

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032204.D
 Acq On : 19 Sep 2025 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 19 23:03:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	193605	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	337702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	309889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	159183	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	140316	50.677	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.360%	
35) Dibromofluoromethane	7.898	113	112844	47.628	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 95.260%	
50) Toluene-d8	10.325	98	401656	48.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	12.617	95	150398	48.900	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 97.800%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	61321	47.973	ug/l	93
3) Chloromethane	2.253	50	70334	52.480	ug/l	99
4) Vinyl Chloride	2.405	62	96372	55.364	ug/l	99
5) Bromomethane	2.820	94	79848	51.367	ug/l	100
6) Chloroethane	2.972	64	68508	55.885	ug/l	95
7) Trichlorofluoromethane	3.302	101	89308	51.781	ug/l	100
8) Diethyl Ether	3.716	74	71286	55.385	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	108964	56.082	ug/l	97
10) Methyl Iodide	4.301	142	133774	45.218	ug/l	96
11) Tert butyl alcohol	5.216	59	40407	238.585	ug/l	100
12) 1,1-Dichloroethene	4.076	96	114113	55.769	ug/l	98
13) Acrolein	3.923	56	13685	52.567	ug/l	98
14) Allyl chloride	4.698	41	145063	49.910	ug/l	97
15) Acrylonitrile	5.399	53	161050	257.364	ug/l	99
16) Acetone	4.155	43	166348	277.412	ug/l	99
17) Carbon Disulfide	4.423	76	239266	46.753	ug/l	99
18) Methyl Acetate	4.704	43	114519	59.940	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	196769	50.925	ug/l	99
20) Methylene Chloride	4.960	84	118586	48.124	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	113402	49.612	ug/l	91
22) Diisopropyl ether	6.338	45	331472	52.400	ug/l	98
23) Vinyl Acetate	6.277	43	1092151	253.939	ug/l	100
24) 1,1-Dichloroethane	6.240	63	209626	50.619	ug/l	98
25) 2-Butanone	7.191	43	221799	261.028	ug/l	99
26) 2,2-Dichloropropane	7.185	77	117689	53.664	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	140379	50.469	ug/l	100
28) Bromochloromethane	7.526	49	98789	52.111	ug/l	95
29) Tetrahydrofuran	7.551	42	141606	262.252	ug/l	98
30) Chloroform	7.691	83	241401	51.055	ug/l	100
31) Cyclohexane	7.972	56	158677	46.683	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	176429	51.116	ug/l	99
36) 1,1-Dichloropropene	8.093	75	154155	50.181	ug/l	99
37) Ethyl Acetate	7.270	43	89673	48.660	ug/l	98
38) Carbon Tetrachloride	8.081	117	168642	51.209	ug/l	97
39) Methylcyclohexane	9.343	83	179354	49.292	ug/l	94
40) Benzene	8.337	78	467450	49.227	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	53352	52.109	ug/l	94
42) 1,2-Dichloroethane	8.410	62	166042	50.440	ug/l	100
43) Isopropyl Acetate	8.435	43	173234	50.108	ug/l	100
44) Trichloroethene	9.099	130	117235	49.093	ug/l	93
45) 1,2-Dichloropropane	9.374	63	115427	50.425	ug/l	97
46) Dibromomethane	9.465	93	80603	50.203	ug/l	94
47) Bromodichloromethane	9.648	83	185510	50.844	ug/l	97
48) Methyl methacrylate	9.441	41	82727	51.924	ug/l	98
49) 1,4-Dioxane	9.459	88	18949	976.810	ug/l	96
51) 4-Methyl-2-Pentanone	10.215	43	513068	262.826	ug/l	98
52) Toluene	10.392	92	309828	49.929	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	167574	52.063	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	183462	49.954	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	104842	50.216	ug/l	97
56) Ethyl methacrylate	10.648	69	134837	50.516	ug/l	99
57) 1,3-Dichloropropane	10.934	76	175901	50.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	368106	258.375	ug/l	100
59) 2-Hexanone	10.971	43	364727	268.646	ug/l	98
60) Dibromochloromethane	11.130	129	125688	49.751	ug/l	98
61) 1,2-Dibromoethane	11.239	107	101978	49.669	ug/l	98
64) Tetrachloroethene	10.867	164	95352	46.751	ug/l	97
65) Chlorobenzene	11.654	112	344732	48.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	119852	51.611	ug/l	97
67) Ethyl Benzene	11.727	91	582056	50.365	ug/l	98
68) m/p-Xylenes	11.837	106	451604	101.535	ug/l	99
69) o-Xylene	12.166	106	209869	49.884	ug/l	96
70) Styrene	12.178	104	380492	51.305	ug/l	100
71) Bromoform	12.355	173	69213	50.182	ug/l #	100
73) Isopropylbenzene	12.465	105	558649	51.658	ug/l	100
74) N-amyl acetate	12.270	43	159092	50.671	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	132253	51.459	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	164350	82.412	ug/l	37
77) Bromobenzene	12.745	156	134863	48.903	ug/l	98
78) n-propylbenzene	12.800	91	696497	53.049	ug/l	97
79) 2-Chlorotoluene	12.891	91	408980	50.940	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	480769	52.508	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	40123	54.171	ug/l	98
82) 4-Chlorotoluene	12.989	91	431982	50.265	ug/l	98
83) tert-Butylbenzene	13.202	119	410189	52.836	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	476542	50.307	ug/l	100
85) sec-Butylbenzene	13.379	105	595226	51.352	ug/l	98
86) p-Isopropyltoluene	13.495	119	505573	51.290	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	272609	49.095	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	274360	49.295	ug/l	94
89) n-Butylbenzene	13.818	91	490270	52.169	ug/l	97
90) Hexachloroethane	14.092	117	93388	51.796	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	253474	51.559	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	22572	49.715	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	147240	46.877	ug/l	99
94) Hexachlorobutadiene	15.232	225	73079	46.912	ug/l	95
95) Naphthalene	15.360	128	356866	50.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	132585	45.389	ug/l	98

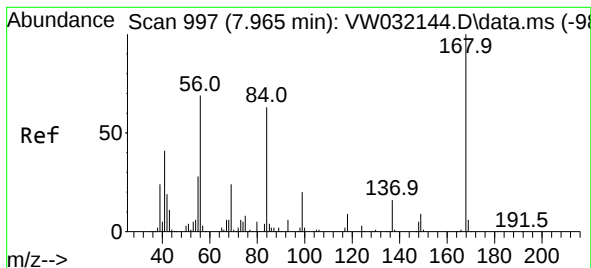
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.953 min Scan# 99

Delta R.T. -0.012 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

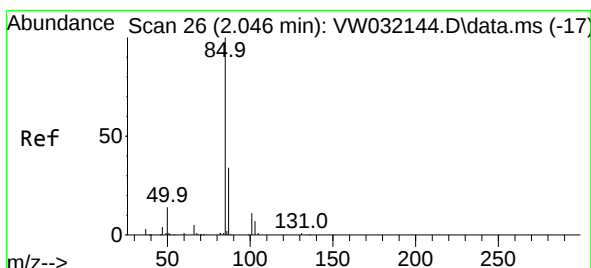
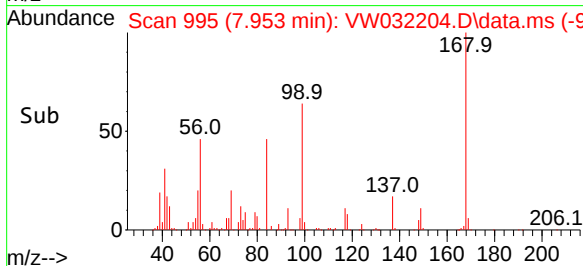
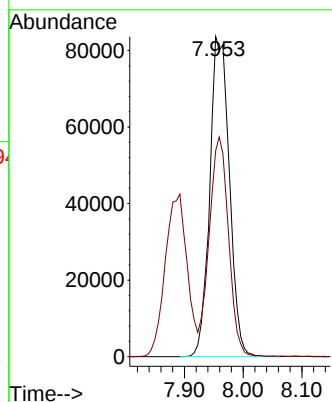
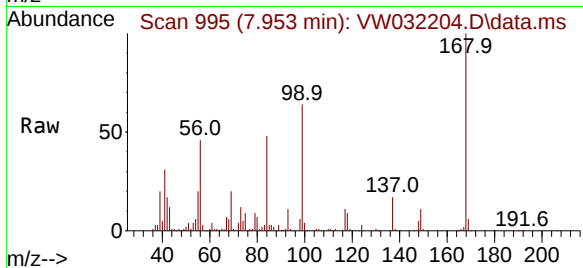
ClientSampleId :

Tgt Ion:168 Resp: 193605

Ion Ratio Lower Upper

168 100

99 64.3 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 47.973 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.000 min

Lab File: VW032204.D

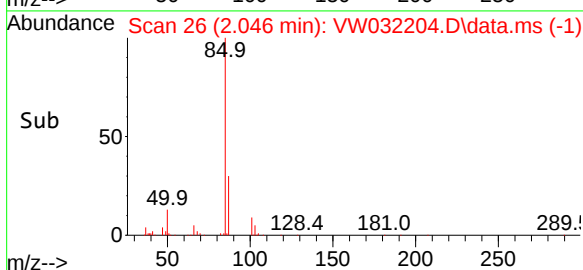
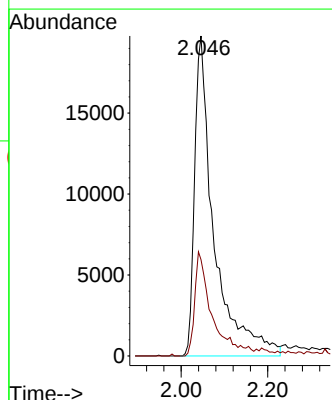
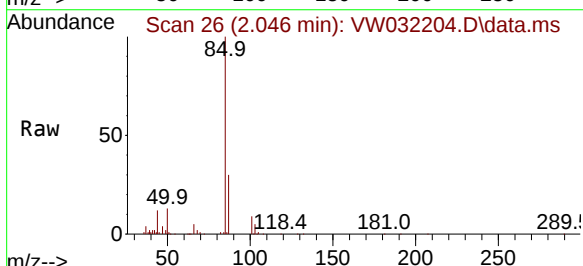
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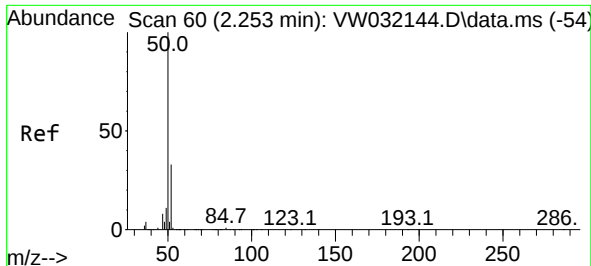
Tgt Ion: 85 Resp: 61321

Ion Ratio Lower Upper

85 100

87 30.1 17.2 51.6

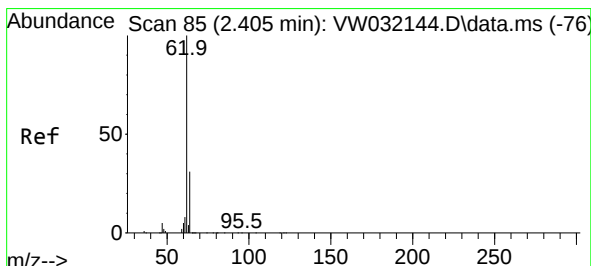
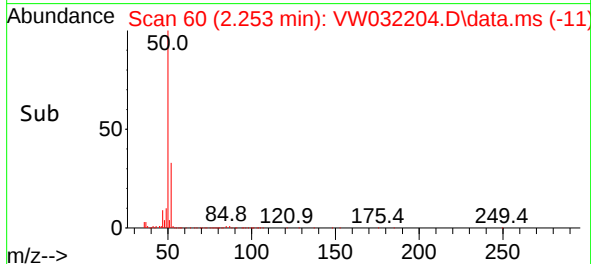
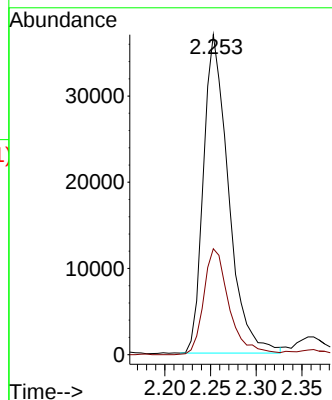
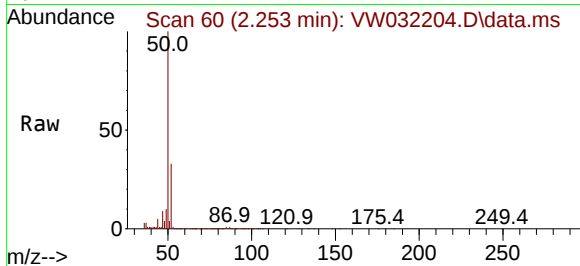




#3
Chloromethane
Concen: 52.480 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

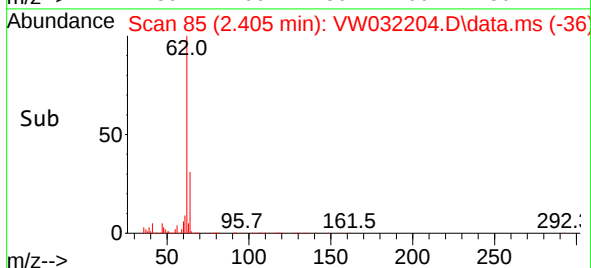
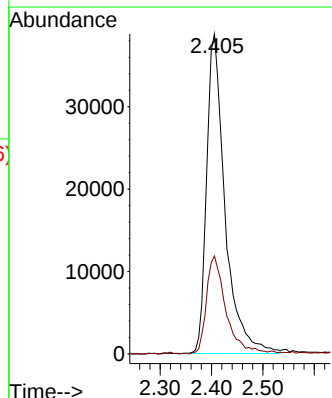
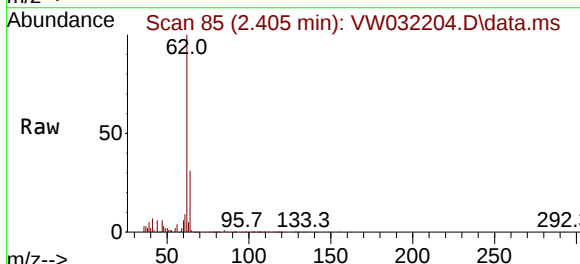
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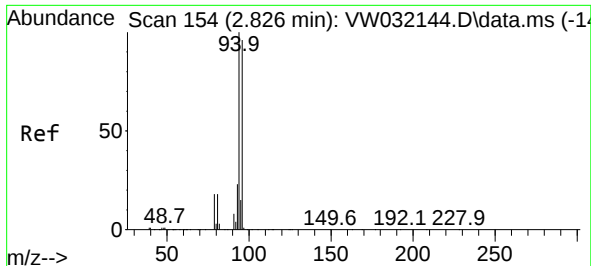
Tgt Ion: 50 Resp: 70334
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 55.364 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 62 Resp: 96372
Ion Ratio Lower Upper
62 100
64 30.6 24.8 37.2

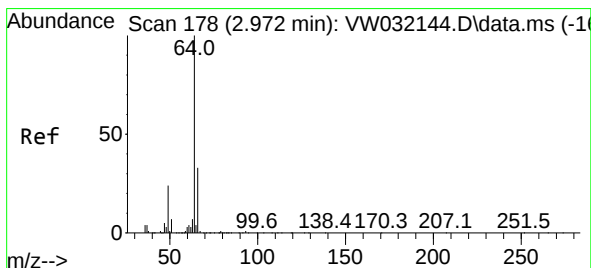
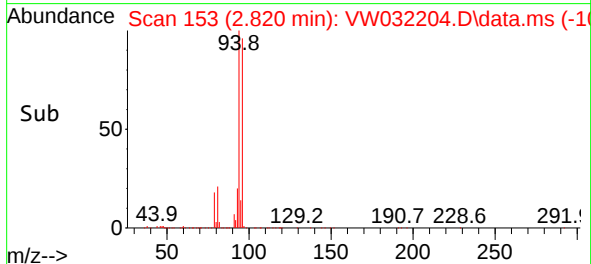
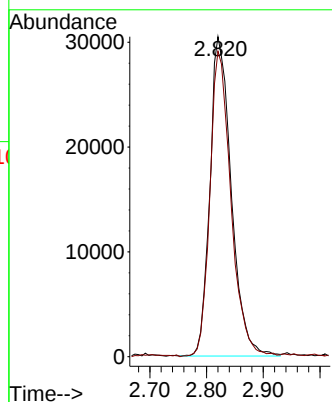
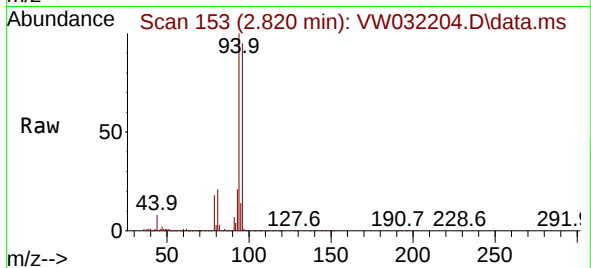




#5
Bromomethane
Concen: 51.367 ug/l
RT: 2.820 min Scan# 153
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

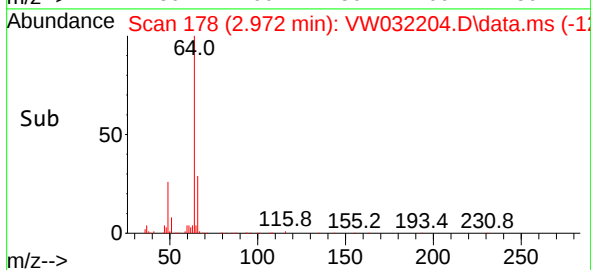
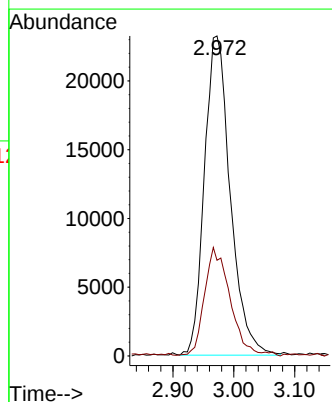
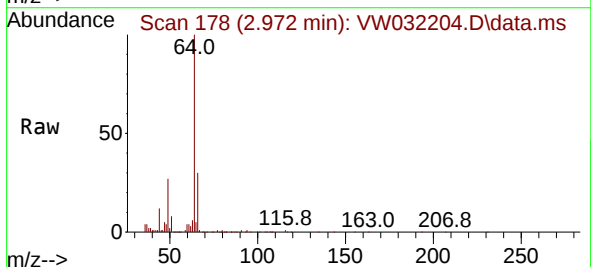
Instrument :
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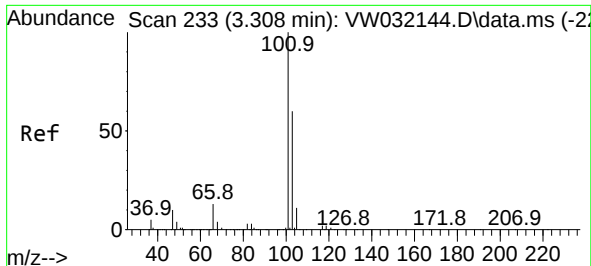
Tgt Ion: 94 Resp: 79848
Ion Ratio Lower Upper
94 100
96 95.6 76.6 115.0



#6
Chloroethane
Concen: 55.885 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 64 Resp: 68508
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4

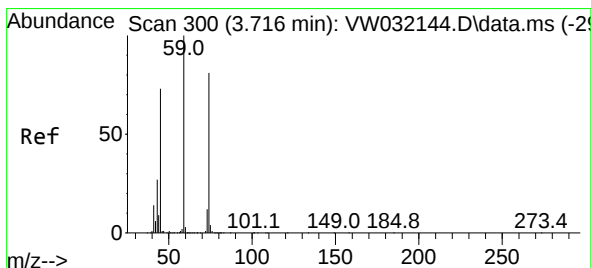
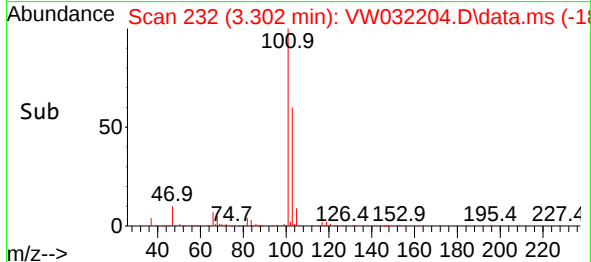
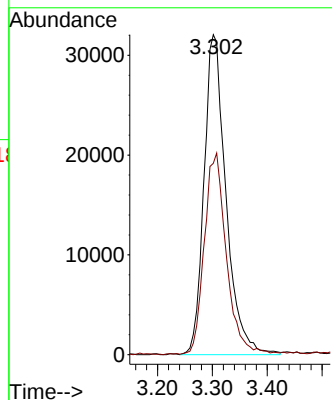
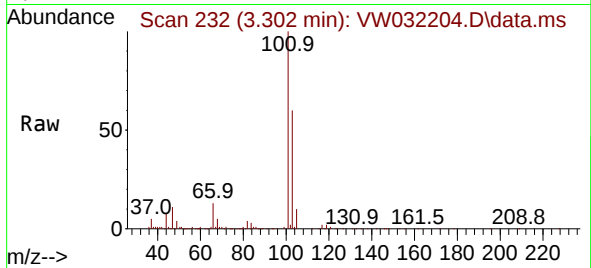




#7
 Trichlorofluoromethane
 Concen: 51.781 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

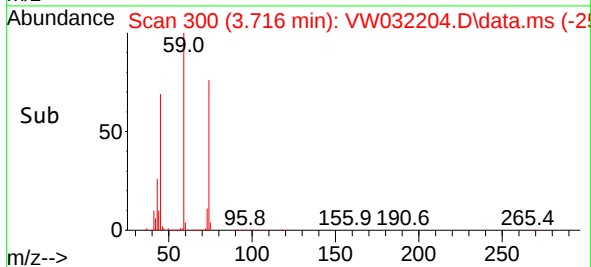
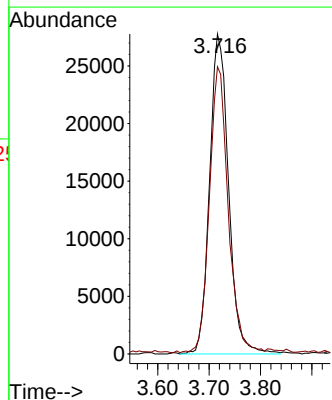
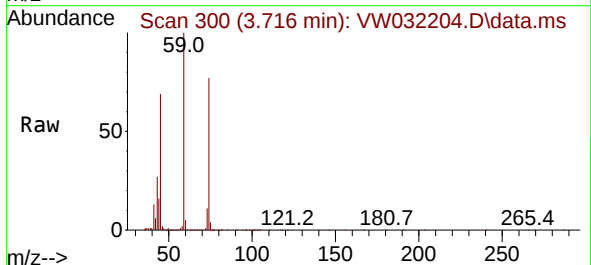
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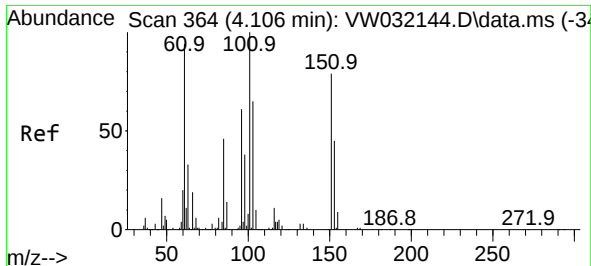
Tgt Ion:101 Resp: 89308
 Ion Ratio Lower Upper
 101 100
 103 59.6 47.8 71.8



#8
 Diethyl Ether
 Concen: 55.385 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

Tgt Ion: 74 Resp: 71286
 Ion Ratio Lower Upper
 74 100
 45 88.4 43.1 129.4

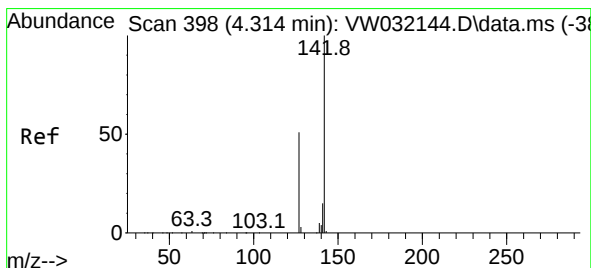
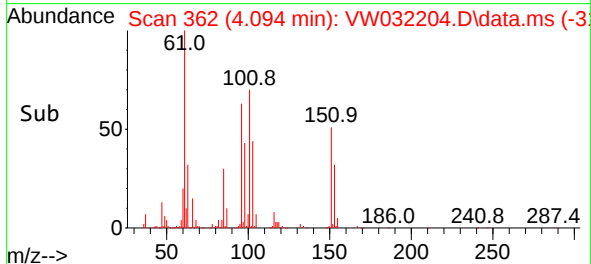
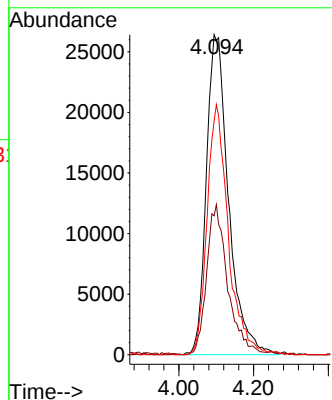
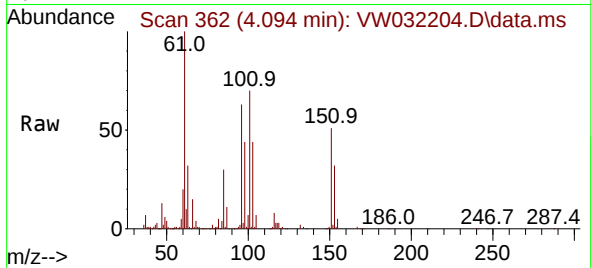




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 56.082 ug/l
 RT: 4.094 min Scan# 362
 Delta R.T. -0.012 min
 Lab File: VW032204.D
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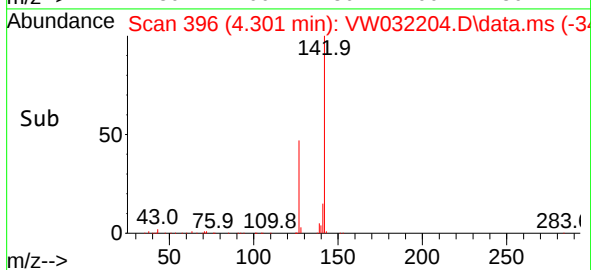
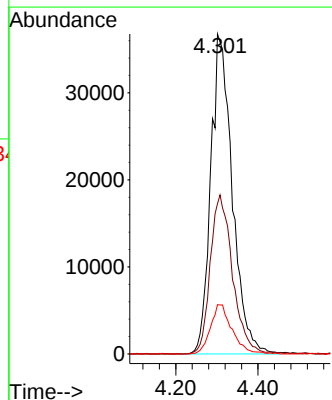
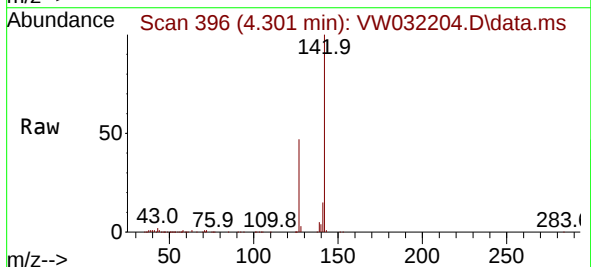
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 MSVOA_W
 ClientSampleId :

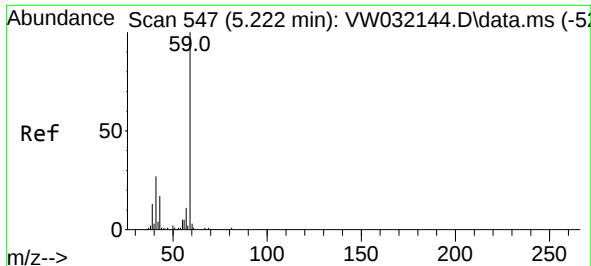
Tgt Ion:101 Resp: 108964
 Ion Ratio Lower Upper
 101 100
 85 44.5 37.1 55.7
 151 74.8 61.5 92.3



#10
 Methyl Iodide
 Concen: 45.218 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.012 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

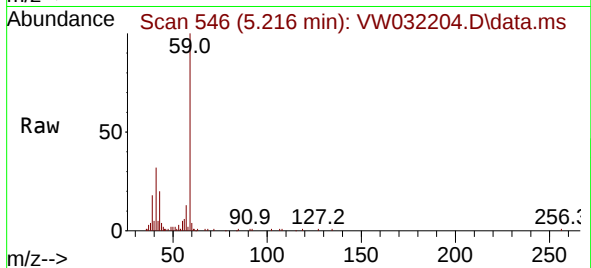
Tgt Ion:142 Resp: 133774
 Ion Ratio Lower Upper
 142 100
 127 51.1 38.2 57.2
 141 15.5 12.2 18.2



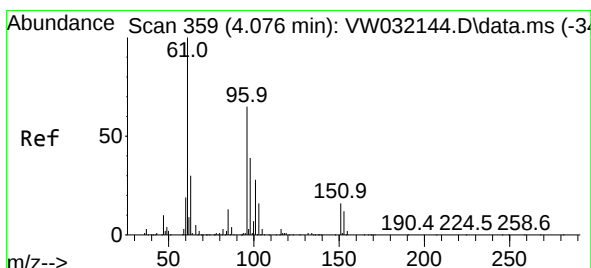
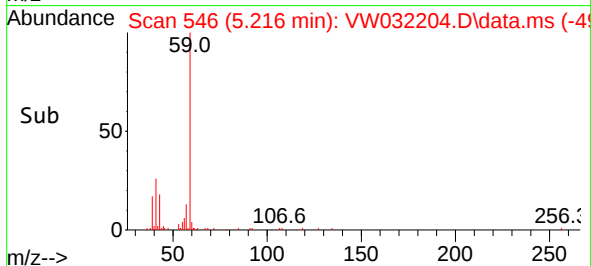
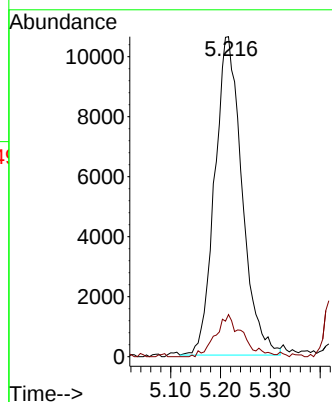


#11
Tert butyl alcohol
Concen: 238.585 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Instrument :
MSVOA_W
ClientSampleId :

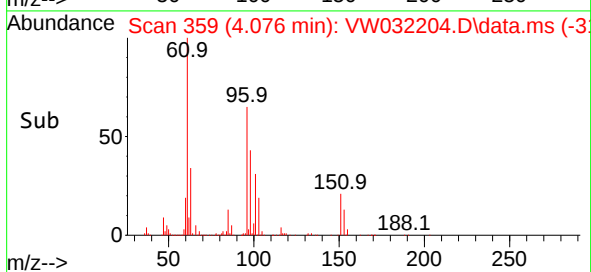
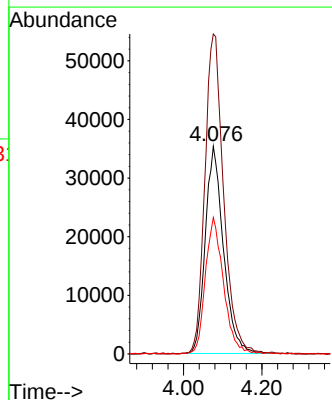
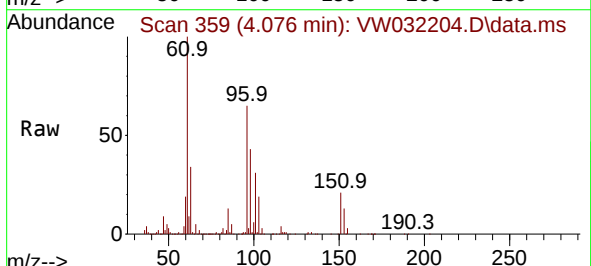


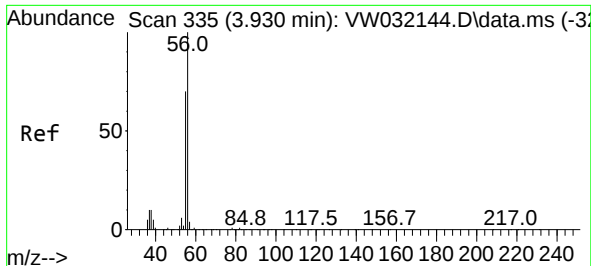
Tgt Ion: 59 Resp: 40407
Ion Ratio Lower Upper
59 100
57 12.1 9.8 14.6



#12
1,1-Dichloroethene
Concen: 55.769 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 96 Resp: 114113
Ion Ratio Lower Upper
96 100
61 154.4 123.0 184.4
98 65.8 48.5 72.7

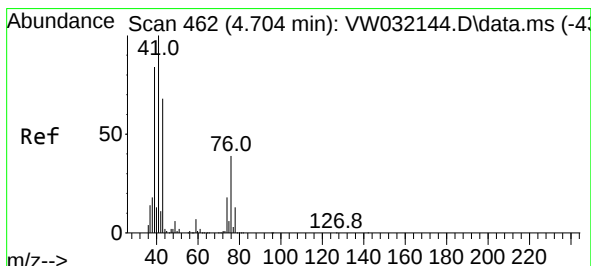
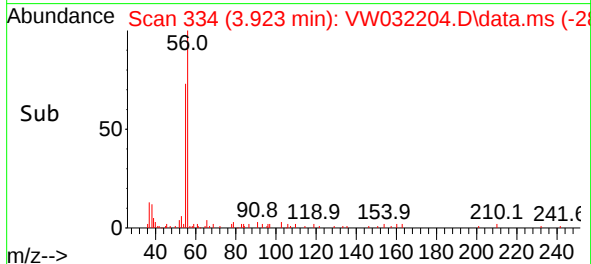
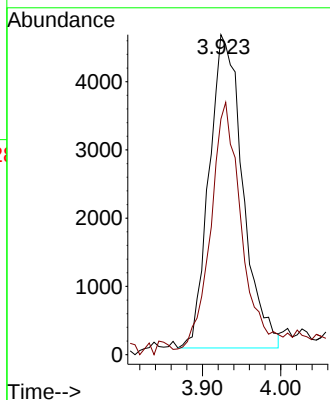
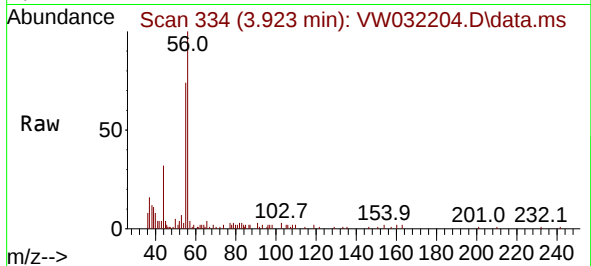




#13
Acrolein
Concen: 52.567 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

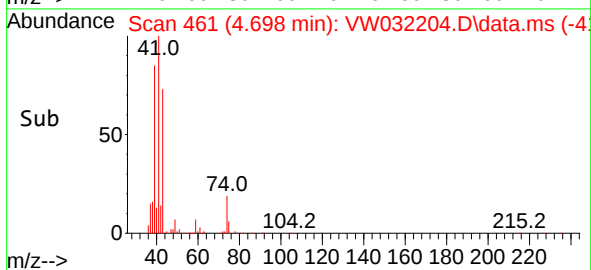
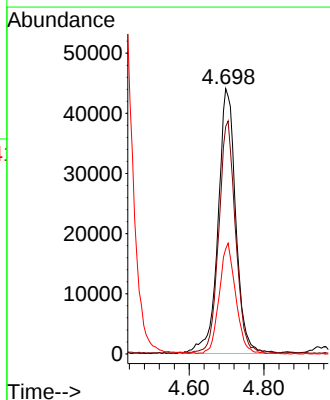
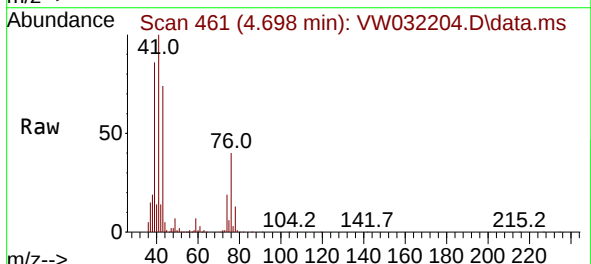
Instrument :
MSVOA_W
ClientSampleId :

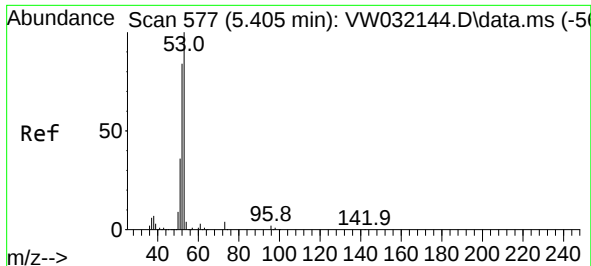
Tgt Ion: 56 Resp: 13685
Ion Ratio Lower Upper
56 100
55 71.9 56.4 84.6



#14
Allyl chloride
Concen: 49.910 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 41 Resp: 145063
Ion Ratio Lower Upper
41 100
39 83.0 64.1 96.1
76 38.4 31.4 47.2

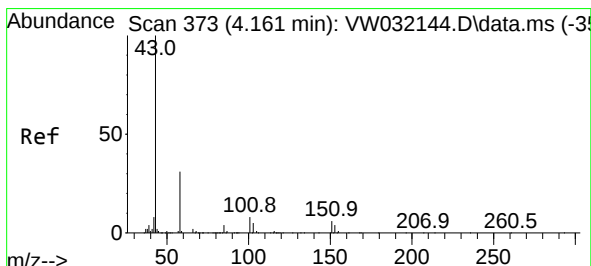
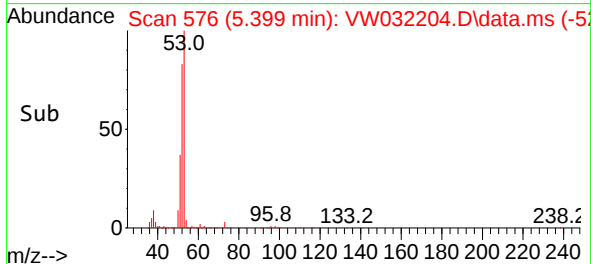
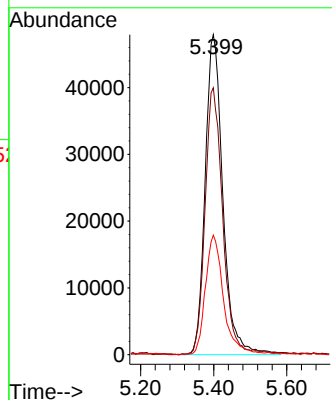
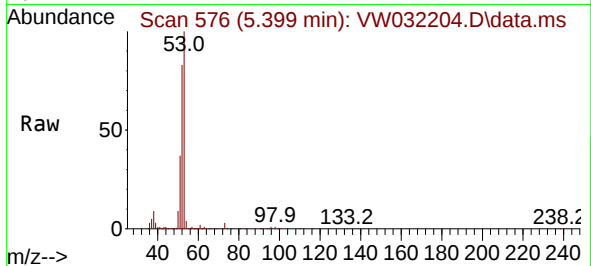




#15
Acrylonitrile
Concen: 257.364 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

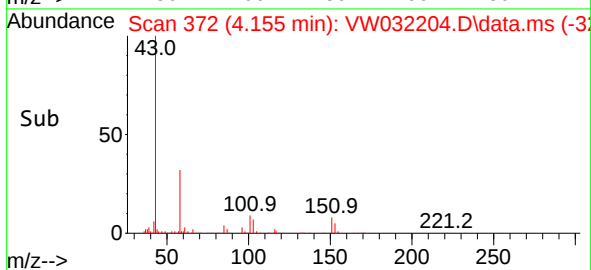
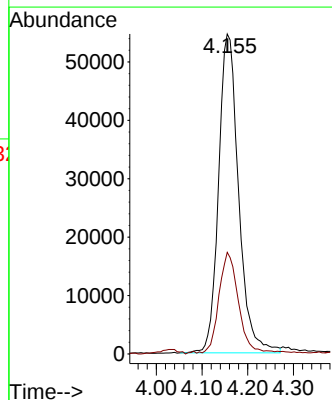
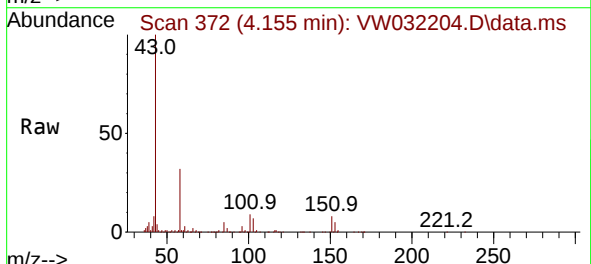
Instrument :
MSVOA_W
ClientSampleId :

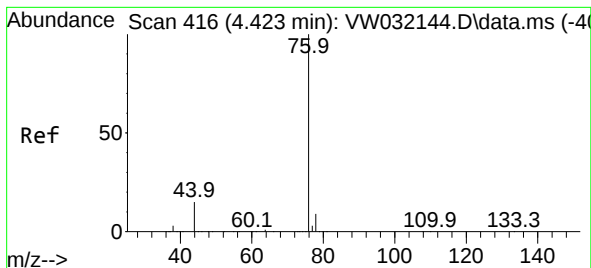
Tgt Ion: 53 Resp: 161050
Ion Ratio Lower Upper
53 100
52 82.6 67.4 101.2
51 38.3 30.3 45.5



#16
Acetone
Concen: 277.412 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 43 Resp: 166348
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9





#17

Carbon Disulfide

Concen: 46.753 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

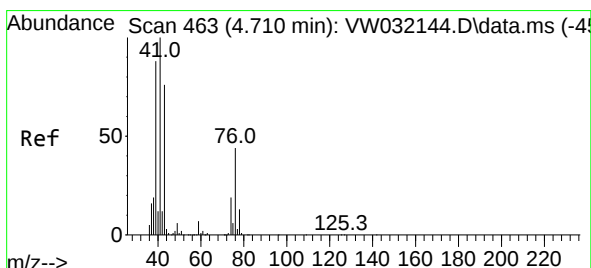
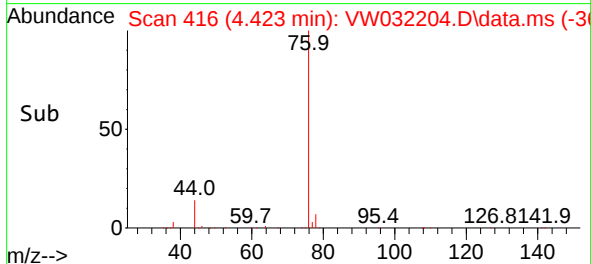
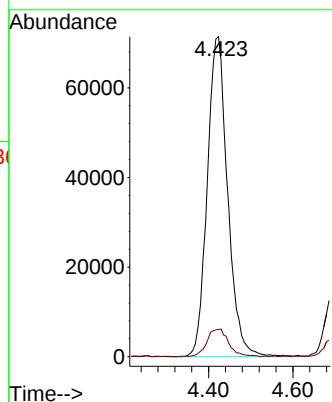
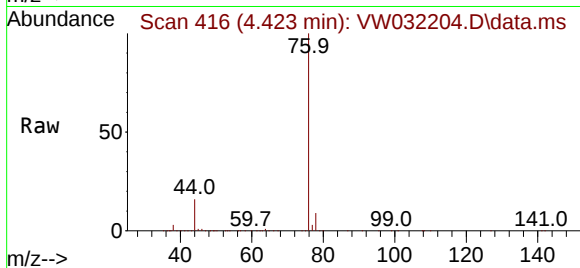
ClientSampleId :

Tgt Ion: 76 Resp: 239266

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6



#18

Methyl Acetate

Concen: 59.940 ug/l

RT: 4.704 min Scan# 462

Delta R.T. -0.006 min

Lab File: VW032204.D

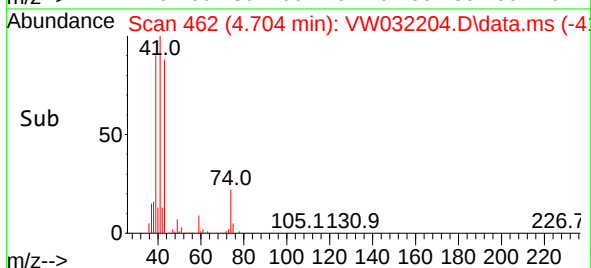
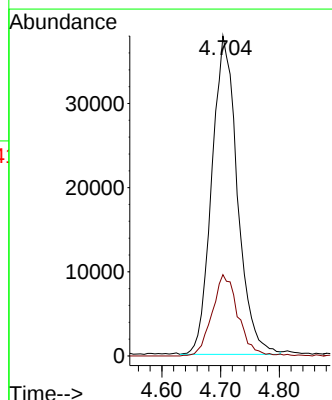
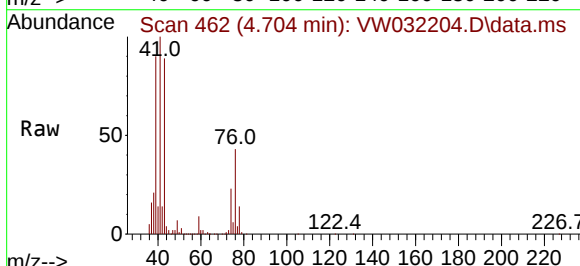
Acq: 19 Sep 2025 09:38

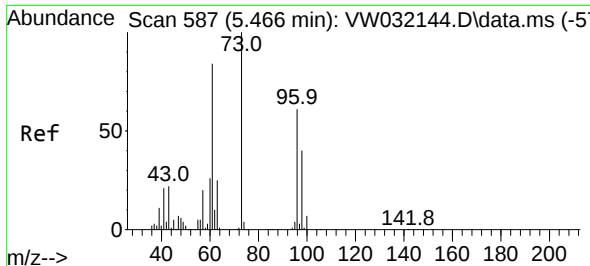
Tgt Ion: 43 Resp: 114519

Ion Ratio Lower Upper

43 100

74 25.8 20.2 30.4

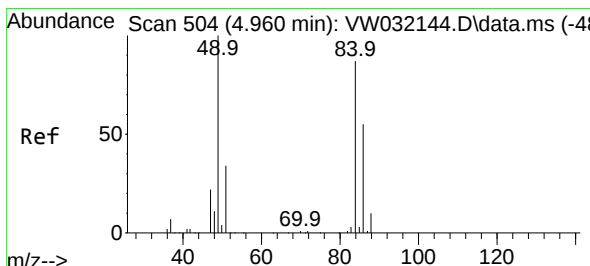
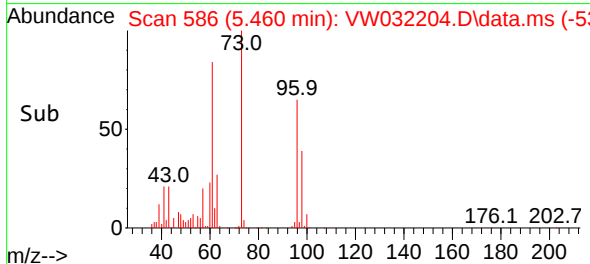
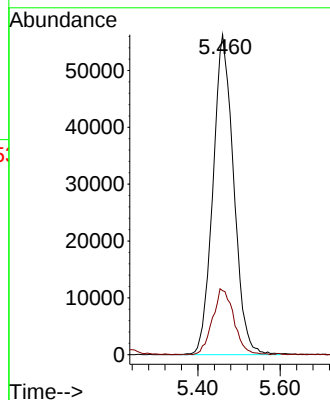
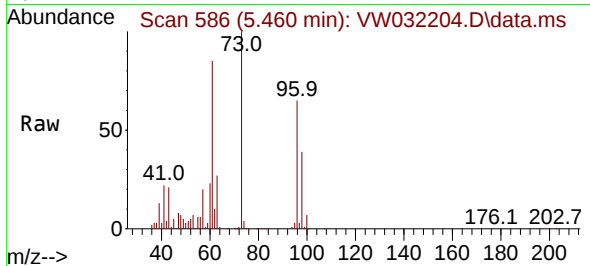




#19
Methyl tert-butyl Ether
Concen: 50.925 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

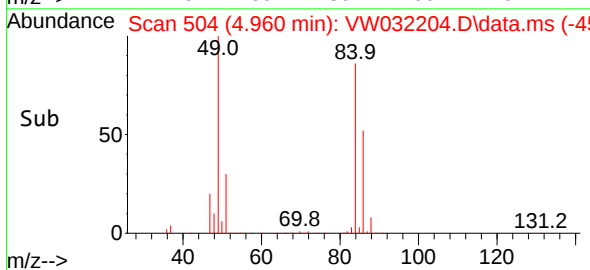
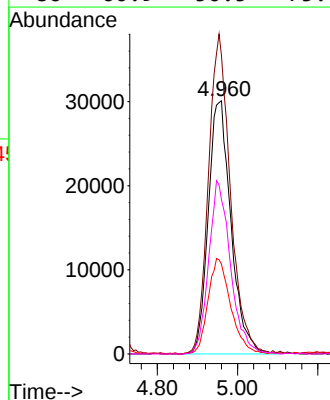
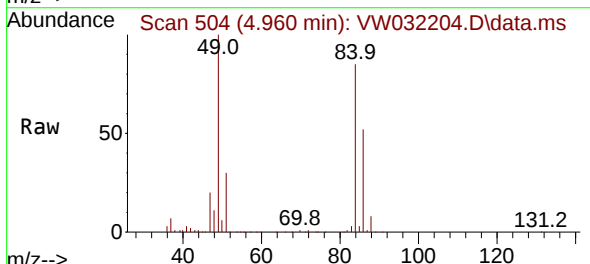
Instrument :
MSVOA_W
ClientSampleId :

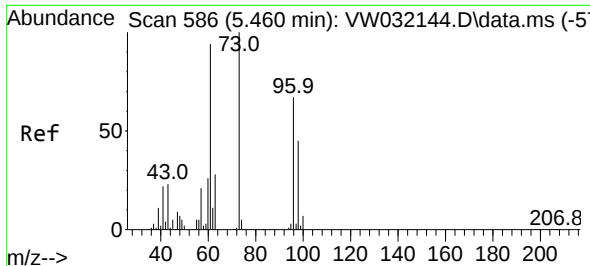
Tgt Ion: 73 Resp: 196769
Ion Ratio Lower Upper
73 100
57 19.9 16.2 24.4



#20
Methylene Chloride
Concen: 48.124 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

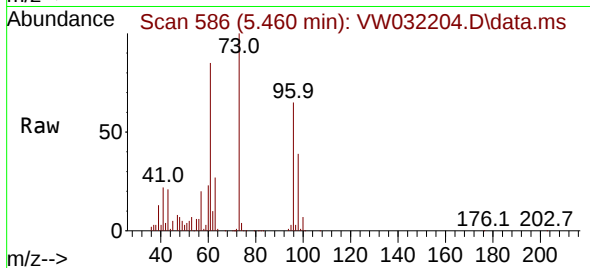
Tgt Ion: 84 Resp: 118586
Ion Ratio Lower Upper
84 100
49 117.9 92.2 138.4
51 35.5 31.0 46.6
86 60.9 50.5 75.7





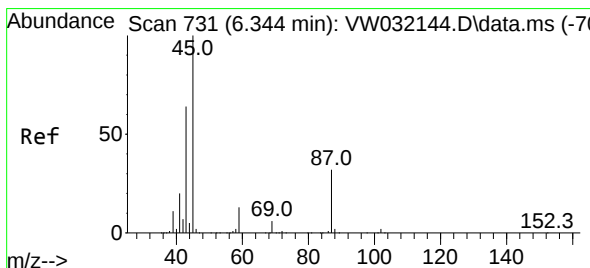
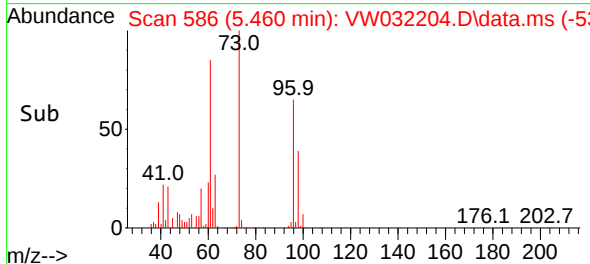
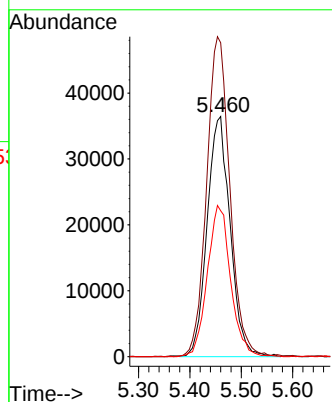
#21
trans-1,2-Dichloroethene
Concen: 49.612 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 113402

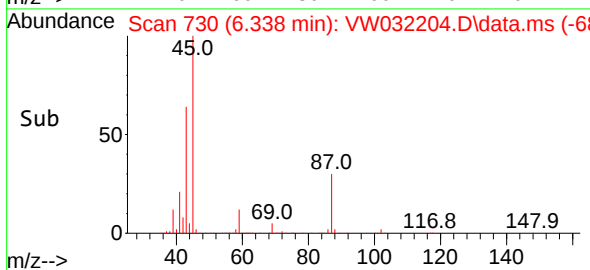
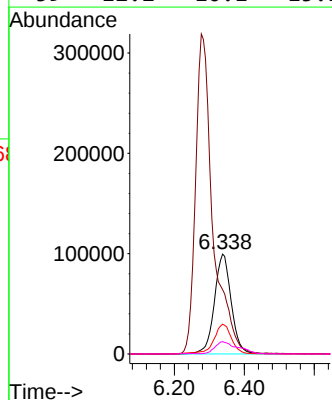
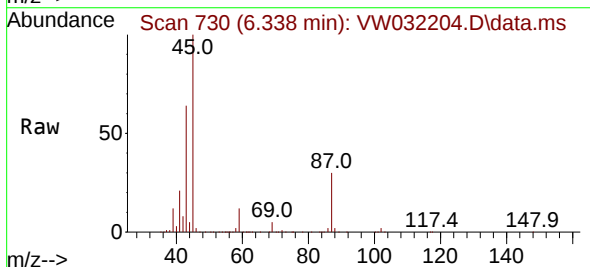
Ion	Ratio	Lower	Upper
96	100		
61	130.3	112.5	168.7
98	60.5	54.2	81.4

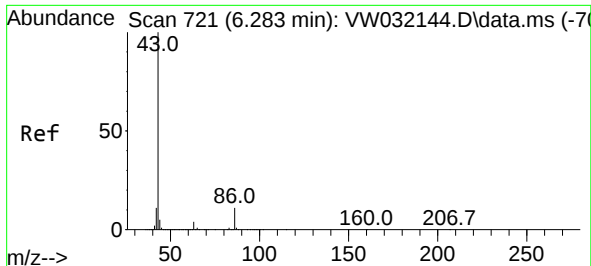


#22
Diisopropyl ether
Concen: 52.400 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 45 Resp: 331472

Ion	Ratio	Lower	Upper
45	100		
43	64.2	51.4	77.2
87	29.7	25.9	38.9
59	12.2	10.1	15.1

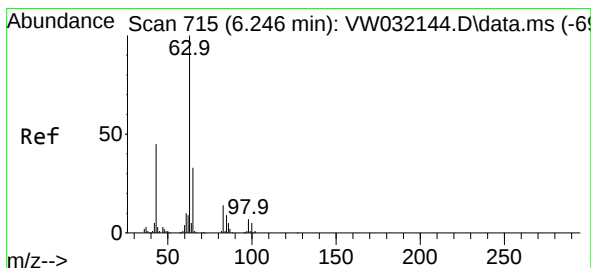
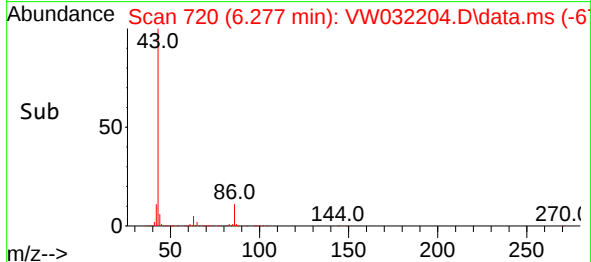
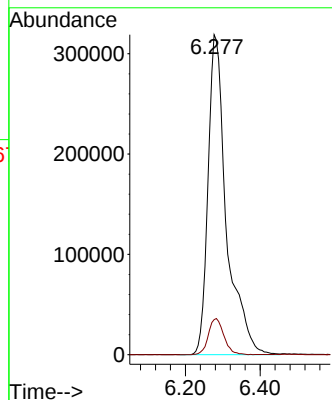
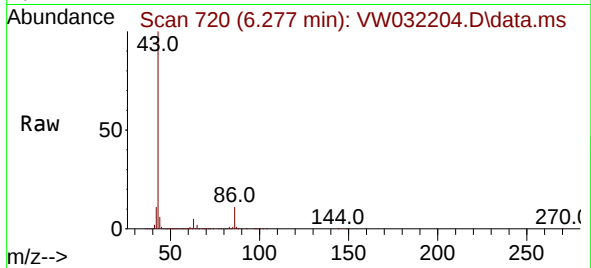




#23
 Vinyl Acetate
 Concen: 253.939 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

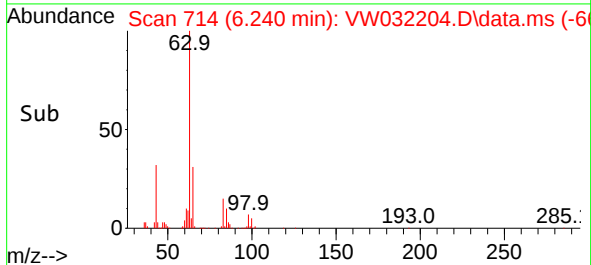
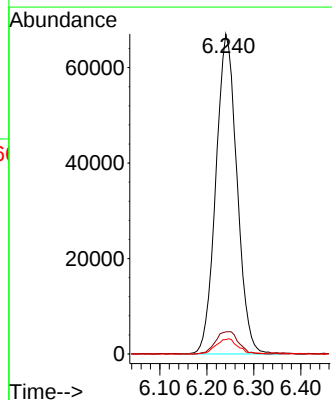
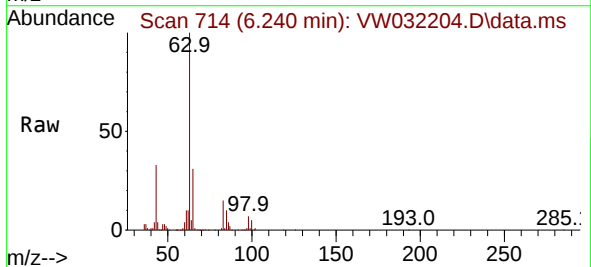
Instrument :
 MSVOA_W
 ClientSampleId :

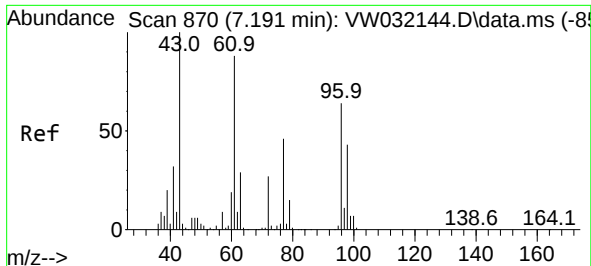
Tgt Ion: 43 Resp: 1092151
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 50.619 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

Tgt Ion: 63 Resp: 209626
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.5 2.5 7.5

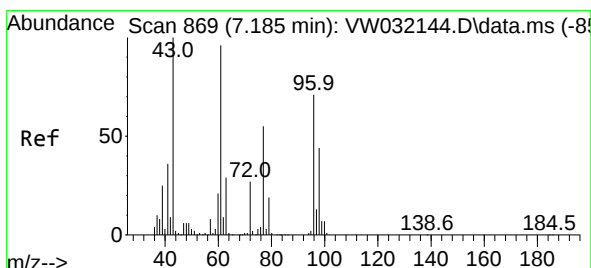
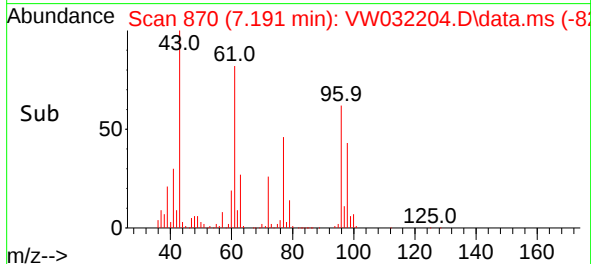
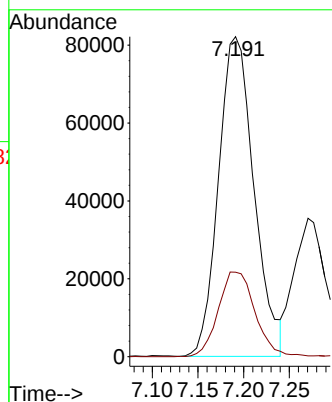
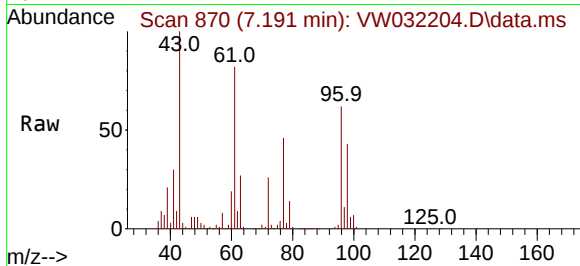




#25
2-Butanone
Concen: 261.028 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

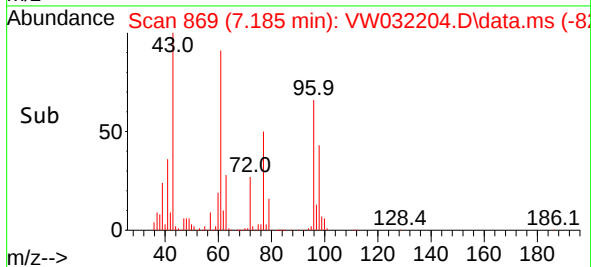
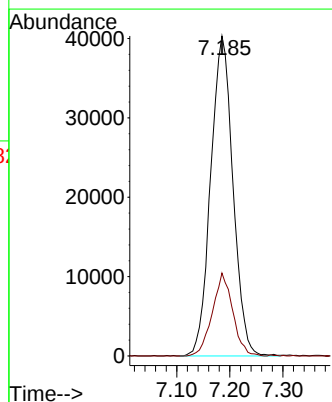
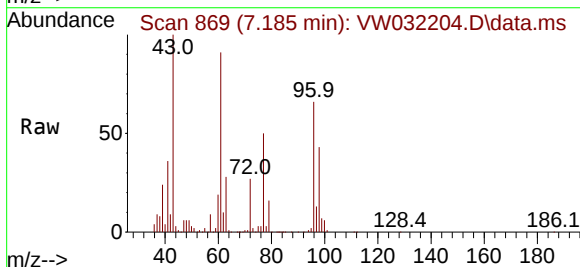
Instrument :
MSVOA_W
ClientSampleId :

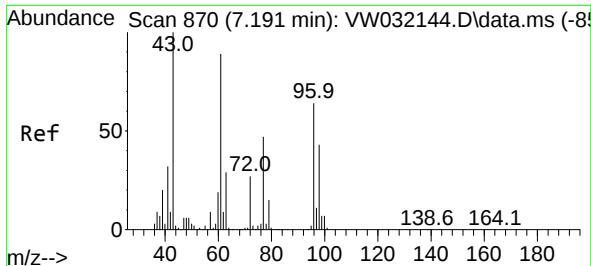
Tgt Ion: 43 Resp: 221799
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 53.664 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 77 Resp: 117689
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 50.469 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

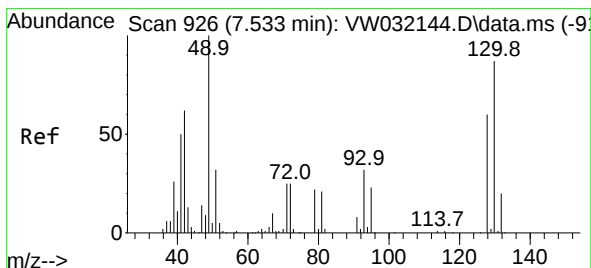
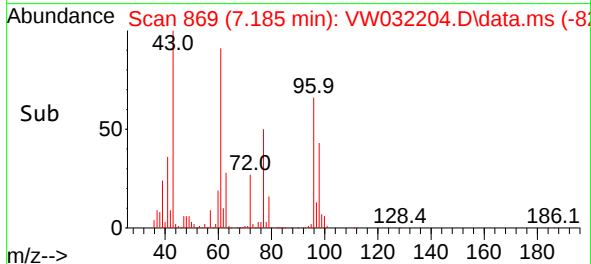
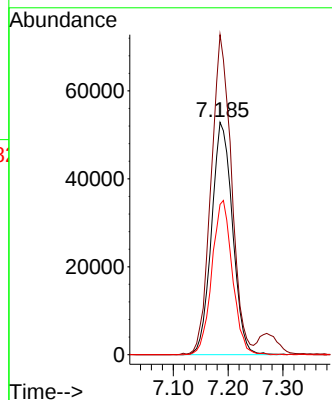
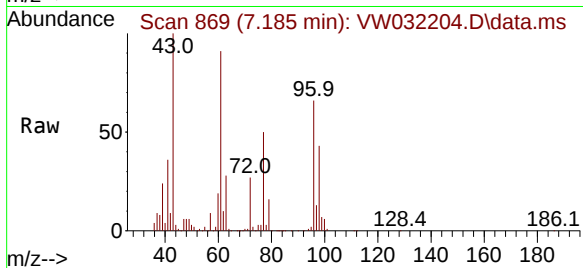
Tgt Ion: 96 Resp: 140379

Ion Ratio Lower Upper

96 100

61 134.0 0.0 268.0

98 64.8 0.0 130.8



#28

Bromochloromethane

Concen: 52.111 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

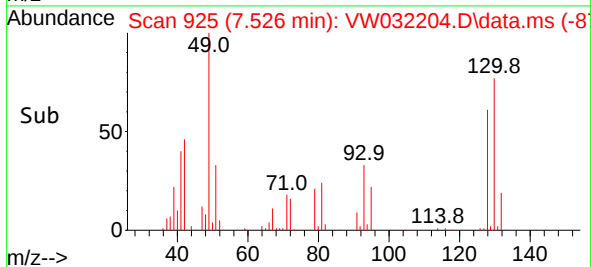
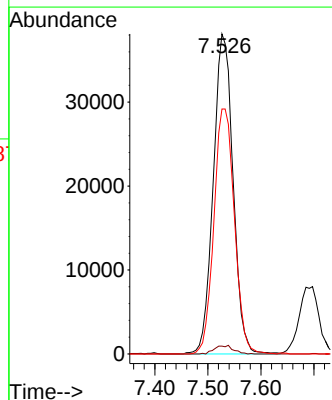
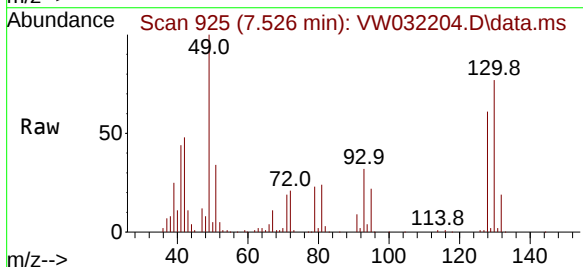
Tgt Ion: 49 Resp: 98789

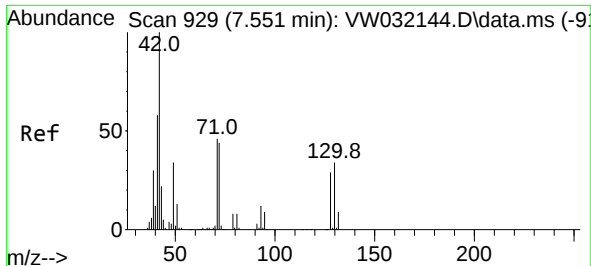
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 79.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 262.252 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

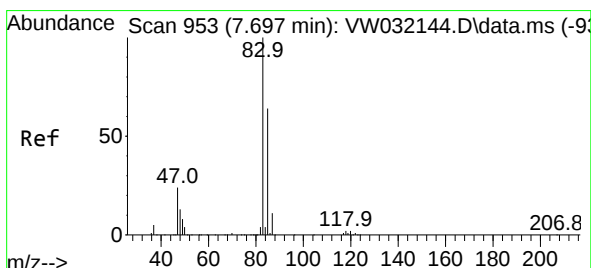
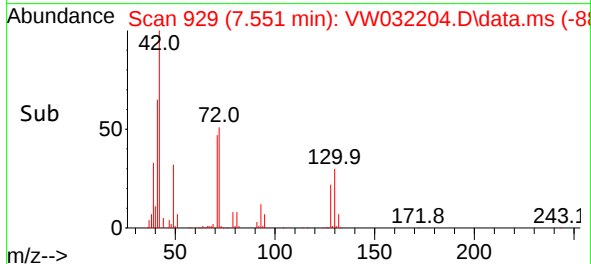
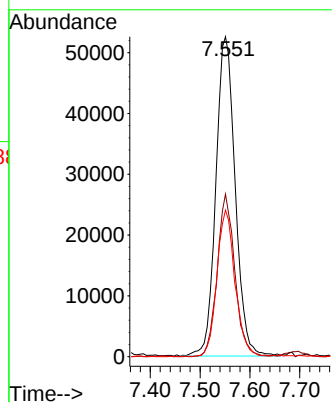
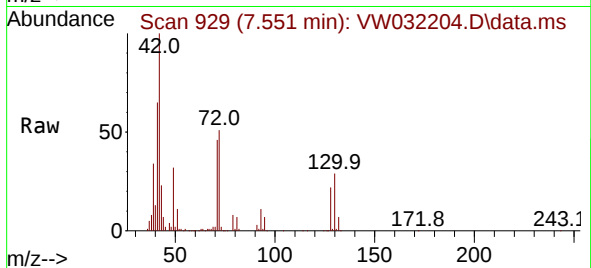
Tgt Ion: 42 Resp: 141606

Ion Ratio Lower Upper

42 100

72 46.4 37.4 56.2

71 42.8 36.0 54.0



#30

Chloroform

Concen: 51.055 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032204.D

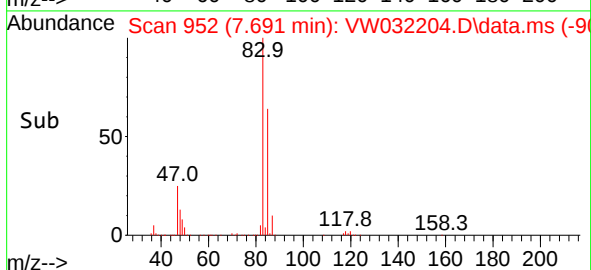
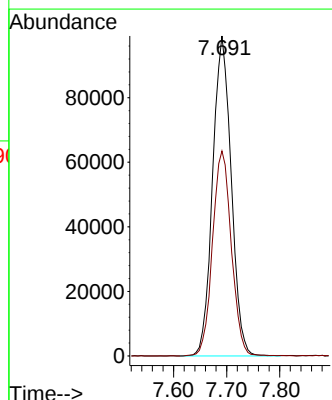
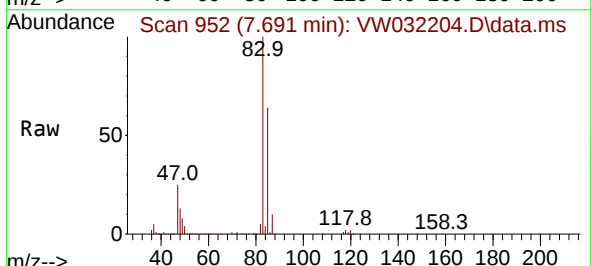
Acq: 19 Sep 2025 09:38

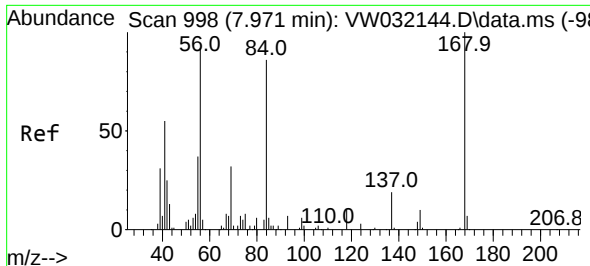
Tgt Ion: 83 Resp: 241401

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8

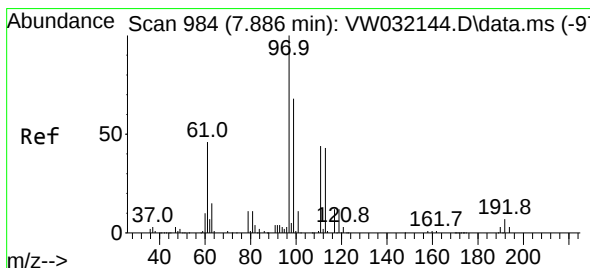
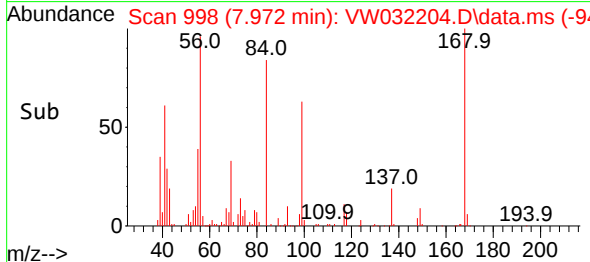
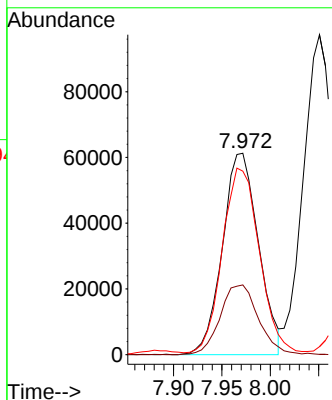
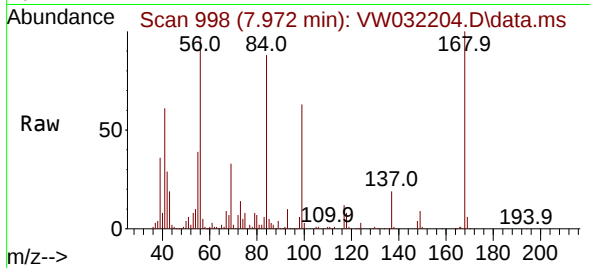




#31
Cyclohexane
Concen: 46.683 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

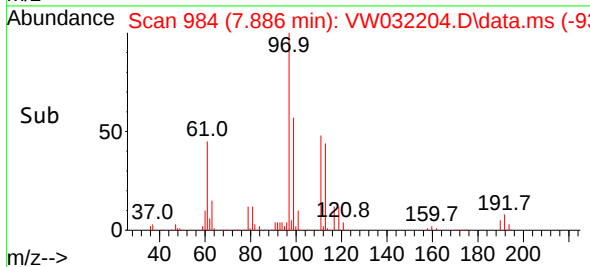
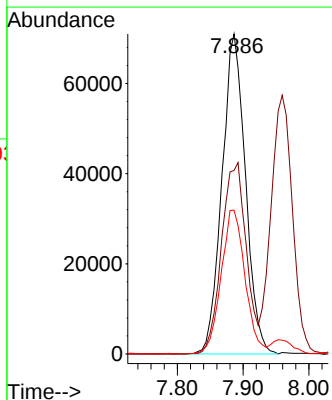
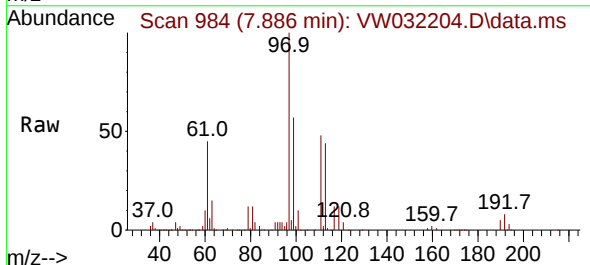
Instrument :
MSVOA_W
ClientSampleId :

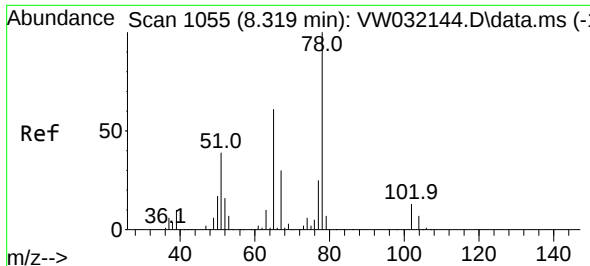
Tgt Ion: 56 Resp: 158677
Ion Ratio Lower Upper
56 100
69 34.6 27.7 41.5
84 89.9 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 51.116 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 97 Resp: 176429
Ion Ratio Lower Upper
97 100
99 62.9 50.9 76.3
61 45.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.677 ug/l

RT: 8.313 min Scan# 110

Delta R.T. -0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

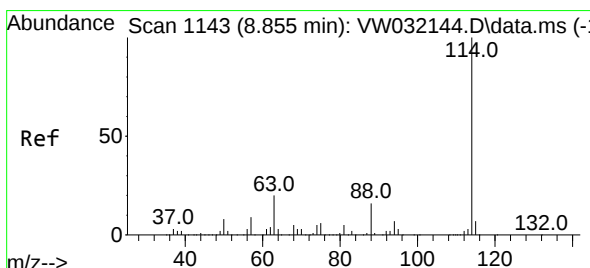
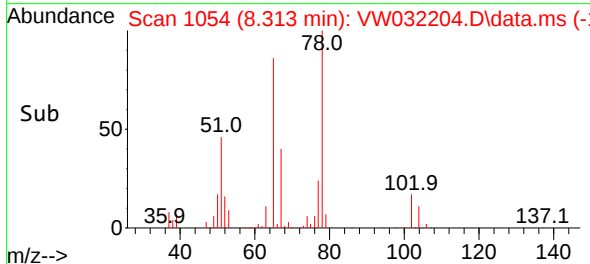
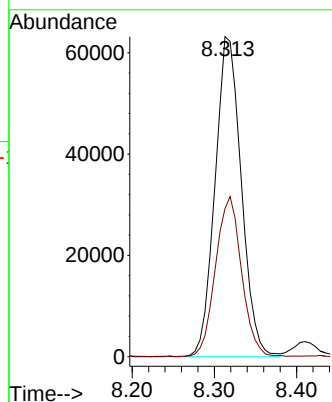
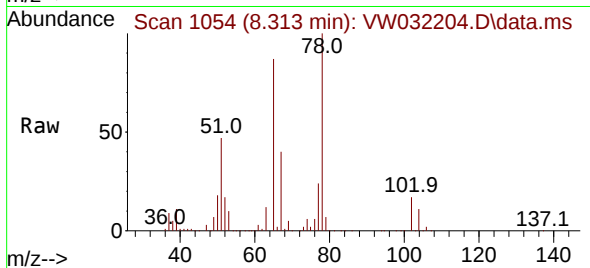
ClientSampleId :

Tgt Ion: 65 Resp: 140316

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

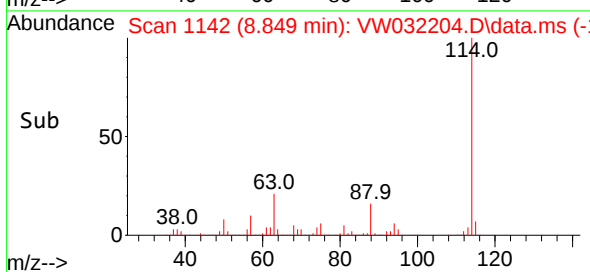
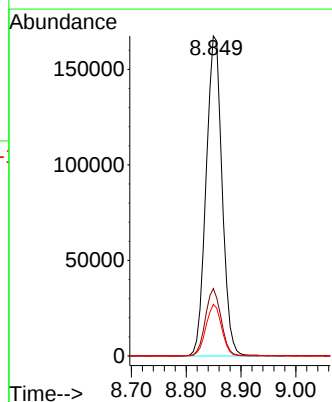
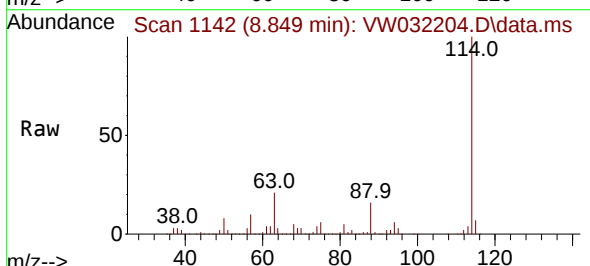
Tgt Ion: 114 Resp: 337702

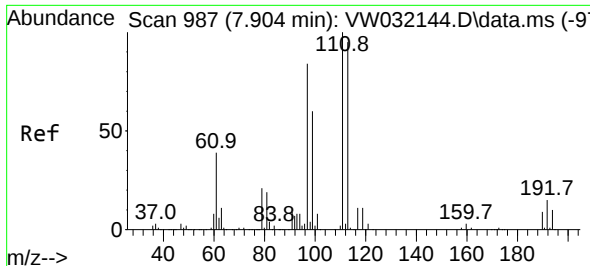
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

88 16.1 0.0 32.0

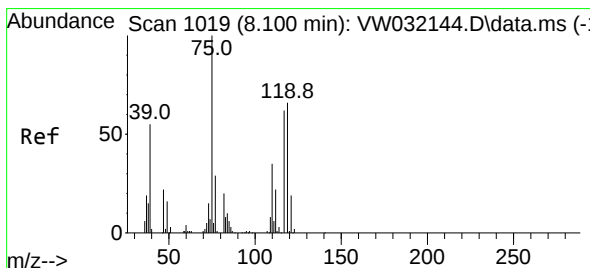
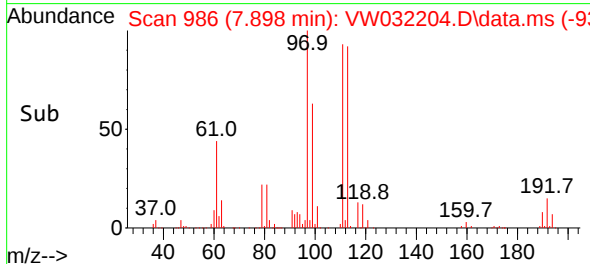
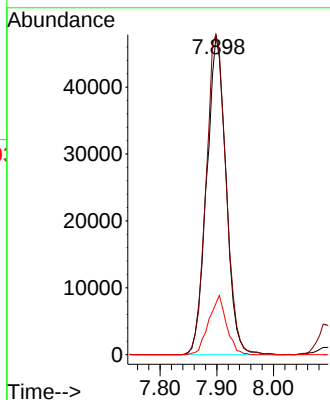
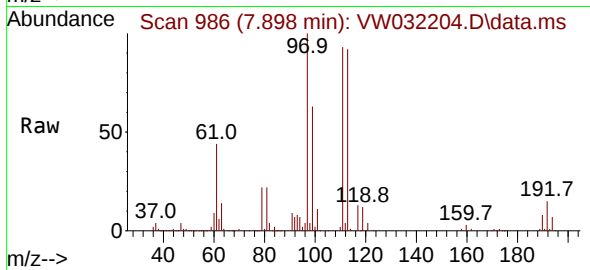




#35
 Dibromofluoromethane
 Concen: 47.628 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

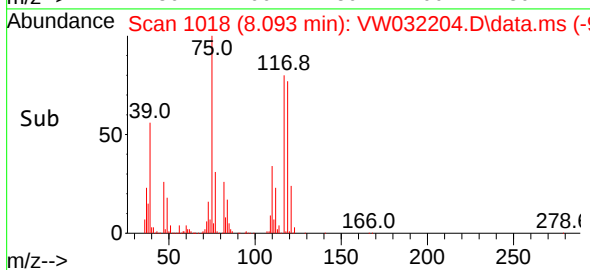
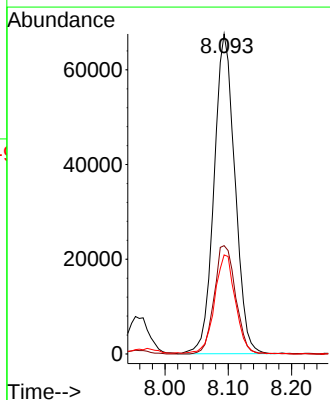
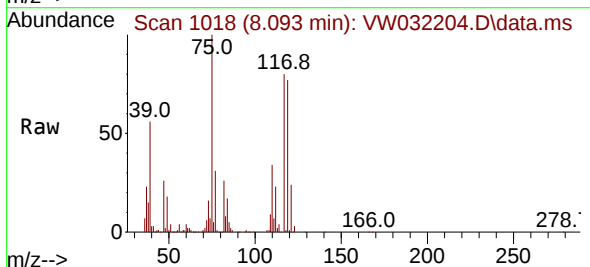
Instrument :
 MSVOA_W
 ClientSampleId :

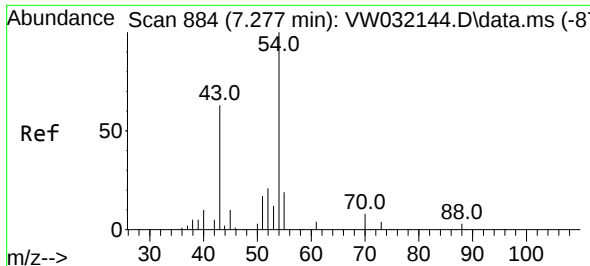
Tgt Ion:113 Resp: 112844
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.9 125.9
 192 17.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 50.181 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

Tgt Ion: 75 Resp: 154155
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.5 52.5
 77 31.3 24.1 36.1

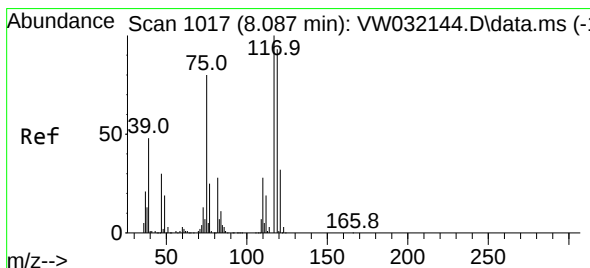
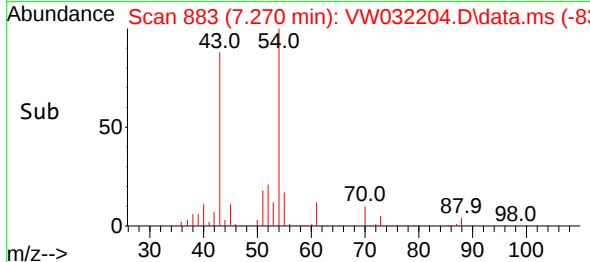
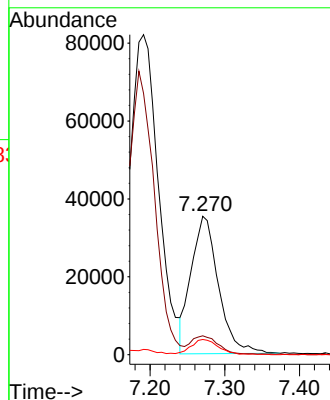
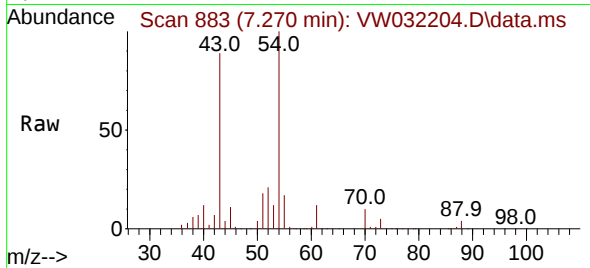




#37
Ethyl Acetate
Concen: 48.660 ug/l
RT: 7.270 min Scan# 81
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

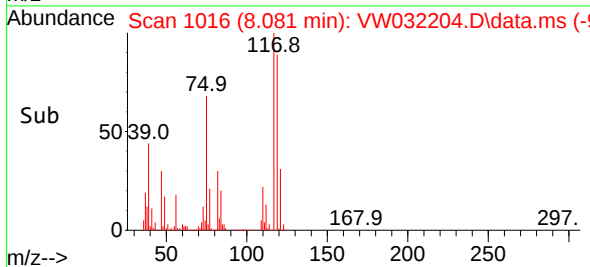
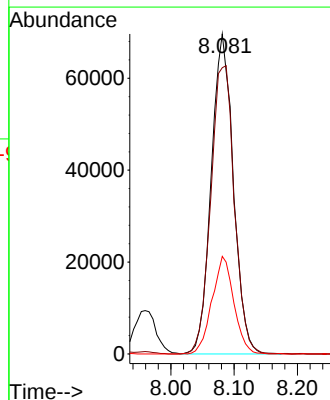
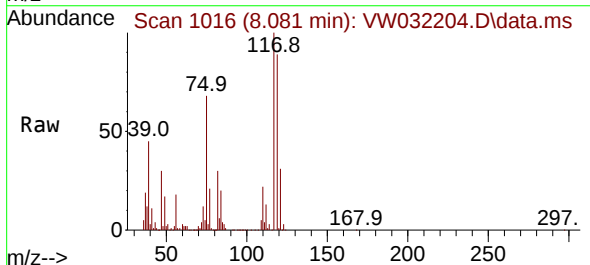
Instrument :
MSVOA_W
ClientSampleId :

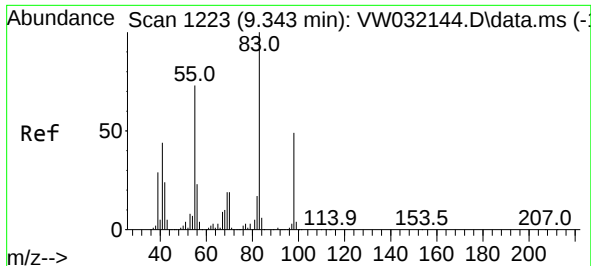
Tgt Ion: 43 Resp: 89673
Ion Ratio Lower Upper
43 100
61 13.1 11.3 16.9
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 51.209 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 117 Resp: 168642
Ion Ratio Lower Upper
117 100
119 89.4 74.2 111.2
121 30.5 25.6 38.4





#39

Methylcyclohexane

Concen: 49.292 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

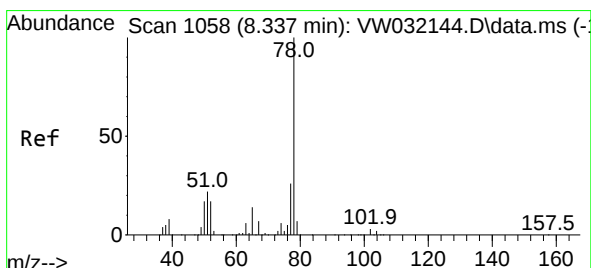
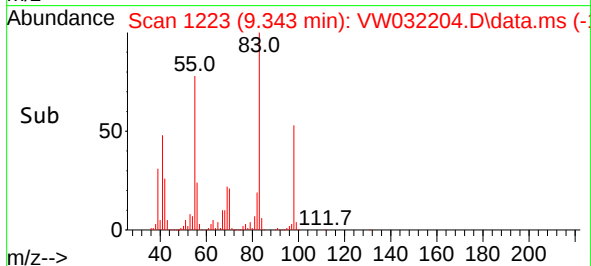
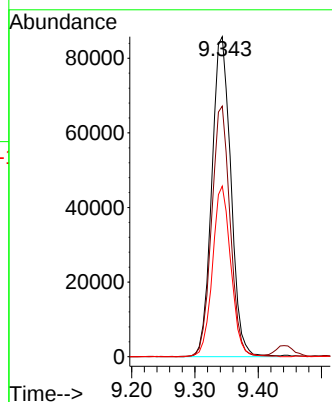
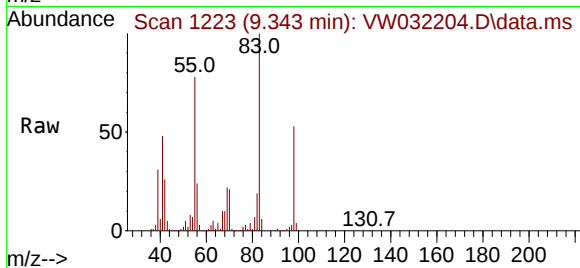
Tgt Ion: 83 Resp: 179354

Ion Ratio Lower Upper

83 100

55 78.2 58.4 87.6

98 53.3 39.4 59.2



#40

Benzene

Concen: 49.227 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032204.D

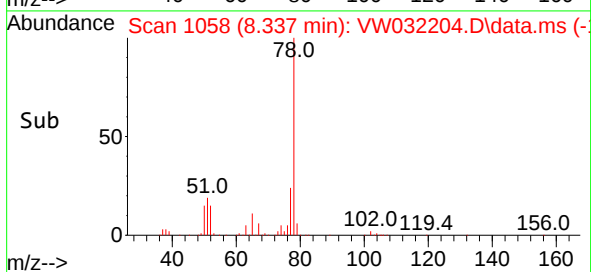
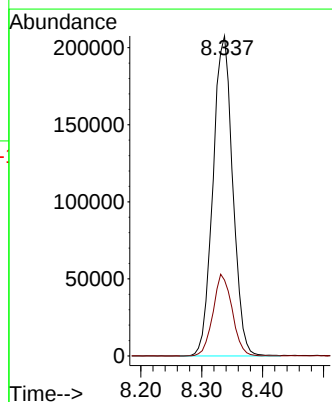
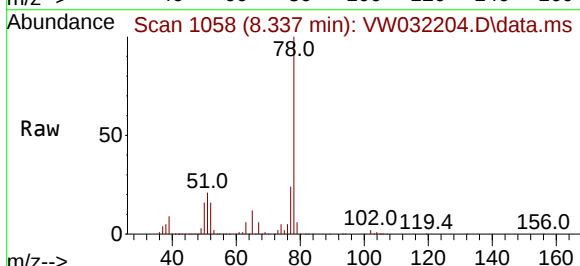
Acq: 19 Sep 2025 09:38

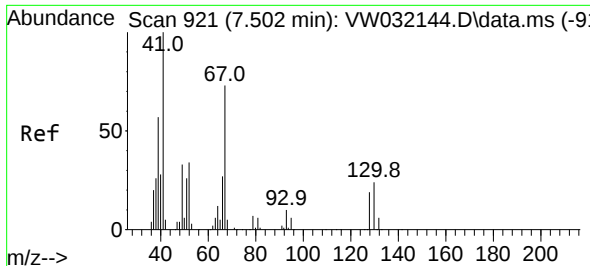
Tgt Ion: 78 Resp: 467450

Ion Ratio Lower Upper

78 100

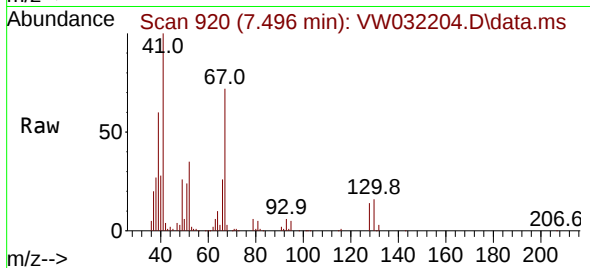
77 23.7 20.7 31.1





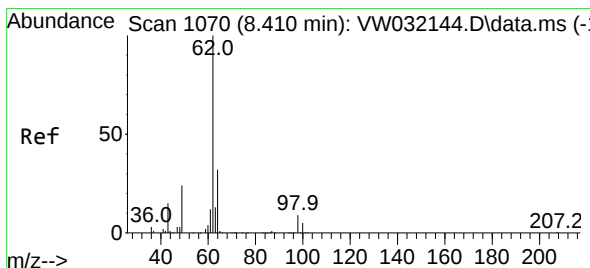
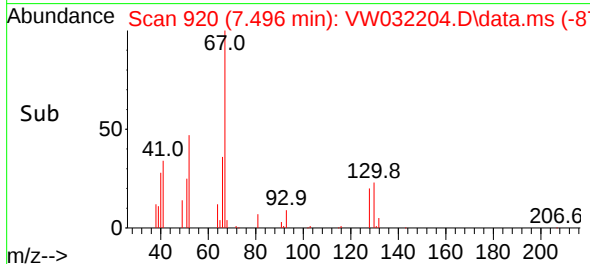
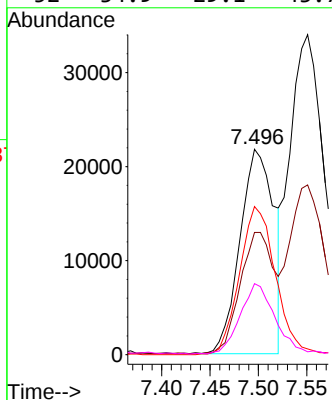
#41
Methacrylonitrile
Concen: 52.109 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 41 Resp: 53352

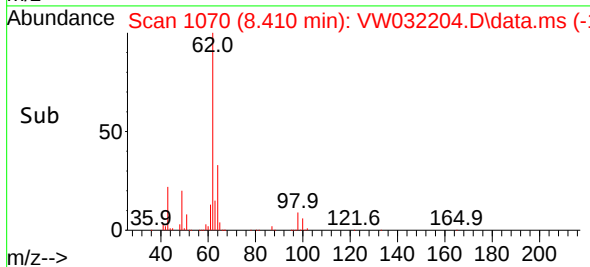
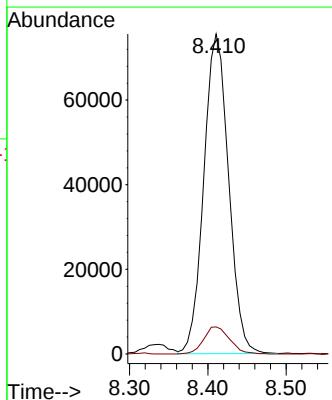
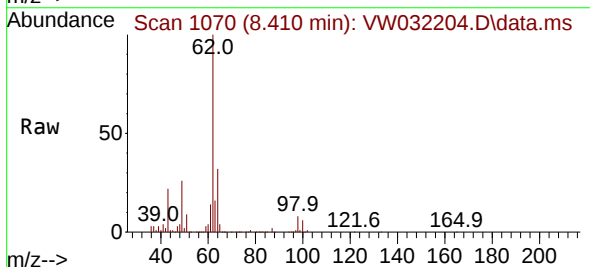
Ion	Ratio	Lower	Upper
41	100		
39	58.6	50.9	76.3
67	76.4	65.6	98.4
52	34.9	29.1	43.7

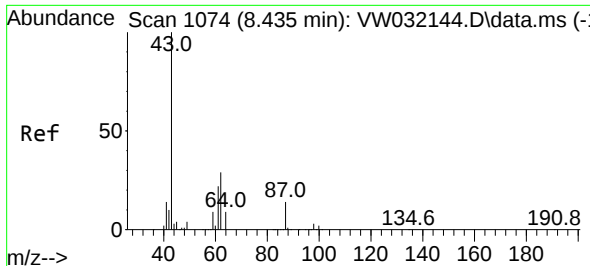


#42
1,2-Dichloroethane
Concen: 50.440 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 62 Resp: 166042

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

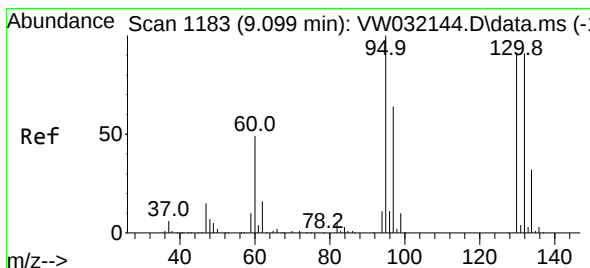
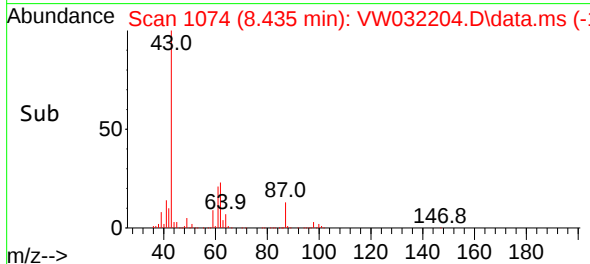
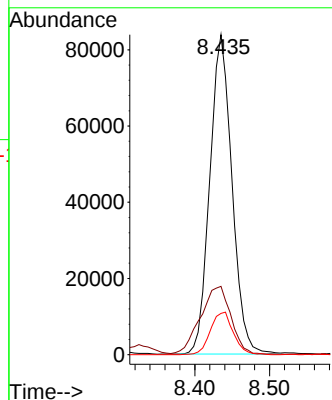
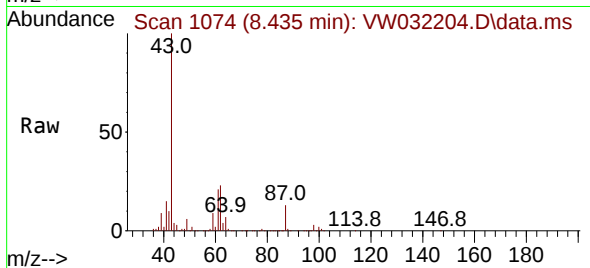




#43
Isopropyl Acetate
Concen: 50.108 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

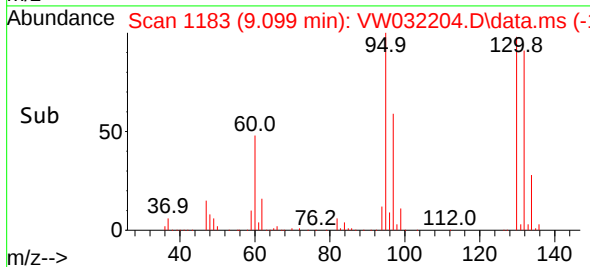
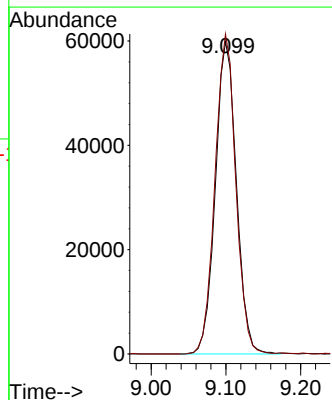
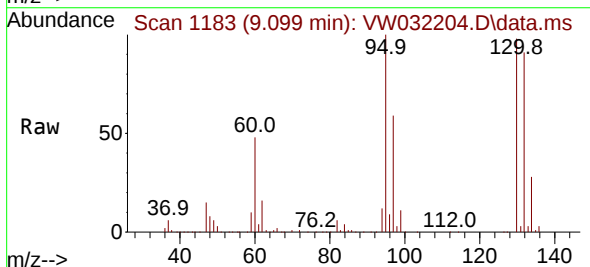
Instrument :
MSVOA_W
ClientSampleId :

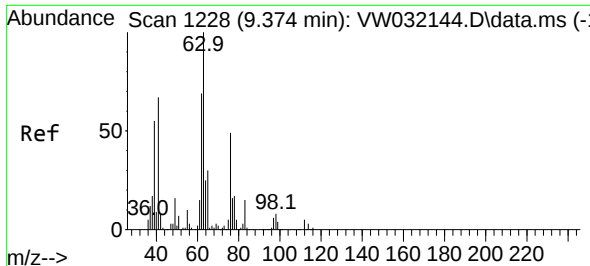
Tgt Ion: 43 Resp: 173234
Ion Ratio Lower Upper
43 100
61 29.4 23.3 34.9
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 49.093 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion:130 Resp: 117235
Ion Ratio Lower Upper
130 100
95 102.5 0.0 220.0

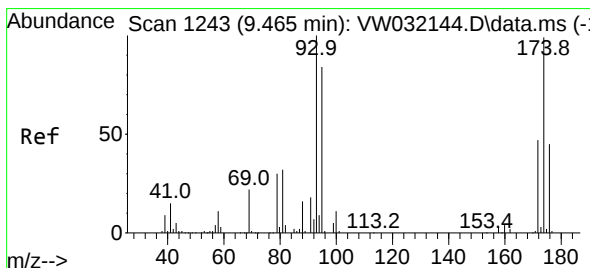
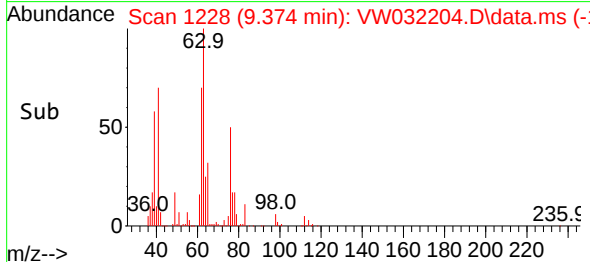
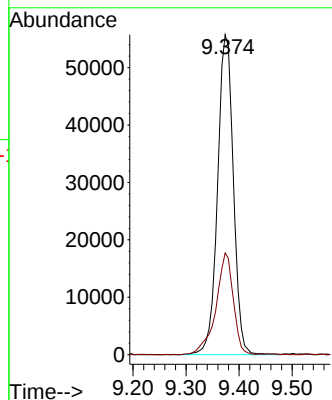
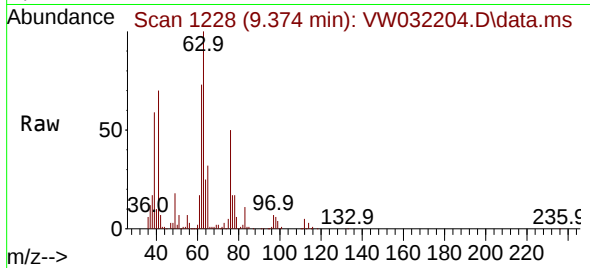




#45
1,2-Dichloropropane
Concen: 50.425 ug/l
RT: 9.374 min Scan# 115427
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

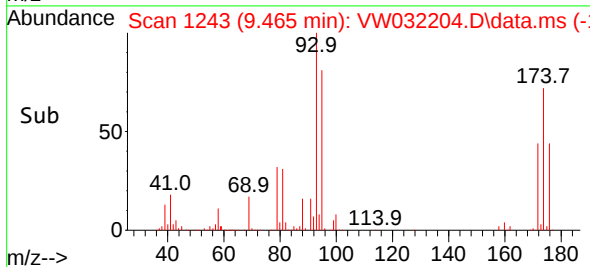
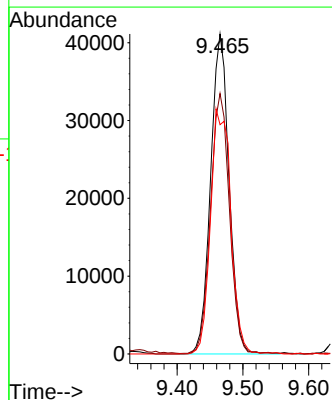
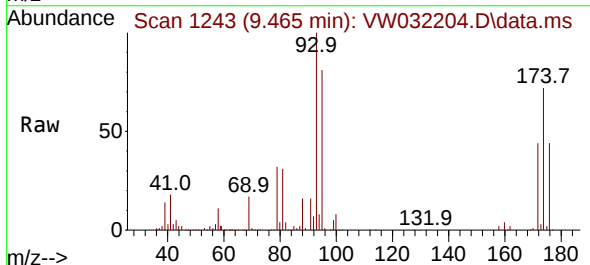
Instrument :
MSVOA_W
ClientSampleId :

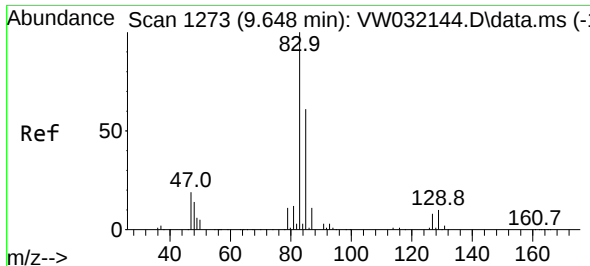
Tgt Ion: 63 Resp: 115427
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5



#46
Dibromomethane
Concen: 50.203 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 93 Resp: 80603
Ion Ratio Lower Upper
93 100
95 83.8 67.4 101.2
174 83.8 75.7 113.5

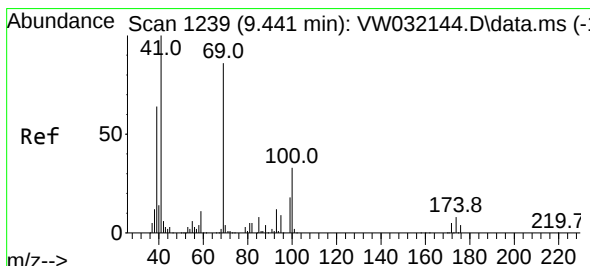
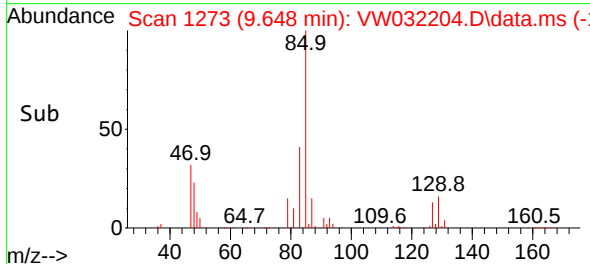
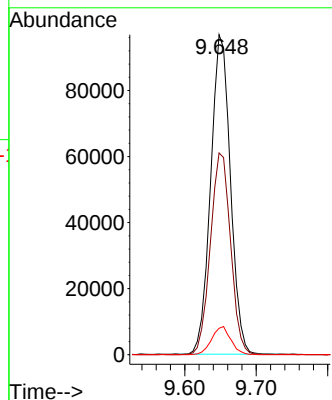
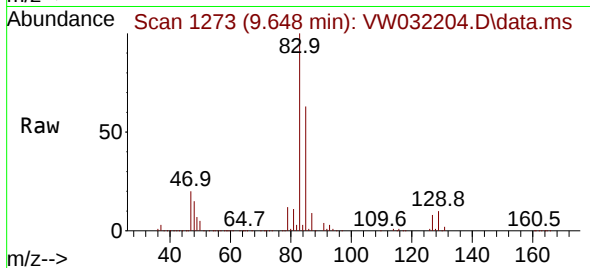




#47
Bromodichloromethane
Concen: 50.844 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

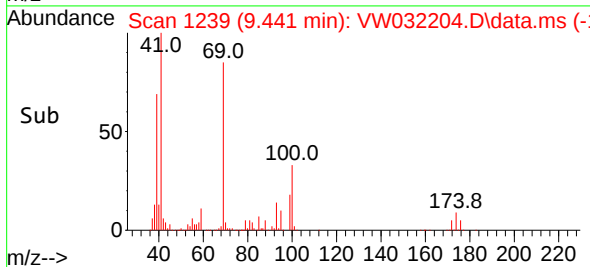
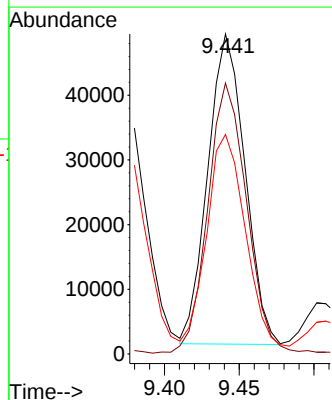
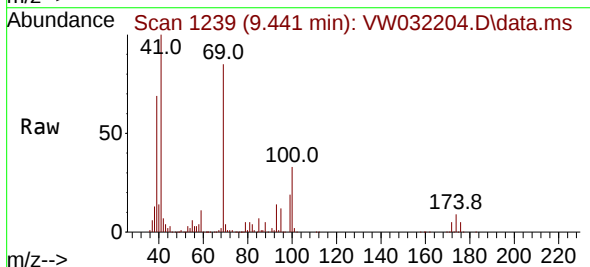
Instrument :
MSVOA_W
ClientSampleId :

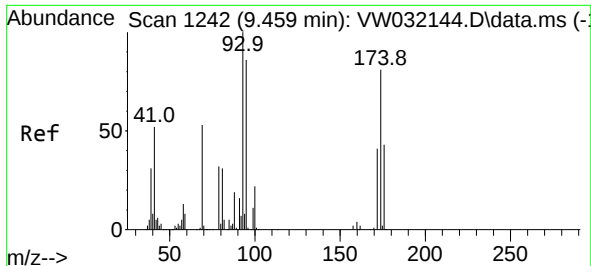
Tgt Ion: 83 Resp: 185510
Ion Ratio Lower Upper
83 100
85 63.1 48.7 73.1
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 51.924 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 41 Resp: 82727
Ion Ratio Lower Upper
41 100
69 91.9 71.5 107.3
39 69.5 55.9 83.9





#49

1,4-Dioxane

Concen: 976.810 ug/l

RT: 9.459 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

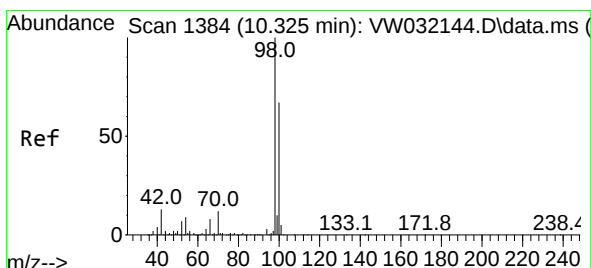
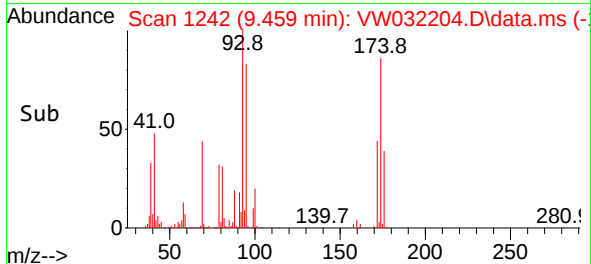
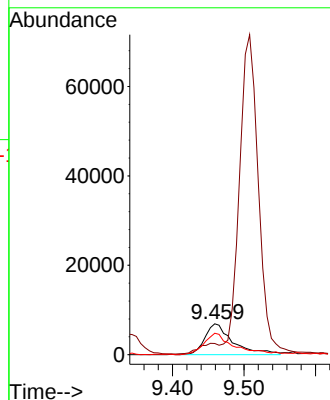
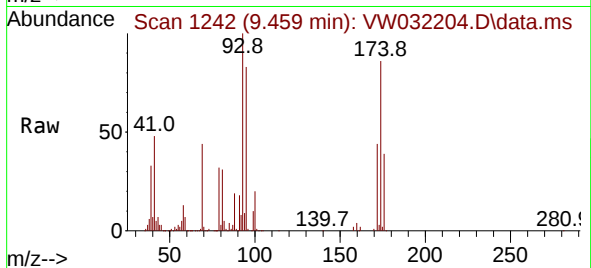
Tgt Ion: 88 Resp: 18949

Ion Ratio Lower Upper

88 100

43 24.7 18.0 27.0

58 72.0 55.4 83.0



#50

Toluene-d8

Concen: 48.291 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032204.D

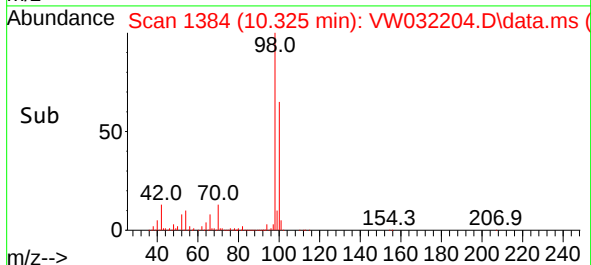
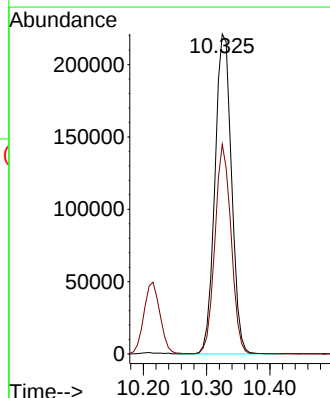
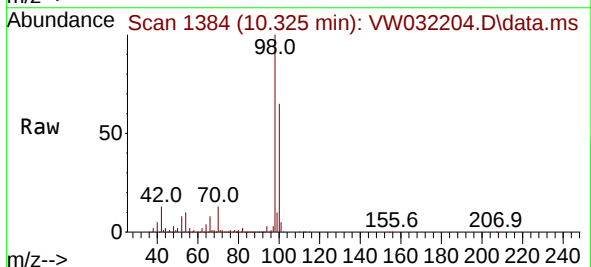
Acq: 19 Sep 2025 09:38

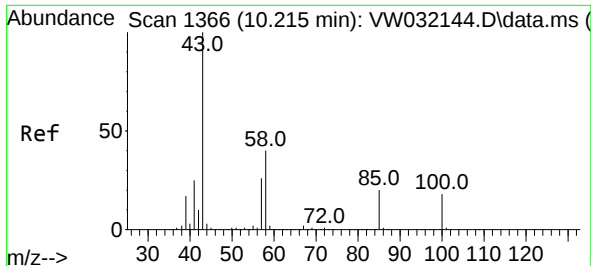
Tgt Ion: 98 Resp: 401656

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2

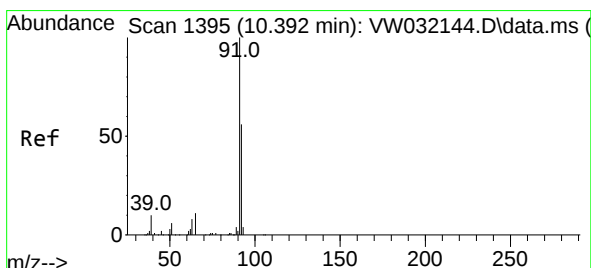
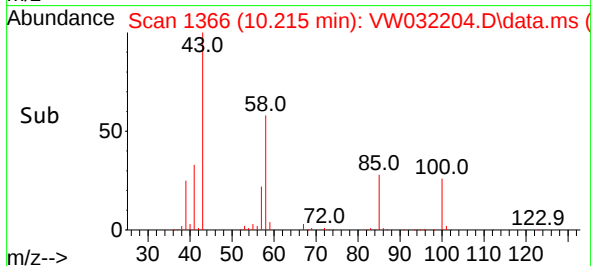
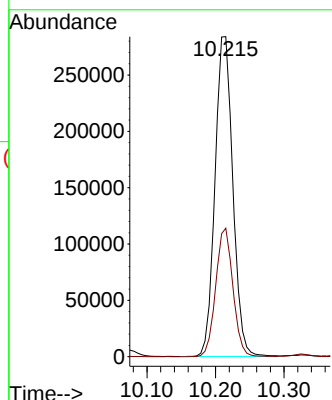
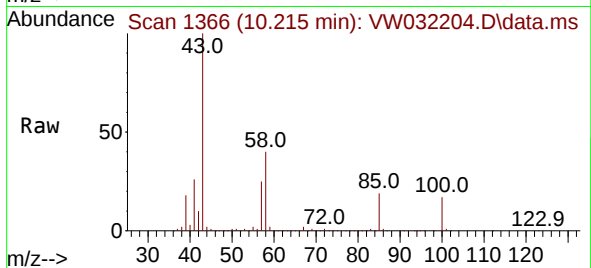




#51
4-Methyl-2-Pentanone
Concen: 262.826 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

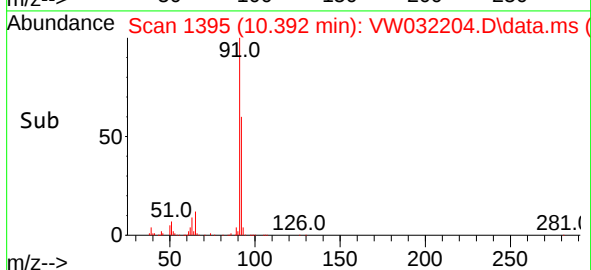
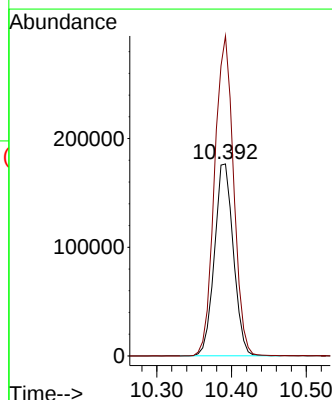
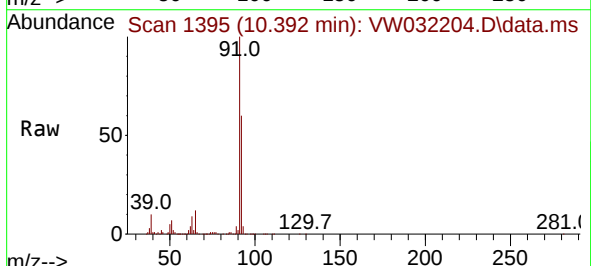
Instrument :
MSVOA_W
ClientSampleId :

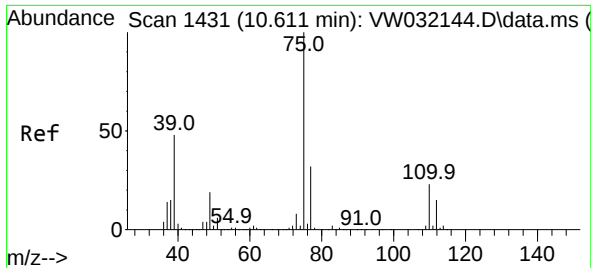
Tgt Ion: 43 Resp: 513068
Ion Ratio Lower Upper
43 100
58 38.7 32.0 48.0



#52
Toluene
Concen: 49.929 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 92 Resp: 309828
Ion Ratio Lower Upper
92 100
91 168.4 137.5 206.3

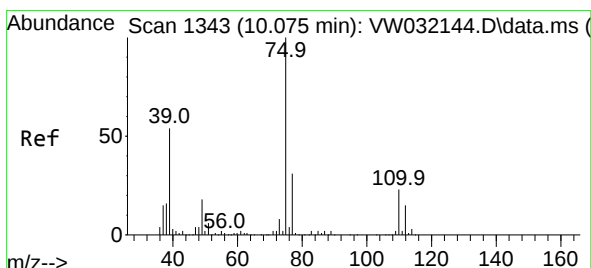
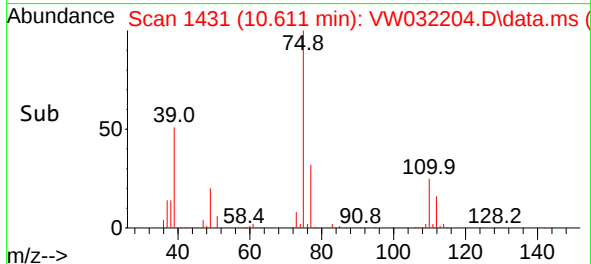
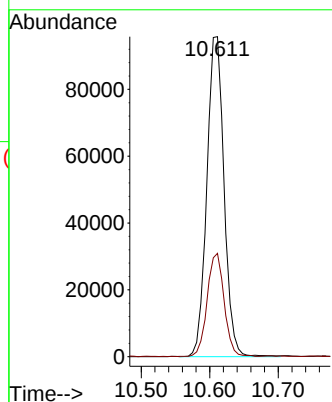
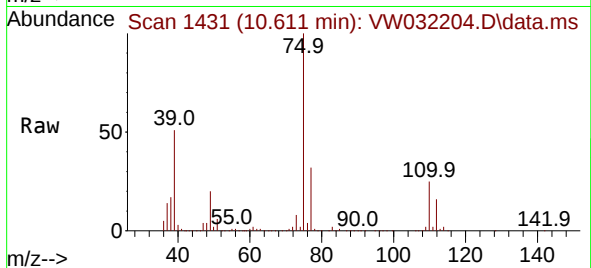




#53
t-1,3-Dichloropropene
Concen: 52.063 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

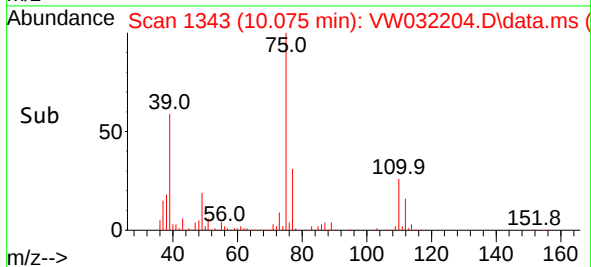
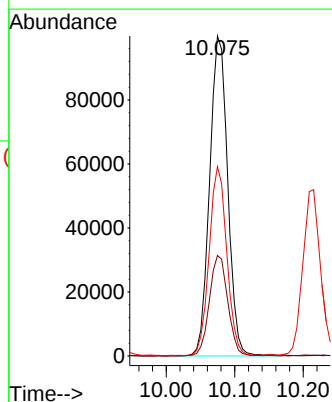
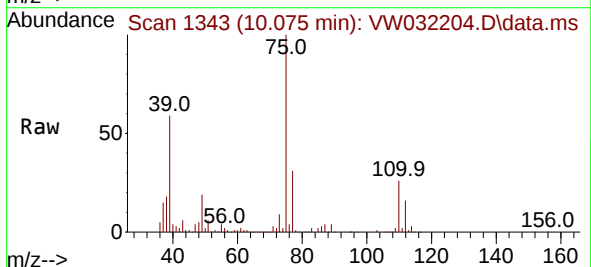
Instrument :
MSVOA_W
ClientSampleId :

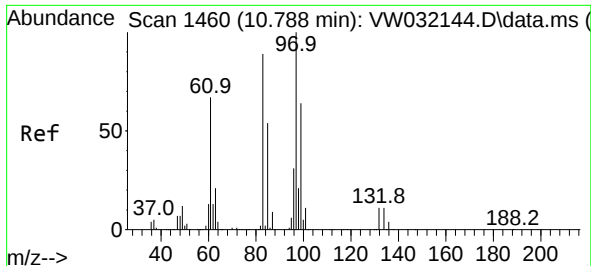
Tgt Ion: 75 Resp: 167574
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 49.954 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 75 Resp: 183462
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 58.9 43.2 64.8

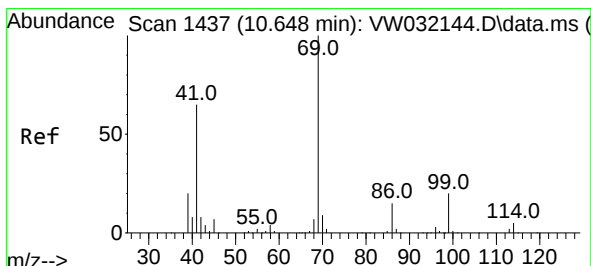
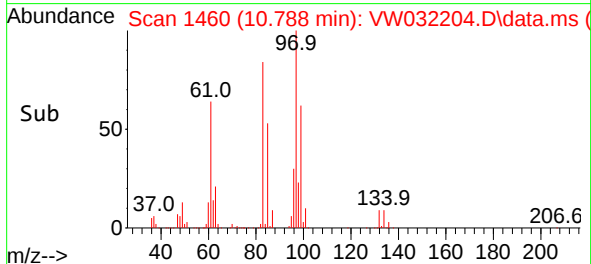
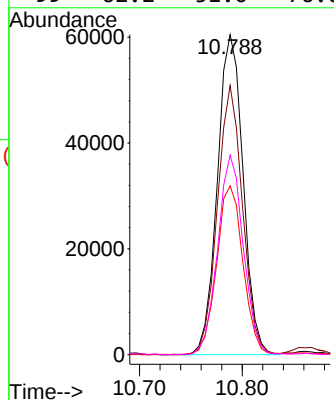
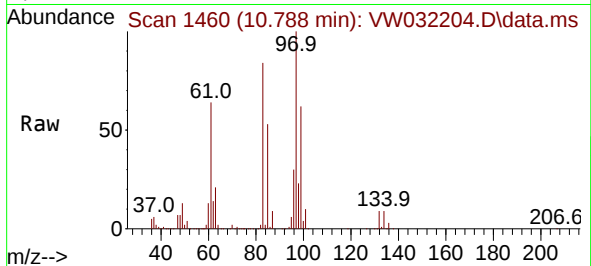




#55
1,1,2-Trichloroethane
Concen: 50.216 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

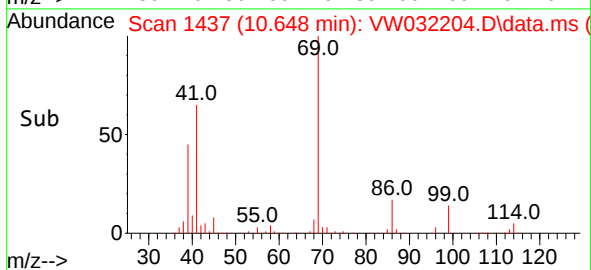
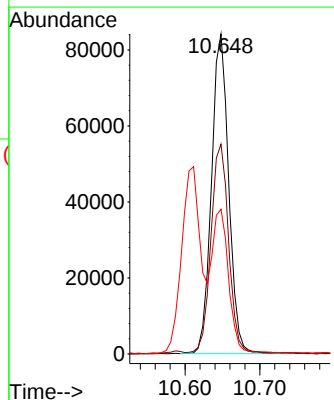
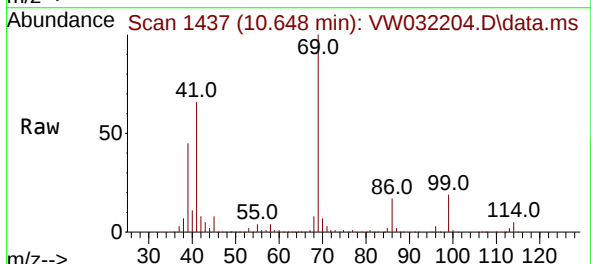
Instrument :
MSVOA_W
ClientSampleId :

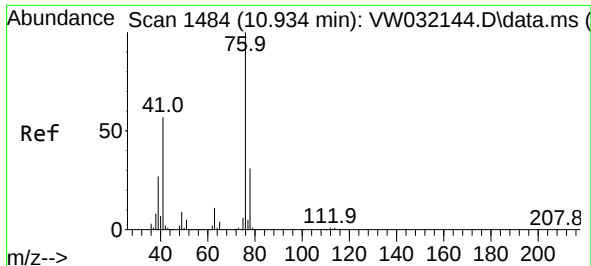
Tgt Ion:	97	Resp:	104842
Ion	Ratio	Lower	Upper
97	100		
83	84.0	71.0	106.6
85	52.7	42.8	64.2
99	62.2	51.0	76.6



#56
Ethyl methacrylate
Concen: 50.516 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion:	69	Resp:	134837
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.2	79.8
39	42.8	32.9	49.3





#57

1,3-Dichloropropane

Concen: 50.317 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

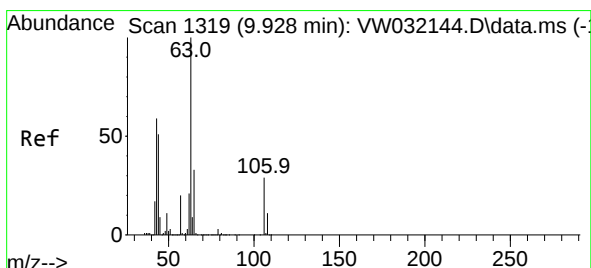
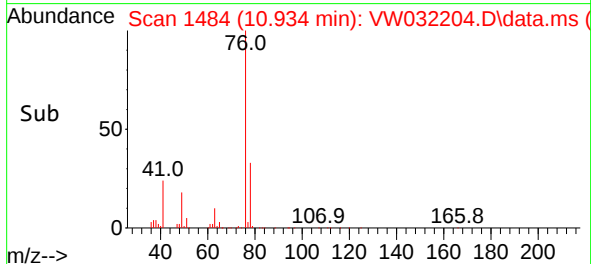
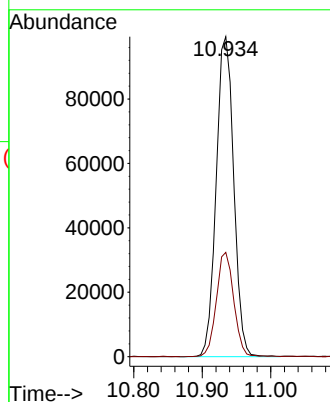
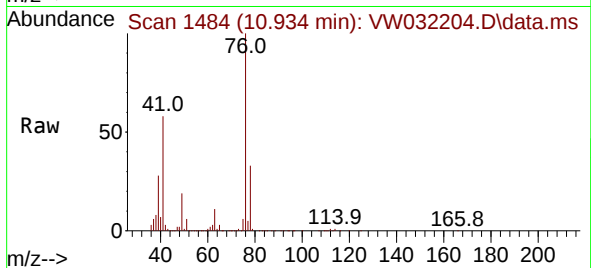
ClientSampleId :

Tgt Ion: 76 Resp: 175901

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 258.375 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032204.D

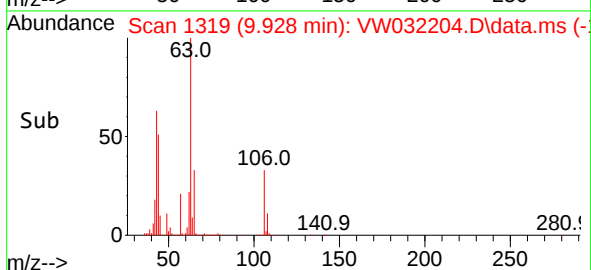
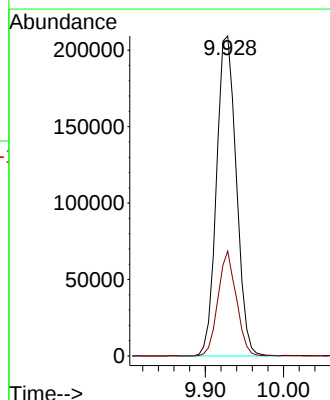
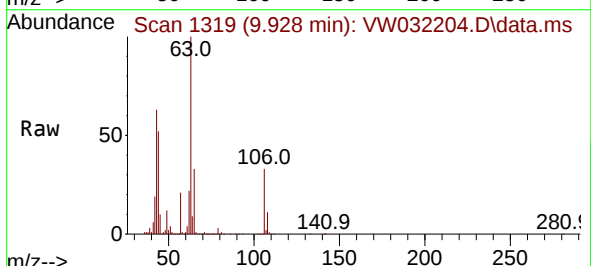
Acq: 19 Sep 2025 09:38

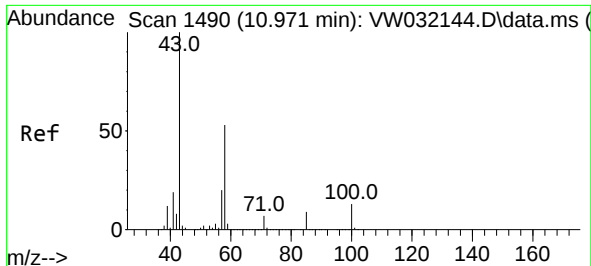
Tgt Ion: 63 Resp: 368106

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5

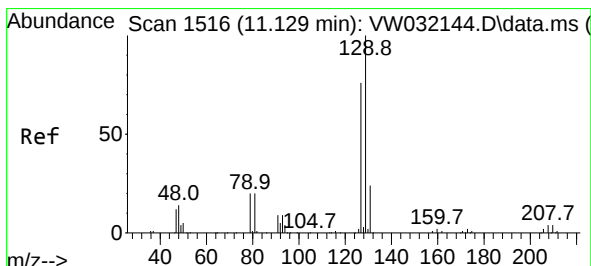
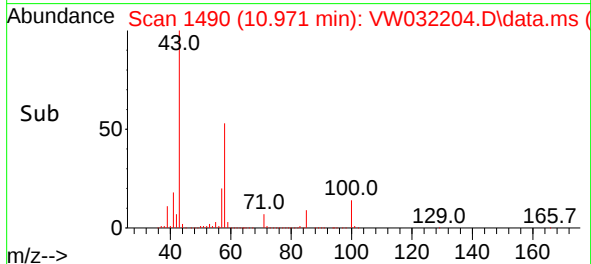
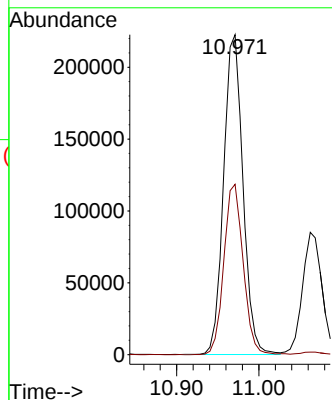
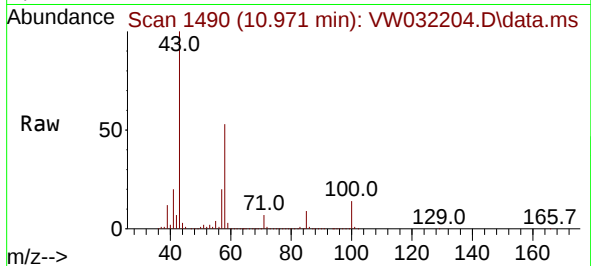




#59
2-Hexanone
Concen: 268.646 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

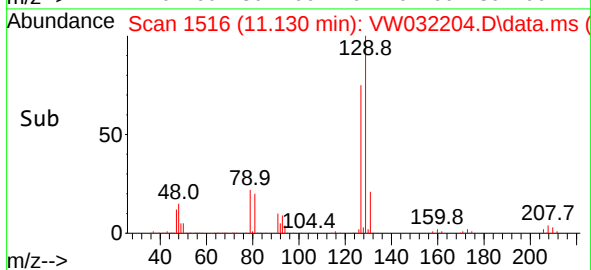
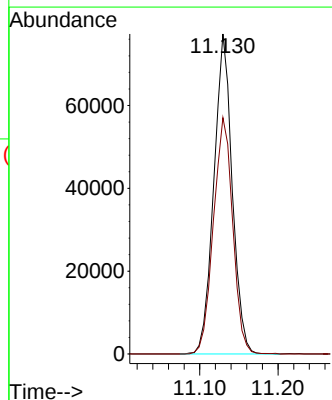
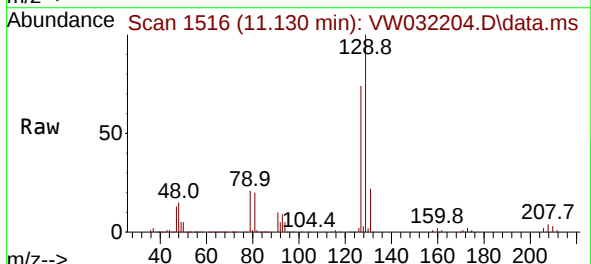
Instrument :
MSVOA_W
ClientSampleId :

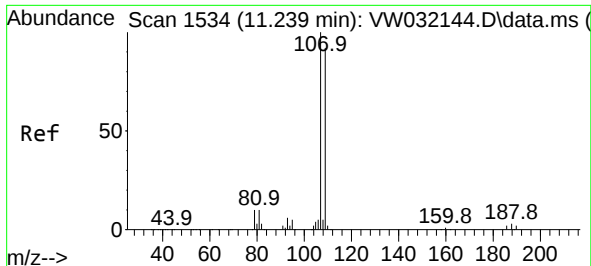
Tgt Ion: 43 Resp: 364727
Ion Ratio Lower Upper
43 100
58 53.2 27.5 82.4



#60
Dibromochloromethane
Concen: 49.751 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

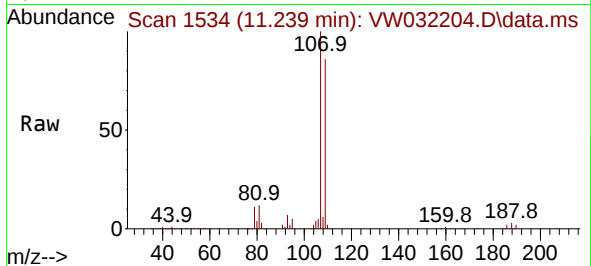
Tgt Ion:129 Resp: 125688
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5



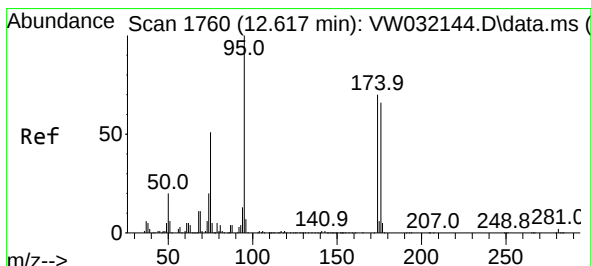
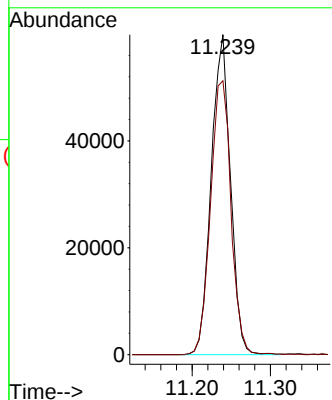
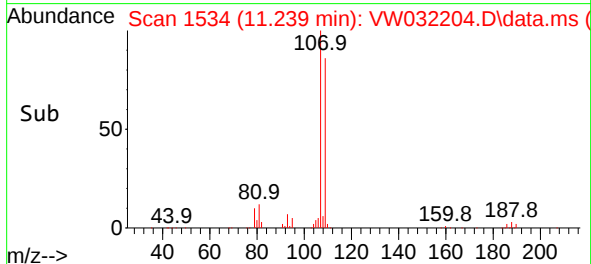


#61
1,2-Dibromoethane
Concen: 49.669 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

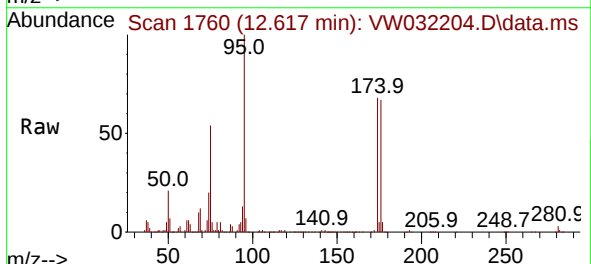
Instrument :
MSVOA_W
ClientSampleId :



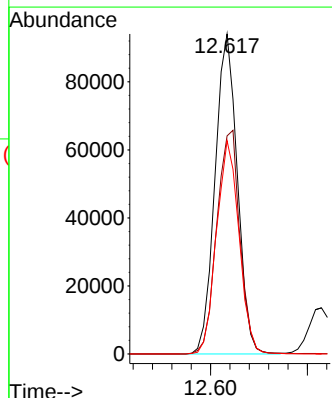
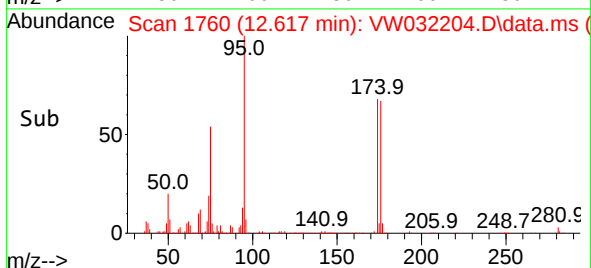
Tgt Ion:107 Resp: 101978
Ion Ratio Lower Upper
107 100
109 91.5 74.5 111.7

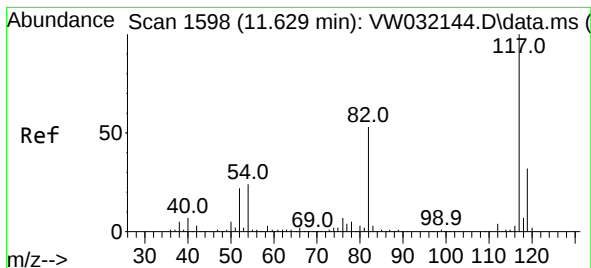


#62
4-Bromofluorobenzene
Concen: 48.900 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38



Tgt Ion: 95 Resp: 150398
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.6
176 67.3 0.0 140.8

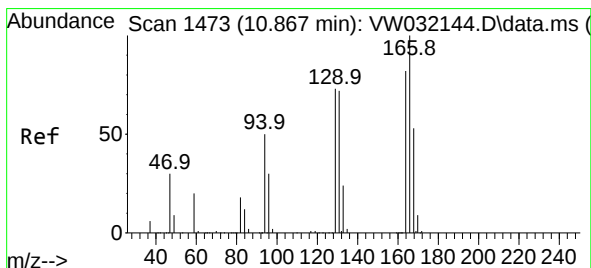
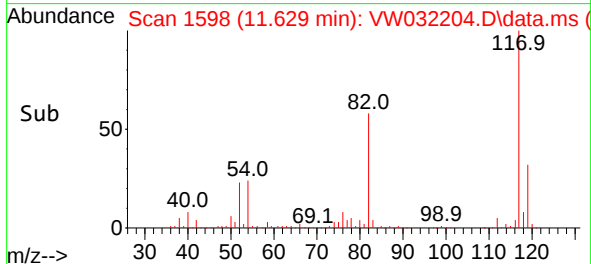
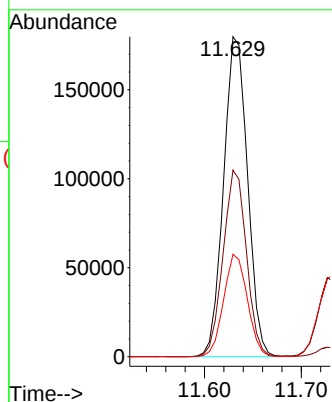
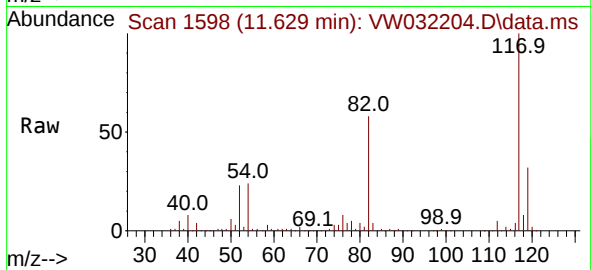




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

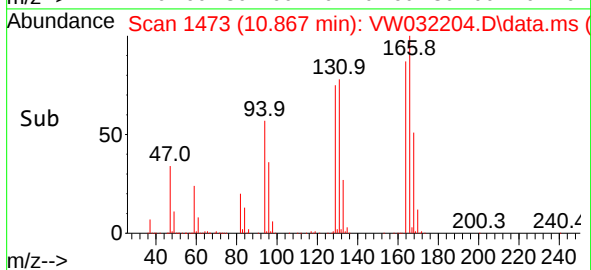
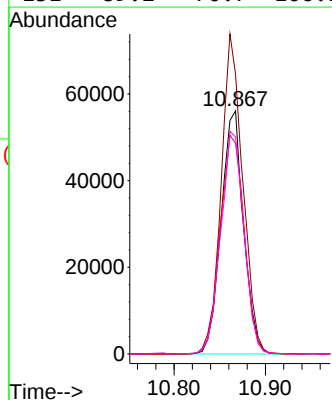
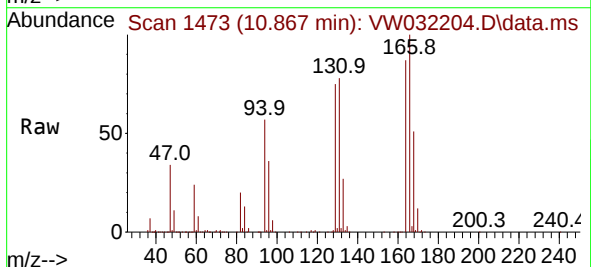
Instrument :
MSVOA_W
ClientSampleId :

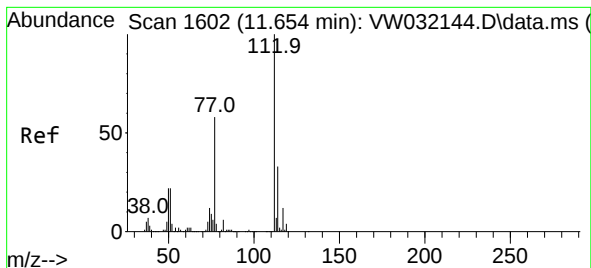
Tgt Ion:117 Resp: 309889
Ion Ratio Lower Upper
117 100
82 58.3 42.7 64.1
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 46.751 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion:164 Resp: 95352
Ion Ratio Lower Upper
164 100
166 115.1 97.5 146.3
129 86.7 71.2 106.8
131 89.2 70.7 106.1





#65

Chlorobenzene

Concen: 48.874 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

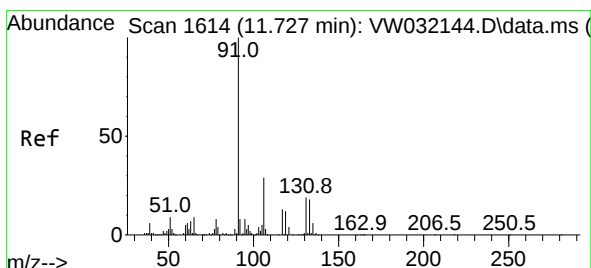
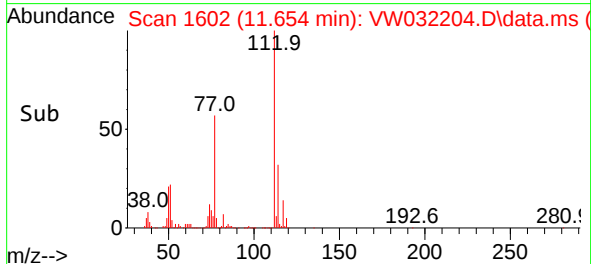
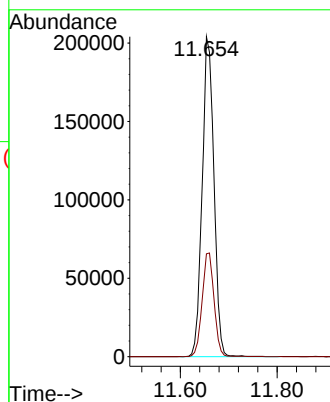
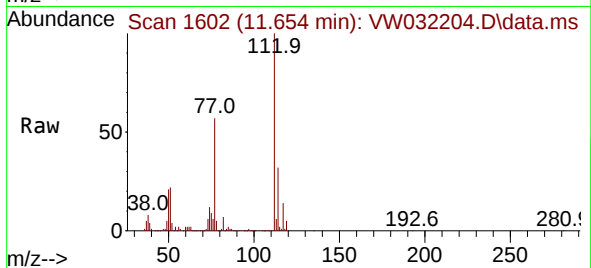
ClientSampleId :

Tgt Ion:112 Resp: 344732

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.611 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

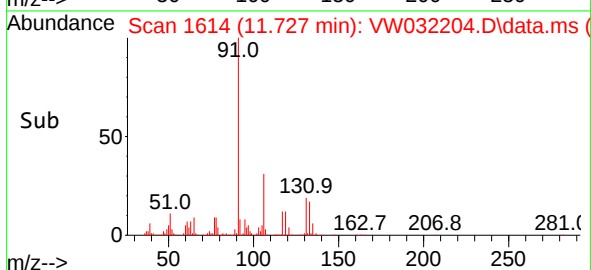
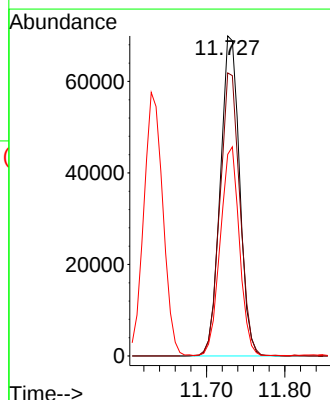
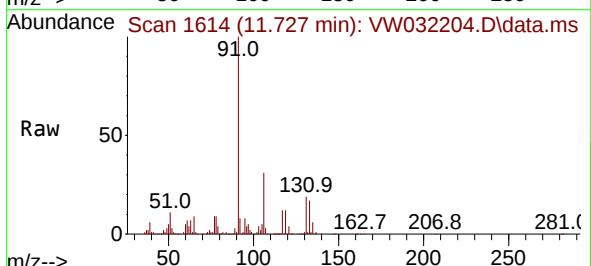
Tgt Ion:131 Resp: 119852

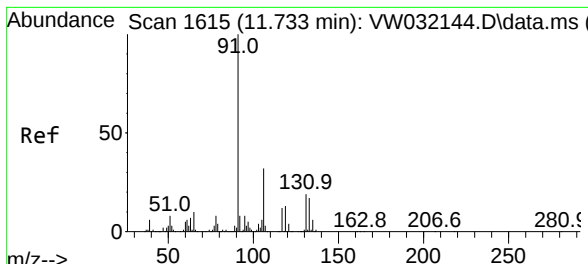
Ion Ratio Lower Upper

131 100

133 91.2 47.7 143.1

119 64.8 32.8 98.3

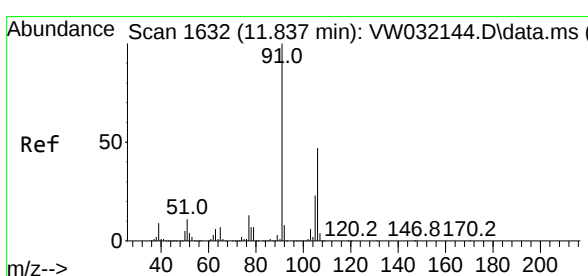
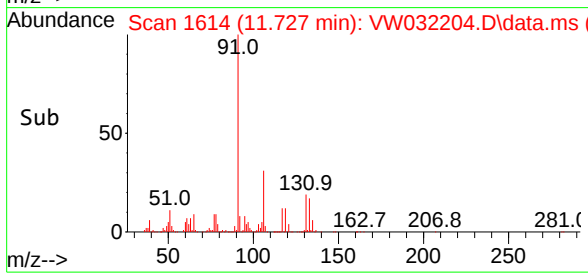
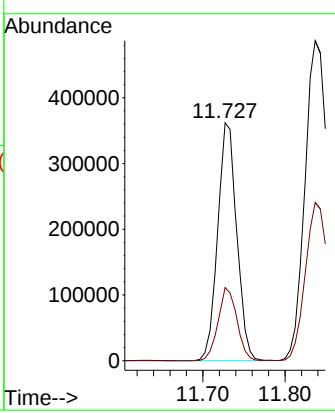
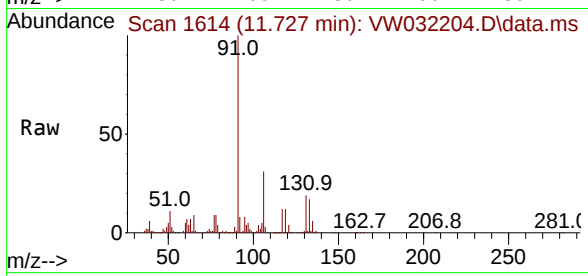




#67
 Ethyl Benzene
 Concen: 50.365 ug/l
 RT: 11.727 min Scan# 1614
 Delta R.T. -0.006 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

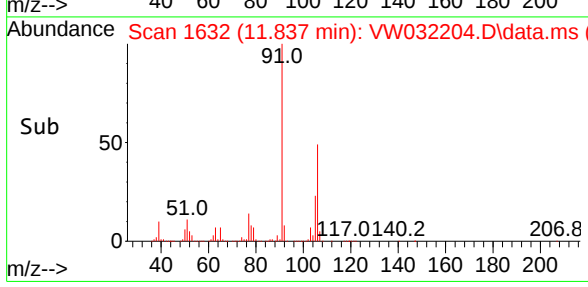
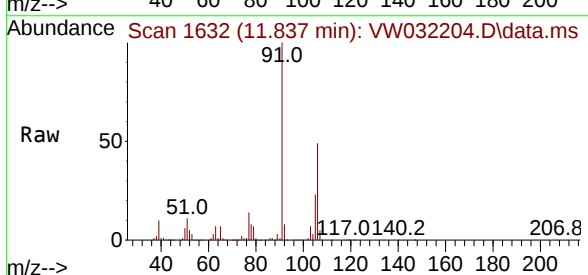
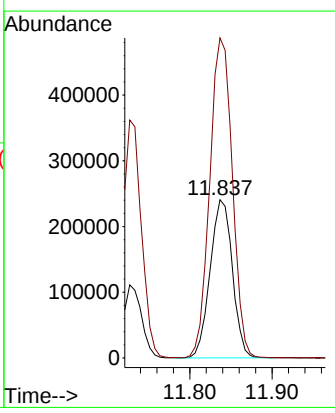
Instrument :
 MSVOA_W
 ClientSampleId :

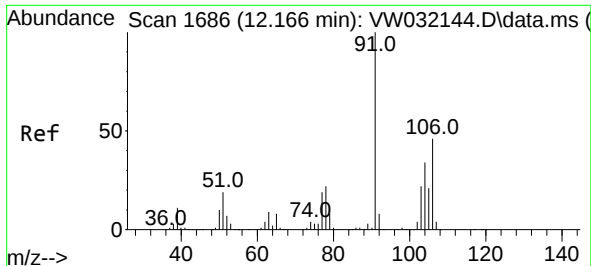
Tgt Ion: 91 Resp: 582056
 Ion Ratio Lower Upper
 91 100
 106 30.7 25.3 37.9



#68
 m/p-Xylenes
 Concen: 101.535 ug/l
 RT: 11.837 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VW032204.D
 Acq: 19 Sep 2025 09:38

Tgt Ion: 106 Resp: 451604
 Ion Ratio Lower Upper
 106 100
 91 206.0 164.2 246.2

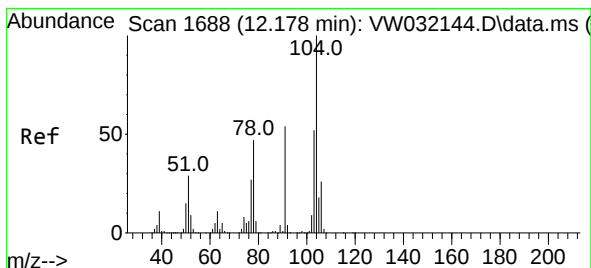
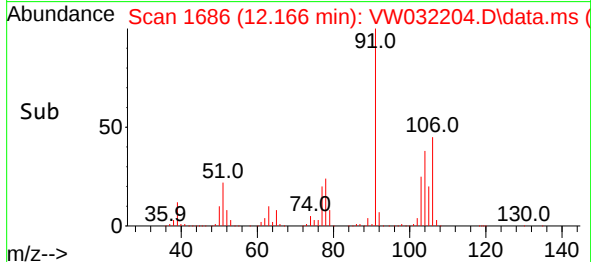
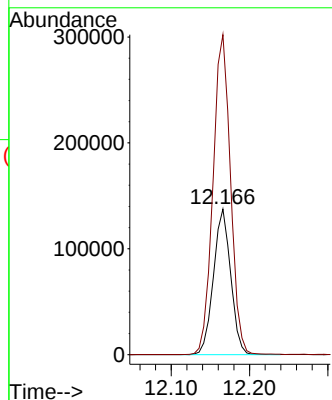
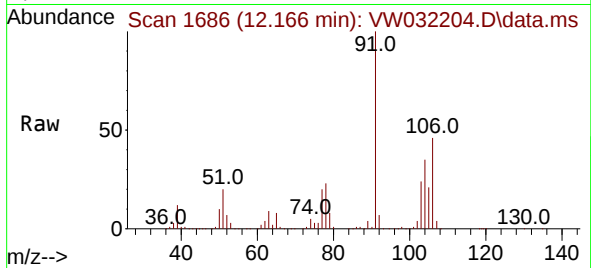




#69
o-Xylene
Concen: 49.884 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

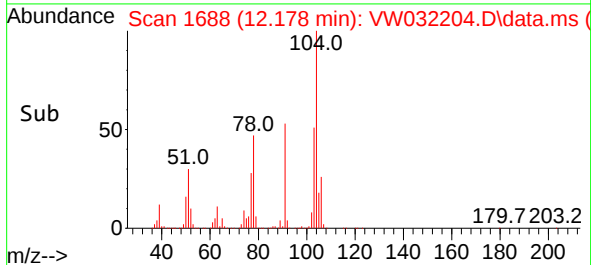
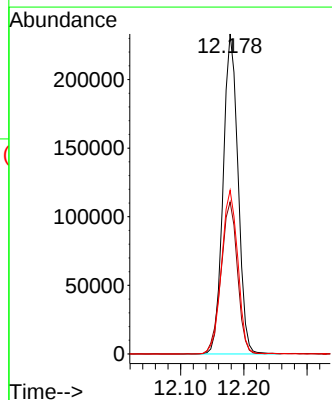
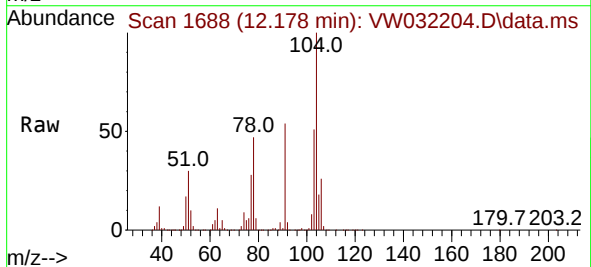
Instrument :
MSVOA_W
ClientSampleId :

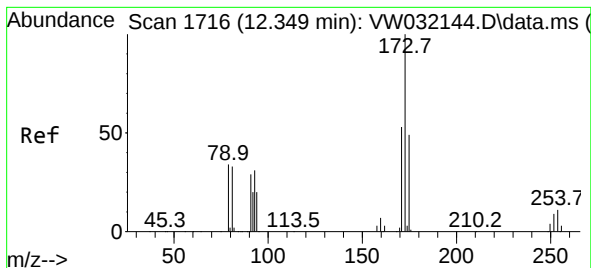
Tgt Ion:106 Resp: 209869
Ion Ratio Lower Upper
106 100
91 223.3 108.7 326.3



#70
Styrene
Concen: 51.305 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion:104 Resp: 380492
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.6 44.8 67.2





#71

Bromoform

Concen: 50.182 ug/l

RT: 12.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032204.D

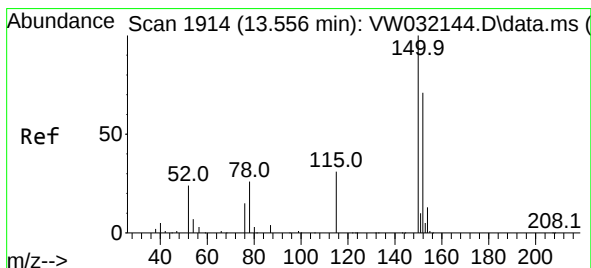
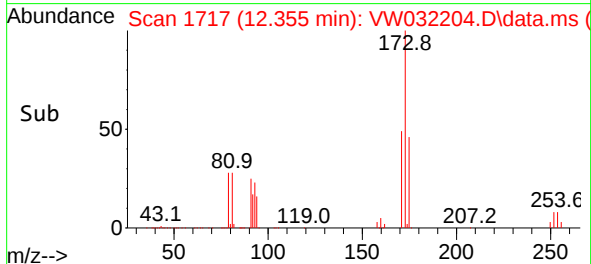
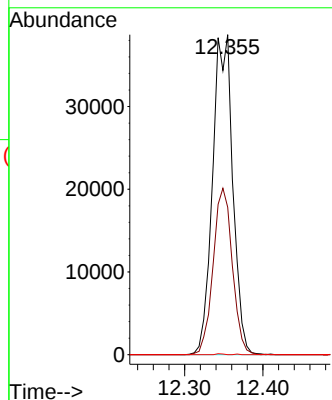
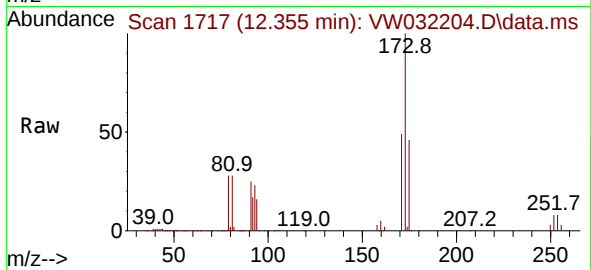
Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	69213
Ion Ratio	Lower	Upper
173	100	
175	49.5	24.9 74.7
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

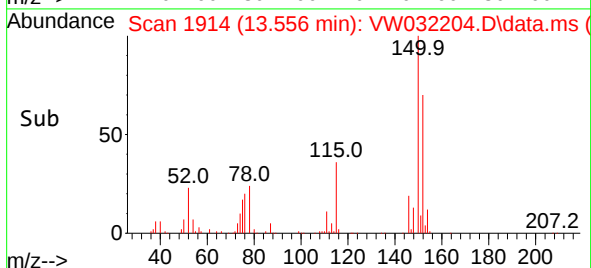
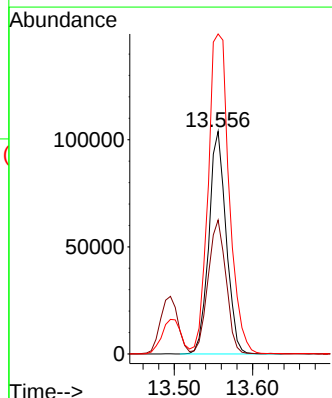
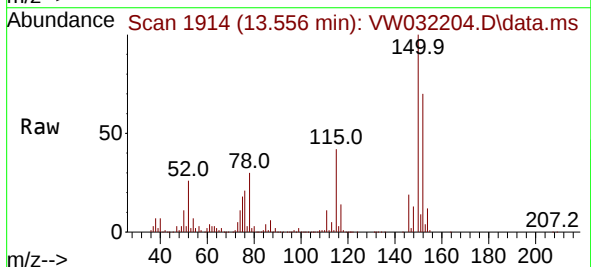
RT: 13.556 min Scan# 1914

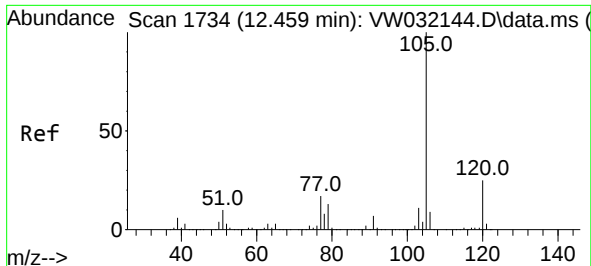
Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Tgt Ion:152	Resp:	159183
Ion Ratio	Lower	Upper
152	100	
115	62.2	31.8 95.4
150	174.7	0.0 343.0

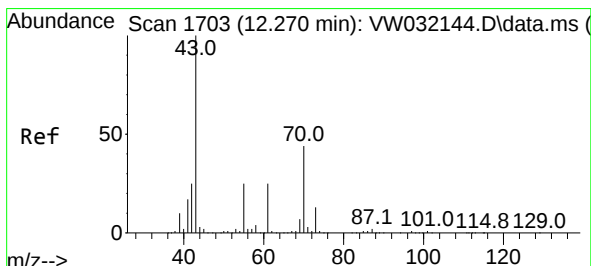
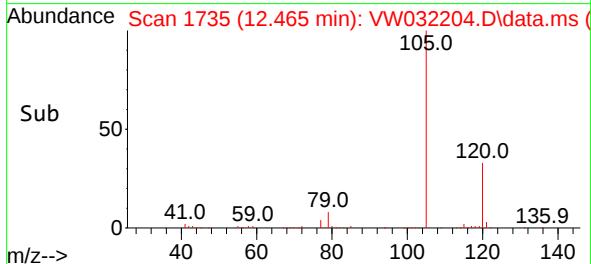
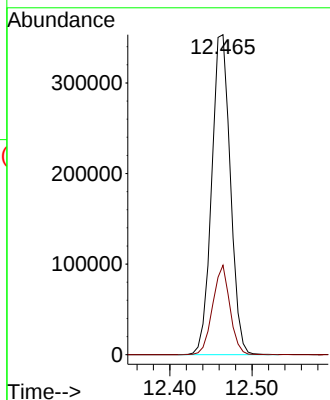
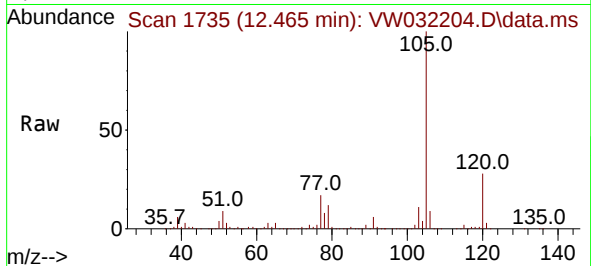




#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

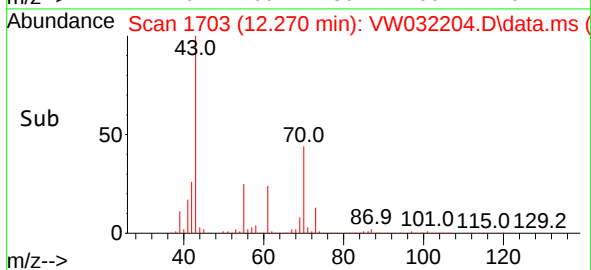
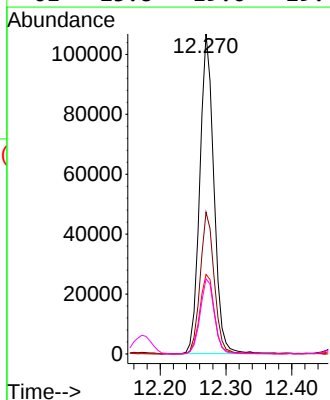
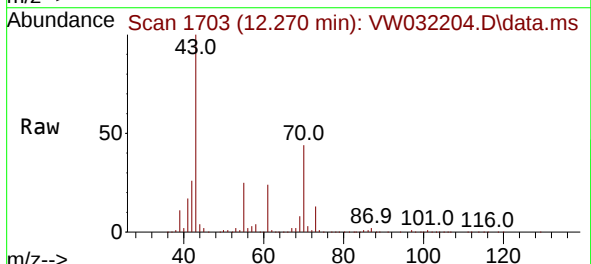
Instrument :
MSVOA_W
ClientSampleId :

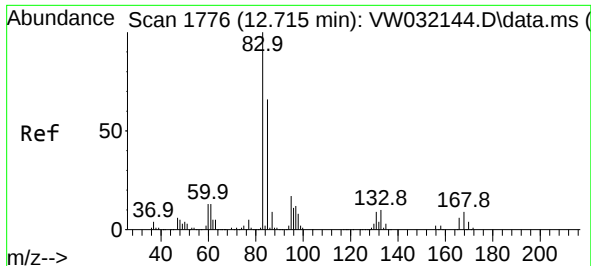
Tgt Ion:105 Resp: 558649
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 50.671 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 43 Resp: 159092
Ion Ratio Lower Upper
43 100
70 44.4 35.3 52.9
55 26.0 19.9 29.9
61 23.8 19.6 29.4

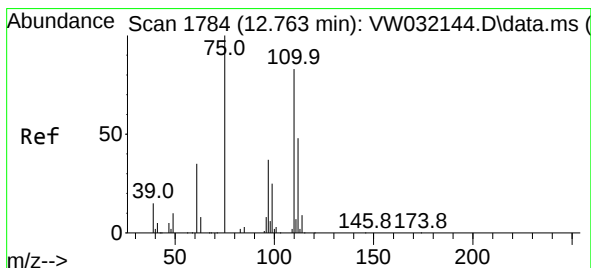
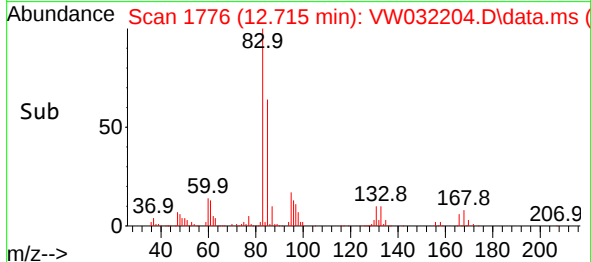
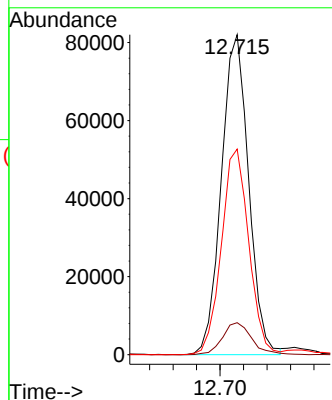
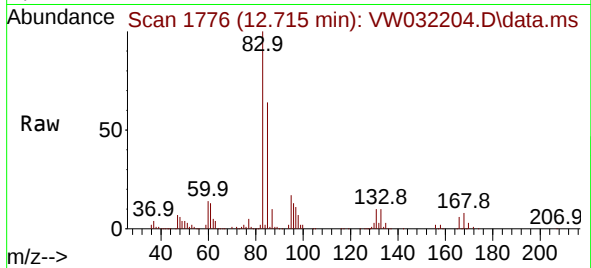




#75
1,1,2,2-Tetrachloroethane
Concen: 51.459 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

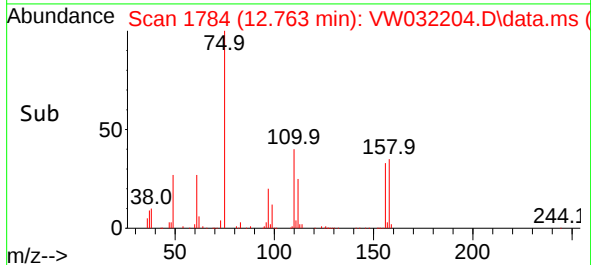
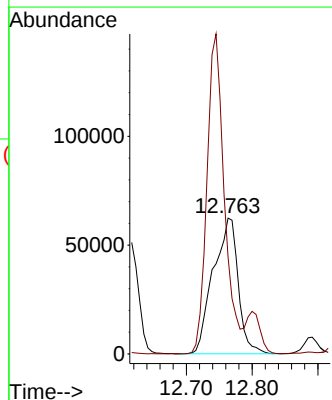
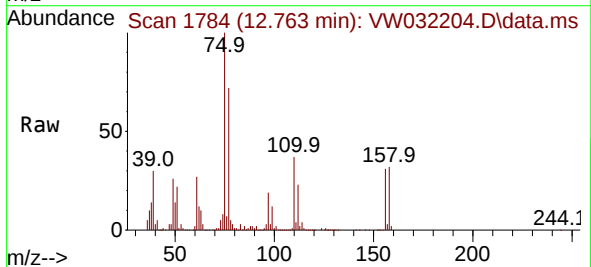
Instrument :
MSVOA_W
ClientSampleId :

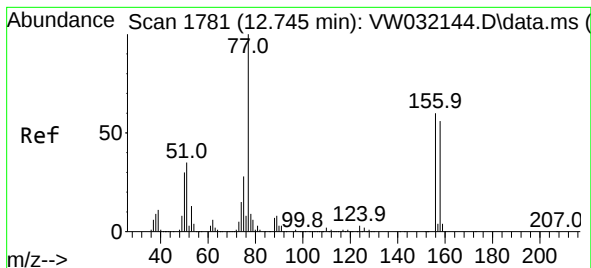
Tgt Ion: 83 Resp: 132253
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 64.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 82.412 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 75 Resp: 164350
Ion Ratio Lower Upper
75 100
77 164.0 141.7 425.1





#77

Bromobenzene

Concen: 48.903 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

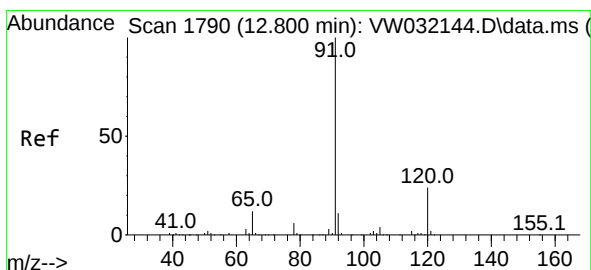
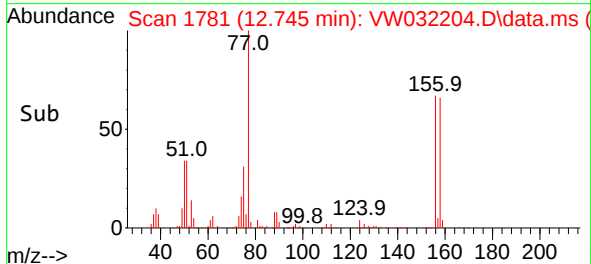
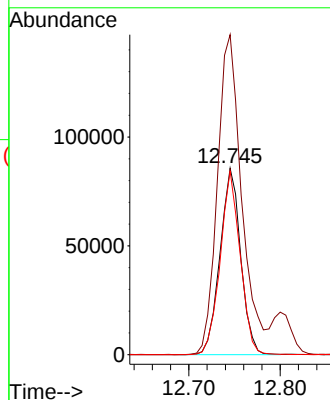
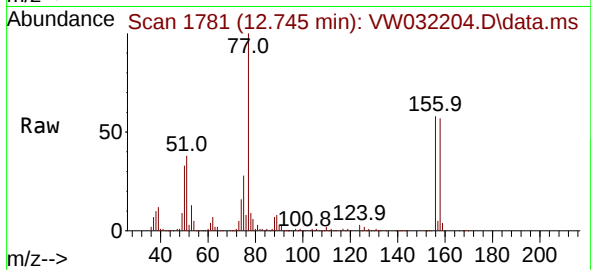
Tgt Ion:156 Resp: 134863

Ion Ratio Lower Upper

156 100

77 199.9 98.6 295.7

158 95.2 48.4 145.0



#78

n-propylbenzene

Concen: 53.049 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032204.D

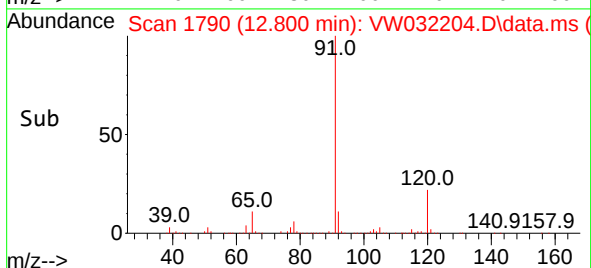
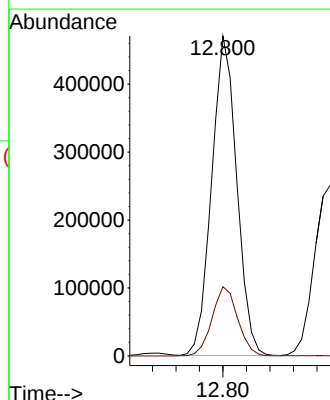
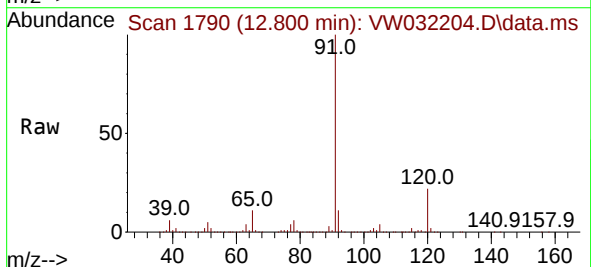
Acq: 19 Sep 2025 09:38

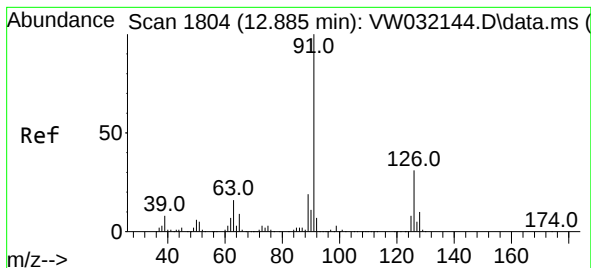
Tgt Ion: 91 Resp: 696497

Ion Ratio Lower Upper

91 100

120 22.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 50.940 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

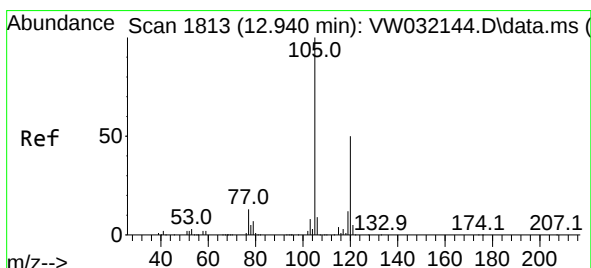
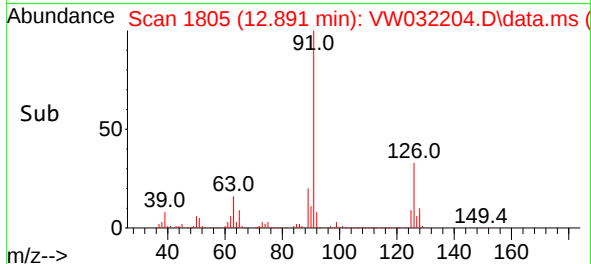
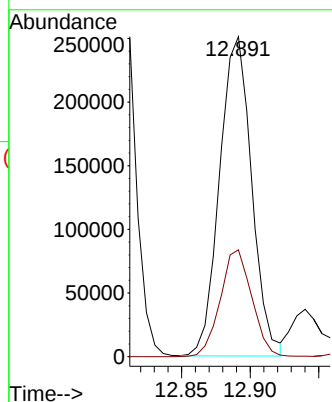
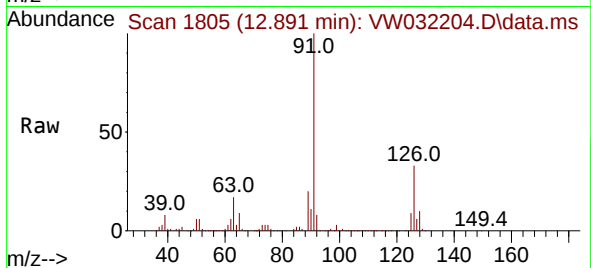
ClientSampleId :

Tgt Ion: 91 Resp: 408980

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 52.508 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032204.D

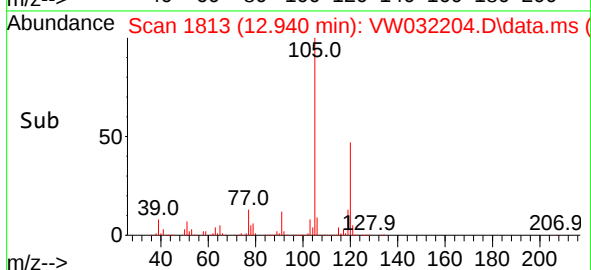
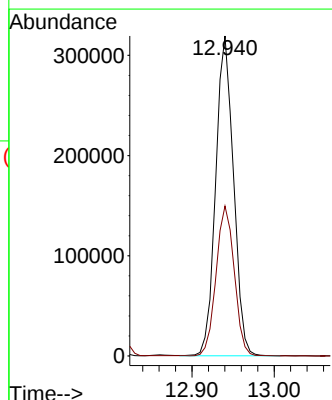
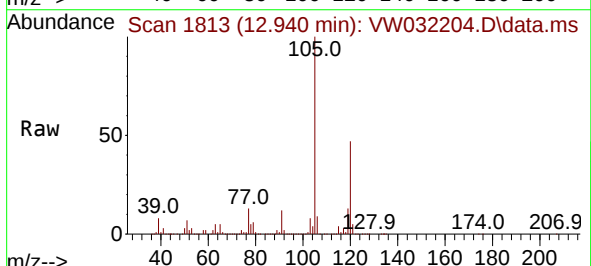
Acq: 19 Sep 2025 09:38

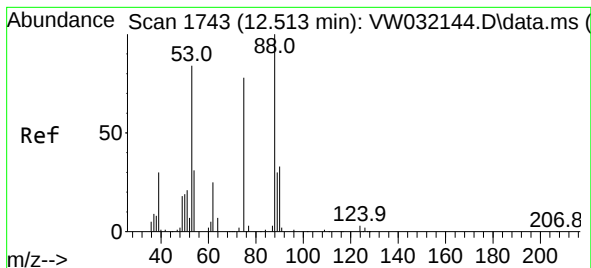
Tgt Ion:105 Resp: 480769

Ion Ratio Lower Upper

105 100

120 47.8 24.8 74.4

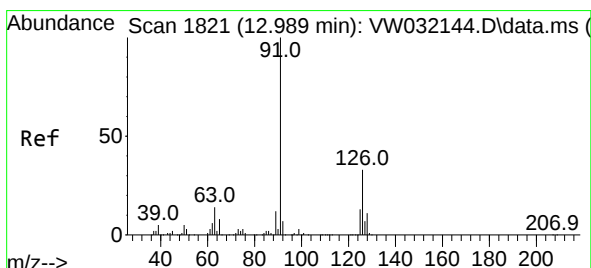
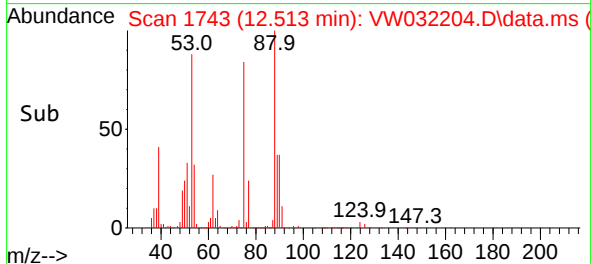
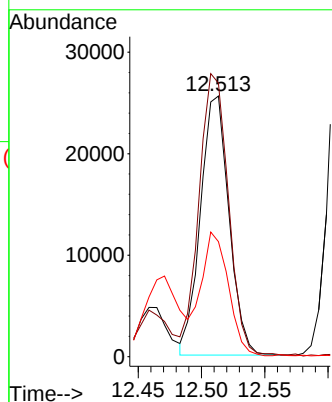
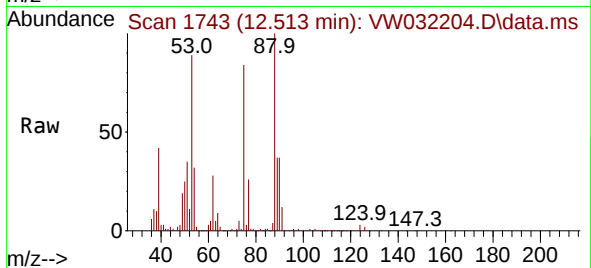




#81
trans-1,4-Dichloro-2-butene
Concen: 54.171 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

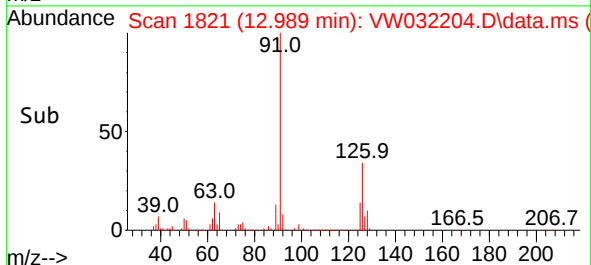
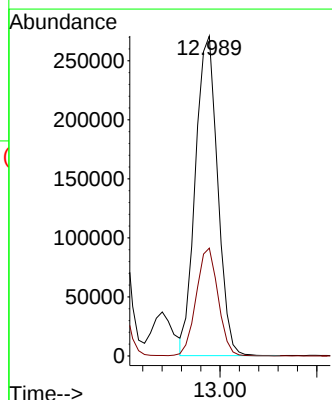
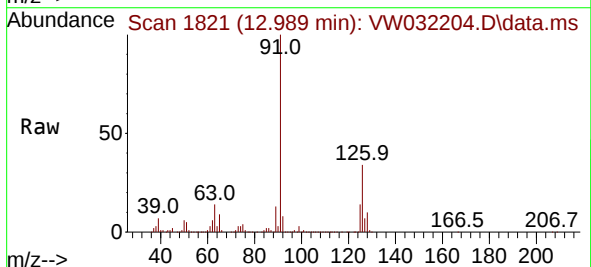
Instrument :
MSVOA_W
ClientSampleId :

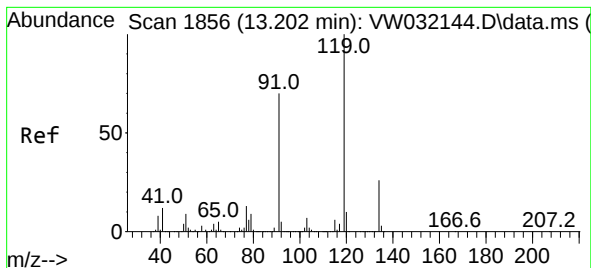
Tgt Ion: 75 Resp: 40123
Ion Ratio Lower Upper
75 100
53 112.4 91.0 136.6
89 46.1 39.4 59.2



#82
4-Chlorotoluene
Concen: 50.265 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 91 Resp: 431982
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2





#83

tert-Butylbenzene

Concen: 52.836 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

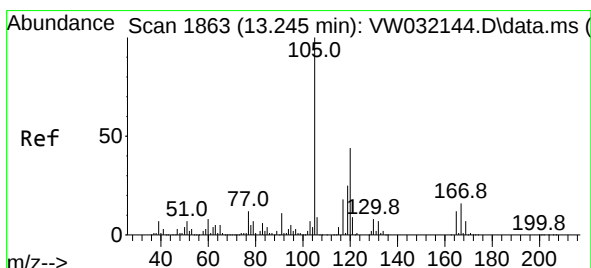
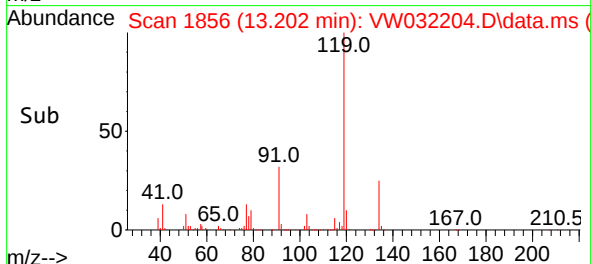
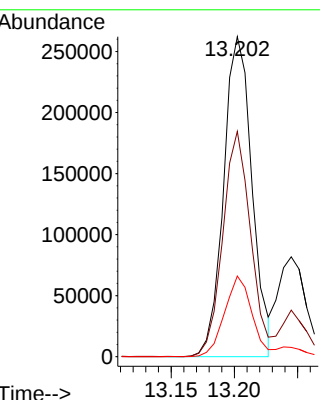
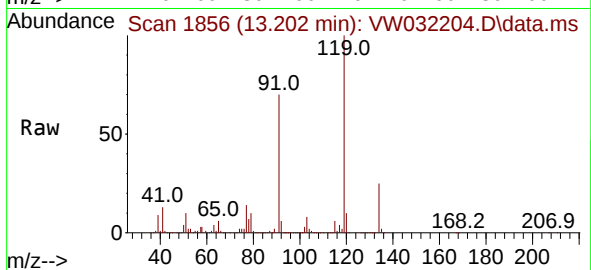
Tgt Ion:119 Resp: 410189

Ion Ratio Lower Upper

119 100

91 68.5 33.8 101.3

134 24.6 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 50.307 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032204.D

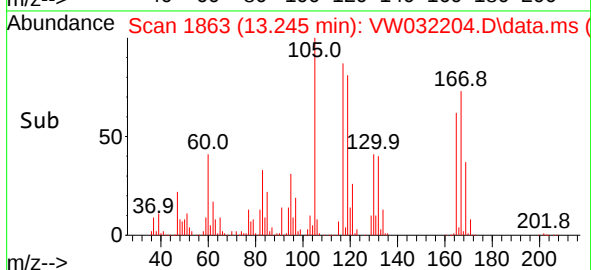
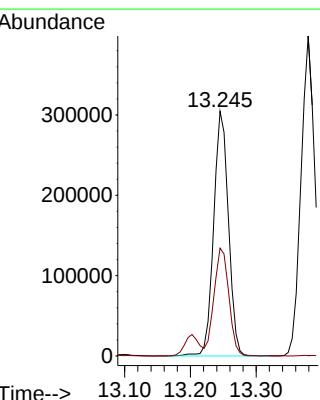
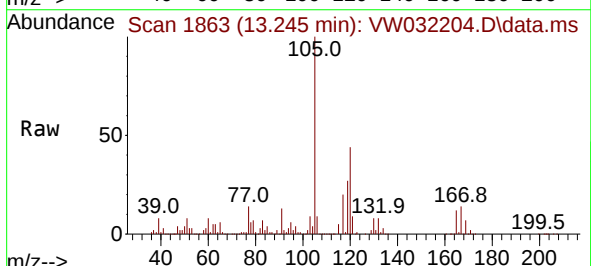
Acq: 19 Sep 2025 09:38

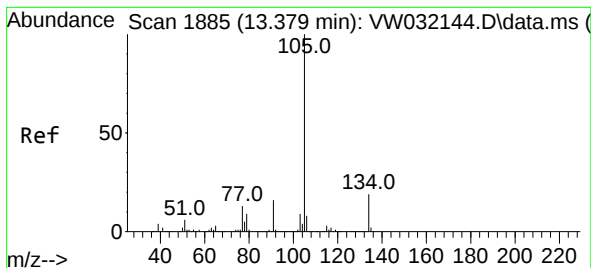
Tgt Ion:105 Resp: 476542

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.352 ug/l

RT: 13.379 min Scan# 1185

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

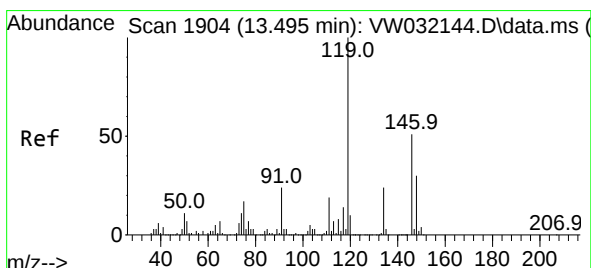
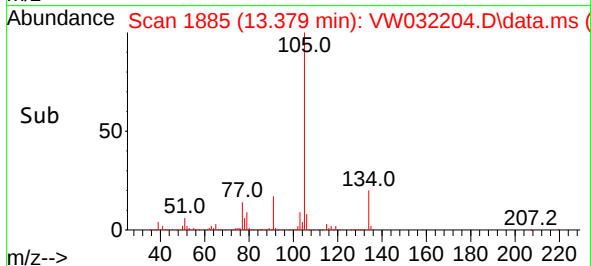
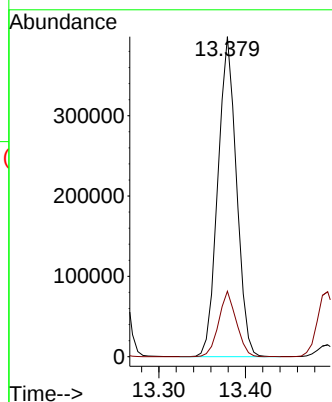
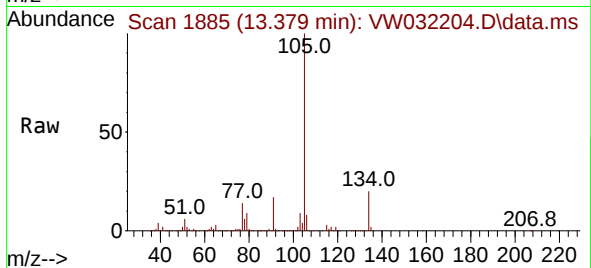
ClientSampleId :

Tgt Ion:105 Resp: 595226

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.290 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

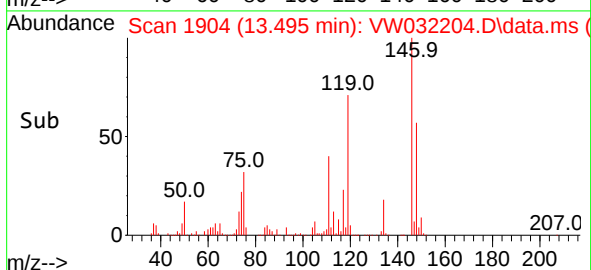
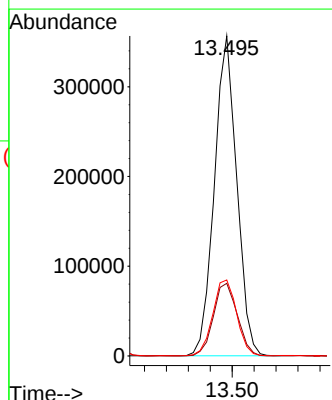
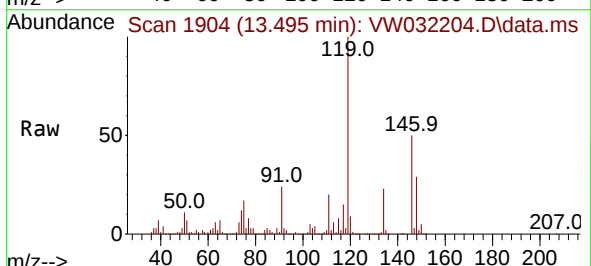
Tgt Ion:119 Resp: 505573

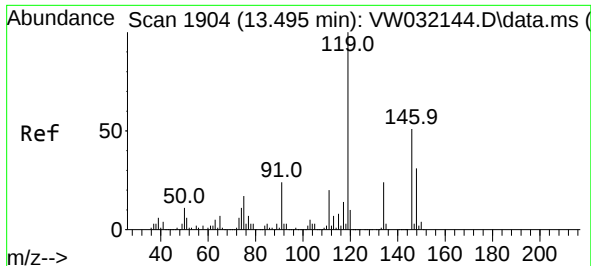
Ion Ratio Lower Upper

119 100

134 24.3 12.6 37.6

91 25.3 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.095 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

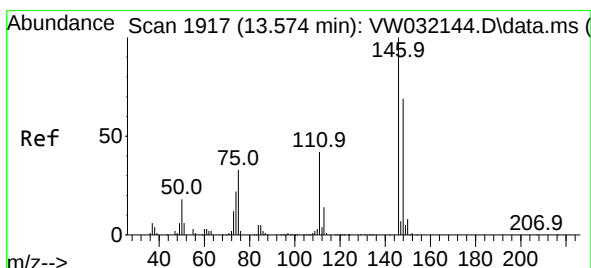
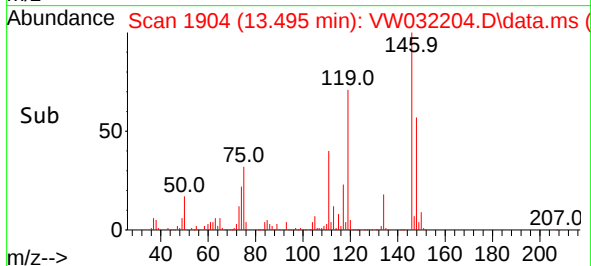
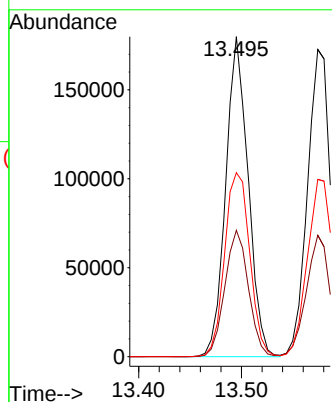
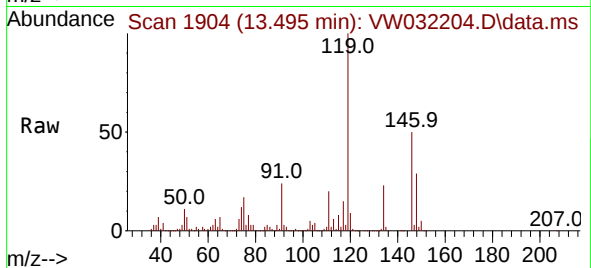
Tgt Ion:146 Resp: 272609

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 64.5 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 49.295 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

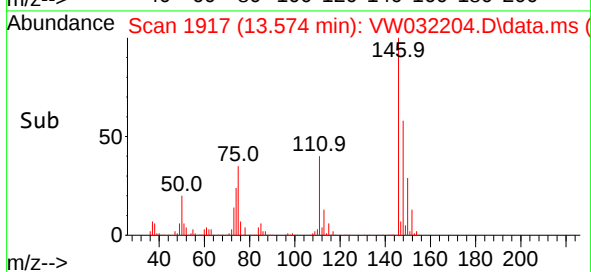
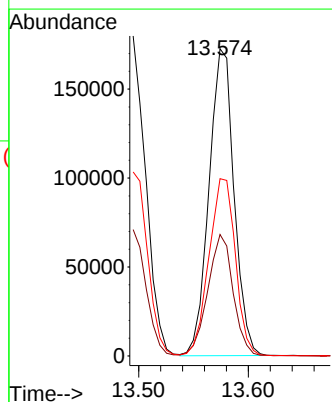
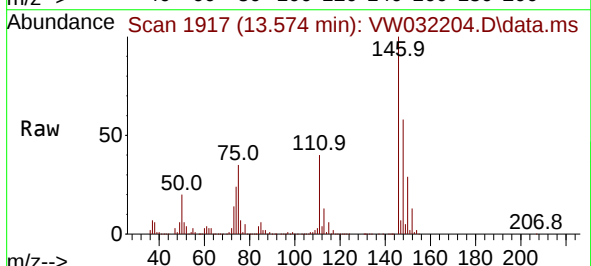
Tgt Ion:146 Resp: 274360

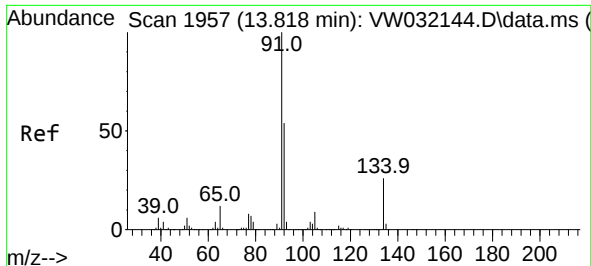
Ion Ratio Lower Upper

146 100

111 39.9 21.3 63.7

148 61.1 33.4 100.1

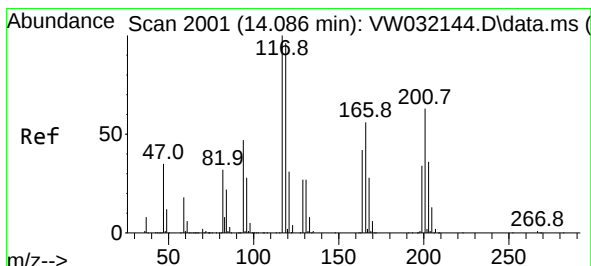
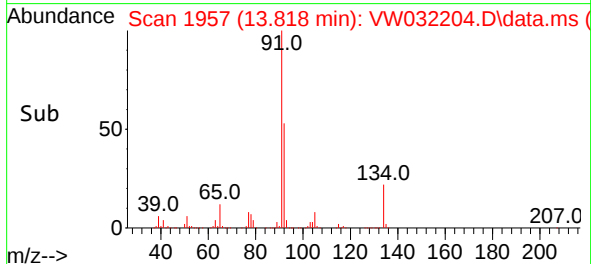
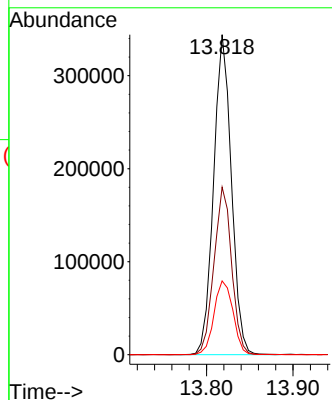
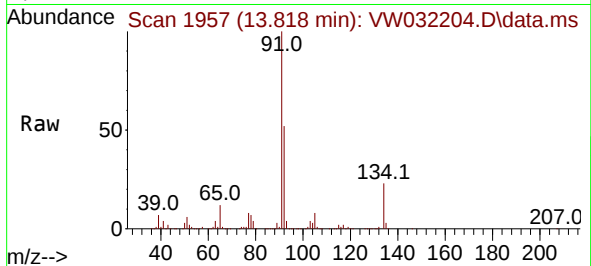




#89
n-Butylbenzene
Concen: 52.169 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

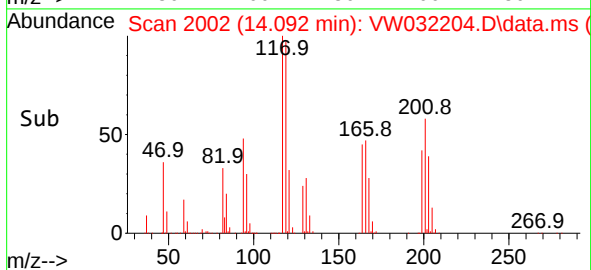
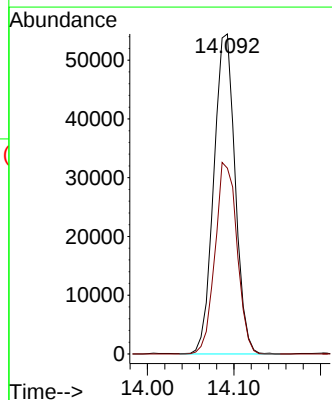
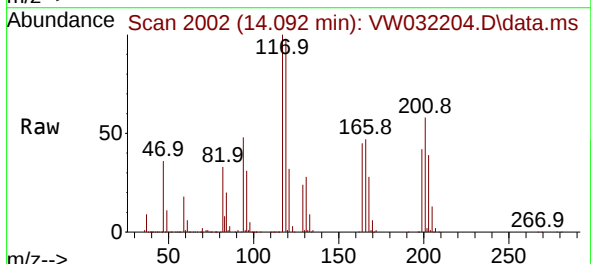
Instrument :
MSVOA_W
ClientSampleId :

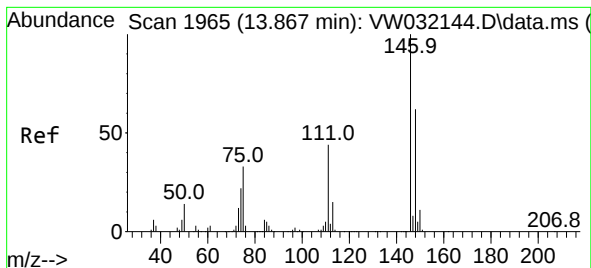
Tgt Ion: 91 Resp: 490270
Ion Ratio Lower Upper
91 100
92 52.2 27.0 81.0
134 24.7 13.1 39.3



#90
Hexachloroethane
Concen: 51.796 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032204.D
Acq: 19 Sep 2025 09:38

Tgt Ion: 117 Resp: 93388
Ion Ratio Lower Upper
117 100
201 61.4 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 51.559 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

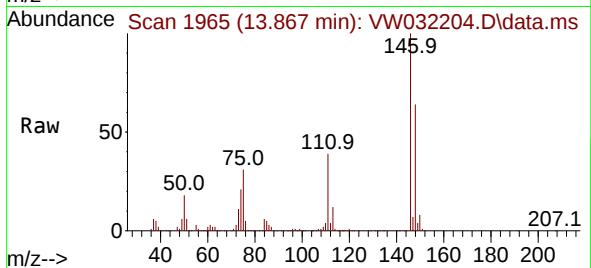
Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :



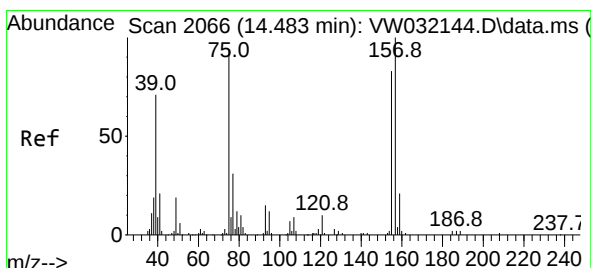
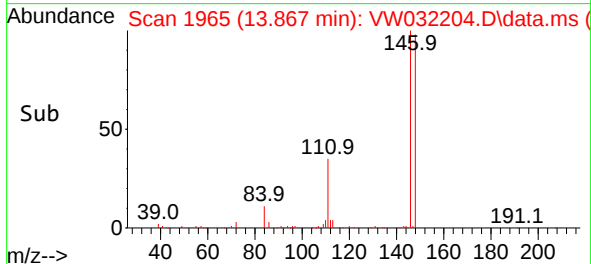
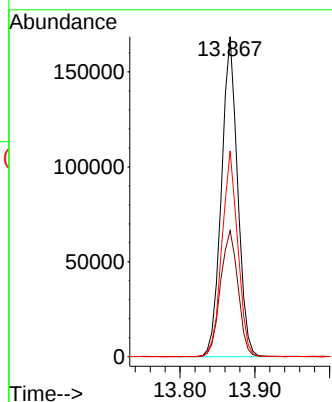
Tgt Ion:146 Resp: 253474

Ion Ratio Lower Upper

146 100

111 42.6 23.4 70.0

148 63.3 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.715 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

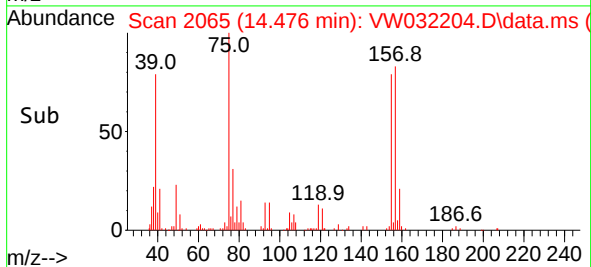
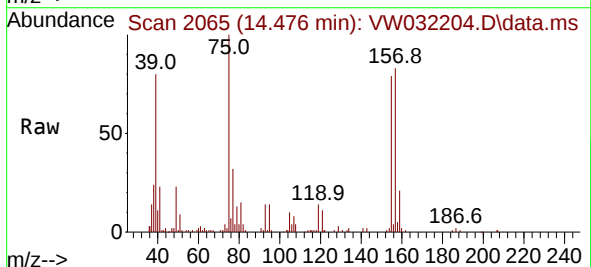
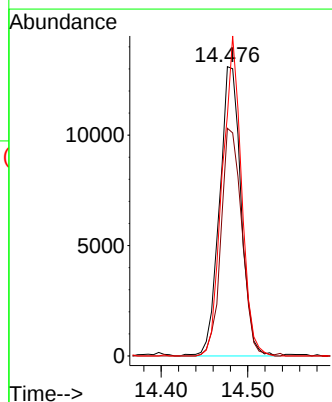
Tgt Ion: 75 Resp: 22572

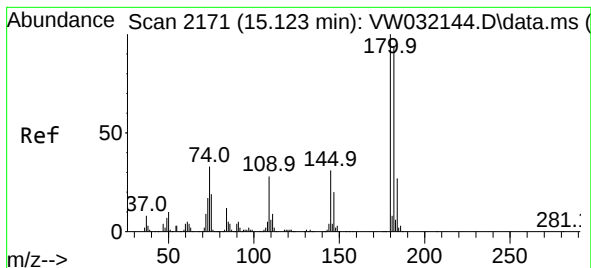
Ion Ratio Lower Upper

75 100

155 76.7 40.8 122.5

157 98.3 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 46.877 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

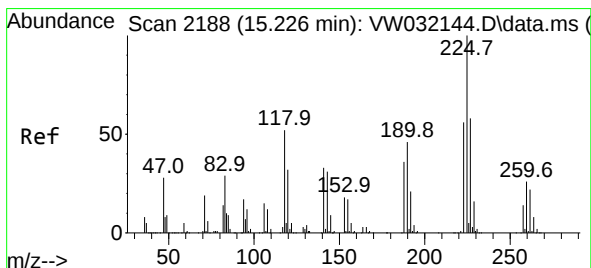
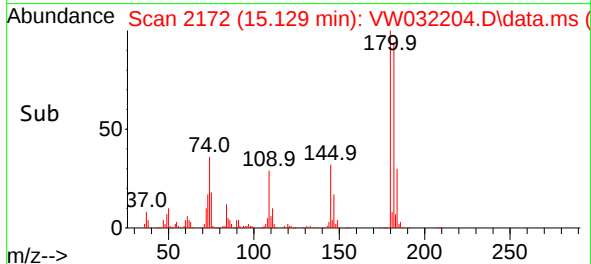
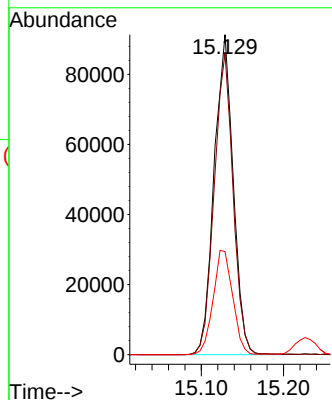
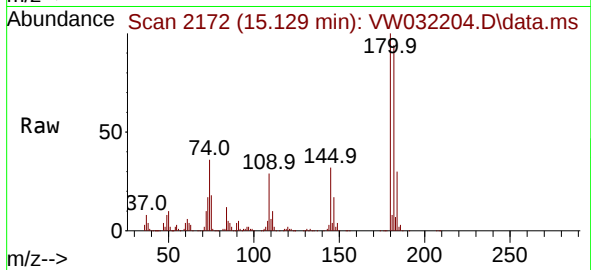
Tgt Ion:180 Resp: 147240

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.2

145 33.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 46.912 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

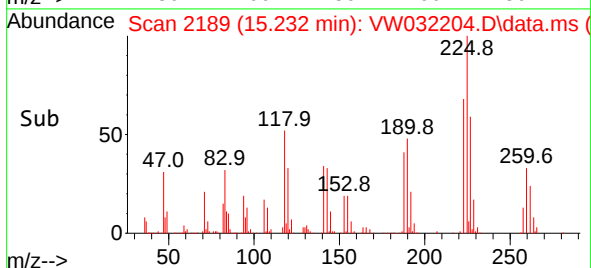
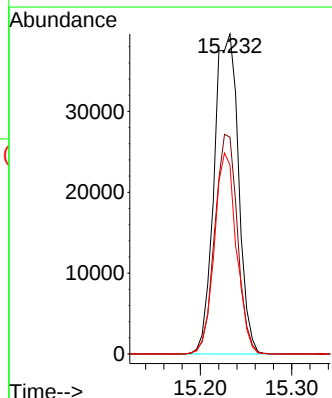
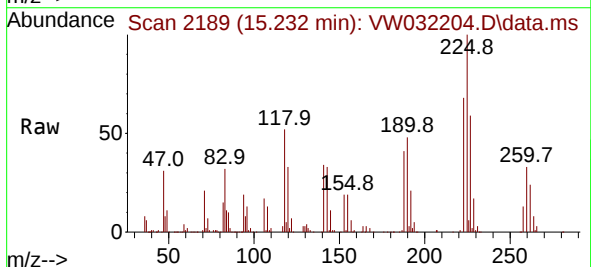
Tgt Ion:225 Resp: 73079

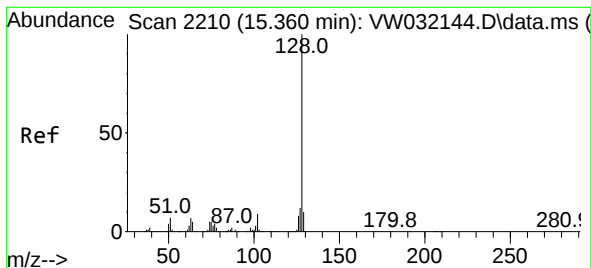
Ion Ratio Lower Upper

225 100

223 64.1 29.8 89.3

227 57.5 30.5 91.5





#95

Naphthalene

Concen: 50.203 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Instrument :

MSVOA_W

ClientSampleId :

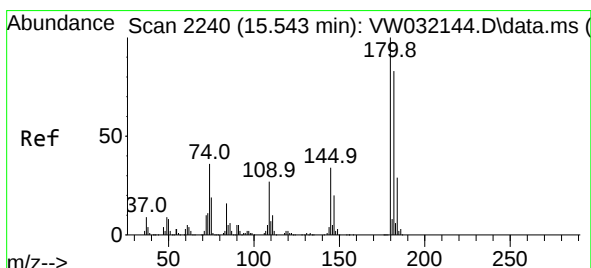
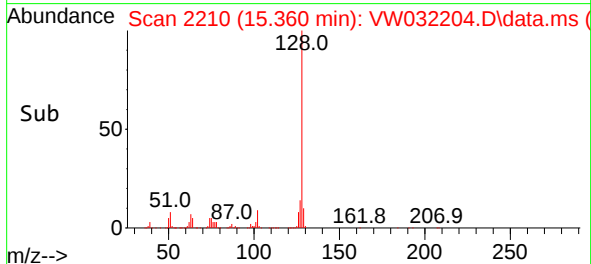
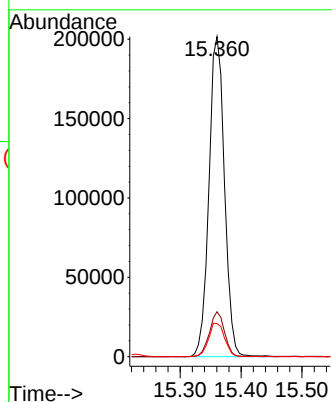
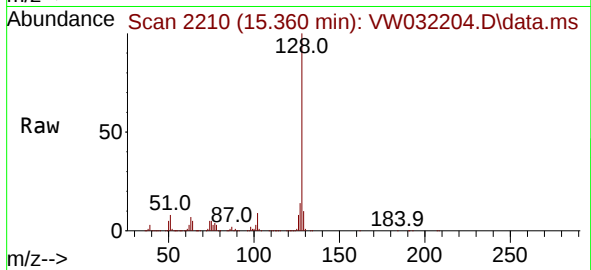
Tgt Ion:128 Resp: 356866

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.389 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032204.D

Acq: 19 Sep 2025 09:38

Tgt Ion:180 Resp: 132585

Ion Ratio Lower Upper

180 100

182 94.2 47.7 143.1

145 36.5 17.2 51.6

