

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031732.D
 Acq On : 30 Jun 2025 11:21
 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: Jul 01 02:20:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	224452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	404902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	363615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	174347	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	160456	49.813	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.620%
35) Dibromofluoromethane	7.904	113	131109	49.622	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.240%
50) Toluene-d8	10.324	98	489286	49.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.617	95	180870	49.986	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.039	85	69611	45.539	ug/l	100
3) Chloromethane	2.253	50	84254	45.719	ug/l	100
4) Vinyl Chloride	2.405	62	115341	47.617	ug/l	100
5) Bromomethane	2.826	94	88903	46.990	ug/l	100
6) Chloroethane	2.972	64	77830	47.303	ug/l	100
7) Trichlorofluoromethane	3.307	101	105244	47.842	ug/l	100
8) Diethyl Ether	3.722	74	79864	47.778	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	114080	46.722	ug/l	100
10) Methyl Iodide	4.313	142	183075	48.636	ug/l	100
11) Tert butyl alcohol	5.216	59	52409	262.624	ug/l	100
12) 1,1-Dichloroethene	4.075	96	124737	46.640	ug/l	100
13) Acrolein	3.929	56	93443	260.524	ug/l	100
14) Allyl chloride	4.703	41	201014	48.986	ug/l	100
15) Acrylonitrile	5.398	53	214572	261.033	ug/l	100
16) Acetone	4.155	43	182890	228.296	ug/l	100
17) Carbon Disulfide	4.423	76	344867	48.188	ug/l	100
18) Methyl Acetate	4.710	43	118590	52.118	ug/l	100
19) Methyl tert-butyl Ether	5.459	73	231884	51.082	ug/l	100
20) Methylene Chloride	4.953	84	155350	48.806	ug/l	100
21) trans-1,2-Dichloroethene	5.459	96	137493	48.382	ug/l	100
22) Diisopropyl ether	6.343	45	402830	50.335	ug/l	100
23) Vinyl Acetate	6.282	43	1409763	257.896	ug/l	100
24) 1,1-Dichloroethane	6.246	63	250386	48.257	ug/l	100
25) 2-Butanone	7.191	43	279081	269.438	ug/l	100
26) 2,2-Dichloropropane	7.191	77	147400	48.691	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	160684	49.190	ug/l	100
28) Bromochloromethane	7.532	49	113190	49.435	ug/l	100
29) Tetrahydrofuran	7.550	42	188178	265.287	ug/l	100
30) Chloroform	7.691	83	270281	49.023	ug/l	100
31) Cyclohexane	7.971	56	210337	45.861	ug/l	100
32) 1,1,1-Trichloroethane	7.892	97	207721	48.890	ug/l	100
36) 1,1-Dichloropropene	8.093	75	184651	48.296	ug/l	100
37) Ethyl Acetate	7.276	43	122534	50.805	ug/l	100
38) Carbon Tetrachloride	8.081	117	186814	47.949	ug/l	100
39) Methylcyclohexane	9.343	83	229164	48.175	ug/l	100
40) Benzene	8.337	78	556688	49.213	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	70587	54.633	ug/l	100
42) 1,2-Dichloroethane	8.410	62	187709	49.111	ug/l	100
43) Isopropyl Acetate	8.434	43	216777	52.141	ug/l	100
44) Trichloroethene	9.099	130	139117	49.275	ug/l	100
45) 1,2-Dichloropropane	9.373	63	134070	49.040	ug/l	100
46) Dibromomethane	9.471	93	88721	50.266	ug/l	100
47) Bromodichloromethane	9.648	83	207001	50.013	ug/l	100
48) Methyl methacrylate	9.440	41	105740	51.725	ug/l	100
49) 1,4-Dioxane	9.465	88	20673	1100.195	ug/l #	100
51) 4-Methyl-2-Pentanone	10.215	43	633101	264.876	ug/l	100
52) Toluene	10.391	92	354627	48.965	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	201014	51.763	ug/l	100
54) cis-1,3-Dichloropropene	10.074	75	222288	50.493	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	115580	49.991	ug/l	100
56) Ethyl methacrylate	10.647	69	166152	52.971	ug/l	100
57) 1,3-Dichloropropane	10.934	76	198954	49.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	454721	263.272	ug/l	100
59) 2-Hexanone	10.971	43	444148	274.219	ug/l	100
60) Dibromochloromethane	11.129	129	142721	51.621	ug/l	100
61) 1,2-Dibromoethane	11.239	107	117287	50.674	ug/l	100
64) Tetrachloroethene	10.867	164	113995	47.928	ug/l	100
65) Chlorobenzene	11.659	112	386218	48.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	127147	49.734	ug/l	100
67) Ethyl Benzene	11.733	91	685367	49.266	ug/l	100
68) m/p-Xylenes	11.836	106	528971	98.914	ug/l	100
69) o-Xylene	12.165	106	247840	50.054	ug/l	100
70) Styrene	12.178	104	439641	51.360	ug/l	100
71) Bromoform	12.348	173	79452	52.095	ug/l	100
73) Isopropylbenzene	12.464	105	650607	49.059	ug/l	100
74) N-amyl acetate	12.269	43	185960	52.024	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	147025	49.936	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	196851	87.371	ug/l	37
77) Bromobenzene	12.745	156	136242	46.062	ug/l	100
78) n-propylbenzene	12.800	91	778125	48.998	ug/l	100
79) 2-Chlorotoluene	12.891	91	468001	48.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	549993	50.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	50770	52.485	ug/l	100
82) 4-Chlorotoluene	12.989	91	492034	49.008	ug/l	100
83) tert-Butylbenzene	13.202	119	455621	48.454	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	544366	48.943	ug/l	100
85) sec-Butylbenzene	13.379	105	695122	49.251	ug/l	100
86) p-Isopropyltoluene	13.495	119	570989	49.088	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	286670	48.328	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	296666	48.863	ug/l	100
89) n-Butylbenzene	13.818	91	553799	49.002	ug/l	100
90) Hexachloroethane	14.086	117	103194	49.175	ug/l	100
91) 1,2-Dichlorobenzene	13.866	146	274605	50.650	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.482	75	29018	50.476	ug/l	100
93) 1,2,4-Trichlorobenzene	15.128	180	162674	48.652	ug/l	100
94) Hexachlorobutadiene	15.226	225	72238	44.742	ug/l	100
95) Naphthalene	15.354	128	417556	50.938	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	150212	48.893	ug/l	100

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Response via : Initial Calibration

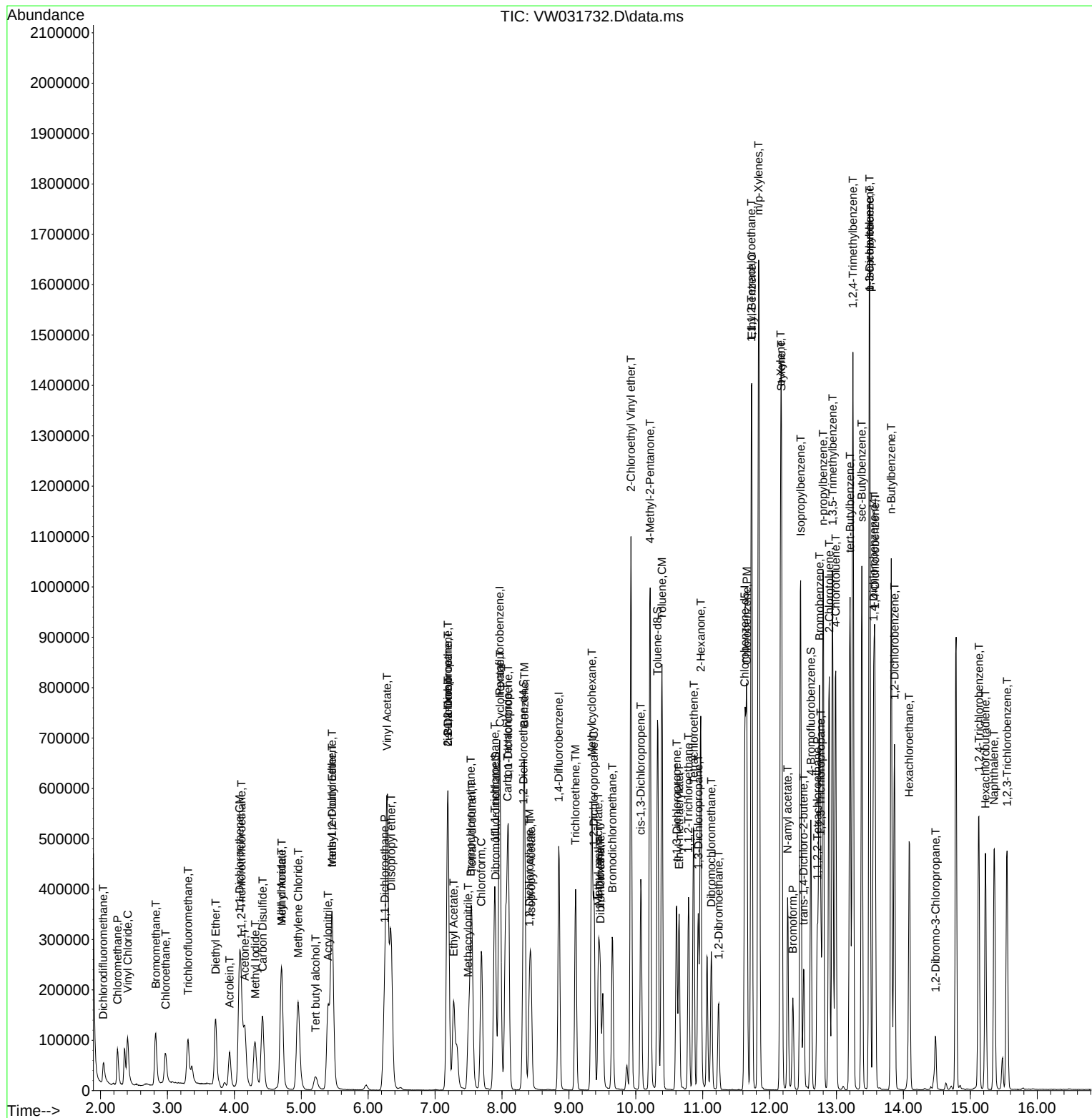
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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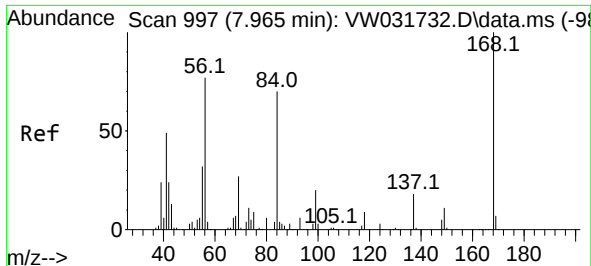
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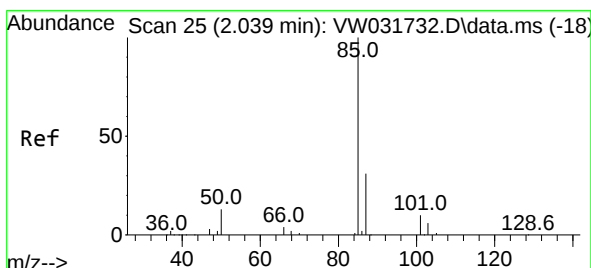
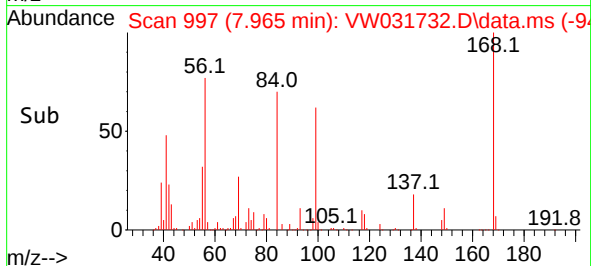
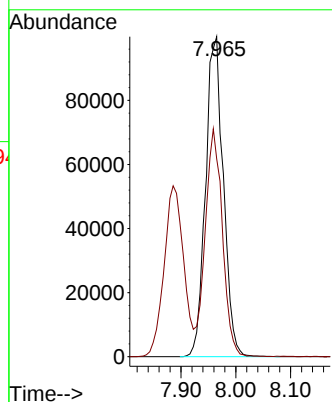
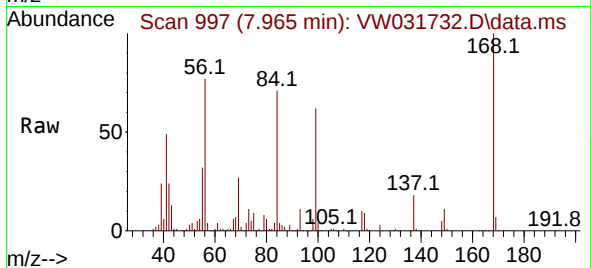




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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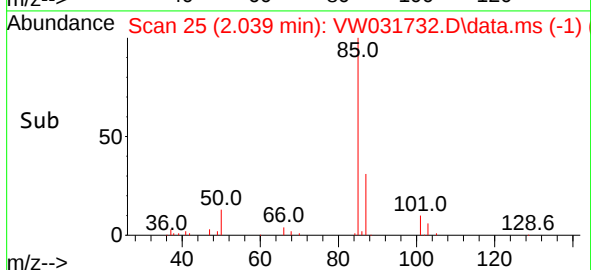
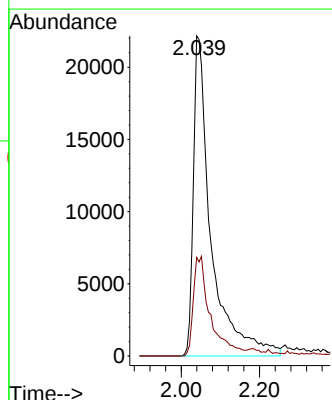
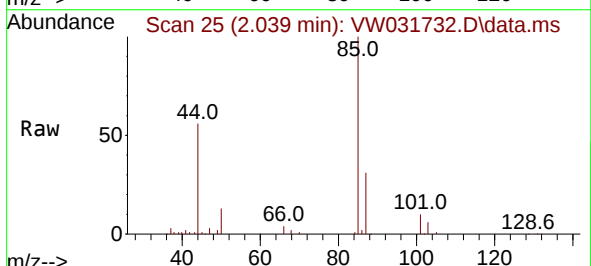
Instrument :
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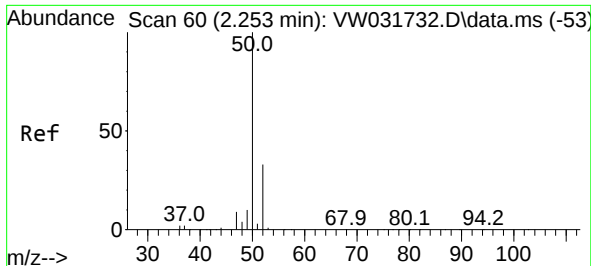
Tgt Ion:168 Resp: 224452
Ion Ratio Lower Upper
168 100
99 61.8 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 45.539 ug/l
RT: 2.039 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 85 Resp: 69611
Ion Ratio Lower Upper
85 100
87 30.8 15.4 46.2

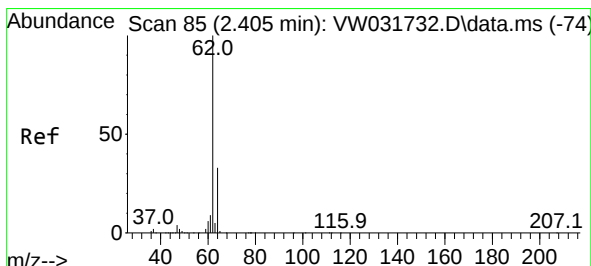
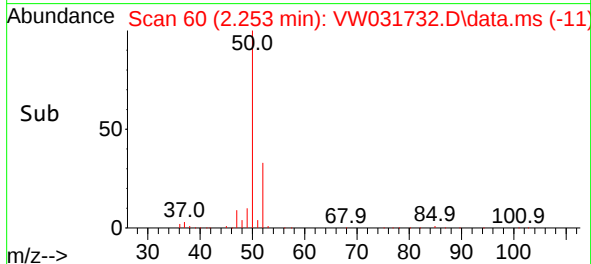
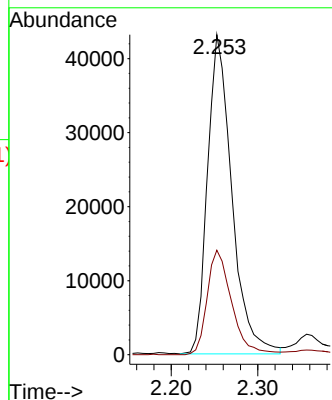
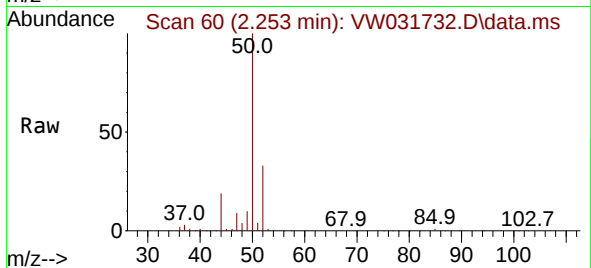




#3
Chloromethane
Concen: 45.719 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

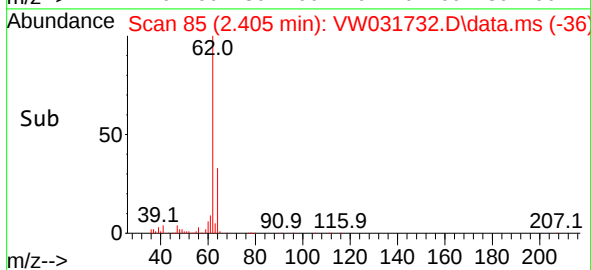
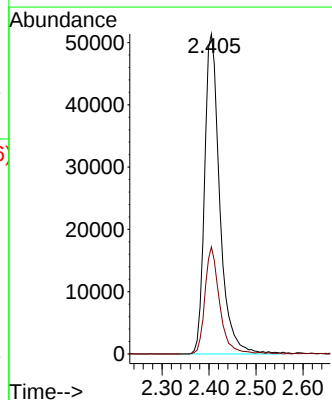
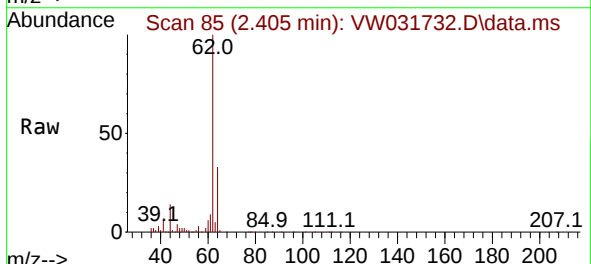
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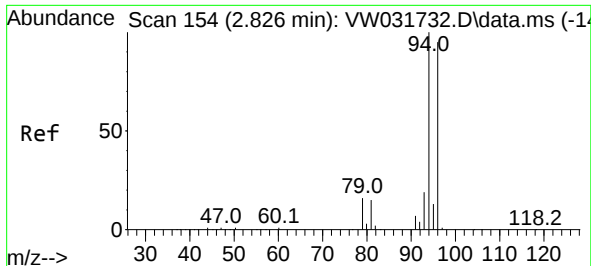
Tgt Ion: 50 Resp: 84254
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 47.617 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 62 Resp: 115341
Ion Ratio Lower Upper
62 100
64 33.5 26.8 40.2

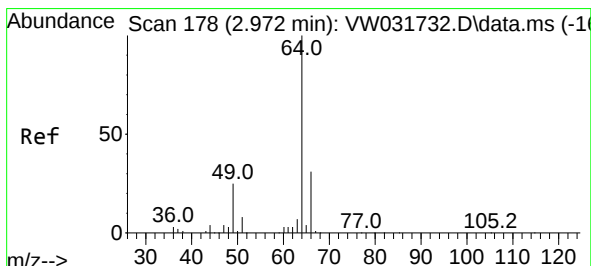
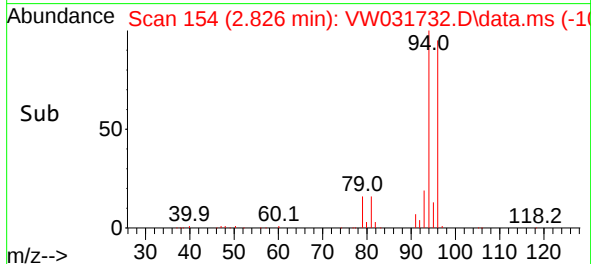
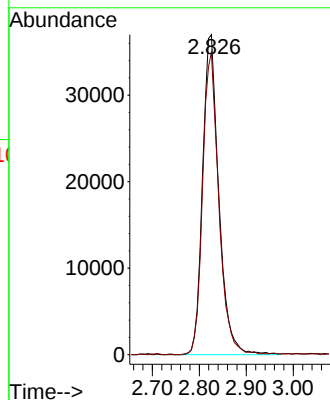
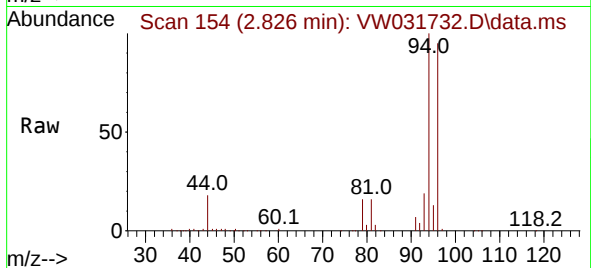




#5
Bromomethane
Concen: 46.990 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
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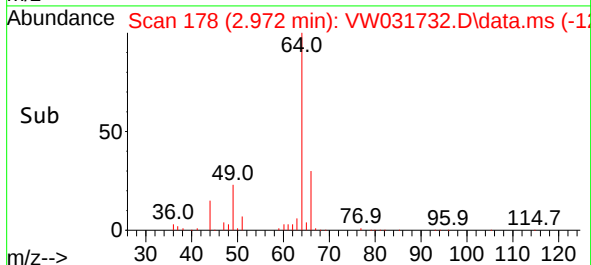
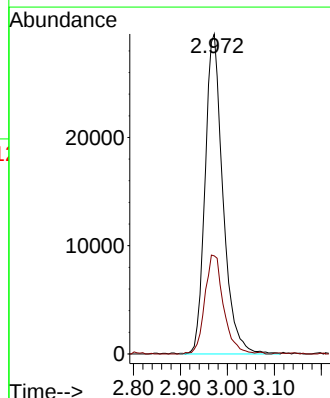
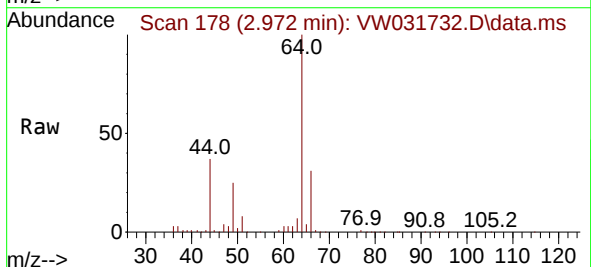
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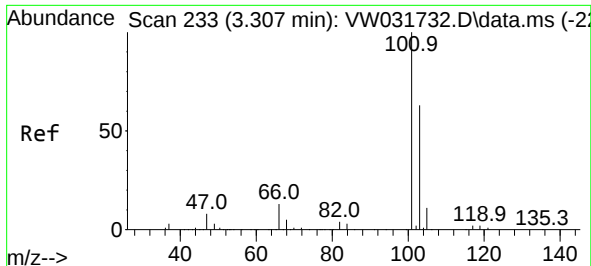
Tgt Ion: 94 Resp: 88903
Ion Ratio Lower Upper
94 100
96 94.5 75.6 113.4



#6
Chloroethane
Concen: 47.303 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 77830
Ion Ratio Lower Upper
64 100
66 30.6 24.5 36.7

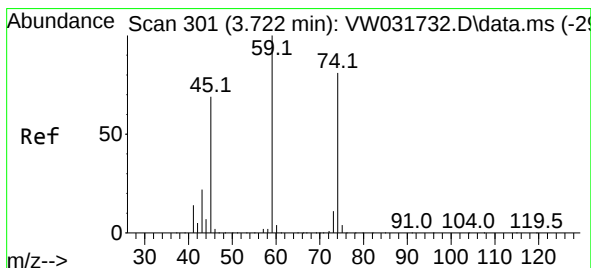
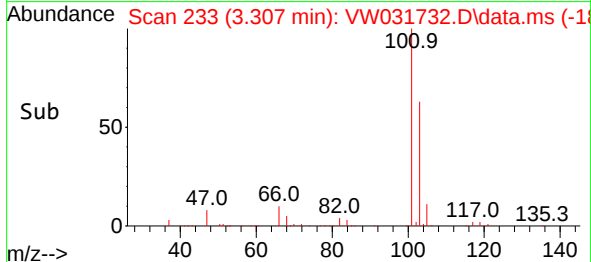
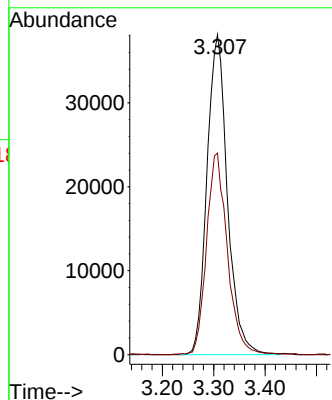
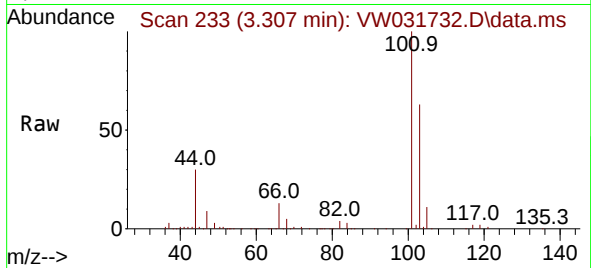




#7
 Trichlorofluoromethane
 Concen: 47.842 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

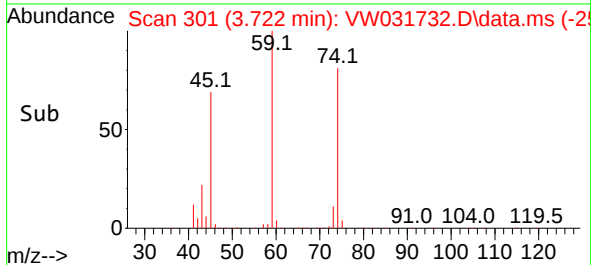
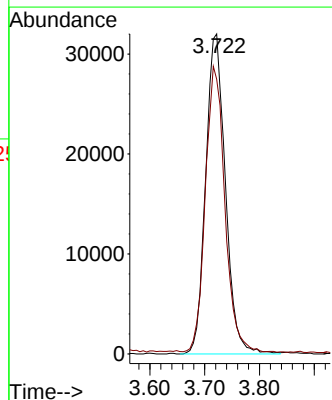
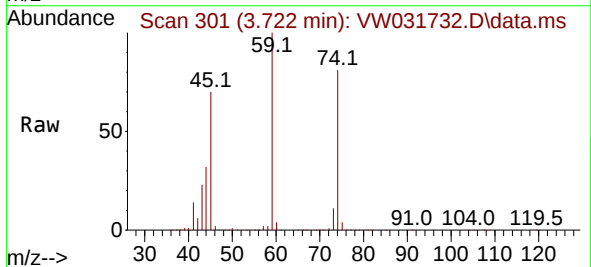
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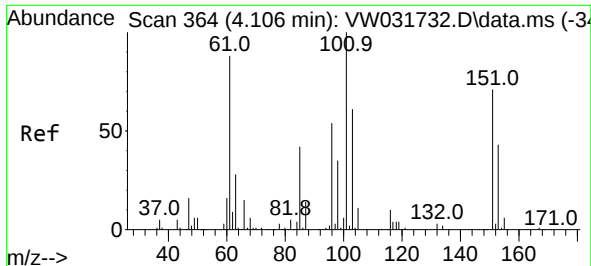
Tgt Ion:101 Resp: 105244
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 47.778 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 79864
 Ion Ratio Lower Upper
 74 100
 45 87.8 43.9 131.7

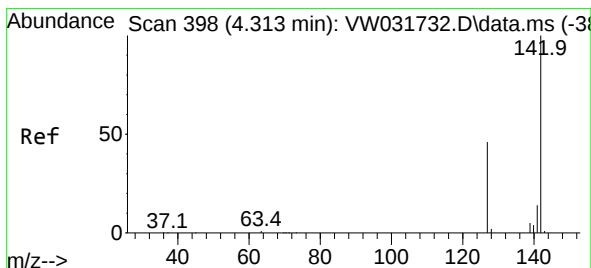
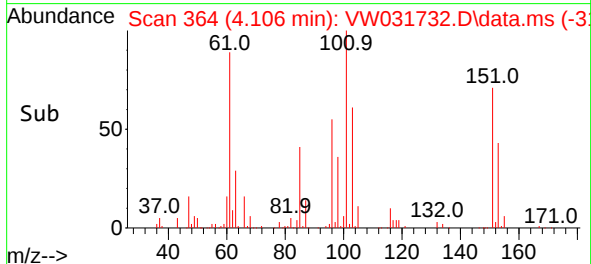
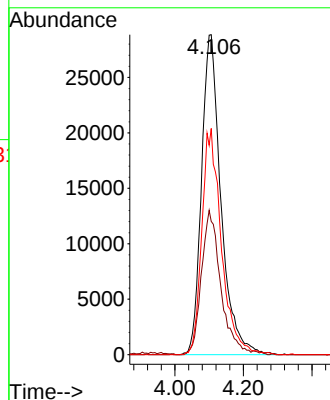
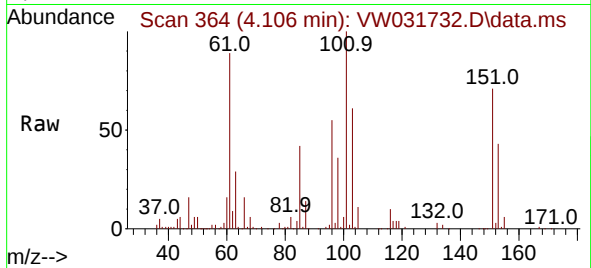




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.722 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

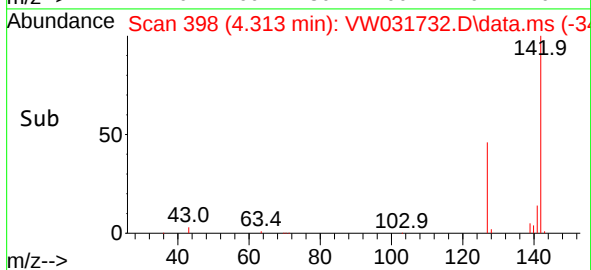
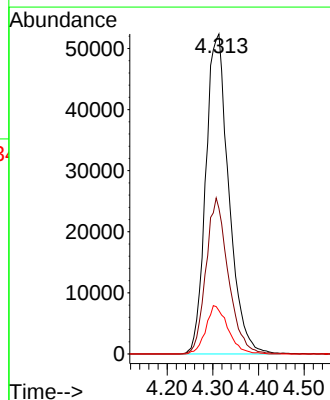
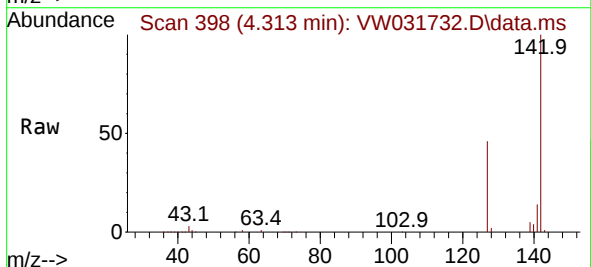
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

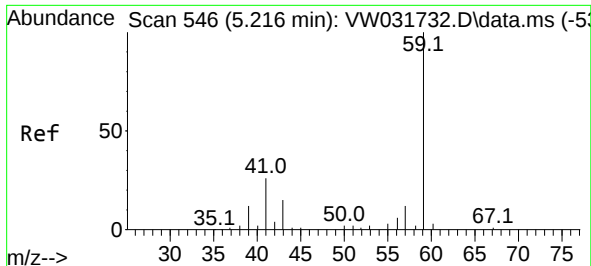
Tgt Ion:101 Resp: 114080
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 71.0 56.8 85.2



#10
Methyl Iodide
Concen: 48.636 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion:142 Resp: 183075
Ion Ratio Lower Upper
142 100
127 47.4 37.9 56.9
141 14.6 11.7 17.5

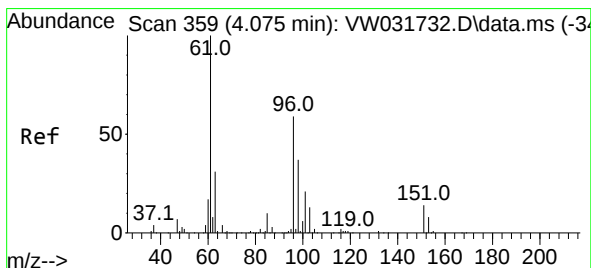
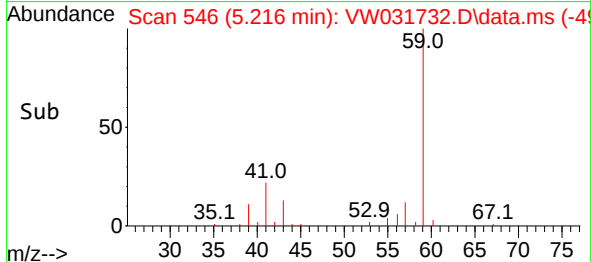
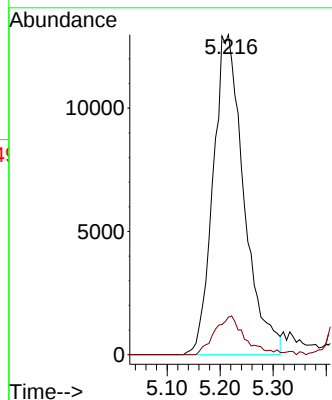
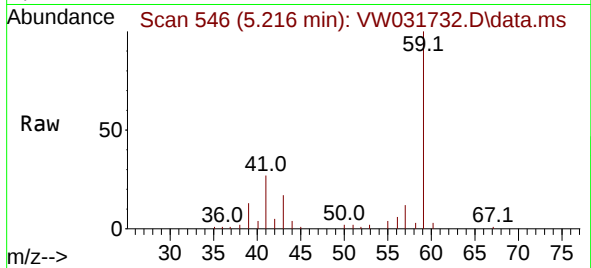




#11
Tert butyl alcohol
Concen: 262.624 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

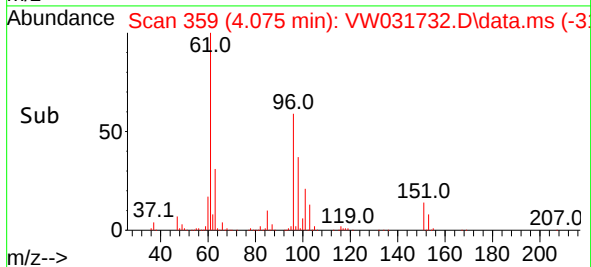
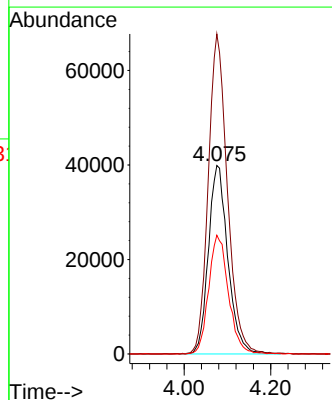
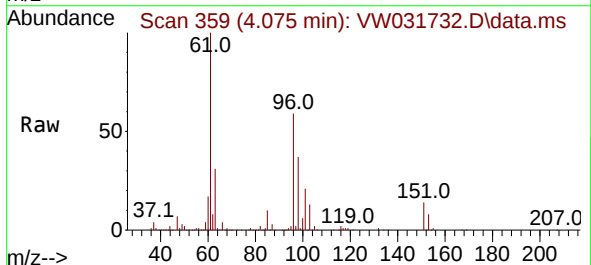
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

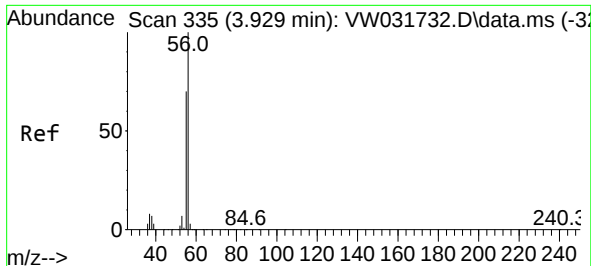
Tgt Ion: 59 Resp: 52409
Ion Ratio Lower Upper
59 100
57 11.9 9.5 14.3



#12
1,1-Dichloroethene
Concen: 46.640 ug/l
RT: 4.075 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 96 Resp: 124737
Ion Ratio Lower Upper
96 100
61 169.8 135.8 203.8
98 63.0 50.4 75.6

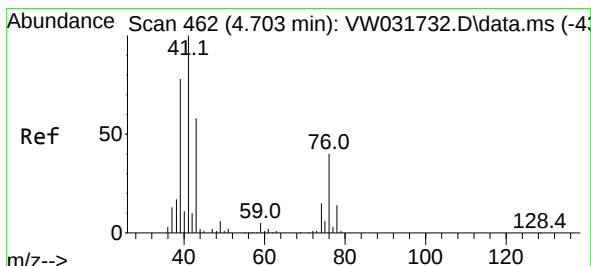
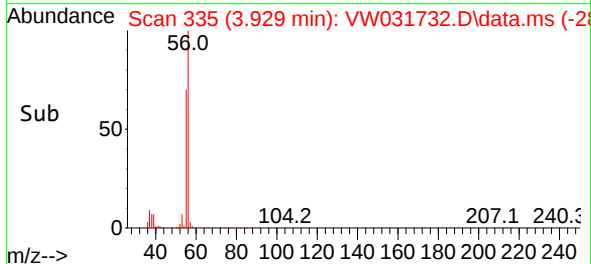
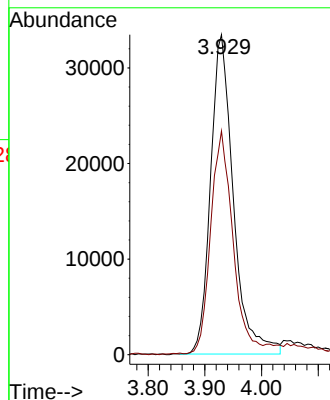
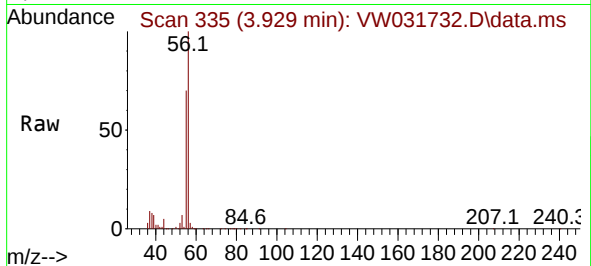




#13
Acrolein
Concen: 260.524 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

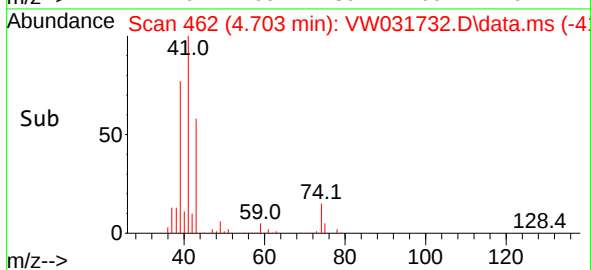
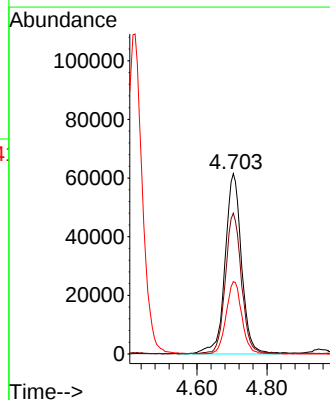
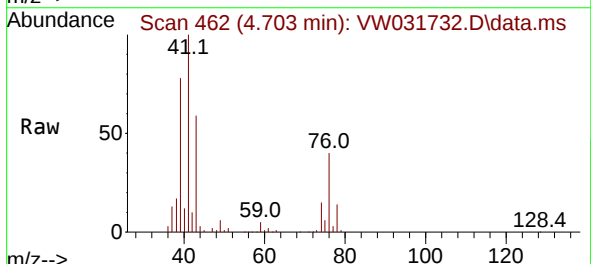
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 93443
Ion Ratio Lower Upper
56 100
55 67.5 54.0 81.0



#14
Allyl chloride
Concen: 48.986 ug/l
RT: 4.703 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 41 Resp: 201014
Ion Ratio Lower Upper
41 100
39 75.9 60.7 91.1
76 37.9 30.3 45.5

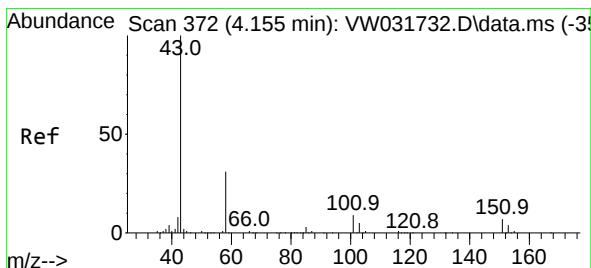
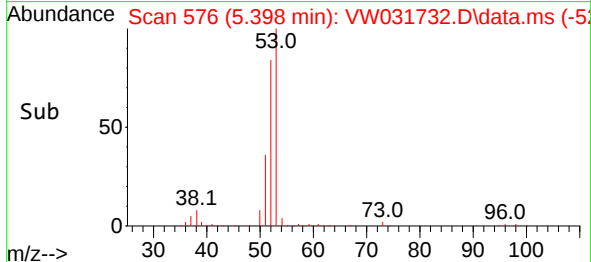
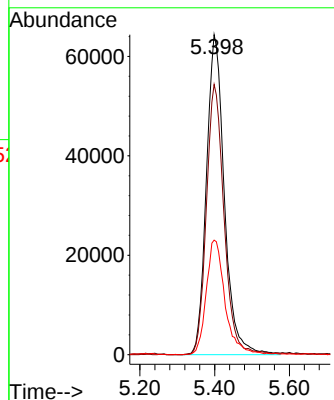
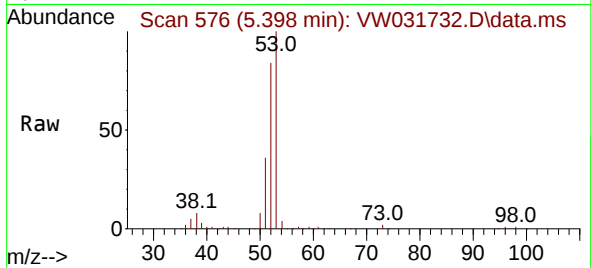




#15
Acrylonitrile
Concen: 261.033 ug/l
RT: 5.398 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

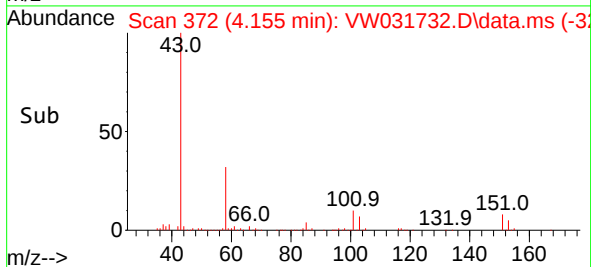
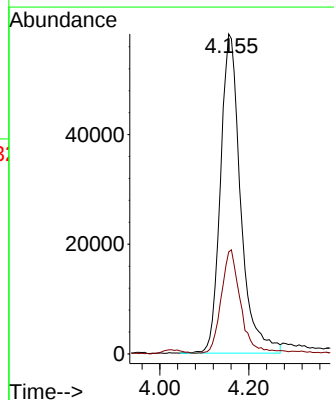
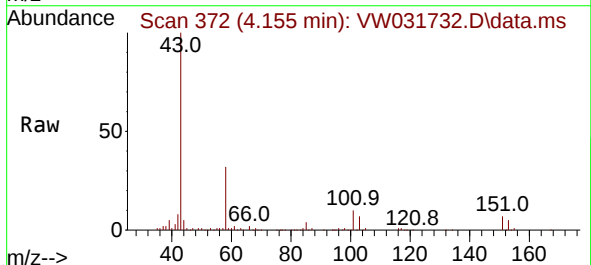
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

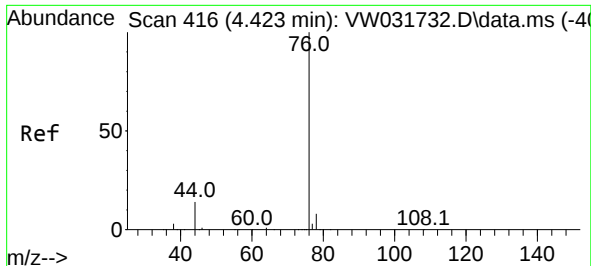
Tgt Ion: 53 Resp: 214572
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 37.4 29.9 44.9



#16
Acetone
Concen: 228.296 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 43 Resp: 182890
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2

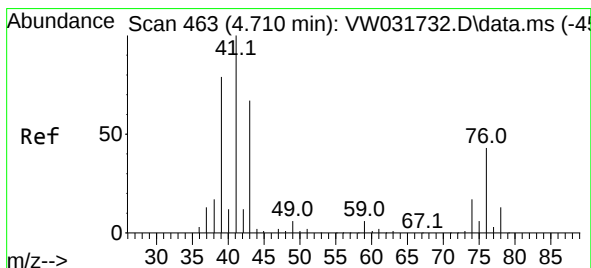
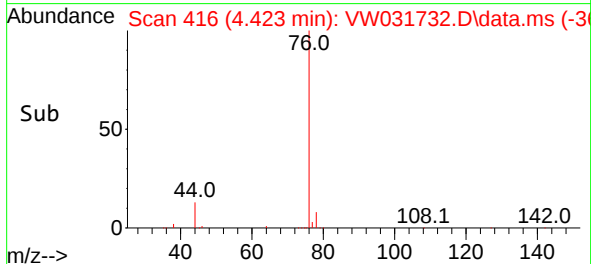
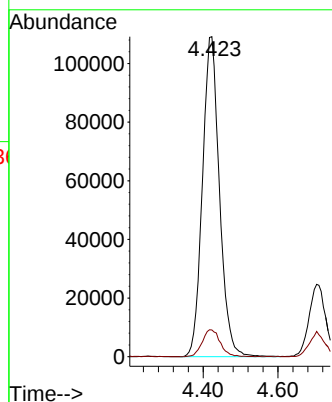
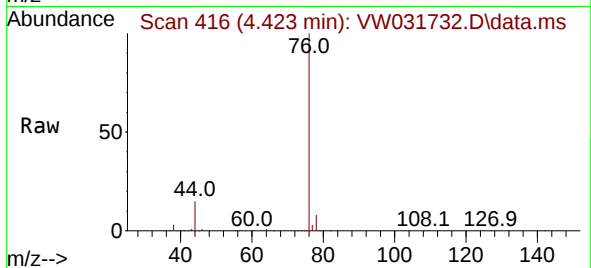




#17
Carbon Disulfide
Concen: 48.188 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

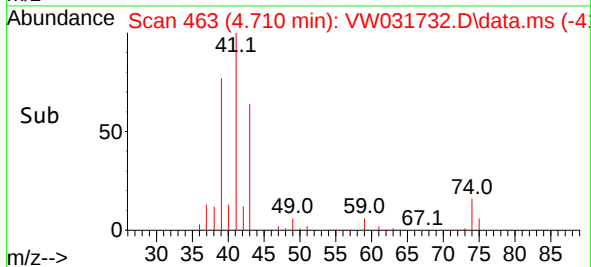
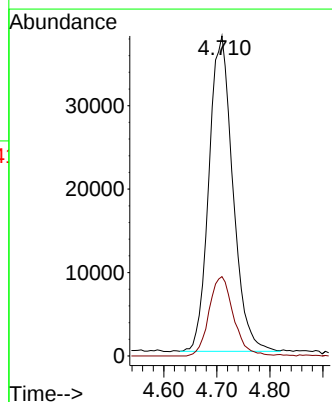
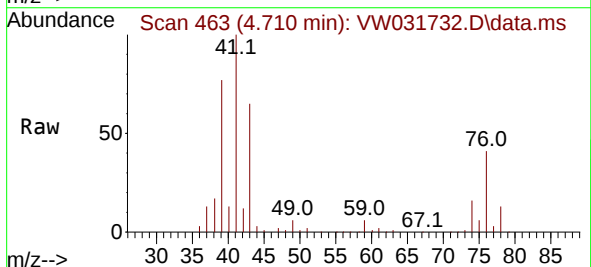
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 344867
Ion Ratio Lower Upper
76 100
78 8.3 6.6 10.0



#18
Methyl Acetate
Concen: 52.118 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 43 Resp: 118590
Ion Ratio Lower Upper
43 100
74 25.7 20.6 30.8

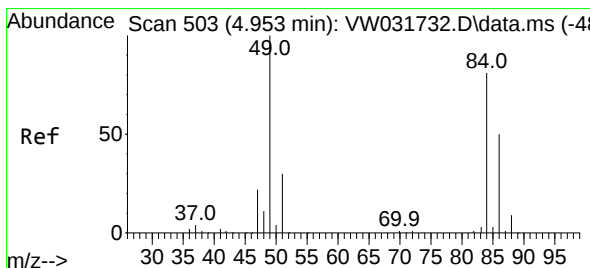
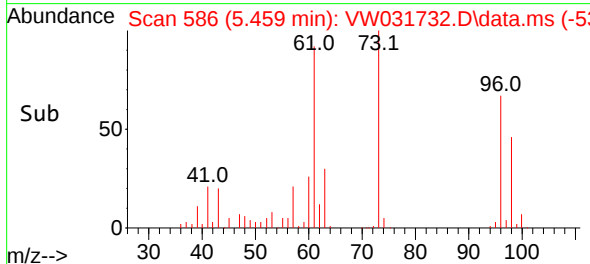
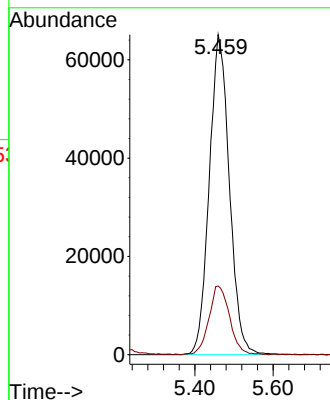
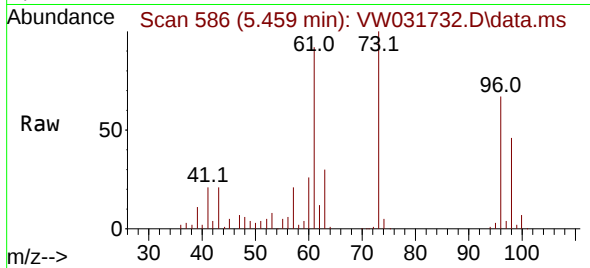




#19
Methyl tert-butyl Ether
Concen: 51.082 ug/l
RT: 5.459 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

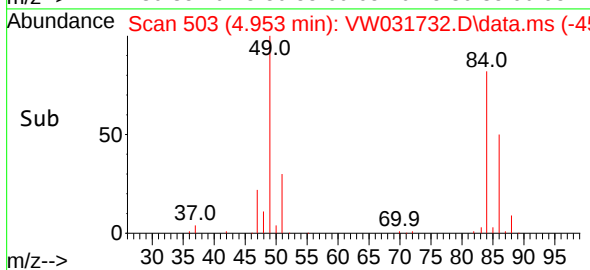
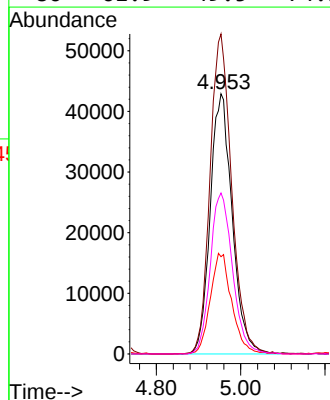
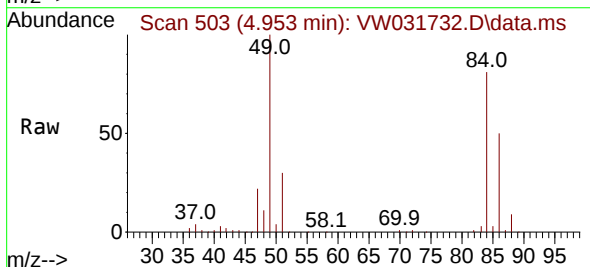
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

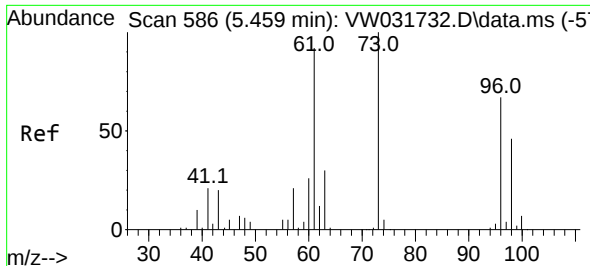
Tgt Ion: 73 Resp: 231884
Ion Ratio Lower Upper
73 100
57 21.5 17.2 25.8



#20
Methylene Chloride
Concen: 48.806 ug/l
RT: 4.953 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 84 Resp: 155350
Ion Ratio Lower Upper
84 100
49 122.8 98.2 147.4
51 37.3 29.8 44.8
86 61.9 49.5 74.3

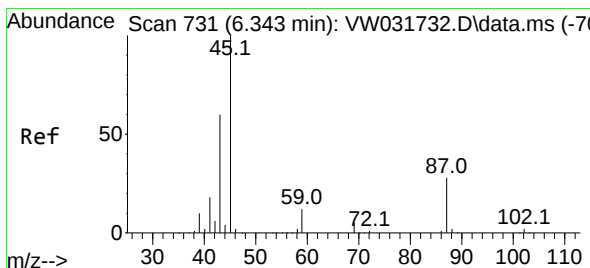
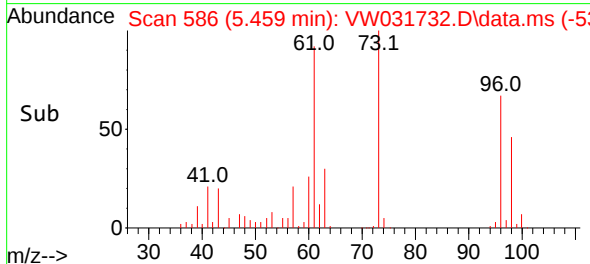
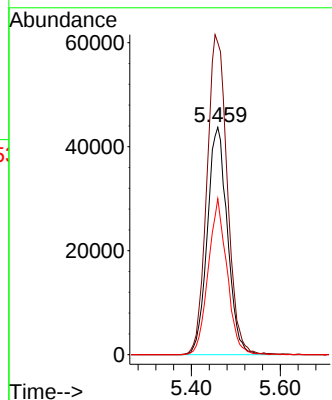
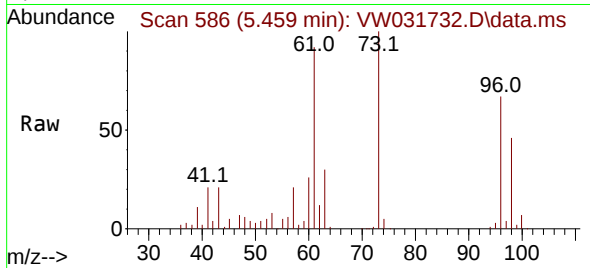




#21
trans-1,2-Dichloroethene
Concen: 48.382 ug/l
RT: 5.459 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

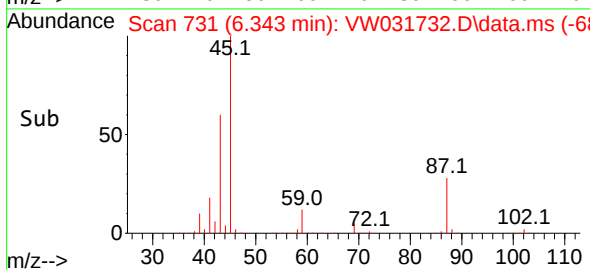
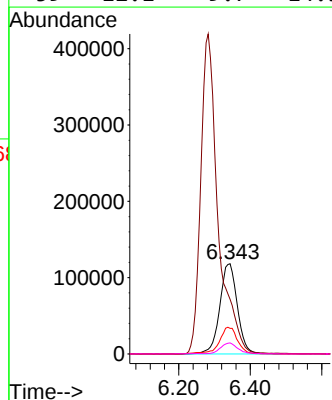
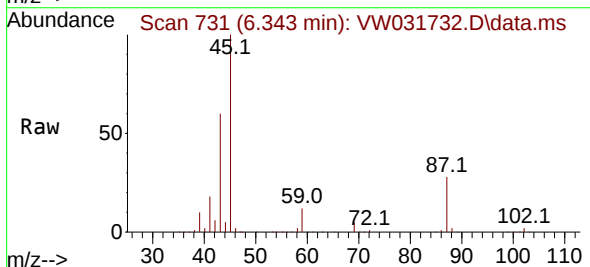
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 137493
Ion Ratio Lower Upper
96 100
61 137.2 109.8 164.6
98 68.6 54.9 82.3



#22
Diisopropyl ether
Concen: 50.335 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 45 Resp: 402830
Ion Ratio Lower Upper
45 100
43 60.4 48.3 72.5
87 28.3 22.6 34.0
59 12.1 9.7 14.5

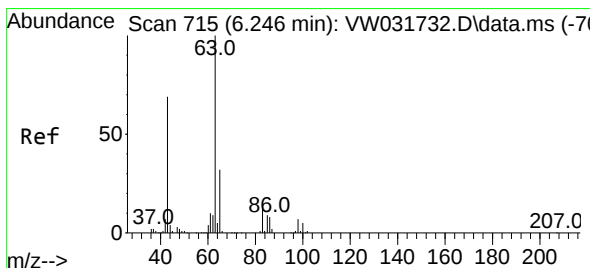
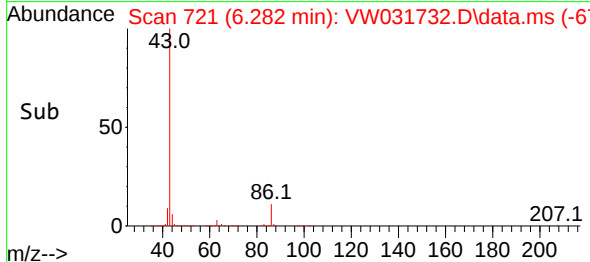
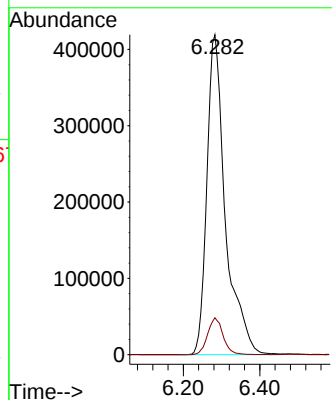
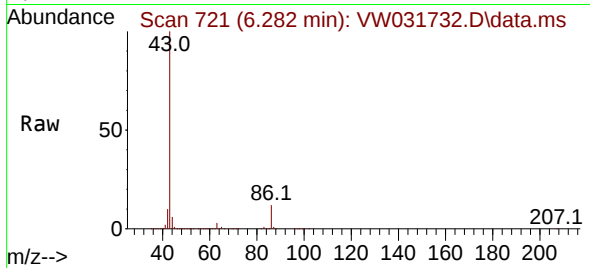




#23
 Vinyl Acetate
 Concen: 257.896 ug/l
 RT: 6.282 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

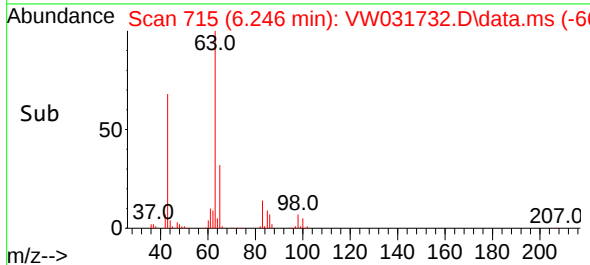
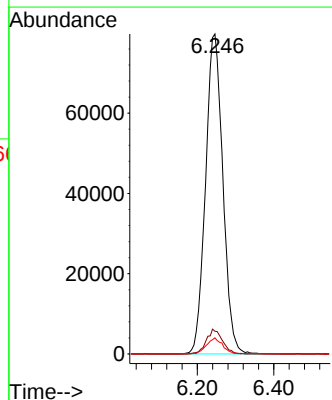
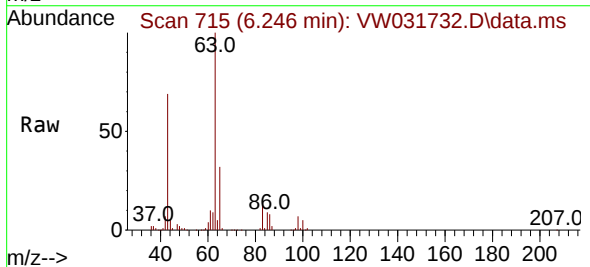
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

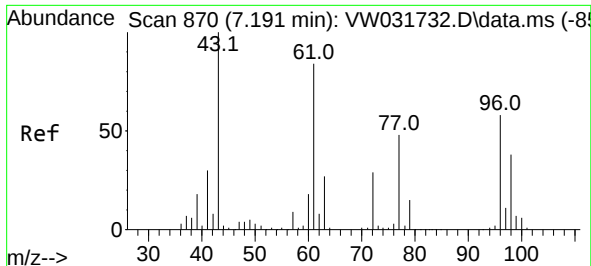
Tgt Ion: 43 Resp: 1409763
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 48.257 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

Tgt Ion: 63 Resp: 250386
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 5.0 2.5 7.5

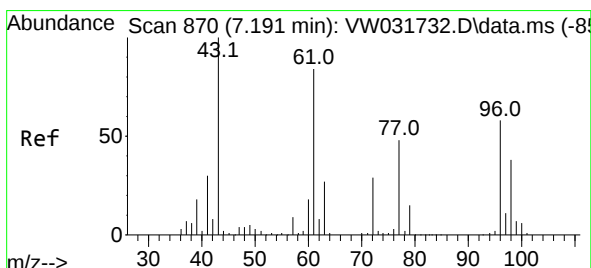
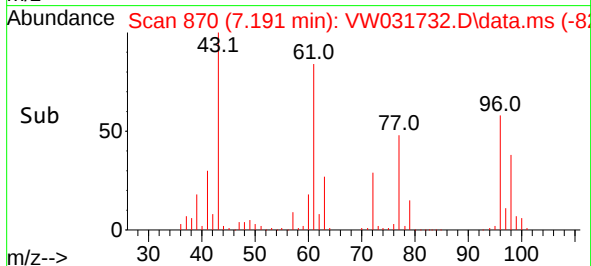
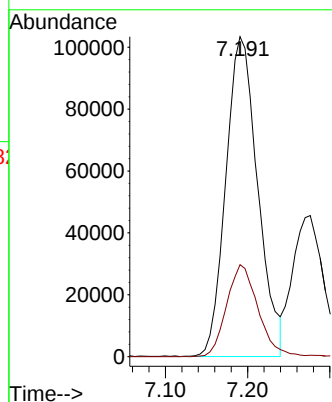
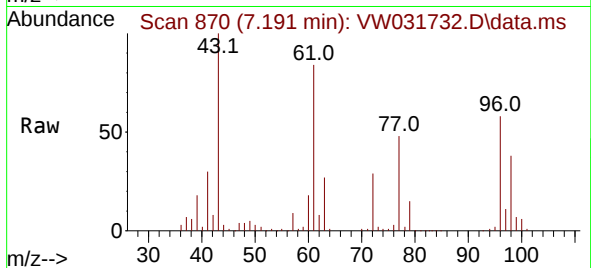




#25
2-Butanone
Concen: 269.438 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

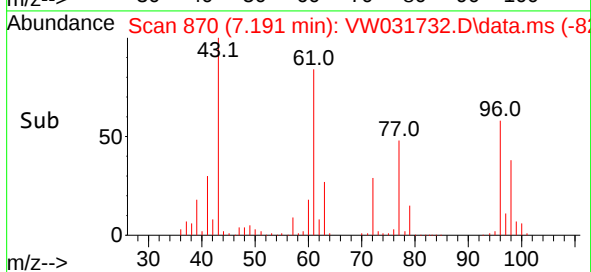
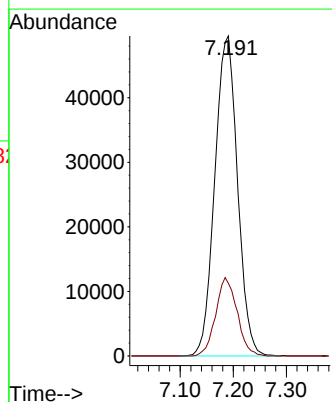
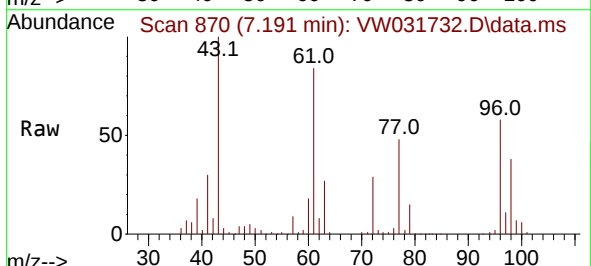
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

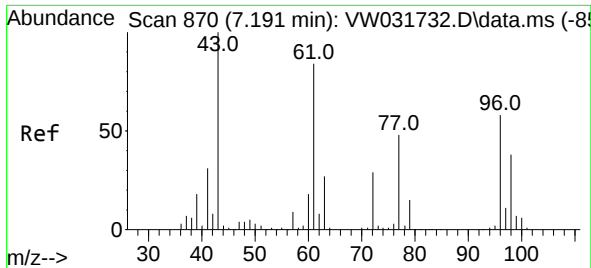
Tgt Ion: 43 Resp: 279081
Ion Ratio Lower Upper
43 100
72 28.8 23.0 34.6



#26
2,2-Dichloropropane
Concen: 48.691 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 77 Resp: 147400
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 49.190 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

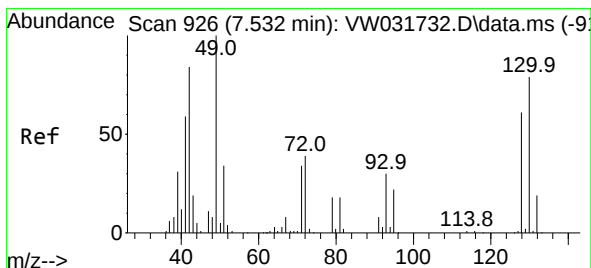
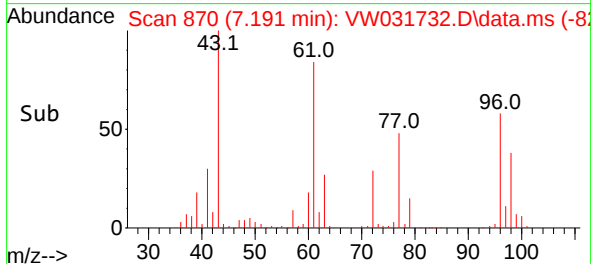
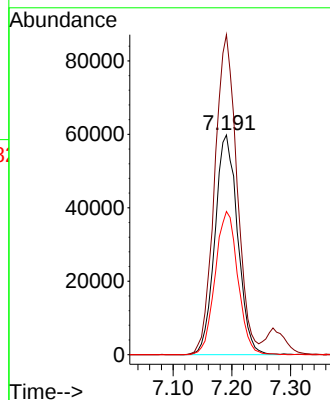
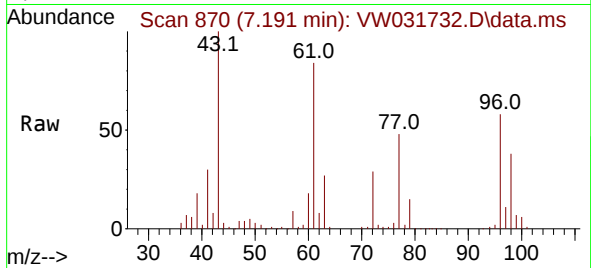
Tgt Ion: 96 Resp: 160684

Ion Ratio Lower Upper

96 100

61 143.4 0.0 286.8

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 49.435 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

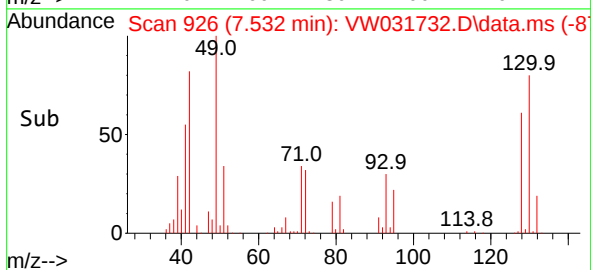
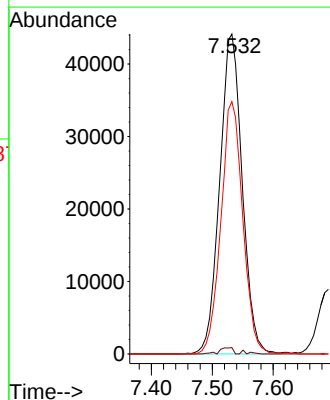
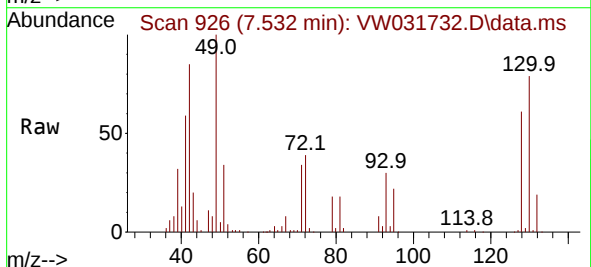
Tgt Ion: 49 Resp: 113190

Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.4

130 76.6 61.3 91.9

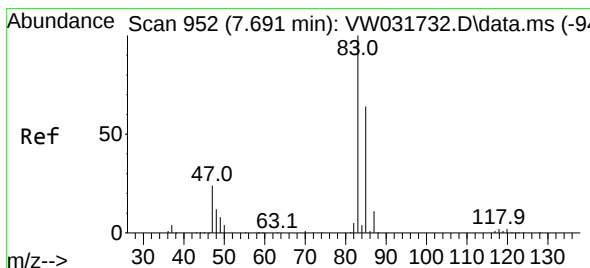
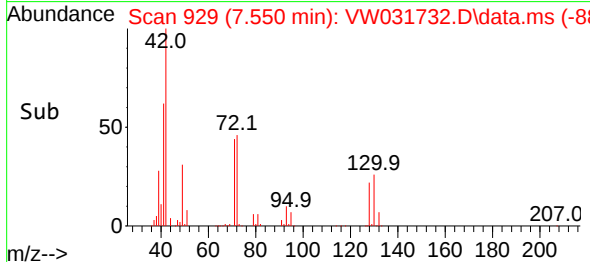
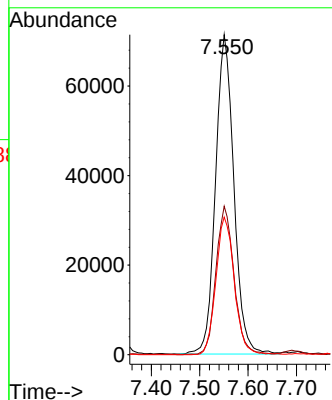
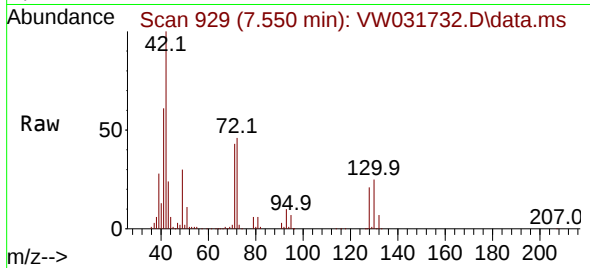




#29
Tetrahydrofuran
Concen: 265.287 ug/l
RT: 7.550 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

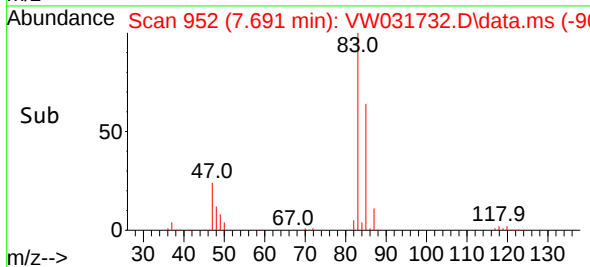
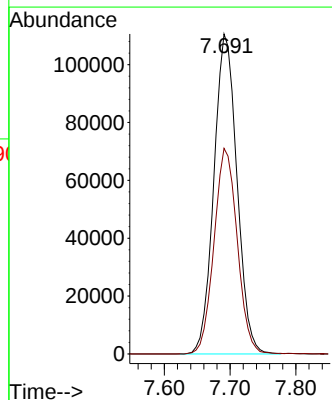
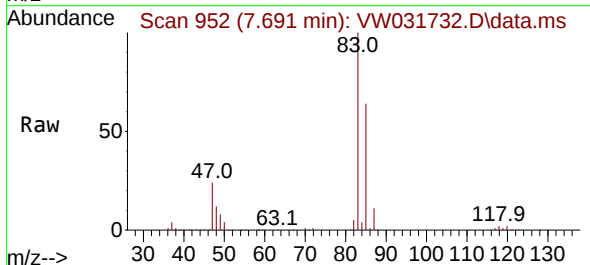
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

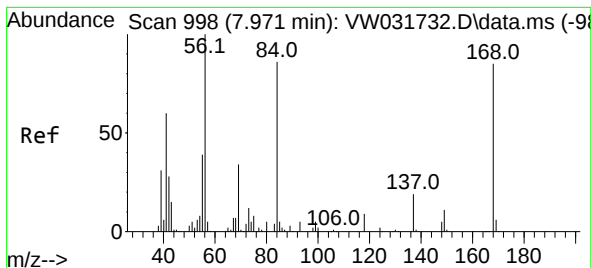
Tgt Ion: 42 Resp: 188178
Ion Ratio Lower Upper
42 100
72 46.0 36.8 55.2
71 43.3 34.6 52.0



#30
Chloroform
Concen: 49.023 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 83 Resp: 270281
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0





#31

Cyclohexane

Concen: 45.861 ug/l

RT: 7.971 min Scan# 998

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

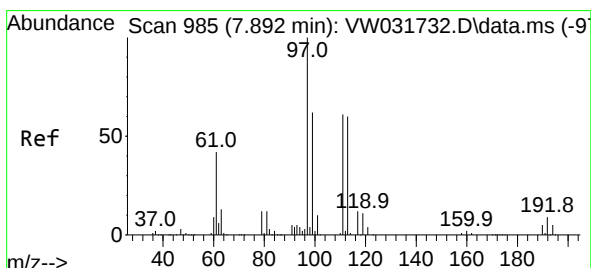
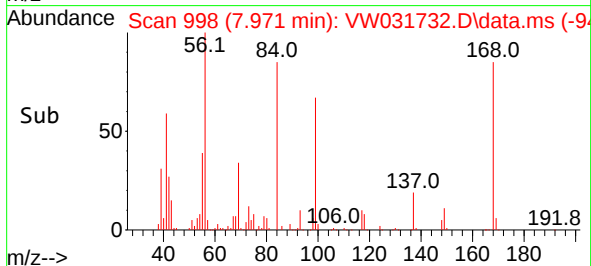
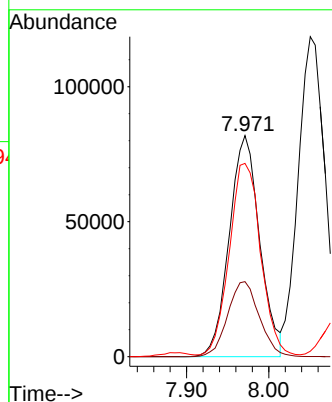
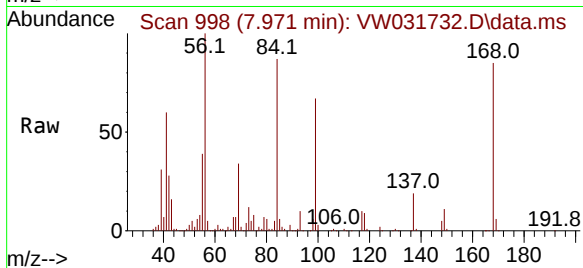
Tgt Ion: 56 Resp: 210337

Ion Ratio Lower Upper

56 100

69 34.0 27.2 40.8

84 85.6 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 48.890 ug/l

RT: 7.892 min Scan# 985

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

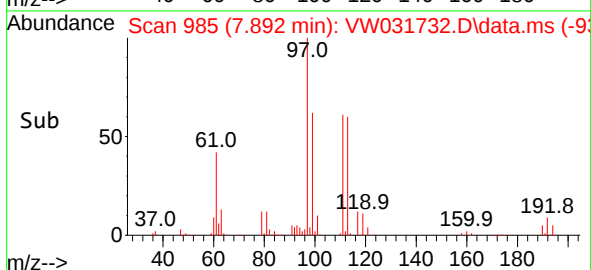
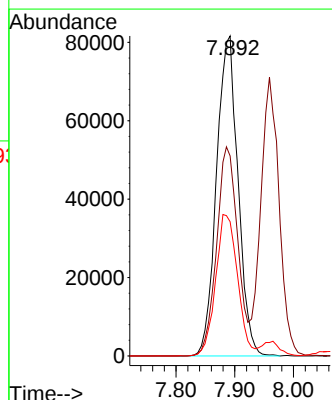
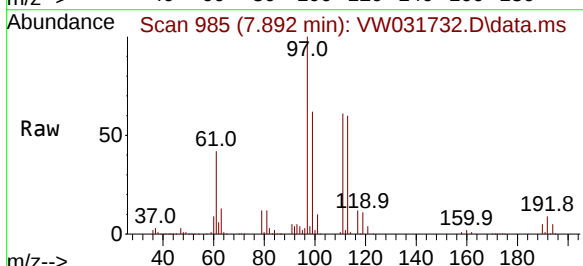
Tgt Ion: 97 Resp: 207721

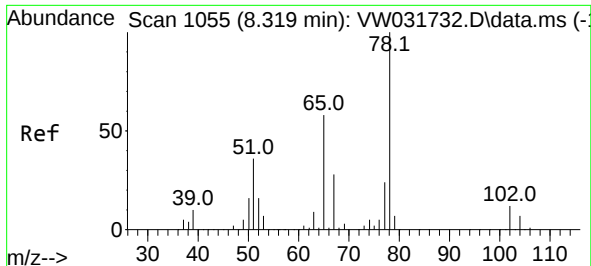
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 45.0 36.0 54.0

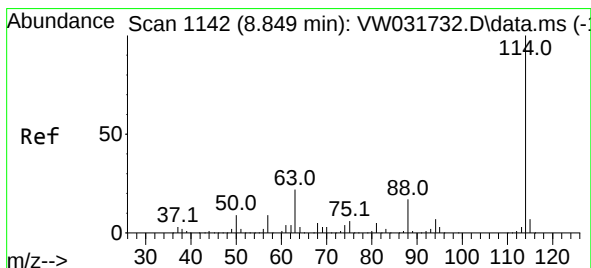
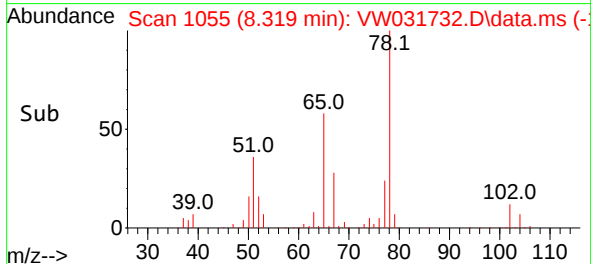
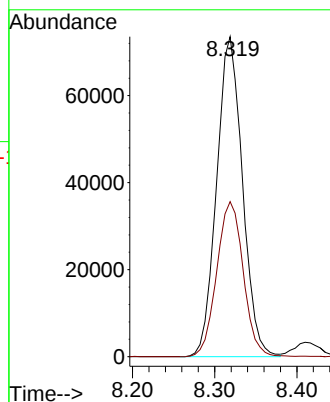
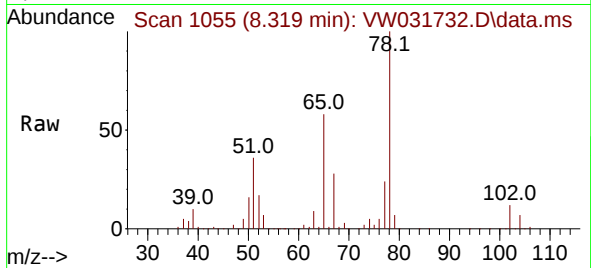




#33
 1,2-Dichloroethane-d4
 Concen: 49.813 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

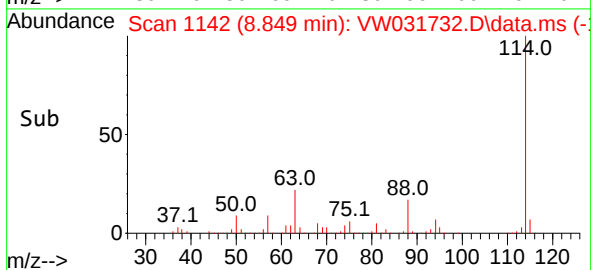
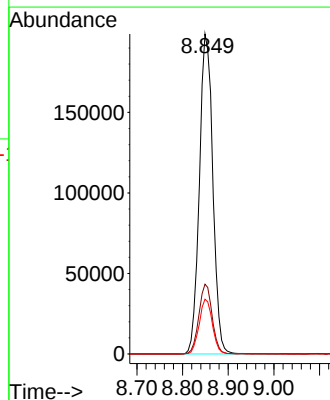
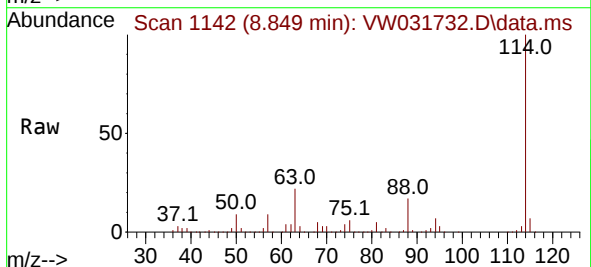
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

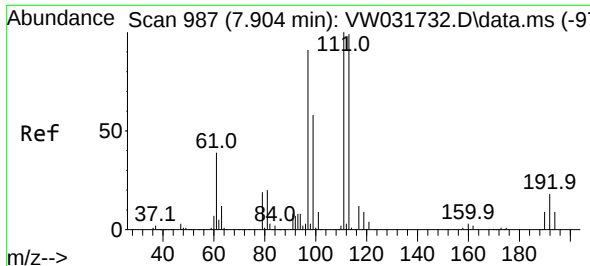
Tgt Ion: 65 Resp: 160456
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

Tgt Ion: 114 Resp: 404902
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.6
 88 17.1 0.0 34.2



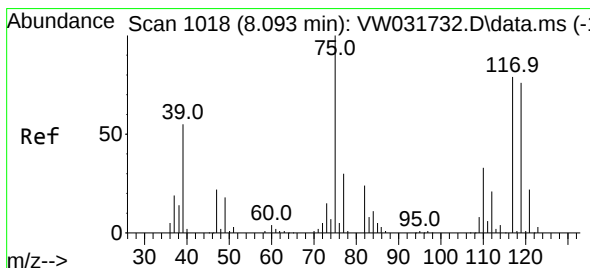
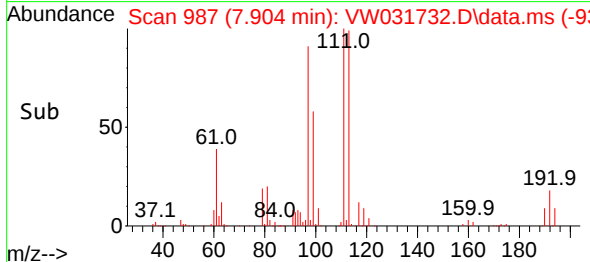
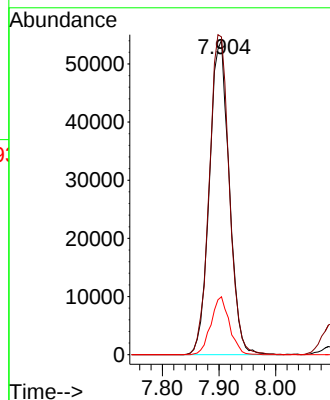
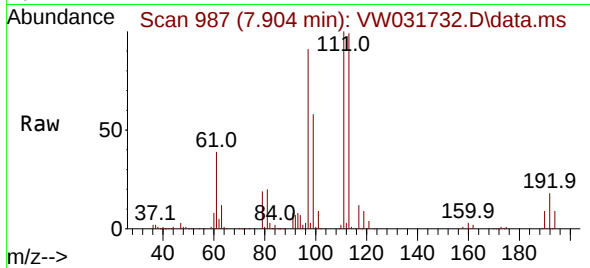


#35
 Dibromofluoromethane
 Concen: 49.622 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:113 Resp: 131109

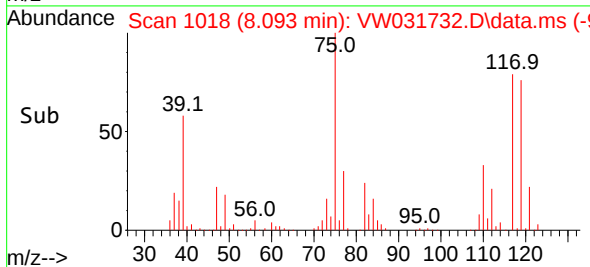
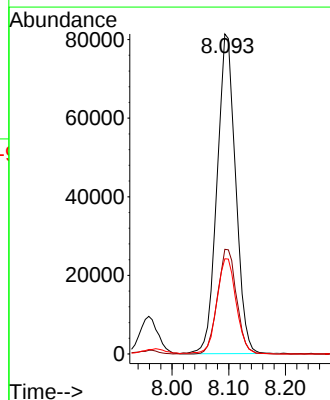
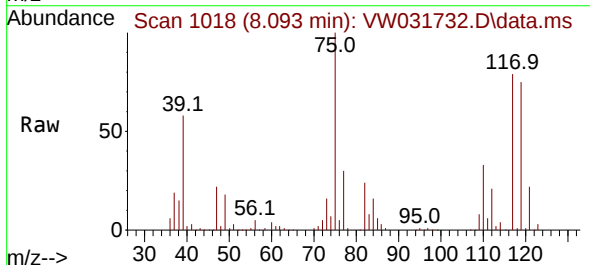
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.1	123.1
192	17.2	13.8	20.6

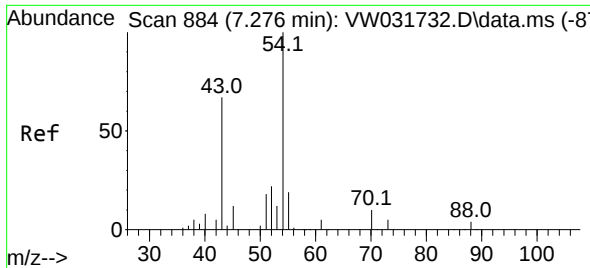


#36
 1,1-Dichloropropene
 Concen: 48.296 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

Tgt Ion: 75 Resp: 184651

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.8	50.4
77	31.3	25.0	37.6

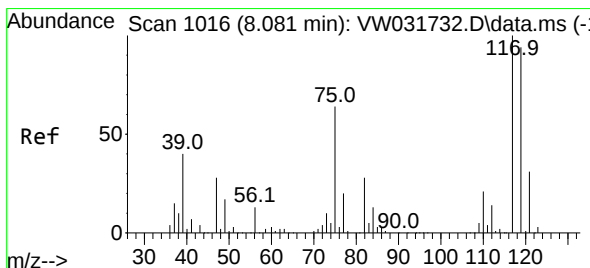
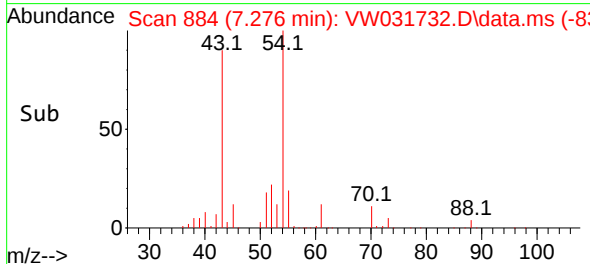
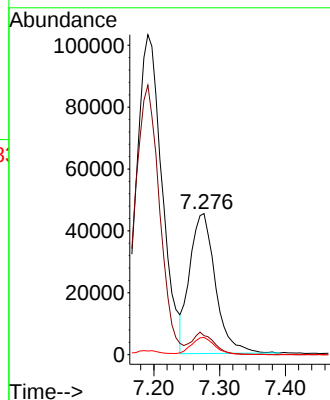
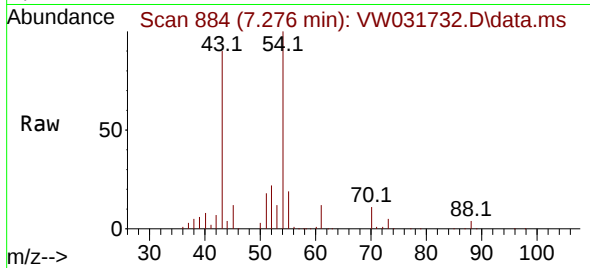




#37
Ethyl Acetate
Concen: 50.805 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

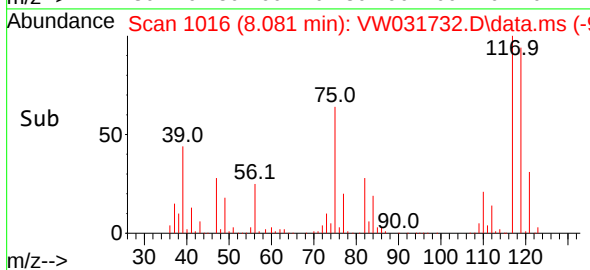
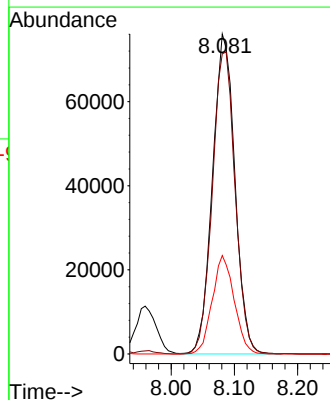
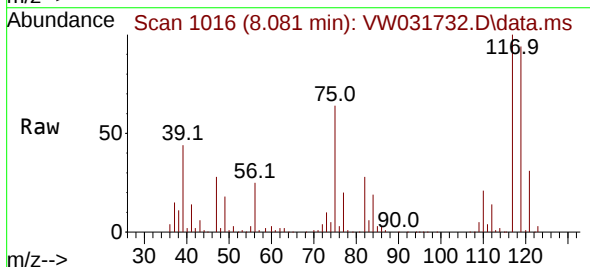
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

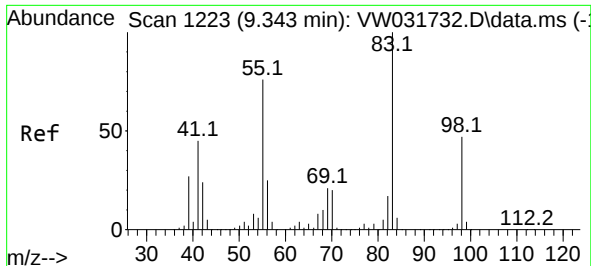
Tgt Ion: 43 Resp: 122534
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 47.949 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 117 Resp: 186814
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 48.175 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

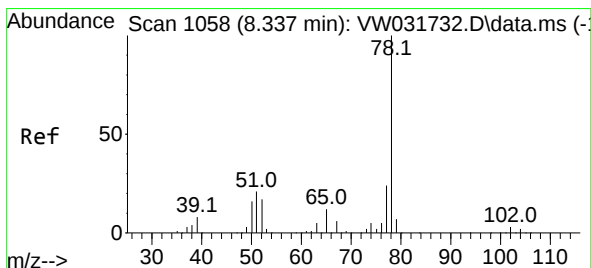
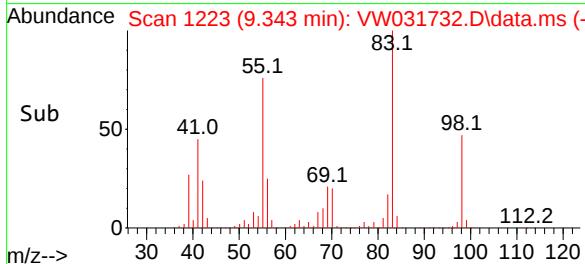
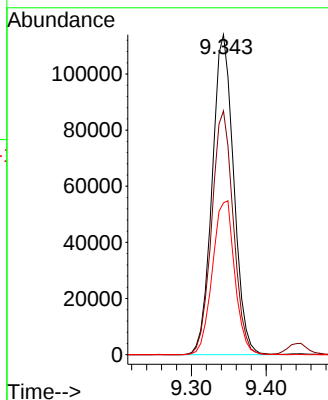
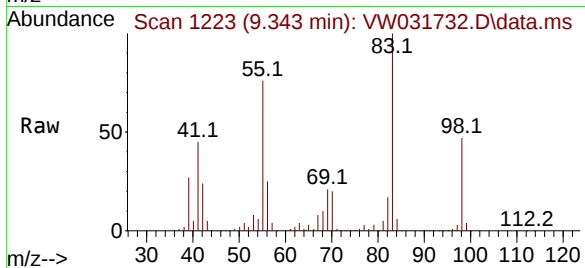
Tgt Ion: 83 Resp: 229164

Ion Ratio Lower Upper

83 100

55 76.2 61.0 91.4

98 47.4 37.9 56.9



#40

Benzene

Concen: 49.213 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031732.D

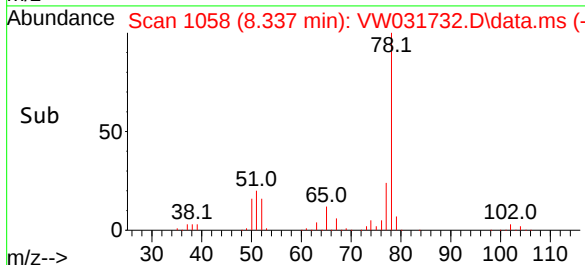
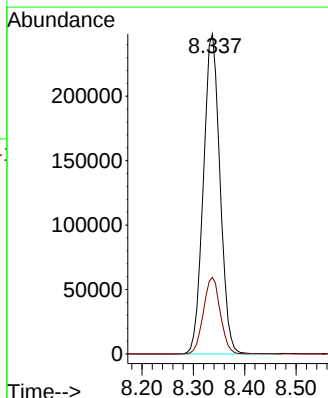
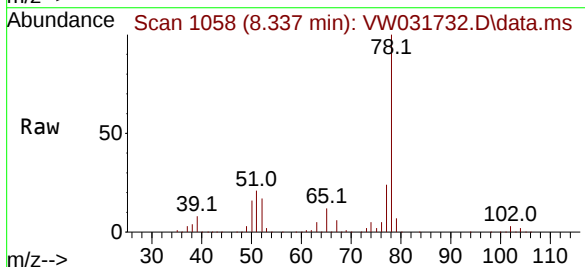
Acq: 30 Jun 2025 11:21

Tgt Ion: 78 Resp: 556688

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8



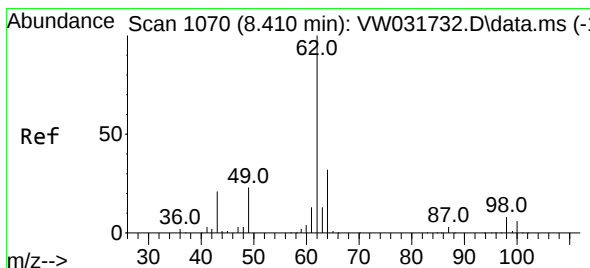
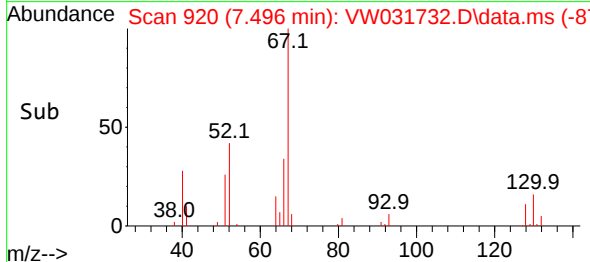
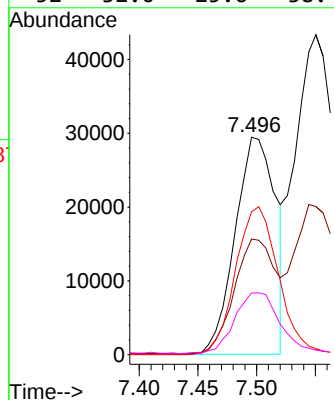
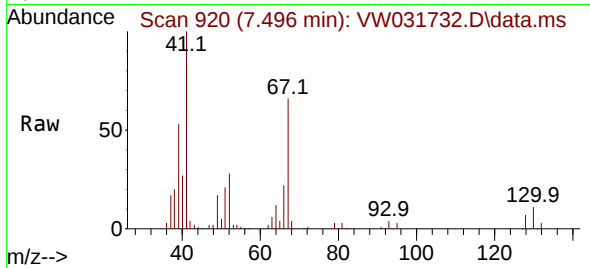


#41
Methacrylonitrile
Concen: 54.633 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 70587

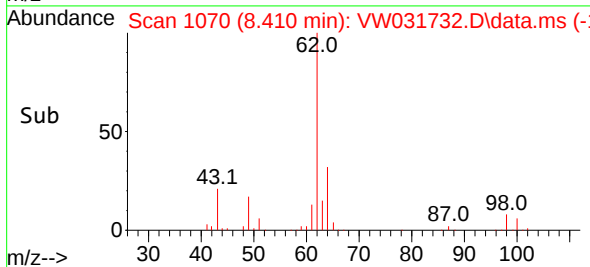
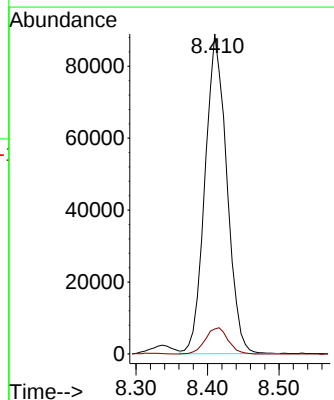
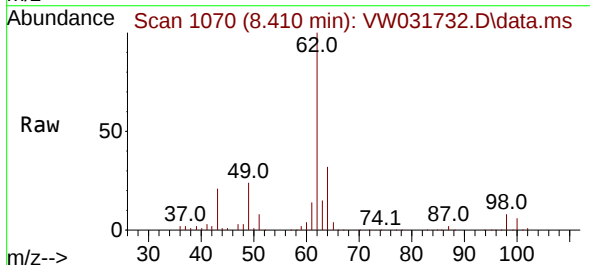
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	72.6	58.1	87.1
52	32.0	25.6	38.4

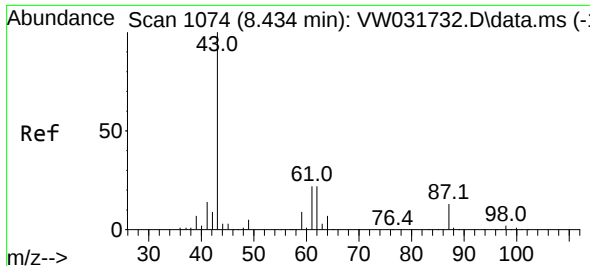


#42
1,2-Dichloroethane
Concen: 49.111 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 62 Resp: 187709

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2

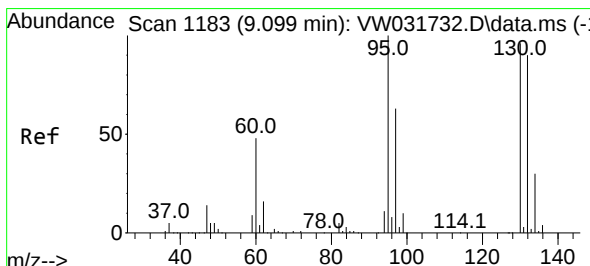
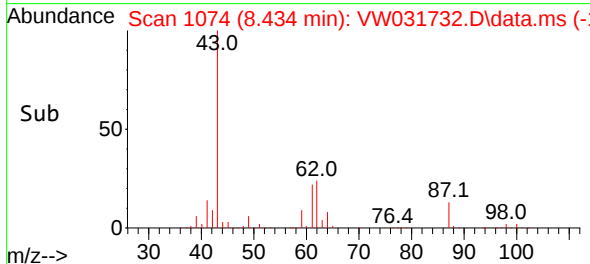
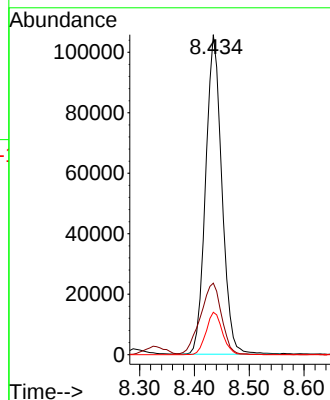
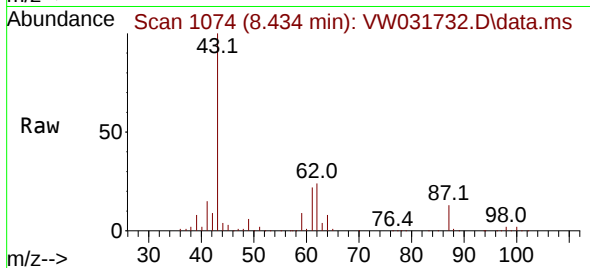




#43
Isopropyl Acetate
Concen: 52.141 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

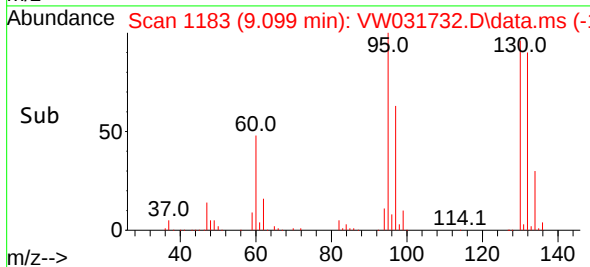
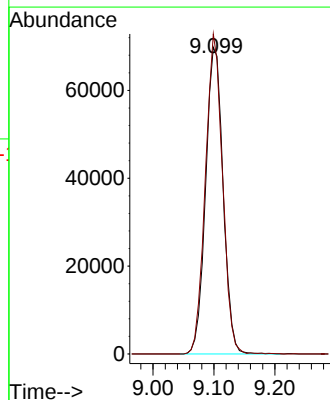
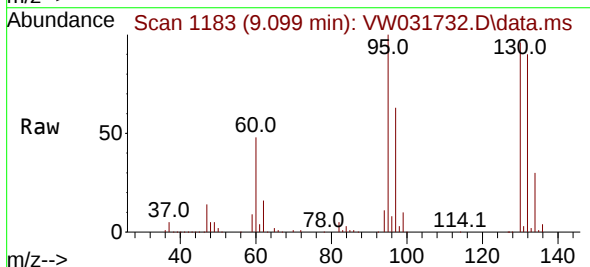
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

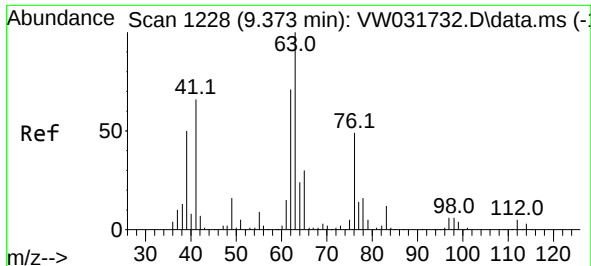
Tgt Ion: 43 Resp: 216777
Ion Ratio Lower Upper
43 100
61 28.9 23.1 34.7
87 13.5 10.8 16.2



#44
Trichloroethene
Concen: 49.275 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion:130 Resp: 139117
Ion Ratio Lower Upper
130 100
95 104.3 0.0 208.6

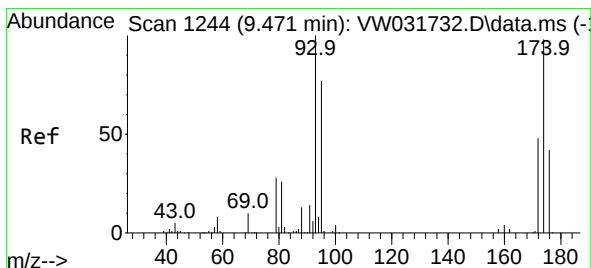
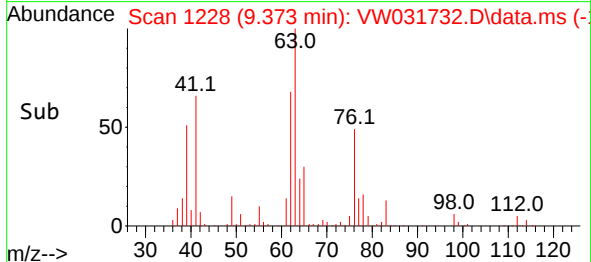
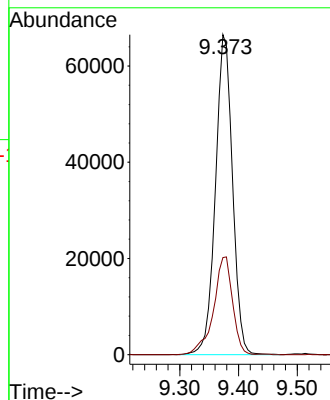
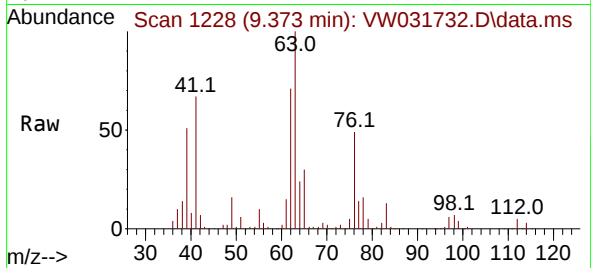




#45
1,2-Dichloropropane
Concen: 49.040 ug/l
RT: 9.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

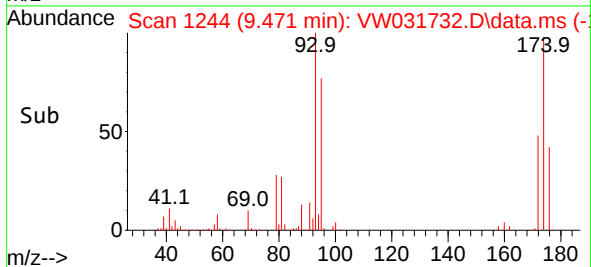
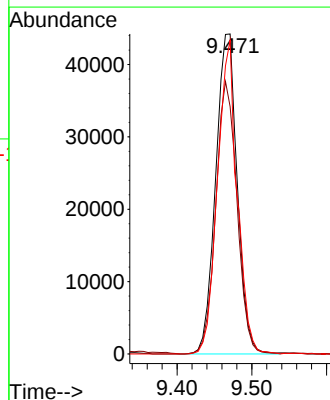
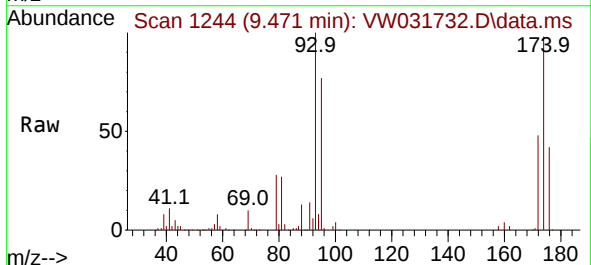
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

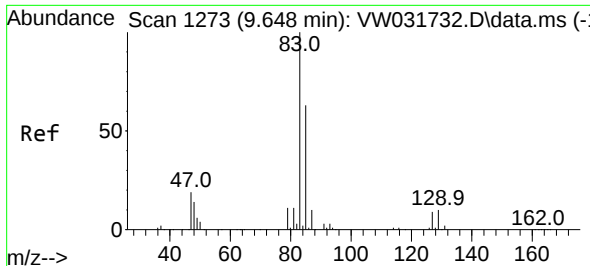
Tgt Ion: 63 Resp: 134070
Ion Ratio Lower Upper
63 100
65 30.3 24.2 36.4



#46
Dibromomethane
Concen: 50.266 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 93 Resp: 88721
Ion Ratio Lower Upper
93 100
95 83.7 67.0 100.4
174 89.6 71.7 107.5

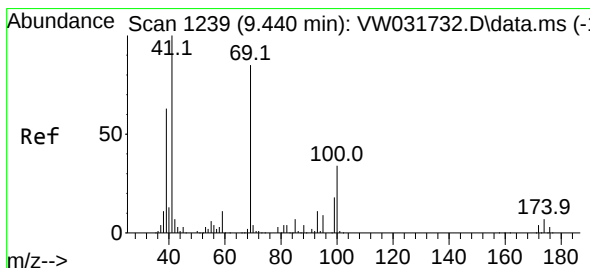
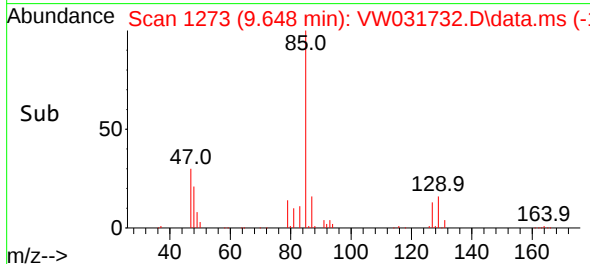
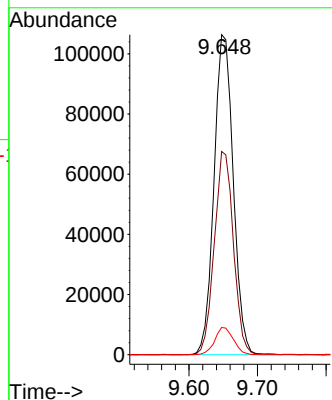
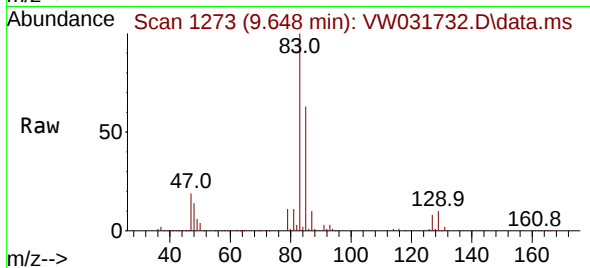




#47
Bromodichloromethane
Concen: 50.013 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

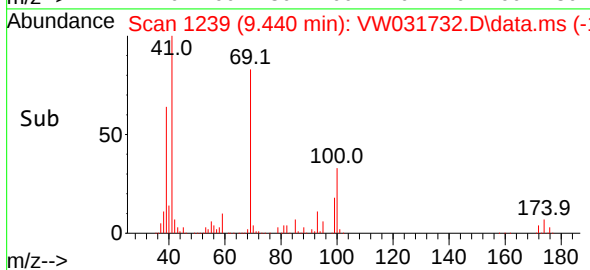
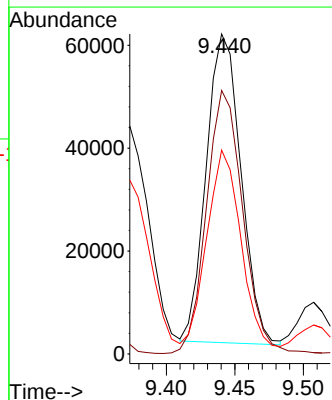
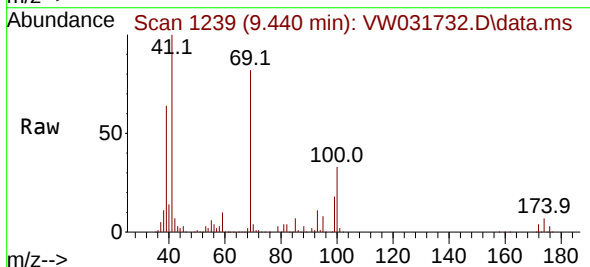
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

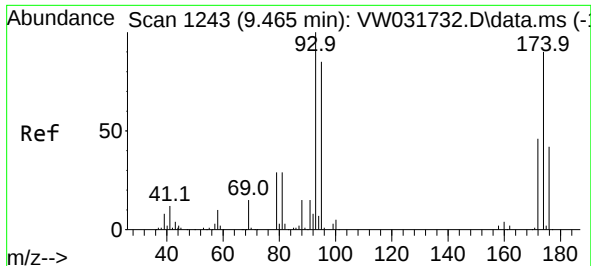
Tgt Ion: 83 Resp: 207001
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 51.725 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 41 Resp: 105740
Ion Ratio Lower Upper
41 100
69 89.5 71.6 107.4
39 61.9 49.5 74.3





#49

1,4-Dioxane

Concen: 1100.195 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

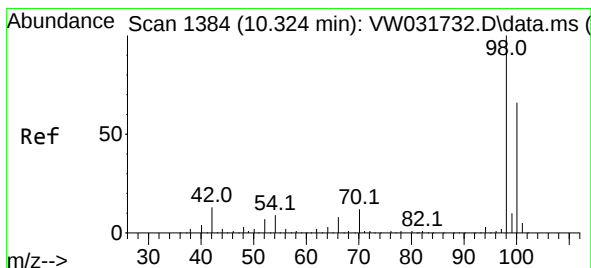
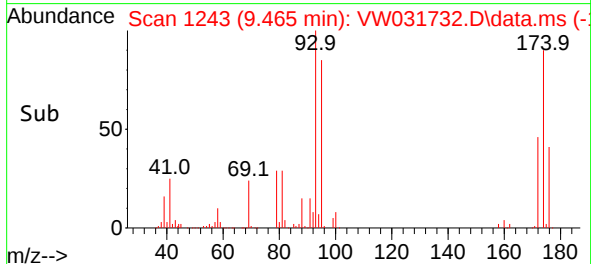
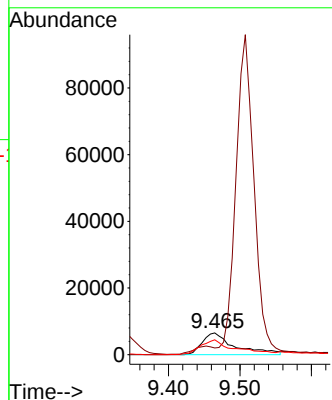
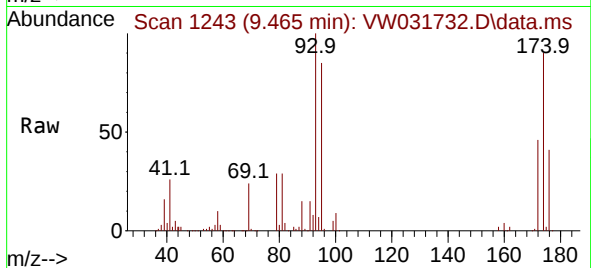
Tgt Ion: 88 Resp: 20673

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.9 58.3 87.5



#50

Toluene-d8

Concen: 49.762 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031732.D

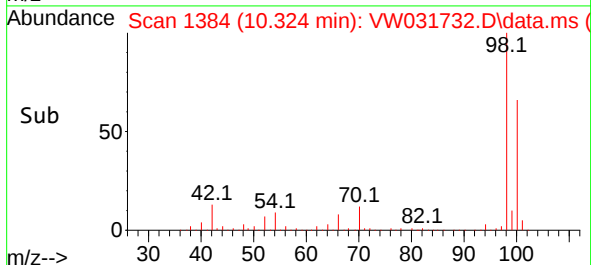
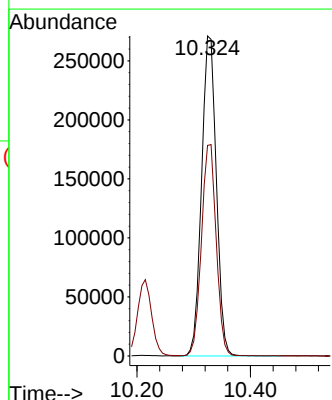
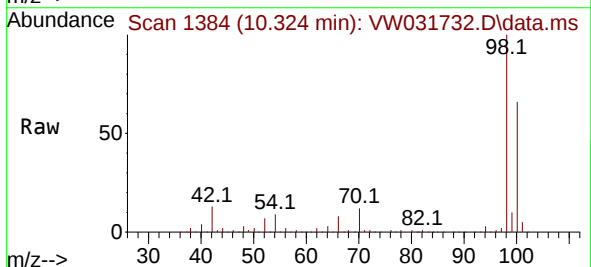
Acq: 30 Jun 2025 11:21

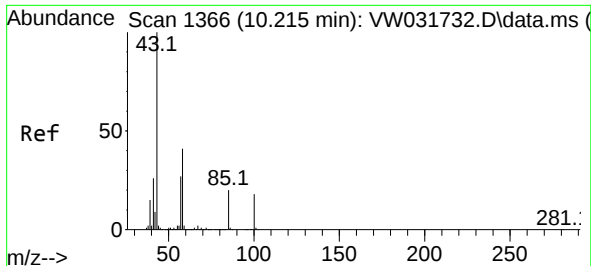
Tgt Ion: 98 Resp: 489286

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

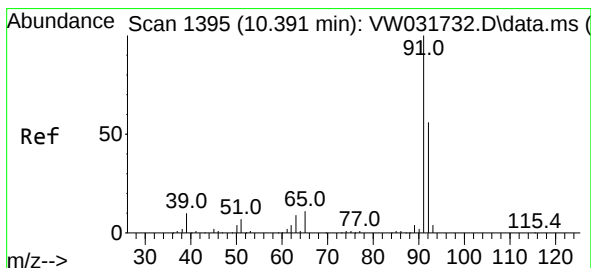
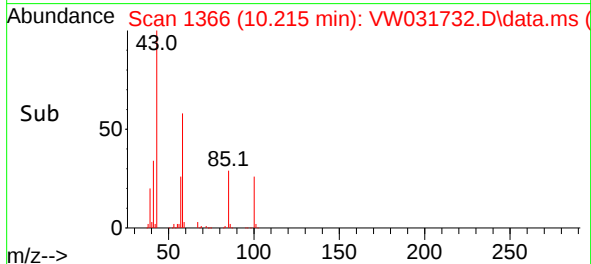
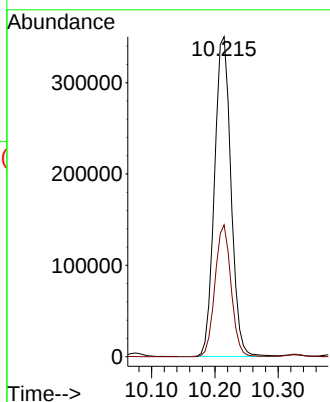
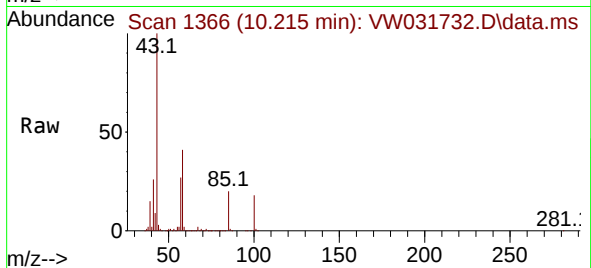




#51
4-Methyl-2-Pentanone
Concen: 264.876 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

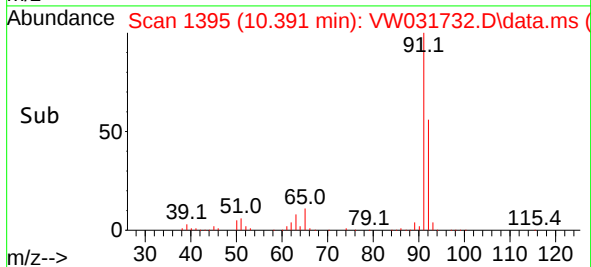
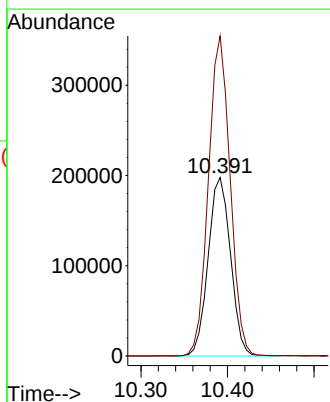
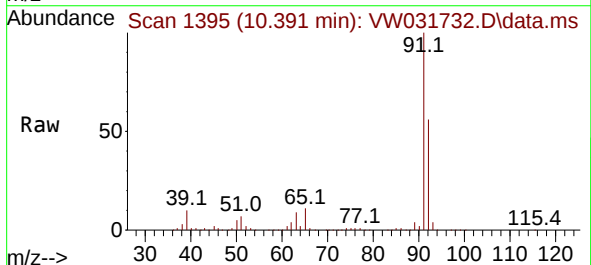
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

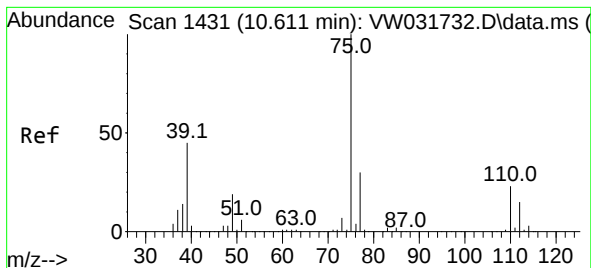
Tgt Ion: 43 Resp: 633101
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 48.965 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 92 Resp: 354627
Ion Ratio Lower Upper
92 100
91 174.4 139.5 209.3

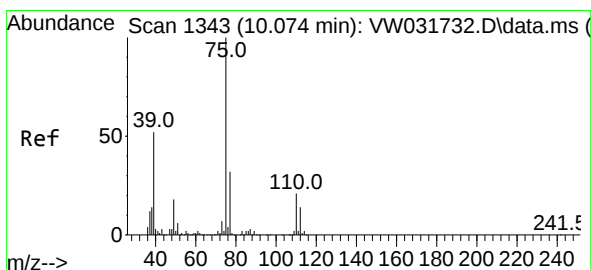
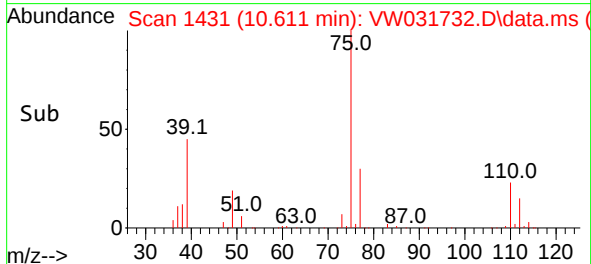
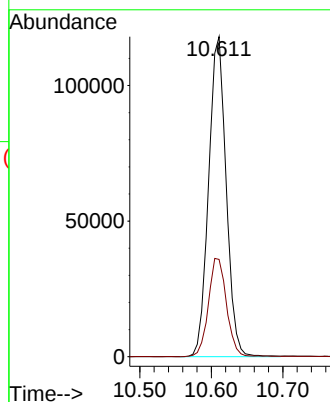
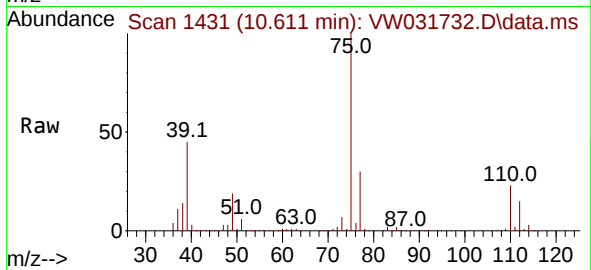




#53
 t-1,3-Dichloropropene
 Concen: 51.763 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

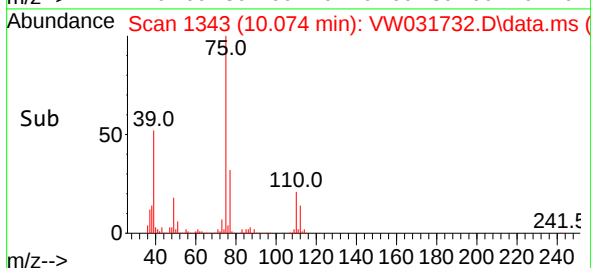
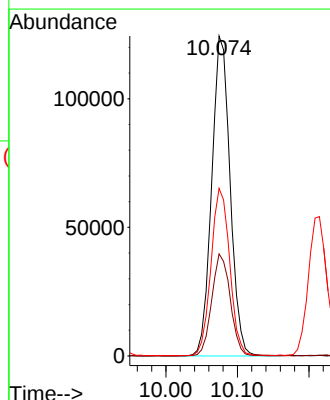
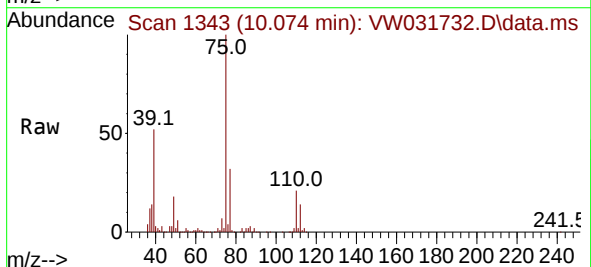
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

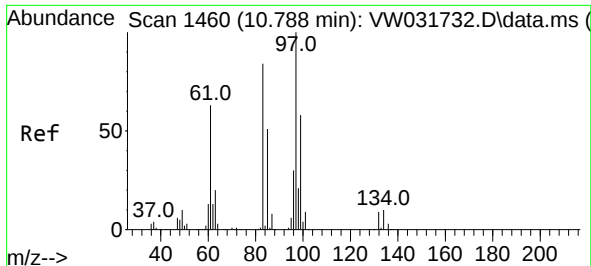
Tgt Ion: 75 Resp: 201014
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.493 ug/l
 RT: 10.074 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

Tgt Ion: 75 Resp: 222288
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 52.2 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 49.991 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 115580

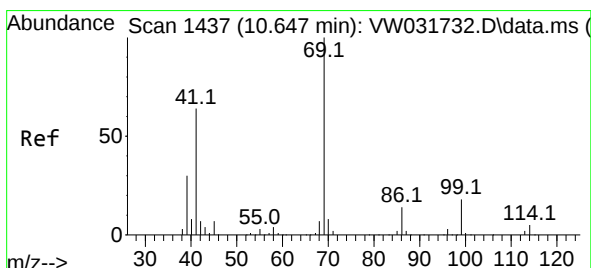
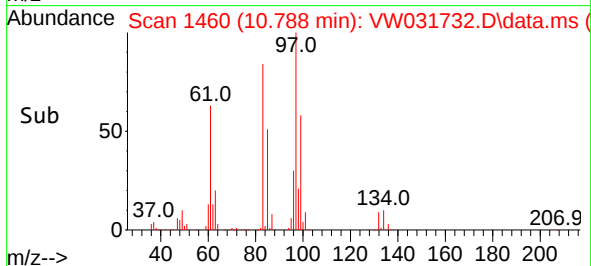
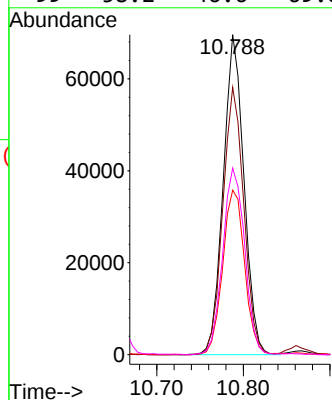
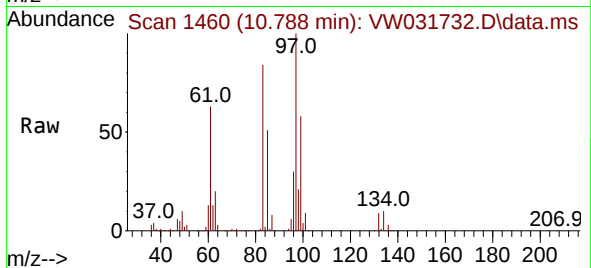
Ion Ratio Lower Upper

97 100

83 83.6 66.9 100.3

85 51.4 41.1 61.7

99 58.2 46.6 69.8



#56

Ethyl methacrylate

Concen: 52.971 ug/l

RT: 10.647 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

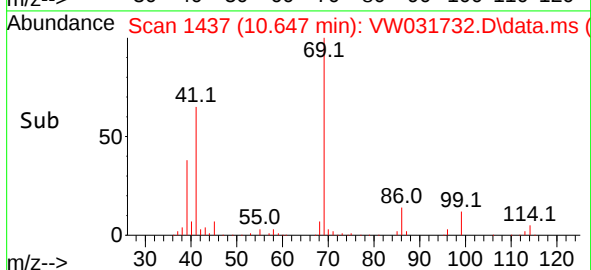
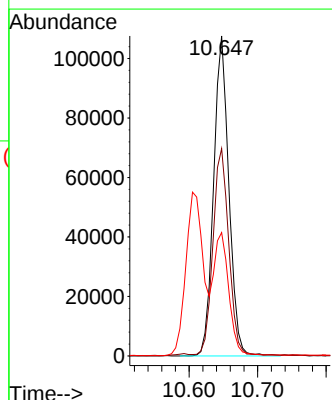
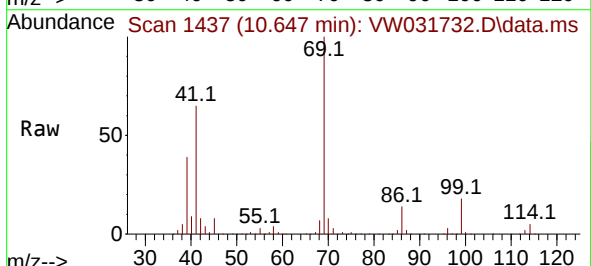
Tgt Ion: 69 Resp: 166152

Ion Ratio Lower Upper

69 100

41 66.6 53.3 79.9

39 37.7 30.2 45.2





#57

1,3-Dichloropropane

Concen: 49.013 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

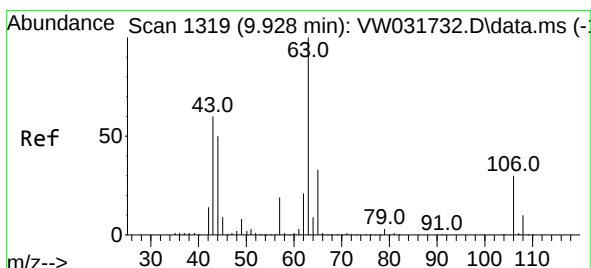
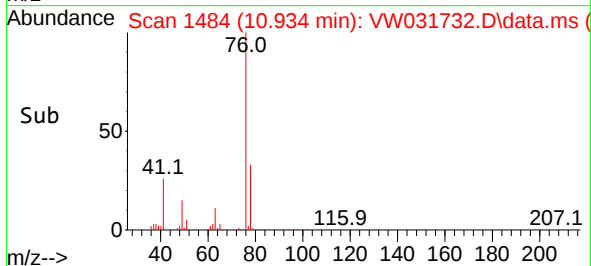
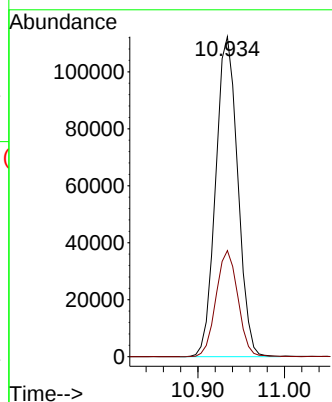
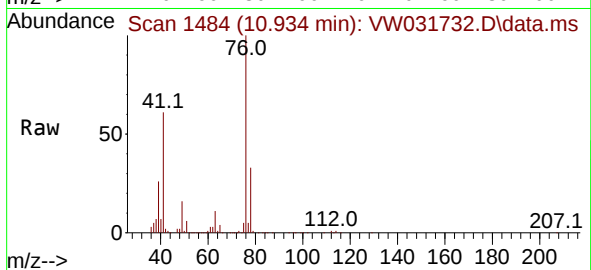
VSTDICCC050

Tgt Ion: 76 Resp: 198954

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 263.272 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031732.D

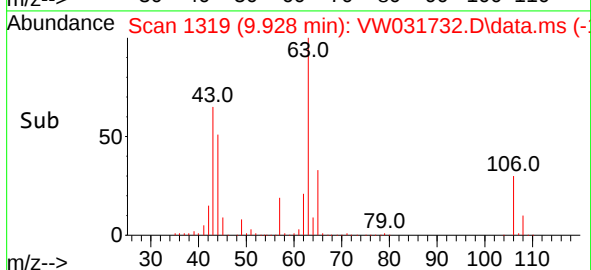
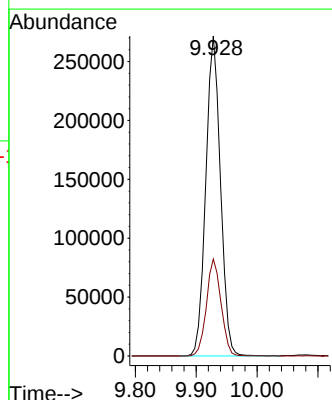
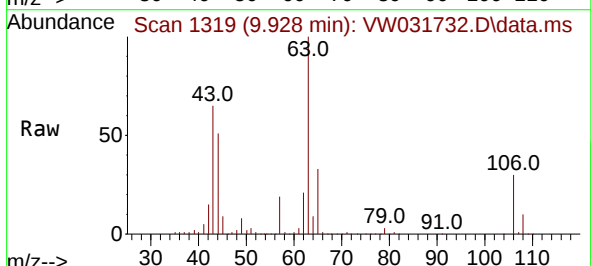
Acq: 30 Jun 2025 11:21

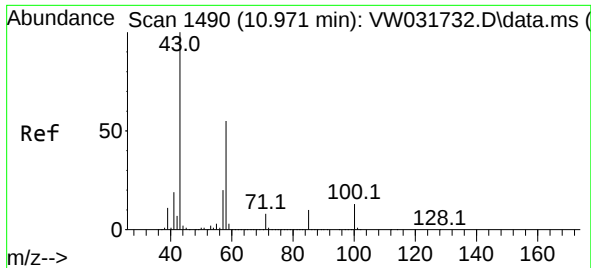
Tgt Ion: 63 Resp: 454721

Ion Ratio Lower Upper

63 100

106 30.1 24.1 36.1

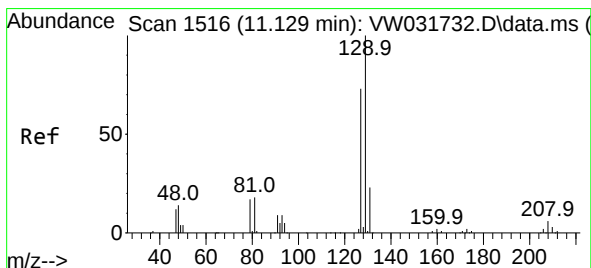
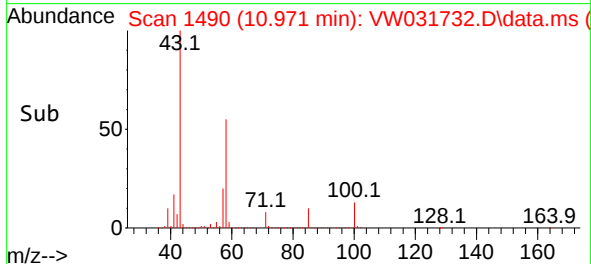
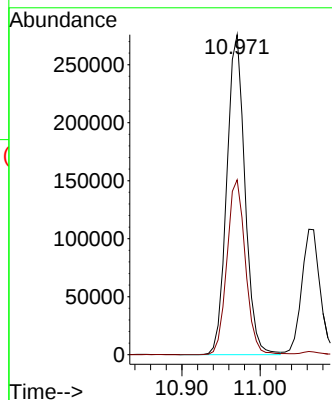
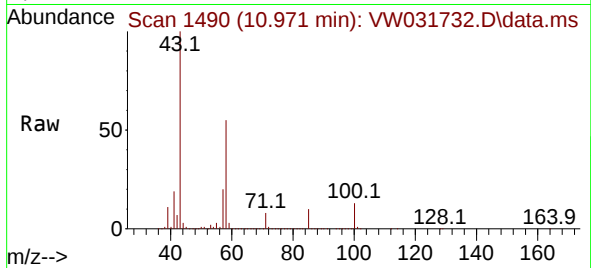




#59
2-Hexanone
Concen: 274.219 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

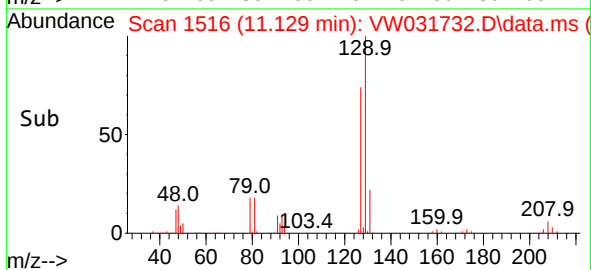
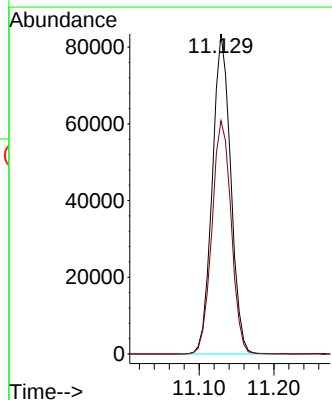
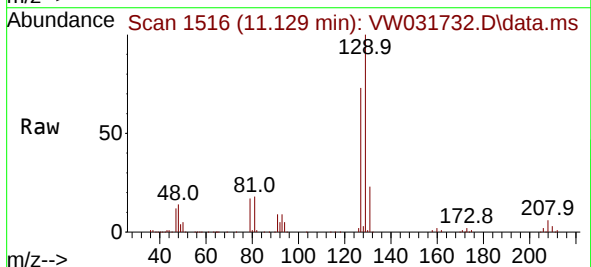
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

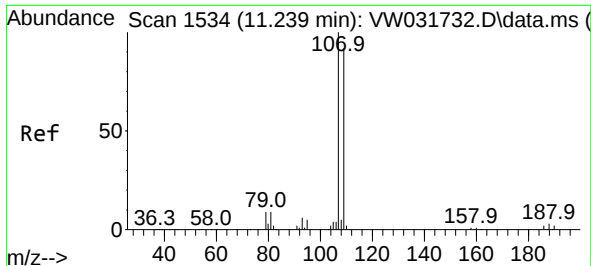
Tgt Ion: 43 Resp: 444148
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 51.621 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion:129 Resp: 142721
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1

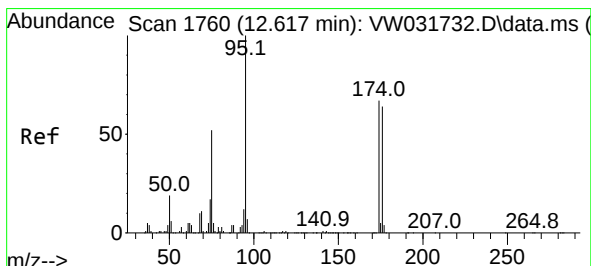
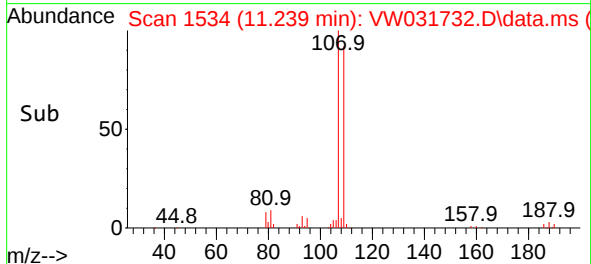
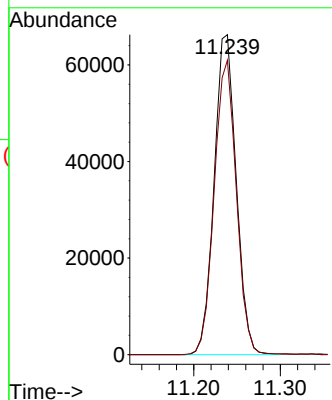
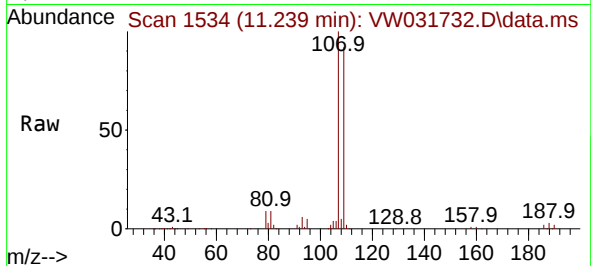




#61
1,2-Dibromoethane
Concen: 50.674 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

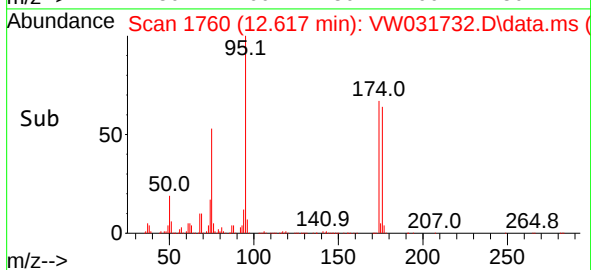
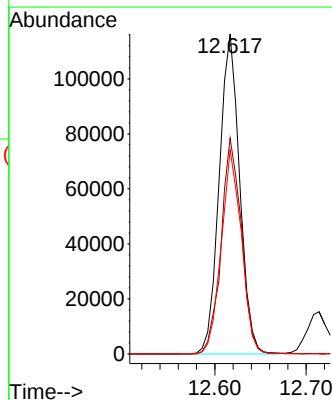
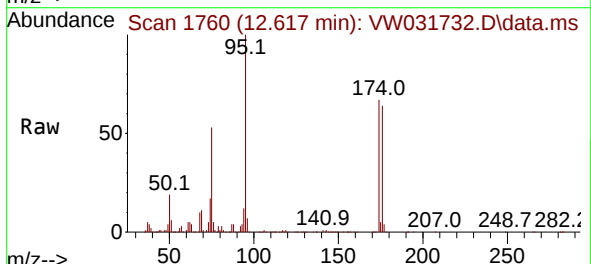
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

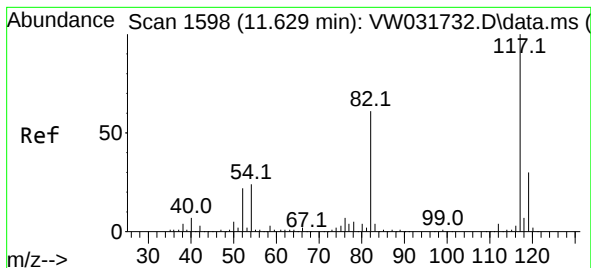
Tgt Ion:107 Resp: 117287
Ion Ratio Lower Upper
107 100
109 92.4 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 49.986 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 95 Resp: 180870
Ion Ratio Lower Upper
95 100
174 66.9 0.0 133.8
176 63.0 0.0 126.0

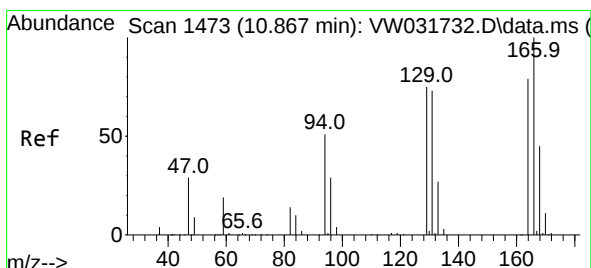
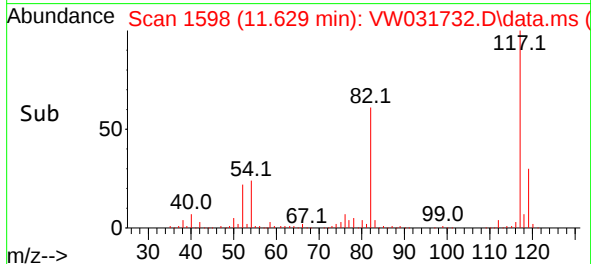
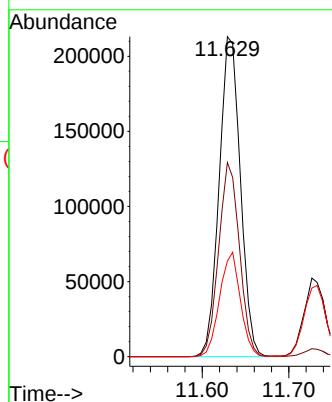
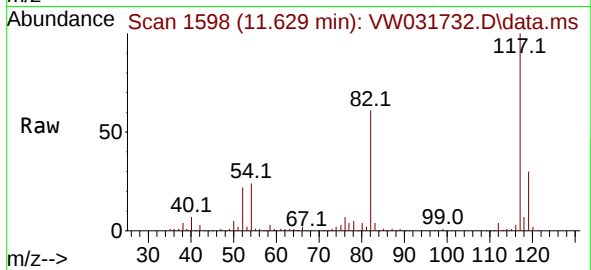




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

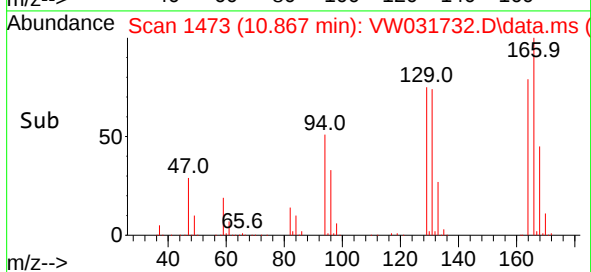
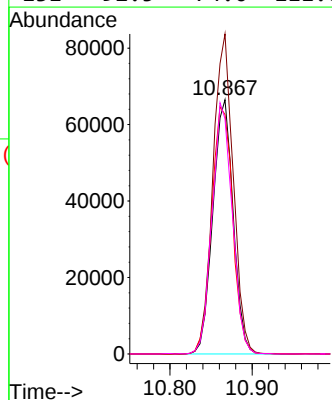
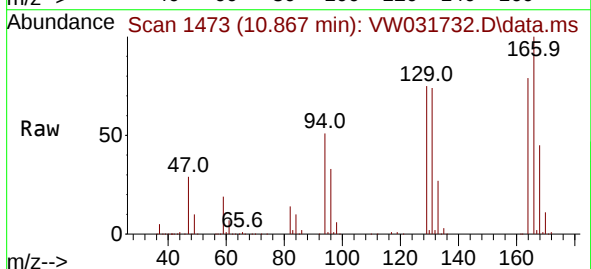
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

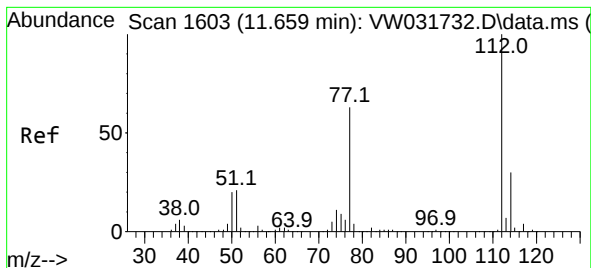
Tgt Ion:117 Resp: 363615
Ion Ratio Lower Upper
117 100
82 60.7 48.6 72.8
119 29.9 23.9 35.9



#64
Tetrachloroethene
Concen: 47.928 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion:164 Resp: 113995
Ion Ratio Lower Upper
164 100
166 125.9 100.7 151.1
129 94.2 75.4 113.0
131 92.5 74.0 111.0

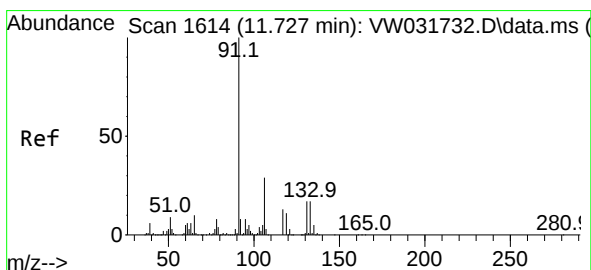
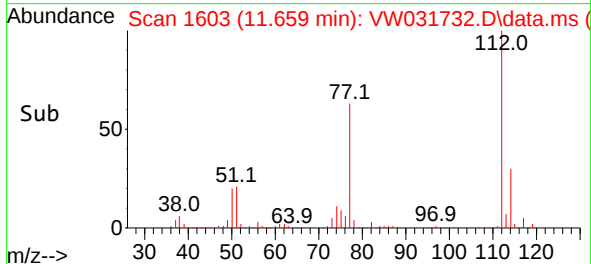
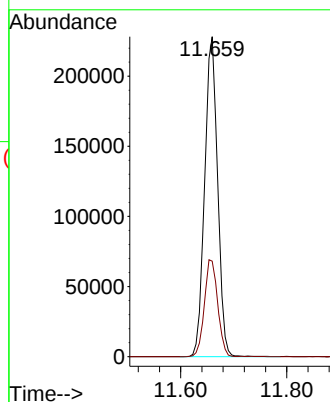
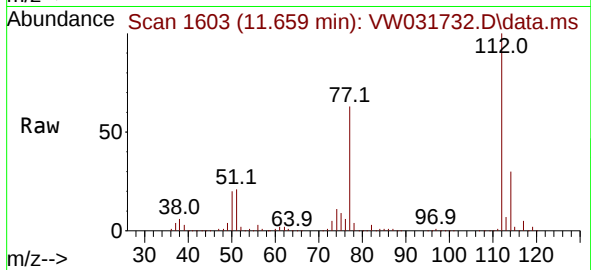




#65
Chlorobenzene
Concen: 48.141 ug/l
RT: 11.659 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

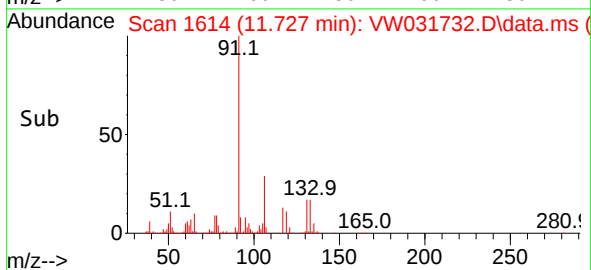
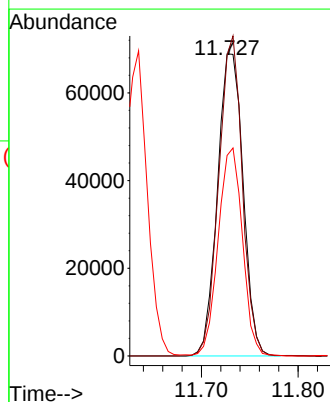
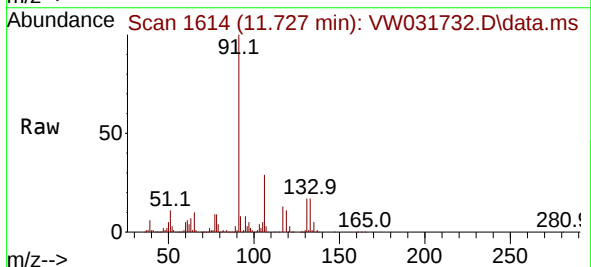
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

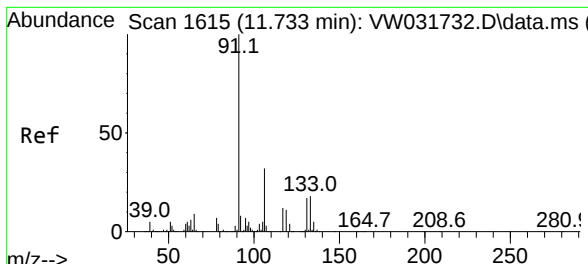
Tgt Ion:112 Resp: 386218
Ion Ratio Lower Upper
112 100
114 29.8 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.734 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion:131 Resp: 127147
Ion Ratio Lower Upper
131 100
133 97.1 48.5 145.6
119 65.0 32.5 97.5



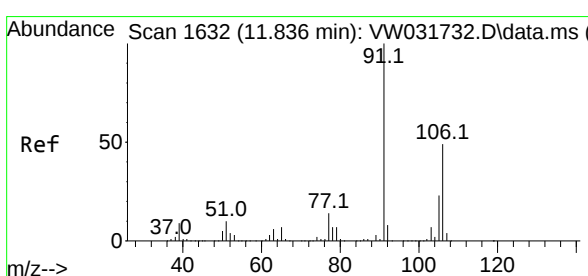
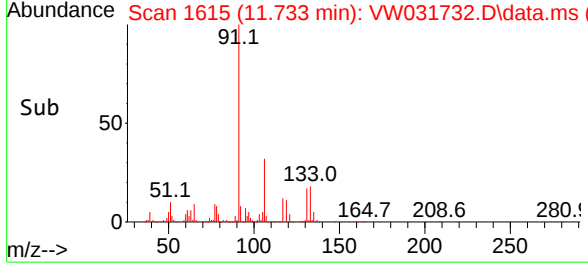
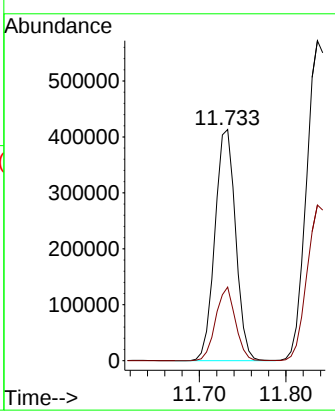
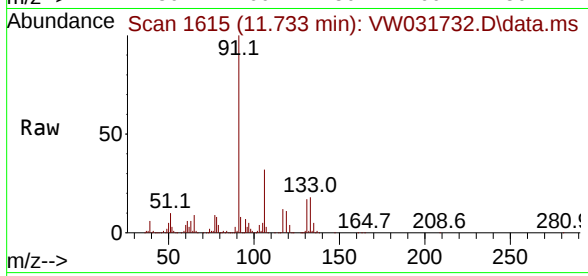


#67
Ethyl Benzene
Concen: 49.266 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 685367

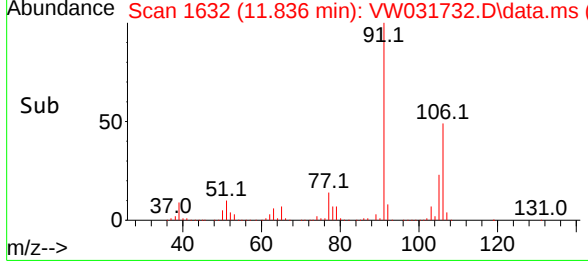
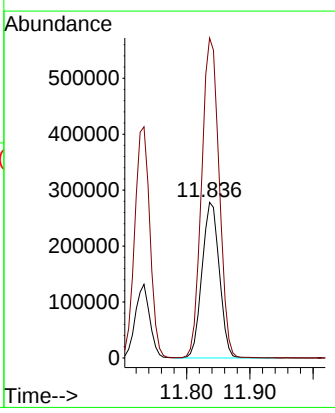
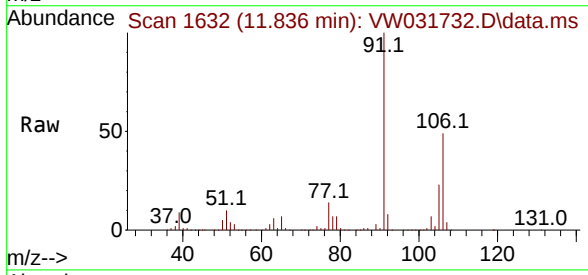
Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.4	38.2

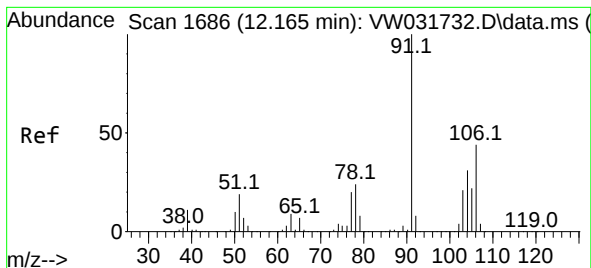


#68
m/p-Xylenes
Concen: 98.914 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 106 Resp: 528971

Ion	Ratio	Lower	Upper
106	100		
91	208.0	166.4	249.6

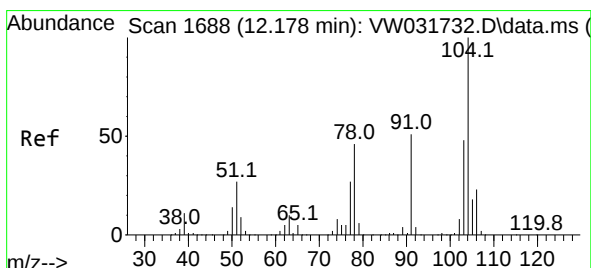
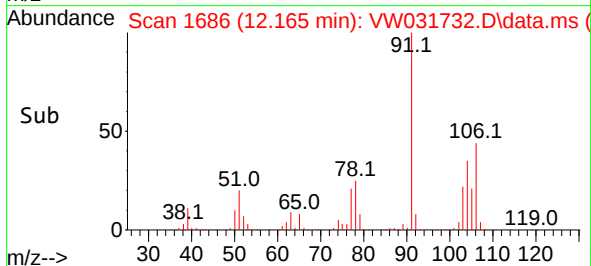
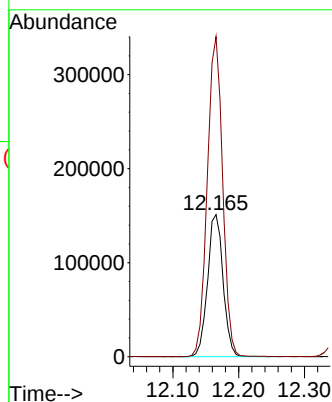
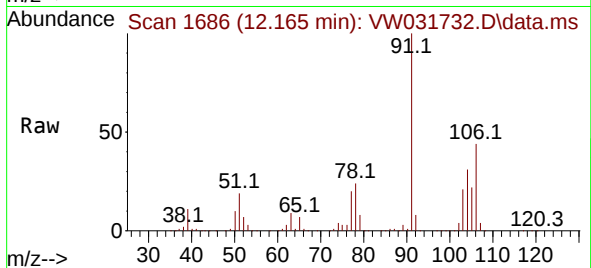




#69
o-Xylene
Concen: 50.054 ug/l
RT: 12.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

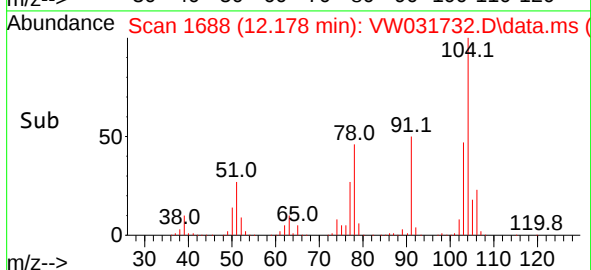
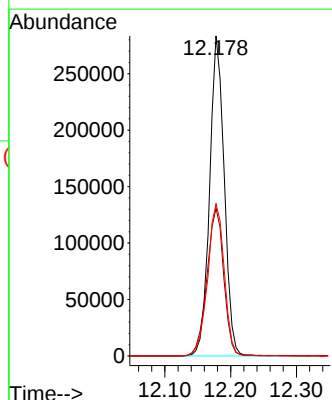
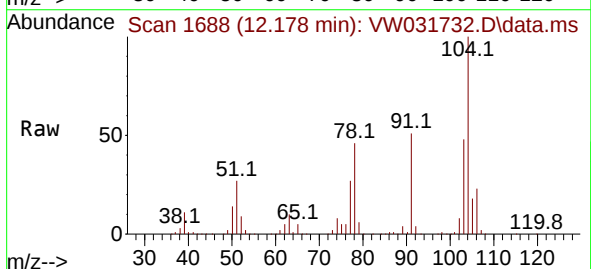
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 247840
Ion Ratio Lower Upper
106 100
91 222.9 111.5 334.4



#70
Styrene
Concen: 51.360 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion:104 Resp: 439641
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 53.8 43.0 64.6





#71

Bromoform

Concen: 52.095 ug/l

RT: 12.348 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

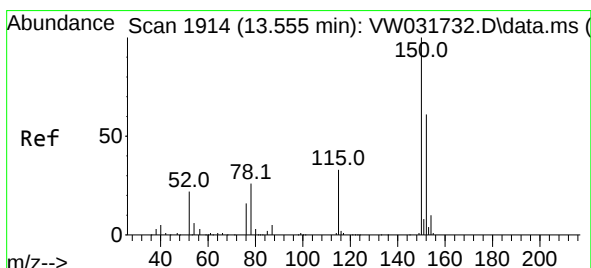
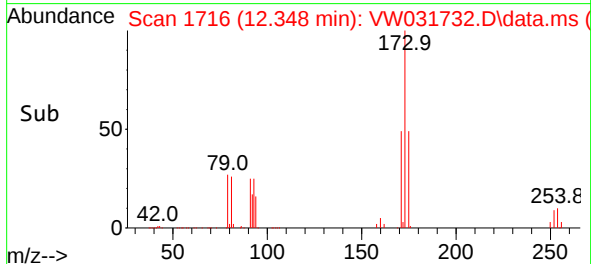
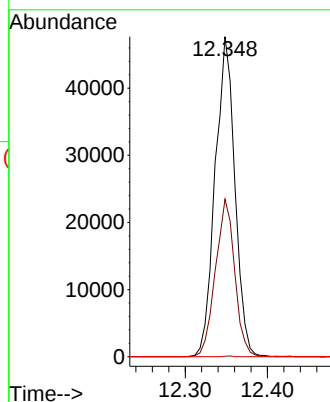
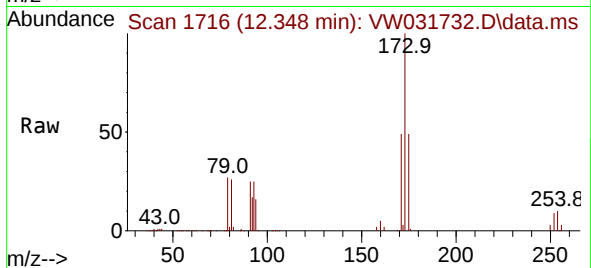
Tgt Ion:173 Resp: 79452

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

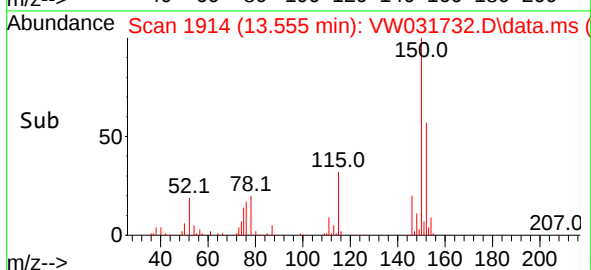
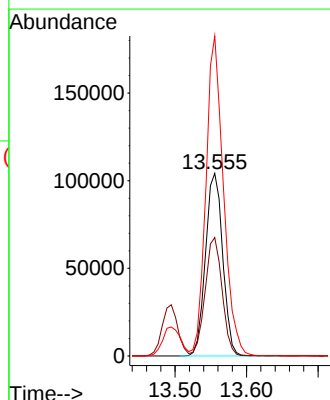
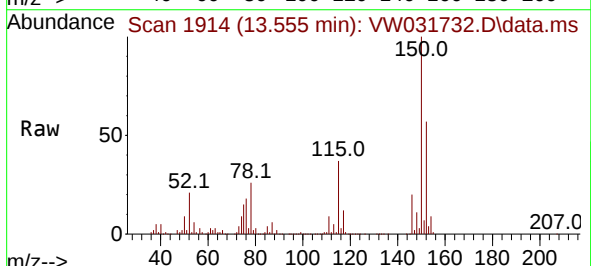
Tgt Ion:152 Resp: 174347

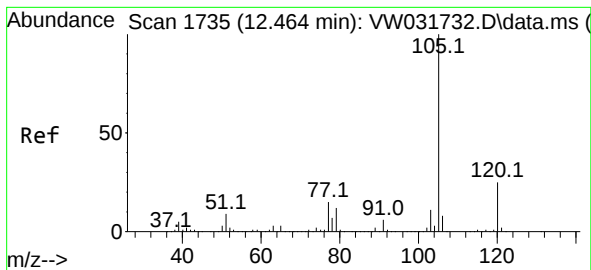
Ion Ratio Lower Upper

152 100

115 63.8 31.9 95.7

150 178.2 0.0 356.4





#73

Isopropylbenzene

Concen: 49.059 ug/l

RT: 12.464 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

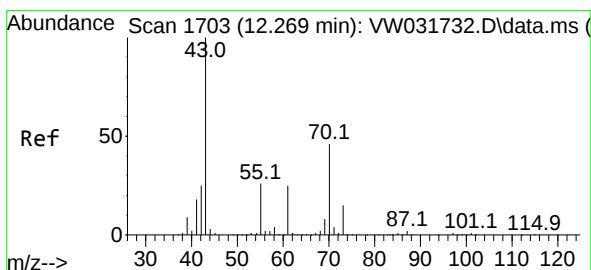
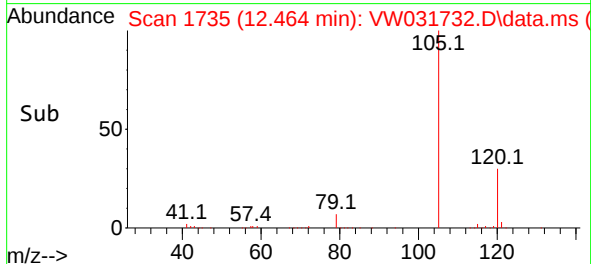
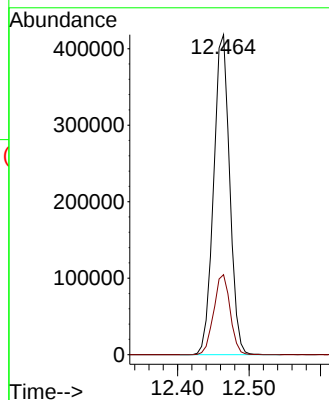
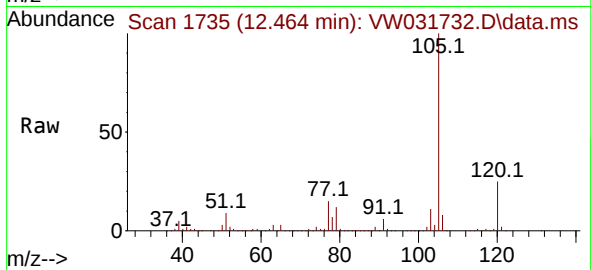
VSTDICCC050

Tgt Ion:105 Resp: 650607

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



#74

N-ethyl acetate

Concen: 52.024 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Tgt Ion: 43 Resp: 185960

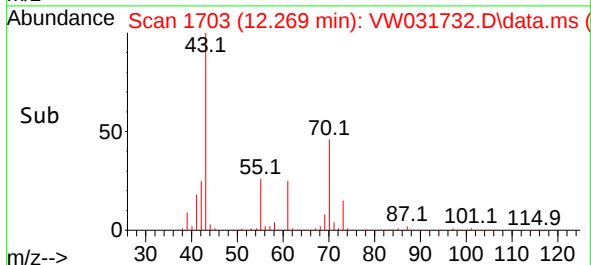
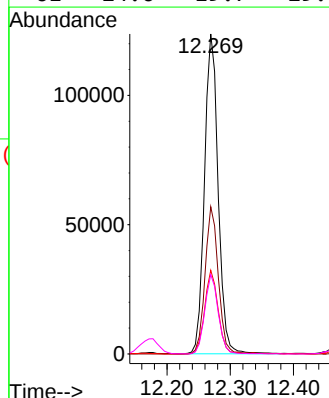
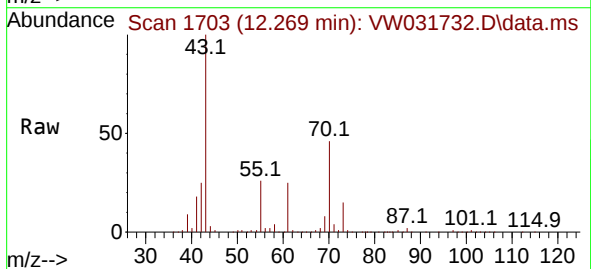
Ion Ratio Lower Upper

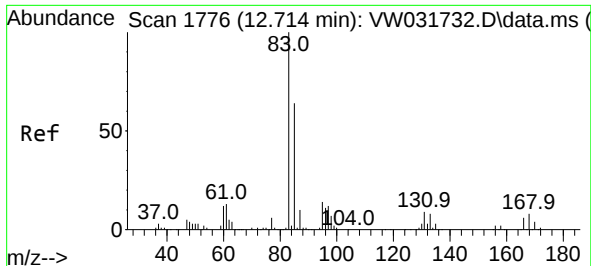
43 100

70 45.0 36.0 54.0

55 26.0 20.8 31.2

61 24.6 19.7 29.5

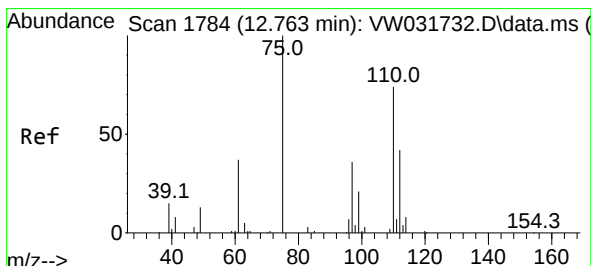
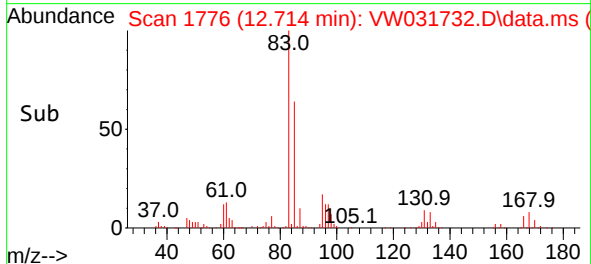
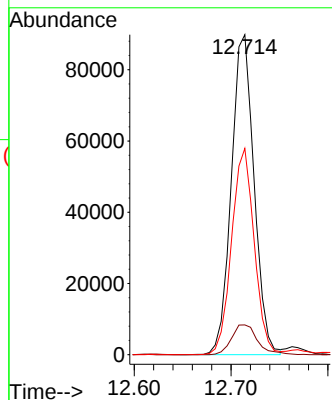
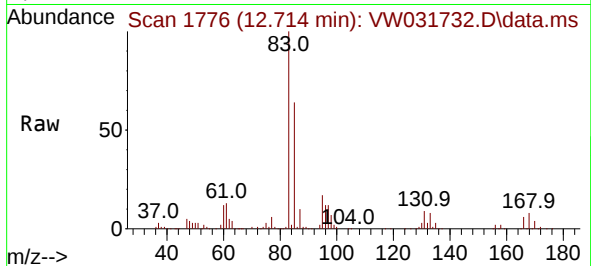




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.936 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

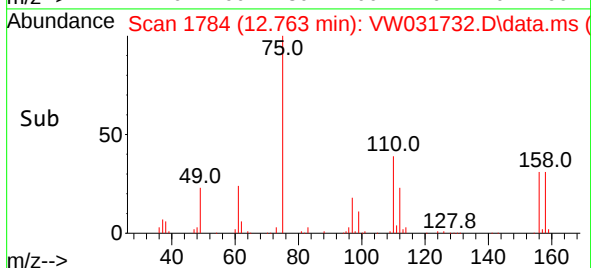
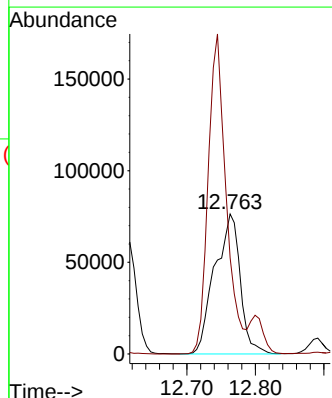
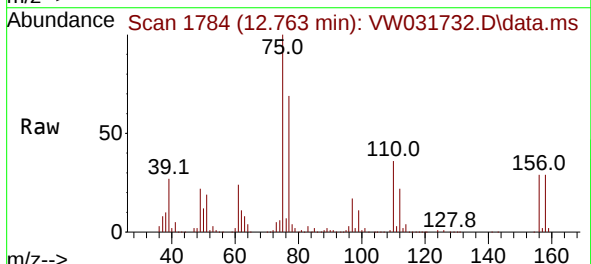
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

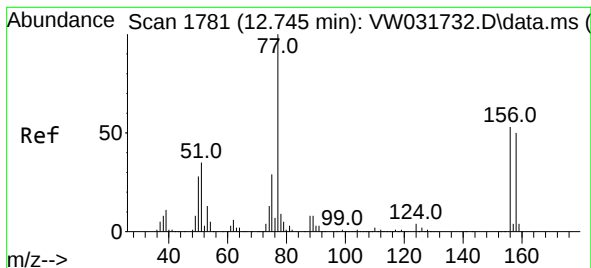
Tgt Ion: 83 Resp: 147025
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 64.1 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 87.371 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW031732.D
 Acq: 30 Jun 2025 11:21

Tgt Ion: 75 Resp: 196851
 Ion Ratio Lower Upper
 75 100
 77 163.2 141.2 423.6





#77

Bromobenzene

Concen: 46.062 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

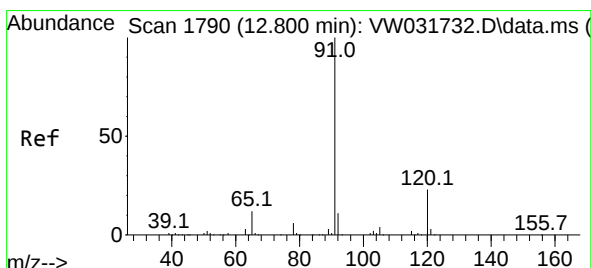
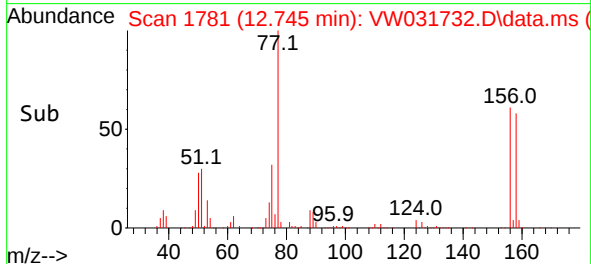
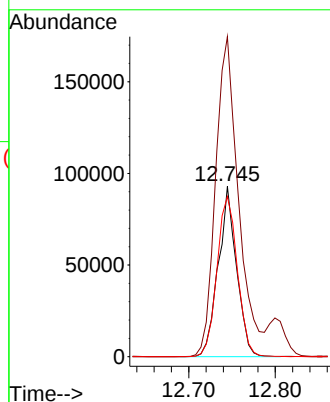
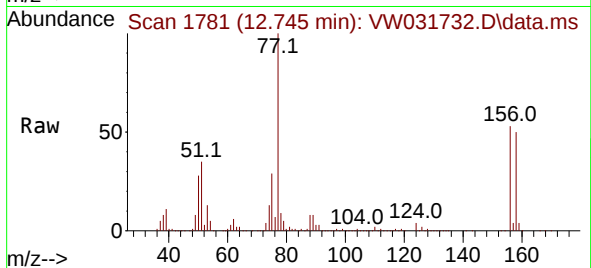
Tgt Ion:156 Resp: 136242

Ion Ratio Lower Upper

156 100

77 235.8 117.9 353.7

158 105.2 52.6 157.8



#78

n-propylbenzene

Concen: 48.998 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031732.D

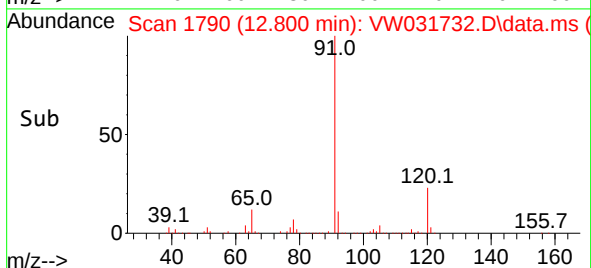
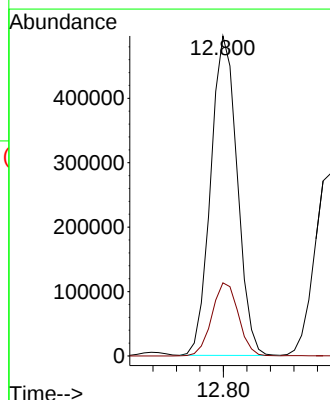
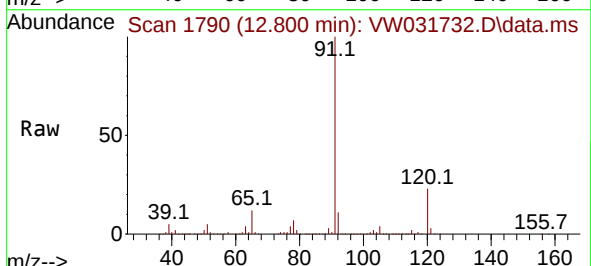
Acq: 30 Jun 2025 11:21

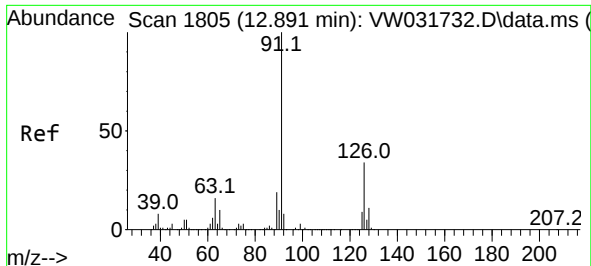
Tgt Ion: 91 Resp: 778125

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

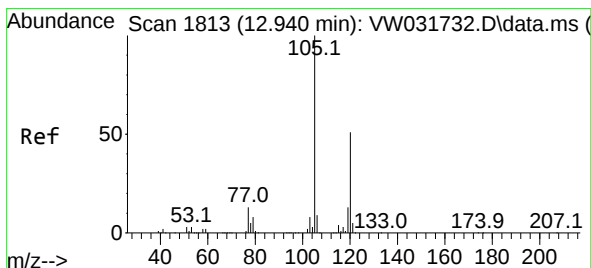
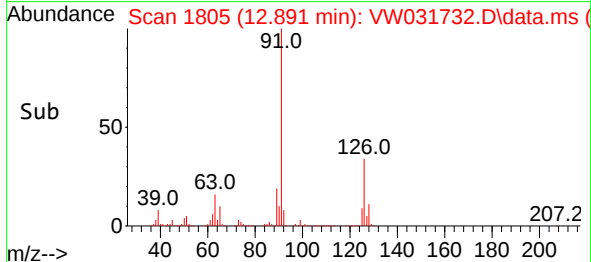
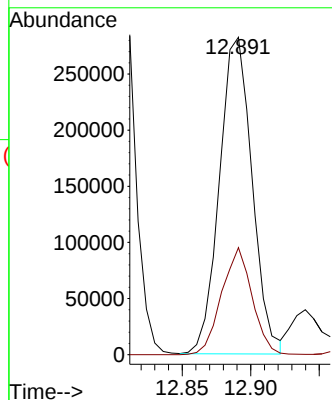
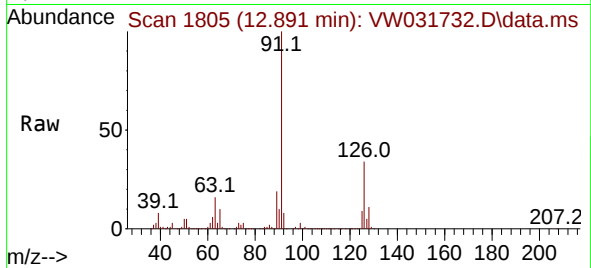




#79
2-Chlorotoluene
Concen: 48.939 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

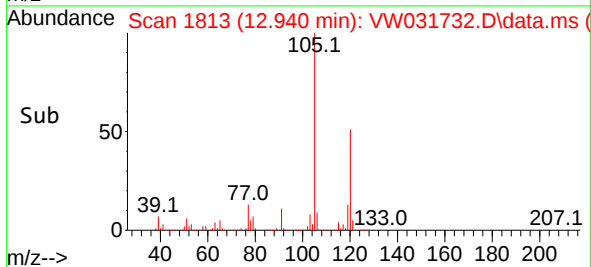
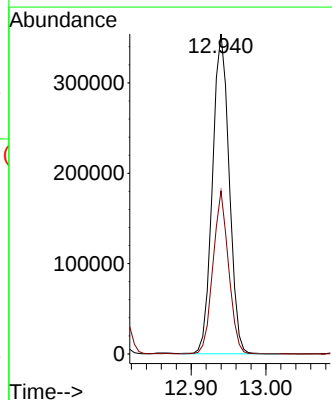
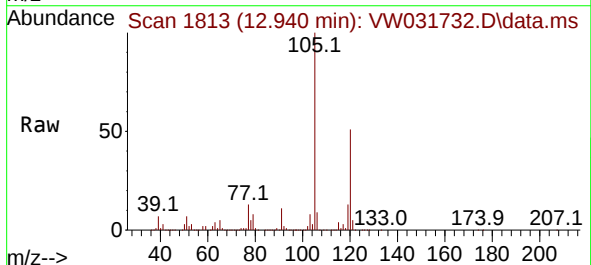
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

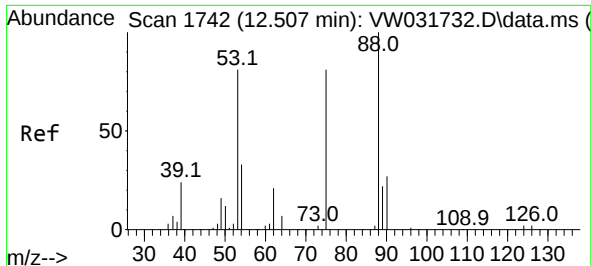
Tgt Ion: 91 Resp: 468001
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 50.102 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 105 Resp: 549993
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.2

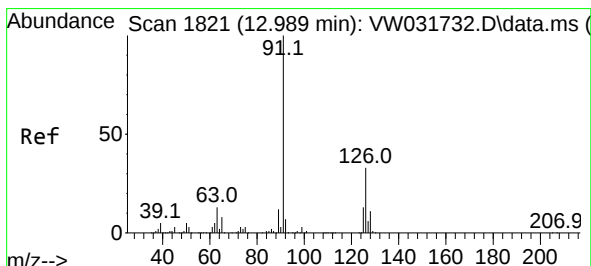
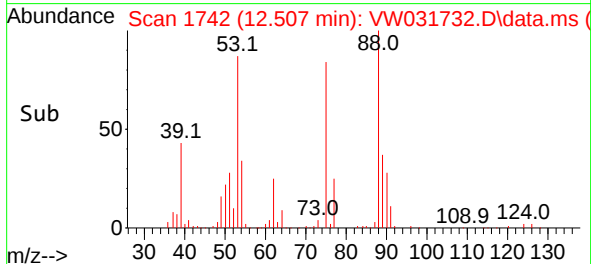
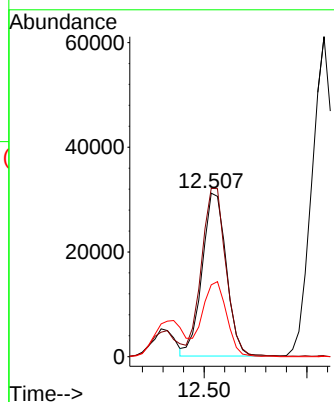
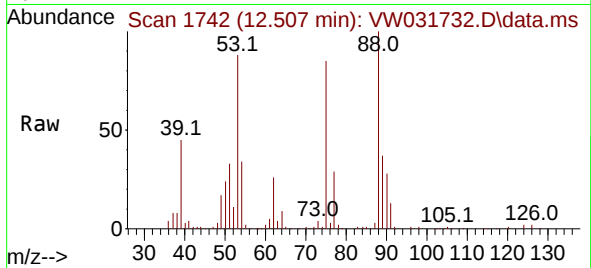




#81
trans-1,4-Dichloro-2-butene
Concen: 52.485 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

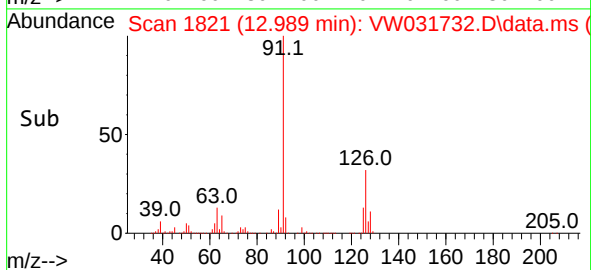
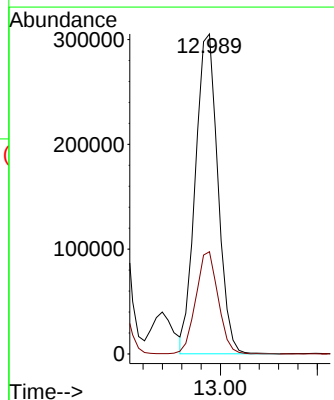
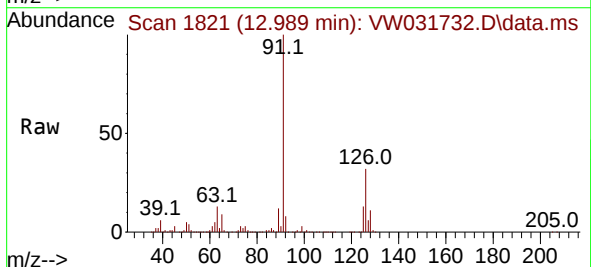
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

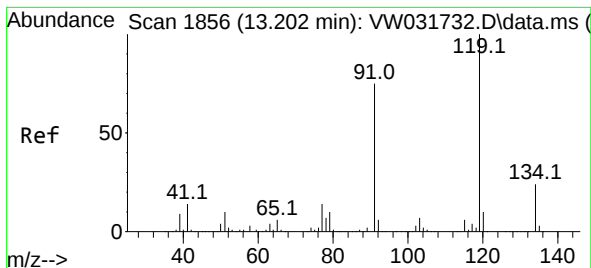
Tgt Ion: 75 Resp: 50770
Ion Ratio Lower Upper
75 100
53 104.4 83.5 125.3
89 47.9 38.3 57.5



#82
4-Chlorotoluene
Concen: 49.008 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031732.D
Acq: 30 Jun 2025 11:21

Tgt Ion: 91 Resp: 492034
Ion Ratio Lower Upper
91 100
126 31.9 16.0 47.9





#83

tert-Butylbenzene

Concen: 48.454 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

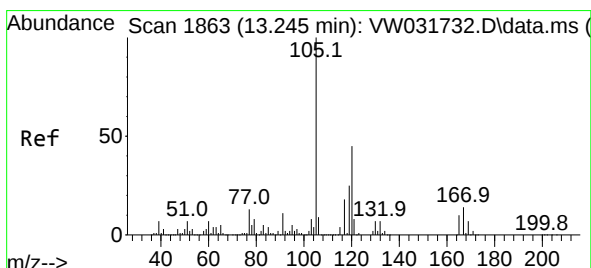
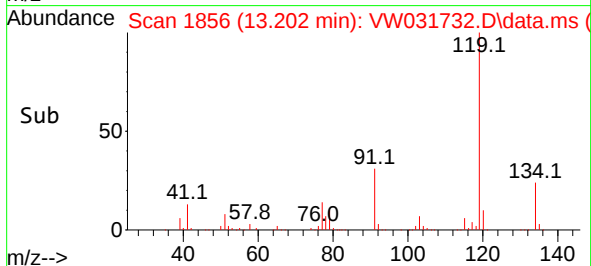
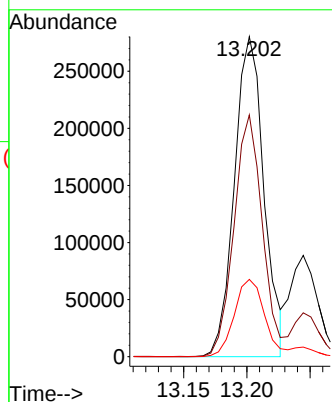
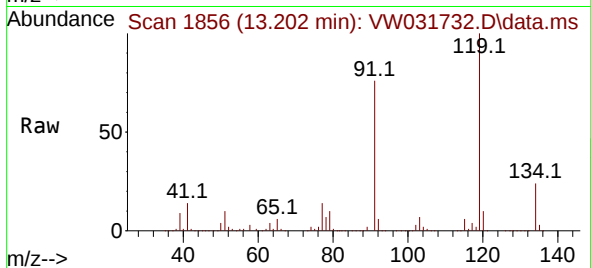
Tgt Ion:119 Resp: 455621

Ion Ratio Lower Upper

119 100

91 72.1 36.0 108.1

134 24.8 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 48.943 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031732.D

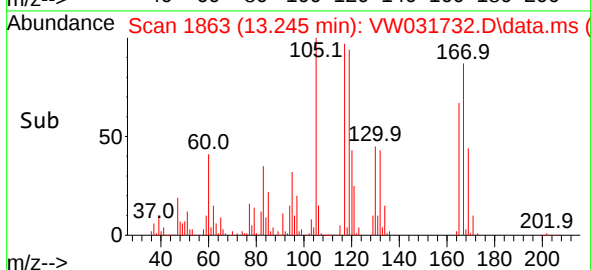
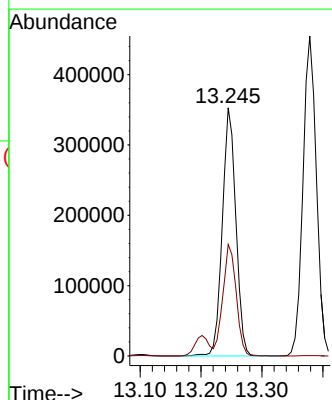
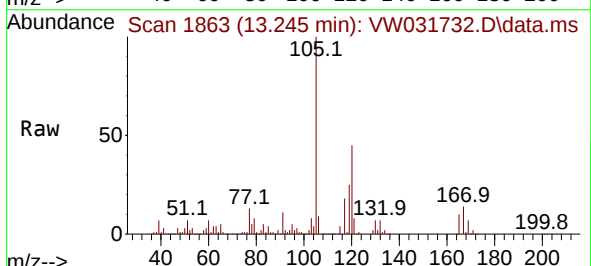
Acq: 30 Jun 2025 11:21

Tgt Ion:105 Resp: 544366

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.251 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

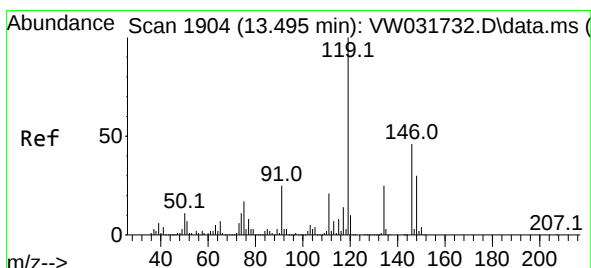
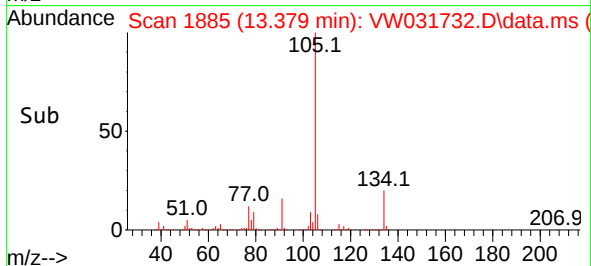
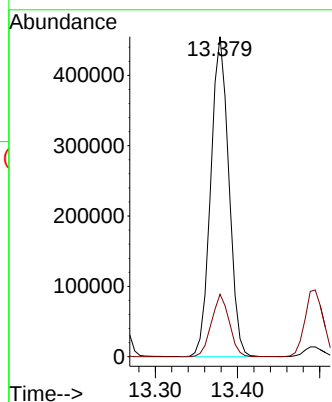
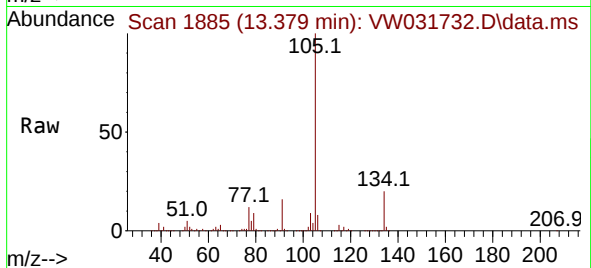
VSTDICCC050

Tgt Ion:105 Resp: 695122

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.8



#86

p-Isopropyltoluene

Concen: 49.088 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

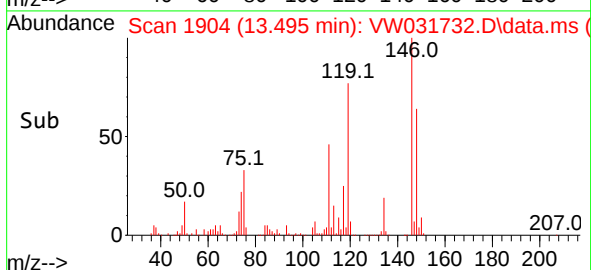
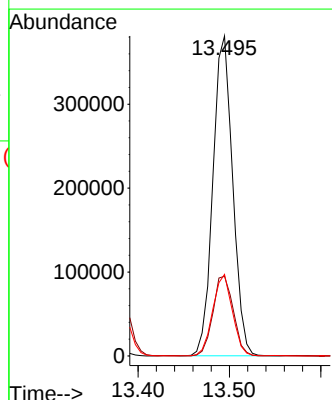
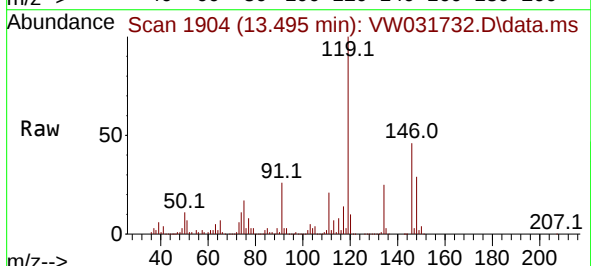
Tgt Ion:119 Resp: 570989

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 48.328 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

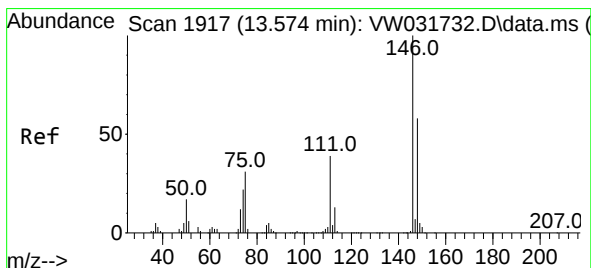
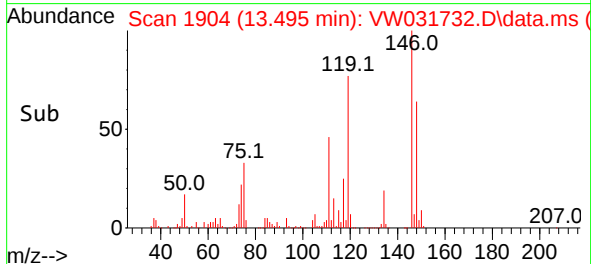
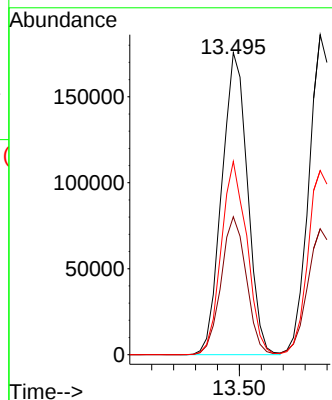
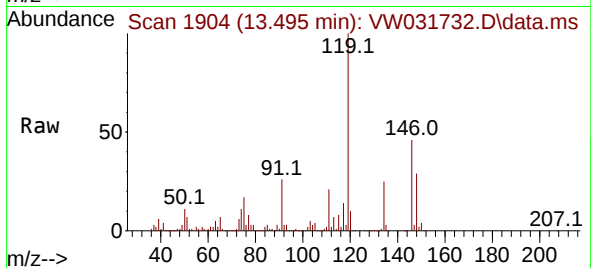
Tgt Ion:146 Resp: 286670

Ion Ratio Lower Upper

146 100

111 44.6 22.3 66.9

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.863 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

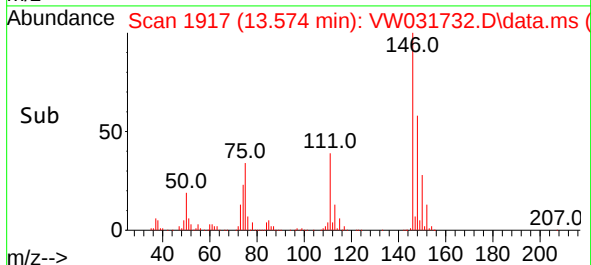
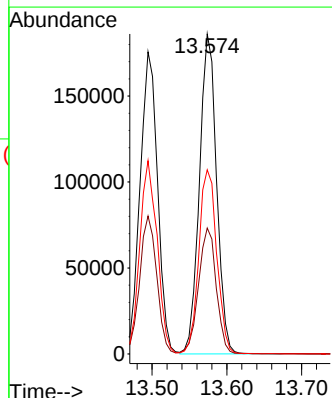
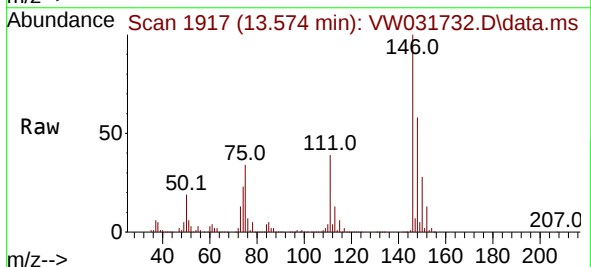
Tgt Ion:146 Resp: 296666

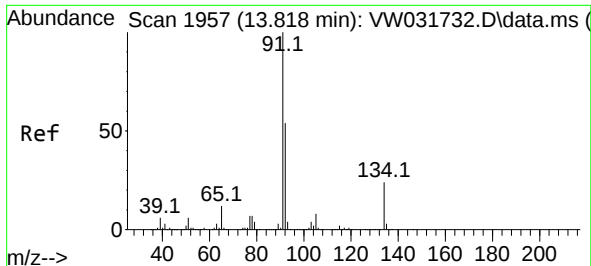
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 60.4 30.2 90.6





#89

n-Butylbenzene

Concen: 49.002 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

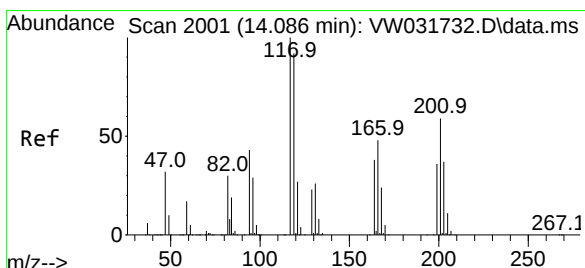
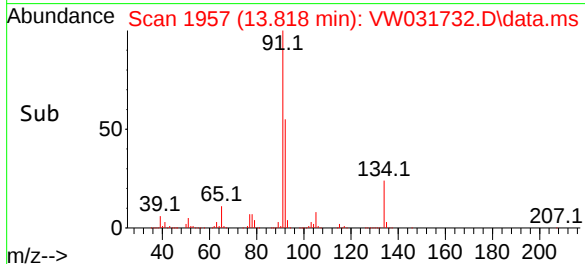
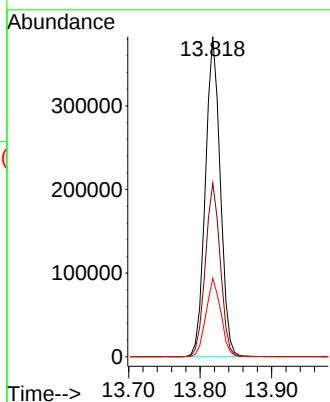
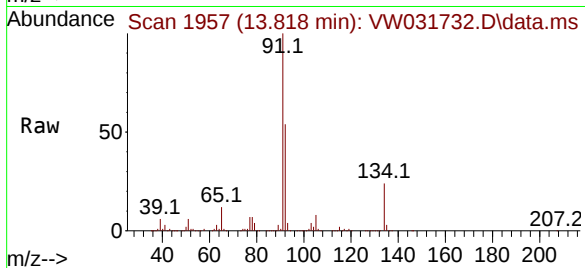
Tgt Ion: 91 Resp: 553799

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.5

134 24.4 12.2 36.6



#90

Hexachloroethane

Concen: 49.175 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031732.D

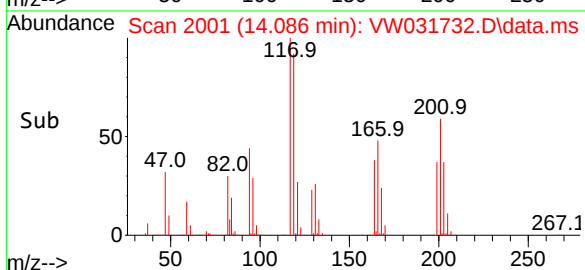
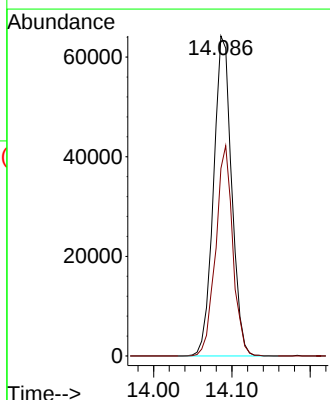
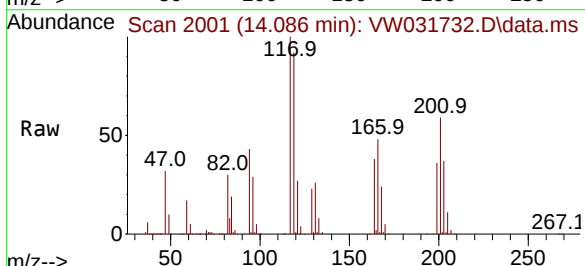
Acq: 30 Jun 2025 11:21

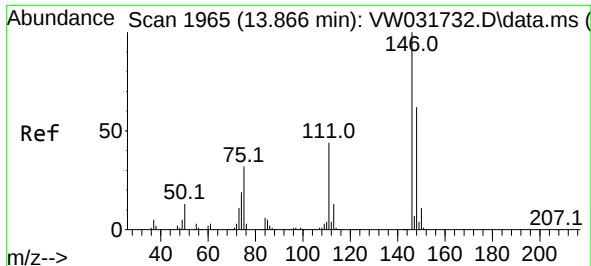
Tgt Ion: 117 Resp: 103194

Ion Ratio Lower Upper

117 100

201 62.2 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 50.650 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

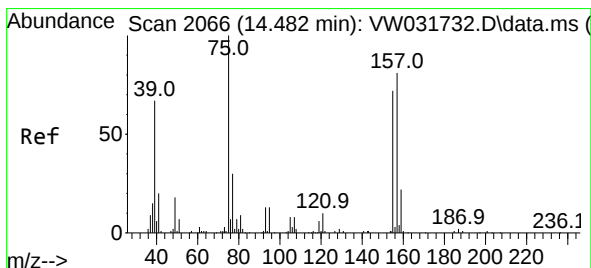
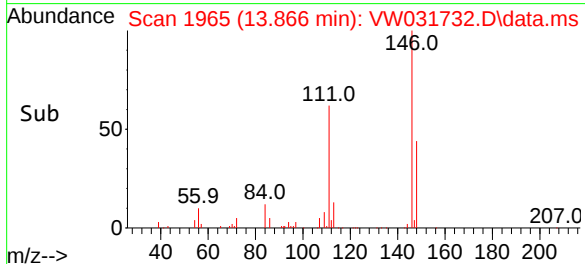
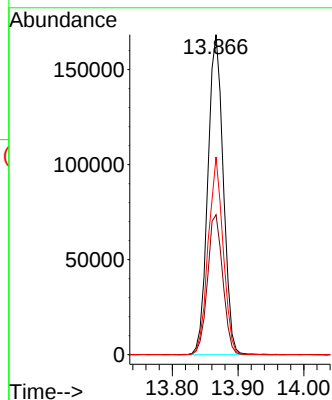
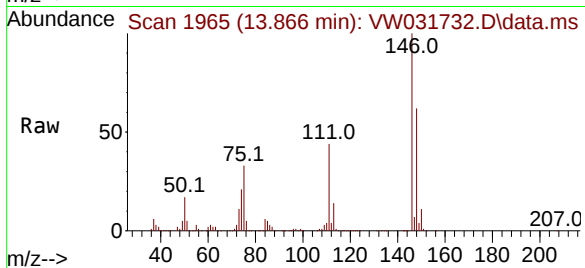
Tgt Ion:146 Resp: 274605

Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

148 59.7 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.476 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

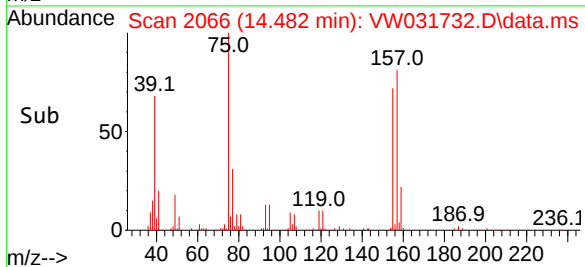
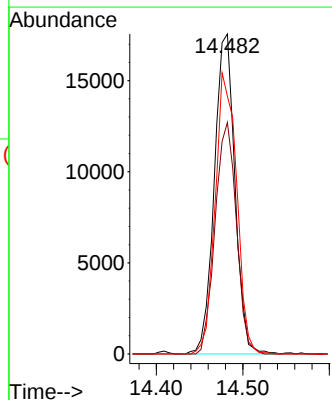
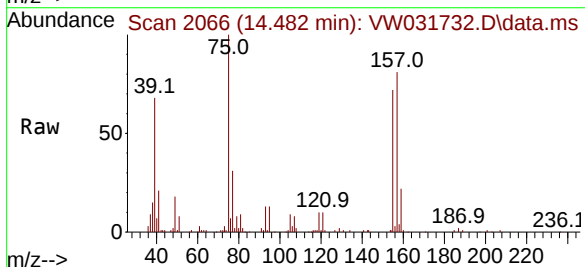
Tgt Ion: 75 Resp: 29018

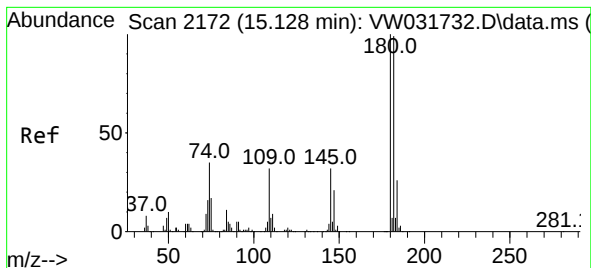
Ion Ratio Lower Upper

75 100

155 74.4 37.2 111.6

157 91.3 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 48.652 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

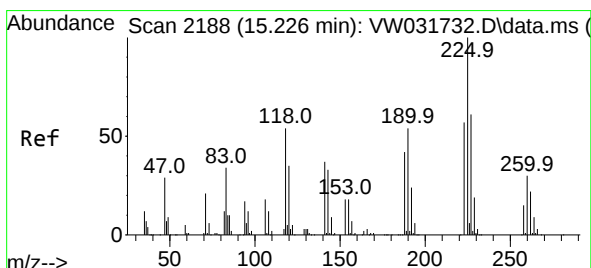
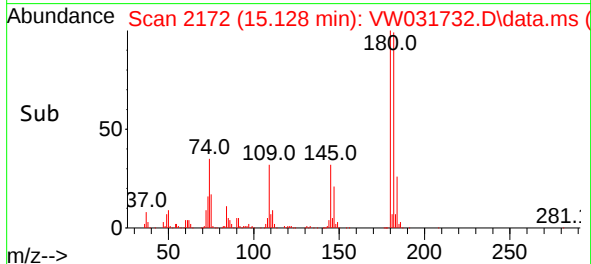
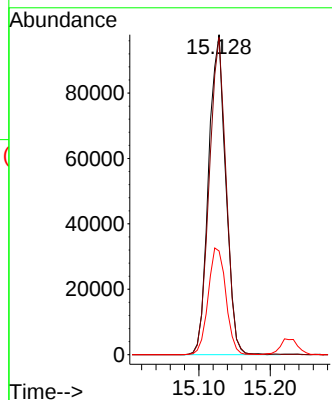
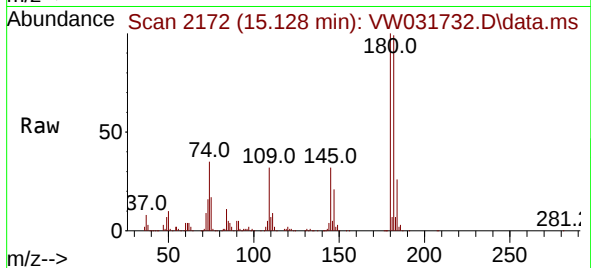
Tgt Ion:180 Resp: 162674

Ion Ratio Lower Upper

180 100

182 97.3 48.6 145.9

145 34.5 17.3 51.7



#94

Hexachlorobutadiene

Concen: 44.742 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

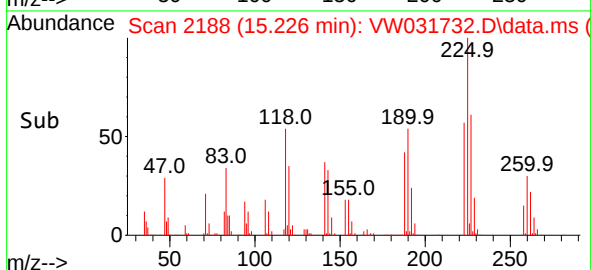
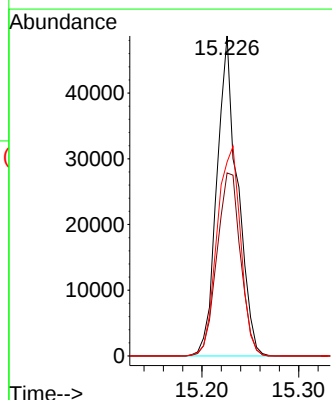
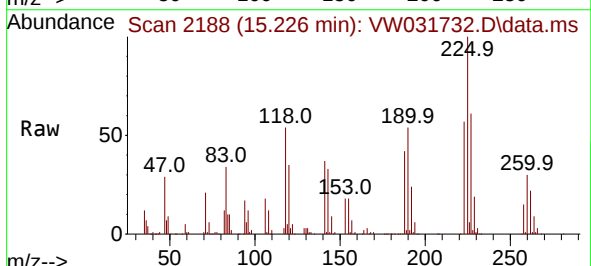
Tgt Ion:225 Resp: 72238

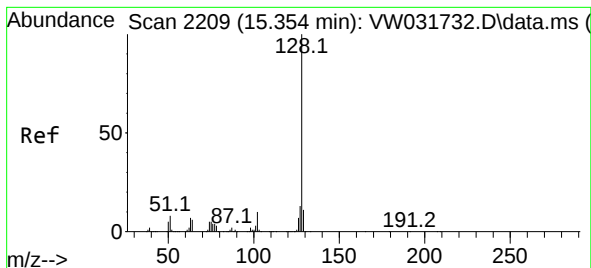
Ion Ratio Lower Upper

225 100

223 65.2 32.6 97.8

227 74.5 37.3 111.8





#95

Naphthalene

Concen: 50.938 ug/l

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

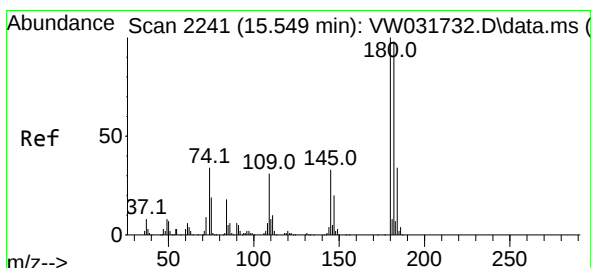
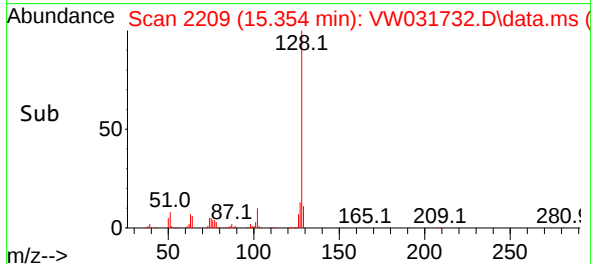
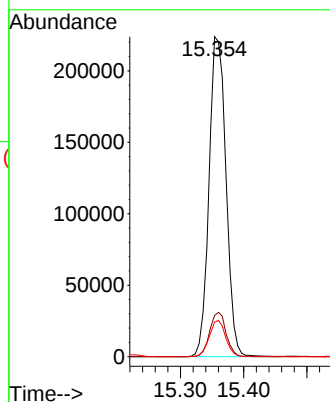
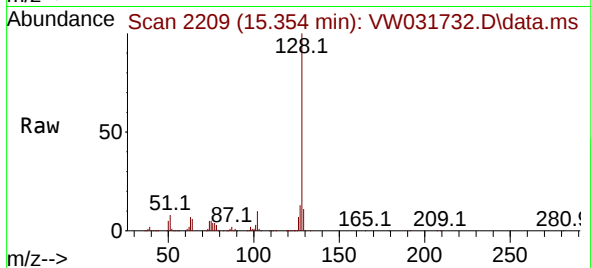
Tgt Ion:128 Resp: 417556

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.893 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031732.D

Acq: 30 Jun 2025 11:21

Tgt Ion:180 Resp: 150212

Ion Ratio Lower Upper

180 100

182 92.7 46.4 139.1

145 35.5 17.8 53.3

