

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031736.D
 Acq On : 30 Jun 2025 15:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 01 03:38:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	228661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	405093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	352363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	163826	49.923	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.840%
35) Dibromofluoromethane	7.898	113	129810	49.107	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.220%
50) Toluene-d8	10.324	98	497288	50.552	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.617	95	189206	52.265	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	104.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	79725	51.196	ug/l	99
3) Chloromethane	2.253	50	96206	51.243	ug/l	98
4) Vinyl Chloride	2.405	62	129034	52.290	ug/l	98
5) Bromomethane	2.820	94	94589	49.075	ug/l	100
6) Chloroethane	2.966	64	85126	50.785	ug/l	98
7) Trichlorofluoromethane	3.301	101	102813	45.877	ug/l	99
8) Diethyl Ether	3.716	74	85549	50.236	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	127184	51.130	ug/l	99
10) Methyl Iodide	4.307	142	196219	51.168	ug/l	99
11) Tert butyl alcohol	5.216	59	55596	273.466	ug/l	98
12) 1,1-Dichloroethene	4.069	96	139112	51.057	ug/l	95
13) Acrolein	3.923	56	87032	238.183	ug/l	97
14) Allyl chloride	4.697	41	223623	53.493	ug/l	99
15) Acrylonitrile	5.392	53	220336	263.111	ug/l	99
16) Acetone	4.155	43	207587	255.933	ug/l	99
17) Carbon Disulfide	4.417	76	372415	51.079	ug/l	99
18) Methyl Acetate	4.704	43	110627	47.723	ug/l	99
19) Methyl tert-butyl Ether	5.453	73	249430	53.936	ug/l	99
20) Methylene Chloride	4.947	84	165907	51.478	ug/l	99
21) trans-1,2-Dichloroethene	5.453	96	150128	51.856	ug/l	96
22) Diisopropyl ether	6.331	45	435531	53.419	ug/l	95
23) Vinyl Acetate	6.276	43	1558241	279.810	ug/l	98
24) 1,1-Dichloroethane	6.240	63	275659	52.150	ug/l	98
25) 2-Butanone	7.191	43	295677	280.206	ug/l	96
26) 2,2-Dichloropropane	7.179	77	158098	51.263	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	175371	52.697	ug/l	100
28) Bromochloromethane	7.526	49	118204	50.675	ug/l	99
29) Tetrahydrofuran	7.544	42	197209	272.901	ug/l	99
30) Chloroform	7.691	83	291107	51.829	ug/l	99
31) Cyclohexane	7.965	56	235145	50.326	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	226937	52.429	ug/l	99
36) 1,1-Dichloropropene	8.093	75	207537	54.256	ug/l	99
37) Ethyl Acetate	7.264	43	135668	56.224	ug/l	99
38) Carbon Tetrachloride	8.081	117	211131	54.165	ug/l	99
39) Methylcyclohexane	9.337	83	261262	54.897	ug/l	99
40) Benzene	8.331	78	600684	53.078	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	76710	59.345	ug/l	97
42) 1,2-Dichloroethane	8.410	62	201420	52.674	ug/l	99
43) Isopropyl Acetate	8.435	43	234518	56.382	ug/l	99
44) Trichloroethene	9.099	130	147985	52.391	ug/l	99
45) 1,2-Dichloropropane	9.373	63	142562	52.122	ug/l	95
46) Dibromomethane	9.465	93	92714	52.504	ug/l	98
47) Bromodichloromethane	9.648	83	222794	53.804	ug/l	99
48) Methyl methacrylate	9.440	41	119156	58.260	ug/l	94
49) 1,4-Dioxane	9.465	88	21984	1062.966	ug/l #	94
51) 4-Methyl-2-Pentanone	10.209	43	667473	279.124	ug/l	100
52) Toluene	10.392	92	394923	54.503	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	217762	56.049	ug/l	96
54) cis-1,3-Dichloropropene	10.074	75	242935	55.157	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	124548	53.844	ug/l	98
56) Ethyl methacrylate	10.648	69	182604	58.189	ug/l	98
57) 1,3-Dichloropropane	10.934	76	211062	51.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.922	63	486398	281.479	ug/l	97
59) 2-Hexanone	10.971	43	458136	282.722	ug/l	100
60) Dibromochloromethane	11.129	129	149294	53.973	ug/l	98
61) 1,2-Dibromoethane	11.233	107	123748	53.440	ug/l	96
64) Tetrachloroethene	10.861	164	120824	52.421	ug/l	95
65) Chlorobenzene	11.653	112	423257	54.443	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.727	131	141650	57.176	ug/l	94
67) Ethyl Benzene	11.727	91	757105	56.161	ug/l	99
68) m/p-Xylenes	11.836	106	590281	113.903	ug/l	98
69) o-Xylene	12.166	106	274498	57.208	ug/l	98
70) Styrene	12.178	104	469288	56.574	ug/l	99
71) Bromoform	12.348	173	86209	58.331	ug/l	99
73) Isopropylbenzene	12.458	105	715943	54.594	ug/l	99
74) N-amyl acetate	12.269	43	207540	58.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	157354	54.047	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	211061	94.733	ug/l	36
77) Bromobenzene	12.745	156	164306	56.175	ug/l	85
78) n-propylbenzene	12.800	91	868816	55.325	ug/l	100
79) 2-Chlorotoluene	12.891	91	515508	54.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	610714	56.260	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	54787	57.276	ug/l	97
82) 4-Chlorotoluene	12.983	91	528072	53.189	ug/l	99
83) tert-Butylbenzene	13.202	119	502105	53.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	602889	54.815	ug/l	99
85) sec-Butylbenzene	13.379	105	773900	55.450	ug/l	100
86) p-Isopropyltoluene	13.495	119	639419	55.591	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	321218	54.762	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	316827	52.771	ug/l	97
89) n-Butylbenzene	13.818	91	630792	56.443	ug/l	100
90) Hexachloroethane	14.086	117	116309	56.049	ug/l	99
91) 1,2-Dichlorobenzene	13.866	146	290975	54.274	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30797	54.174	ug/l	99
93) 1,2,4-Trichlorobenzene	15.122	180	190916	57.742	ug/l	97
94) Hexachlorobutadiene	15.226	225	92237	57.772	ug/l	91
95) Naphthalene	15.354	128	461350	56.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	174283	57.366	ug/l	99

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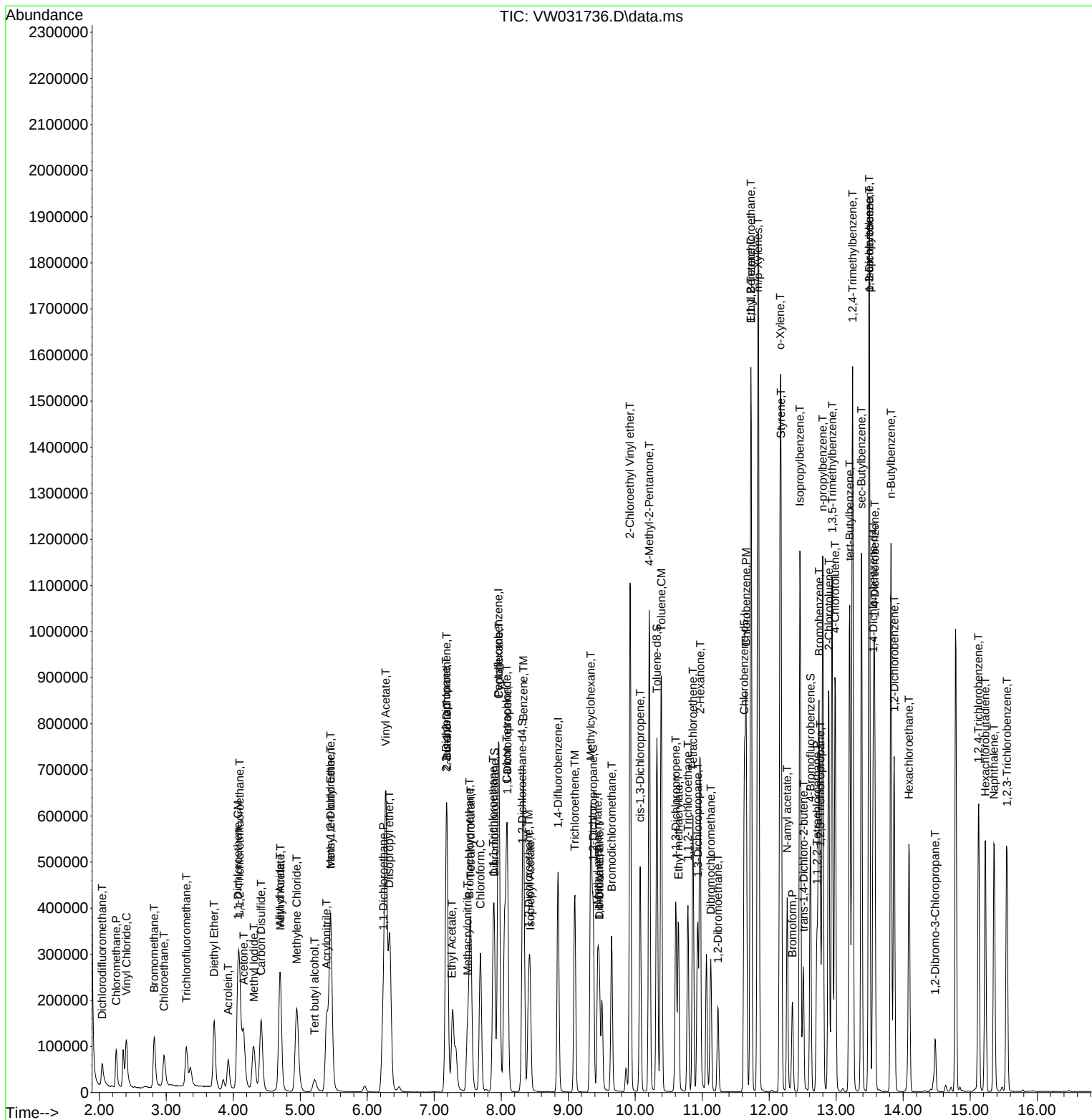
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MSVOA_W
ClientSampleId :

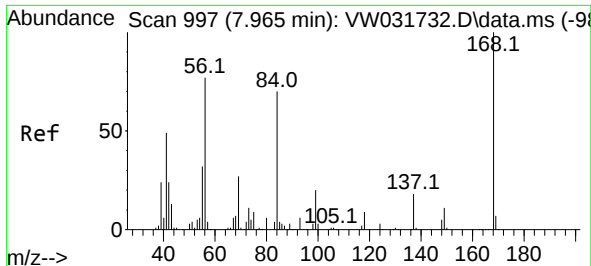
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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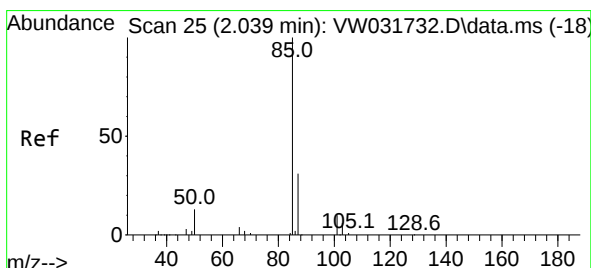
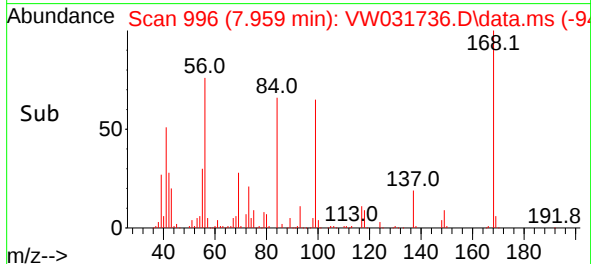
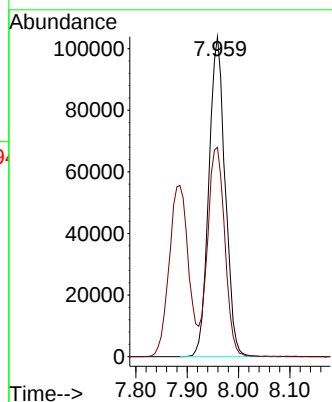
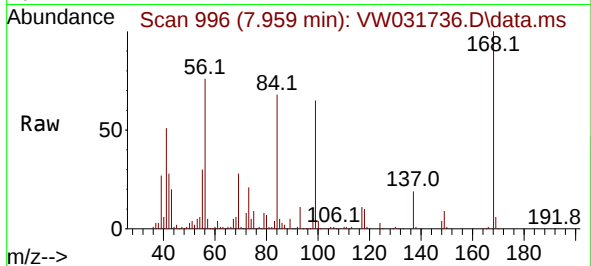




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031736.D
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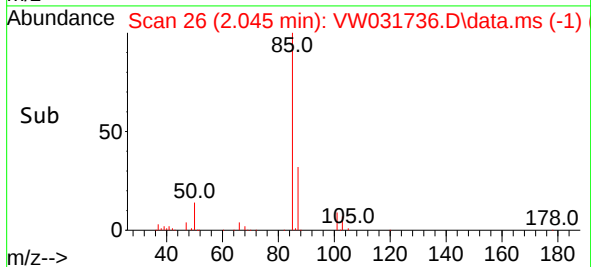
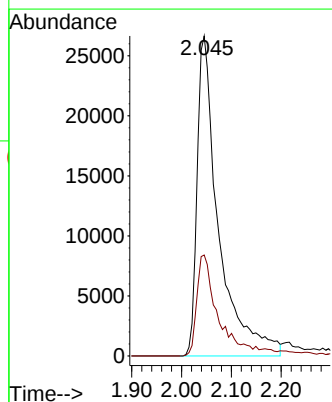
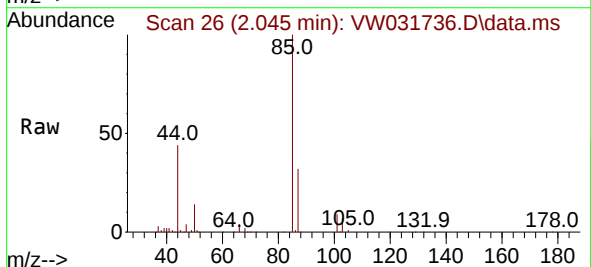
Instrument :
MSVOA_W
ClientSampleId :

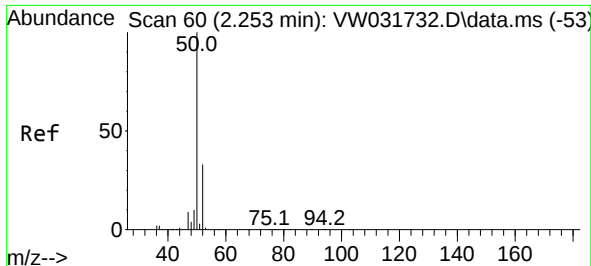
Tgt Ion:168 Resp: 228661
Ion Ratio Lower Upper
168 100
99 65.3 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 51.196 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 85 Resp: 79725
Ion Ratio Lower Upper
85 100
87 31.6 15.4 46.2

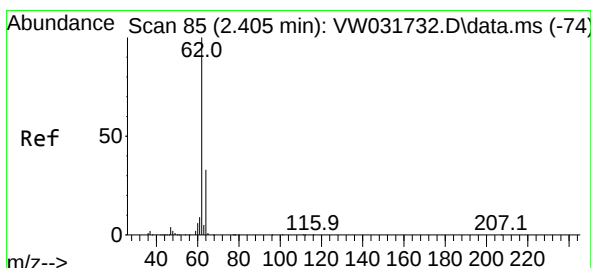
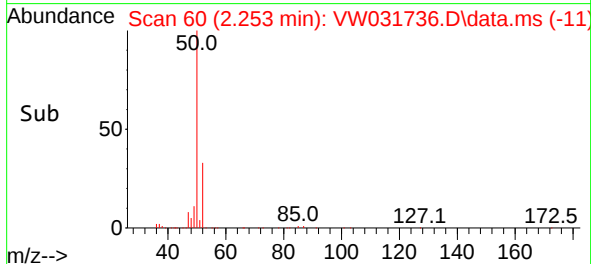
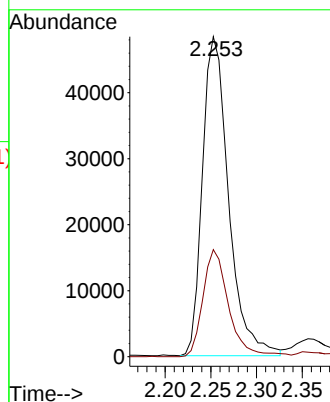
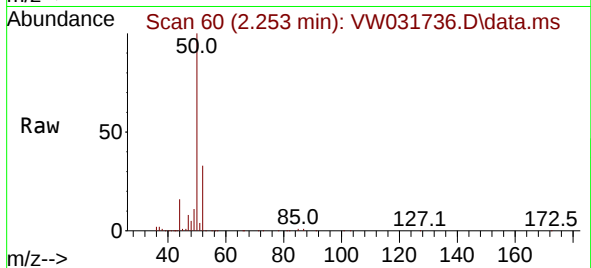




#3
Chloromethane
Concen: 51.243 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

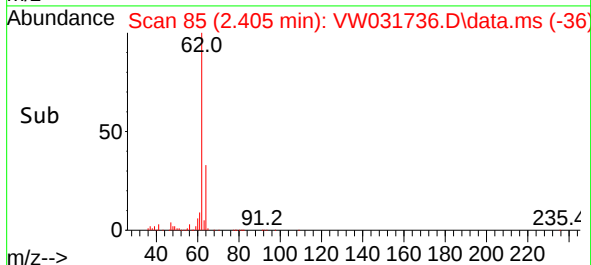
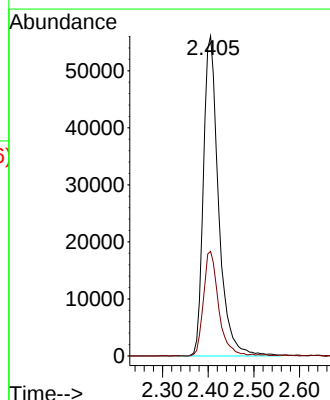
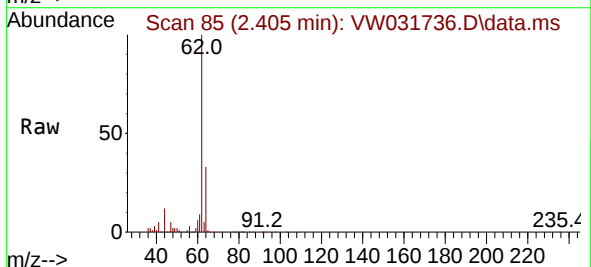
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MSVOA_W
ClientSampleId :

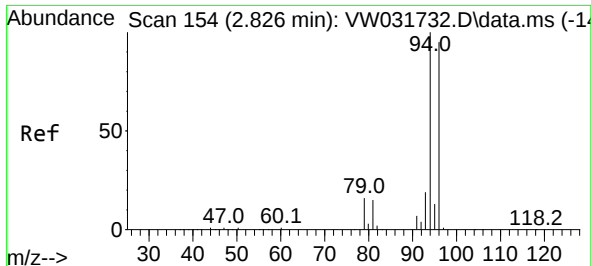
Tgt Ion: 50 Resp: 96206
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.2



#4
Vinyl Chloride
Concen: 52.290 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 62 Resp: 129034
Ion Ratio Lower Upper
62 100
64 32.6 26.8 40.2

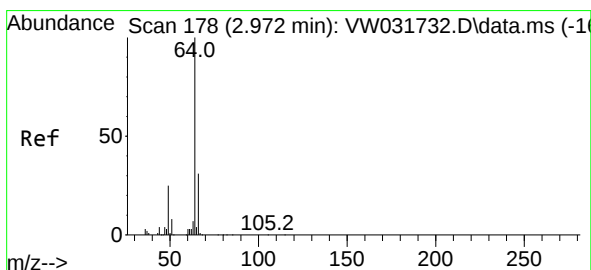
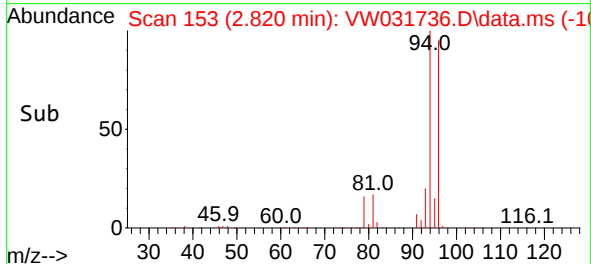
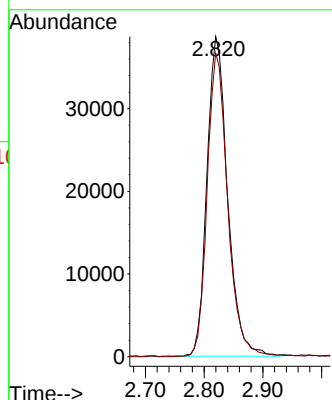
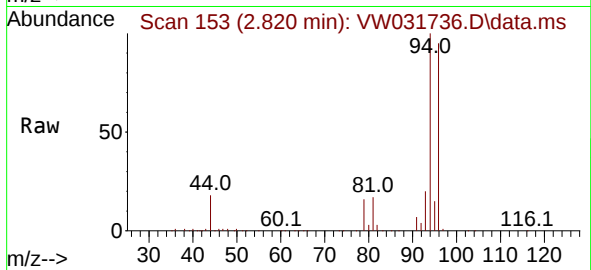




#5
Bromomethane
Concen: 49.075 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

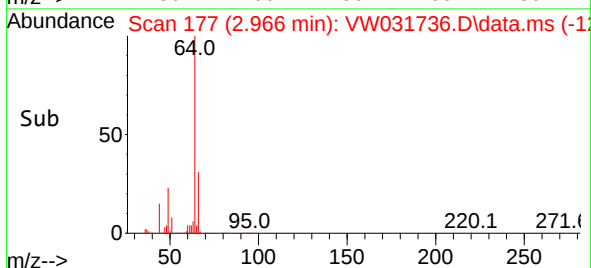
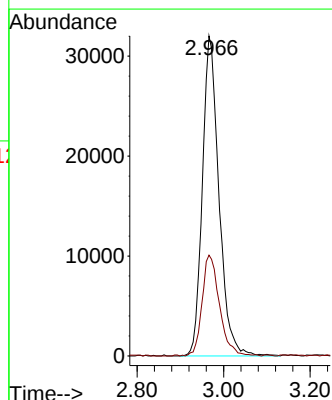
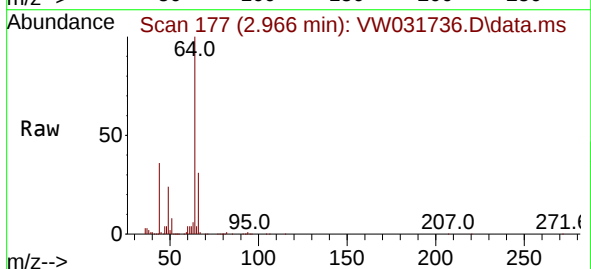
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ClientSampleId :

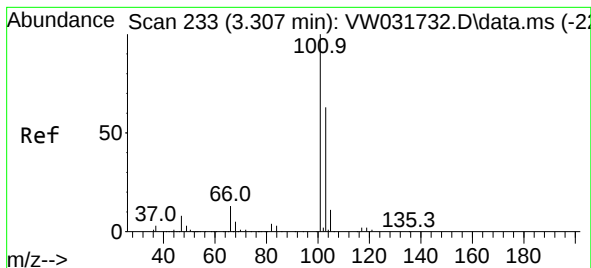
Tgt Ion: 94 Resp: 94589
Ion Ratio Lower Upper
94 100
96 94.8 75.6 113.4



#6
Chloroethane
Concen: 50.785 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 64 Resp: 85126
Ion Ratio Lower Upper
64 100
66 31.5 24.5 36.7





#7

Trichlorofluoromethane

Concen: 45.877 ug/l

RT: 3.301 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

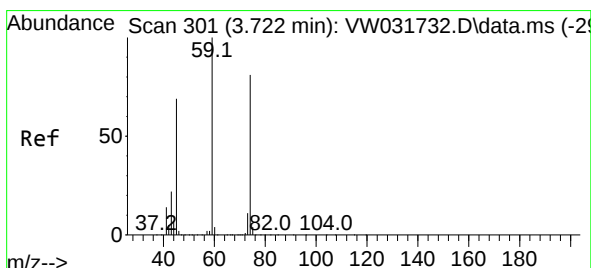
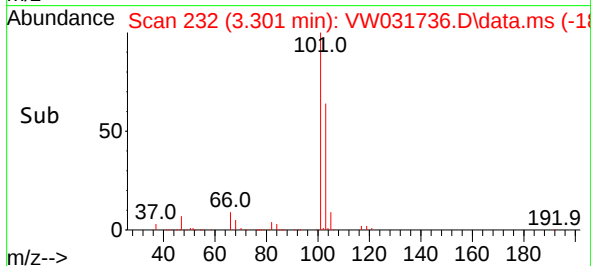
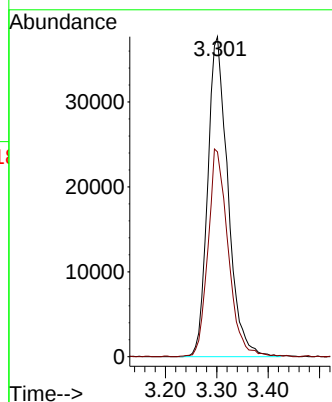
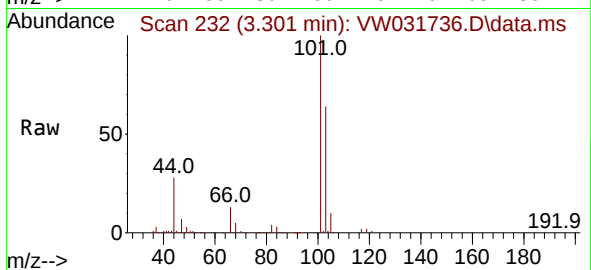
ClientSampleId :

Tgt Ion:101 Resp: 102813

Ion Ratio Lower Upper

101 100

103 63.9 50.2 75.4



#8

Diethyl Ether

Concen: 50.236 ug/l

RT: 3.716 min Scan# 300

Delta R.T. -0.006 min

Lab File: VW031736.D

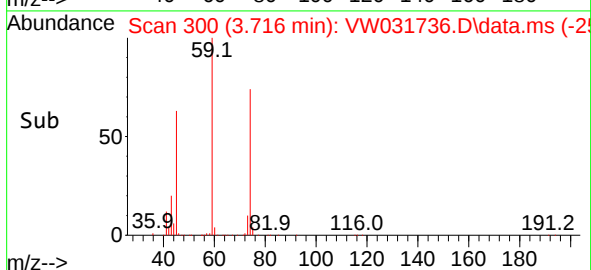
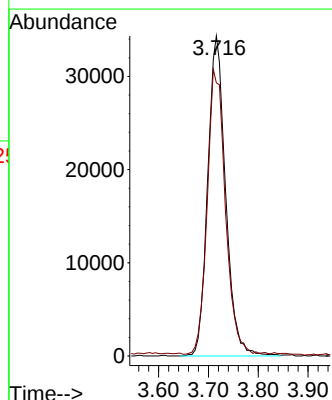
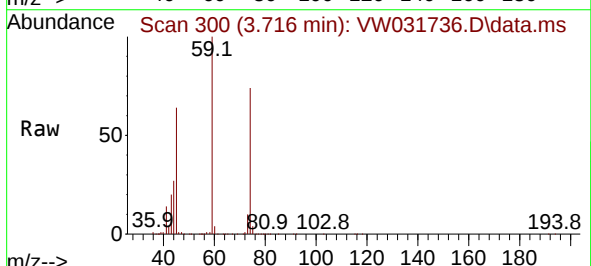
Acq: 30 Jun 2025 15:23

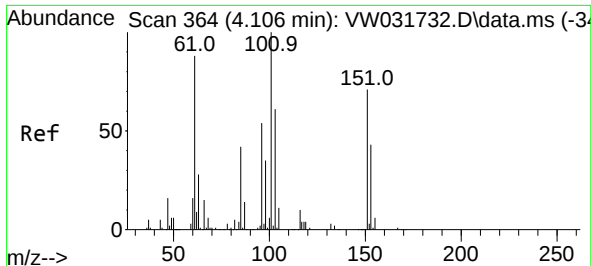
Tgt Ion: 74 Resp: 85549

Ion Ratio Lower Upper

74 100

45 90.5 43.9 131.7

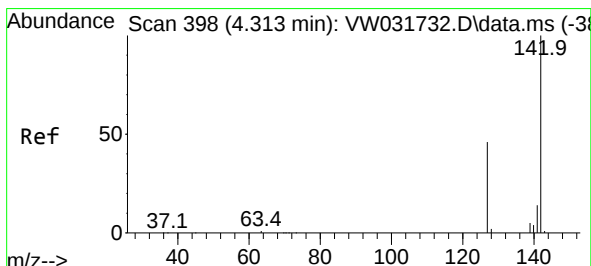
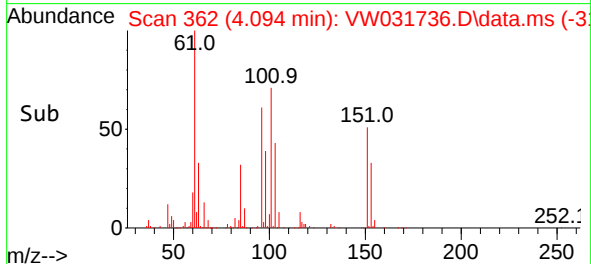
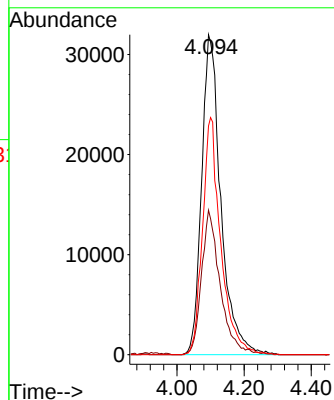
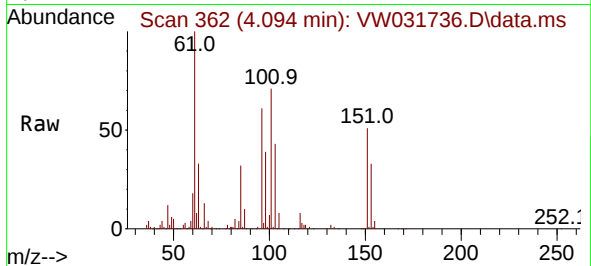




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.130 ug/l
RT: 4.094 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

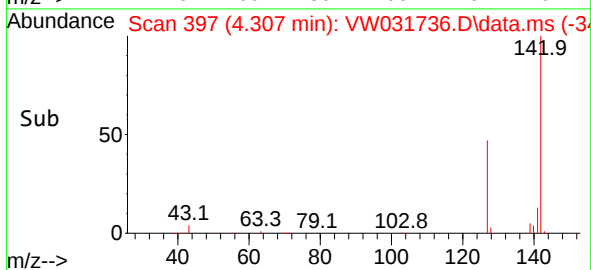
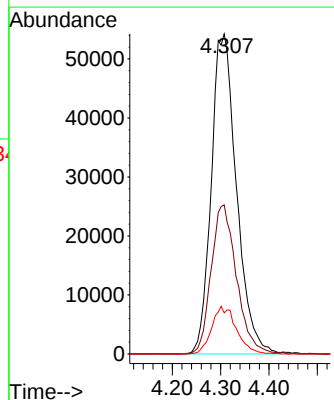
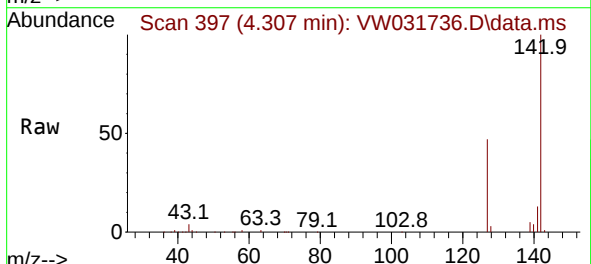
Instrument :
MSVOA_W
ClientSampleId :

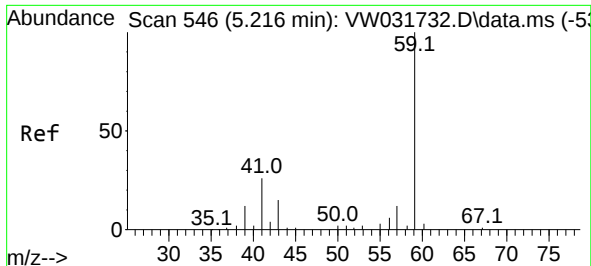
Tgt Ion:101 Resp: 127184
Ion Ratio Lower Upper
101 100
85 43.8 35.6 53.4
151 70.3 56.8 85.2



#10
Methyl Iodide
Concen: 51.168 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion:142 Resp: 196219
Ion Ratio Lower Upper
142 100
127 46.9 37.9 56.9
141 14.6 11.7 17.5

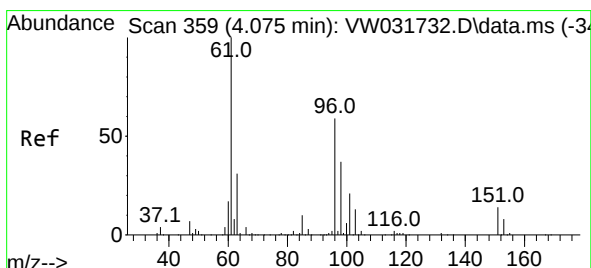
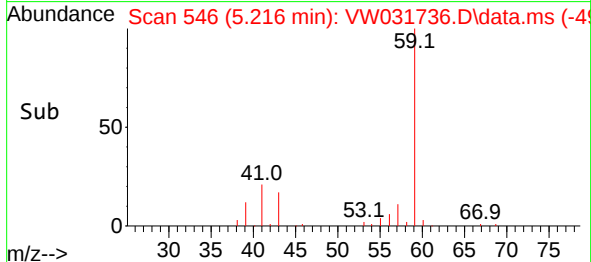
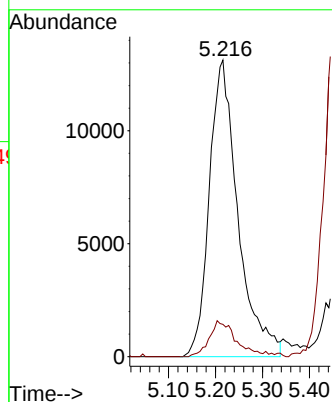
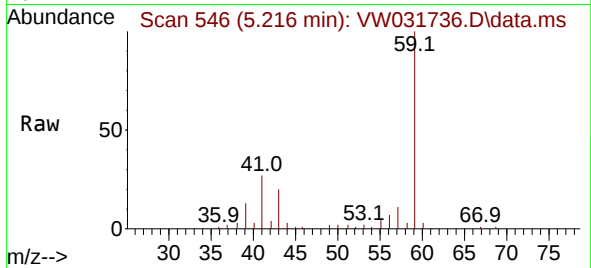




#11
Tert butyl alcohol
Concen: 273.466 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

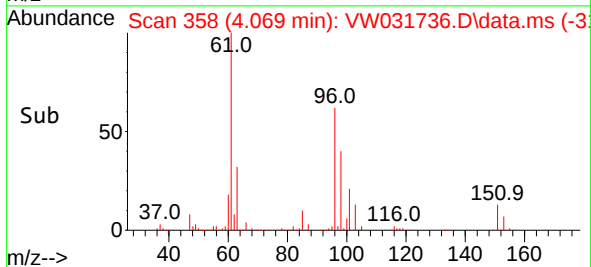
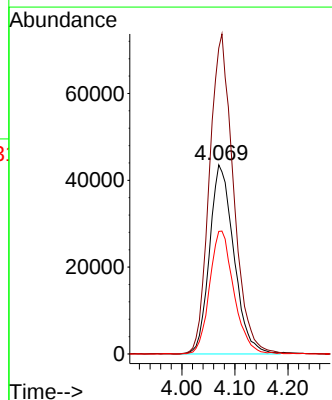
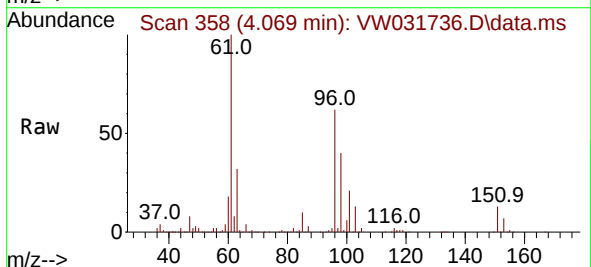
Instrument :
MSVOA_W
ClientSampleId :

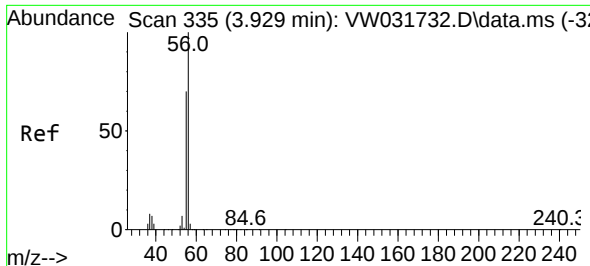
Tgt Ion: 59 Resp: 55596
Ion Ratio Lower Upper
59 100
57 11.1 9.5 14.3



#12
1,1-Dichloroethene
Concen: 51.057 ug/l
RT: 4.069 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 96 Resp: 139112
Ion Ratio Lower Upper
96 100
61 161.5 135.8 203.8
98 64.8 50.4 75.6

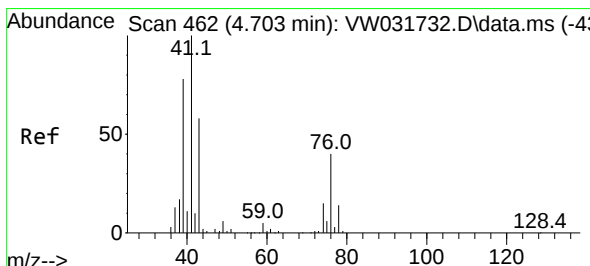
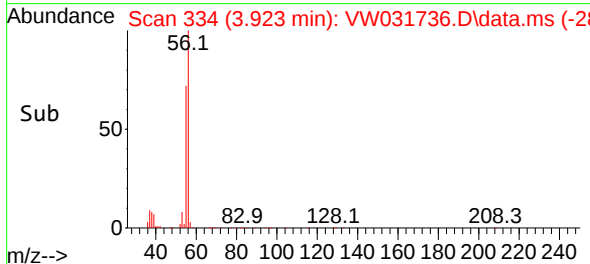
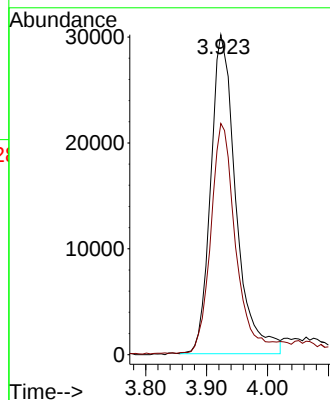
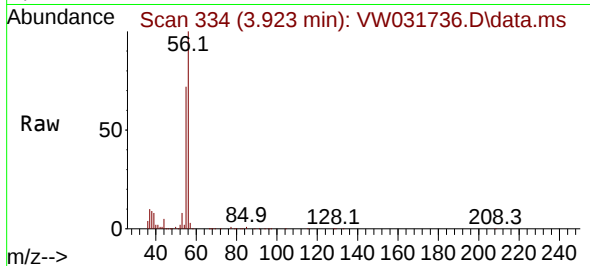




#13
Acrolein
Concen: 238.183 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

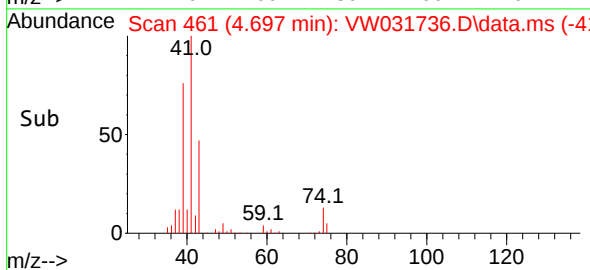
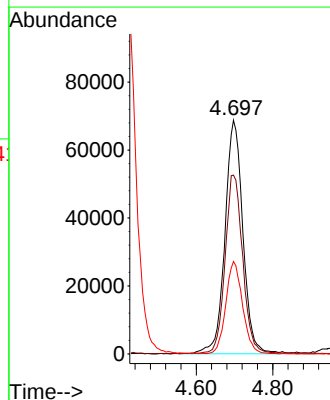
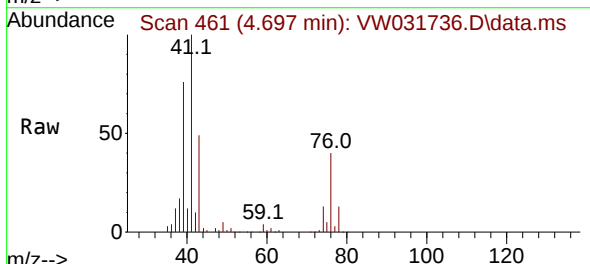
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 87032
Ion Ratio Lower Upper
56 100
55 70.0 54.0 81.0



#14
Allyl chloride
Concen: 53.493 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

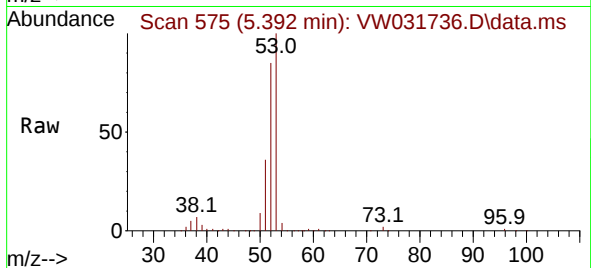
Tgt Ion: 41 Resp: 223623
Ion Ratio Lower Upper
41 100
39 75.1 60.7 91.1
76 36.9 30.3 45.5



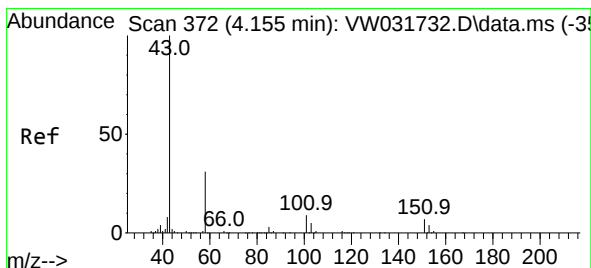
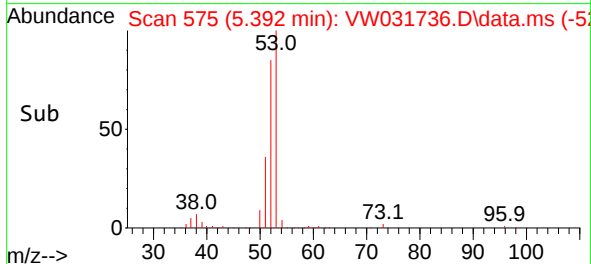
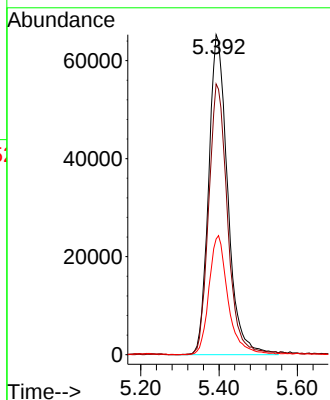


#15
Acrylonitrile
Concen: 263.111 ug/l
RT: 5.392 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Instrument :
MSVOA_W
ClientSampleId :

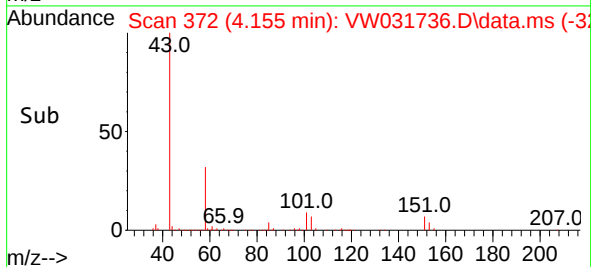
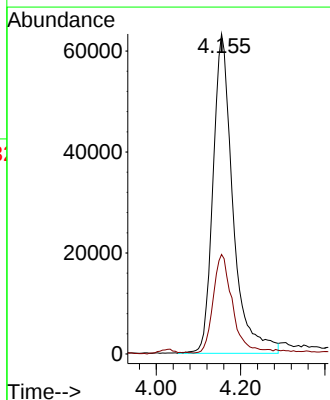
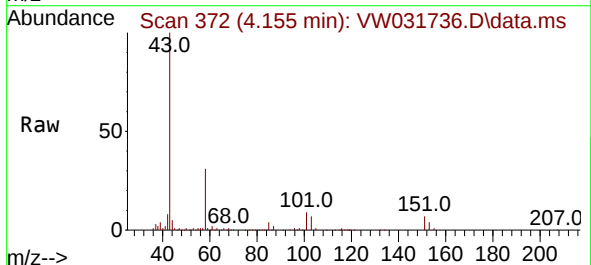


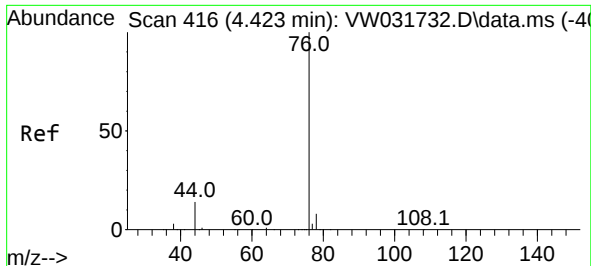
Tgt Ion: 53 Resp: 220336
Ion Ratio Lower Upper
53 100
52 83.7 66.4 99.6
51 37.4 29.9 44.9



#16
Acetone
Concen: 255.933 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 43 Resp: 207587
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2

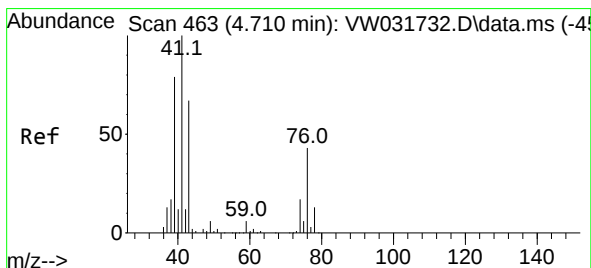
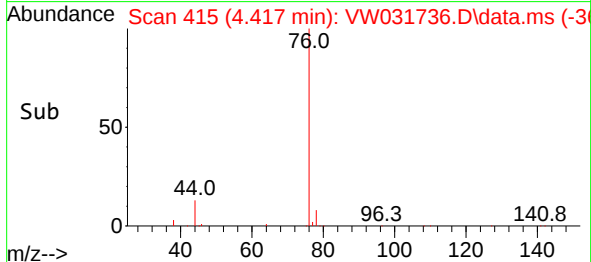
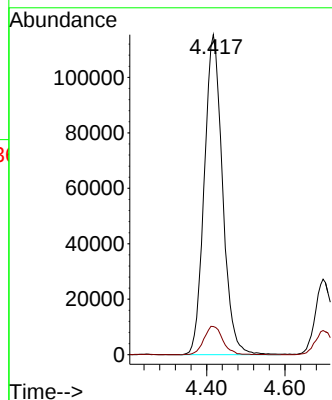
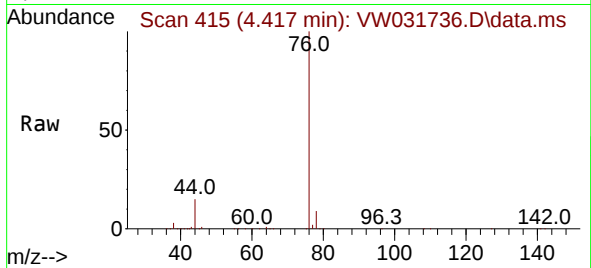




#17
Carbon Disulfide
Concen: 51.079 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

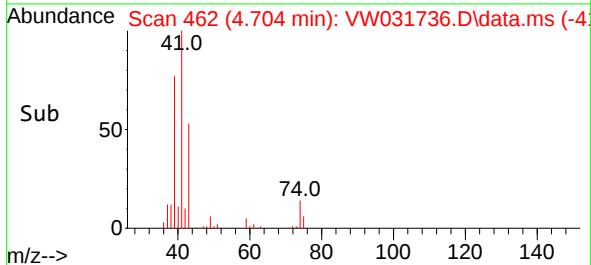
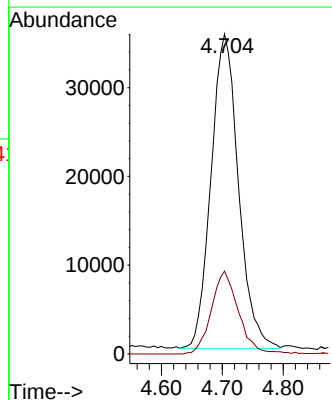
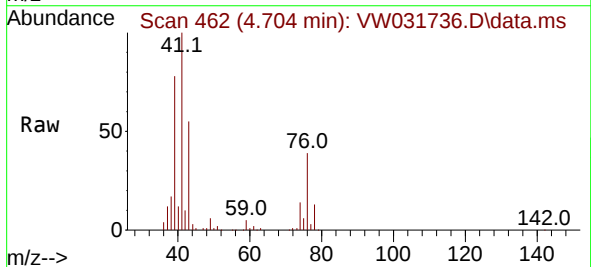
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 76 Resp: 372415
Ion Ratio Lower Upper
76 100
78 8.8 6.6 10.0



#18
Methyl Acetate
Concen: 47.723 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 43 Resp: 110627
Ion Ratio Lower Upper
43 100
74 26.2 20.6 30.8

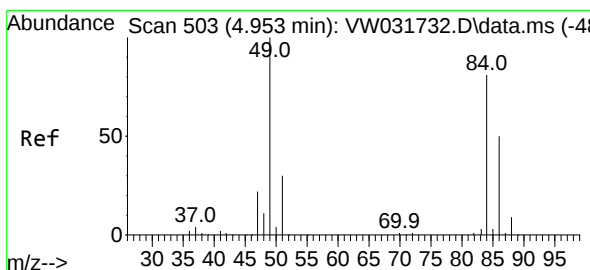
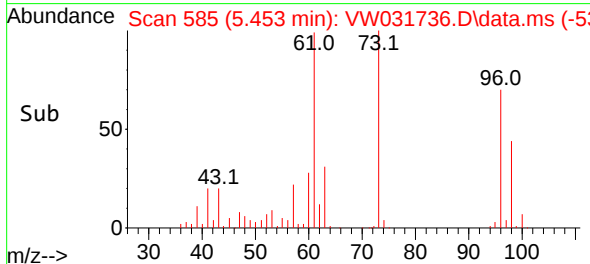
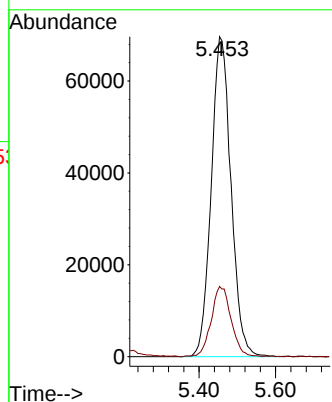
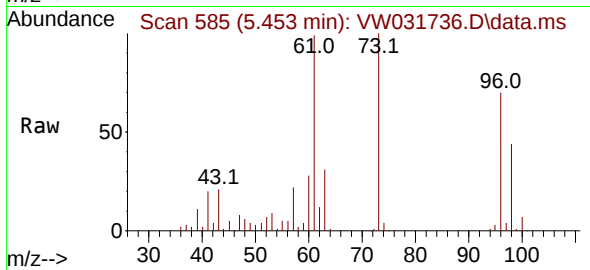




#19
Methyl tert-butyl Ether
Concen: 53.936 ug/l
RT: 5.453 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

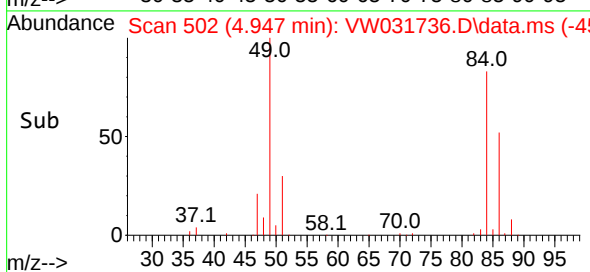
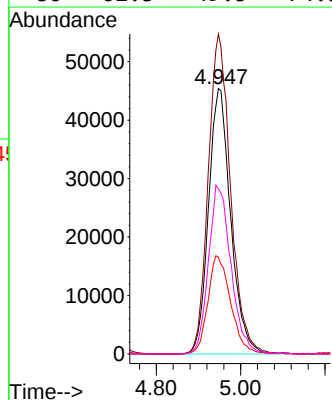
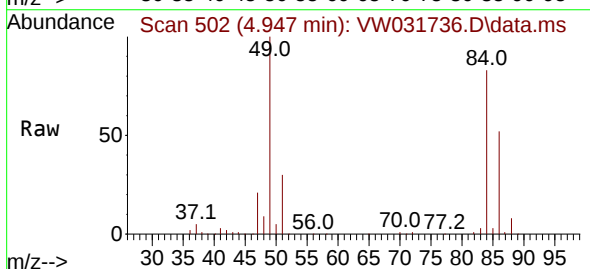
Instrument :
MSVOA_W
ClientSampleId :

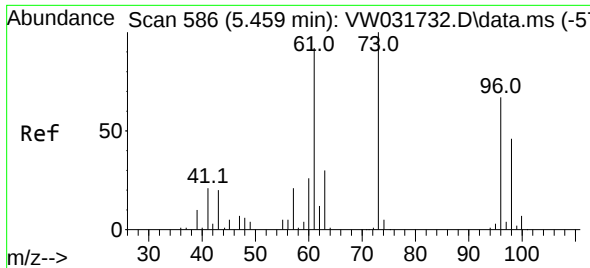
Tgt Ion: 73 Resp: 249430
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#20
Methylene Chloride
Concen: 51.478 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 84 Resp: 165907
Ion Ratio Lower Upper
84 100
49 120.5 98.2 147.4
51 36.4 29.8 44.8
86 62.3 49.5 74.3

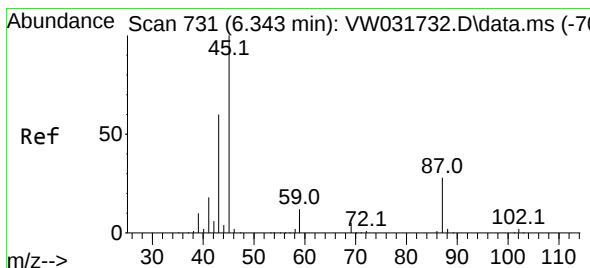
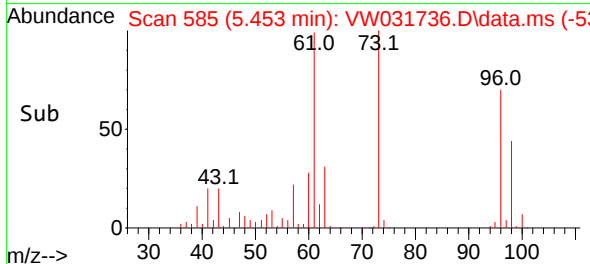
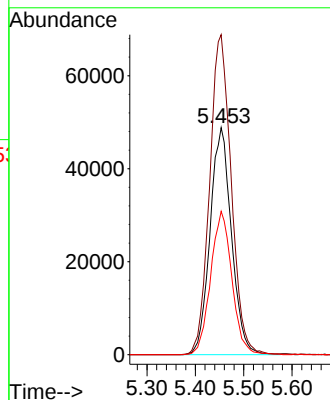
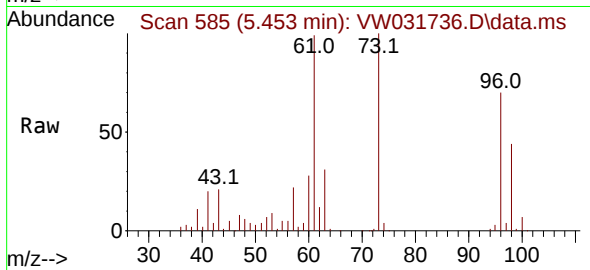




#21
trans-1,2-Dichloroethene
Concen: 51.856 ug/l
RT: 5.453 min Scan# 585
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

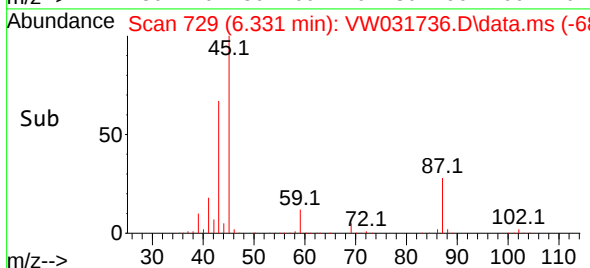
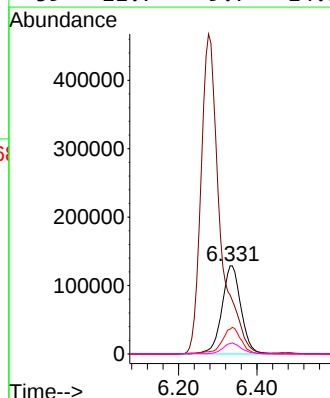
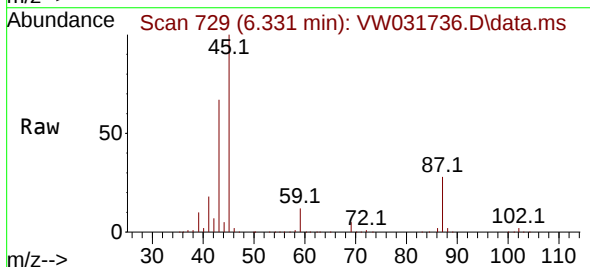
Instrument :
MSVOA_W
ClientSampleId :

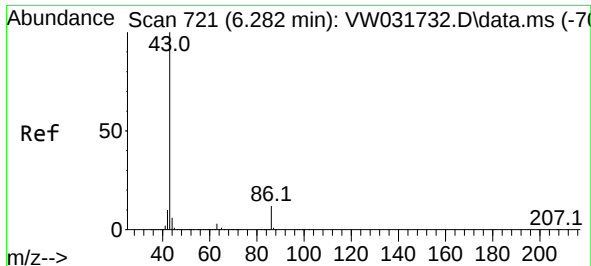
Tgt Ion: 96 Resp: 150128
Ion Ratio Lower Upper
96 100
61 140.9 109.8 164.6
98 63.1 54.9 82.3



#22
Diisopropyl ether
Concen: 53.419 ug/l
RT: 6.331 min Scan# 729
Delta R.T. -0.012 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

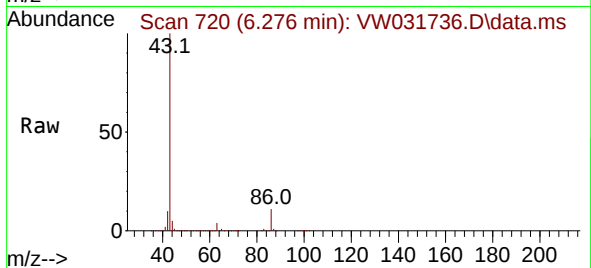
Tgt Ion: 45 Resp: 435531
Ion Ratio Lower Upper
45 100
43 66.7 48.3 72.5
87 28.0 22.6 34.0
59 11.7 9.7 14.5





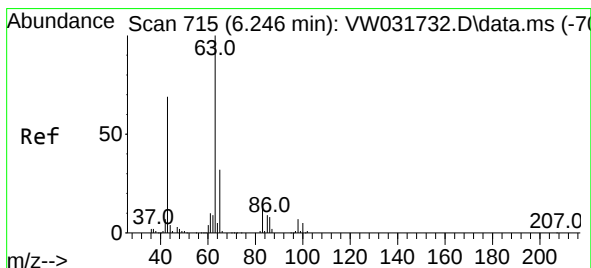
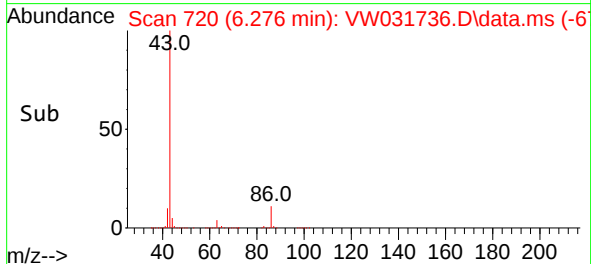
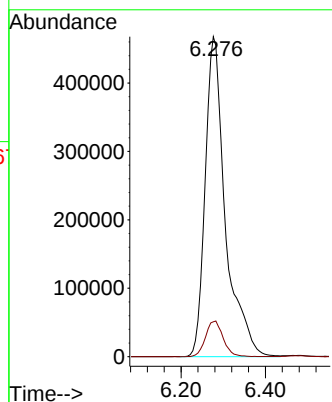
#23
 Vinyl Acetate
 Concen: 279.810 ug/l
 RT: 6.276 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031736.D
 Acq: 30 Jun 2025 15:23

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43 Resp: 1558241

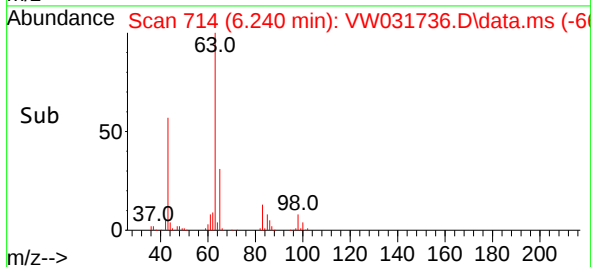
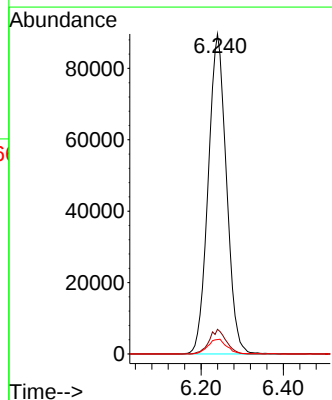
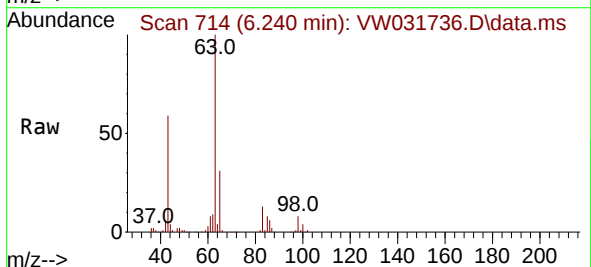
Ion	Ratio	Lower	Upper
43	100		
86	10.9	9.2	13.8

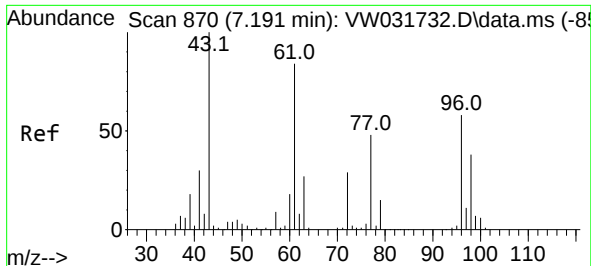


#24
 1,1-Dichloroethane
 Concen: 52.150 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031736.D
 Acq: 30 Jun 2025 15:23

Tgt Ion: 63 Resp: 275659

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.5	10.6
100	4.5	2.5	7.5

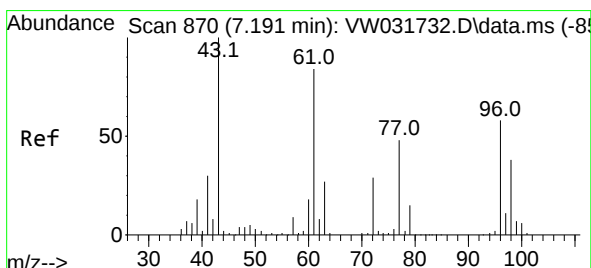
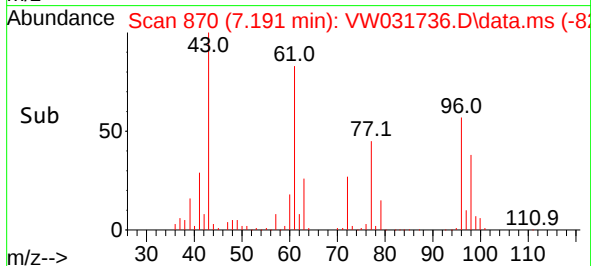
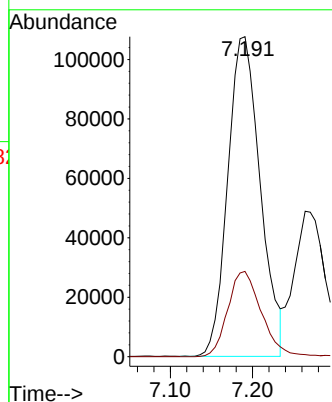
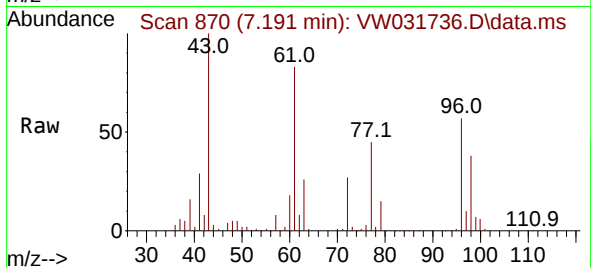




#25
2-Butanone
Concen: 280.206 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

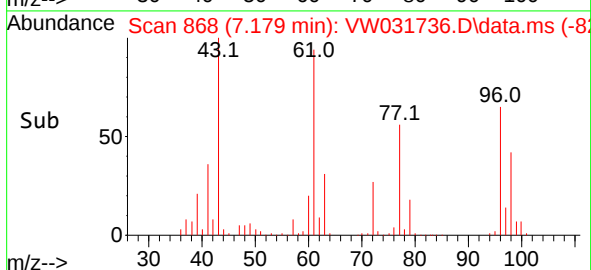
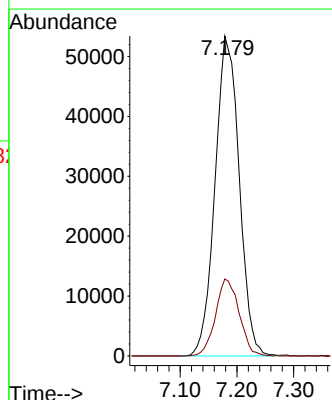
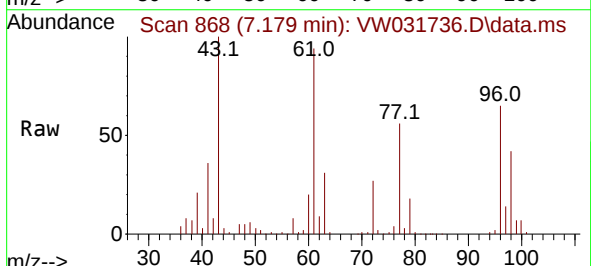
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 295677
Ion Ratio Lower Upper
43 100
72 26.7 23.0 34.6



#26
2,2-Dichloropropane
Concen: 51.263 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 77 Resp: 158098
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 52.697 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

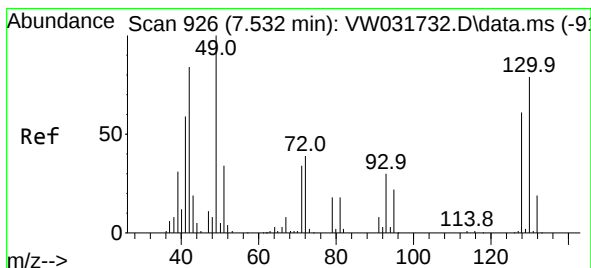
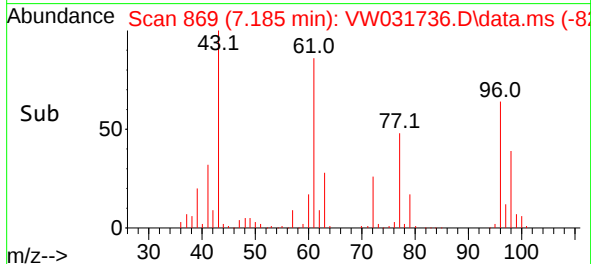
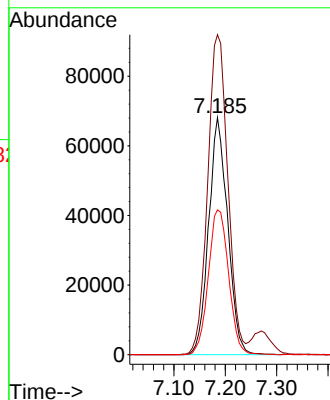
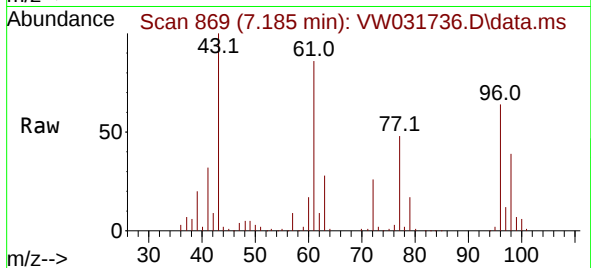
Tgt Ion: 96 Resp: 175371

Ion Ratio Lower Upper

96 100

61 142.7 0.0 286.8

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 50.675 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

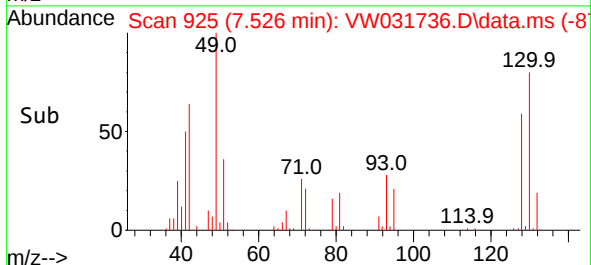
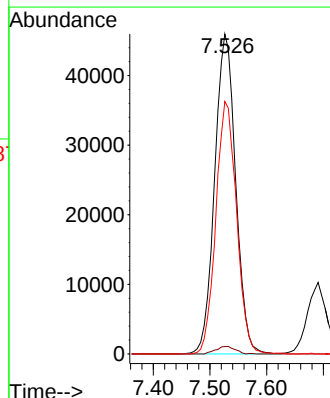
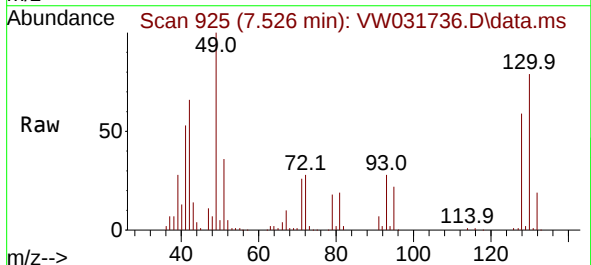
Tgt Ion: 49 Resp: 118204

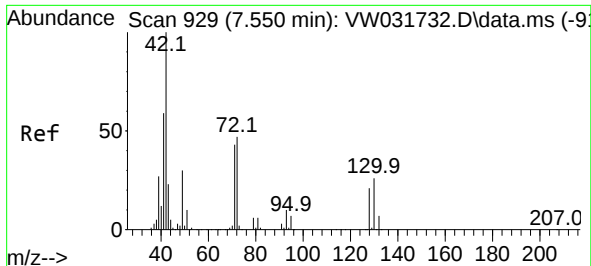
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.4

130 77.8 61.3 91.9





#29

Tetrahydrofuran

Concen: 272.901 ug/l

RT: 7.544 min Scan# 91

Delta R.T. -0.006 min

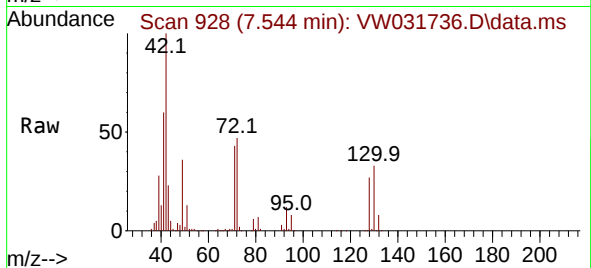
Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :



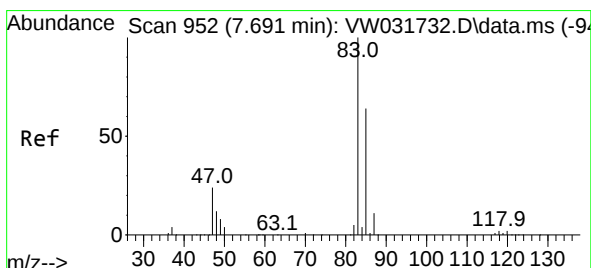
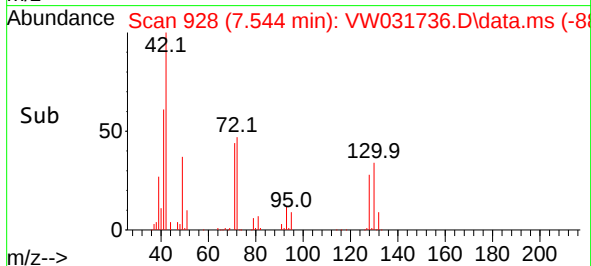
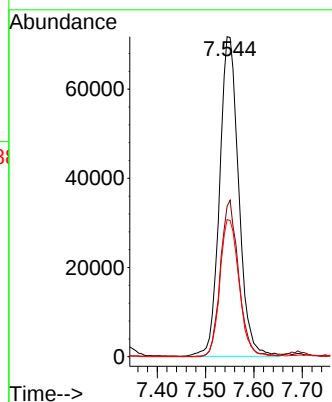
Tgt Ion: 42 Resp: 197209

Ion Ratio Lower Upper

42 100

72 46.6 36.8 55.2

71 43.2 34.6 52.0



#30

Chloroform

Concen: 51.829 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031736.D

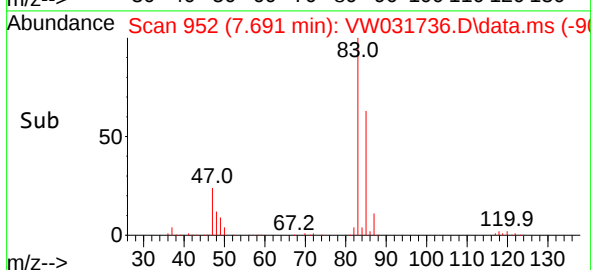
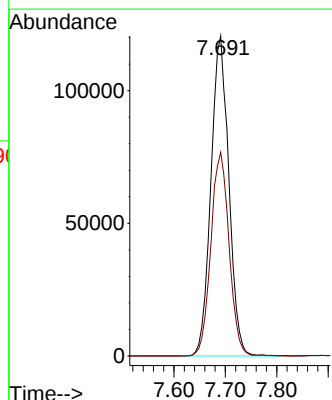
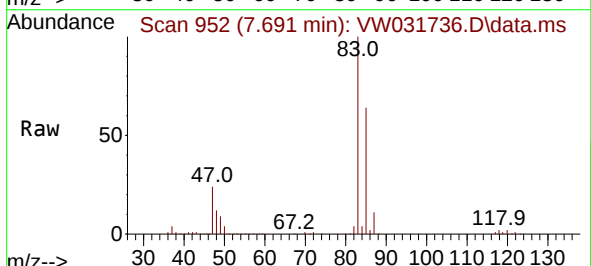
Acq: 30 Jun 2025 15:23

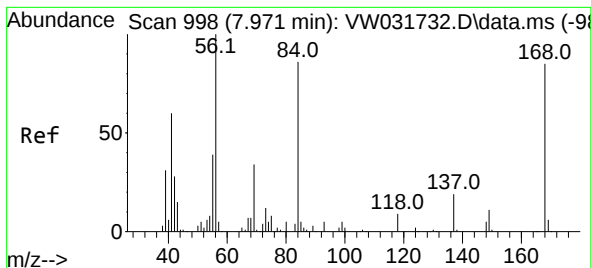
Tgt Ion: 83 Resp: 291107

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0





#31

Cyclohexane

Concen: 50.326 ug/l

RT: 7.965 min Scan# 998

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

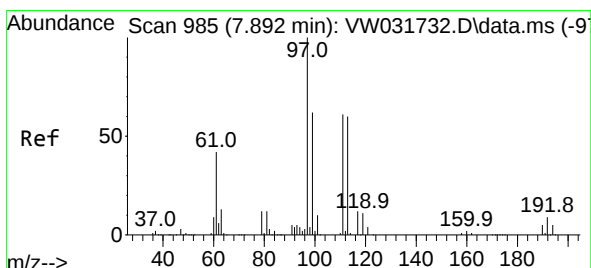
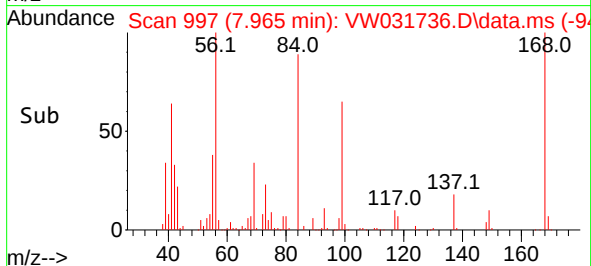
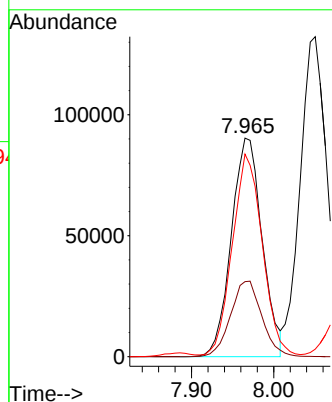
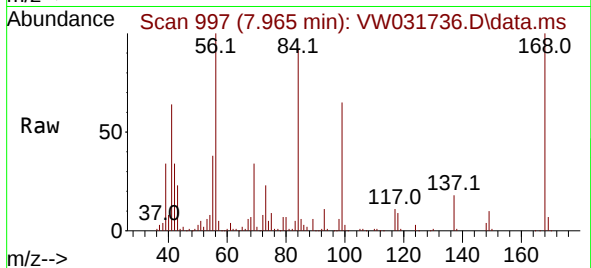
Tgt Ion: 56 Resp: 235145

Ion Ratio Lower Upper

56 100

69 34.3 27.2 40.8

84 90.9 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 52.429 ug/l

RT: 7.880 min Scan# 983

Delta R.T. -0.012 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

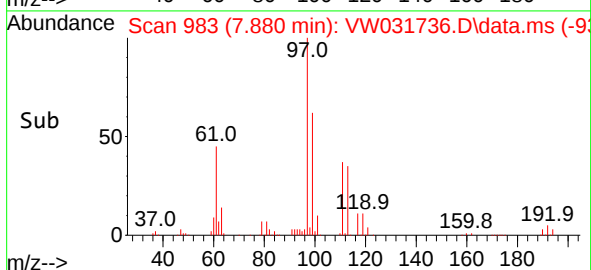
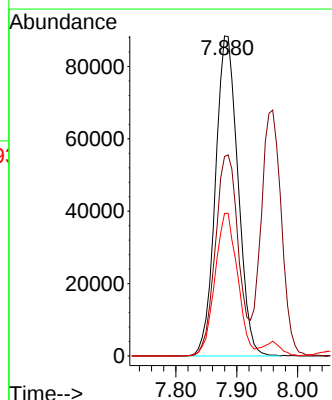
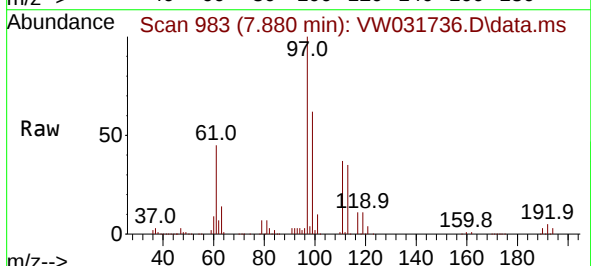
Tgt Ion: 97 Resp: 226937

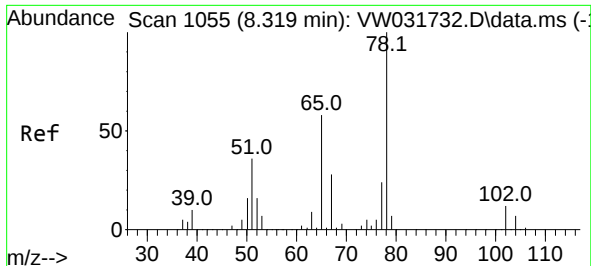
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 45.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.923 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

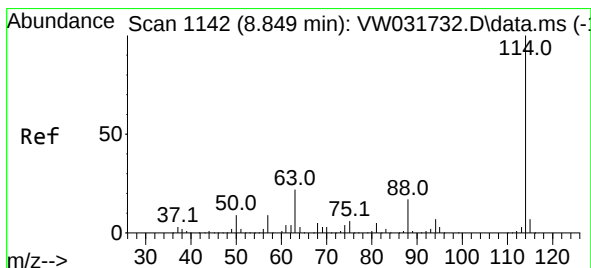
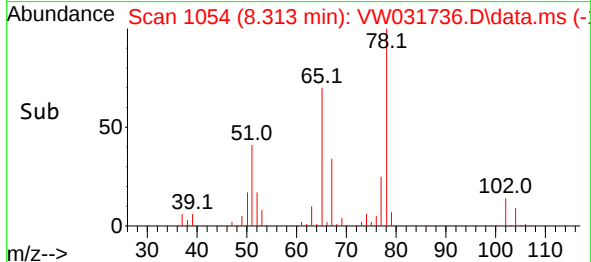
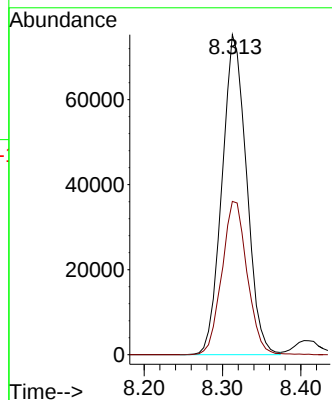
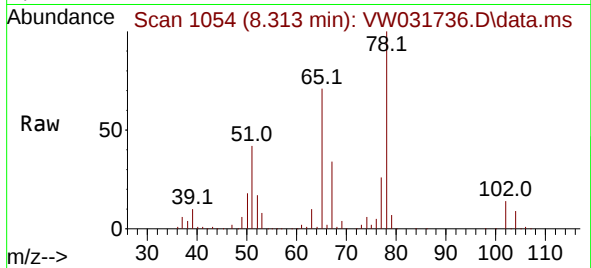
ClientSampleId :

Tgt Ion: 65 Resp: 163826

Ion Ratio Lower Upper

65 100

67 49.4 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: VW031736.D

Acq: 30 Jun 2025 15:23

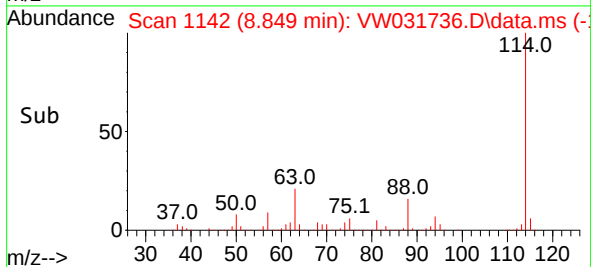
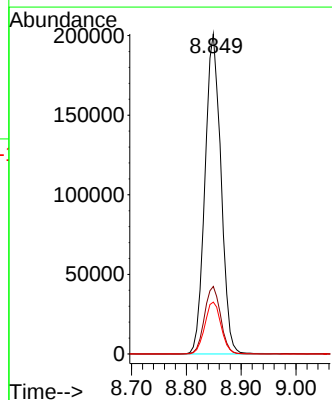
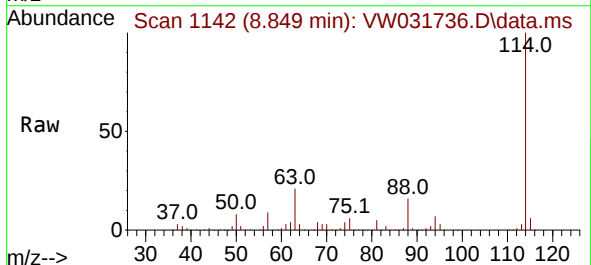
Tgt Ion: 114 Resp: 405093

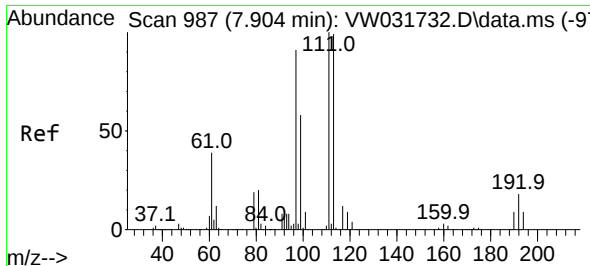
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.6

88 16.2 0.0 34.2

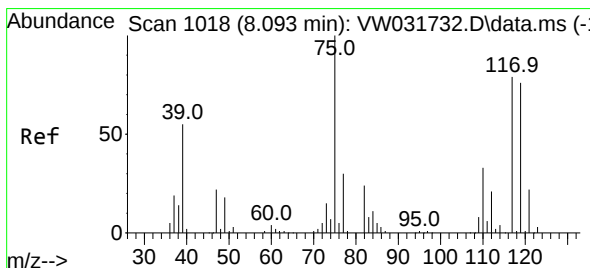
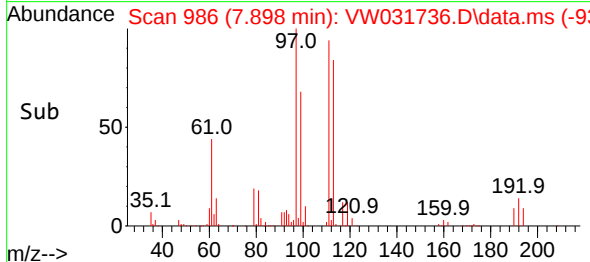
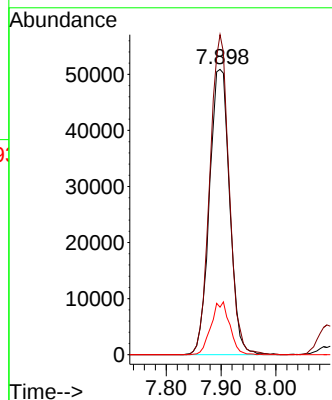
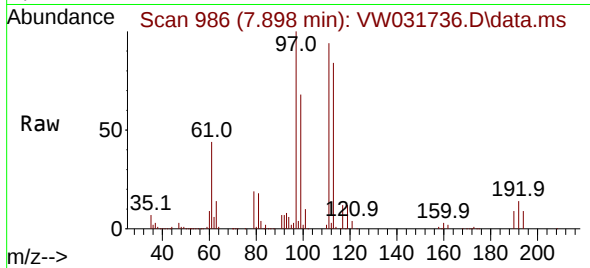




#35
Dibromofluoromethane
Concen: 49.107 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

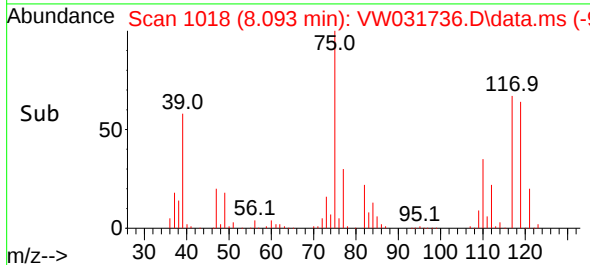
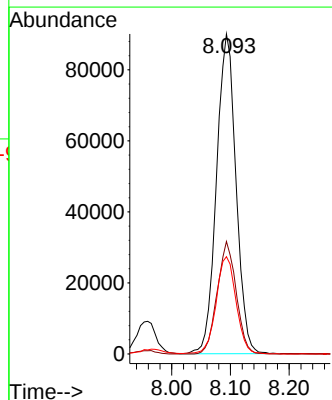
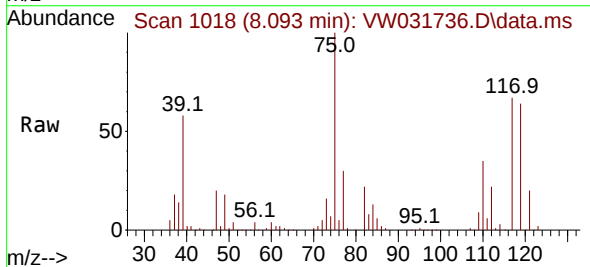
Instrument :
MSVOA_W
ClientSampleId :

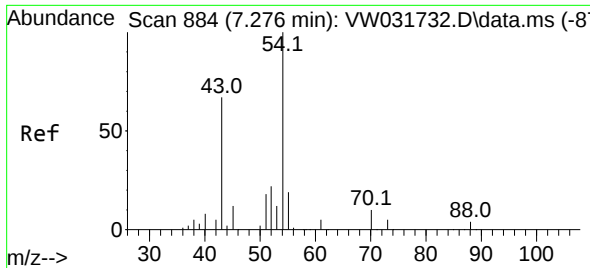
Tgt Ion:113 Resp: 129810
Ion Ratio Lower Upper
113 100
111 106.9 82.1 123.1
192 17.2 13.8 20.6



#36
1,1-Dichloropropene
Concen: 54.256 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 75 Resp: 207537
Ion Ratio Lower Upper
75 100
110 34.3 16.8 50.4
77 31.2 25.0 37.6

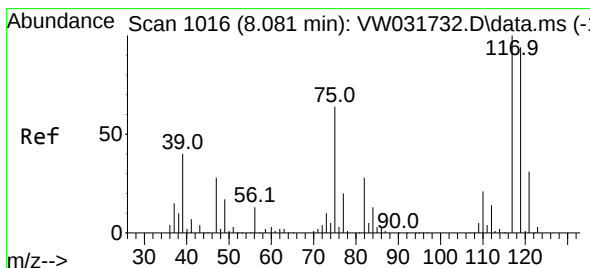
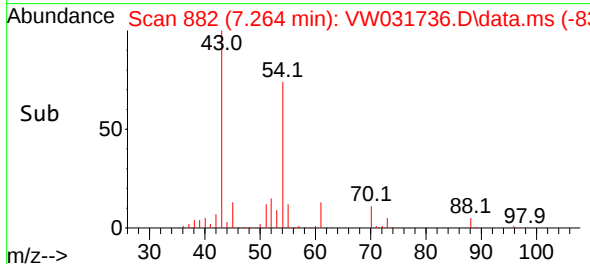
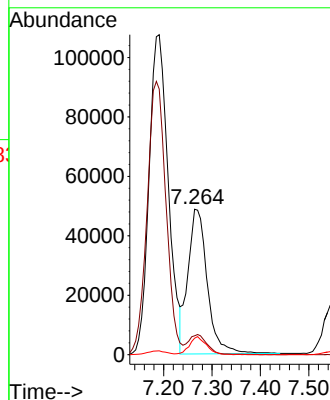
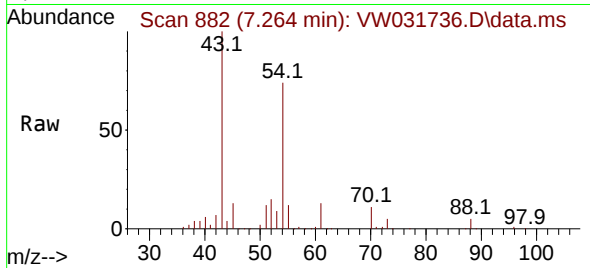




#37
Ethyl Acetate
Concen: 56.224 ug/l
RT: 7.264 min Scan# 882
Delta R.T. -0.012 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

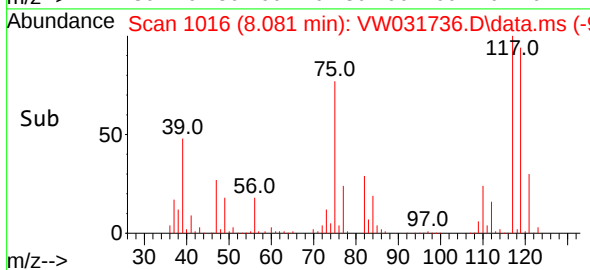
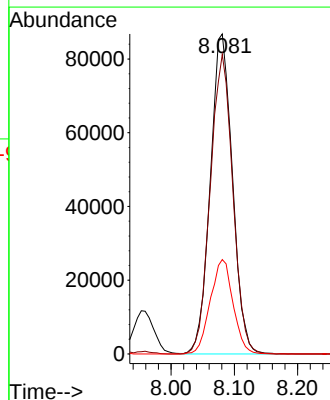
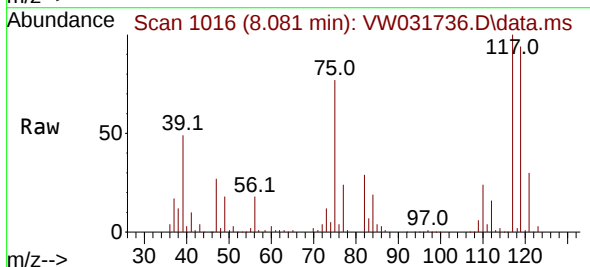
Instrument :
MSVOA_W
ClientSampleId :

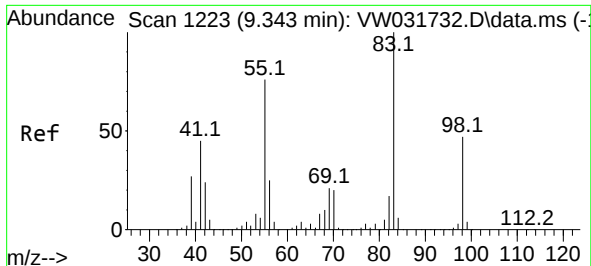
Tgt Ion: 43 Resp: 135668
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 10.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 54.165 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 117 Resp: 211131
Ion Ratio Lower Upper
117 100
119 93.6 75.0 112.6
121 29.5 24.6 37.0





#39

Methylcyclohexane

Concen: 54.897 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

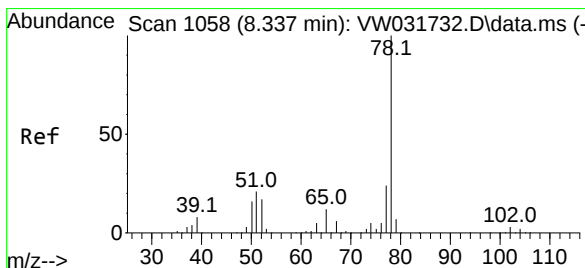
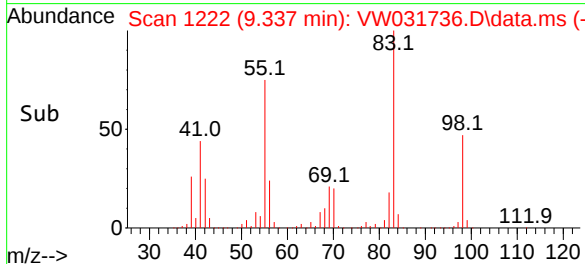
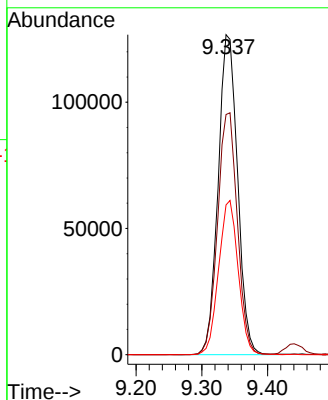
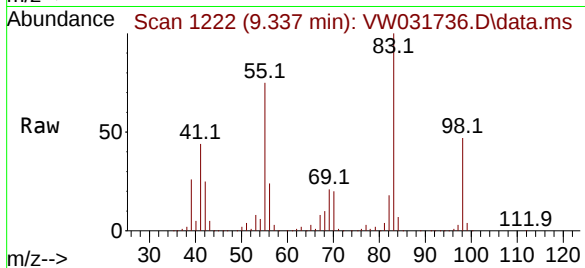
Tgt Ion: 83 Resp: 261262

Ion Ratio Lower Upper

83 100

55 75.0 61.0 91.4

98 46.8 37.9 56.9



#40

Benzene

Concen: 53.078 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031736.D

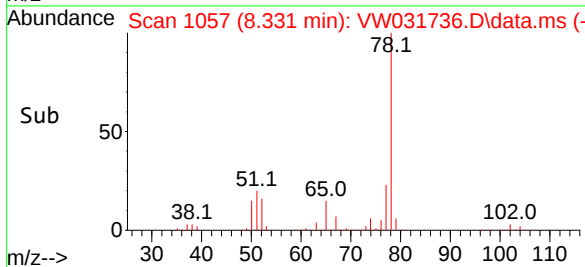
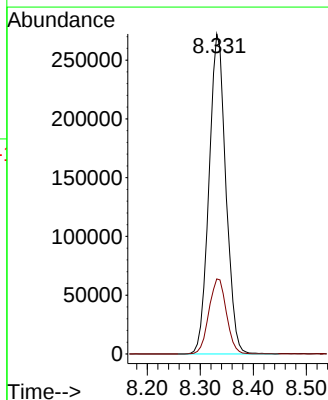
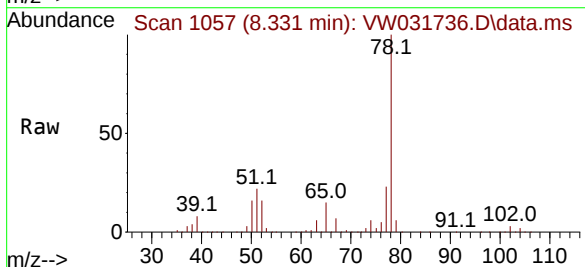
Acq: 30 Jun 2025 15:23

Tgt Ion: 78 Resp: 600684

Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8

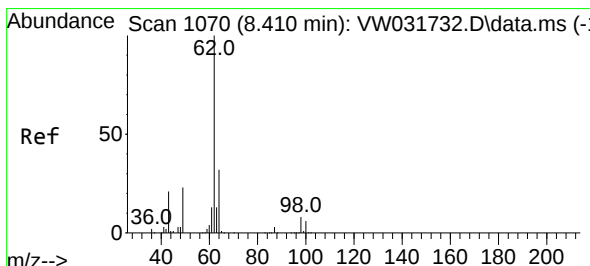
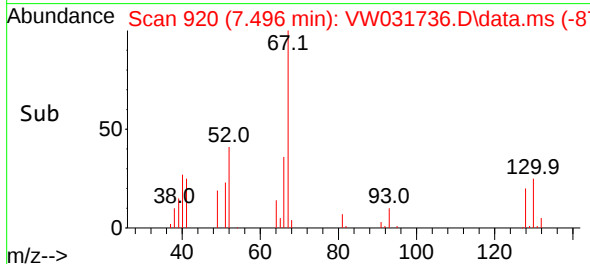
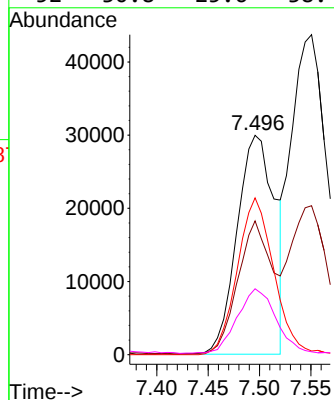
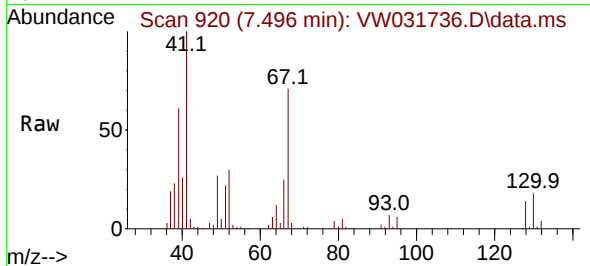




#41
Methacrylonitrile
Concen: 59.345 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

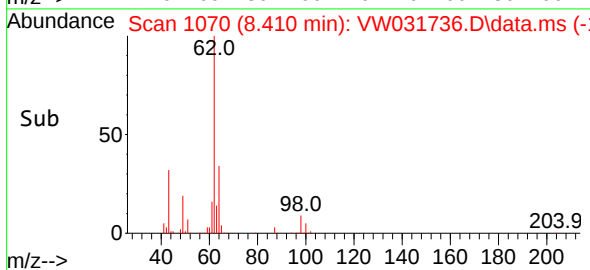
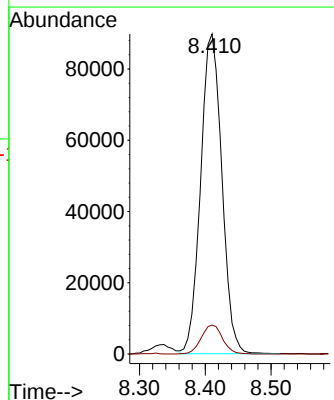
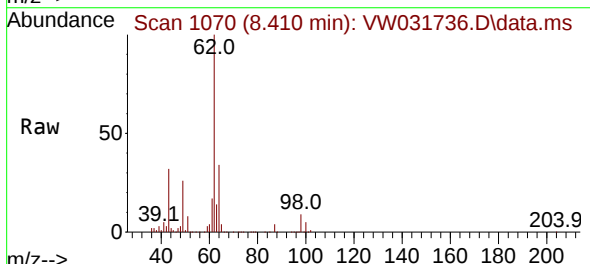
Instrument :
MSVOA_W
ClientSampleId :

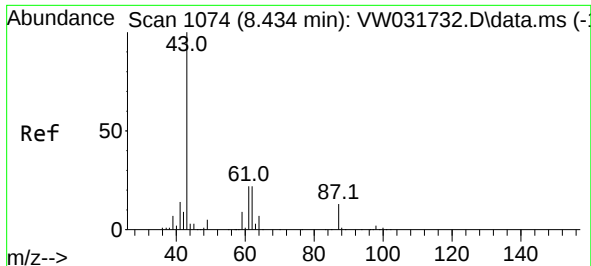
Tgt Ion: 41	Resp: 76710
Ion Ratio	Lower Upper
41 100	
39 56.2	43.2 64.8
67 69.7	58.1 87.1
52 30.8	25.6 38.4



#42
1,2-Dichloroethane
Concen: 52.674 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 62	Resp: 201420
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 17.2

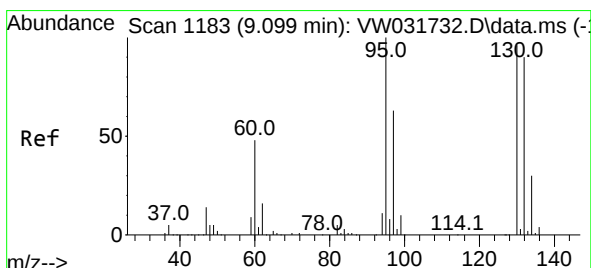
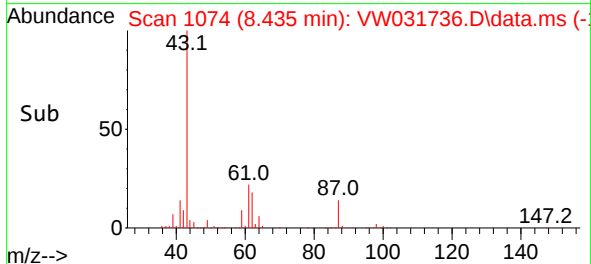
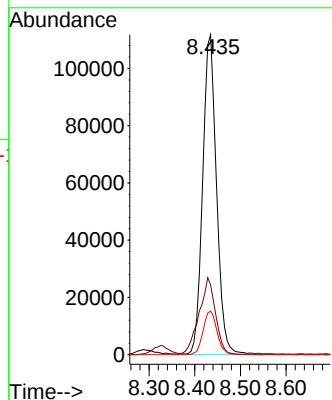
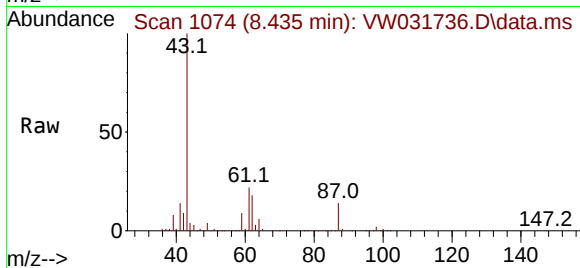




#43
Isopropyl Acetate
Concen: 56.382 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

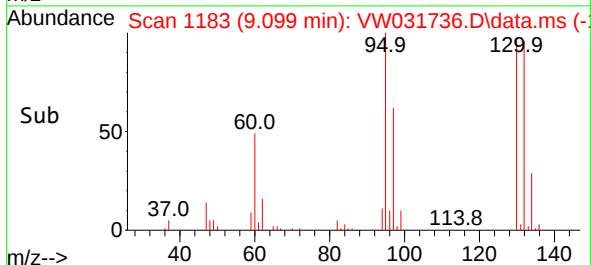
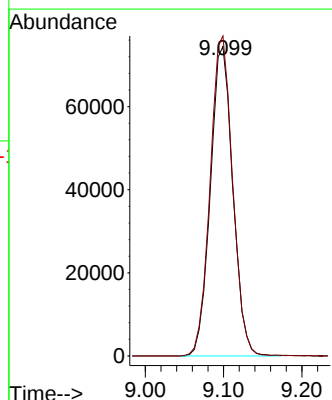
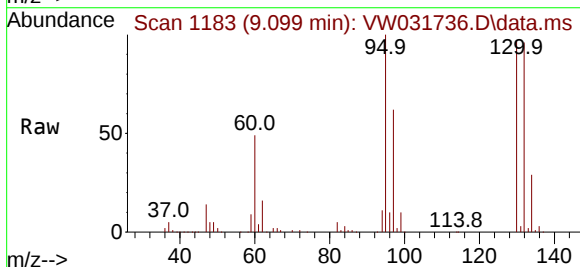
Instrument :
MSVOA_W
ClientSampleId :

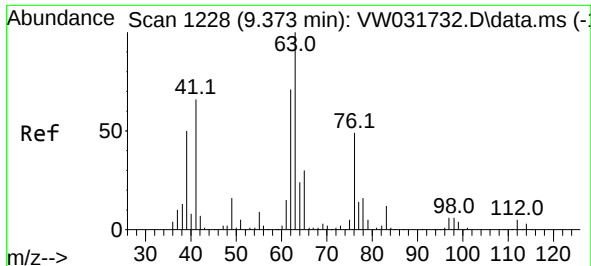
Tgt Ion: 43 Resp: 234518
Ion Ratio Lower Upper
43 100
61 28.5 23.1 34.7
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 52.391 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion:130 Resp: 147985
Ion Ratio Lower Upper
130 100
95 103.4 0.0 208.6

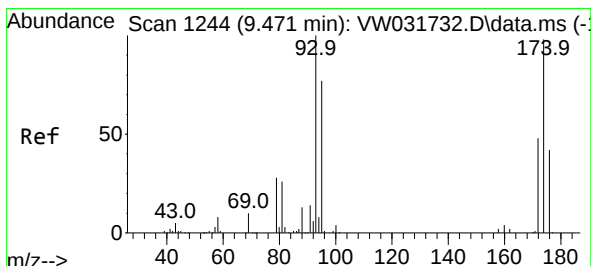
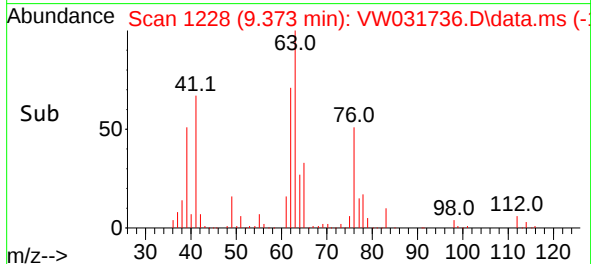
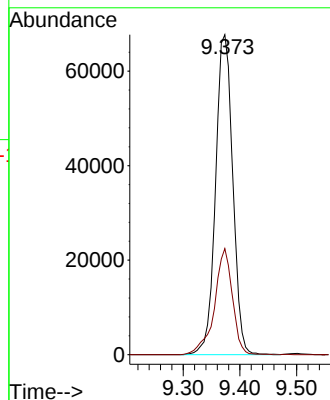
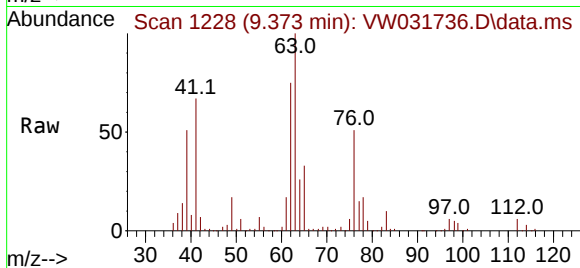




#45
1,2-Dichloropropane
Concen: 52.122 ug/l
RT: 9.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

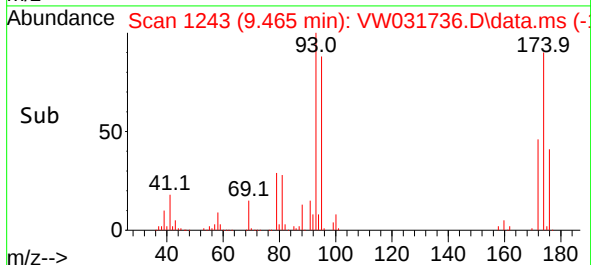
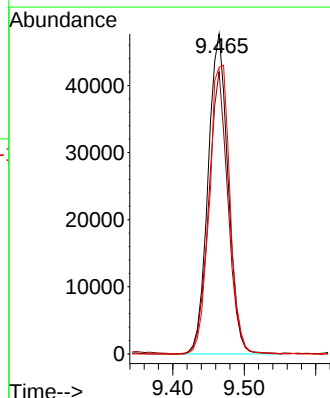
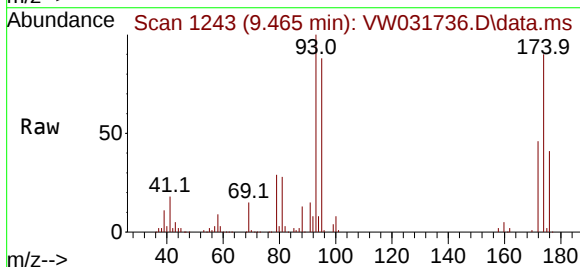
Instrument :
MSVOA_W
ClientSampleId :

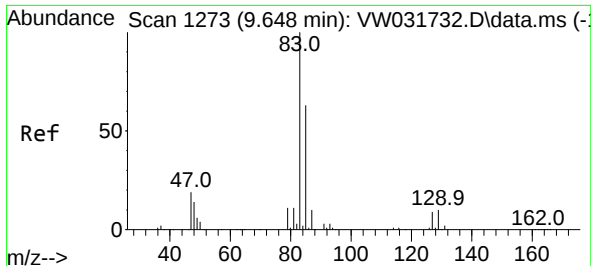
Tgt Ion: 63 Resp: 142562
Ion Ratio Lower Upper
63 100
65 33.2 24.2 36.4



#46
Dibromomethane
Concen: 52.504 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 93 Resp: 92714
Ion Ratio Lower Upper
93 100
95 84.9 67.0 100.4
174 92.8 71.7 107.5

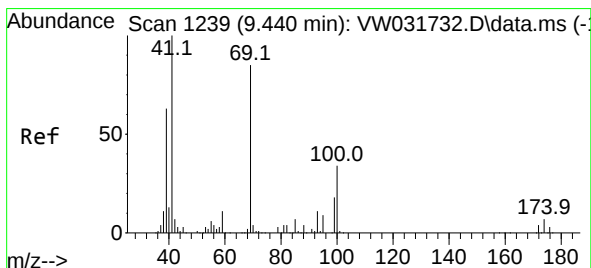
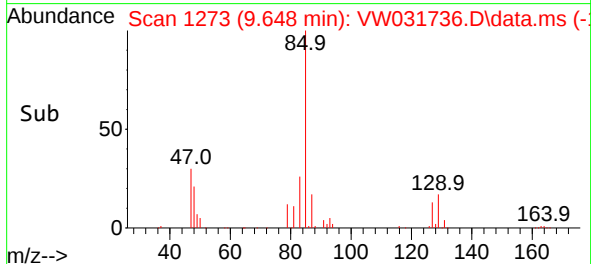
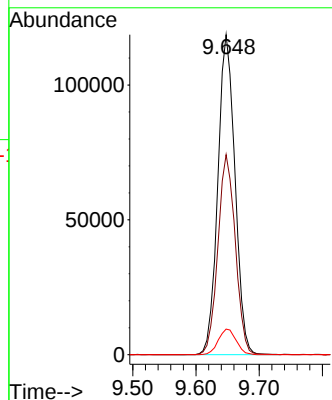
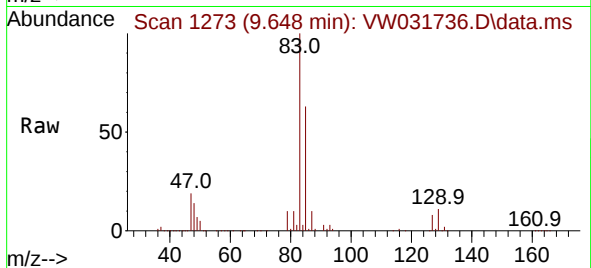




#47
Bromodichloromethane
Concen: 53.804 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

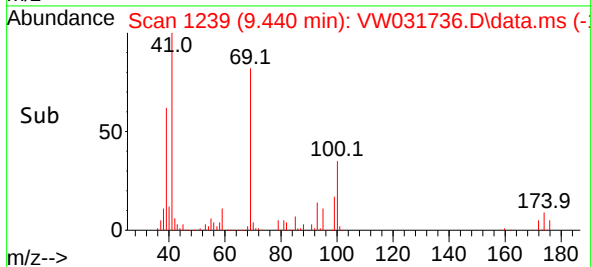
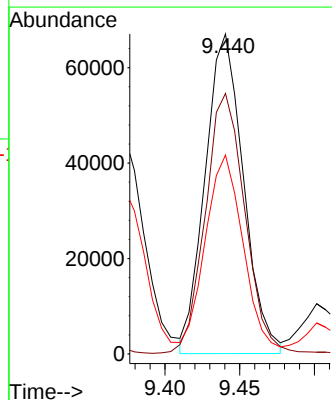
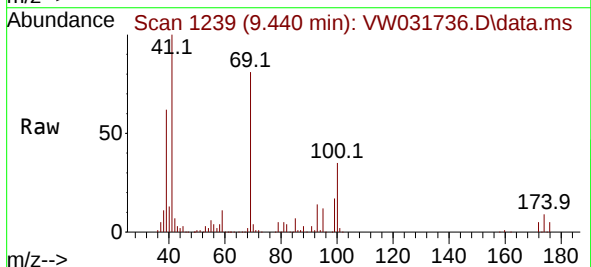
Instrument :
MSVOA_W
ClientSampleId :

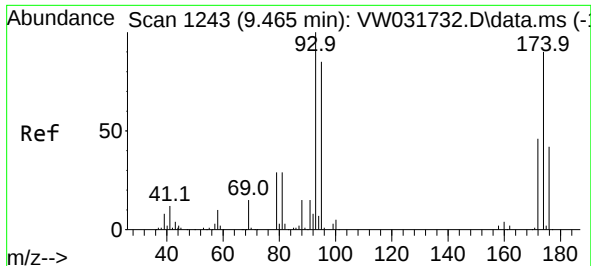
Tgt Ion: 83 Resp: 222794
Ion Ratio Lower Upper
83 100
85 62.5 50.8 76.2
127 8.0 6.8 10.2



#48
Methyl methacrylate
Concen: 58.260 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 41 Resp: 119156
Ion Ratio Lower Upper
41 100
69 84.7 71.6 107.4
39 57.1 49.5 74.3





#49

1,4-Dioxane

Concen: 1062.966 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

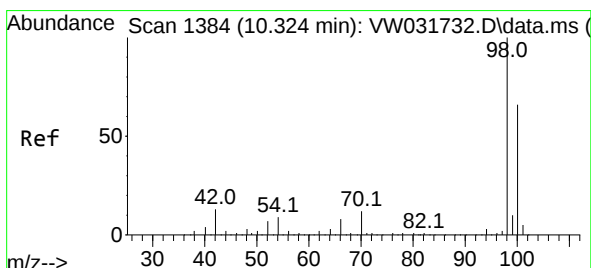
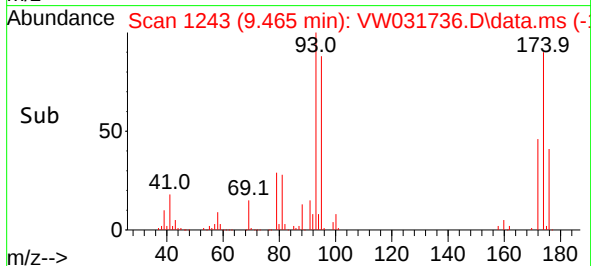
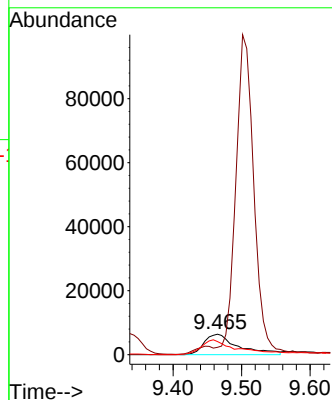
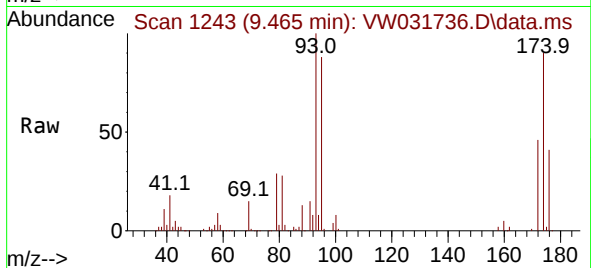
Tgt Ion: 88 Resp: 21984

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.3 58.3 87.5



#50

Toluene-d8

Concen: 50.552 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031736.D

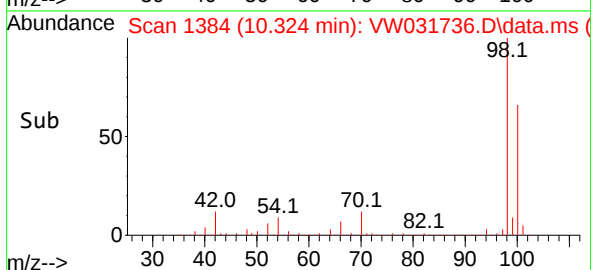
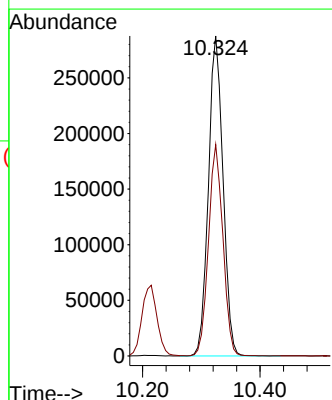
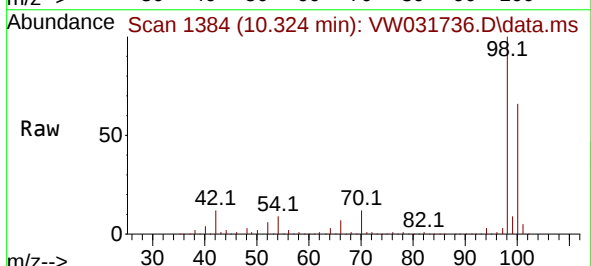
Acq: 30 Jun 2025 15:23

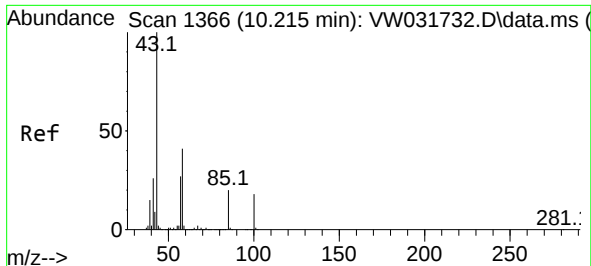
Tgt Ion: 98 Resp: 497288

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4

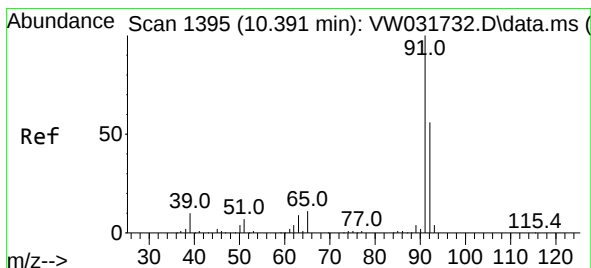
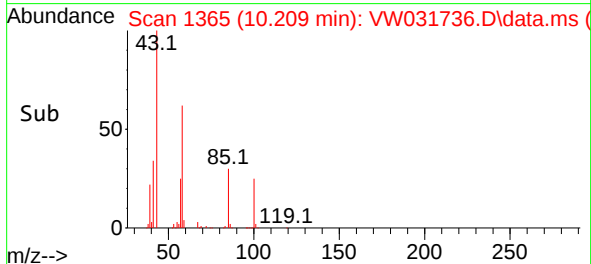
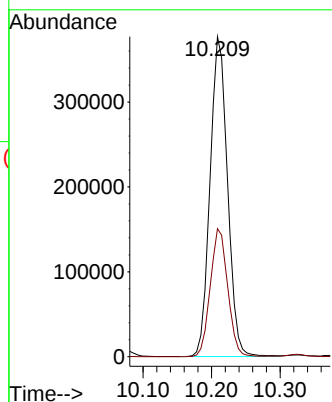
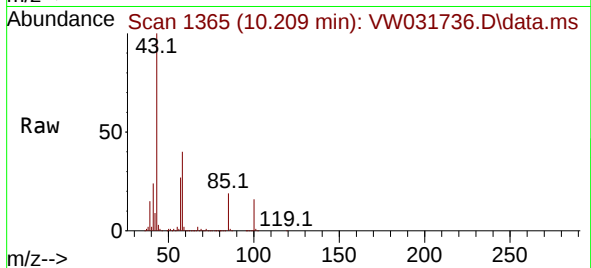




#51
4-Methyl-2-Pentanone
Concen: 279.124 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

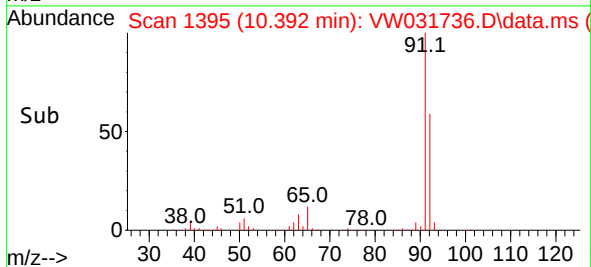
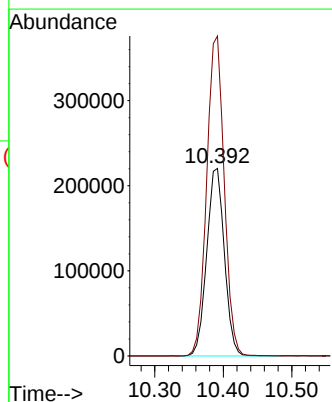
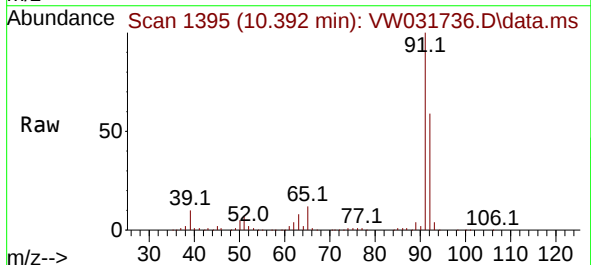
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 667473
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 54.503 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 92 Resp: 394923
Ion Ratio Lower Upper
92 100
91 169.4 139.5 209.3

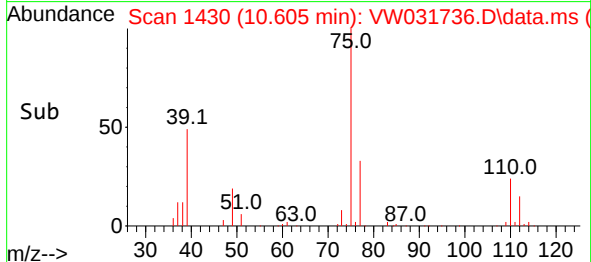
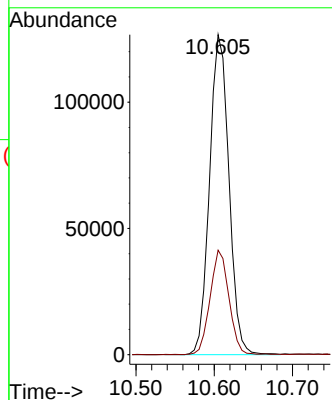
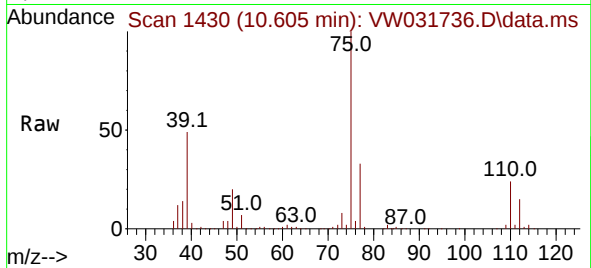




#53
t-1,3-Dichloropropene
Concen: 56.049 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

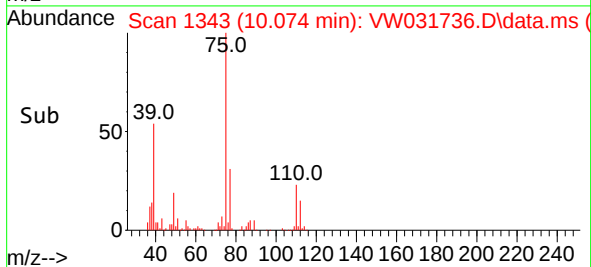
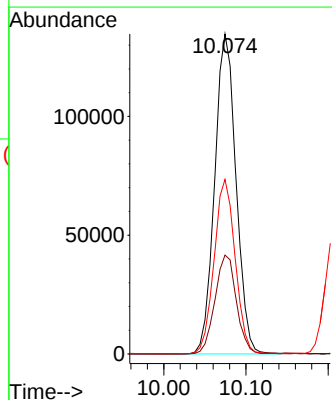
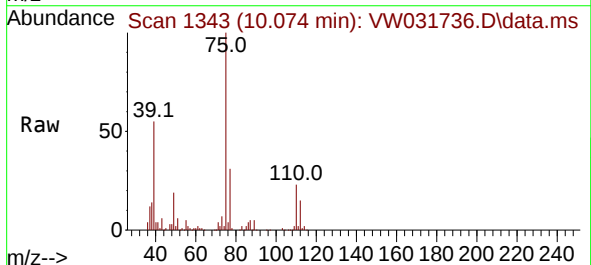
Instrument :
MSVOA_W
ClientSampleId :

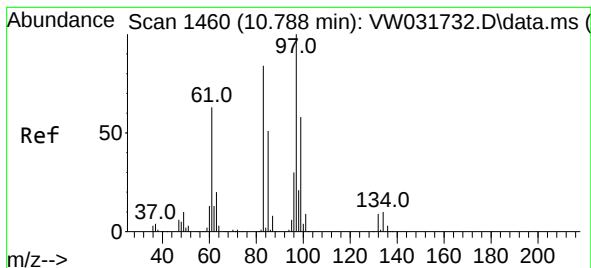
Tgt Ion: 75 Resp: 217762
Ion Ratio Lower Upper
75 100
77 32.6 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 55.157 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 75 Resp: 242935
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2
39 54.4 41.8 62.6

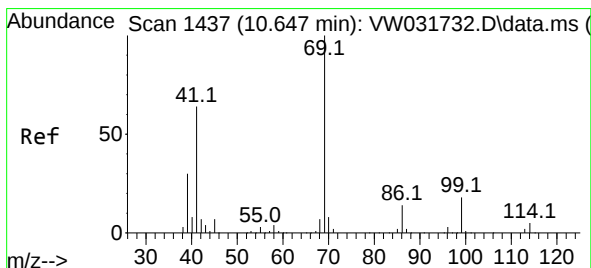
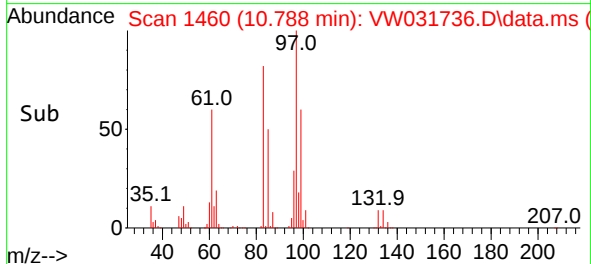
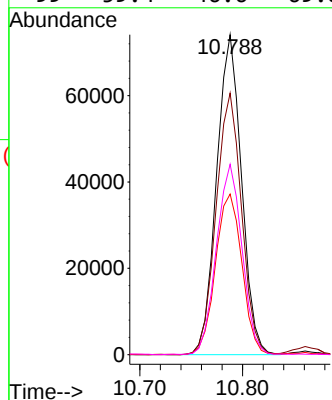
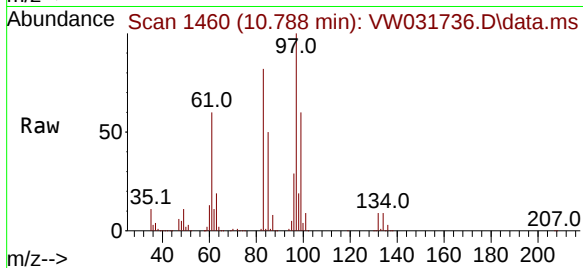




#55
1,1,2-Trichloroethane
Concen: 53.844 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

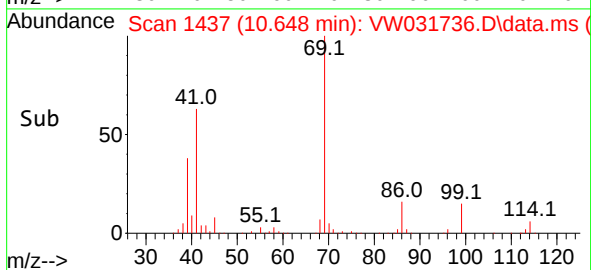
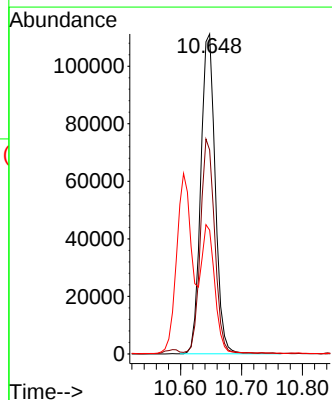
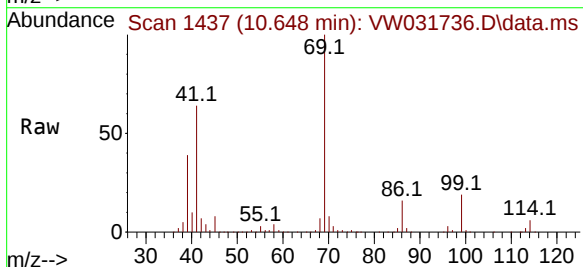
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	97	Resp:	124548
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.9	100.3
85	50.2	41.1	61.7
99	59.4	46.6	69.8



#56
Ethyl methacrylate
Concen: 58.189 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion:	69	Resp:	182604
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.3	79.9
39	35.4	30.2	45.2





#57

1,3-Dichloropropane

Concen: 51.971 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

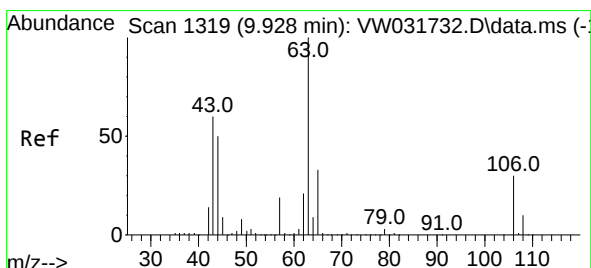
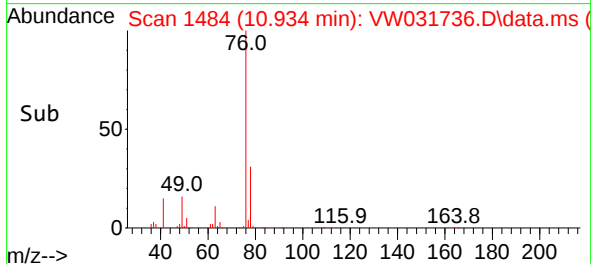
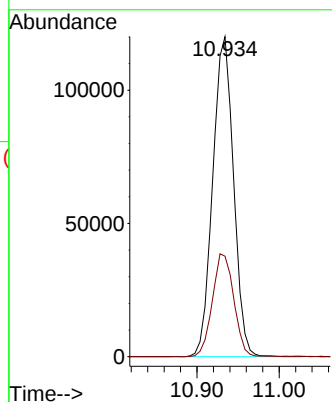
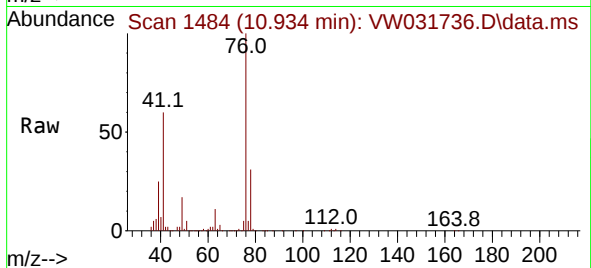
ClientSampleId :

Tgt Ion: 76 Resp: 211062

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 281.479 ug/l

RT: 9.922 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VW031736.D

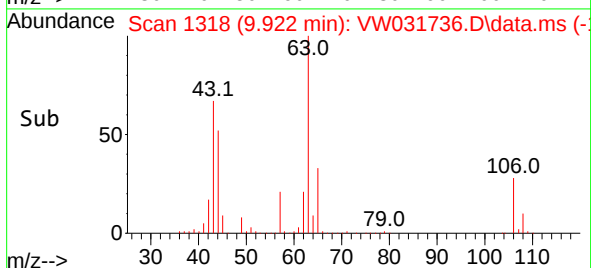
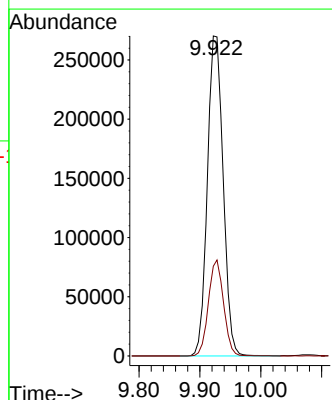
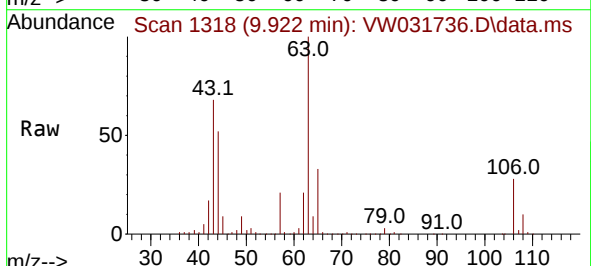
Acq: 30 Jun 2025 15:23

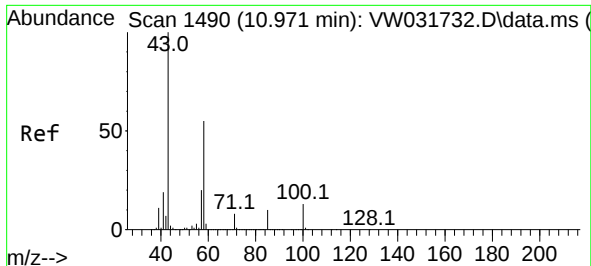
Tgt Ion: 63 Resp: 486398

Ion Ratio Lower Upper

63 100

106 28.7 24.1 36.1

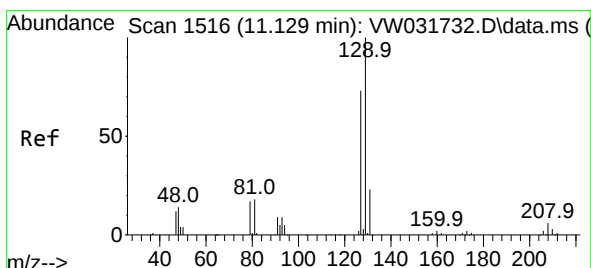
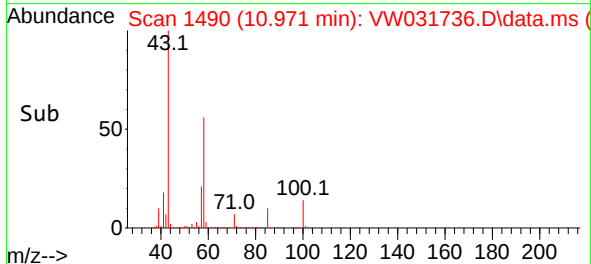
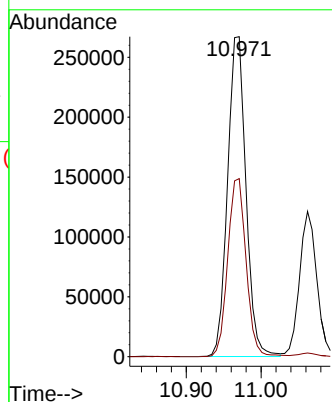
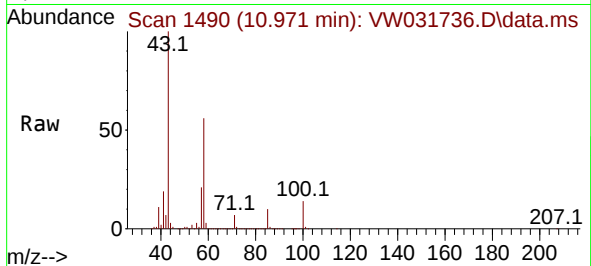




#59
2-Hexanone
Concen: 282.722 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

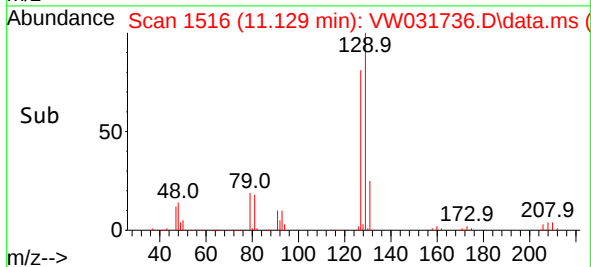
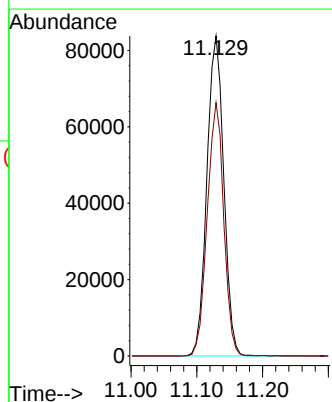
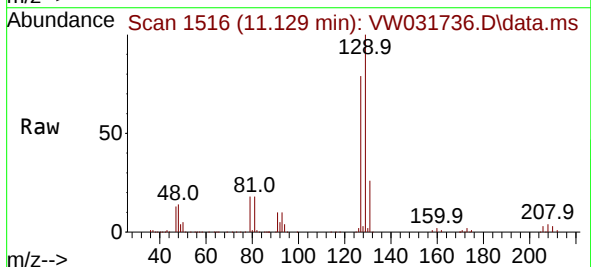
Instrument :
MSVOA_W
ClientSampleId :

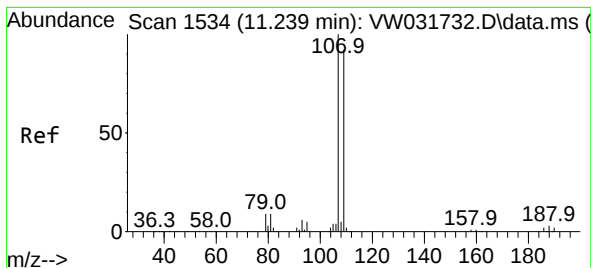
Tgt Ion: 43 Resp: 458136
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 53.973 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion:129 Resp: 149294
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.1

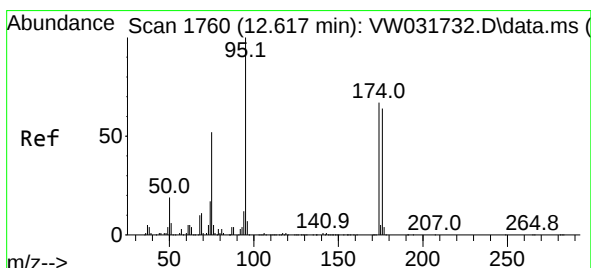
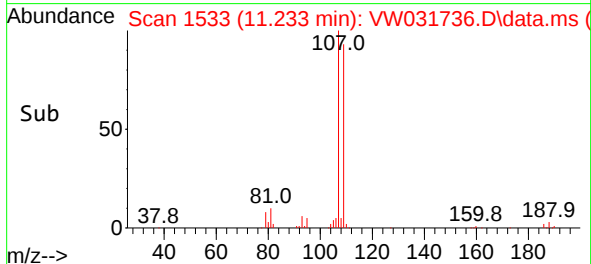
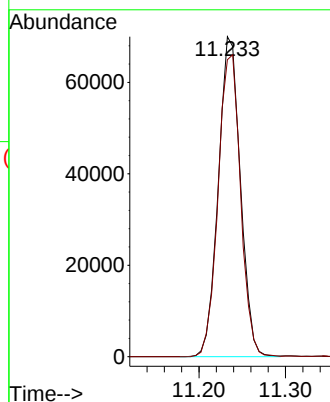
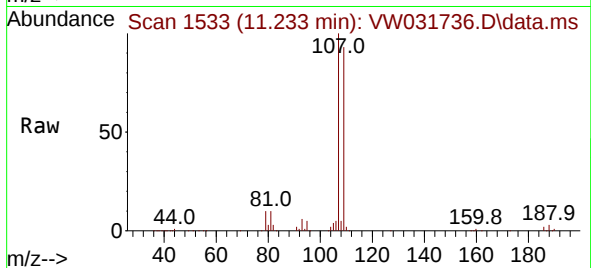




#61
1,2-Dibromoethane
Concen: 53.440 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

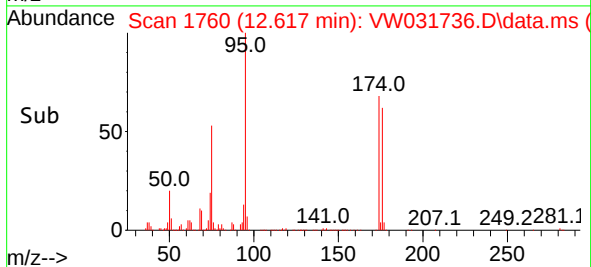
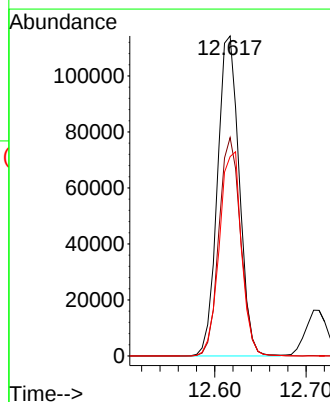
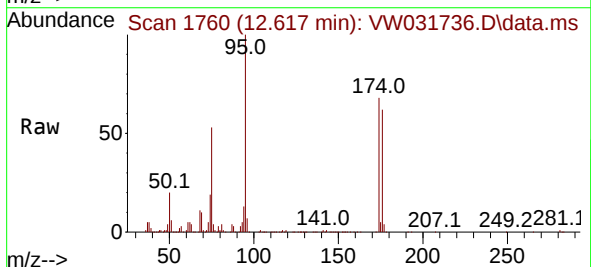
Instrument :
MSVOA_W
ClientSampleId :

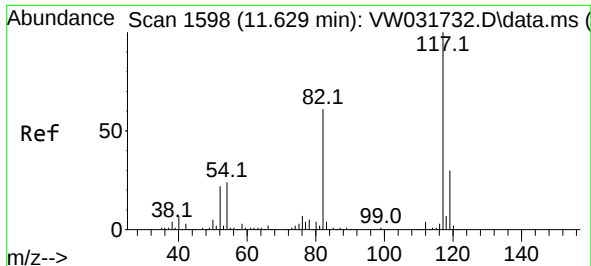
Tgt Ion:107 Resp: 123748
Ion Ratio Lower Upper
107 100
109 96.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.265 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 95 Resp: 189206
Ion Ratio Lower Upper
95 100
174 68.0 0.0 133.8
176 64.9 0.0 126.0

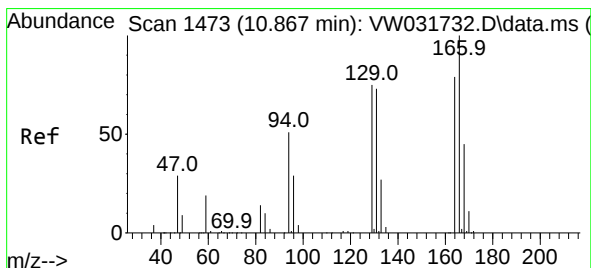
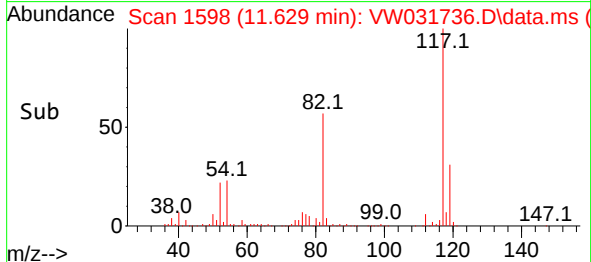
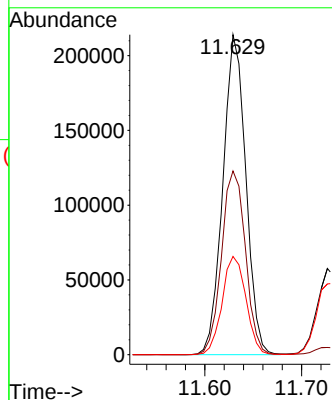
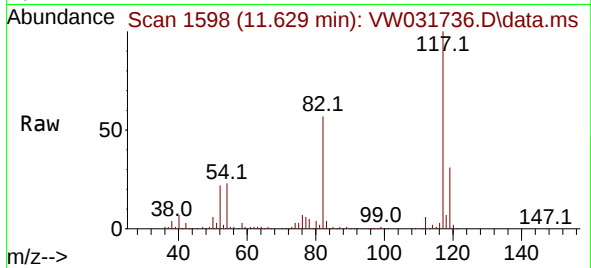




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

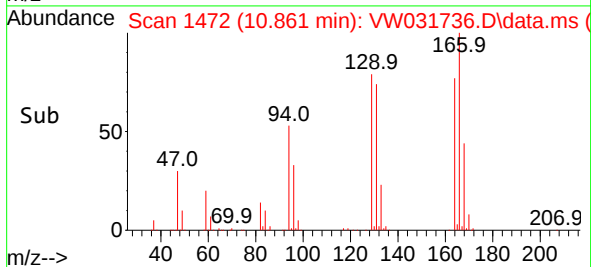
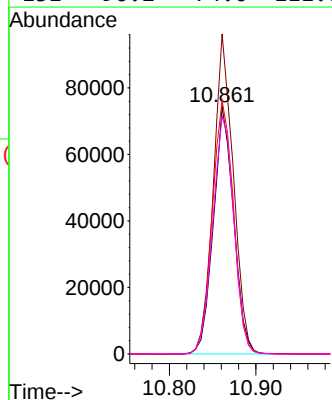
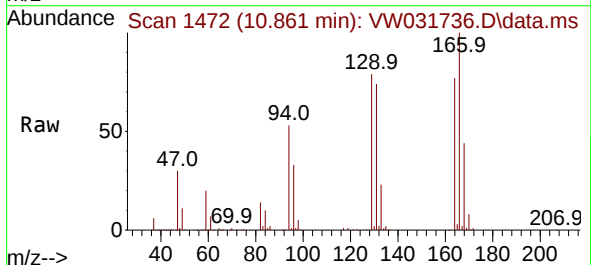
Instrument :
MSVOA_W
ClientSampleId :

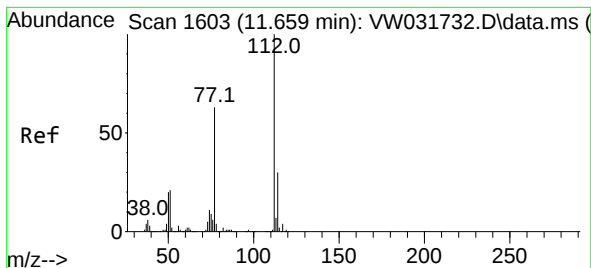
Tgt Ion:117 Resp: 352363
Ion Ratio Lower Upper
117 100
82 57.4 48.6 72.8
119 30.7 23.9 35.9



#64
Tetrachloroethene
Concen: 52.421 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

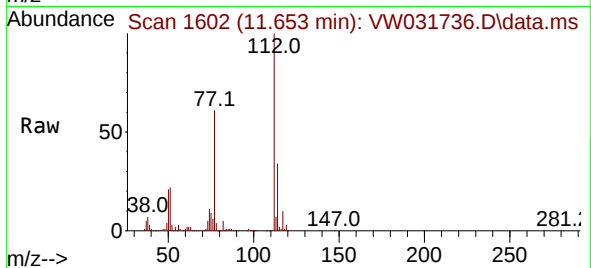
Tgt Ion:164 Resp: 120824
Ion Ratio Lower Upper
164 100
166 129.5 100.7 151.1
129 102.5 75.4 113.0
131 96.2 74.0 111.0



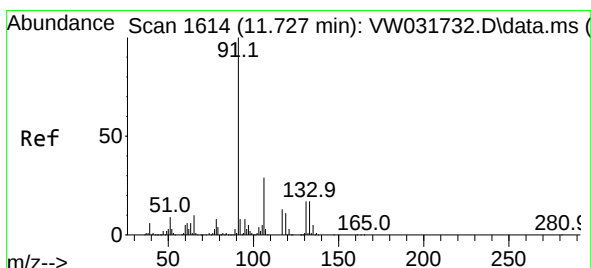
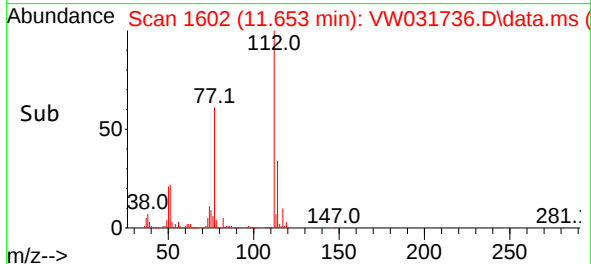
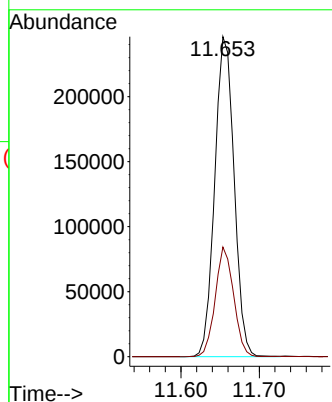


#65
Chlorobenzene
Concen: 54.443 ug/l
RT: 11.653 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Instrument :
MSVOA_W
ClientSampleId :

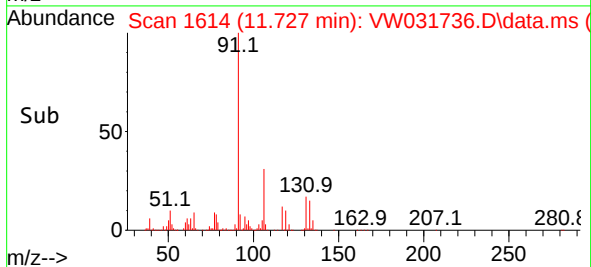
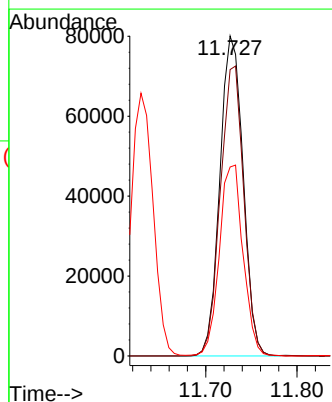
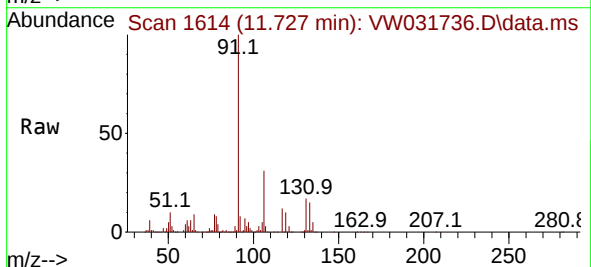


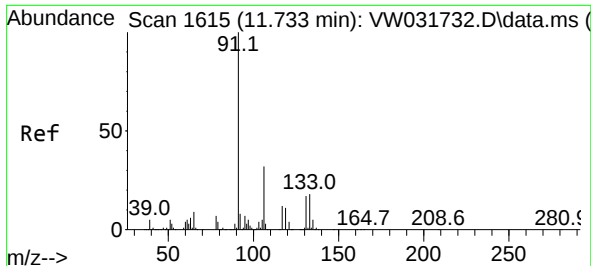
Tgt Ion:112 Resp: 423257
Ion Ratio Lower Upper
112 100
114 34.3 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 57.176 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion:131 Resp: 141650
Ion Ratio Lower Upper
131 100
133 91.3 48.5 145.6
119 61.0 32.5 97.5





#67

Ethyl Benzene

Concen: 56.161 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

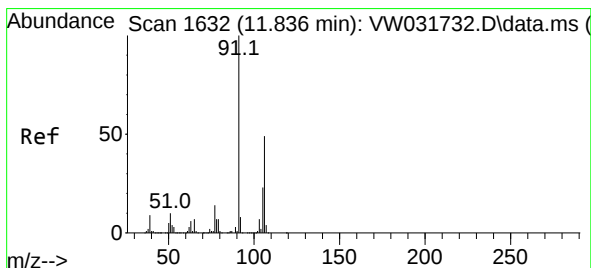
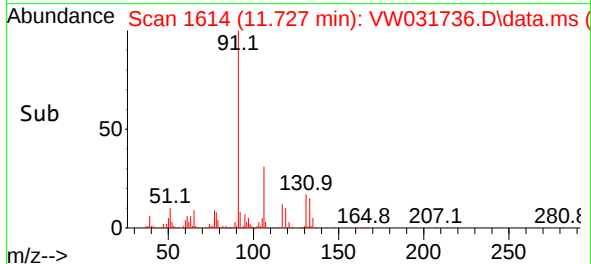
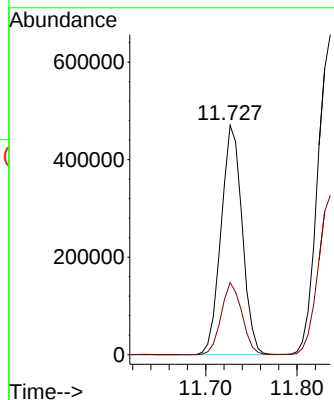
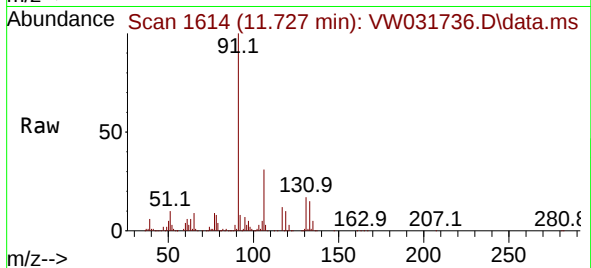
ClientSampleId :

Tgt Ion: 91 Resp: 757105

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.2



#68

m/p-Xylenes

Concen: 113.903 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031736.D

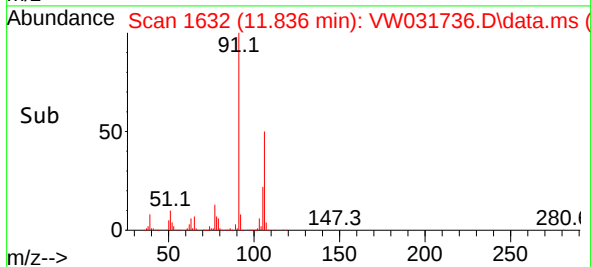
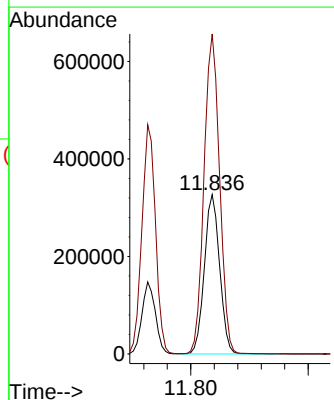
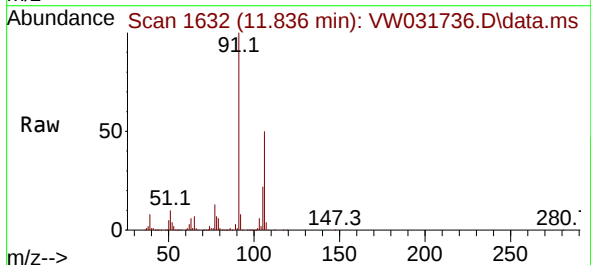
Acq: 30 Jun 2025 15:23

Tgt Ion:106 Resp: 590281

Ion Ratio Lower Upper

106 100

91 204.7 166.4 249.6

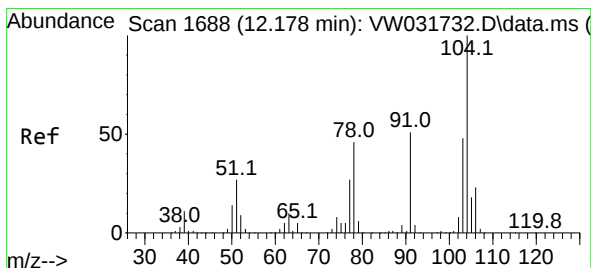
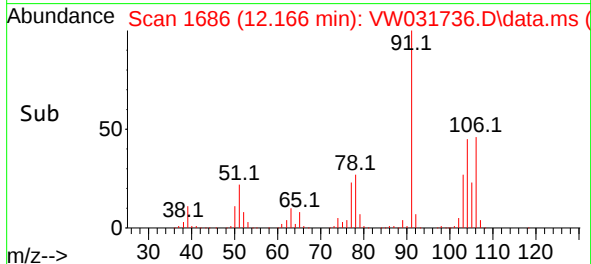
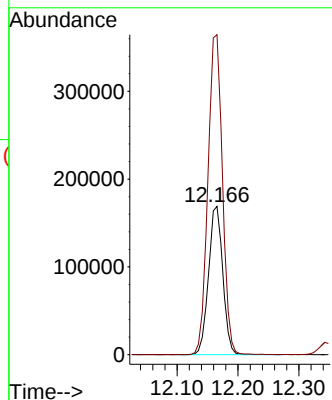
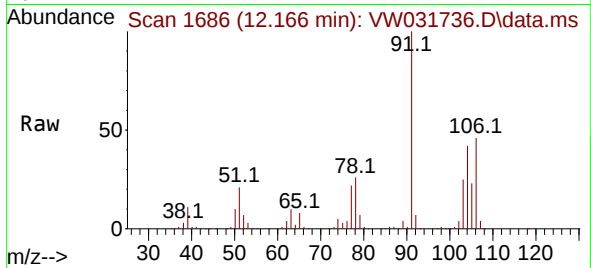




#69
o-Xylene
Concen: 57.208 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

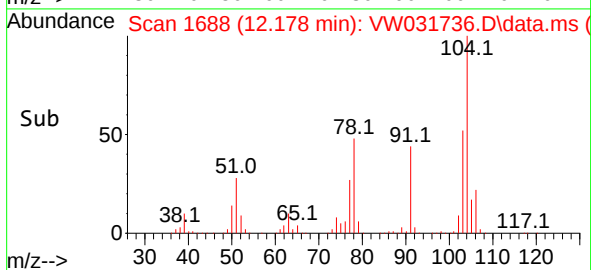
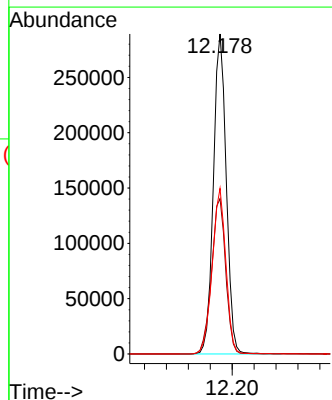
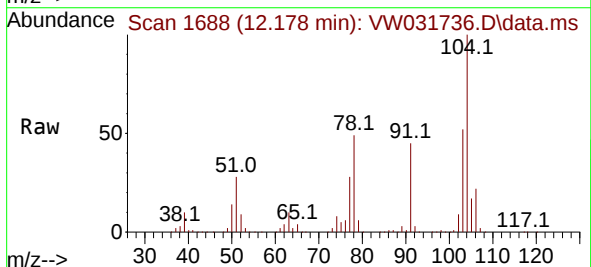
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 274498
Ion Ratio Lower Upper
106 100
91 219.7 111.5 334.4



#70
Styrene
Concen: 56.574 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion:104 Resp: 469288
Ion Ratio Lower Upper
104 100
78 53.3 42.1 63.1
103 54.9 43.0 64.6





#71

Bromoform

Concen: 58.331 ug/l

RT: 12.348 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

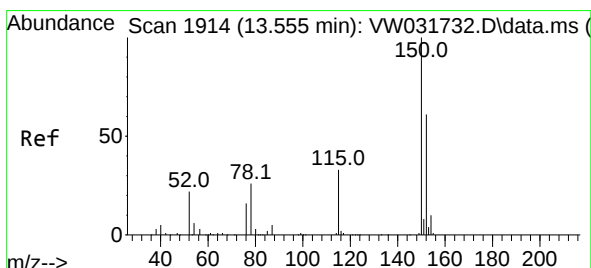
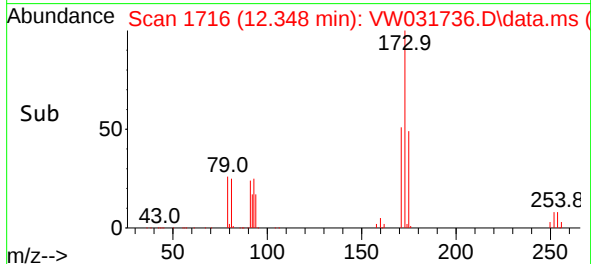
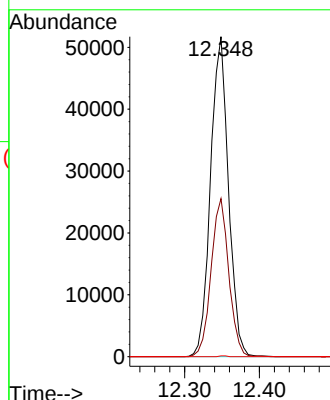
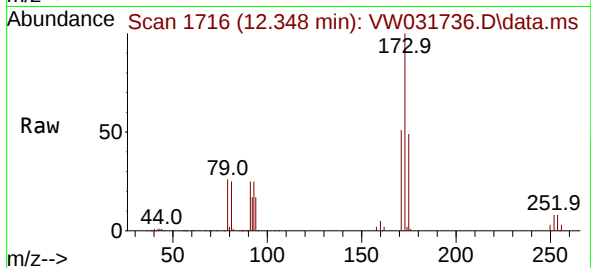
Tgt Ion:173 Resp: 86209

Ion Ratio Lower Upper

173 100

175 48.9 24.0 72.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

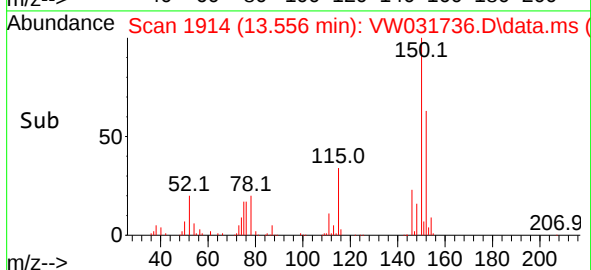
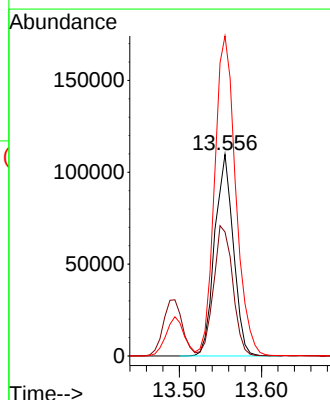
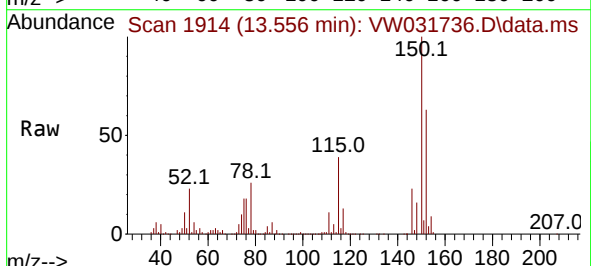
Tgt Ion:152 Resp: 172405

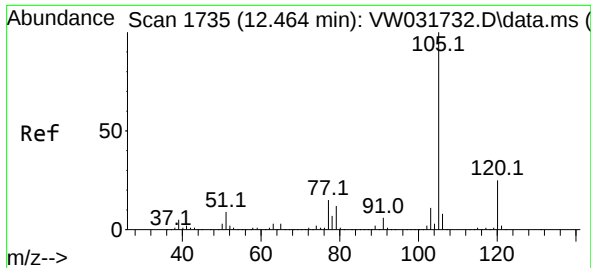
Ion Ratio Lower Upper

152 100

115 66.4 31.9 95.7

150 179.9 0.0 356.4

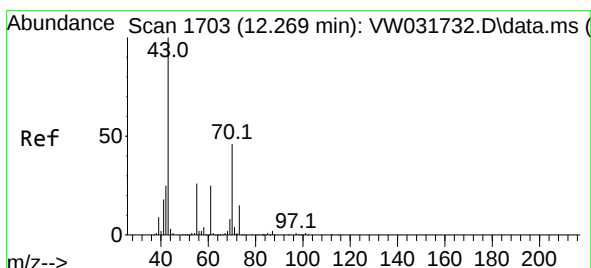
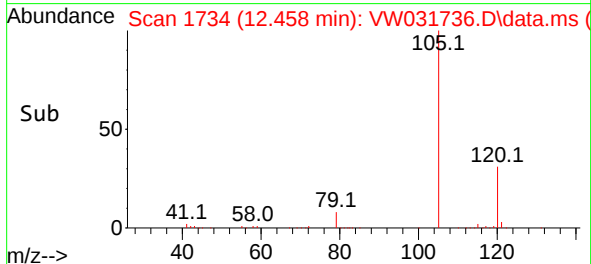
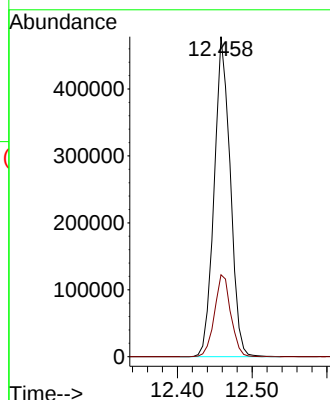
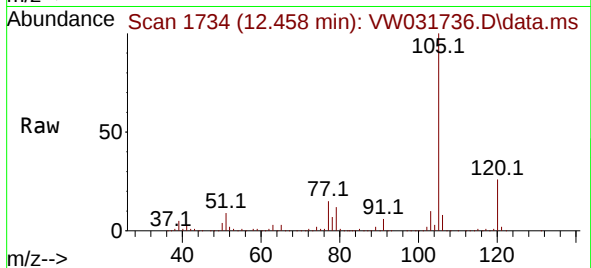




#73
Isopropylbenzene
Concen: 54.594 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

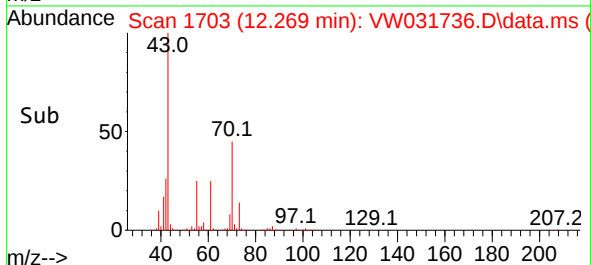
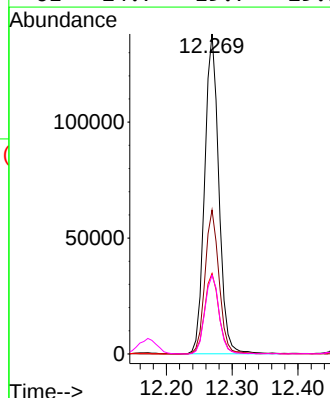
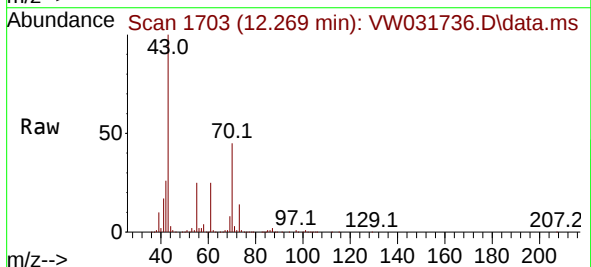
Instrument :
MSVOA_W
ClientSampleId :

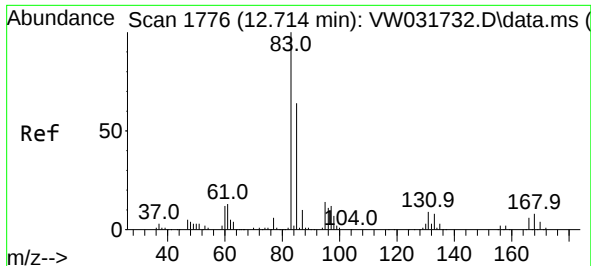
Tgt Ion:105 Resp: 715943
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 58.715 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 43 Resp: 207540
Ion Ratio Lower Upper
43 100
70 44.5 36.0 54.0
55 25.5 20.8 31.2
61 24.7 19.7 29.5

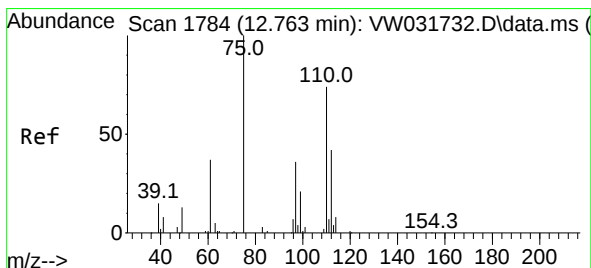
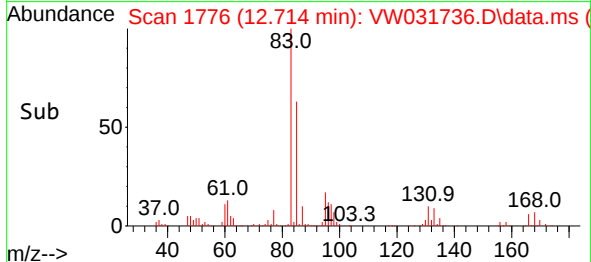
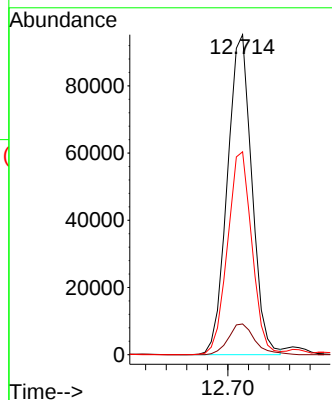
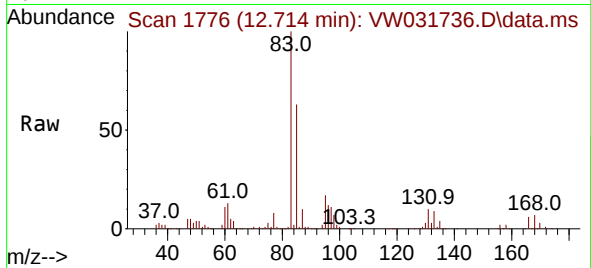




#75
1,1,2,2-Tetrachloroethane
Concen: 54.047 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

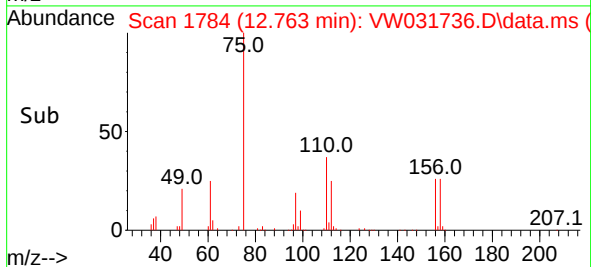
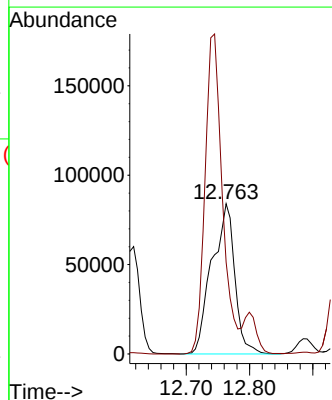
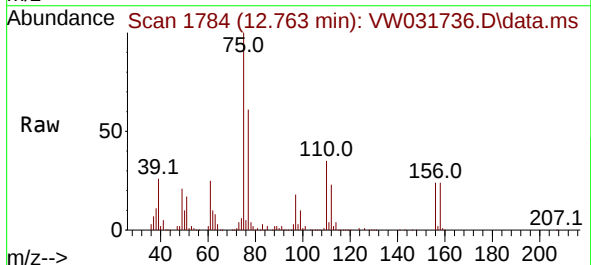
Instrument :
MSVOA_W
ClientSampleId :

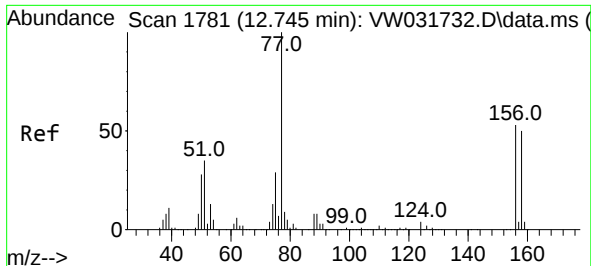
Tgt Ion: 83 Resp: 157354
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 63.2 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 94.733 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 75 Resp: 211061
Ion Ratio Lower Upper
75 100
77 161.2 141.2 423.6

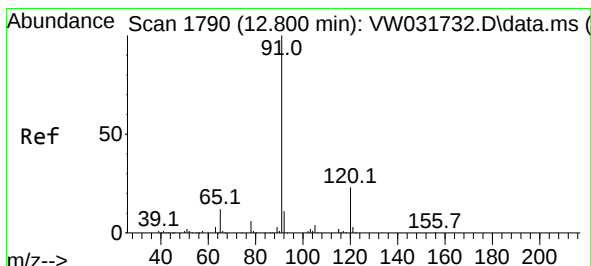
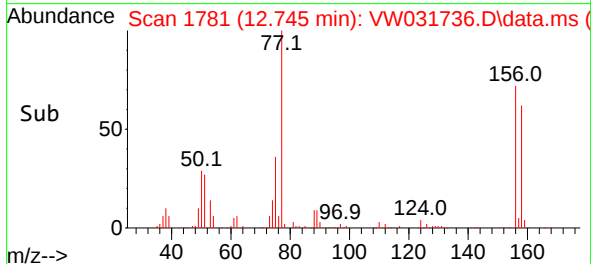
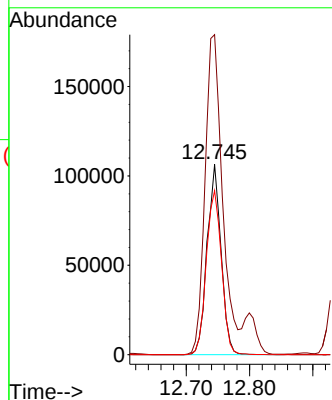
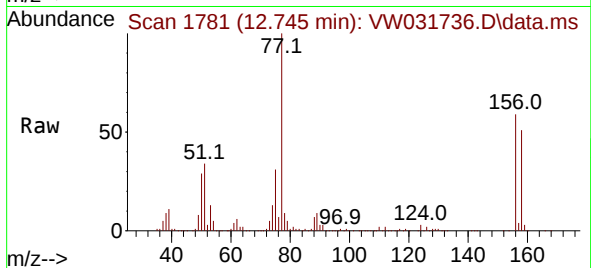




#77
Bromobenzene
Concen: 56.175 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

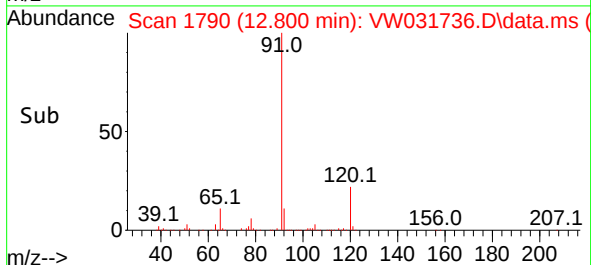
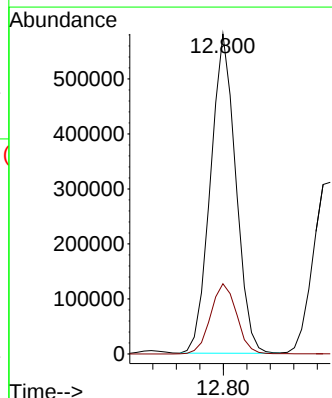
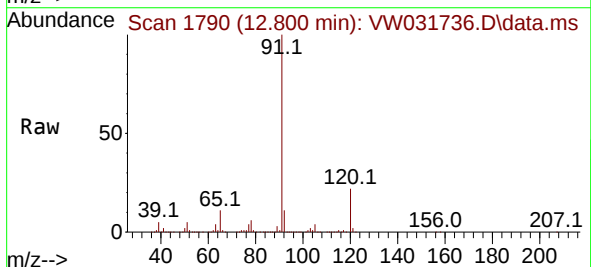
Instrument :
MSVOA_W
ClientSampleId :

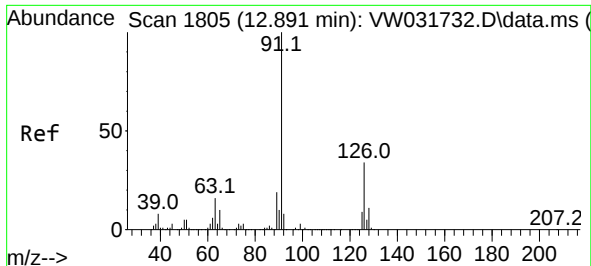
Tgt Ion:156 Resp: 164306
Ion Ratio Lower Upper
156 100
77 207.0 117.9 353.7
158 93.8 52.6 157.8



#78
n-propylbenzene
Concen: 55.325 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 91 Resp: 868816
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

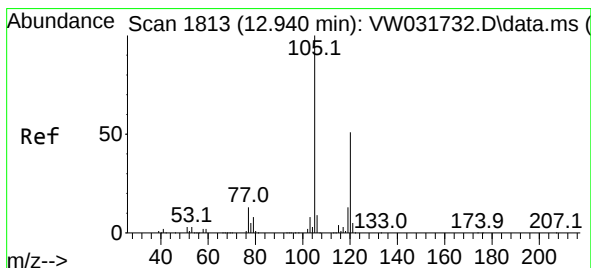
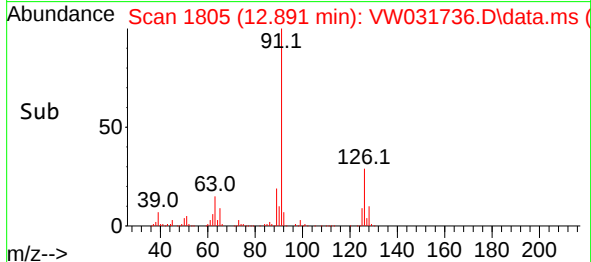
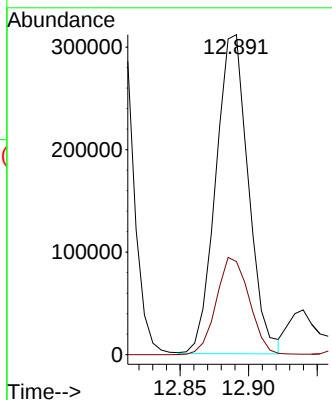
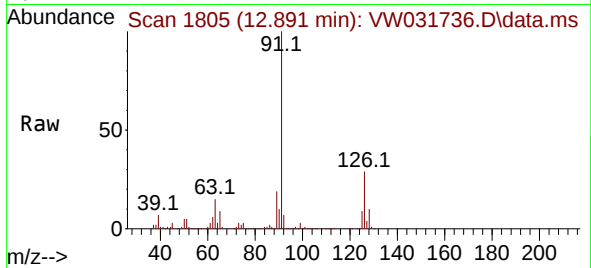




#79
2-Chlorotoluene
Concen: 54.514 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

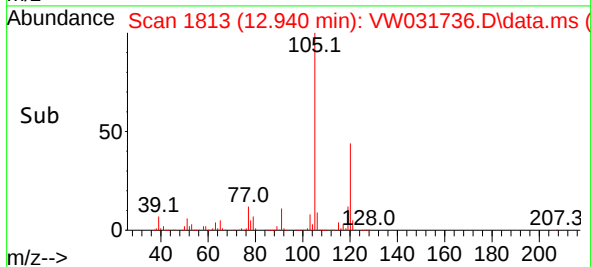
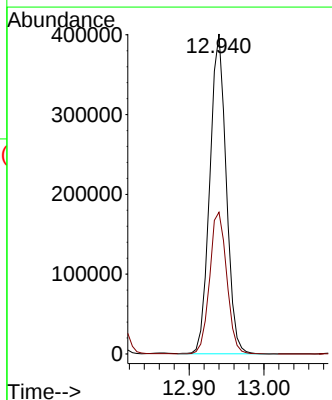
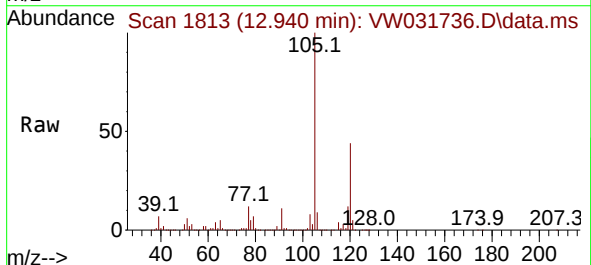
Instrument :
MSVOA_W
ClientSampleId :

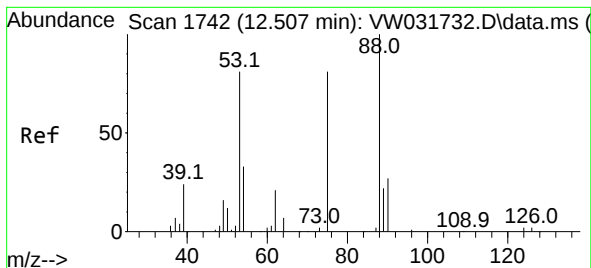
Tgt Ion: 91 Resp: 515508
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 56.260 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion:105 Resp: 610714
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.2

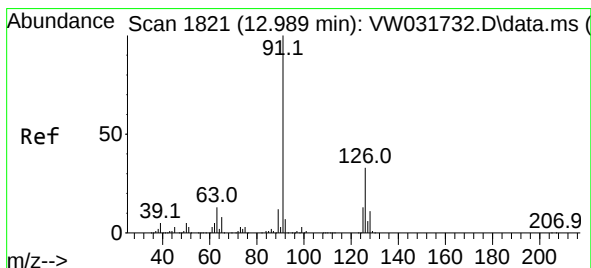
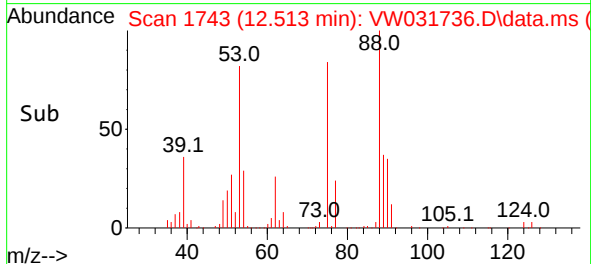
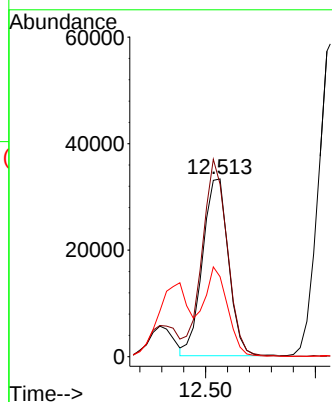
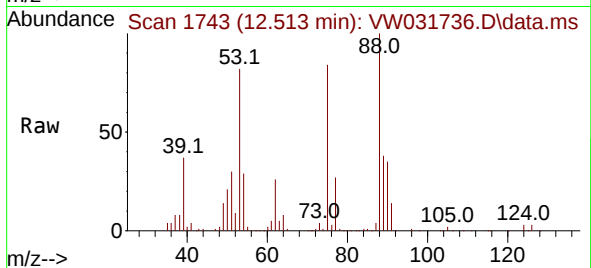




#81
trans-1,4-Dichloro-2-butene
Concen: 57.276 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

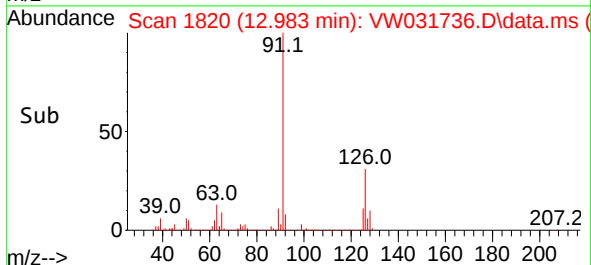
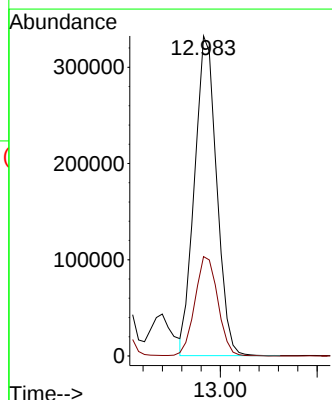
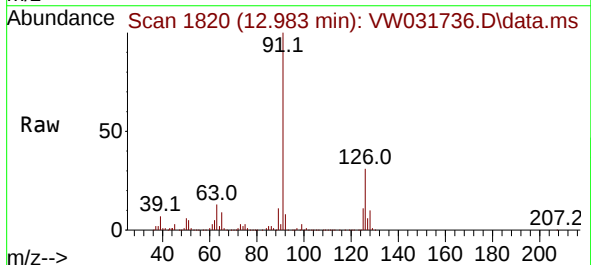
Instrument :
MSVOA_W
ClientSampleId :

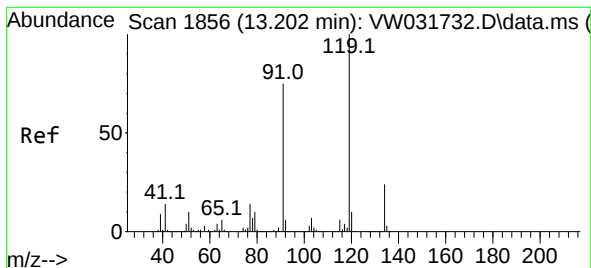
Tgt Ion: 75 Resp: 54787
Ion Ratio Lower Upper
75 100
53 108.5 83.5 125.3
89 46.6 38.3 57.5



#82
4-Chlorotoluene
Concen: 53.189 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 91 Resp: 528072
Ion Ratio Lower Upper
91 100
126 32.3 16.0 47.9

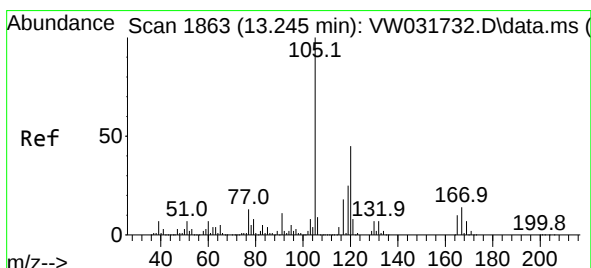
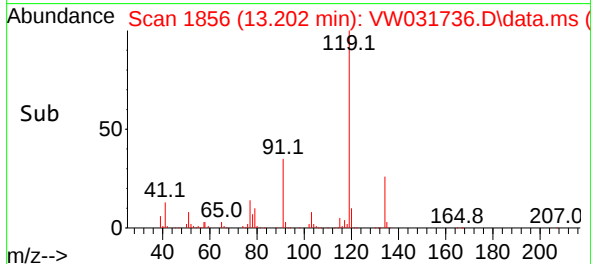
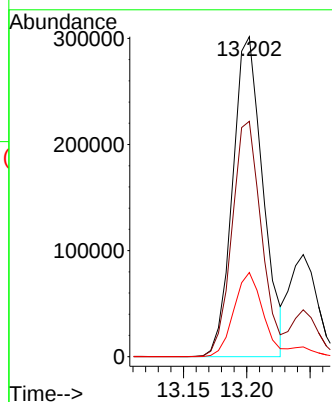
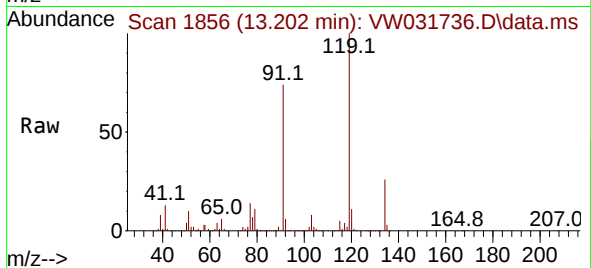




#83
tert-Butylbenzene
Concen: 53.999 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

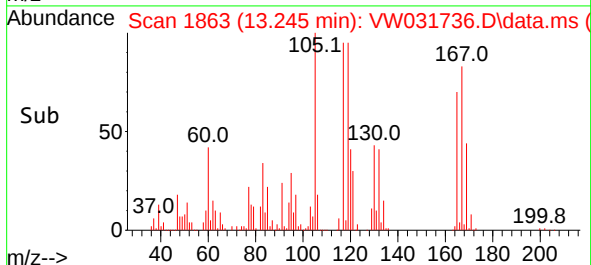
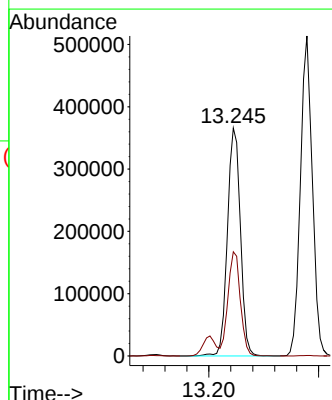
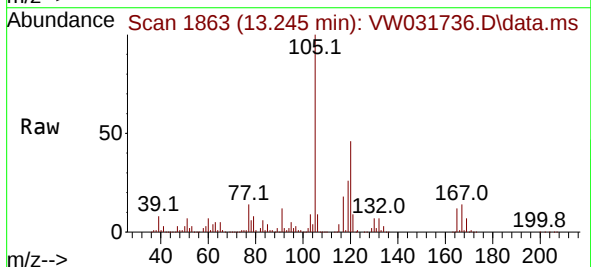
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:119 Resp: 502105
Ion Ratio Lower Upper
119 100
91 71.4 36.0 108.1
134 25.5 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 54.815 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion:105 Resp: 602889
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1

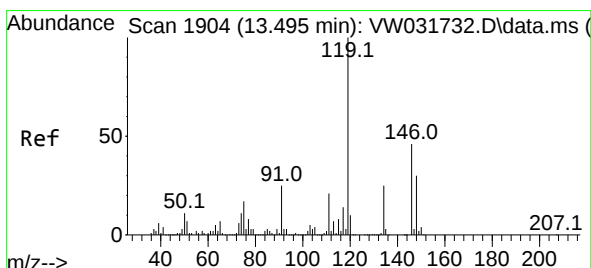
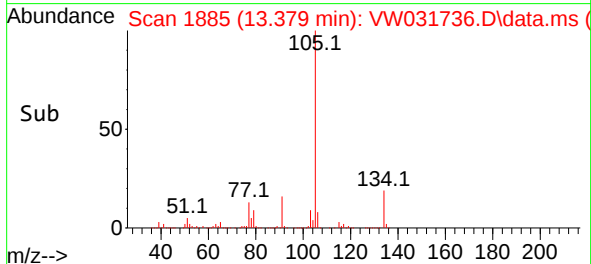
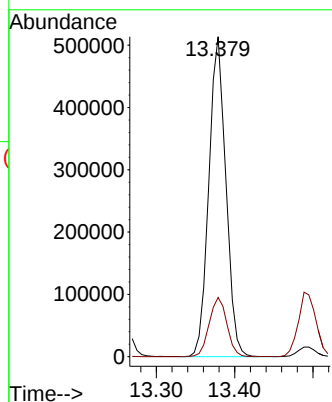
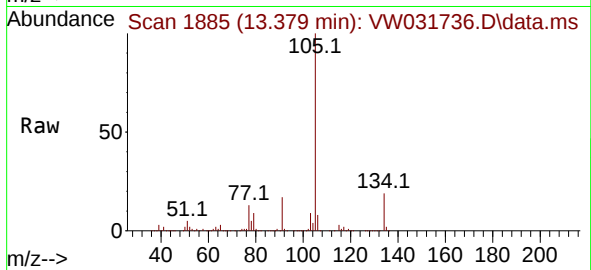




#85
 sec-Butylbenzene
 Concen: 55.450 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031736.D
 Acq: 30 Jun 2025 15:23

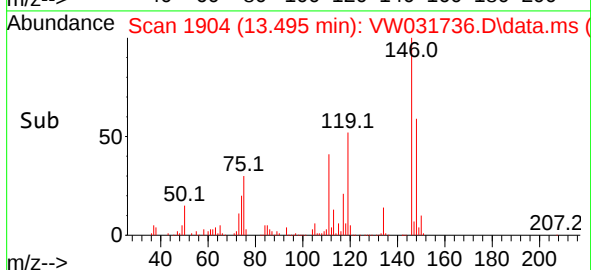
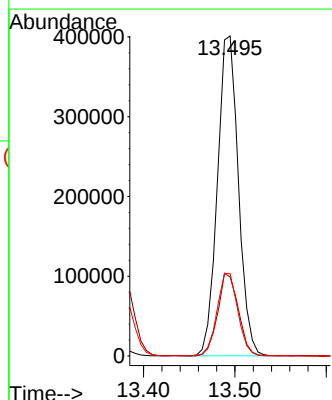
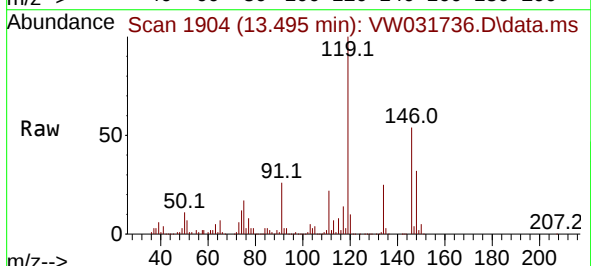
Instrument :
 MSVOA_W
 ClientSampleId :

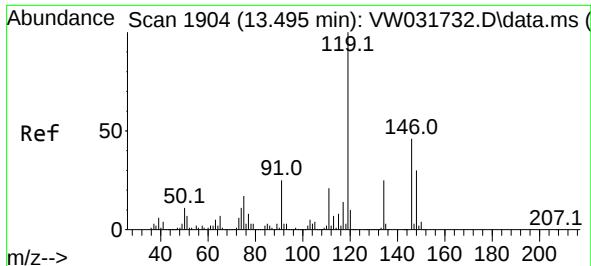
Tgt Ion:105 Resp: 773900
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 55.591 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031736.D
 Acq: 30 Jun 2025 15:23

Tgt Ion:119 Resp: 639419
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 25.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 54.762 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

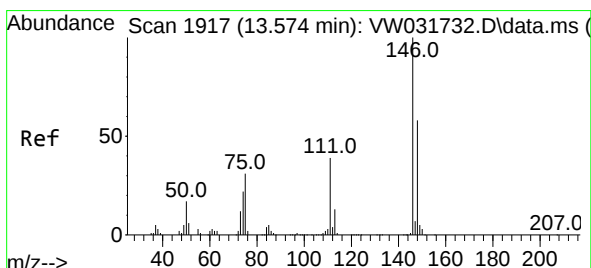
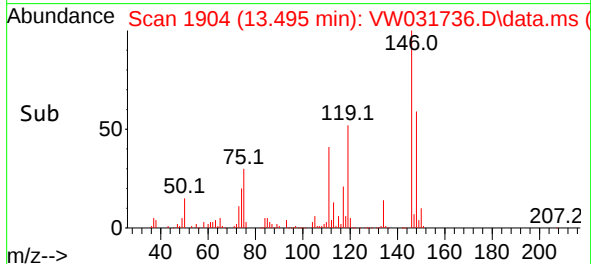
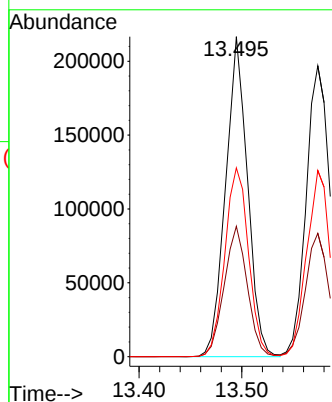
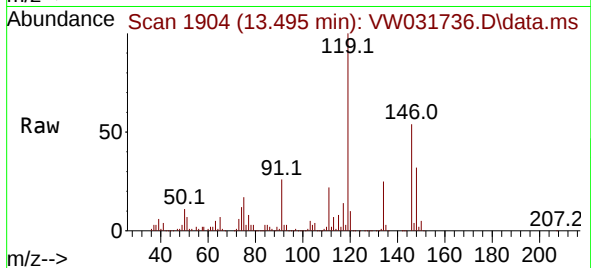
Tgt Ion:146 Resp: 321218

Ion Ratio Lower Upper

146 100

111 43.0 22.3 66.9

148 63.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 52.771 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

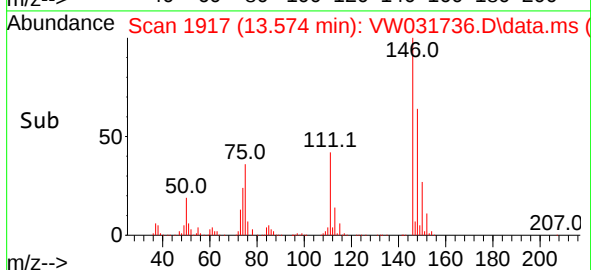
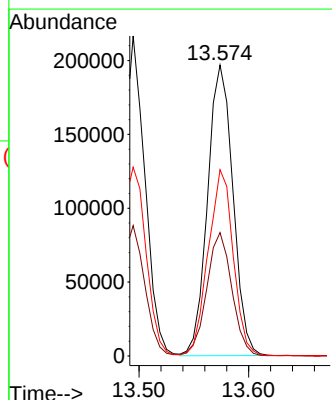
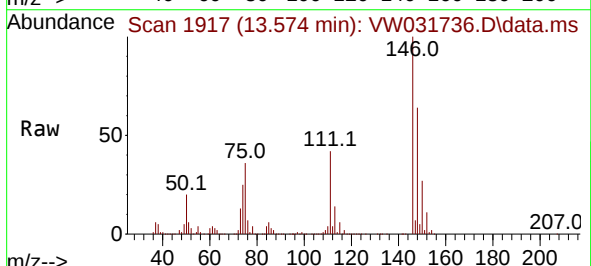
Tgt Ion:146 Resp: 316827

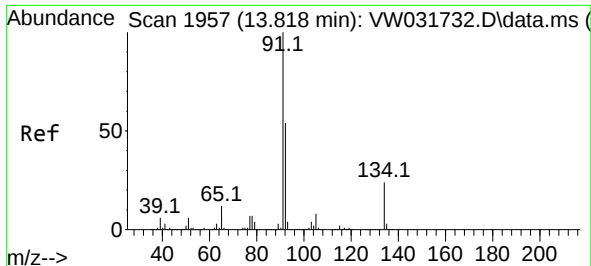
Ion Ratio Lower Upper

146 100

111 42.0 20.4 61.3

148 63.4 30.2 90.6

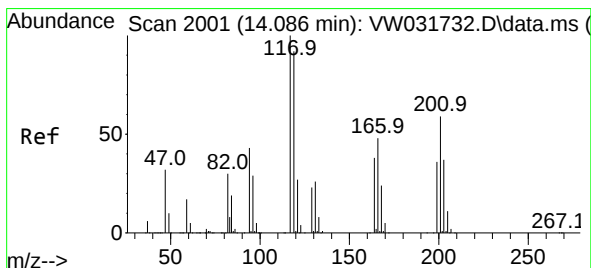
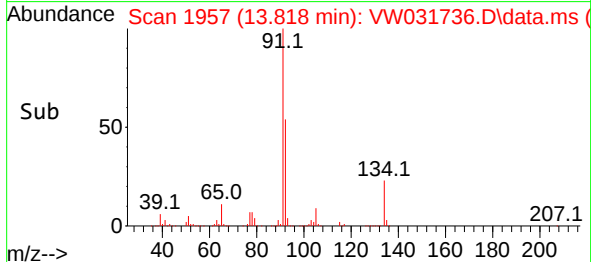
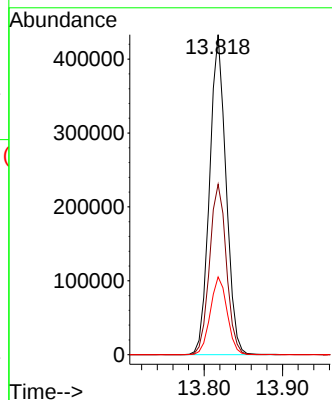
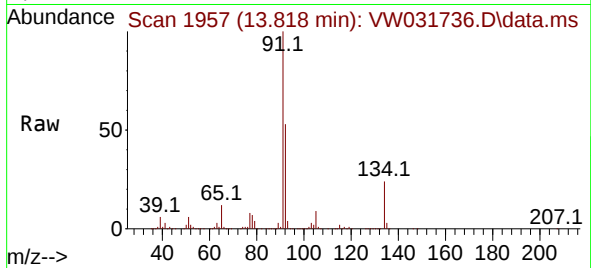




#89
n-Butylbenzene
Concen: 56.443 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

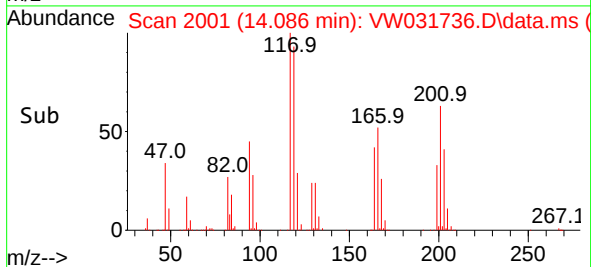
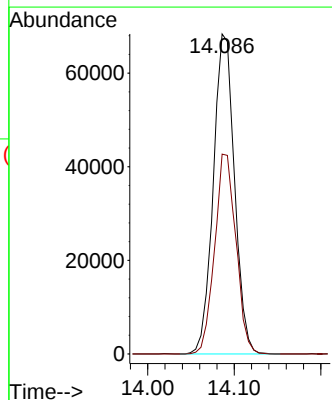
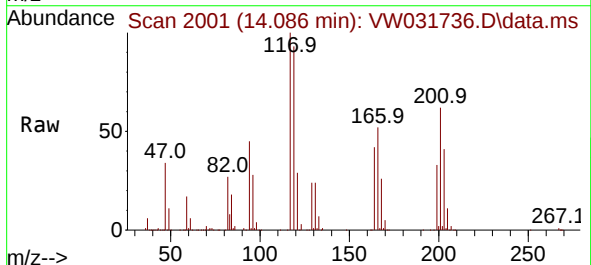
Instrument :
MSVOA_W
ClientSampleId :

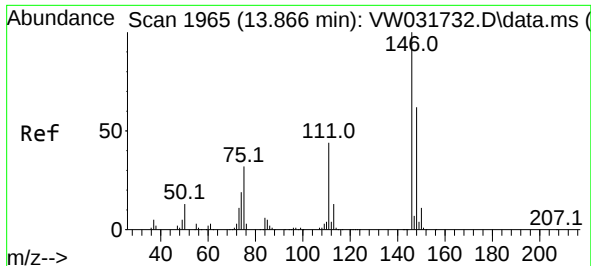
Tgt Ion: 91 Resp: 630792
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 24.9 12.2 36.6



#90
Hexachloroethane
Concen: 56.049 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031736.D
Acq: 30 Jun 2025 15:23

Tgt Ion: 117 Resp: 116309
Ion Ratio Lower Upper
117 100
201 62.7 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 54.274 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. 0.000 min

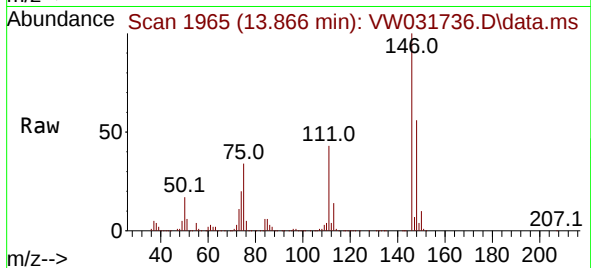
Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :



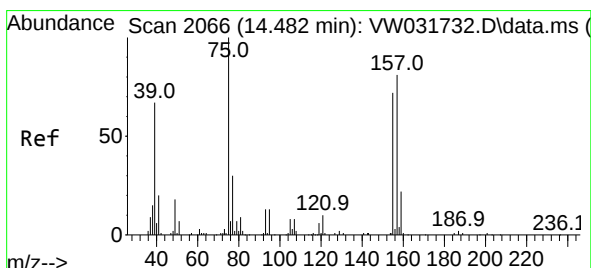
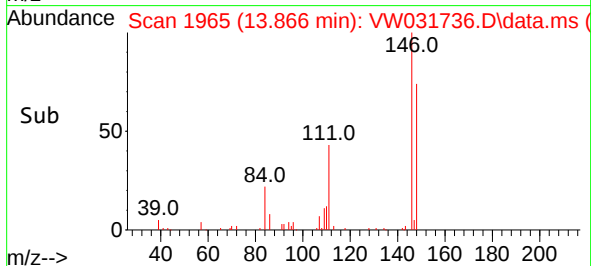
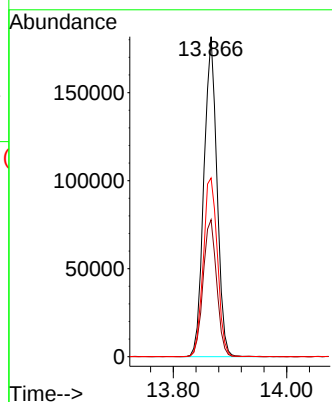
Tgt Ion:146 Resp: 290975

Ion Ratio Lower Upper

146 100

111 44.4 21.7 65.1

148 60.3 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.174 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

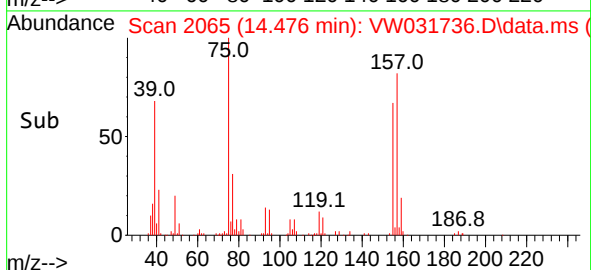
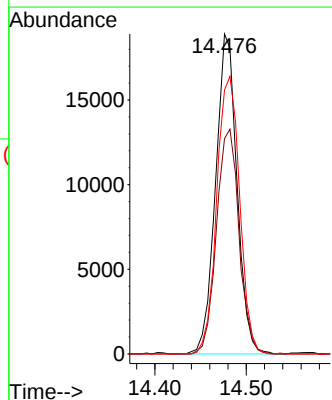
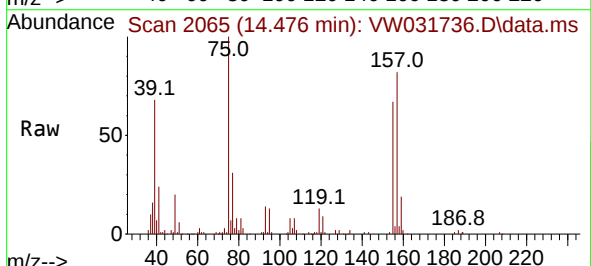
Tgt Ion: 75 Resp: 30797

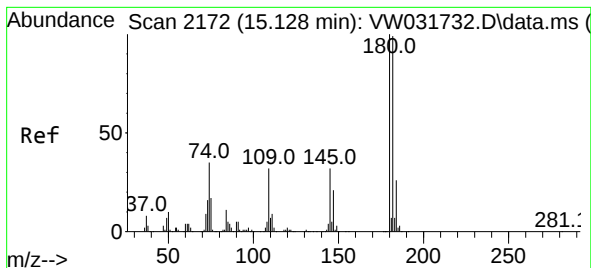
Ion Ratio Lower Upper

75 100

155 73.9 37.2 111.6

157 92.6 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 57.742 ug/l

RT: 15.122 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

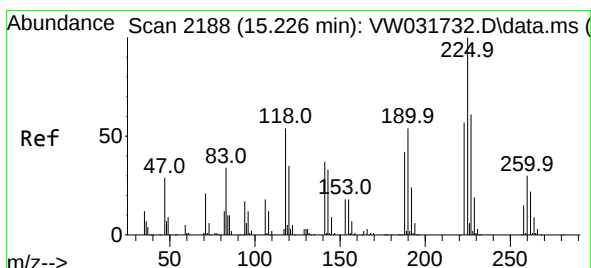
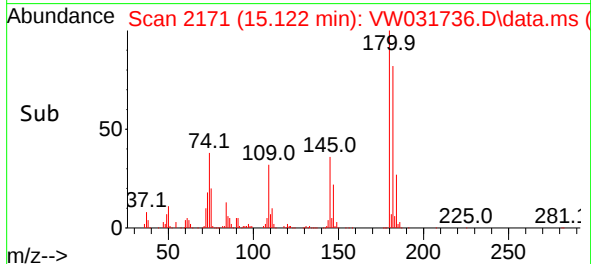
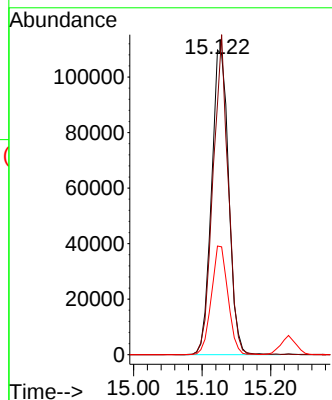
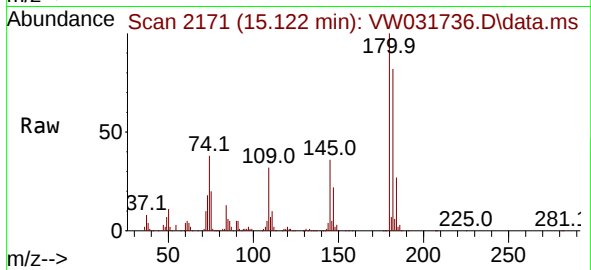
Tgt Ion:180 Resp: 190916

Ion Ratio Lower Upper

180 100

182 92.7 48.6 145.9

145 34.5 17.3 51.7



#94

Hexachlorobutadiene

Concen: 57.772 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

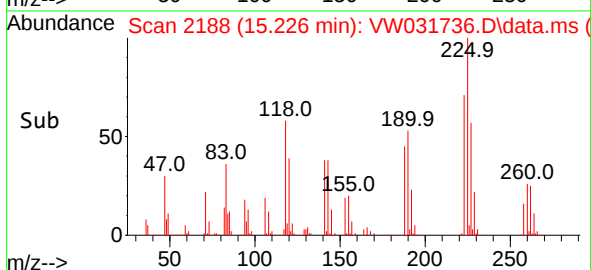
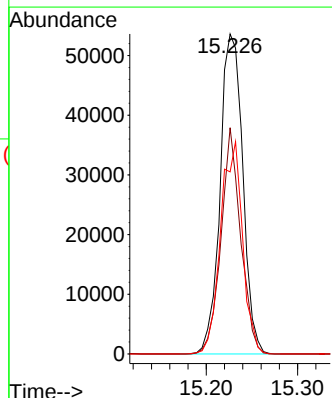
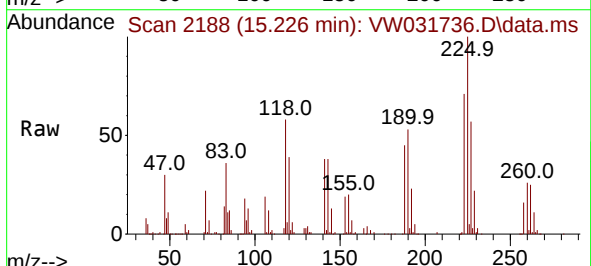
Tgt Ion:225 Resp: 92237

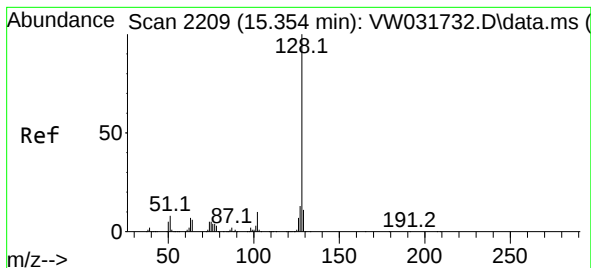
Ion Ratio Lower Upper

225 100

223 61.5 32.6 97.8

227 64.4 37.3 111.8





#95

Naphthalene

Concen: 56.915 ug/l

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Instrument :

MSVOA_W

ClientSampleId :

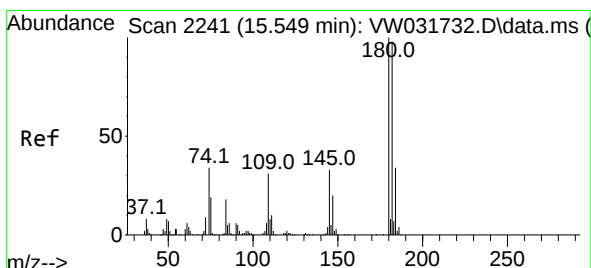
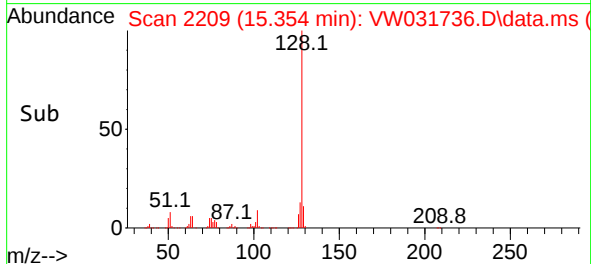
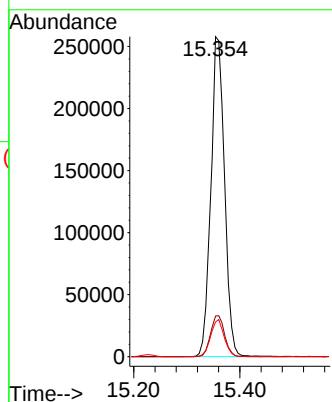
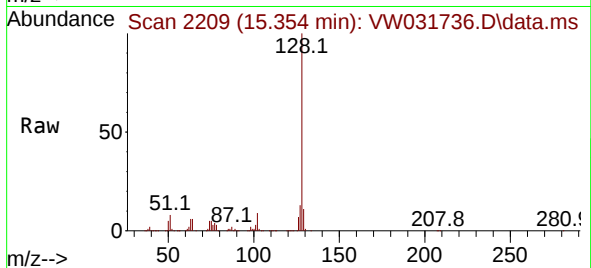
Tgt Ion:128 Resp: 461350

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 57.366 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031736.D

Acq: 30 Jun 2025 15:23

Tgt Ion:180 Resp: 174283

Ion Ratio Lower Upper

180 100

182 91.6 46.4 139.1

145 35.1 17.8 53.3

