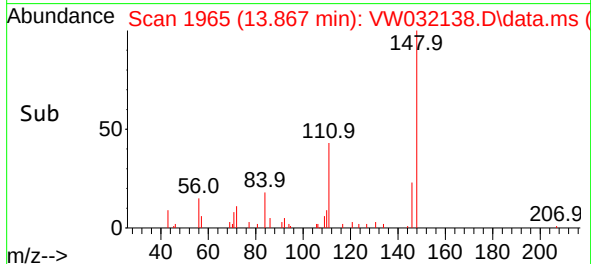
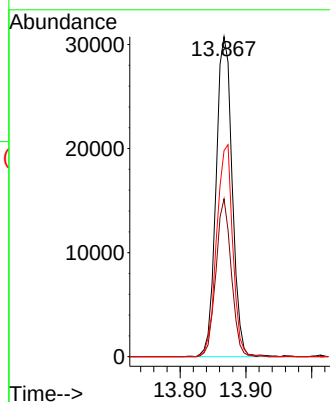
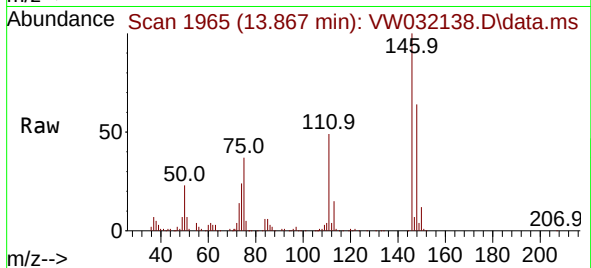




#91
1,2-Dichlorobenzene
Concen: 9.811 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

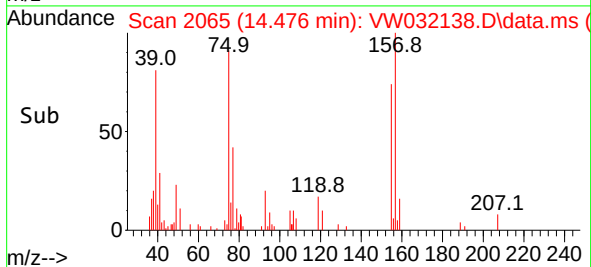
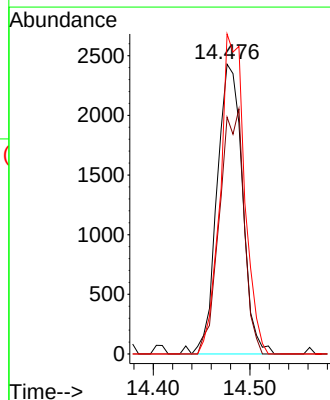
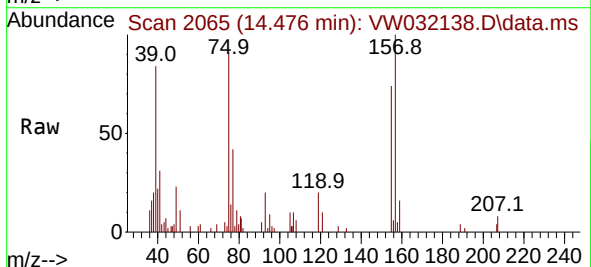
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

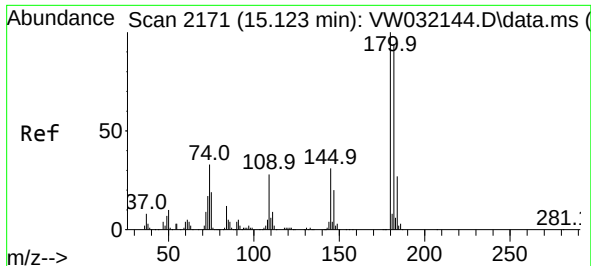
Tgt Ion:	146	Resp:	52479
Ion Ratio	Lower	Upper	
146	100		
111	46.9	23.4	70.0
148	66.0	34.1	102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.988 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:	75	Resp:	4440
Ion Ratio	Lower	Upper	
75	100		
155	81.2	40.8	122.5
157	105.5	51.8	155.4

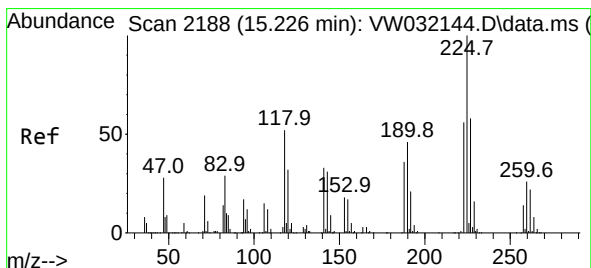
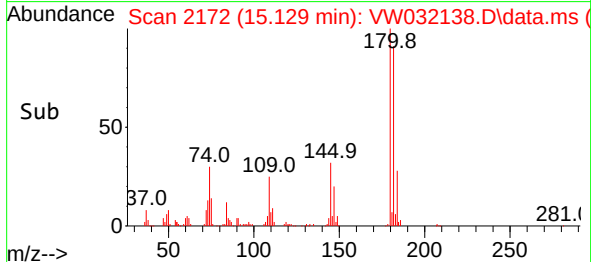
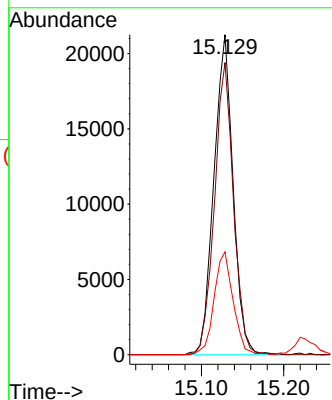
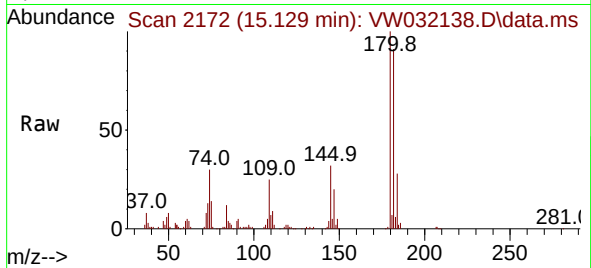




#93
1,2,4-Trichlorobenzene
Concen: 10.074 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

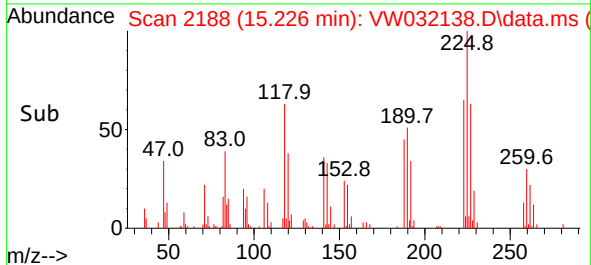
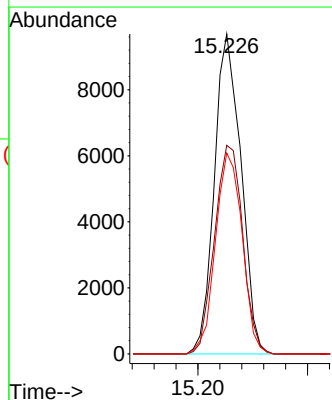
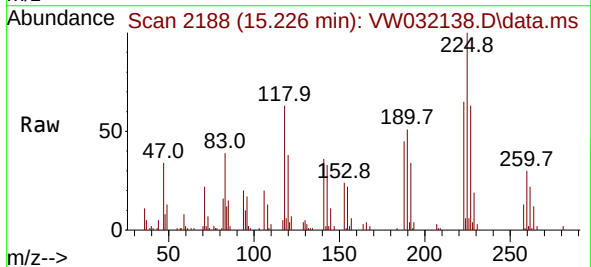
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

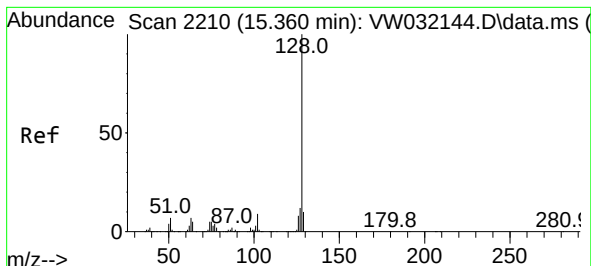
Tgt Ion:180 Resp: 34429
Ion Ratio Lower Upper
180 100
182 90.6 47.4 142.2
145 31.9 16.4 49.1



#94
Hexachlorobutadiene
Concen: 9.644 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:225 Resp: 16347
Ion Ratio Lower Upper
225 100
223 68.9 29.8 89.3
227 63.1 30.5 91.5





#95

Naphthalene

Concen: 8.888 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

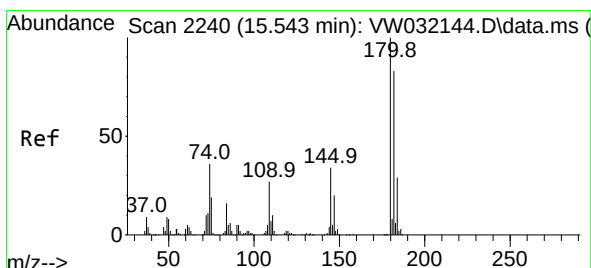
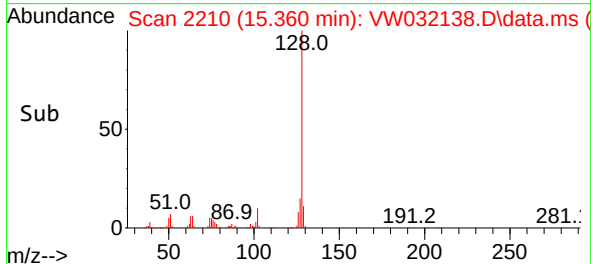
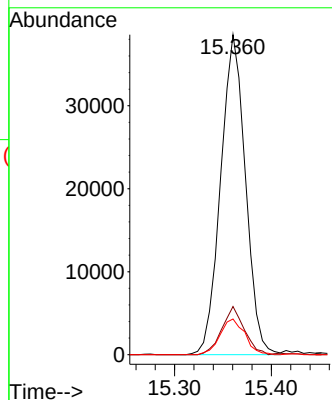
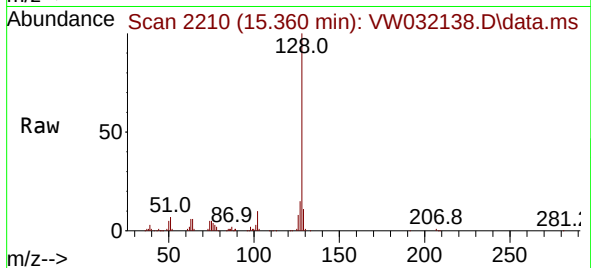
Tgt Ion:128 Resp: 68744

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 9.983 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032138.D

Acq: 26 Aug 2025 10:23

Tgt Ion:180 Resp: 31730

Ion Ratio Lower Upper

180 100

182 97.1 47.7 143.1

145 34.5 17.2 51.6

