

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032055.D
 Acq On : 11 Aug 2025 10:09
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 12 03:38:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 03:34:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	223324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	406973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	378090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	178995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	159972	49.529	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.060%
35) Dibromofluoromethane	7.898	113	132195	50.279	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.560%
50) Toluene-d8	10.325	98	506634	52.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.617	95	187331	52.274	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	104.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	75096	47.015	ug/l	100
3) Chloromethane	2.259	50	97719	45.418	ug/l	100
4) Vinyl Chloride	2.405	62	118378	45.486	ug/l	100
5) Bromomethane	2.820	94	91749	46.991	ug/l	100
6) Chloroethane	2.972	64	82045	47.641	ug/l	100
7) Trichlorofluoromethane	3.302	101	103706	49.743	ug/l	100
8) Diethyl Ether	3.722	74	84764	49.624	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.094	101	115526	46.968	ug/l	100
10) Methyl Iodide	4.307	142	167079	47.909	ug/l	100
11) Tert butyl alcohol	5.222	59	56322	269.294	ug/l	100
12) 1,1-Dichloroethene	4.082	96	128304	47.373	ug/l	100
13) Acrolein	3.930	56	78858	236.637	ug/l	100
14) Allyl chloride	4.704	41	192434	48.819	ug/l	100
15) Acrylonitrile	5.405	53	213941	262.963	ug/l	100
16) Acetone	4.161	43	182559	244.127	ug/l	100
17) Carbon Disulfide	4.423	76	347752	47.836	ug/l	100
18) Methyl Acetate	4.710	43	123902	52.361	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	246045	51.560	ug/l	100
20) Methylene Chloride	4.960	84	152186	44.016	ug/l	100
21) trans-1,2-Dichloroethene	5.460	96	139994	48.707	ug/l	100
22) Diisopropyl ether	6.344	45	421731	50.751	ug/l	100
23) Vinyl Acetate	6.283	43	1450553	265.873	ug/l	100
24) 1,1-Dichloroethane	6.240	63	258279	48.646	ug/l	100
25) 2-Butanone	7.191	43	284711	267.883	ug/l	100
26) 2,2-Dichloropropane	7.191	77	129390	48.578	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	167240	49.779	ug/l	100
28) Bromochloromethane	7.533	49	121266	50.191	ug/l	100
29) Tetrahydrofuran	7.551	42	190719	272.100	ug/l	100
30) Chloroform	7.691	83	275905	49.018	ug/l	100
31) Cyclohexane	7.971	56	214597	46.622	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	194676	47.617	ug/l	100
36) 1,1-Dichloropropene	8.099	75	190046	51.274	ug/l	100
37) Ethyl Acetate	7.276	43	119689	54.829	ug/l	100
38) Carbon Tetrachloride	8.087	117	182422	51.000	ug/l	100
39) Methylcyclohexane	9.343	83	235341	52.093	ug/l	100
40) Benzene	8.337	78	597760	51.883	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	68136	55.039	ug/l	100
42) 1,2-Dichloroethane	8.410	62	189755	51.471	ug/l	100
43) Isopropyl Acetate	8.435	43	219064	54.544	ug/l	100
44) Trichloroethene	9.099	130	137910	50.264	ug/l	100
45) 1,2-Dichloropropane	9.374	63	143446	51.537	ug/l	100
46) Dibromomethane	9.465	93	93001	51.770	ug/l	100
47) Bromodichloromethane	9.654	83	216521	52.307	ug/l	100
48) Methyl methacrylate	9.441	41	108287	55.849	ug/l	100
49) 1,4-Dioxane	9.465	88	26579	1144.321	ug/l	100
51) 4-Methyl-2-Pentanone	10.215	43	635174	280.194	ug/l	100
52) Toluene	10.392	92	379230	52.258	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	209555	54.035	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	236454	53.744	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	124341	52.088	ug/l	100
56) Ethyl methacrylate	10.648	69	178974	56.027	ug/l	100
57) 1,3-Dichloropropane	10.934	76	216719	52.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	490522	277.613	ug/l	100
59) 2-Hexanone	10.971	43	447423	284.986	ug/l	100
60) Dibromochloromethane	11.129	129	142234	52.161	ug/l	100
61) 1,2-Dibromoethane	11.233	107	121625	52.430	ug/l	100
64) Tetrachloroethene	10.867	164	105400	48.263	ug/l	100
65) Chlorobenzene	11.654	112	403926	49.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	128215	49.935	ug/l	100
67) Ethyl Benzene	11.727	91	706877	50.709	ug/l	100
68) m/p-Xylenes	11.837	106	552442	102.704	ug/l	100
69) o-Xylene	12.166	106	257591	51.812	ug/l	100
70) Styrene	12.178	104	457949	51.858	ug/l	100
71) Bromoform	12.349	173	77959	53.078	ug/l #	100
73) Isopropylbenzene	12.465	105	654522	52.323	ug/l	100
74) N-amyl acetate	12.269	43	199256	55.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.708	83	156076	52.549	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	198427	72.113	ug/l	56
77) Bromobenzene	12.745	156	156335	52.326	ug/l	100
78) n-propylbenzene	12.800	91	805515	52.304	ug/l	100
79) 2-Chlorotoluene	12.891	91	490665	51.622	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	555481	52.305	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	51811	55.213	ug/l	100
82) 4-Chlorotoluene	12.983	91	519957	51.488	ug/l	100
83) tert-Butylbenzene	13.202	119	462373	52.460	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	572429	52.950	ug/l	100
85) sec-Butylbenzene	13.379	105	690647	51.829	ug/l	100
86) p-Isopropyltoluene	13.495	119	589769	53.089	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	313624	52.754	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	299453	49.844	ug/l	100
89) n-Butylbenzene	13.818	91	569364	52.756	ug/l	100
90) Hexachloroethane	14.086	117	101464	49.942	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	273581	50.801	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	28437	53.857	ug/l	100
93) 1,2,4-Trichlorobenzene	15.129	180	164726	51.132	ug/l	100
94) Hexachlorobutadiene	15.226	225	68983	47.902	ug/l	100
95) Naphthalene	15.354	128	434944	55.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	149556	51.022	ug/l	100

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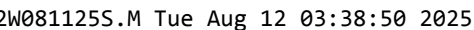
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

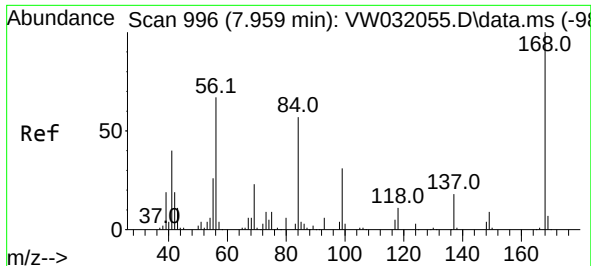
Quant Time: Aug 12 03:38:40 2025
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QLast Update : Tue Aug 12 03:34:13 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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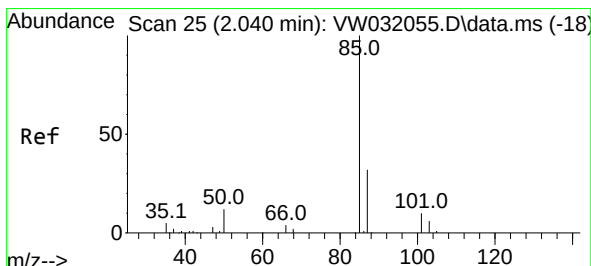
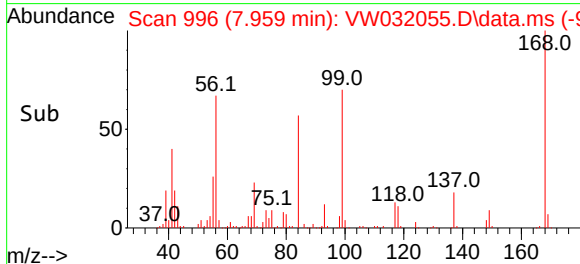
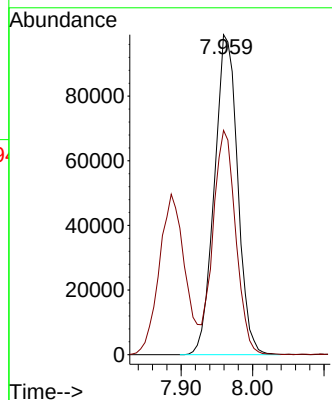
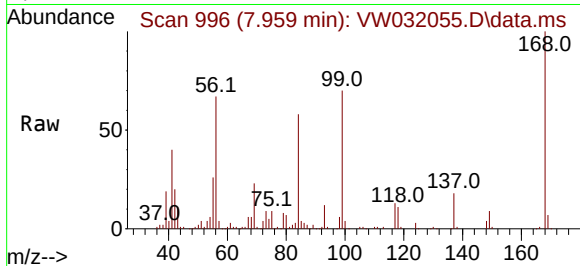




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

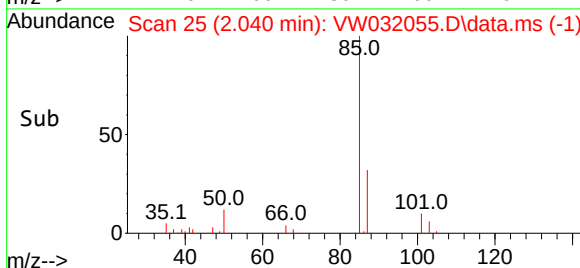
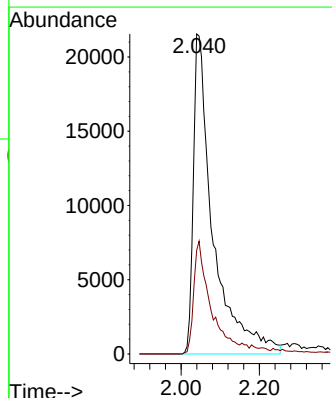
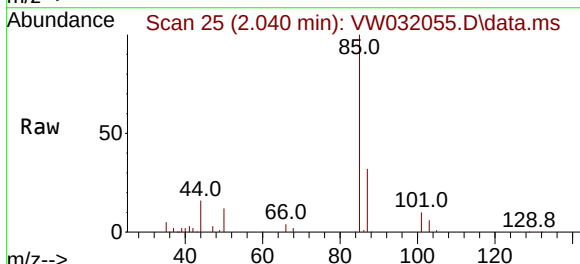
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

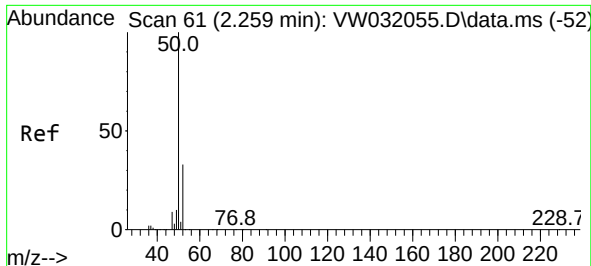
Tgt Ion:168 Resp: 223324
Ion Ratio Lower Upper
168 100
99 70.0 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 47.015 ug/l
RT: 2.040 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 85 Resp: 75096
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

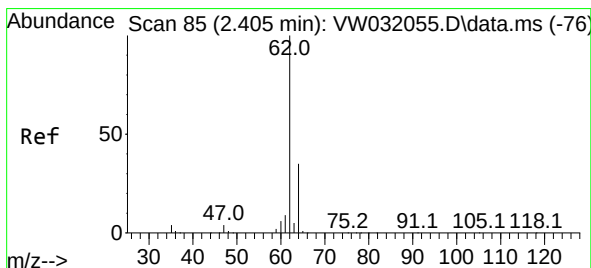
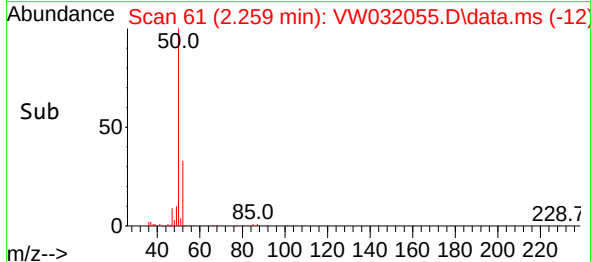
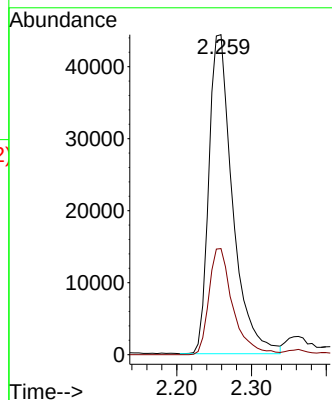
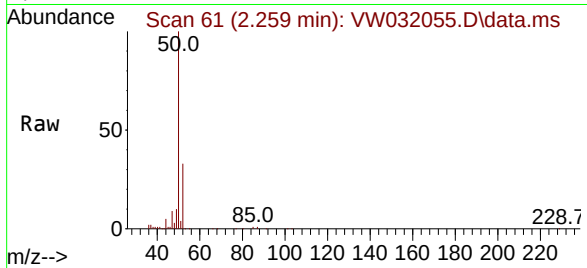




#3
Chloromethane
Concen: 45.418 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

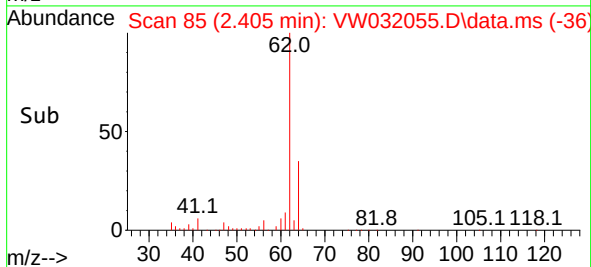
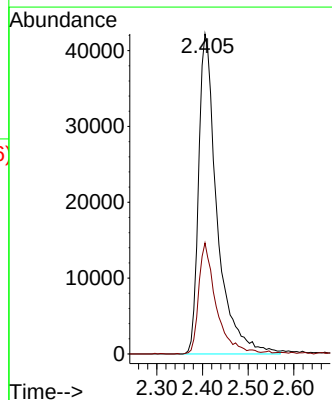
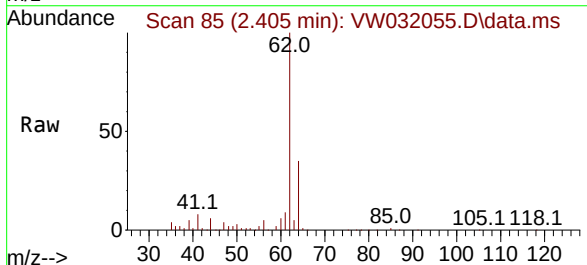
Instrument :
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ClientSampleId :
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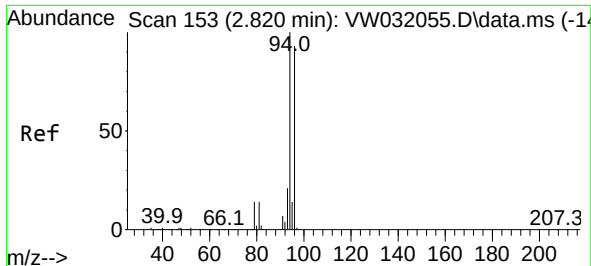
Tgt Ion: 50 Resp: 97719
Ion Ratio Lower Upper
50 100
52 33.2 26.6 39.8



#4
Vinyl Chloride
Concen: 45.486 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 62 Resp: 118378
Ion Ratio Lower Upper
62 100
64 34.7 27.8 41.6

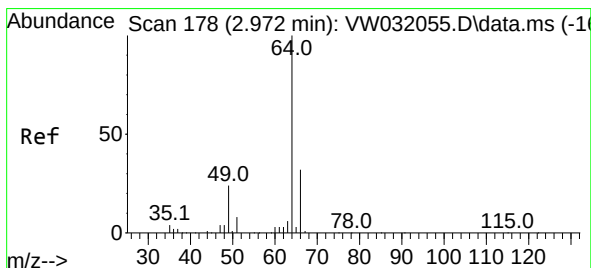
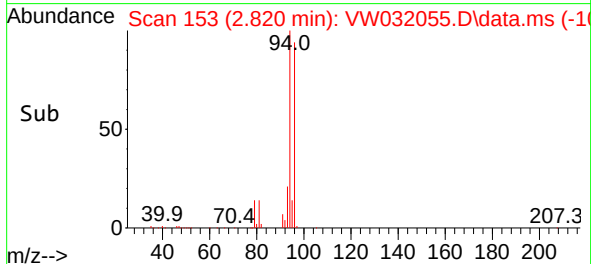
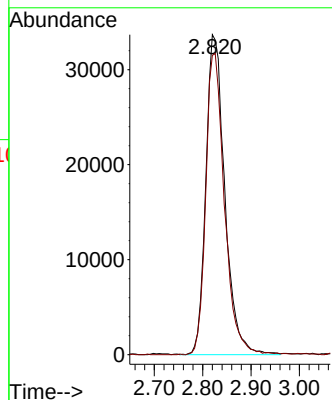
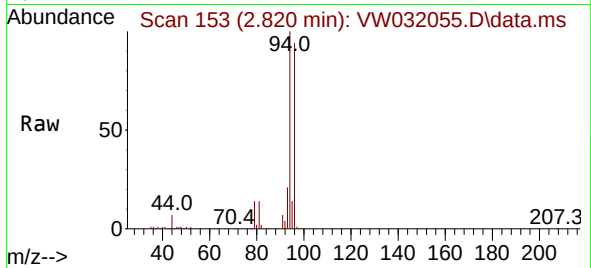




#5
Bromomethane
Concen: 46.991 ug/l
RT: 2.820 min Scan# 153
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

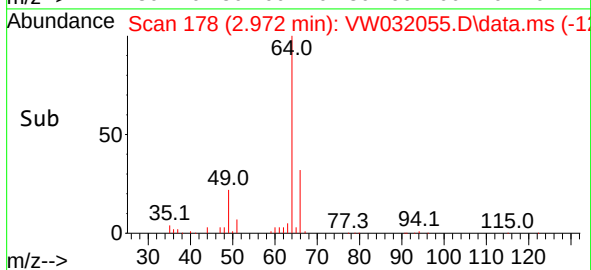
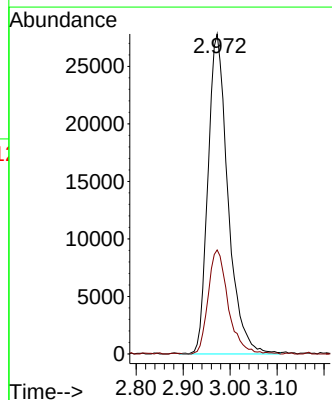
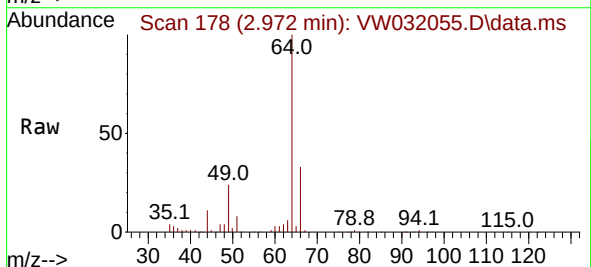
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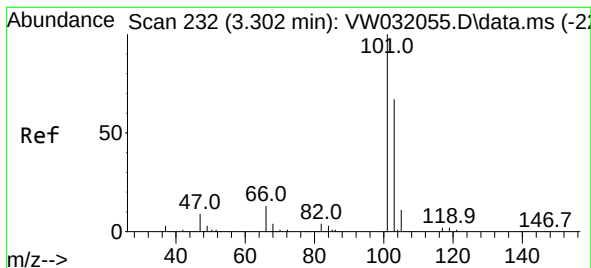
Tgt Ion: 94 Resp: 91749
Ion Ratio Lower Upper
94 100
96 93.4 74.7 112.1



#6
Chloroethane
Concen: 47.641 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 64 Resp: 82045
Ion Ratio Lower Upper
64 100
66 32.5 26.0 39.0





#7

Trichlorofluoromethane

Concen: 49.743 ug/l

RT: 3.302 min Scan# 232

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

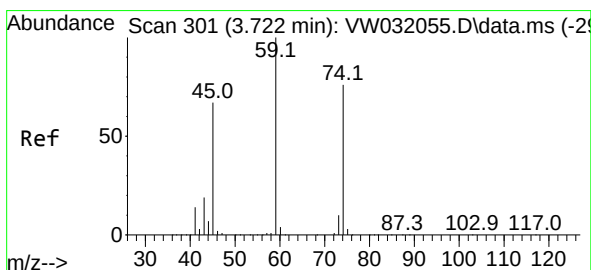
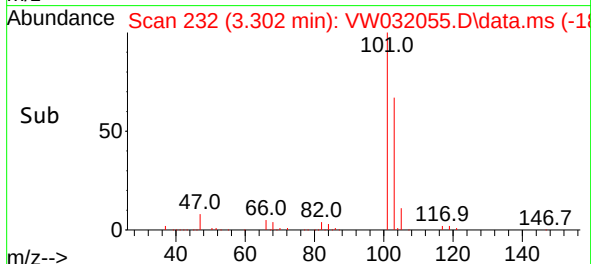
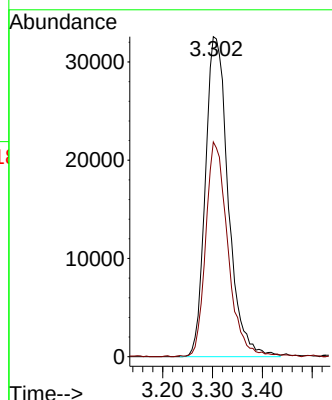
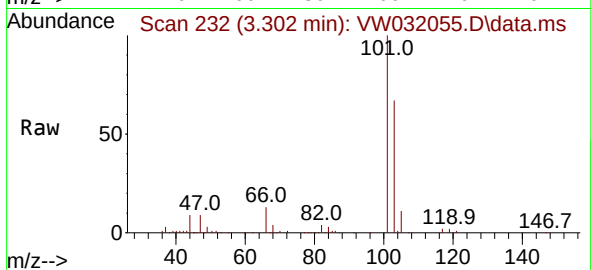
VSTDICCC050

Tgt Ion:101 Resp: 103706

Ion Ratio Lower Upper

101 100

103 66.7 53.4 80.0



#8

Diethyl Ether

Concen: 49.624 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.000 min

Lab File: VW032055.D

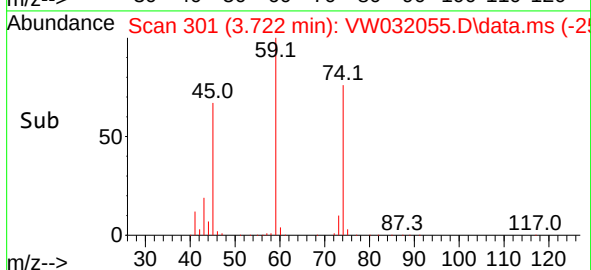
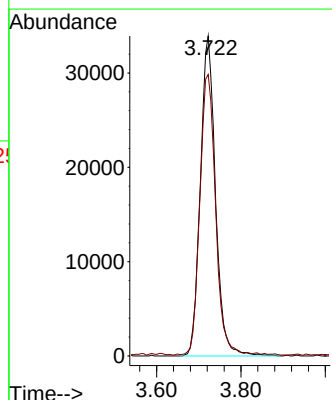
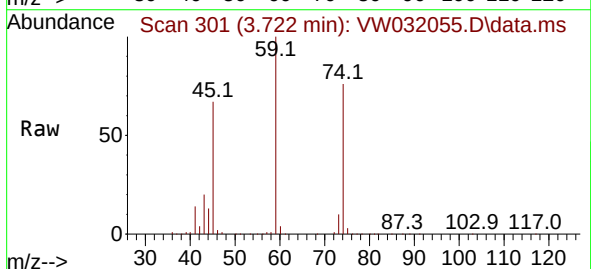
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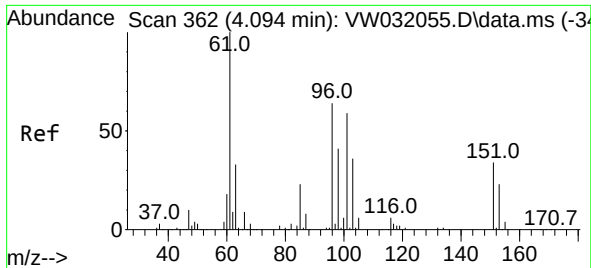
Tgt Ion: 74 Resp: 84764

Ion Ratio Lower Upper

74 100

45 90.8 45.4 136.2

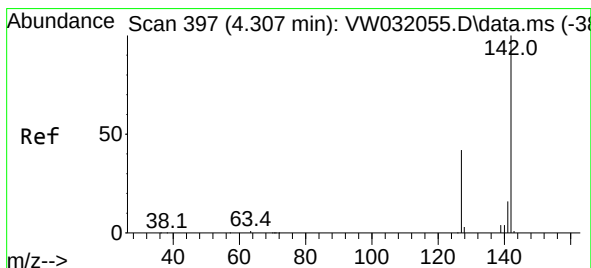
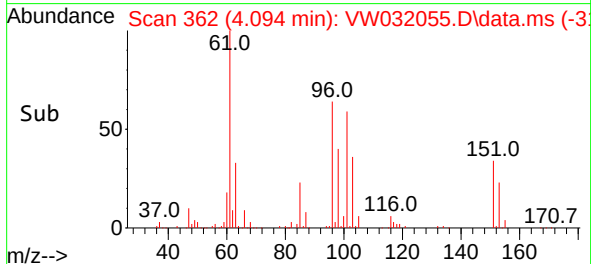
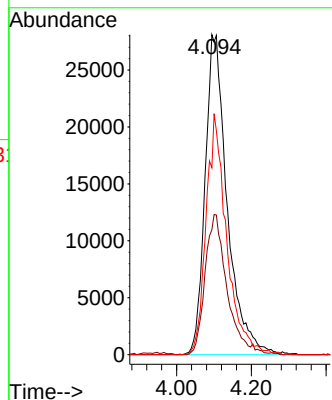
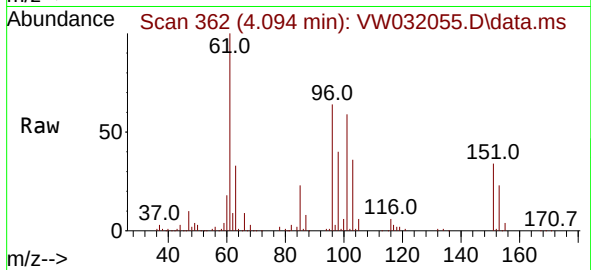




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.968 ug/l
RT: 4.094 min Scan# 362
Delta R.T. 0.000 min
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Acq: 11 Aug 2025 10:09

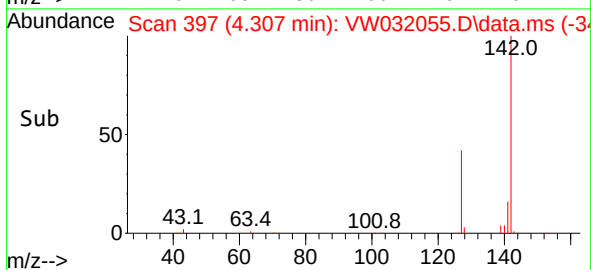
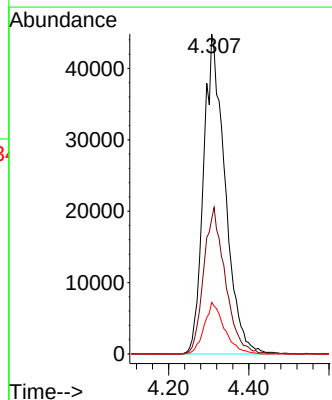
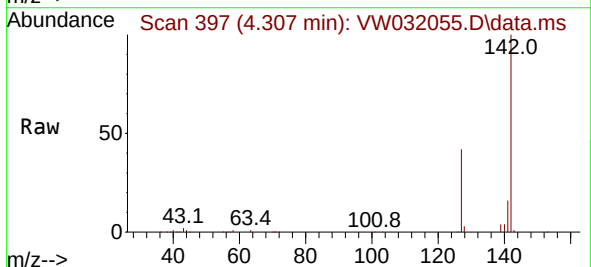
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

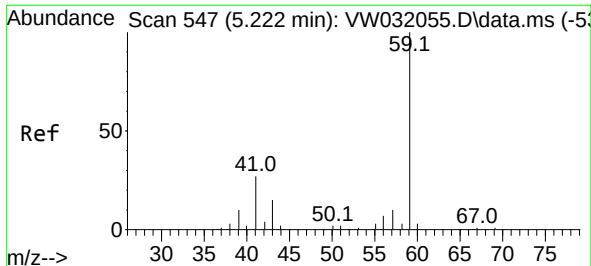
Tgt Ion:101 Resp: 115526
Ion Ratio Lower Upper
101 100
85 43.6 34.9 52.3
151 70.3 56.2 84.4



#10
Methyl Iodide
Concen: 47.909 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion:142 Resp: 167079
Ion Ratio Lower Upper
142 100
127 45.8 36.6 55.0
141 15.1 12.1 18.1

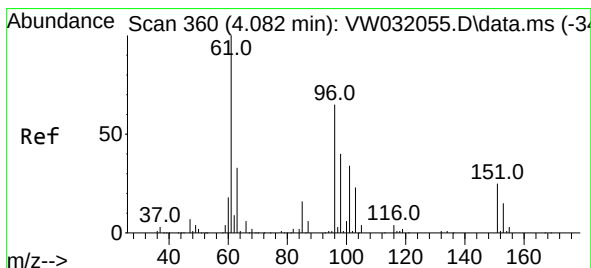
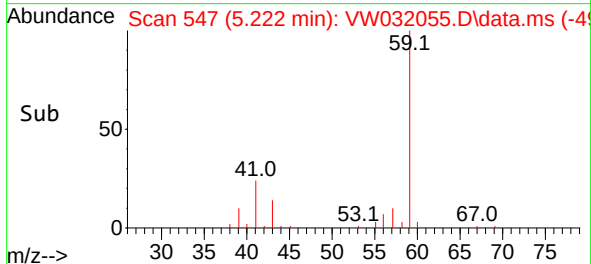
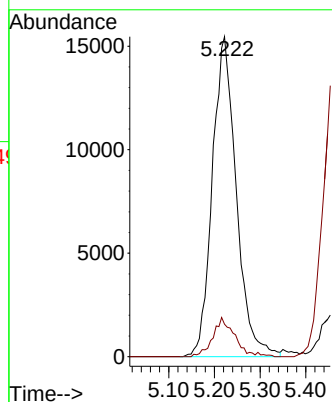
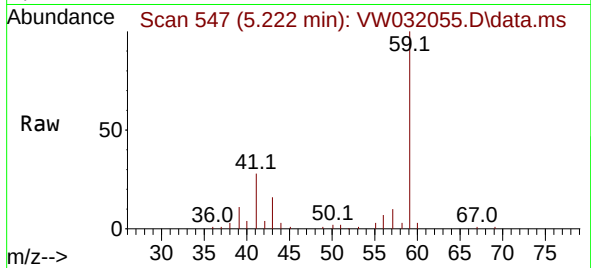




#11
Tert butyl alcohol
Concen: 269.294 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

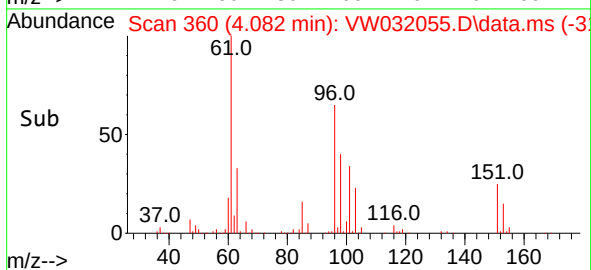
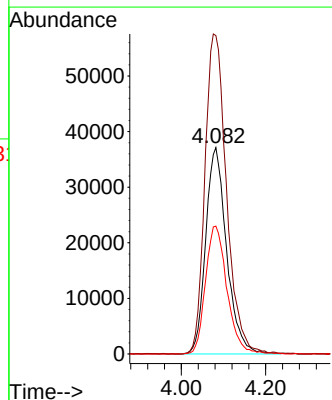
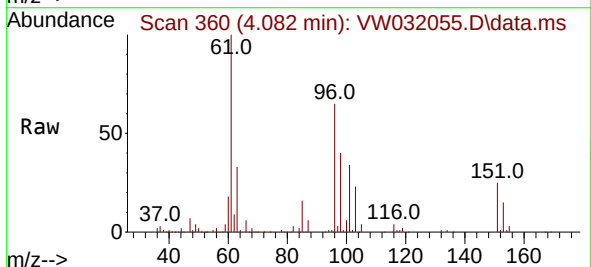
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

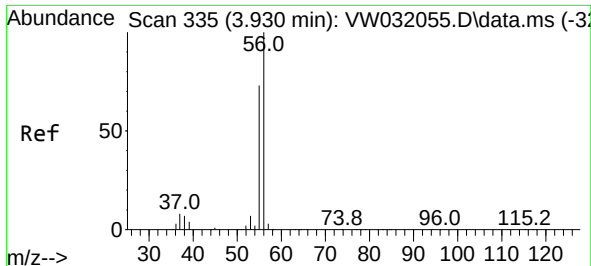
Tgt Ion: 59 Resp: 56322
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#12
1,1-Dichloroethene
Concen: 47.373 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 96 Resp: 128304
Ion Ratio Lower Upper
96 100
61 154.3 123.4 185.2
98 61.9 49.5 74.3

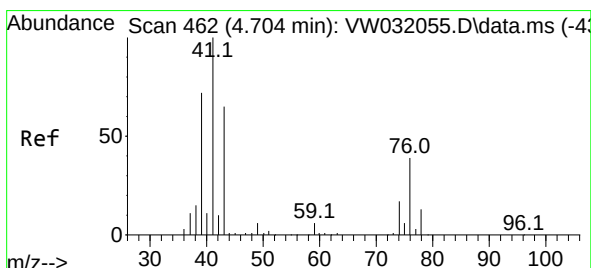
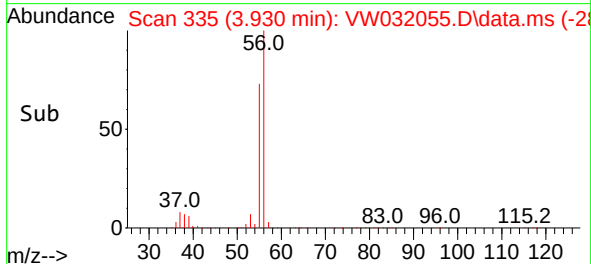
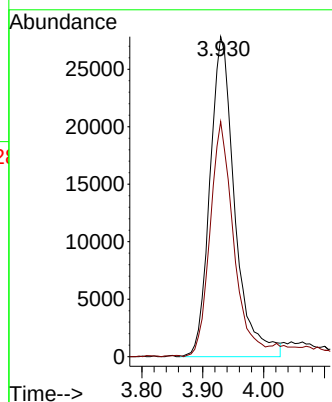
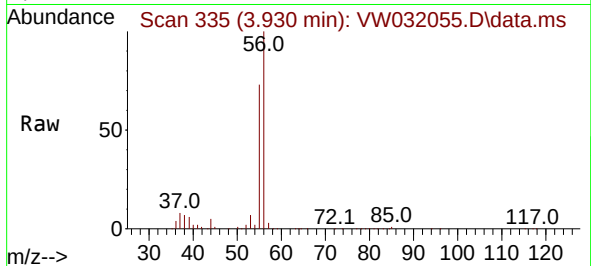




#13
Acrolein
Concen: 236.637 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

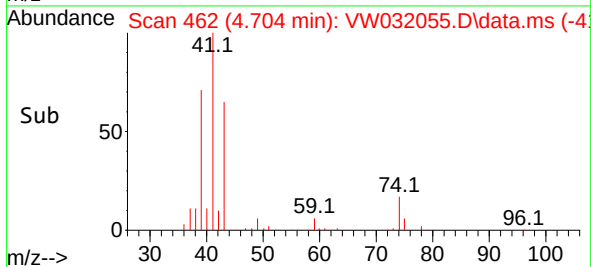
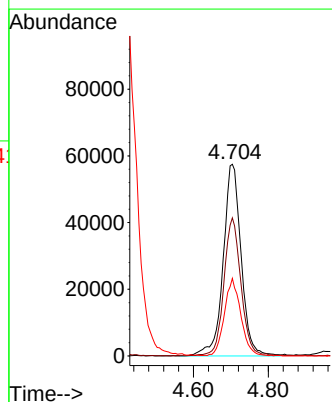
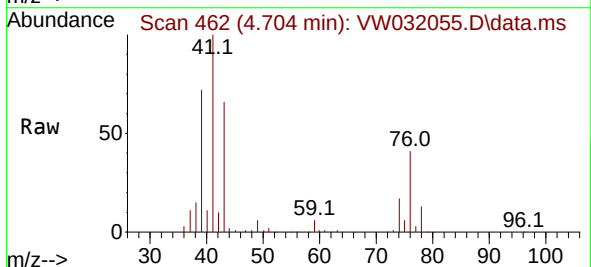
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

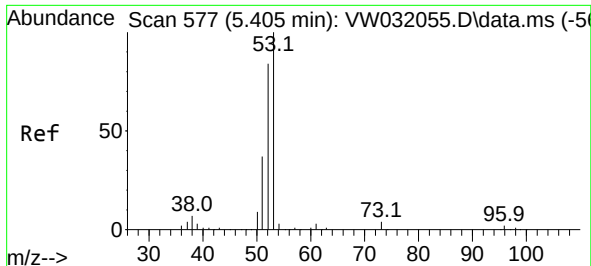
Tgt Ion: 56 Resp: 78858
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.2



#14
Allyl chloride
Concen: 48.819 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 41 Resp: 192434
Ion Ratio Lower Upper
41 100
39 68.1 54.5 81.7
76 36.6 29.3 43.9

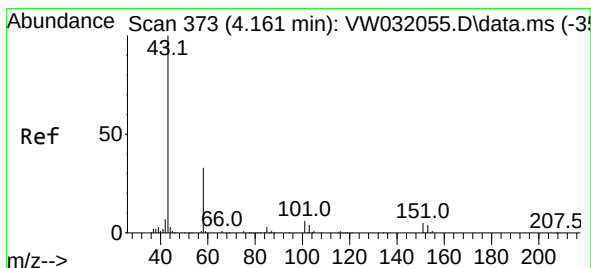
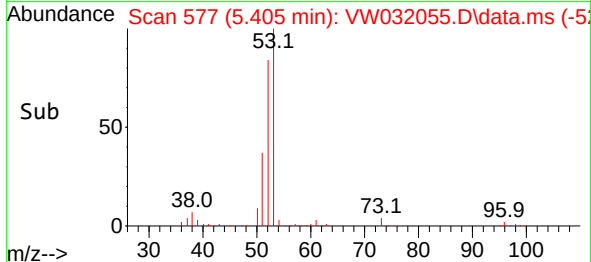
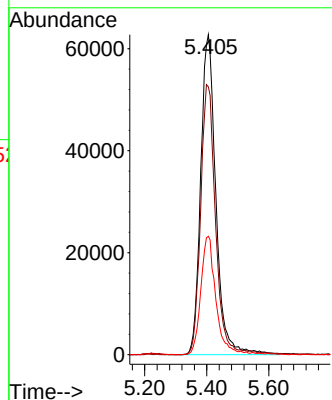
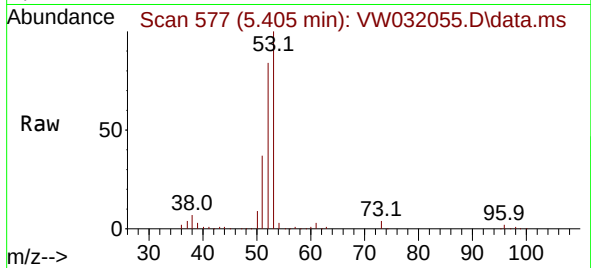




#15
Acrylonitrile
Concen: 262.963 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

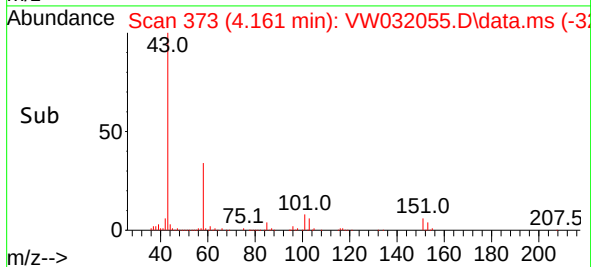
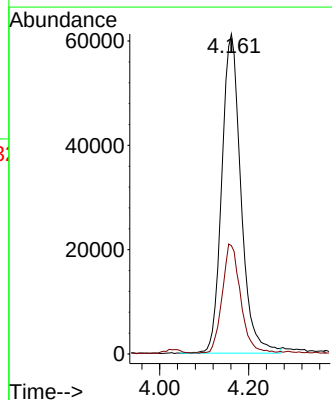
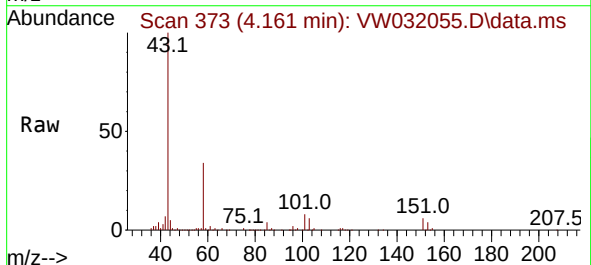
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

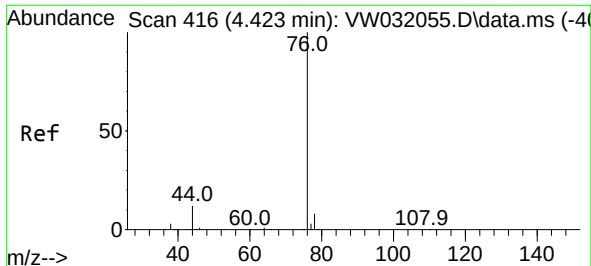
Tgt Ion: 53 Resp: 213941
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 36.5 29.2 43.8



#16
Acetone
Concen: 244.127 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 43 Resp: 182559
Ion Ratio Lower Upper
43 100
58 33.2 26.6 39.8

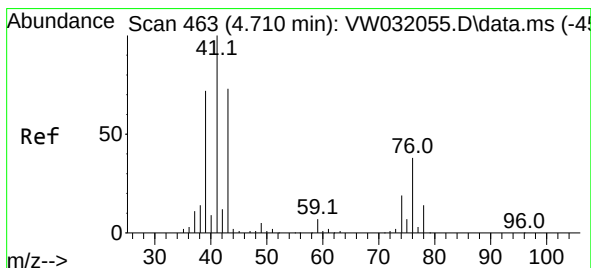
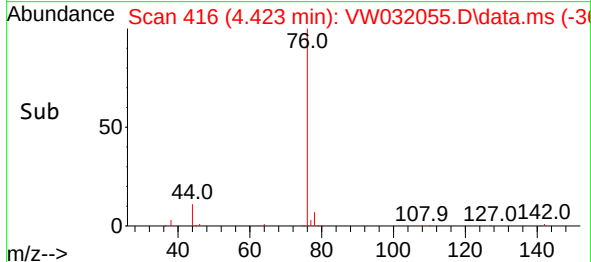
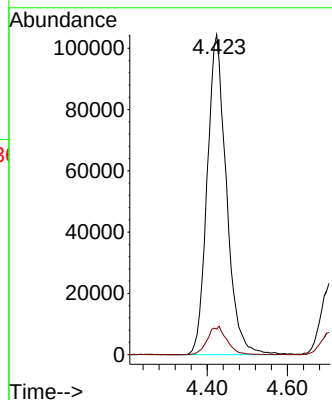
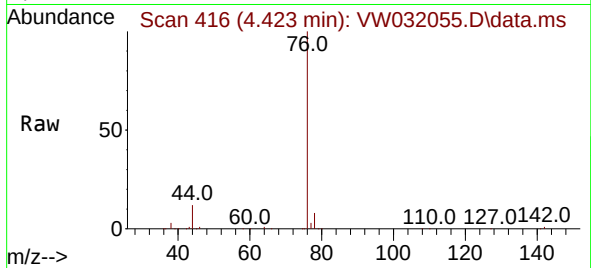




#17
Carbon Disulfide
Concen: 47.836 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

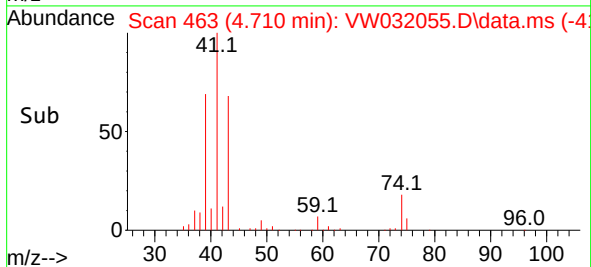
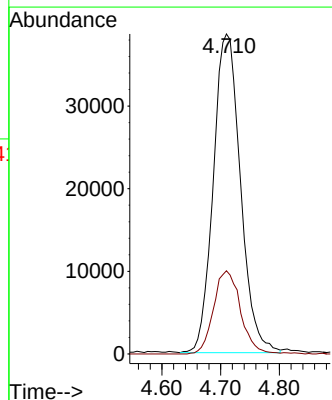
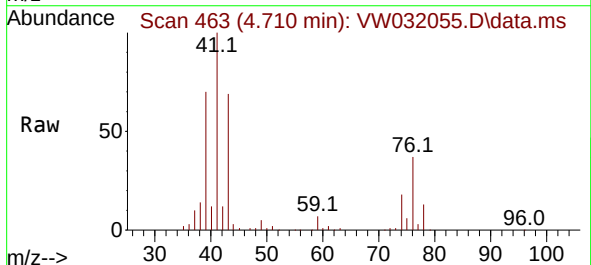
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

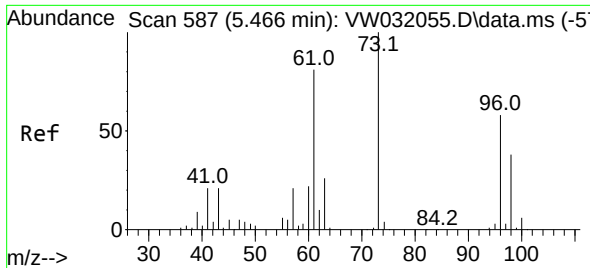
Tgt Ion: 76 Resp: 347752
Ion Ratio Lower Upper
76 100
78 8.0 6.4 9.6



#18
Methyl Acetate
Concen: 52.361 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 43 Resp: 123902
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0

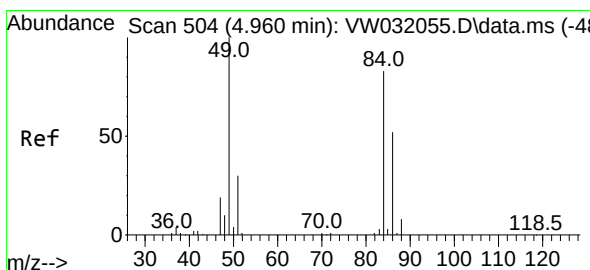
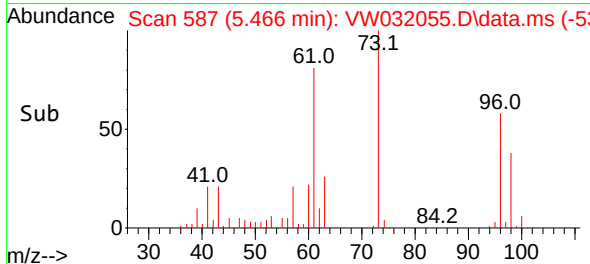
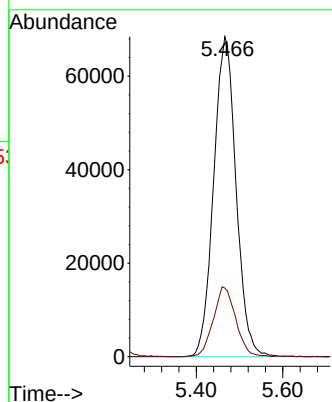
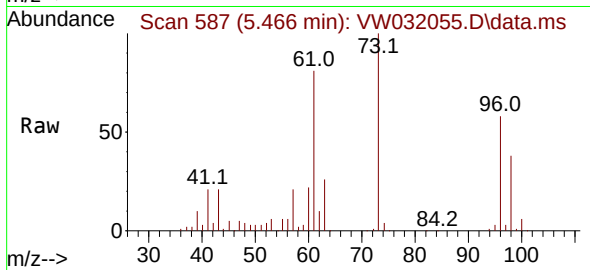




#19
Methyl tert-butyl Ether
Concen: 51.560 ug/l
RT: 5.466 min Scan# 519
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

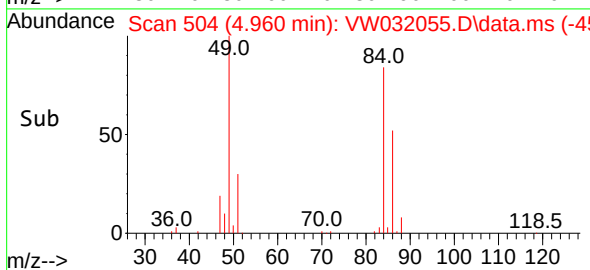
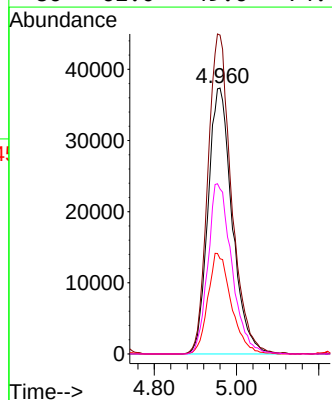
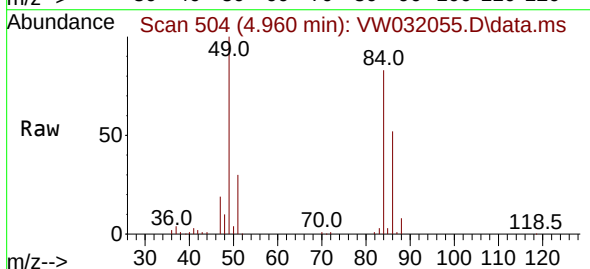
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

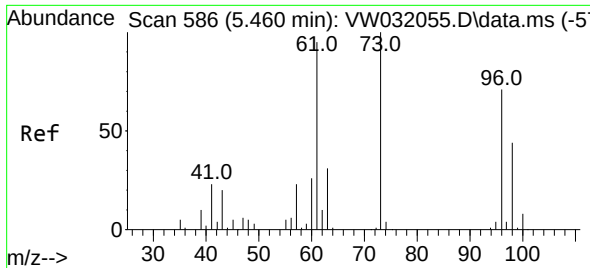
Tgt Ion: 73 Resp: 246045
Ion Ratio Lower Upper
73 100
57 21.5 17.2 25.8



#20
Methylene Chloride
Concen: 44.016 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 84 Resp: 152186
Ion Ratio Lower Upper
84 100
49 119.9 95.9 143.9
51 35.8 28.6 43.0
86 62.0 49.6 74.4

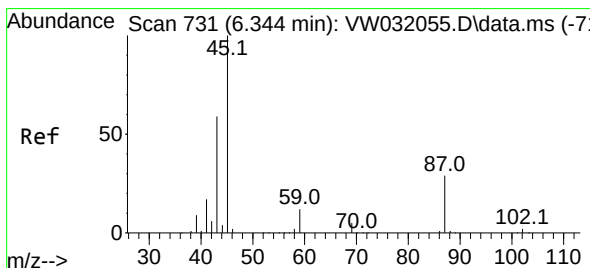
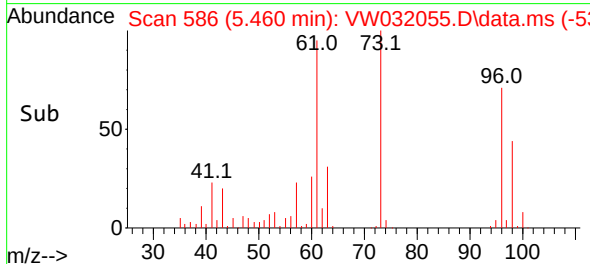
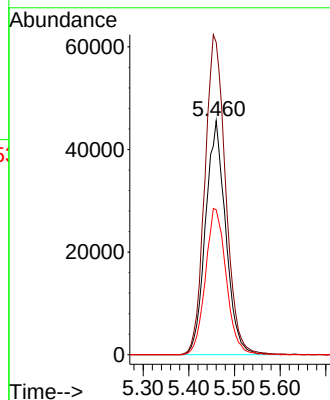
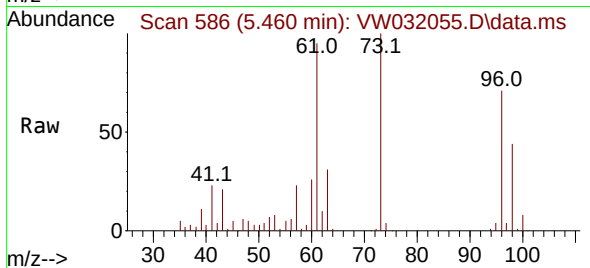




#21
trans-1,2-Dichloroethene
Concen: 48.707 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

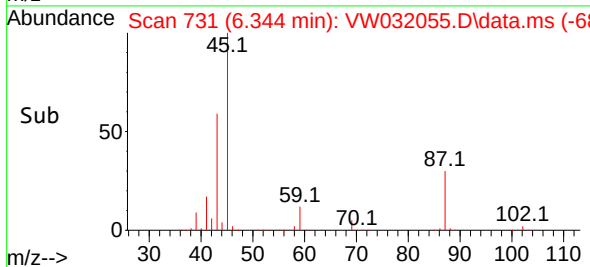
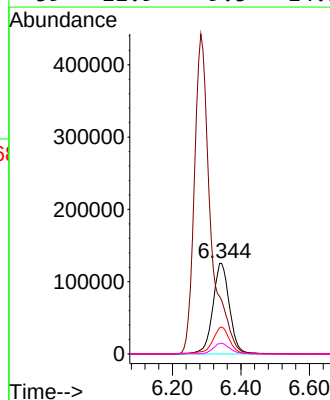
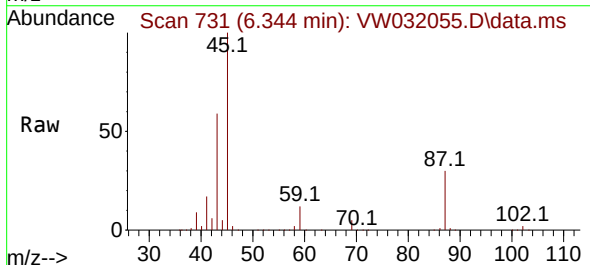
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

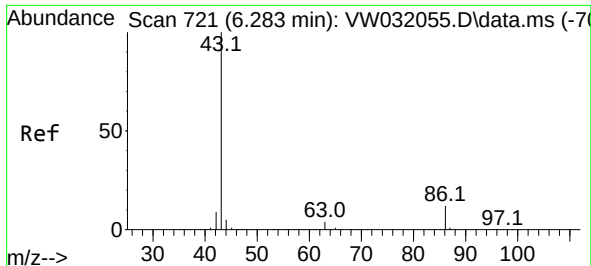
Tgt Ion: 96 Resp: 139994
Ion Ratio Lower Upper
96 100
61 133.5 106.8 160.2
98 62.0 49.6 74.4



#22
Diisopropyl ether
Concen: 50.751 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 45 Resp: 421731
Ion Ratio Lower Upper
45 100
43 58.7 47.0 70.4
87 29.8 23.8 35.8
59 11.9 9.5 14.3

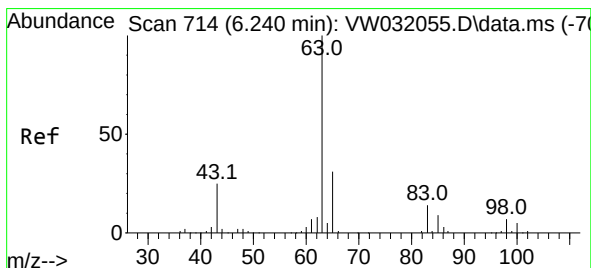
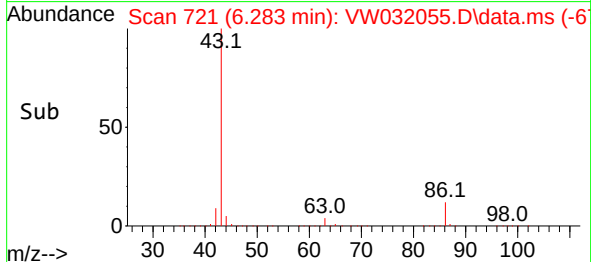
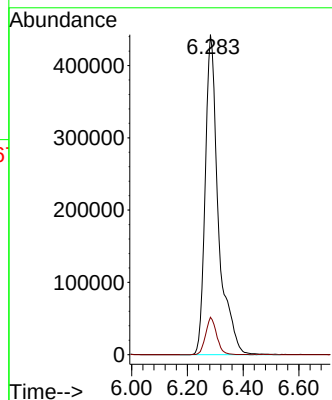
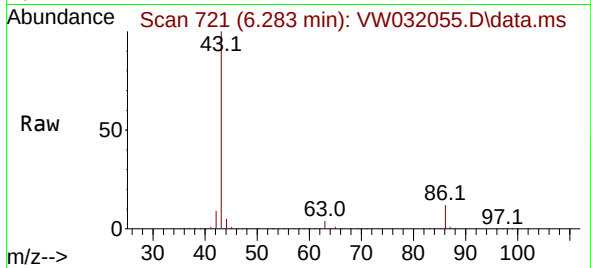




#23
 Vinyl Acetate
 Concen: 265.873 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032055.D
 Acq: 11 Aug 2025 10:09

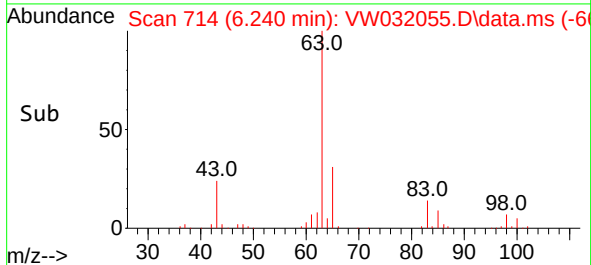
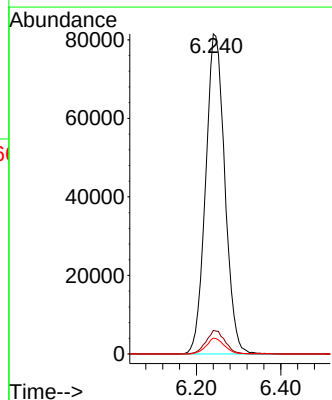
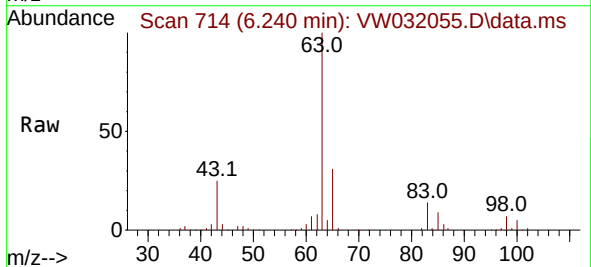
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

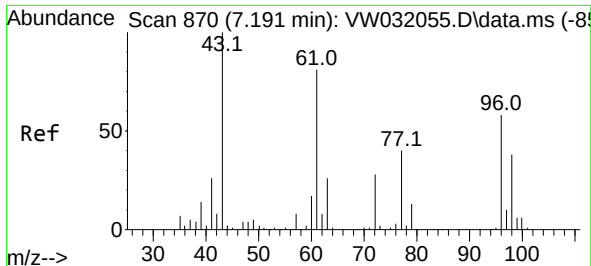
Tgt Ion: 43 Resp: 1450553
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 48.646 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032055.D
 Acq: 11 Aug 2025 10:09

Tgt Ion: 63 Resp: 258279
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.9 2.5 7.4

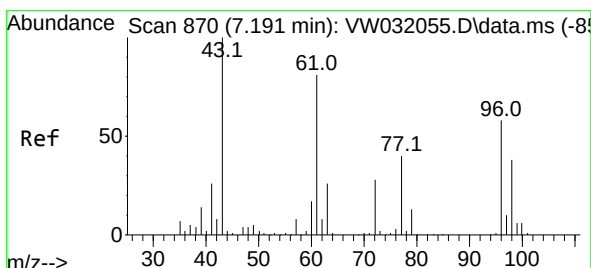
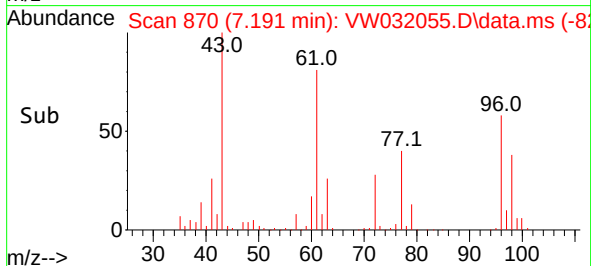
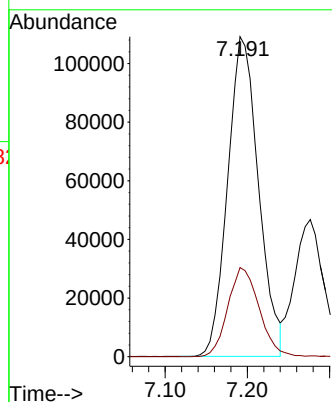
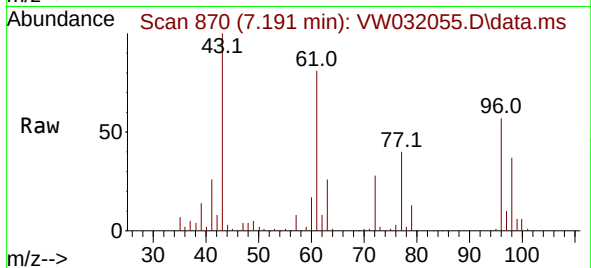




#25
2-Butanone
Concen: 267.883 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

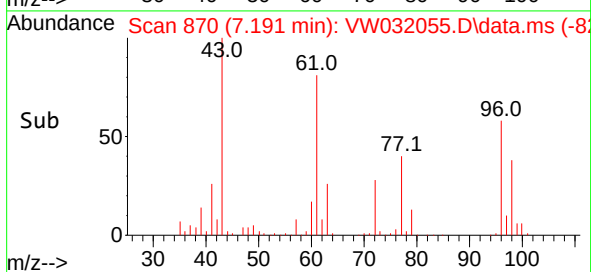
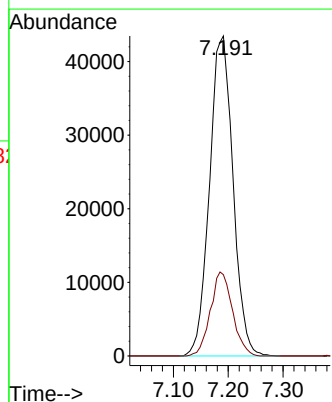
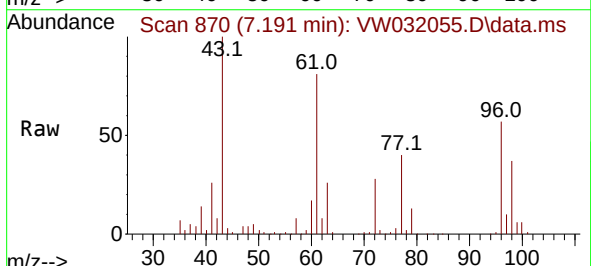
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

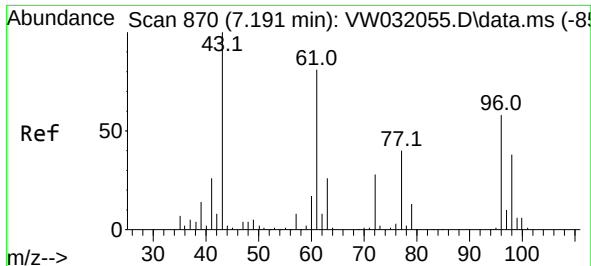
Tgt Ion: 43 Resp: 284711
Ion Ratio Lower Upper
43 100
72 27.9 22.3 33.5



#26
2,2-Dichloropropane
Concen: 48.578 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 77 Resp: 129390
Ion Ratio Lower Upper
77 100
97 24.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 49.779 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

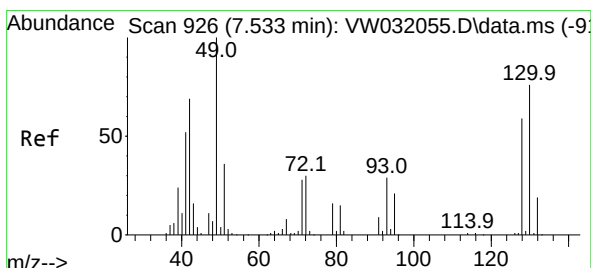
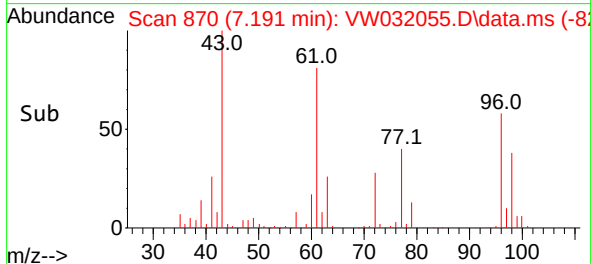
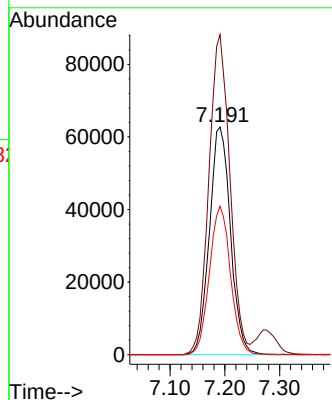
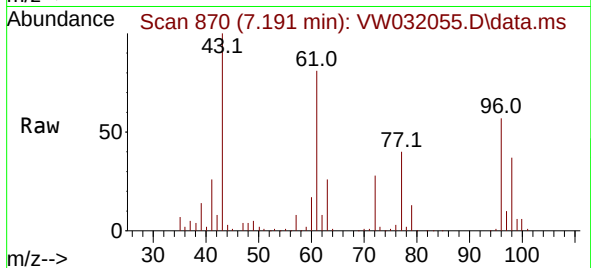
Tgt Ion: 96 Resp: 167240

Ion Ratio Lower Upper

96 100

61 140.6 0.0 281.2

98 65.4 0.0 130.8



#28

Bromochloromethane

Concen: 50.191 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

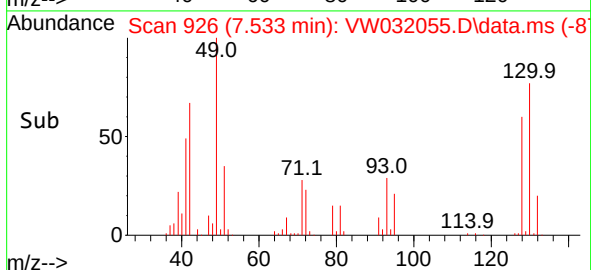
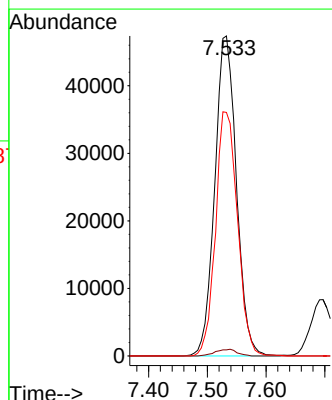
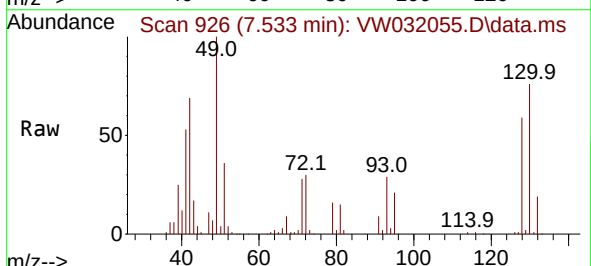
Tgt Ion: 49 Resp: 121266

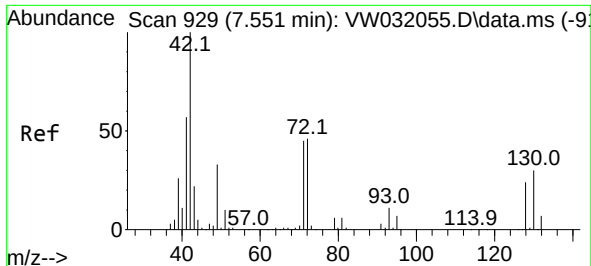
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 77.4 61.9 92.9





#29

Tetrahydrofuran

Concen: 272.100 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

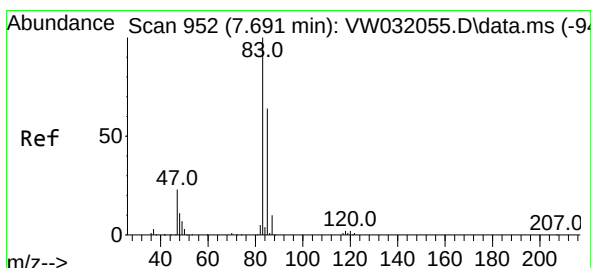
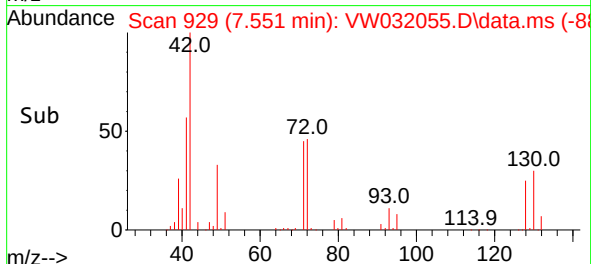
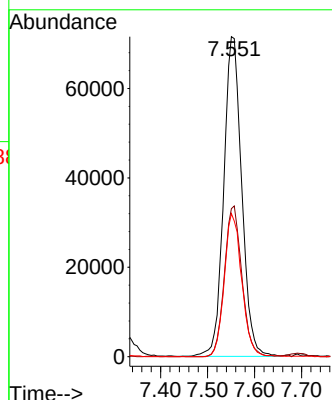
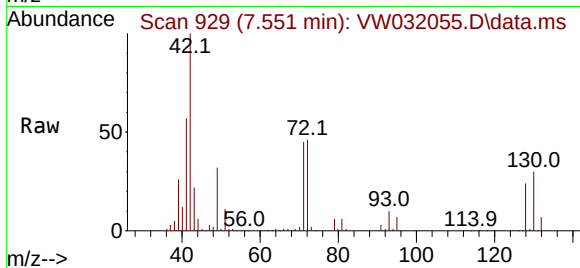
Tgt Ion: 42 Resp: 190719

Ion Ratio Lower Upper

42 100

72 45.8 36.6 55.0

71 43.4 34.7 52.1



#30

Chloroform

Concen: 49.018 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032055.D

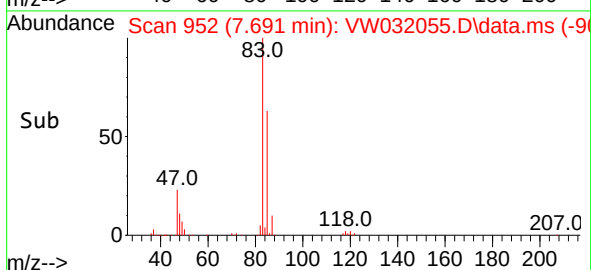
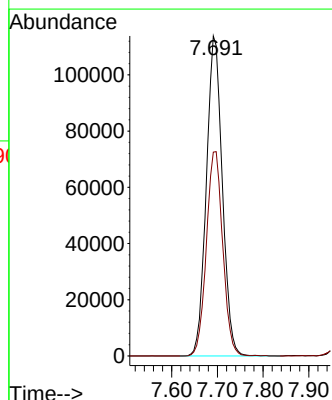
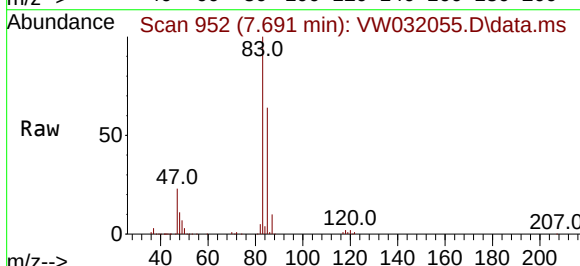
Acq: 11 Aug 2025 10:09

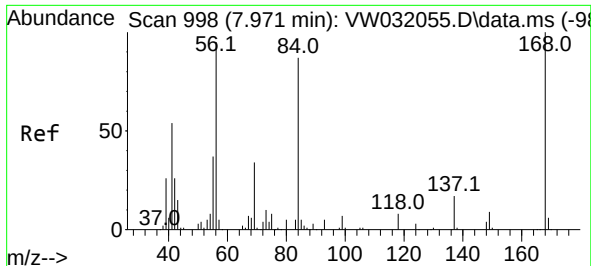
Tgt Ion: 83 Resp: 275905

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.4

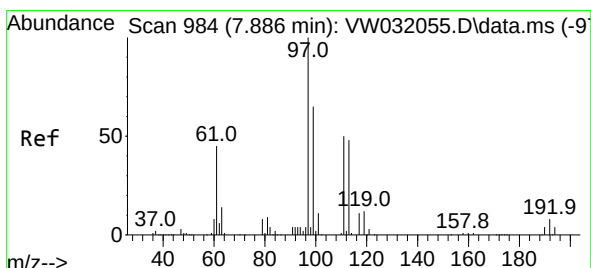
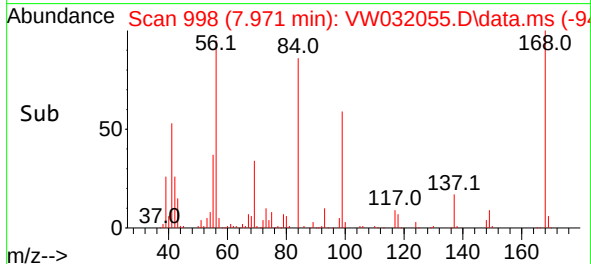
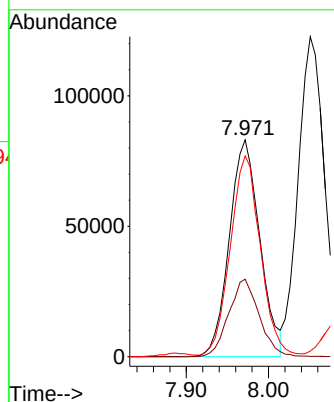
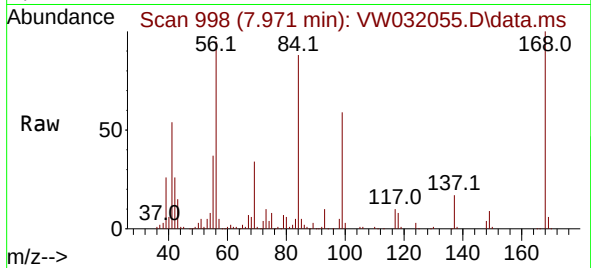




#31
Cyclohexane
Concen: 46.622 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

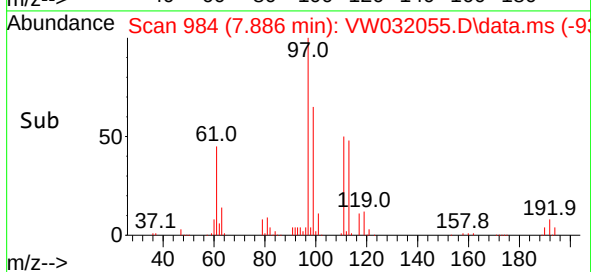
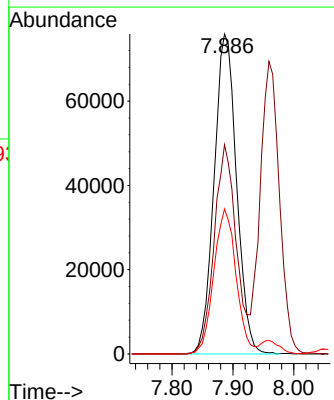
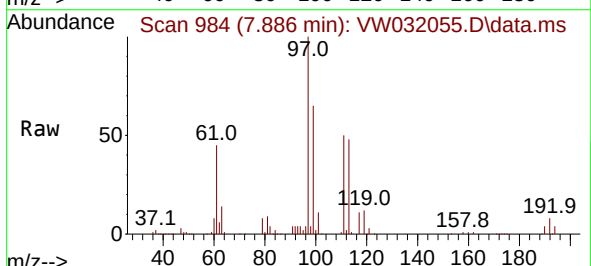
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

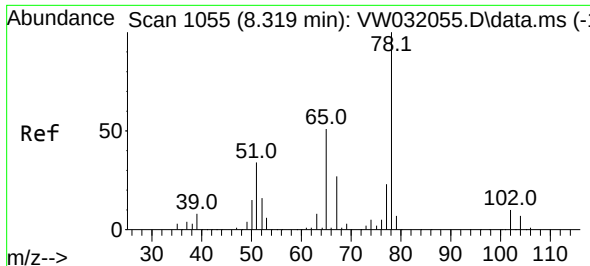
Tgt Ion: 56 Resp: 214597
Ion Ratio Lower Upper
56 100
69 35.7 28.6 42.8
84 91.2 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 47.617 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 97 Resp: 194676
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 44.9 35.9 53.9

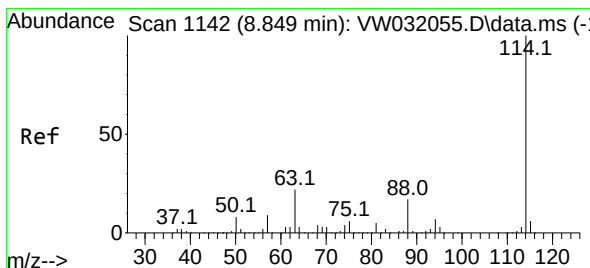
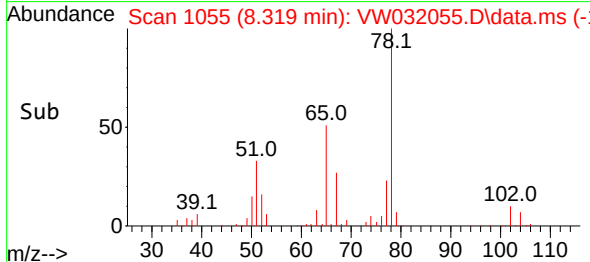
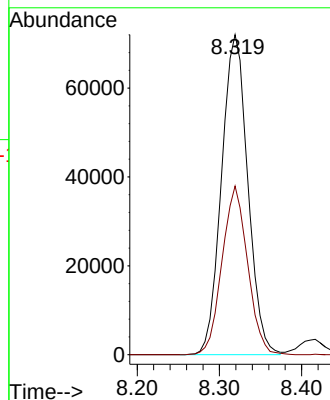
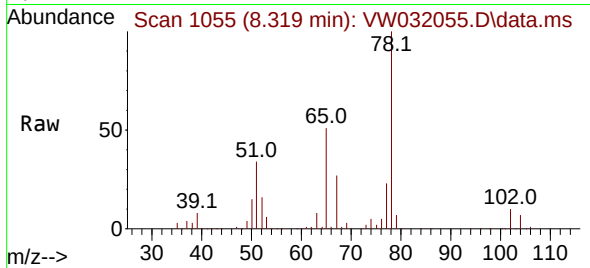




#33
 1,2-Dichloroethane-d4
 Concen: 49.529 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032055.D
 Acq: 11 Aug 2025 10:09

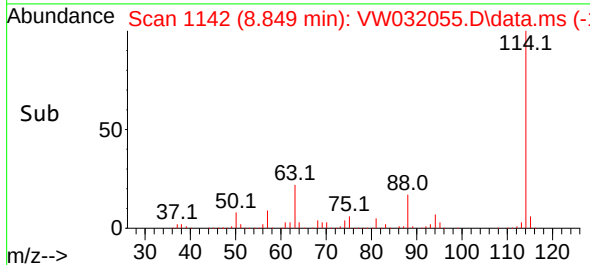
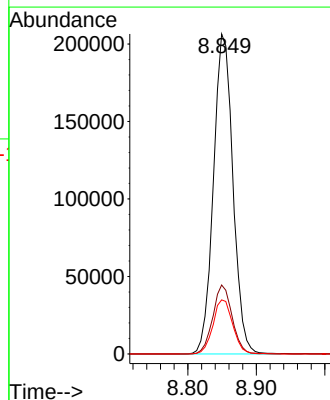
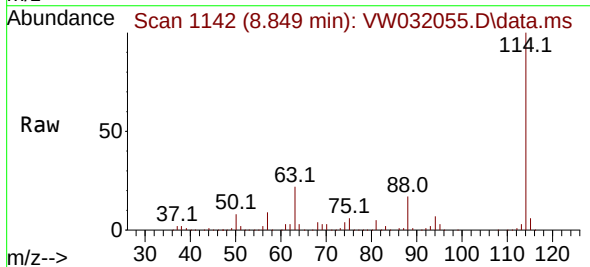
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

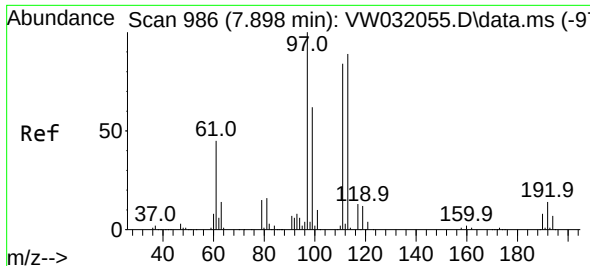
Tgt Ion: 65 Resp: 159972
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032055.D
 Acq: 11 Aug 2025 10:09

Tgt Ion: 114 Resp: 406973
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 16.9 0.0 33.8

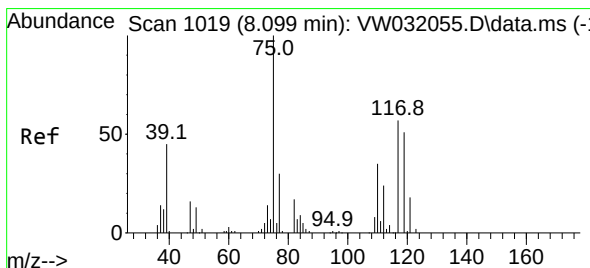
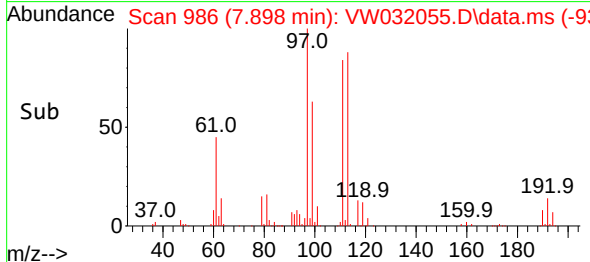
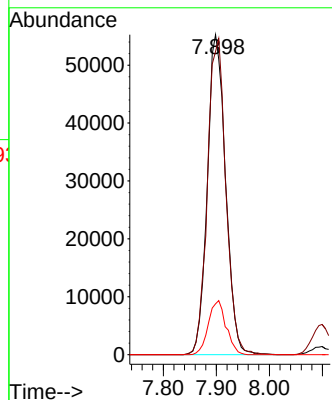
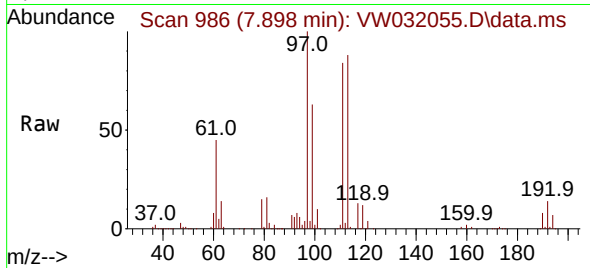




#35
Dibromofluoromethane
Concen: 50.279 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

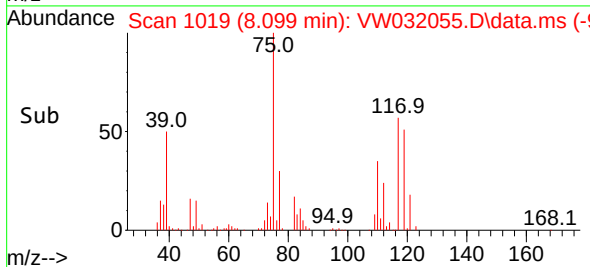
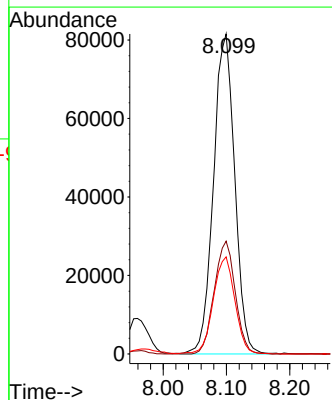
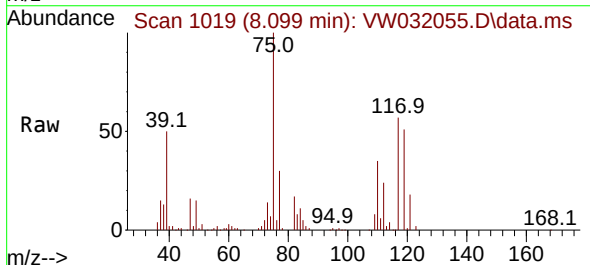
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

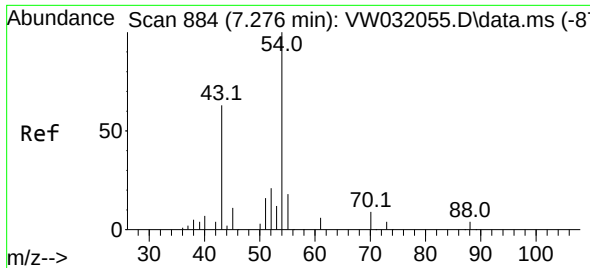
Tgt Ion:113 Resp: 132195
Ion Ratio Lower Upper
113 100
111 100.1 80.1 120.1
192 16.4 13.1 19.7



#36
1,1-Dichloropropene
Concen: 51.274 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 75 Resp: 190046
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 30.9 24.7 37.1

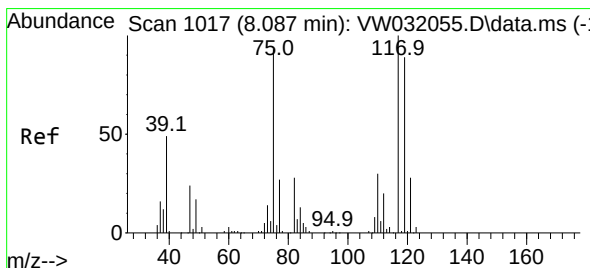
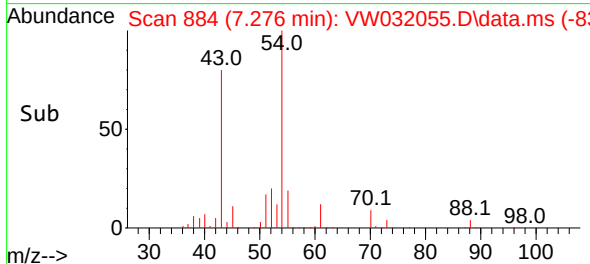
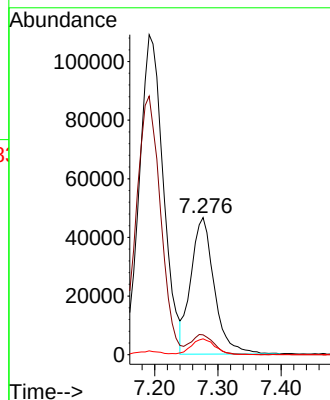
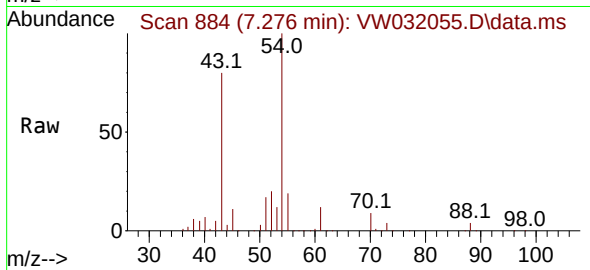




#37
Ethyl Acetate
Concen: 54.829 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

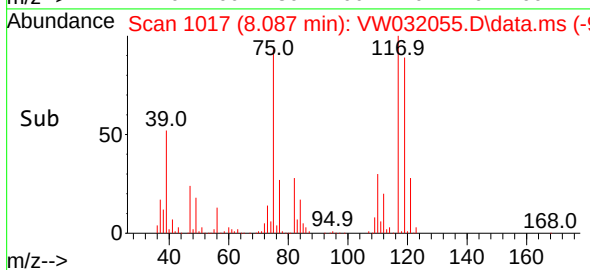
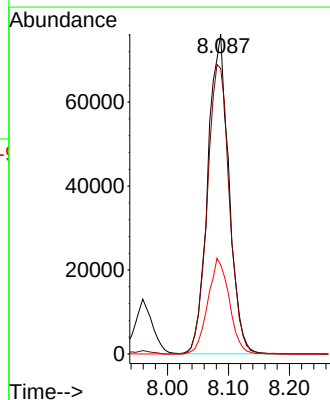
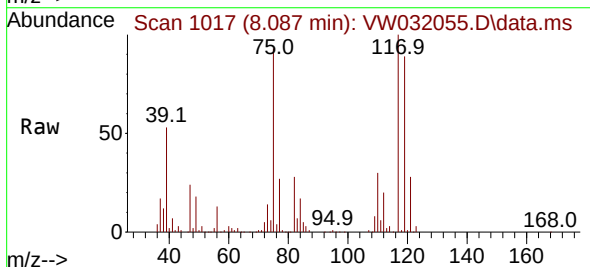
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

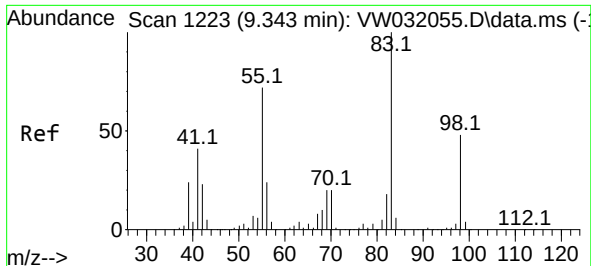
Tgt Ion: 43 Resp: 119689
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 11.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 51.000 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 117 Resp: 182422
Ion Ratio Lower Upper
117 100
119 89.3 71.4 107.2
121 27.9 22.3 33.5





#39

Methylcyclohexane

Concen: 52.093 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

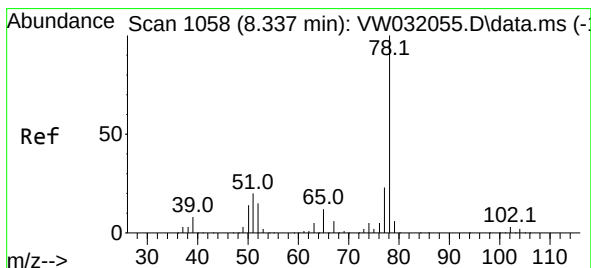
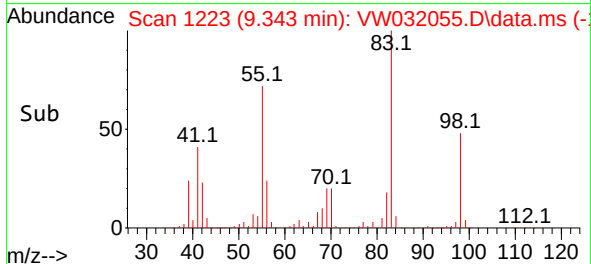
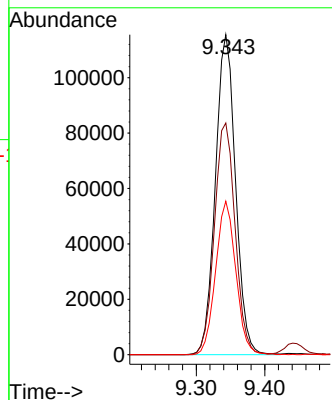
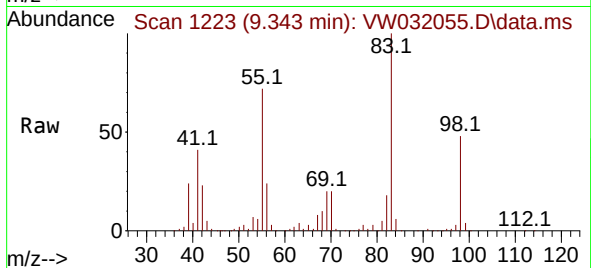
Tgt Ion: 83 Resp: 235341

Ion Ratio Lower Upper

83 100

55 72.4 57.9 86.9

98 47.9 38.3 57.5



#40

Benzene

Concen: 51.883 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032055.D

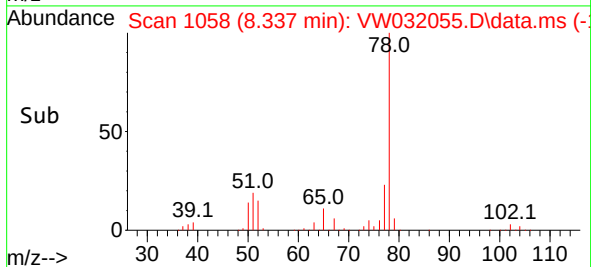
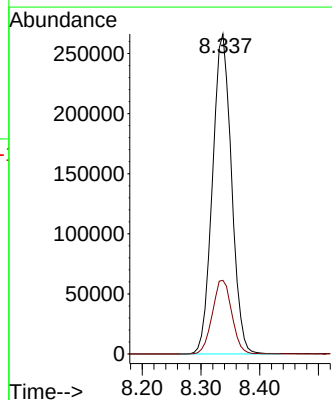
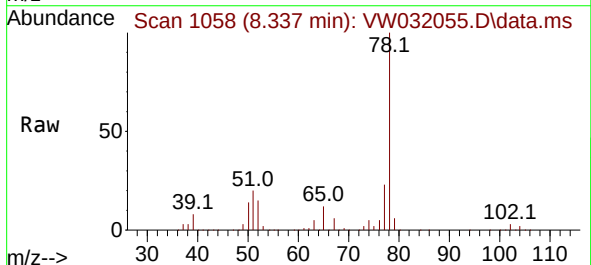
Acq: 11 Aug 2025 10:09

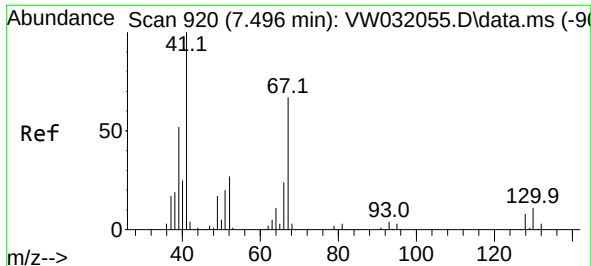
Tgt Ion: 78 Resp: 597760

Ion Ratio Lower Upper

78 100

77 23.0 18.4 27.6

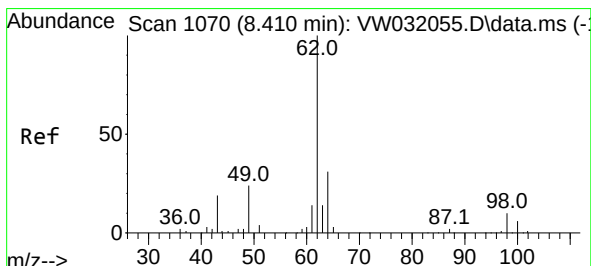
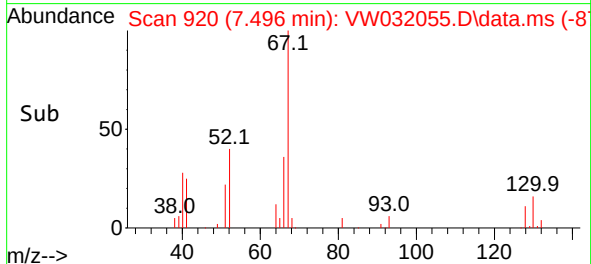
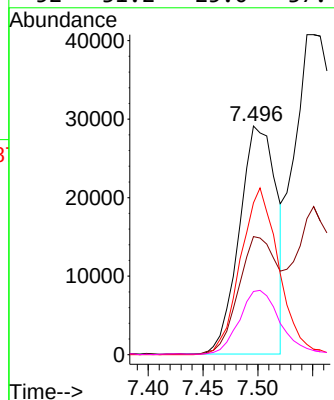
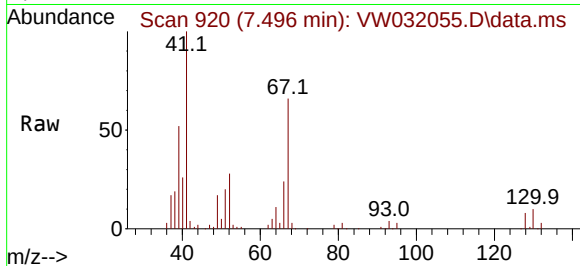




#41
Methacrylonitrile
Concen: 55.039 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

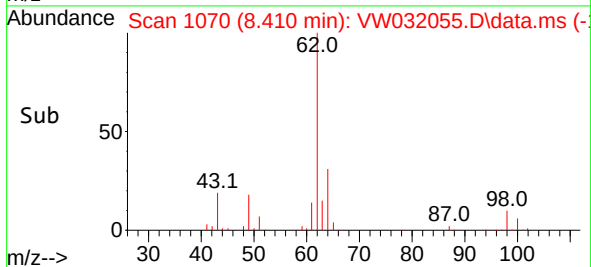
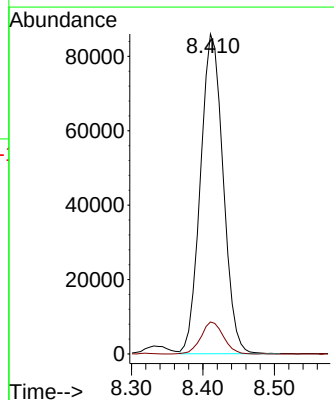
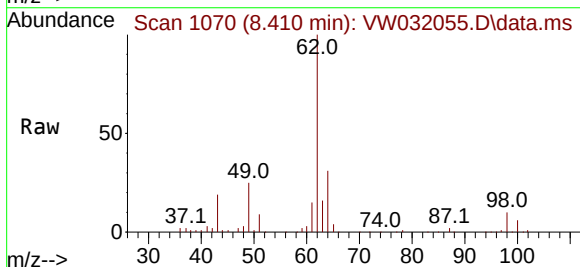
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

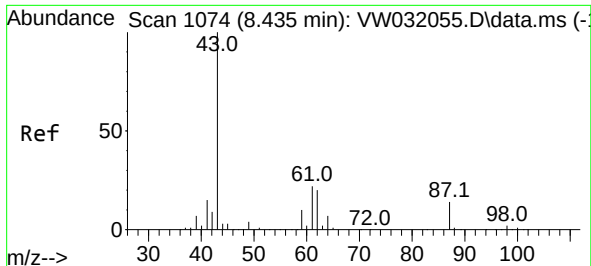
Tgt Ion:	41	Resp:	68136
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.6	63.8
67	76.2	61.0	91.4
52	31.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 51.471 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion:	62	Resp:	189755
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

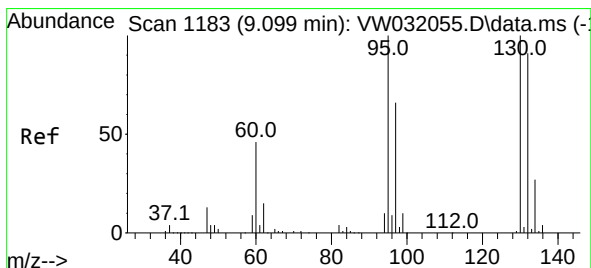
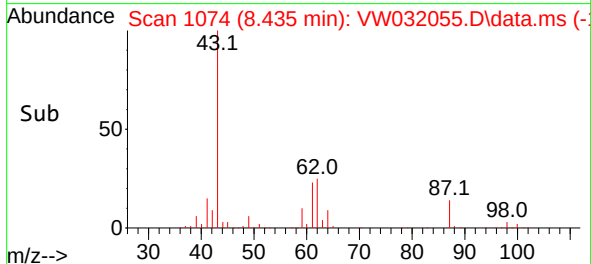
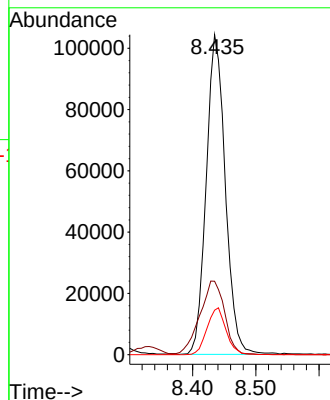
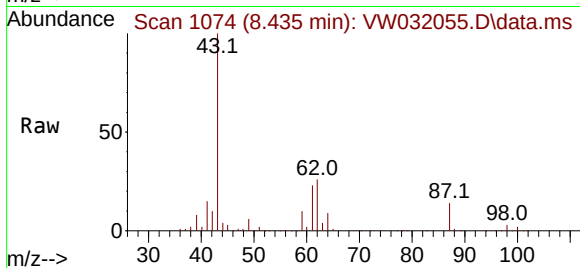




#43
Isopropyl Acetate
Concen: 54.544 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

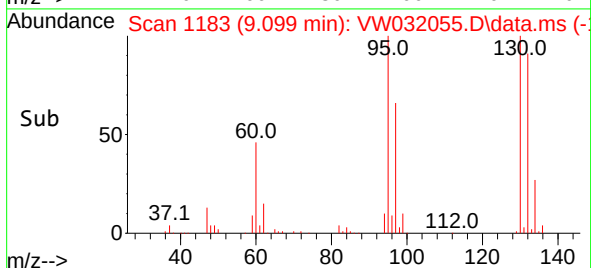
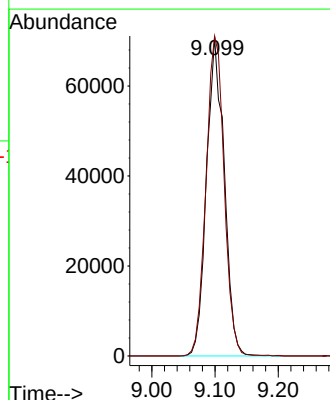
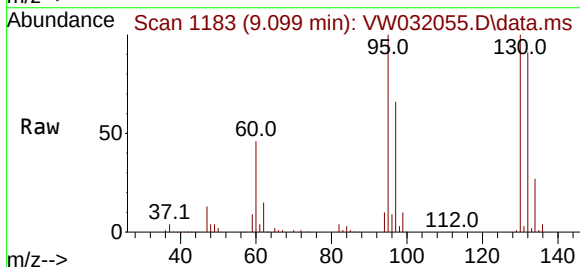
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

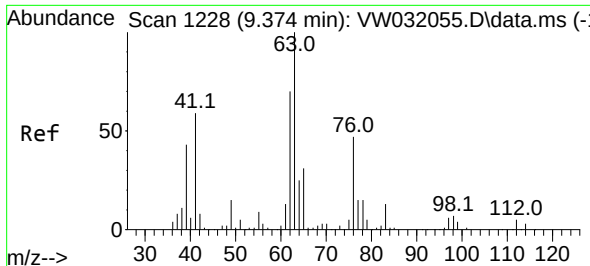
Tgt Ion: 43 Resp: 219064
Ion Ratio Lower Upper
43 100
61 29.8 23.8 35.8
87 14.6 11.7 17.5



#44
Trichloroethene
Concen: 50.264 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion:130 Resp: 137910
Ion Ratio Lower Upper
130 100
95 100.3 0.0 200.6

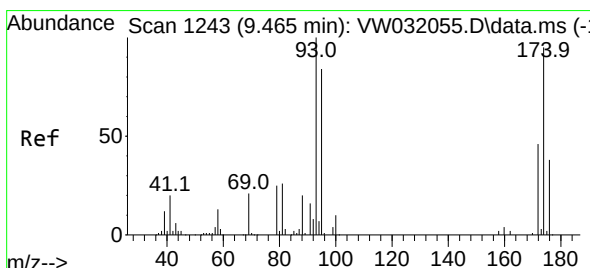
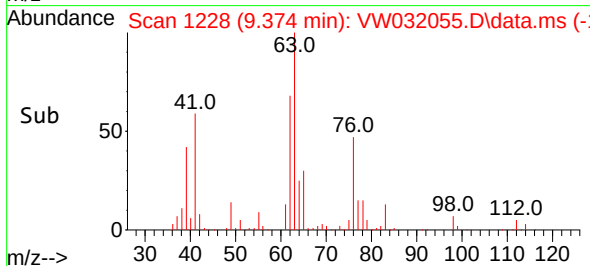
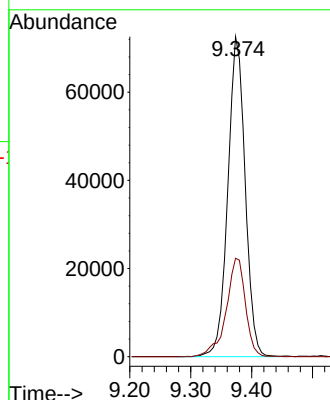
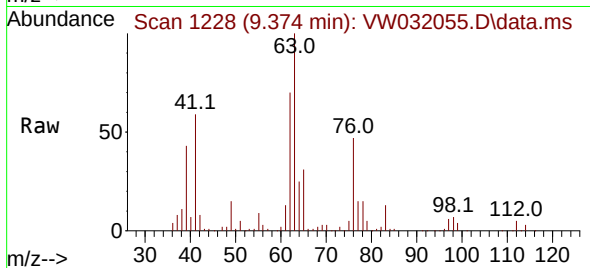




#45
1,2-Dichloropropane
Concen: 51.537 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

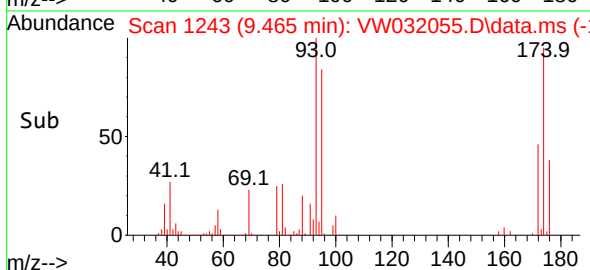
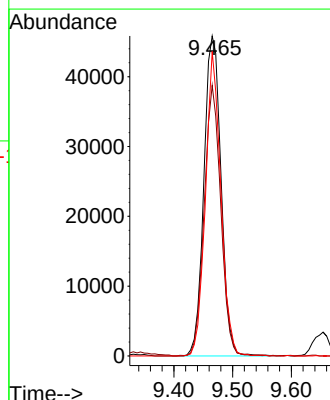
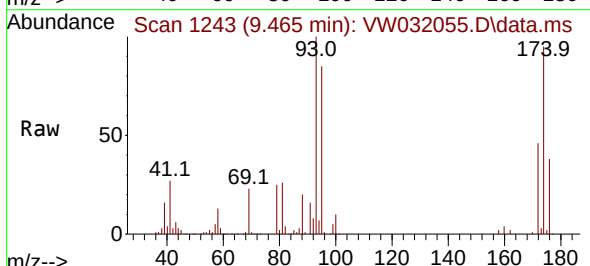
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

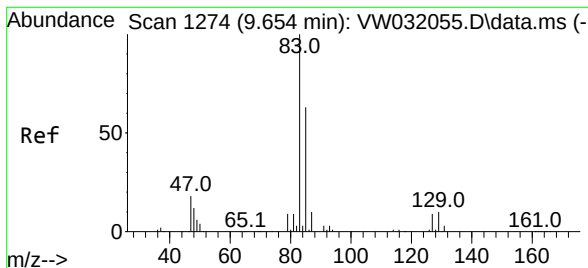
Tgt Ion: 63 Resp: 143446
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8



#46
Dibromomethane
Concen: 51.770 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 93 Resp: 93001
Ion Ratio Lower Upper
93 100
95 81.6 65.3 97.9
174 85.7 68.6 102.8





#47

Bromodichloromethane

Concen: 52.307 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

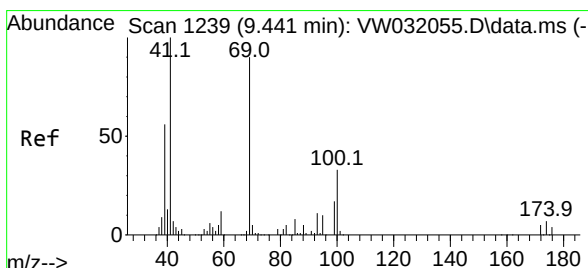
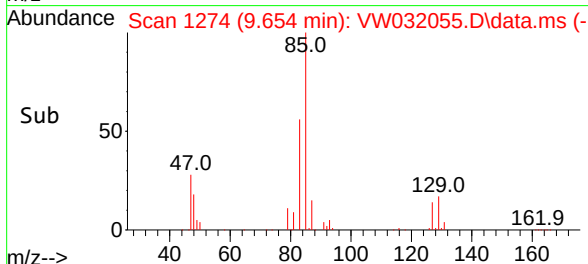
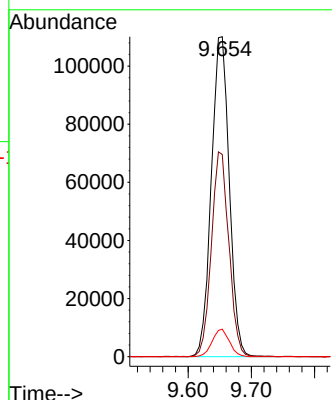
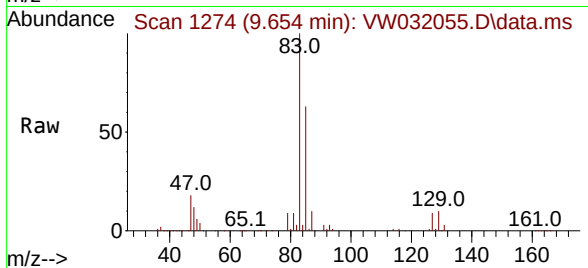
Tgt Ion: 83 Resp: 216521

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8

127 8.6 6.9 10.3



#48

Methyl methacrylate

Concen: 55.849 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

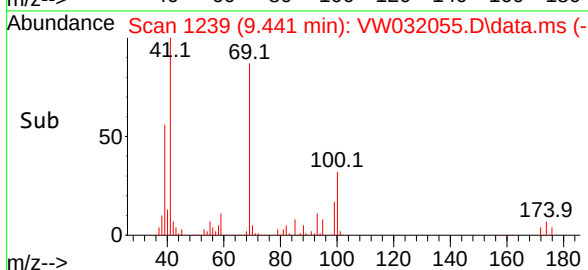
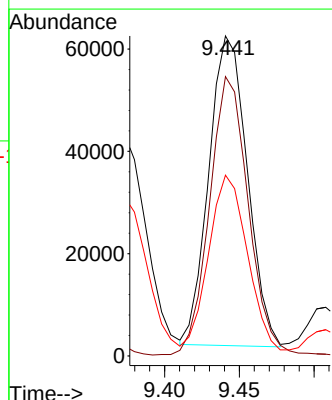
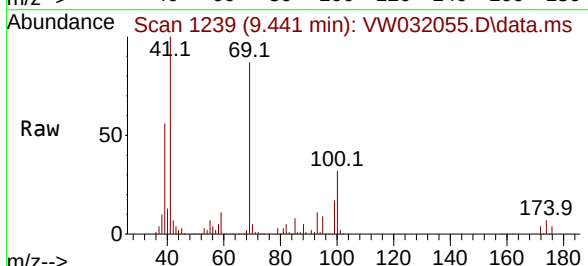
Tgt Ion: 41 Resp: 108287

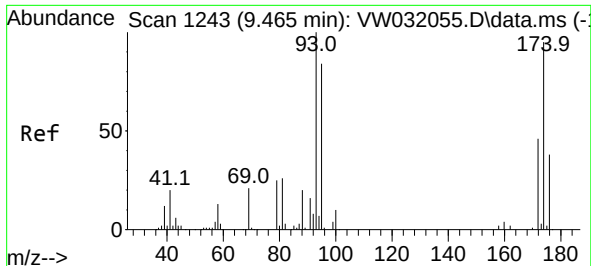
Ion Ratio Lower Upper

41 100

69 91.3 73.0 109.6

39 56.2 45.0 67.4





#49

1,4-Dioxane

Concen: 1144.321 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

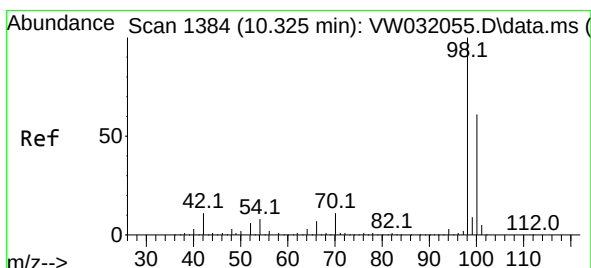
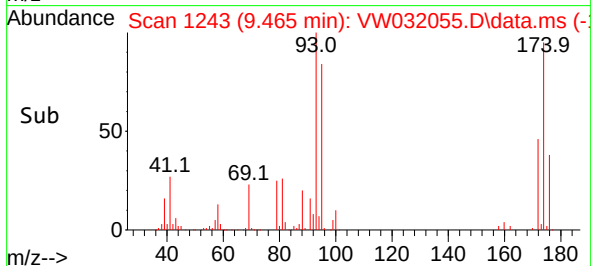
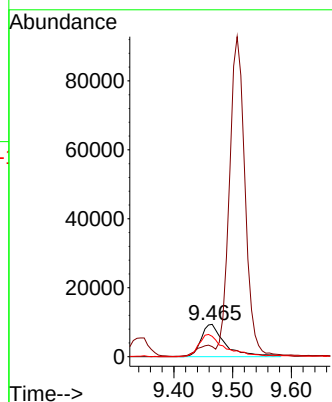
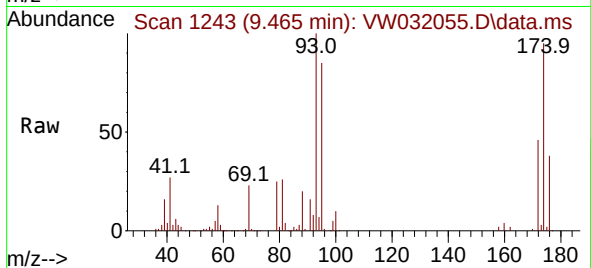
Tgt Ion: 88 Resp: 26579

Ion Ratio Lower Upper

88 100

43 25.7 20.6 30.8

58 75.5 60.4 90.6



#50

Toluene-d8

Concen: 52.098 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032055.D

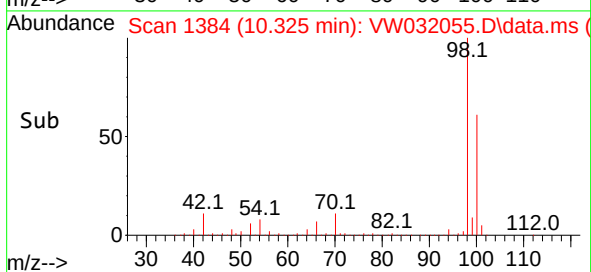
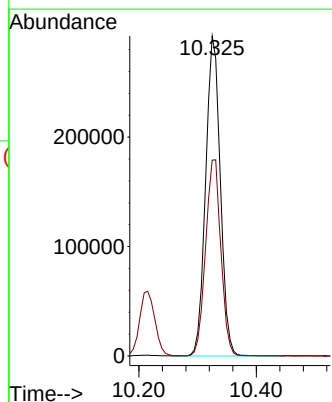
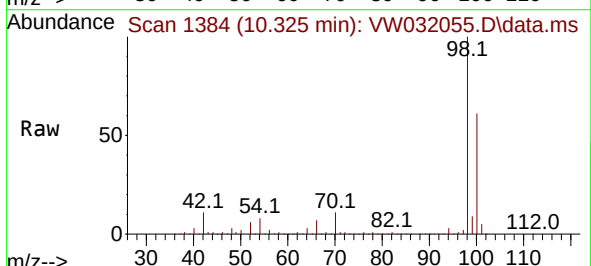
Acq: 11 Aug 2025 10:09

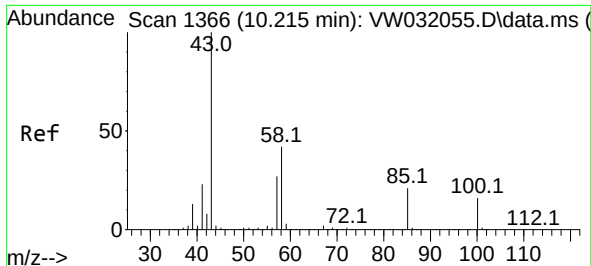
Tgt Ion: 98 Resp: 506634

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7

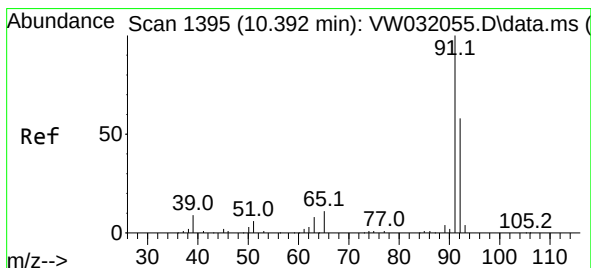
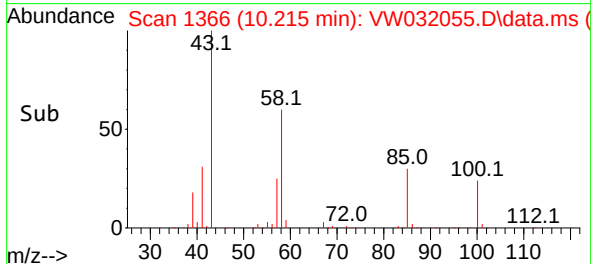
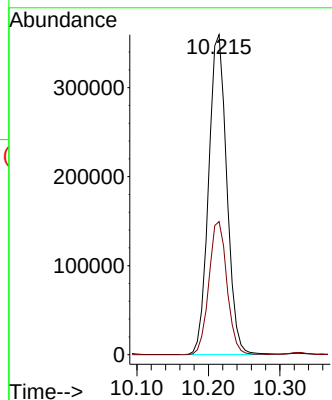
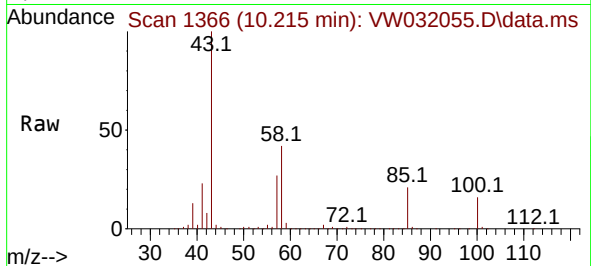




#51
4-Methyl-2-Pentanone
Concen: 280.194 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

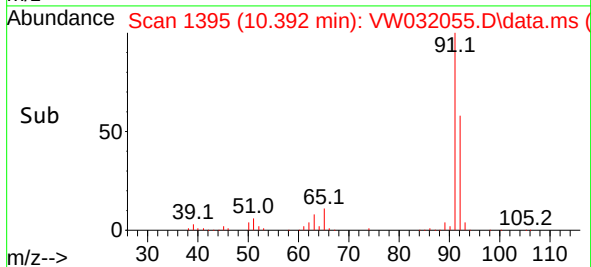
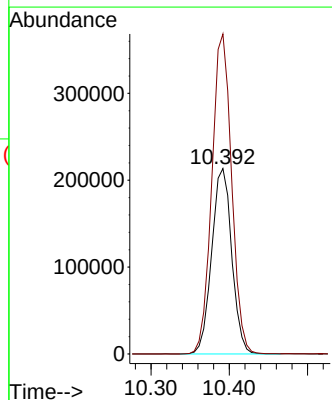
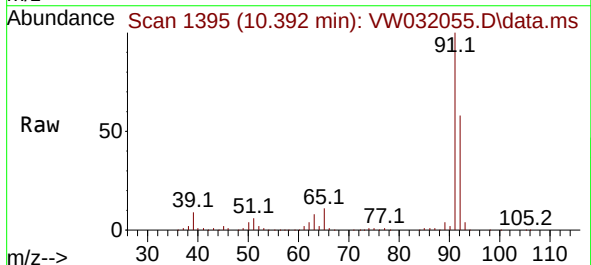
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

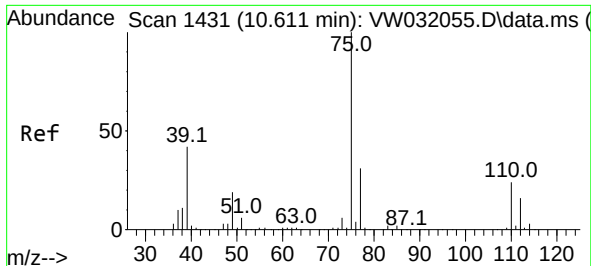
Tgt Ion: 43 Resp: 635174
Ion Ratio Lower Upper
43 100
58 41.4 33.1 49.7



#52
Toluene
Concen: 52.258 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 92 Resp: 379230
Ion Ratio Lower Upper
92 100
91 170.4 136.3 204.5

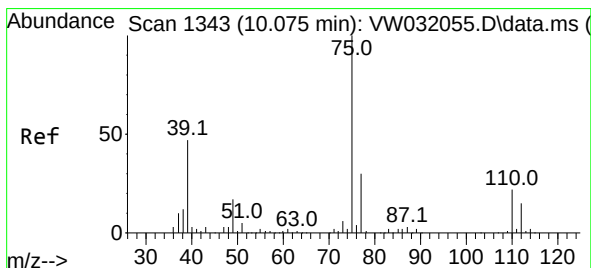
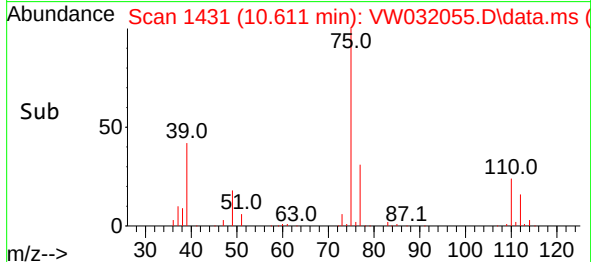
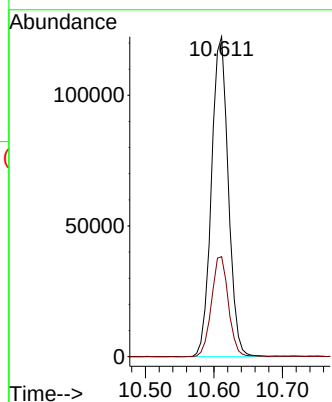
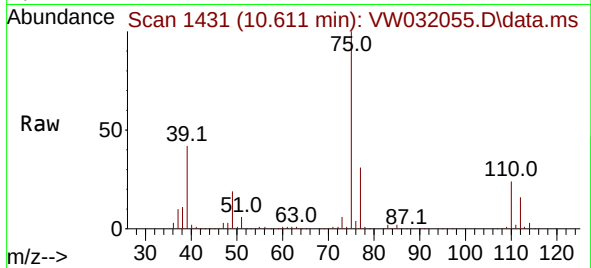




#53
t-1,3-Dichloropropene
Concen: 54.035 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

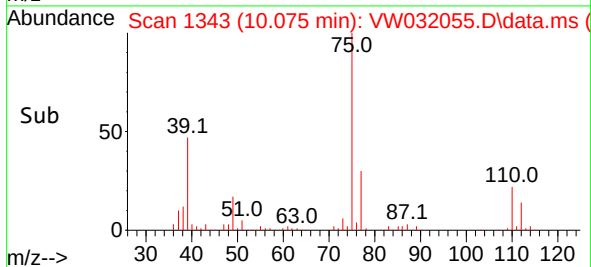
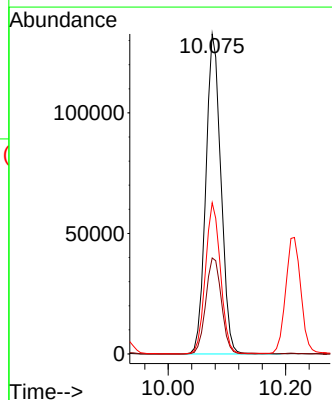
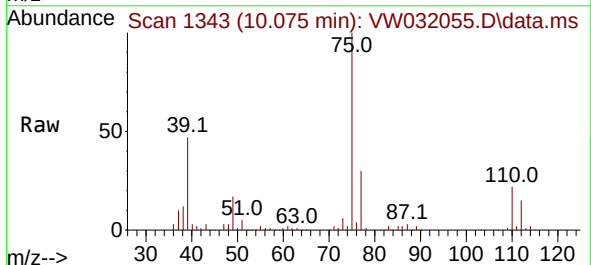
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

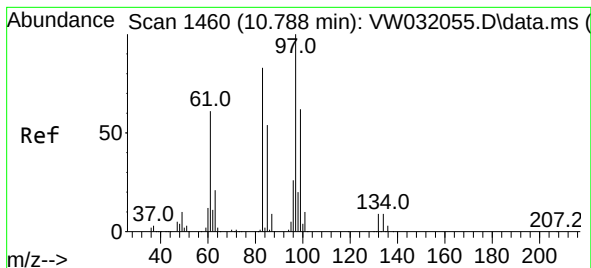
Tgt Ion: 75 Resp: 209555
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.744 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 75 Resp: 236454
Ion Ratio Lower Upper
75 100
77 30.0 24.0 36.0
39 47.3 37.8 56.8

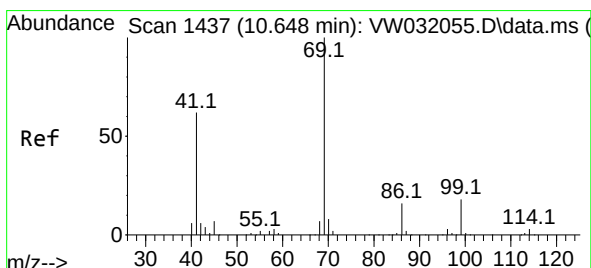
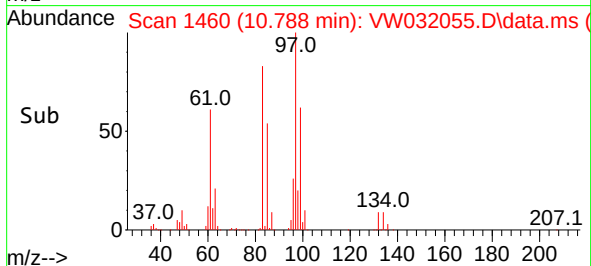
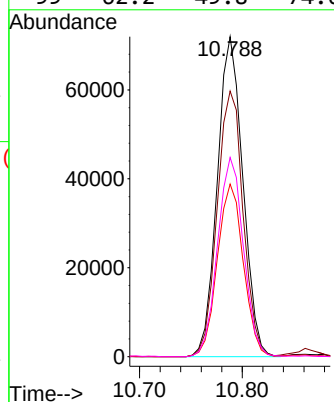
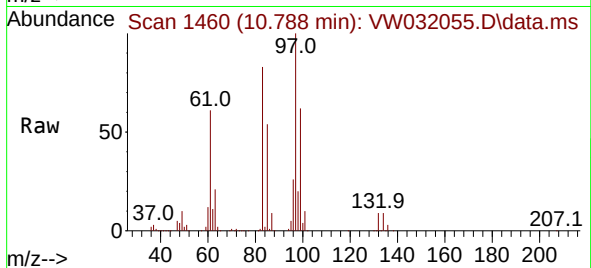




#55
1,1,2-Trichloroethane
Concen: 52.088 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

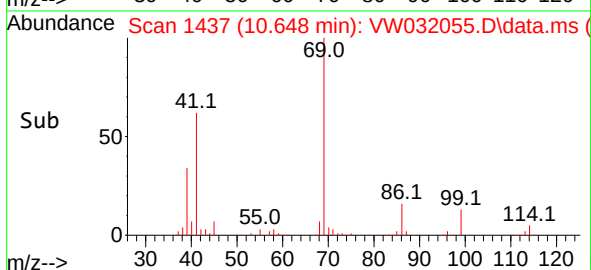
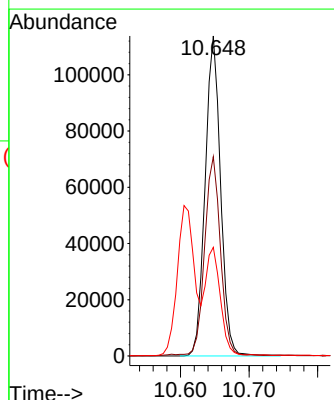
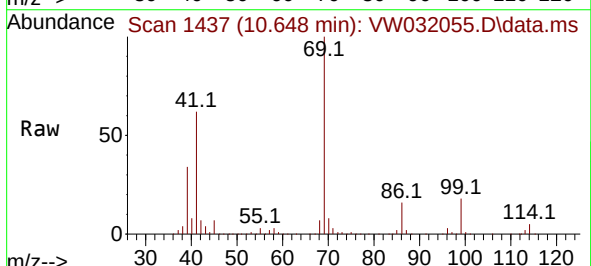
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

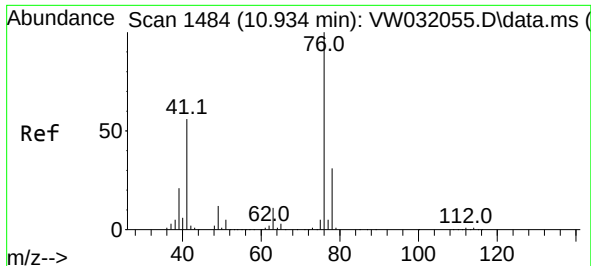
Tgt Ion:	97	Resp:	124341
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.4	99.6
85	53.9	43.1	64.7
99	62.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 56.027 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion:	69	Resp:	178974
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.2	76.8
39	31.7	25.4	38.0





#57

1,3-Dichloropropane

Concen: 52.084 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

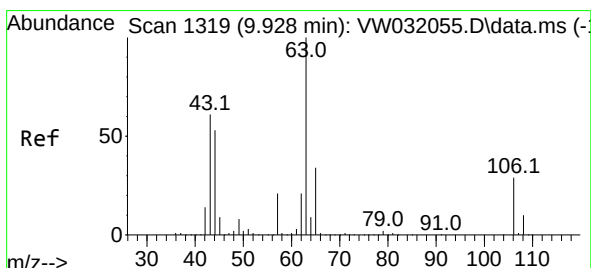
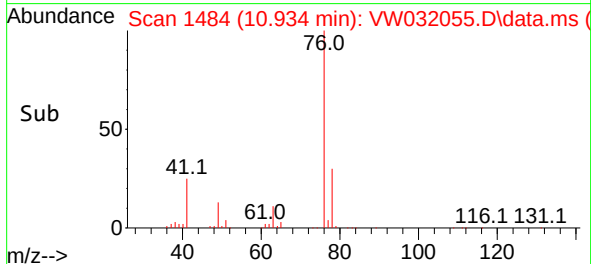
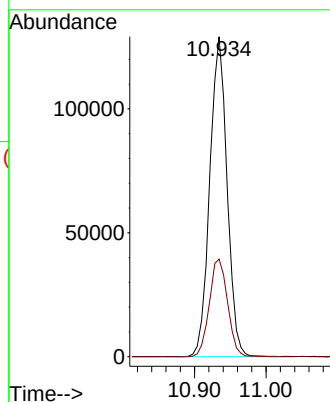
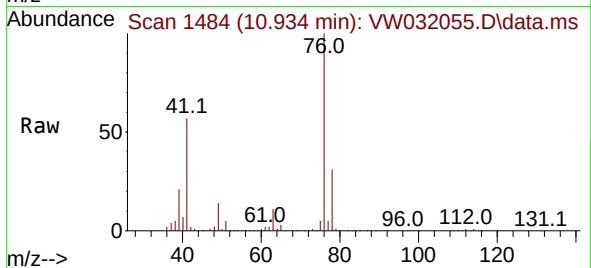
VSTDICCC050

Tgt Ion: 76 Resp: 216719

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 277.613 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032055.D

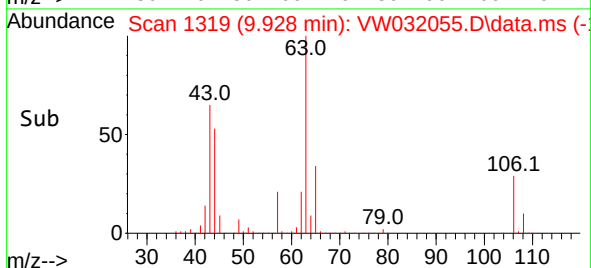
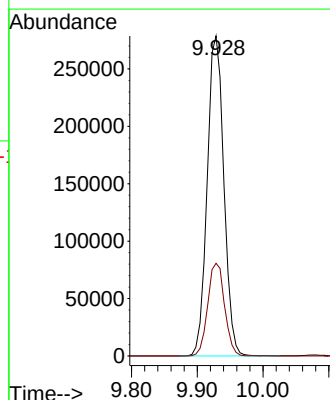
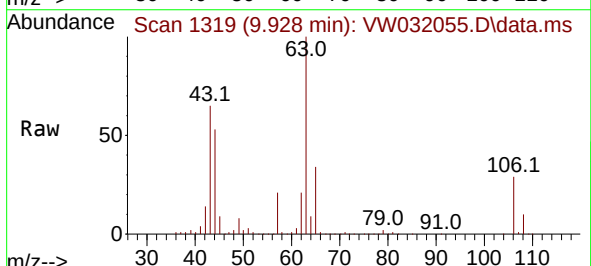
Acq: 11 Aug 2025 10:09

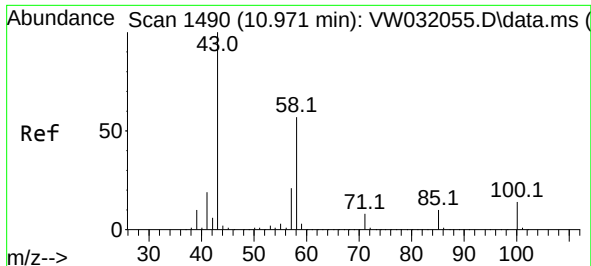
Tgt Ion: 63 Resp: 490522

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3

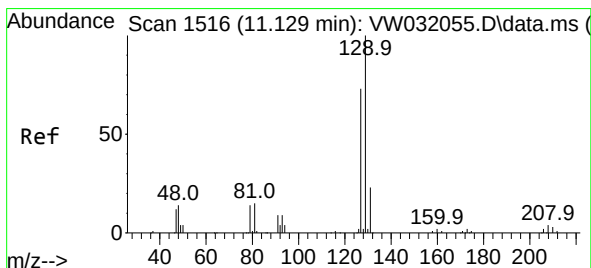
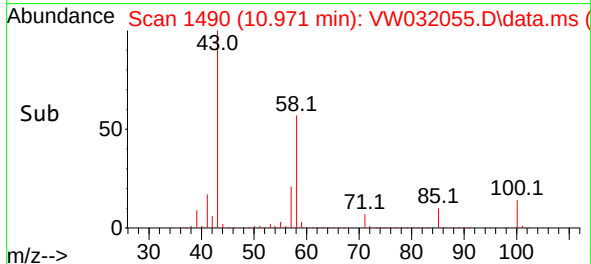
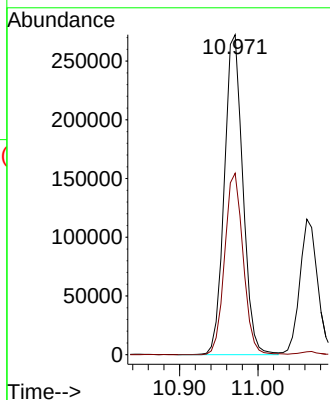
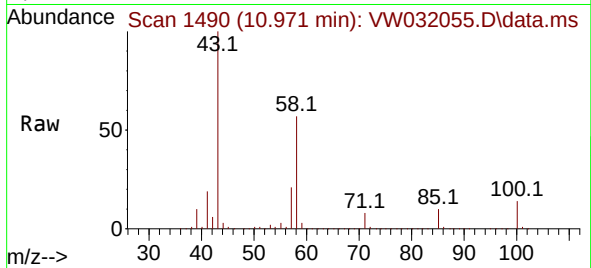




#59
2-Hexanone
Concen: 284.986 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

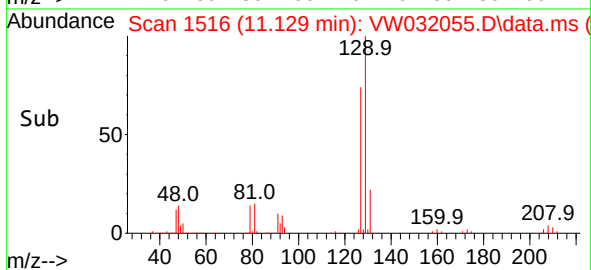
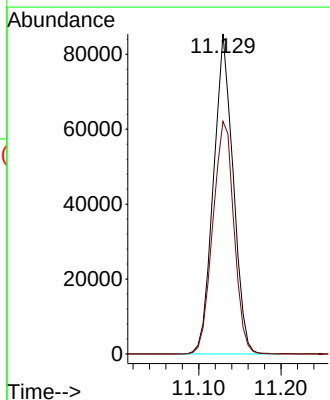
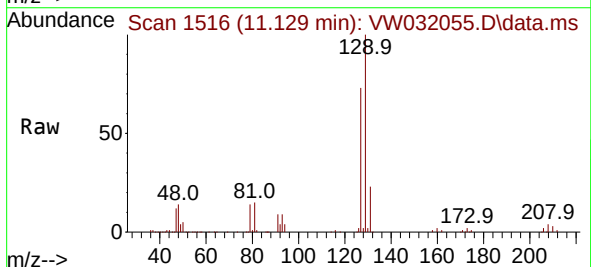
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

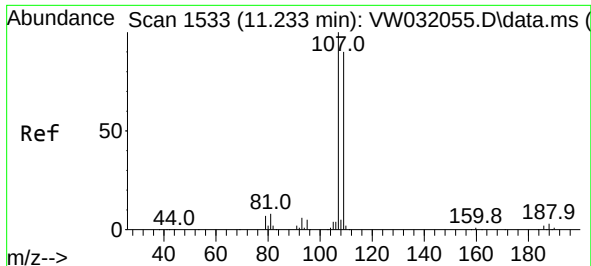
Tgt Ion: 43 Resp: 447423
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 52.161 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion:129 Resp: 142234
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9

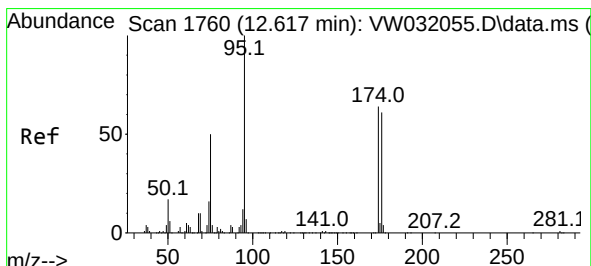
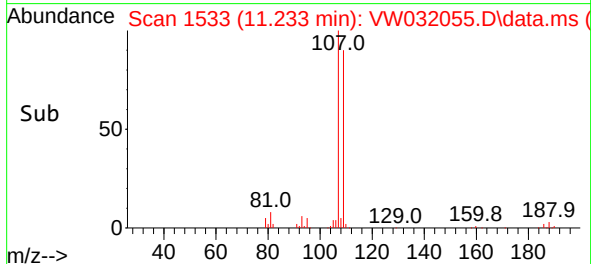
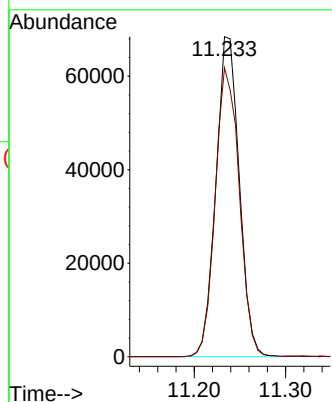
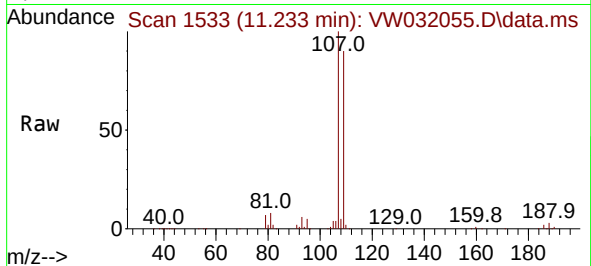




#61
1,2-Dibromoethane
Concen: 52.430 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

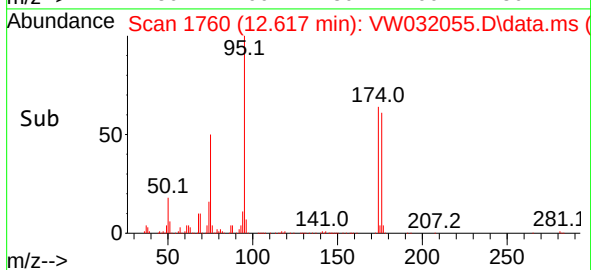
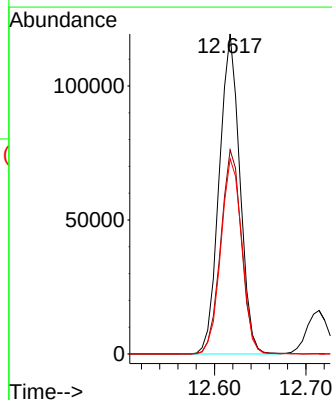
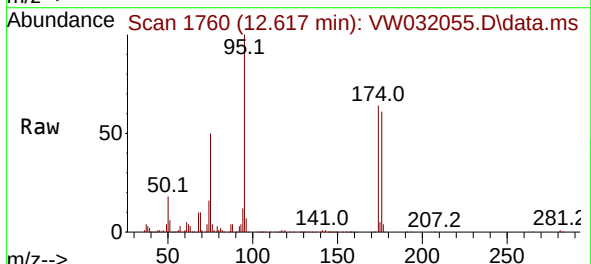
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

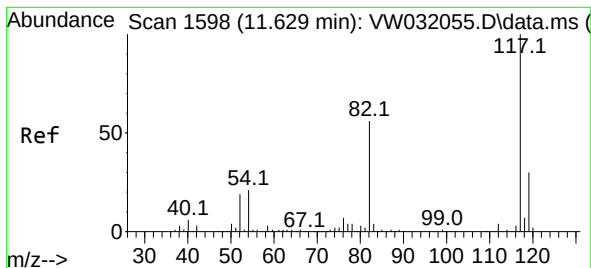
Tgt Ion:107 Resp: 121625
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.274 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 95 Resp: 187331
Ion Ratio Lower Upper
95 100
174 64.5 0.0 129.0
176 62.3 0.0 124.6

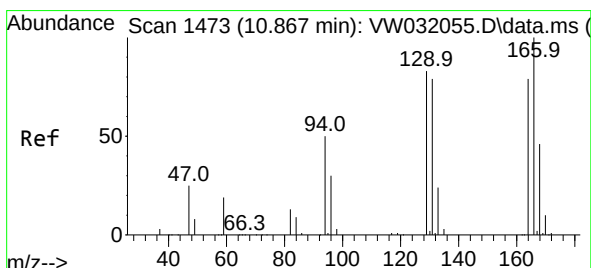
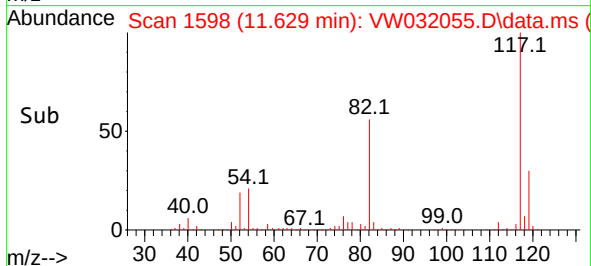
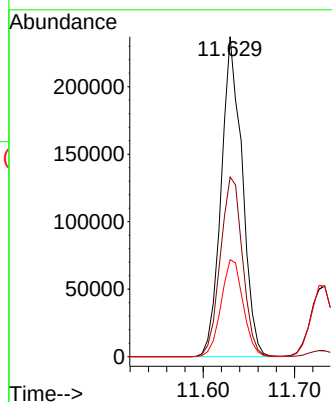
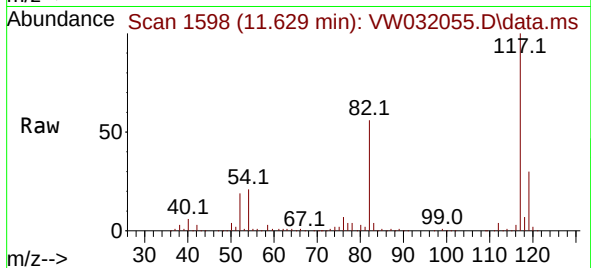




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

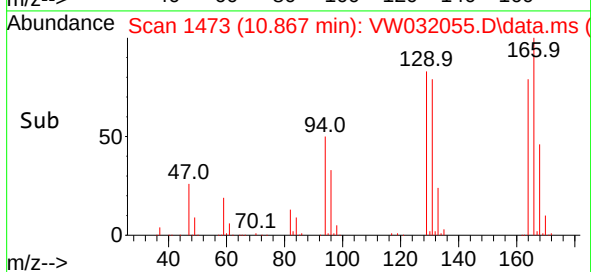
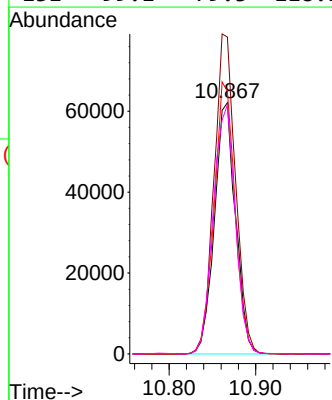
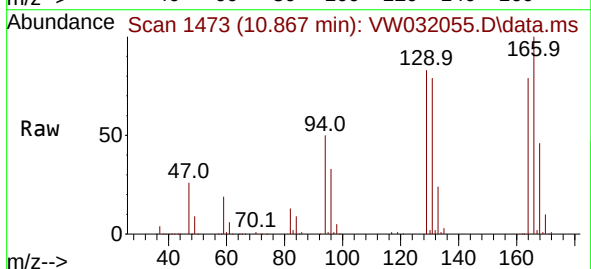
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

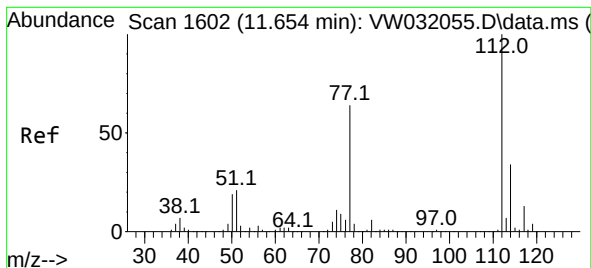
Tgt Ion:117 Resp: 378090
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 30.3 24.2 36.4



#64
Tetrachloroethene
Concen: 48.263 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion:164 Resp: 105400
Ion Ratio Lower Upper
164 100
166 126.1 100.9 151.3
129 104.5 83.6 125.4
131 99.1 79.3 118.9





#65

Chlorobenzene

Concen: 49.082 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

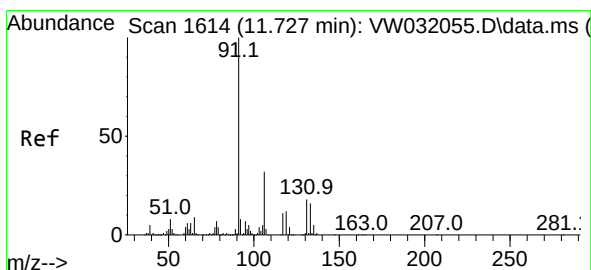
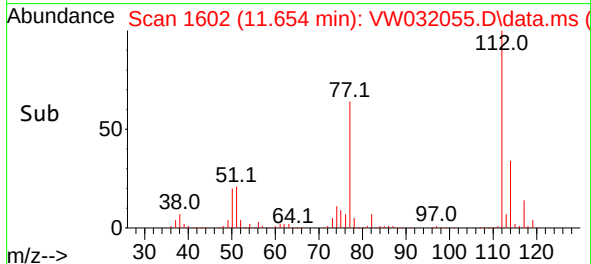
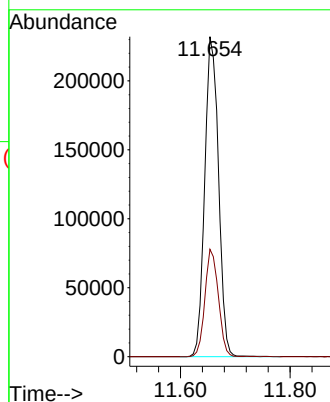
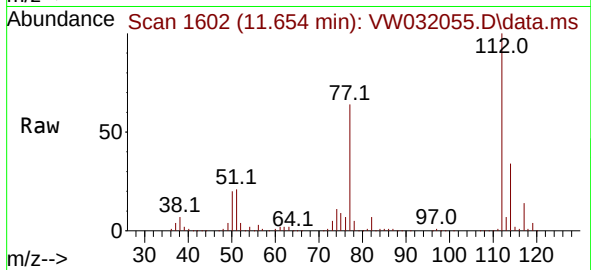
VSTDICCC050

Tgt Ion:112 Resp: 403926

Ion Ratio Lower Upper

112 100

114 33.6 26.9 40.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.935 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

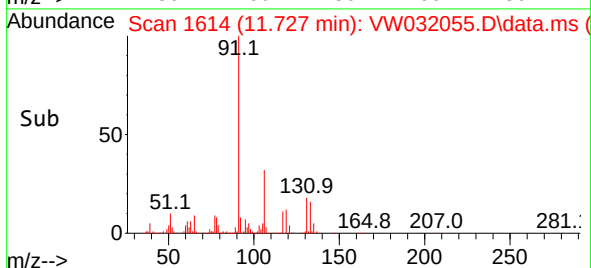
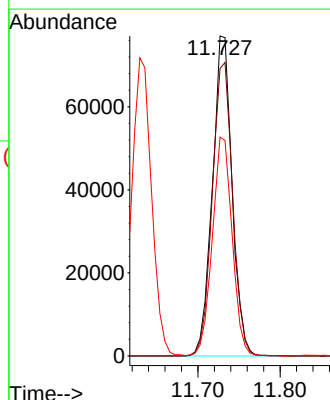
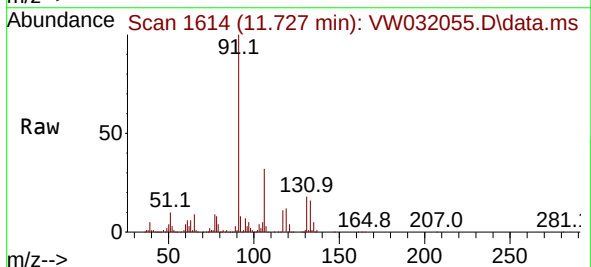
Tgt Ion:131 Resp: 128215

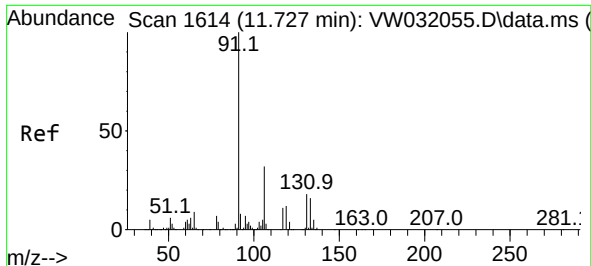
Ion Ratio Lower Upper

131 100

133 94.7 47.3 142.0

119 69.0 34.5 103.5





#67

Ethyl Benzene

Concen: 50.709 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

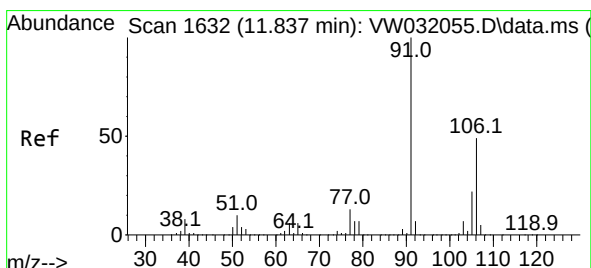
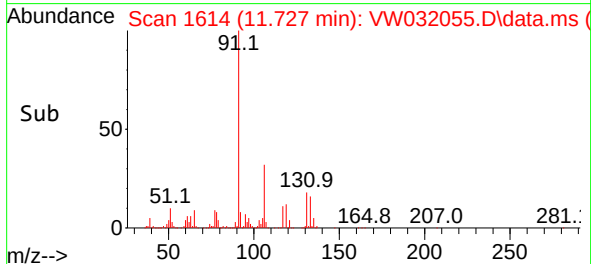
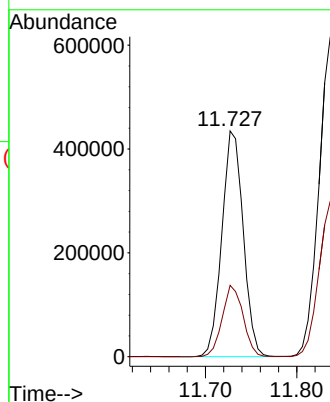
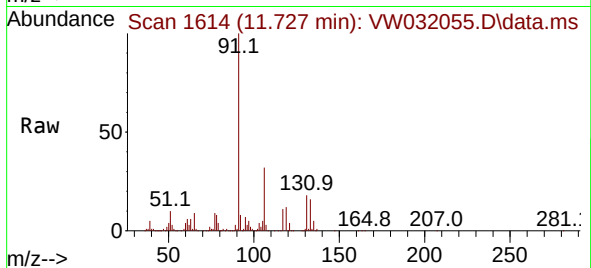
VSTDICCC050

Tgt Ion: 91 Resp: 706877

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 102.704 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032055.D

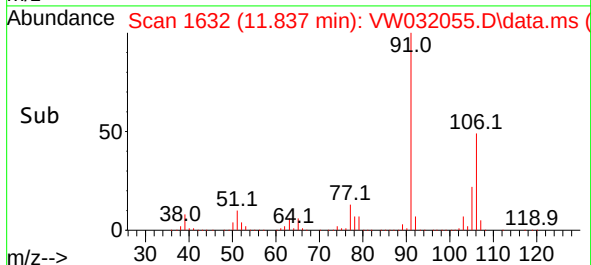
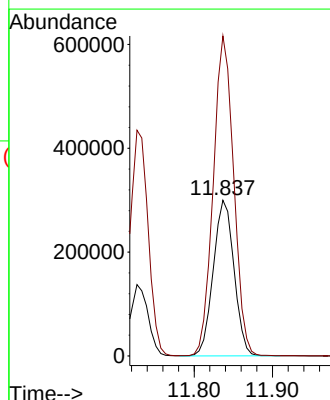
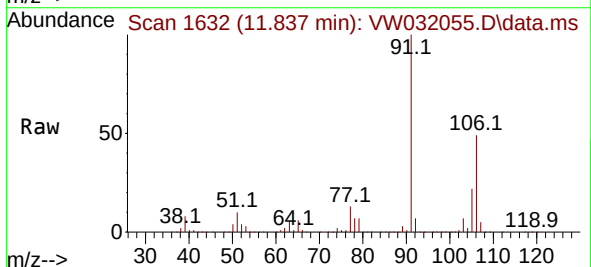
Acq: 11 Aug 2025 10:09

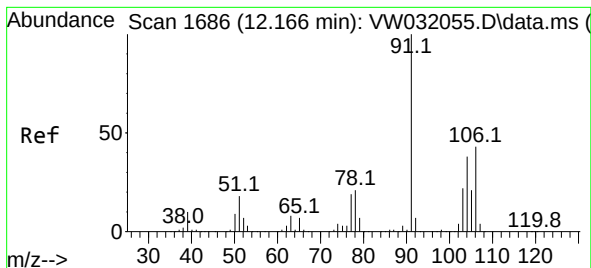
Tgt Ion: 106 Resp: 552442

Ion Ratio Lower Upper

106 100

91 202.7 162.2 243.2





#69

o-Xylene

Concen: 51.812 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

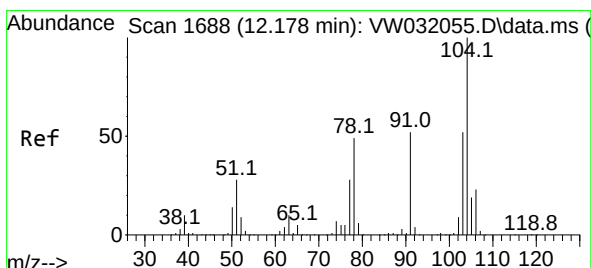
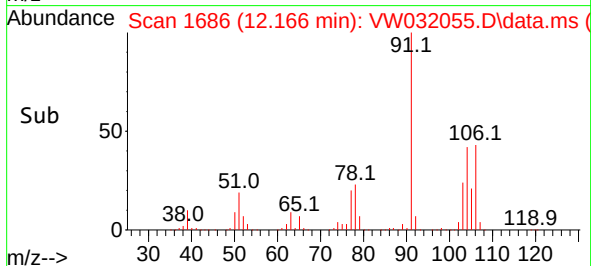
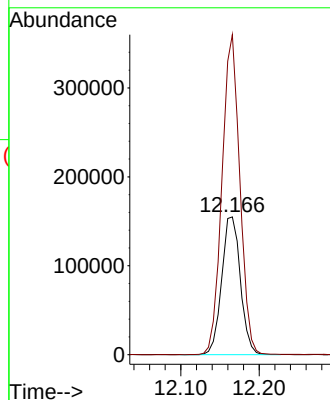
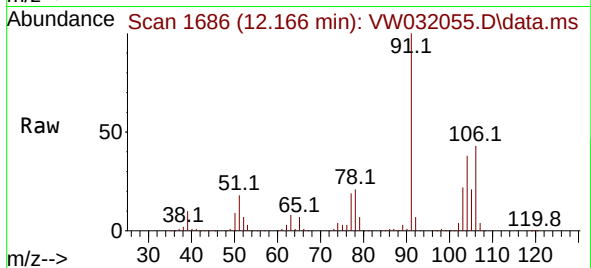
VSTDICCC050

Tgt Ion:106 Resp: 257591

Ion Ratio Lower Upper

106 100

91 221.5 110.8 332.3



#70

Styrene

Concen: 51.858 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

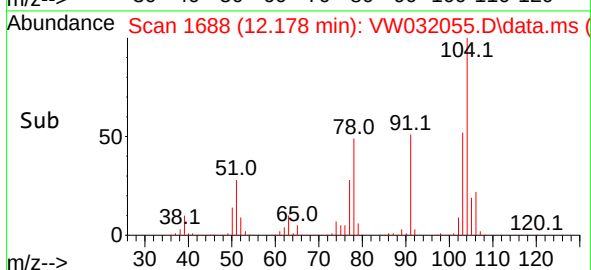
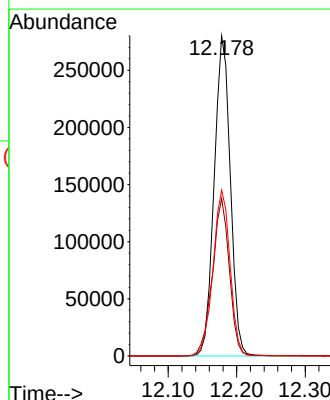
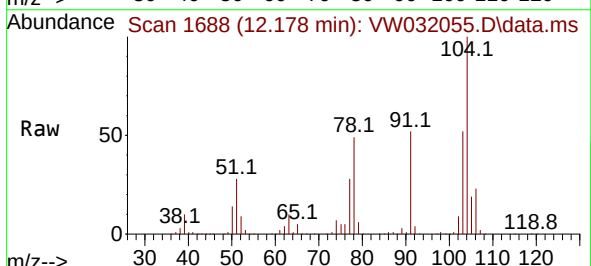
Tgt Ion:104 Resp: 457949

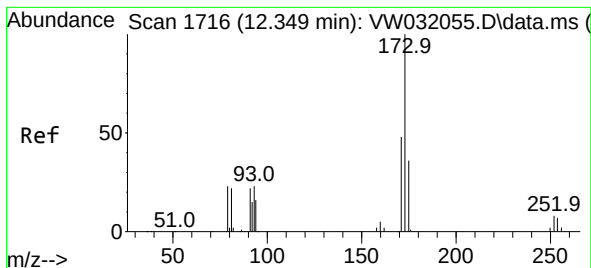
Ion Ratio Lower Upper

104 100

78 51.5 41.2 61.8

103 54.8 43.8 65.8





#71

Bromoform

Concen: 53.078 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

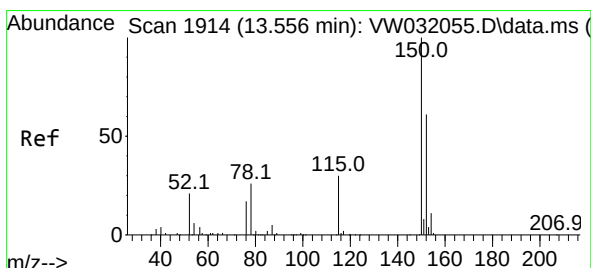
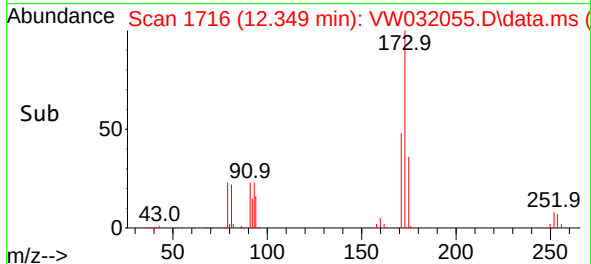
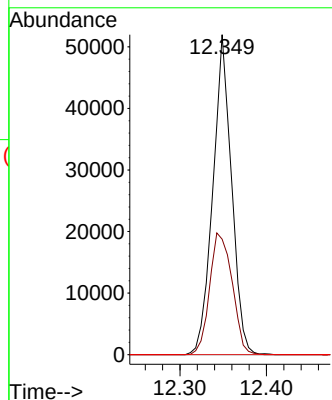
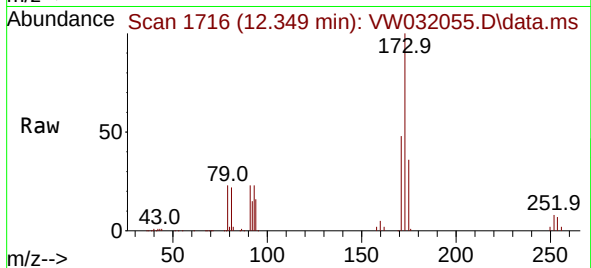
Tgt Ion:173 Resp: 77959

Ion Ratio Lower Upper

173 100

175 45.8 22.9 68.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

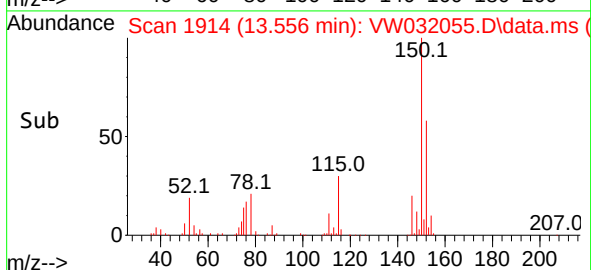
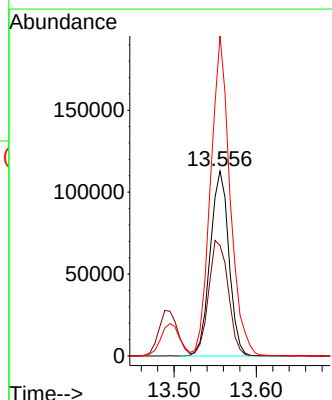
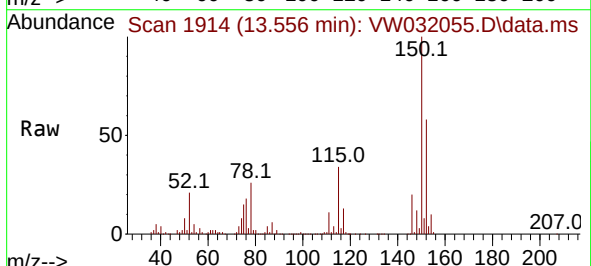
Tgt Ion:152 Resp: 178995

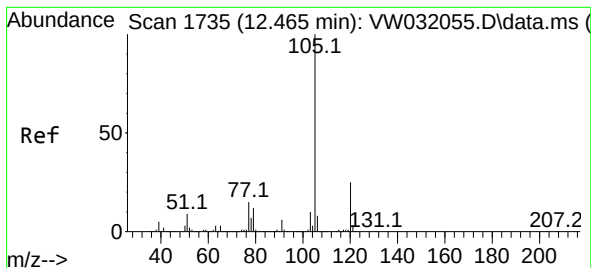
Ion Ratio Lower Upper

152 100

115 65.2 32.6 97.8

150 179.7 0.0 359.4

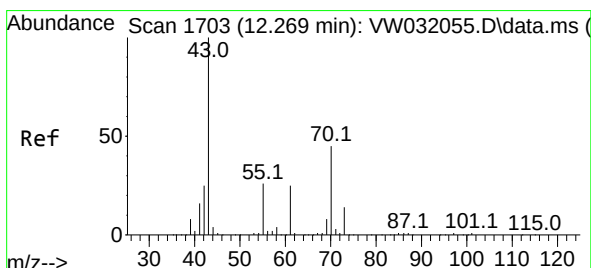
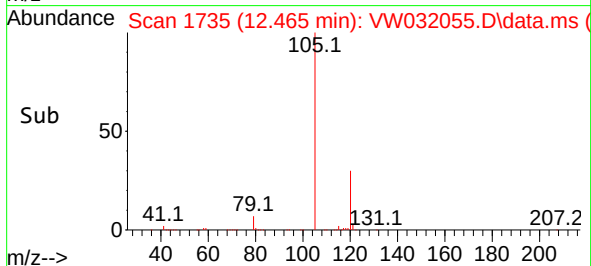
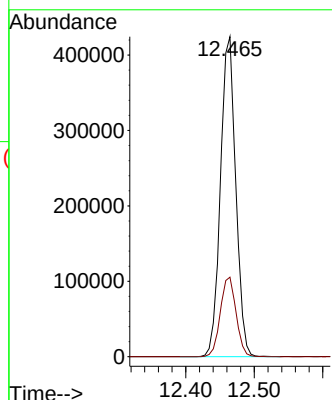
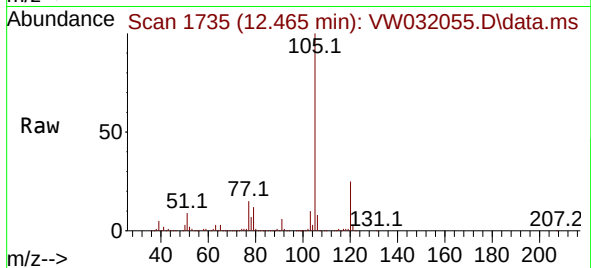




#73
Isopropylbenzene
Concen: 52.323 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

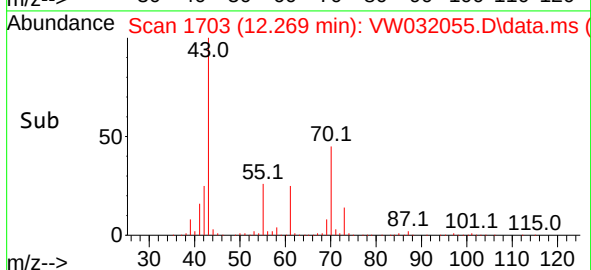
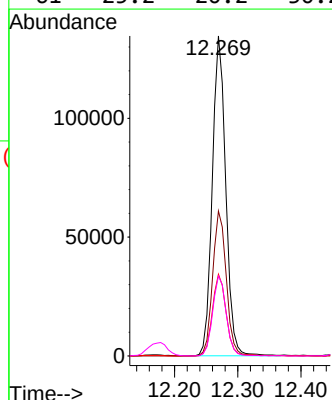
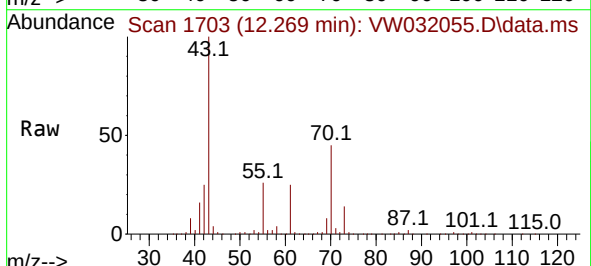
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

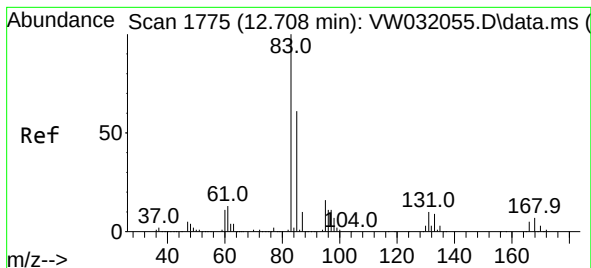
Tgt Ion:105 Resp: 654522
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4



#74
N-ethyl acetate
Concen: 55.520 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 43 Resp: 199256
Ion Ratio Lower Upper
43 100
70 46.2 37.0 55.4
55 26.4 21.1 31.7
61 25.2 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.549 ug/l

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

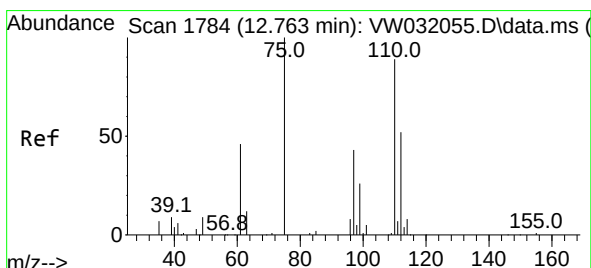
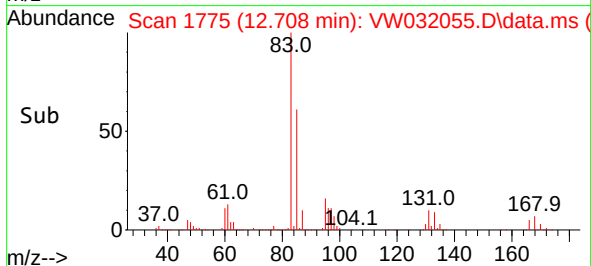
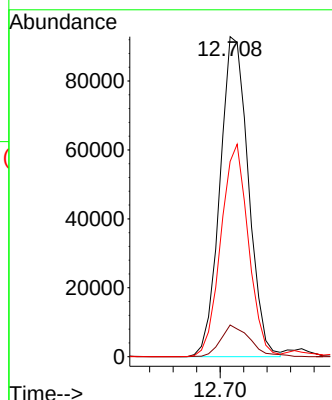
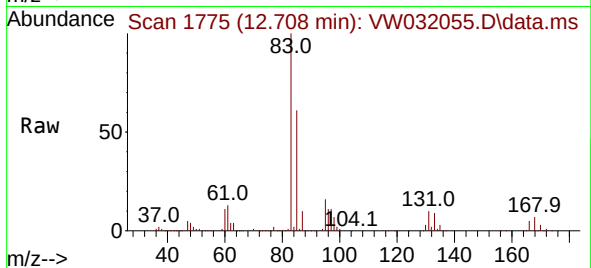
Tgt Ion: 83 Resp: 156076

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.4 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 72.113 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW032055.D

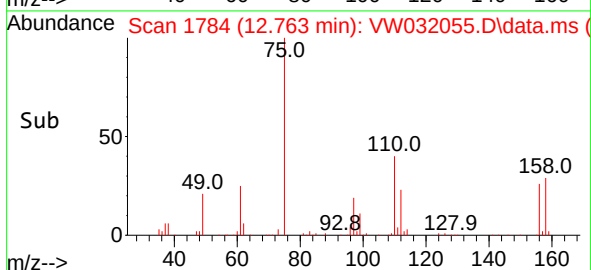
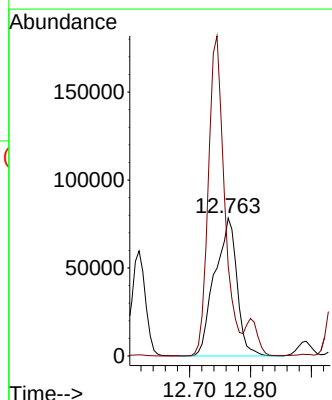
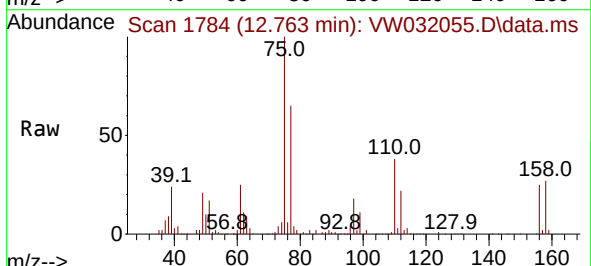
Acq: 11 Aug 2025 10:09

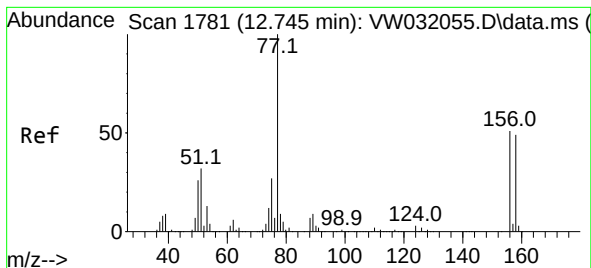
Tgt Ion: 75 Resp: 198427

Ion Ratio Lower Upper

75 100

77 171.4 123.5 370.5





#77

Bromobenzene

Concen: 52.326 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

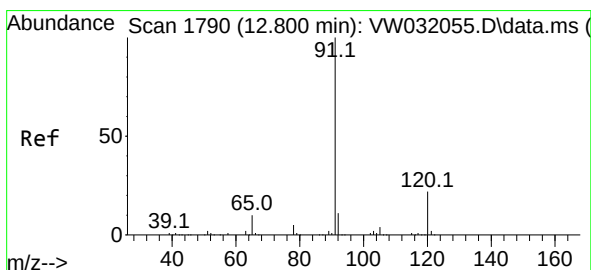
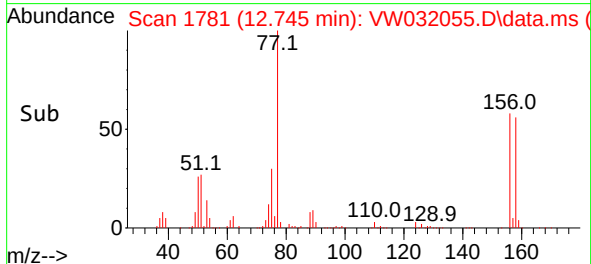
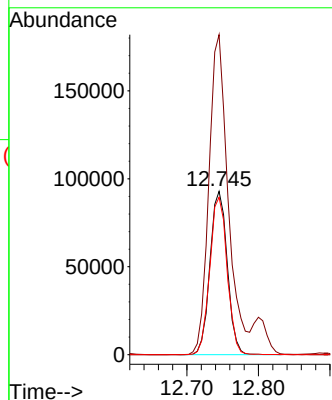
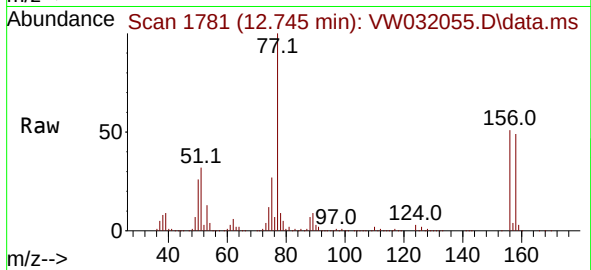
Tgt Ion:156 Resp: 156335

Ion Ratio Lower Upper

156 100

77 217.5 108.7 326.3

158 96.6 48.3 144.9



#78

n-propylbenzene

Concen: 52.304 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032055.D

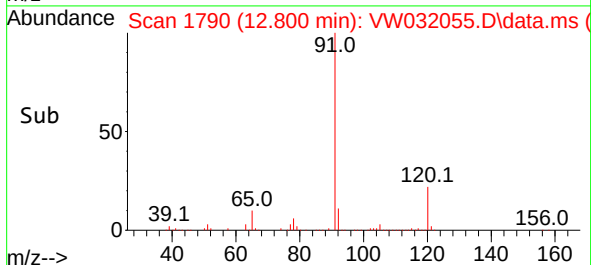
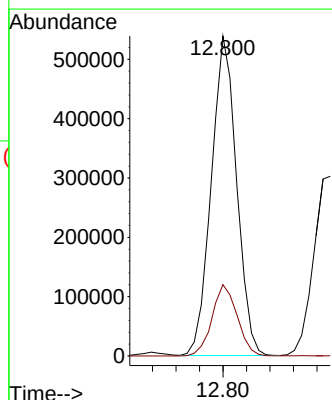
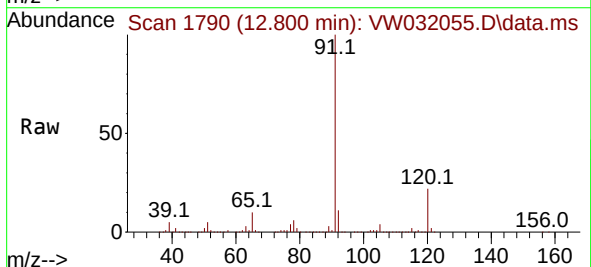
Acq: 11 Aug 2025 10:09

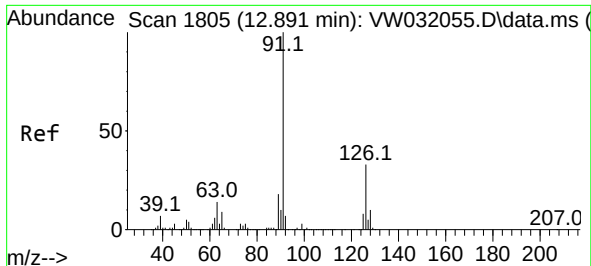
Tgt Ion: 91 Resp: 805515

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3

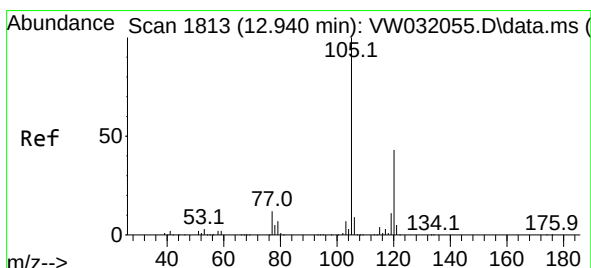
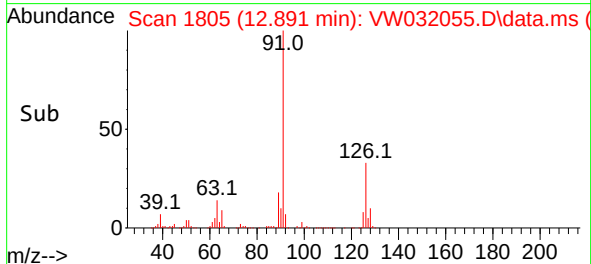
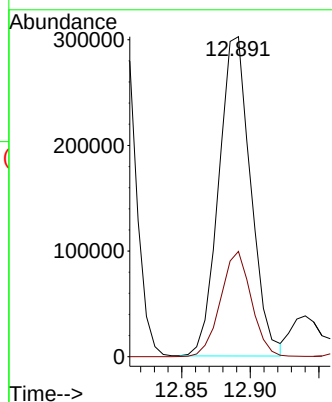
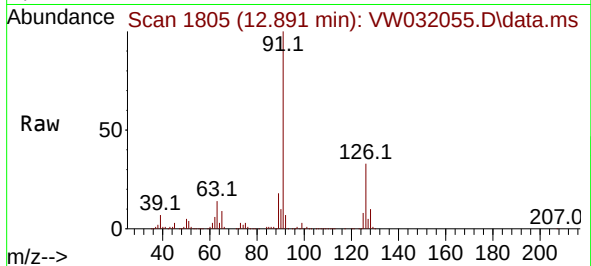




#79
2-Chlorotoluene
Concen: 51.622 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

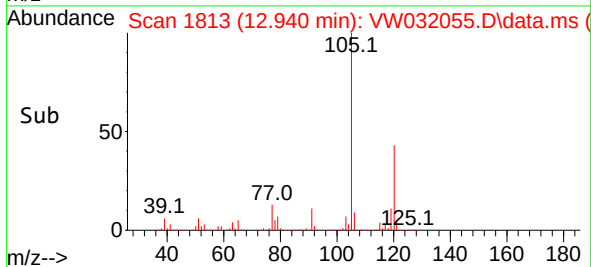
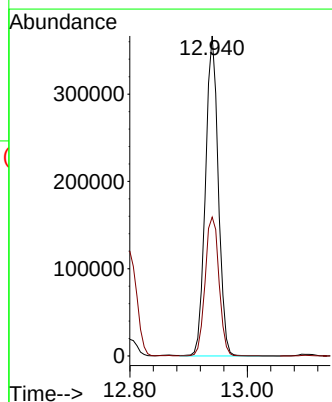
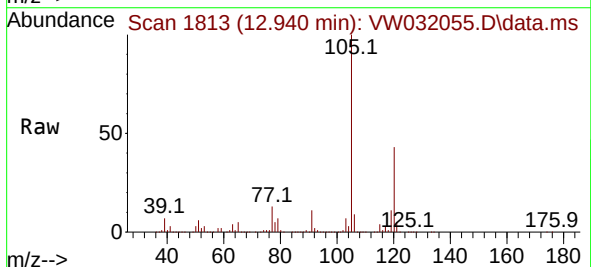
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

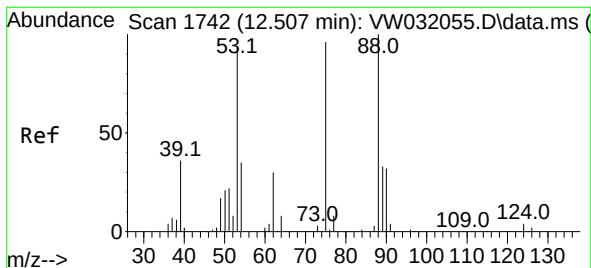
Tgt Ion: 91 Resp: 490665
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 52.305 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 105 Resp: 555481
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.0

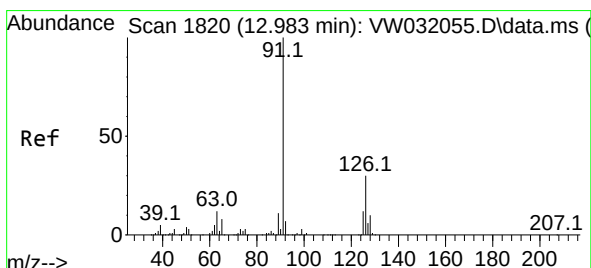
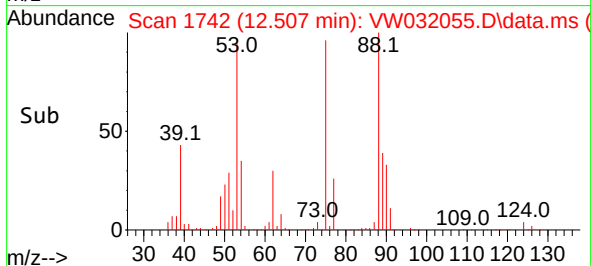
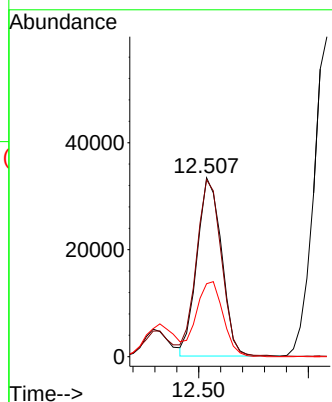
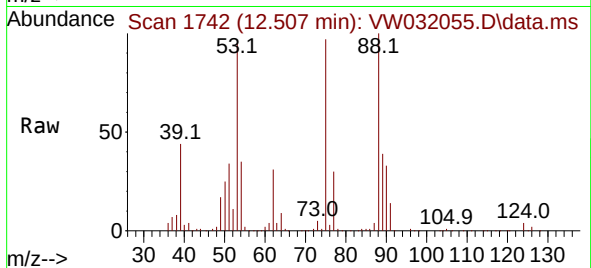




#81
trans-1,4-Dichloro-2-butene
Concen: 55.213 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

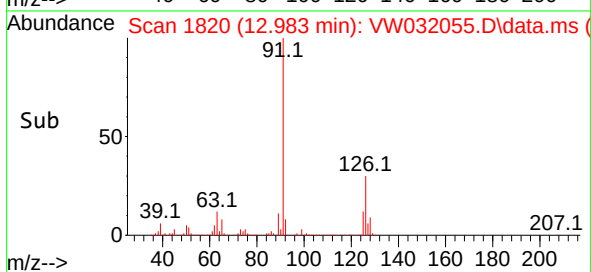
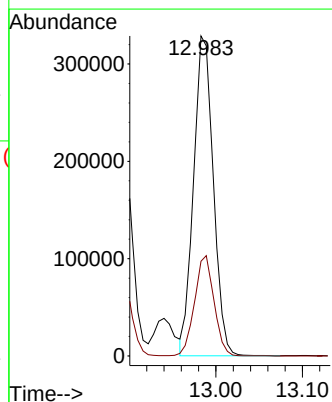
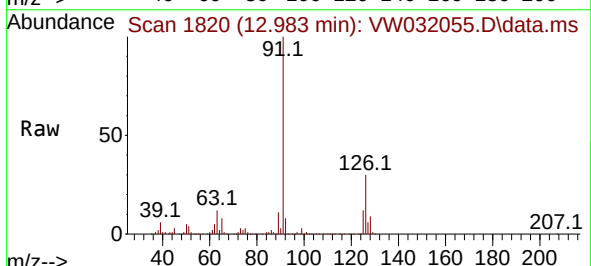
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

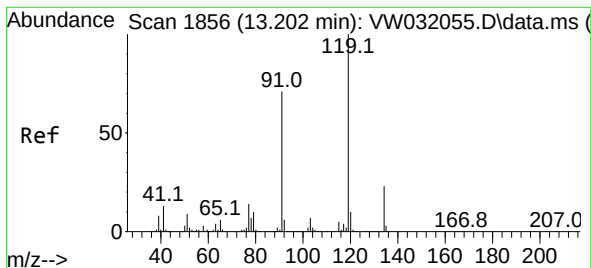
Tgt Ion: 75 Resp: 51811
Ion Ratio Lower Upper
75 100
53 101.3 81.0 121.6
89 46.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.488 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion: 91 Resp: 519957
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5





#83

tert-Butylbenzene

Concen: 52.460 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

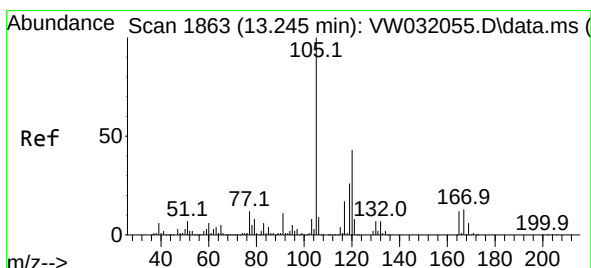
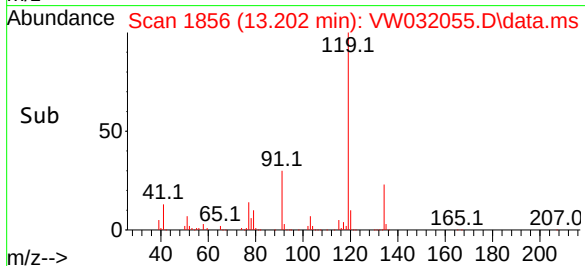
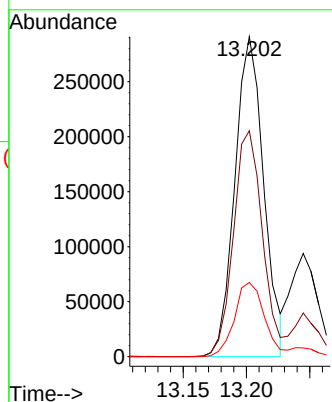
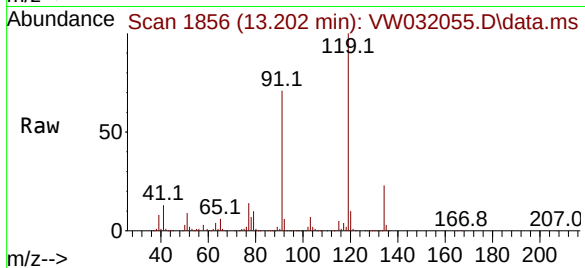
Tgt Ion:119 Resp: 462373

Ion Ratio Lower Upper

119 100

91 70.6 35.3 105.9

134 24.2 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 52.950 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032055.D

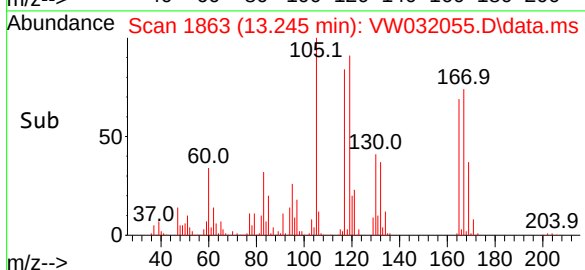
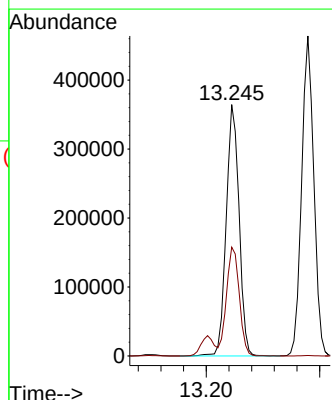
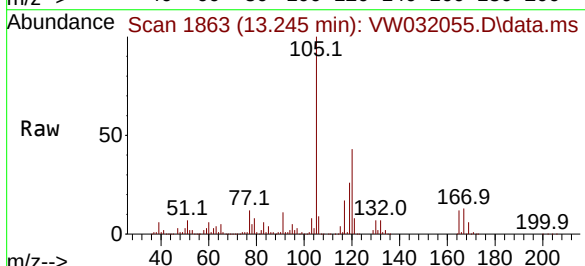
Acq: 11 Aug 2025 10:09

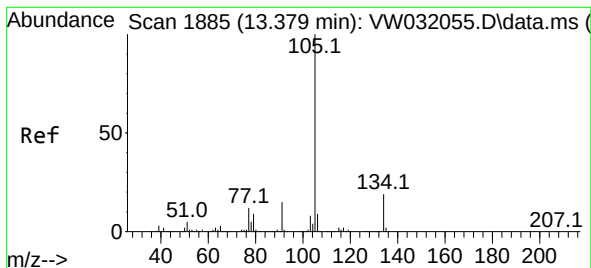
Tgt Ion:105 Resp: 572429

Ion Ratio Lower Upper

105 100

120 43.2 21.6 64.8





#85

sec-Butylbenzene

Concen: 51.829 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

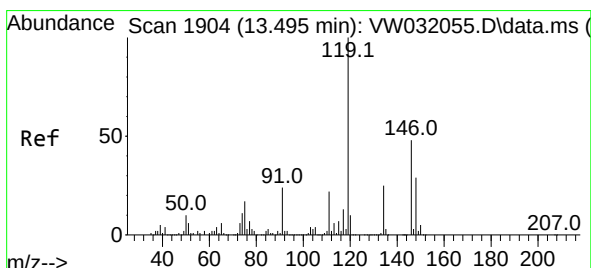
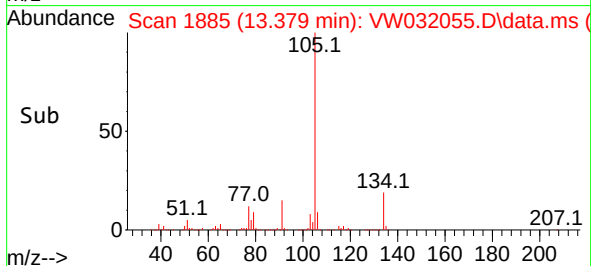
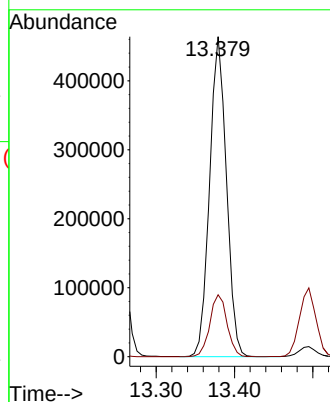
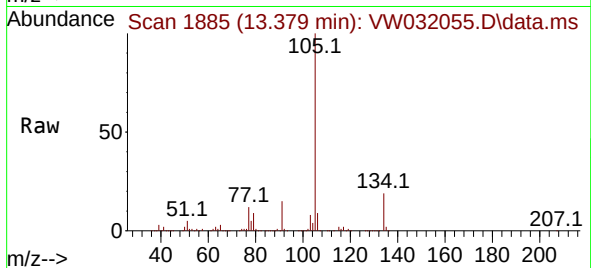
VSTDICCC050

Tgt Ion:105 Resp: 690647

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.089 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

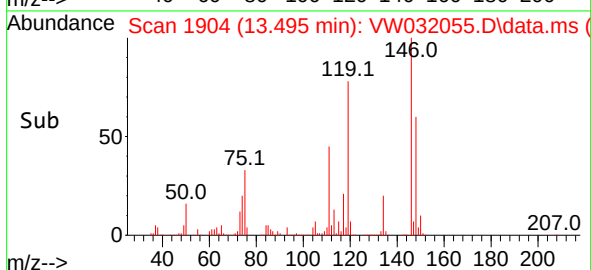
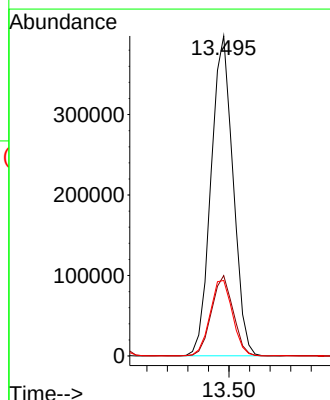
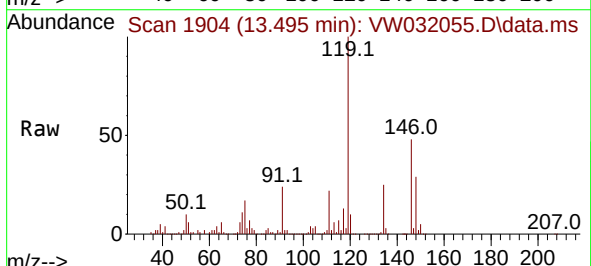
Tgt Ion:119 Resp: 589769

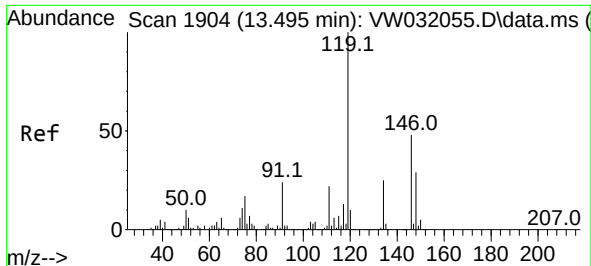
Ion Ratio Lower Upper

119 100

134 24.7 12.4 37.0

91 24.2 12.1 36.3

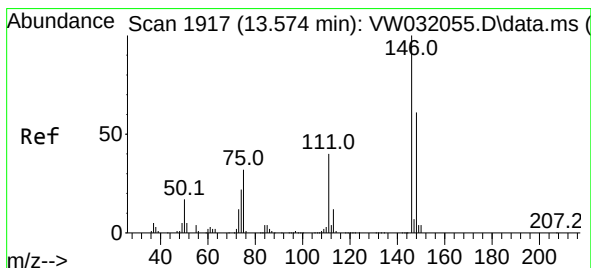
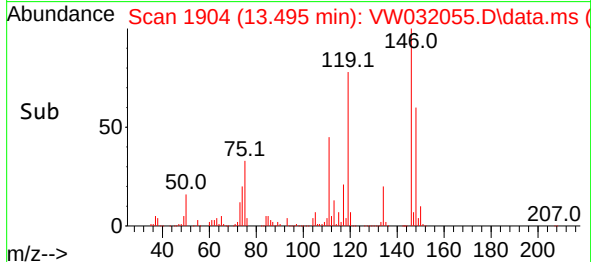
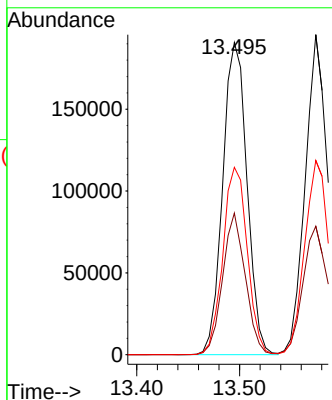
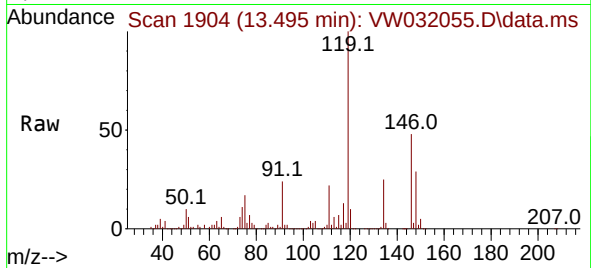




#87
 1,3-Dichlorobenzene
 Concen: 52.754 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032055.D
 Acq: 11 Aug 2025 10:09

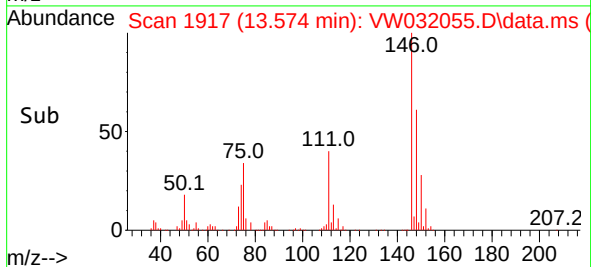
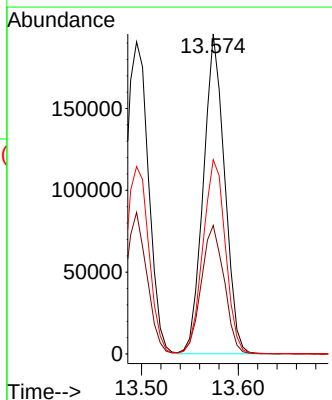
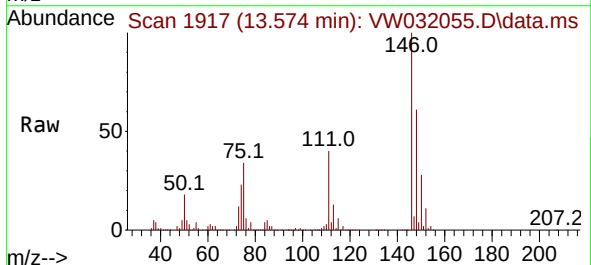
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

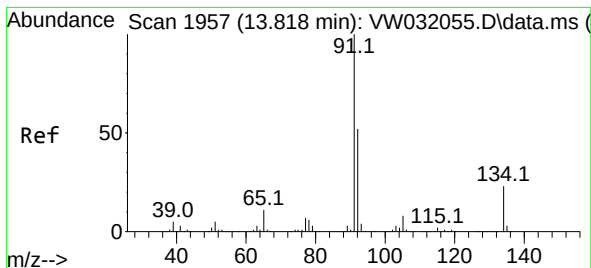
Tgt Ion:146 Resp: 313624
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 60.5 30.3 90.8



#88
 1,4-Dichlorobenzene
 Concen: 49.844 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW032055.D
 Acq: 11 Aug 2025 10:09

Tgt Ion:146 Resp: 299453
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 52.756 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

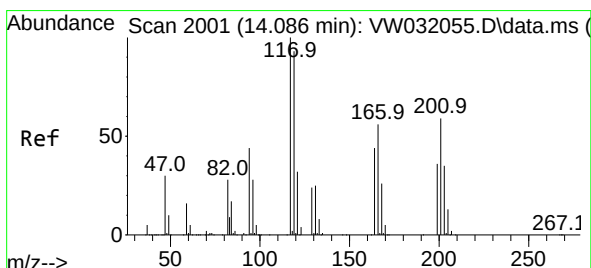
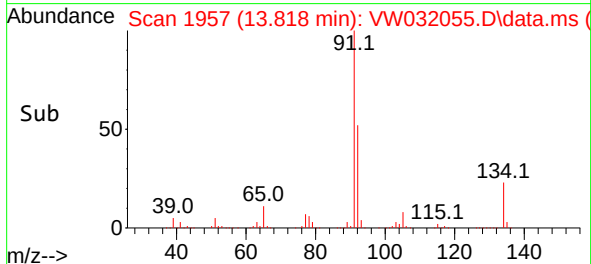
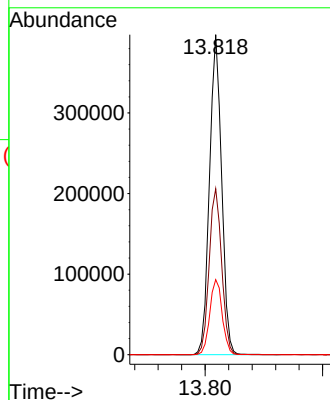
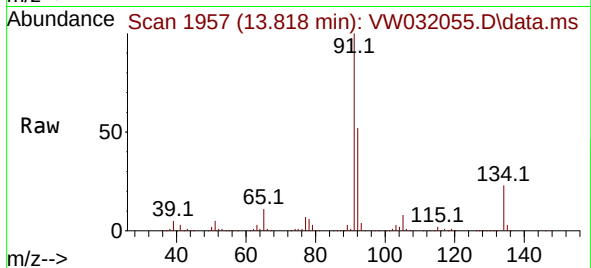
Tgt Ion: 91 Resp: 569364

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 24.1 12.0 36.1



#90

Hexachloroethane

Concen: 49.942 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032055.D

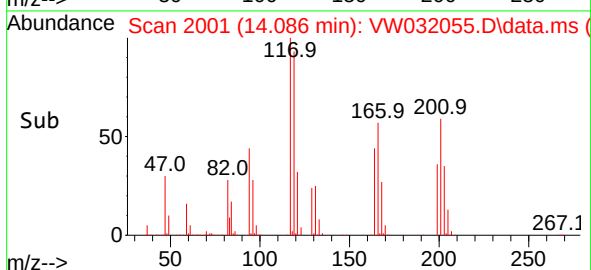
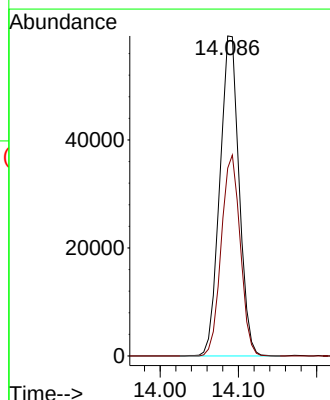
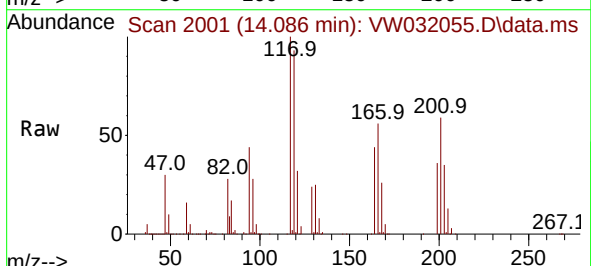
Acq: 11 Aug 2025 10:09

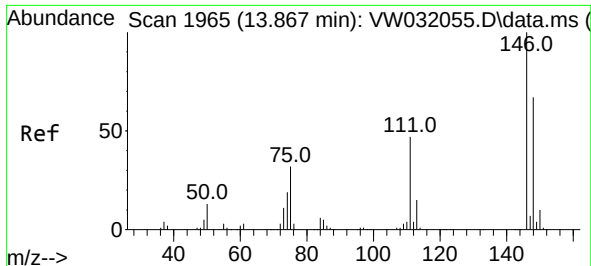
Tgt Ion: 117 Resp: 101464

Ion Ratio Lower Upper

117 100

201 61.7 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 50.801 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

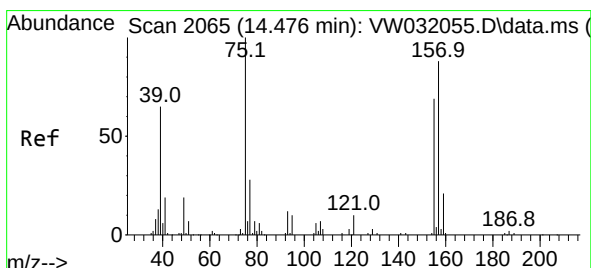
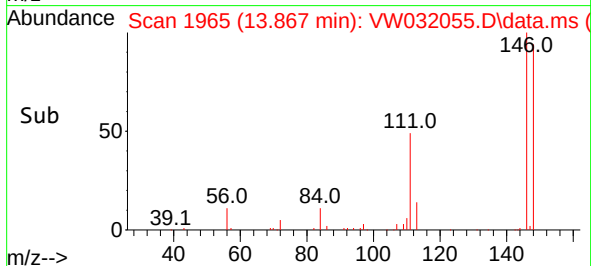
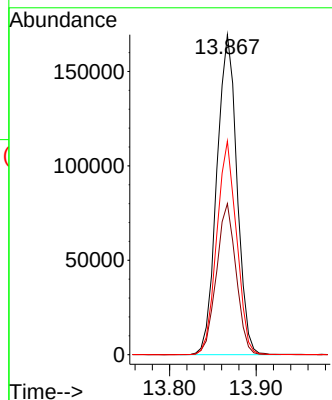
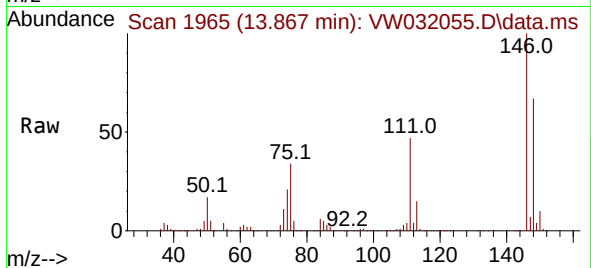
Tgt Ion:146 Resp: 273581

Ion Ratio Lower Upper

146 100

111 46.2 23.1 69.3

148 65.7 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.857 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

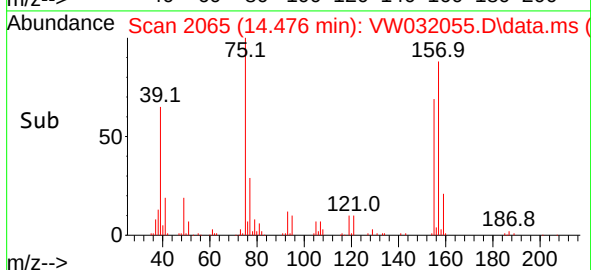
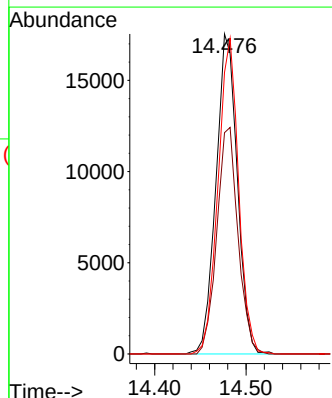
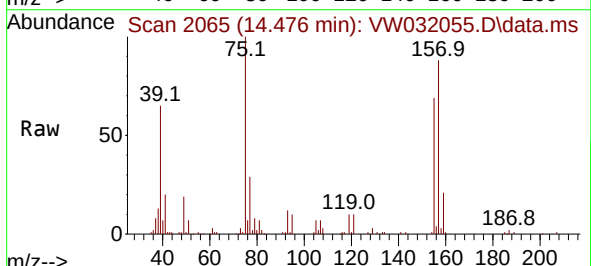
Tgt Ion: 75 Resp: 28437

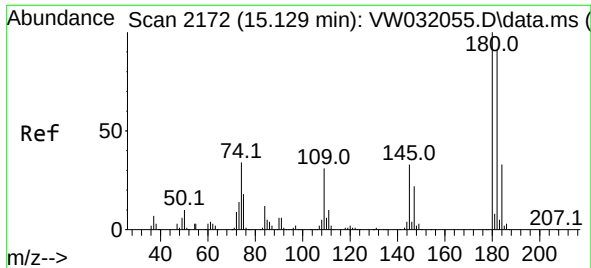
Ion Ratio Lower Upper

75 100

155 70.4 35.2 105.6

157 95.1 47.5 142.6

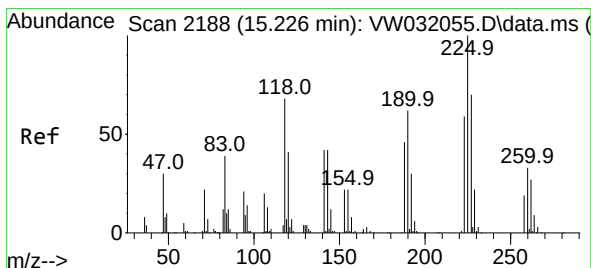
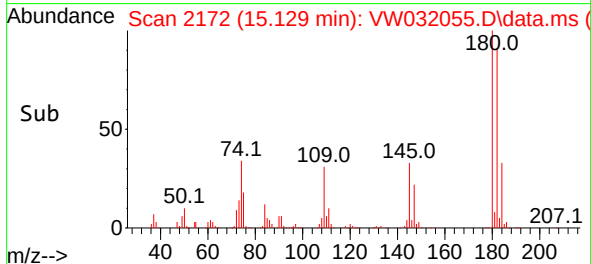
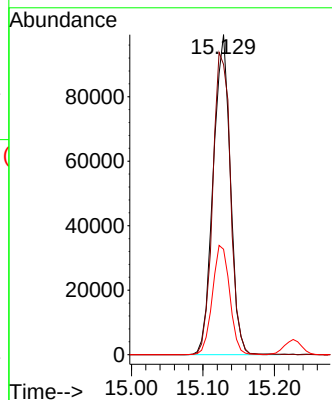
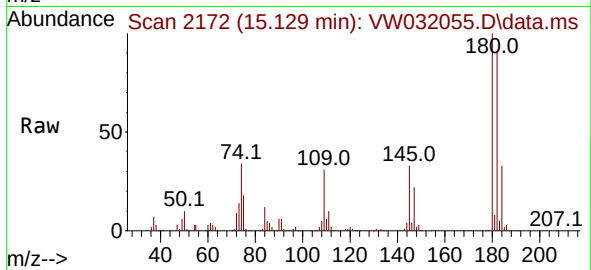




#93
1,2,4-Trichlorobenzene
Concen: 51.132 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

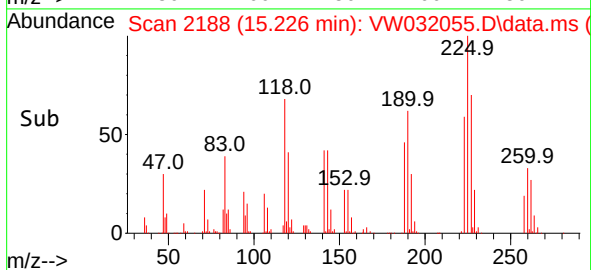
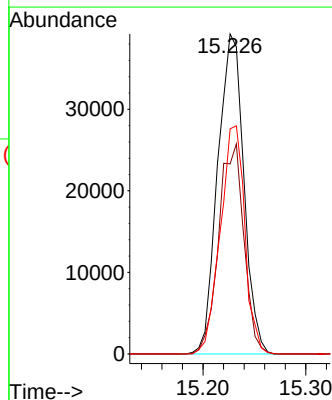
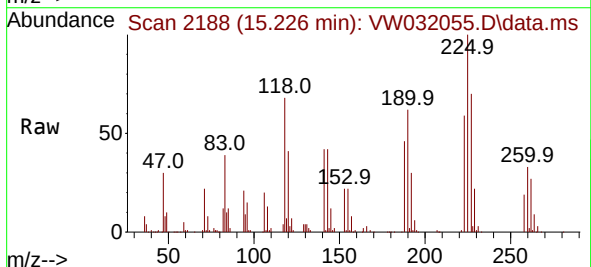
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

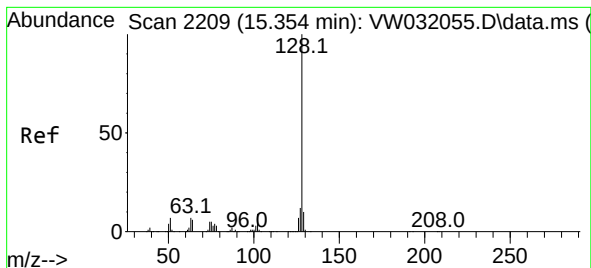
Tgt Ion:180 Resp: 164726
Ion Ratio Lower Upper
180 100
182 98.0 49.0 147.0
145 34.6 17.3 51.9



#94
Hexachlorobutadiene
Concen: 47.902 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032055.D
Acq: 11 Aug 2025 10:09

Tgt Ion:225 Resp: 68983
Ion Ratio Lower Upper
225 100
223 63.5 31.8 95.3
227 67.0 33.5 100.5





#95

Naphthalene

Concen: 55.099 ug/l

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

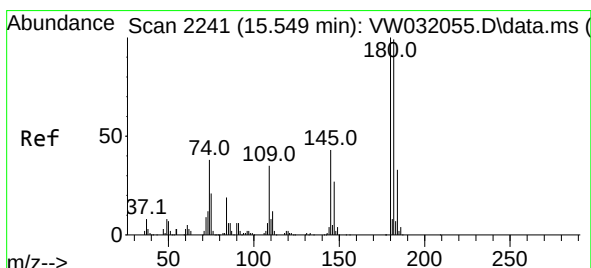
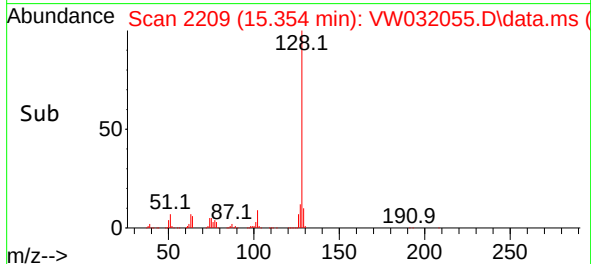
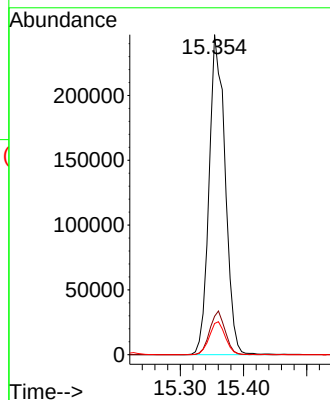
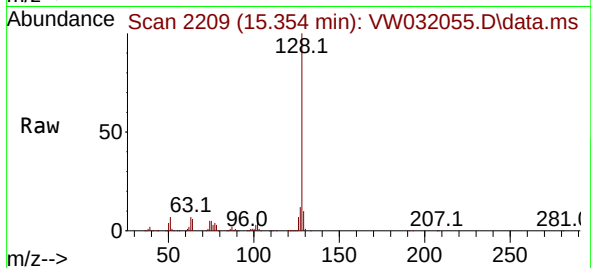
Tgt Ion:128 Resp: 434944

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.3 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 51.022 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032055.D

Acq: 11 Aug 2025 10:09

Tgt Ion:180 Resp: 149556

Ion Ratio Lower Upper

180 100

182 92.0 46.0 138.0

145 38.4 19.2 57.6

