

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032621.D
 Acq On : 11 Dec 2025 10:40
 Operator : SY/MD
 Sample : VW1211SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Quant Time: Dec 12 00:40:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	346169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	649478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	589027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	287796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	206156	38.706	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	77.420%
35) Dibromofluoromethane	7.898	113	167797	37.156	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	74.320%
50) Toluene-d8	10.325	98	630886	37.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	75.700%
62) 4-Bromofluorobenzene	12.617	95	237433	38.799	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	77.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	50014	23.267	ug/l	100
3) Chloromethane	2.253	50	77924	20.549	ug/l	99
4) Vinyl Chloride	2.405	62	99471	21.983	ug/l	99
5) Bromomethane	2.820	94	64356	21.355	ug/l	98
6) Chloroethane	2.966	64	64347	22.039	ug/l	94
7) Trichlorofluoromethane	3.302	101	85826	21.666	ug/l	99
8) Diethyl Ether	3.722	74	58747	22.147	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	87836	22.142	ug/l	96
10) Methyl Iodide	4.314	142	122533	22.182	ug/l	98
11) Tert butyl alcohol	5.222	59	39536	109.976	ug/l	96
12) 1,1-Dichloroethene	4.076	96	89635	21.330	ug/l	96
13) Acrolein	3.930	56	75145	124.177	ug/l	99
14) Allyl chloride	4.710	41	165743	21.216	ug/l	99
15) Acrylonitrile	5.405	53	163972	110.619	ug/l	98
16) Acetone	4.167	43	193849	106.890	ug/l	100
17) Carbon Disulfide	4.417	76	261006	21.371	ug/l	98
18) Methyl Acetate	4.710	43	71275	20.147	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	185356	22.216	ug/l	93
20) Methylene Chloride	4.954	84	115017	20.774	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	98785	21.523	ug/l	97
22) Diisopropyl ether	6.344	45	351287	22.208	ug/l	98
23) Vinyl Acetate	6.283	43	1184756	110.770	ug/l	98
24) 1,1-Dichloroethane	6.246	63	191624	21.183	ug/l	99
25) 2-Butanone	7.197	43	236675	111.067	ug/l	100
26) 2,2-Dichloropropane	7.191	77	105836	20.836	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	116363	21.714	ug/l	98
28) Bromochloromethane	7.533	49	87333	24.301	ug/l	98
29) Tetrahydrofuran	7.551	42	143408	112.098	ug/l	99
30) Chloroform	7.697	83	194157	21.759	ug/l	100
31) Cyclohexane	7.965	56	177611	21.301	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	144277	21.988	ug/l	99
36) 1,1-Dichloropropene	8.093	75	137021	20.492	ug/l	98
37) Ethyl Acetate	7.270	43	101683	22.200	ug/l	99
38) Carbon Tetrachloride	8.081	117	124648	20.154	ug/l	96
39) Methylcyclohexane	9.343	83	169834	20.196	ug/l	98
40) Benzene	8.337	78	418966	20.654	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	51321	20.964	ug/l	99
42) 1,2-Dichloroethane	8.410	62	136171	21.083	ug/l	100
43) Isopropyl Acetate	8.435	43	169010	20.807	ug/l	99
44) Trichloroethene	9.099	130	95463	20.610	ug/l	95
45) 1,2-Dichloropropane	9.374	63	106697	20.787	ug/l	96
46) Dibromomethane	9.465	93	64004	21.283	ug/l	98
47) Bromodichloromethane	9.648	83	141608	20.243	ug/l	93
48) Methyl methacrylate	9.441	41	84112	21.939	ug/l	94
49) 1,4-Dioxane	9.465	88	16614	411.809	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	494313	109.151	ug/l	99
52) Toluene	10.392	92	260356	20.861	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	139514	20.227	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	162967	20.489	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	84914	21.044	ug/l	98
56) Ethyl methacrylate	10.648	69	120071	20.612	ug/l	99
57) 1,3-Dichloropropane	10.934	76	153553	21.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	262331	168.850	ug/l	99
59) 2-Hexanone	10.971	43	361390	110.181	ug/l	99
60) Dibromochloromethane	11.130	129	94937	21.124	ug/l	96
61) 1,2-Dibromoethane	11.233	107	81897	20.990	ug/l	97
64) Tetrachloroethene	10.861	164	76694	20.307	ug/l	92
65) Chlorobenzene	11.660	112	288171	21.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	85464	20.347	ug/l	92
67) Ethyl Benzene	11.727	91	492147	21.172	ug/l	94
68) m/p-Xylenes	11.837	106	376070	42.157	ug/l	98
69) o-Xylene	12.160	106	168408	20.469	ug/l	98
70) Styrene	12.178	104	304315	21.216	ug/l	99
71) Bromoform	12.349	173	52768	21.636	ug/l #	96
73) Isopropylbenzene	12.459	105	430067	19.647	ug/l	100
74) N-amyl acetate	12.270	43	153242	20.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	109851	20.845	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	137842	35.693	ug/l	30
77) Bromobenzene	12.745	156	98325	19.575	ug/l	99
78) n-propylbenzene	12.800	91	562501	20.117	ug/l	99
79) 2-Chlorotoluene	12.885	91	338998	20.654	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	371226	20.191	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	34356	25.181	ug/l	100
82) 4-Chlorotoluene	12.983	91	358769	20.582	ug/l	100
83) tert-Butylbenzene	13.202	119	305061	19.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	378941	20.436	ug/l	99
85) sec-Butylbenzene	13.379	105	483945	20.180	ug/l	99
86) p-Isopropyltoluene	13.495	119	390750	20.033	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	211613	20.582	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	210979	20.607	ug/l	97
89) n-Butylbenzene	13.818	91	388454	19.822	ug/l	99
90) Hexachloroethane	14.086	117	73206	20.095	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	185627	20.002	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	18747	20.029	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	108622	19.707	ug/l	99
94) Hexachlorobutadiene	15.226	225	50984	19.568	ug/l	97
95) Naphthalene	15.360	128	264415	26.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	103881	19.938	ug/l	98

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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

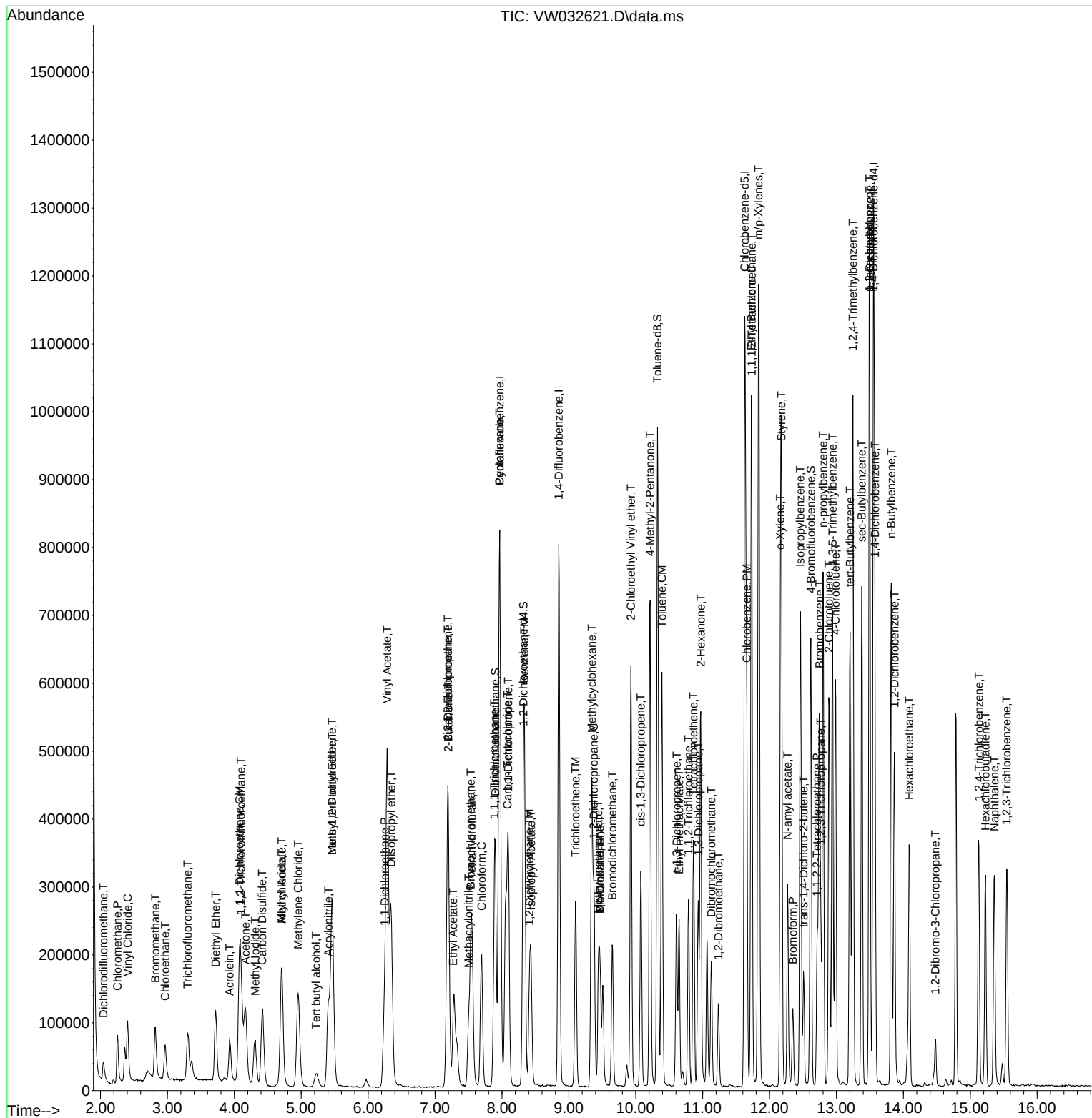
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

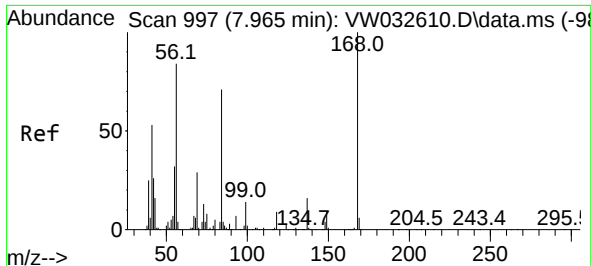
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
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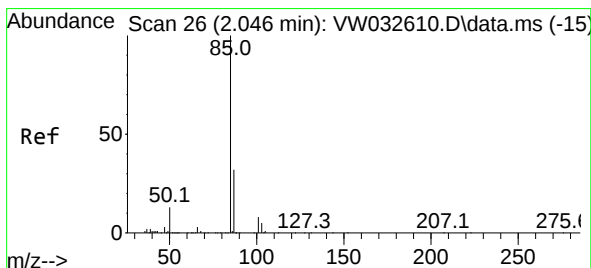
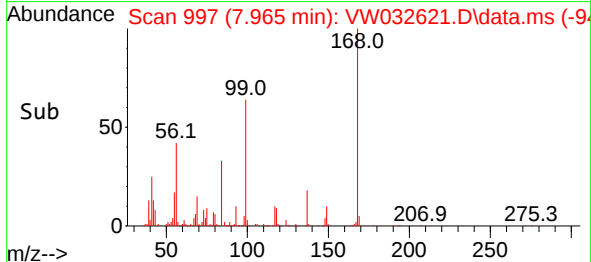
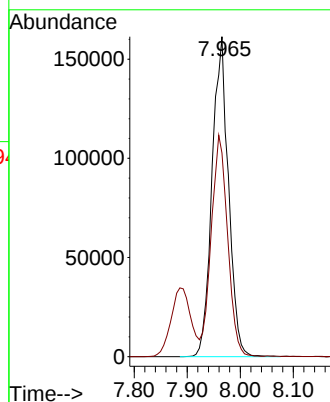
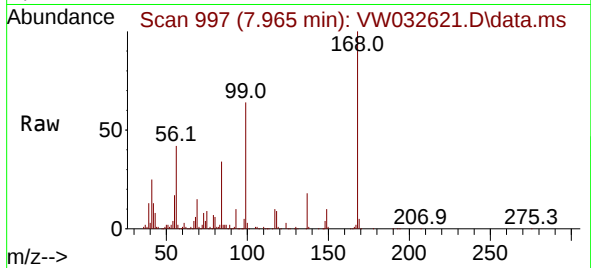




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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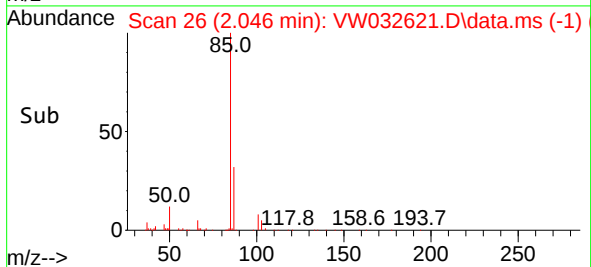
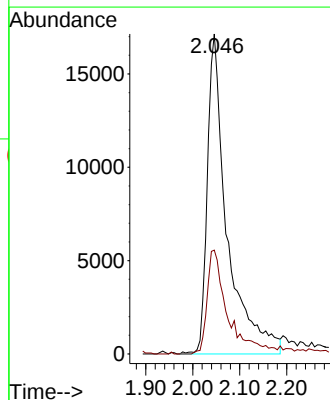
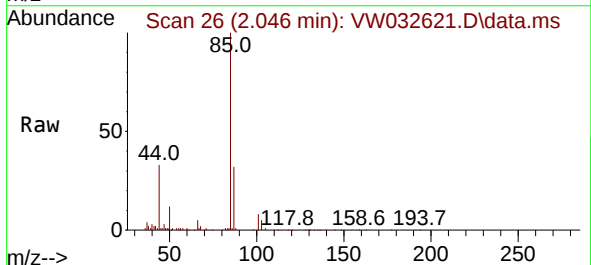
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

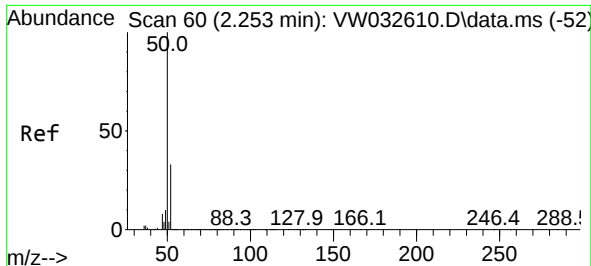
Tgt Ion:168 Resp: 346169
Ion Ratio Lower Upper
168 100
99 63.5 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 23.267 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 85 Resp: 50014
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.3

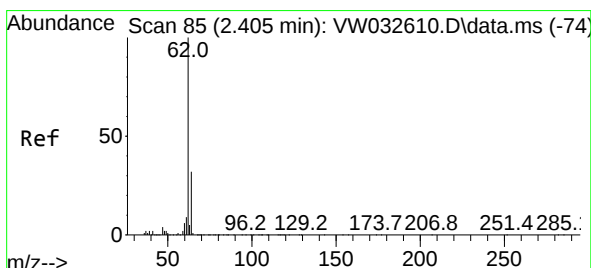
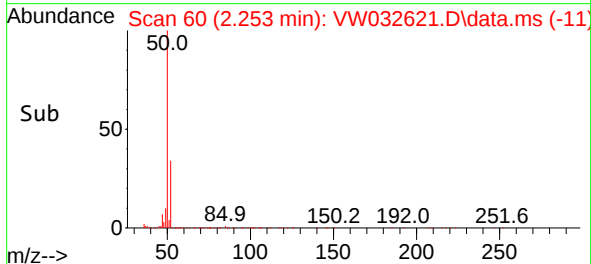
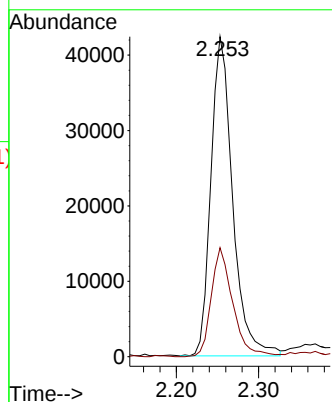
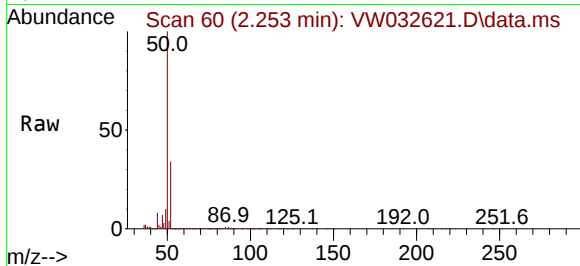




#3
Chloromethane
Concen: 20.549 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

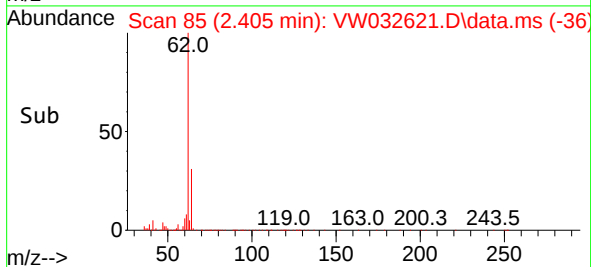
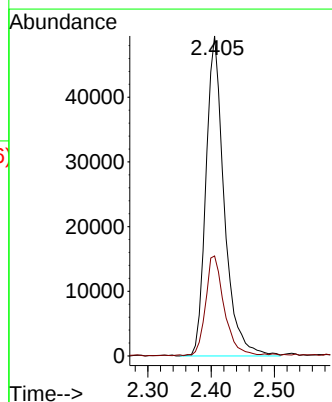
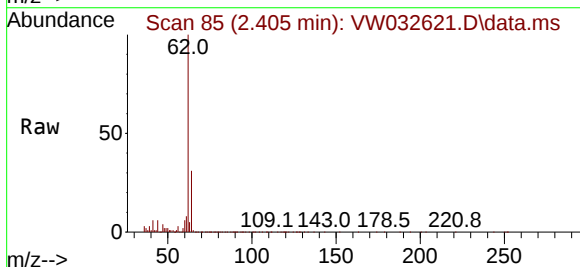
Instrument :
MSVOA_W
ClientSampleId :
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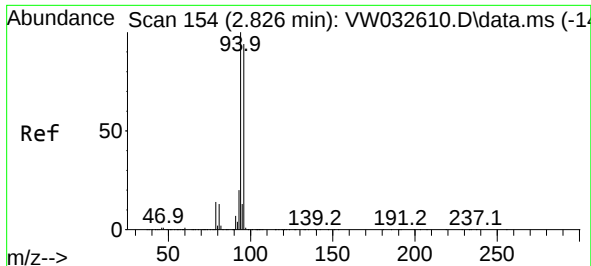
Tgt Ion: 50 Resp: 77924
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 21.983 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 62 Resp: 99471
Ion Ratio Lower Upper
62 100
64 31.0 25.3 37.9

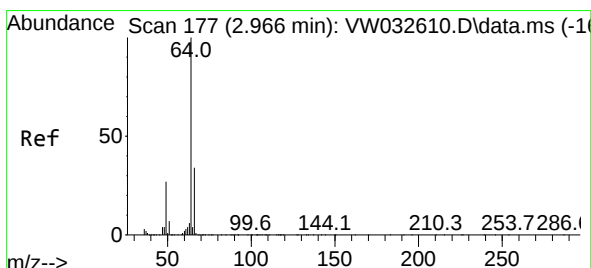
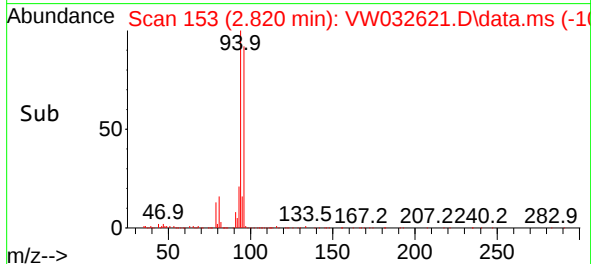
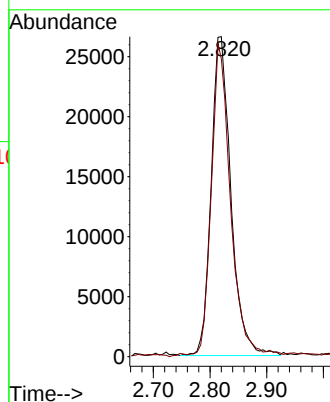
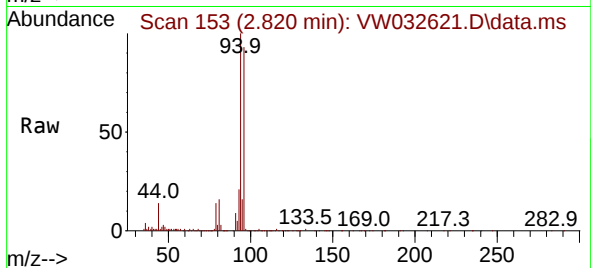




#5
Bromomethane
Concen: 21.355 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

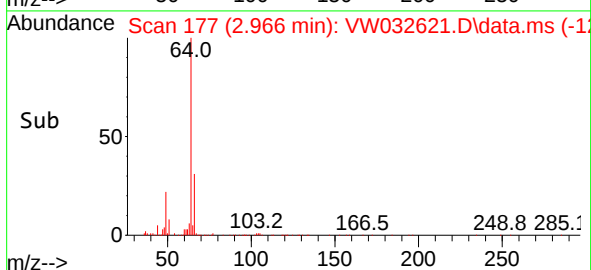
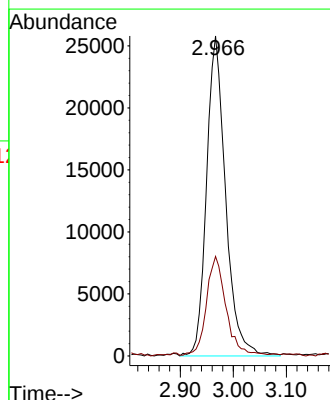
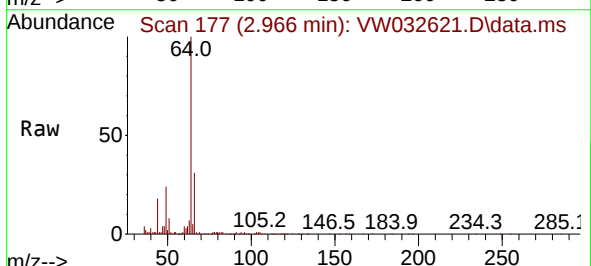
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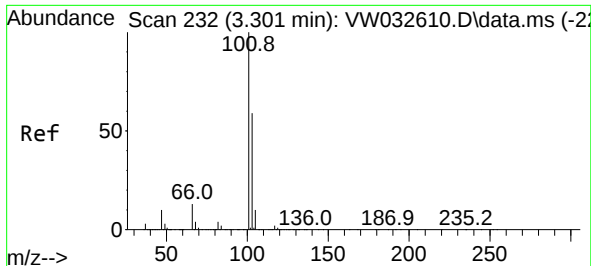
Tgt Ion: 94 Resp: 64356
Ion Ratio Lower Upper
94 100
96 92.5 75.4 113.2



#6
Chloroethane
Concen: 22.039 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 64 Resp: 64347
Ion Ratio Lower Upper
64 100
66 30.8 27.3 40.9

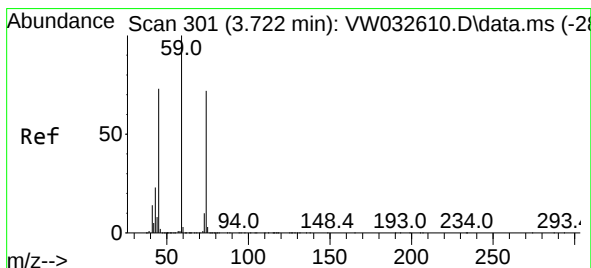
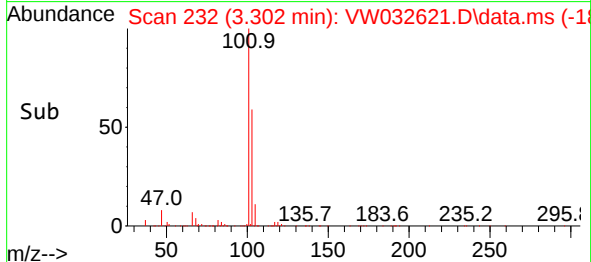
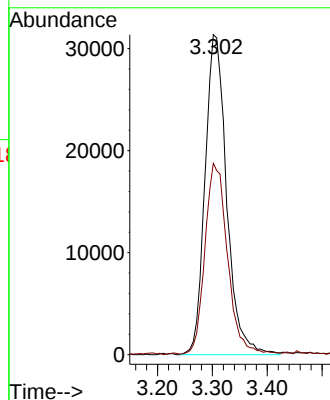
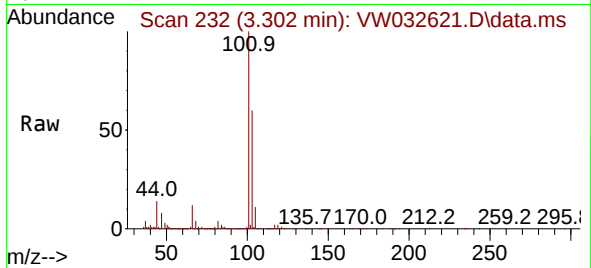




#7
 Trichlorofluoromethane
 Concen: 21.666 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

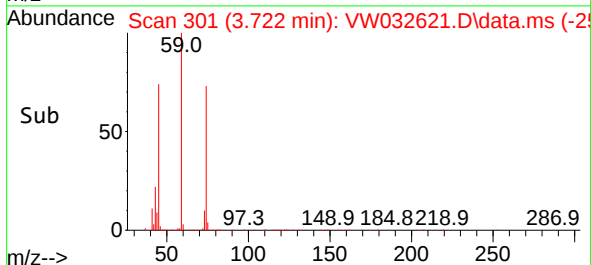
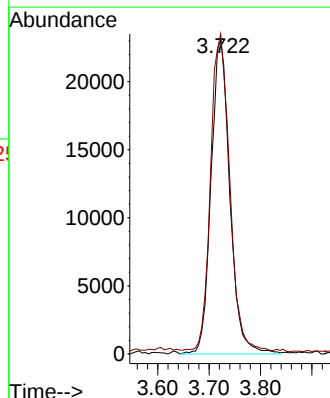
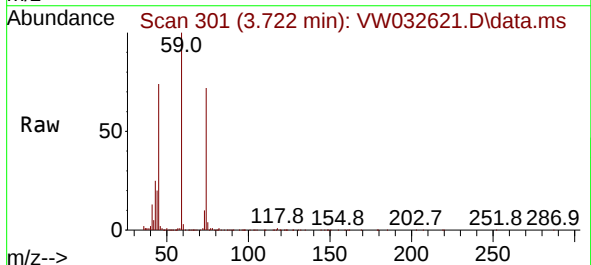
Instrument :
 MSVOA_W
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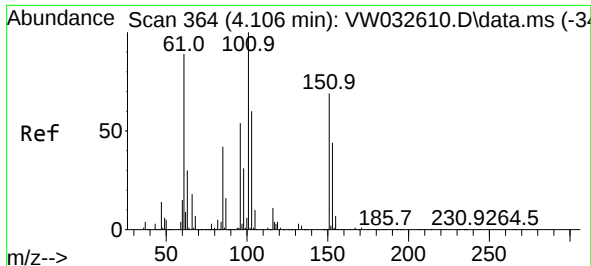
Tgt Ion:101 Resp: 85826
 Ion Ratio Lower Upper
 101 100
 103 59.6 47.3 70.9



#8
 Diethyl Ether
 Concen: 22.147 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

Tgt Ion: 74 Resp: 58747
 Ion Ratio Lower Upper
 74 100
 45 101.7 52.4 157.2

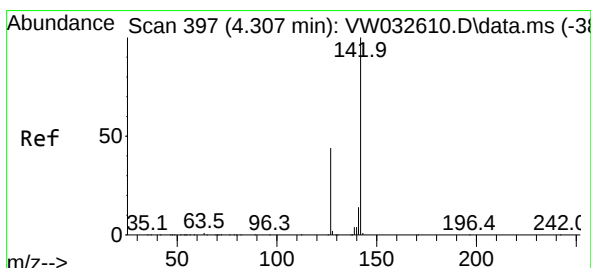
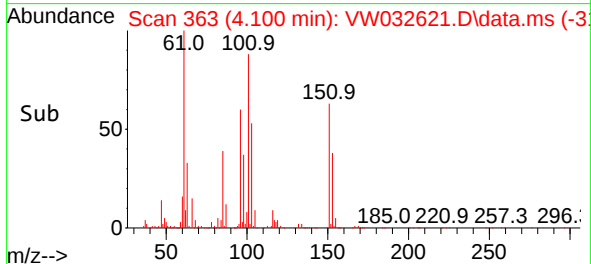
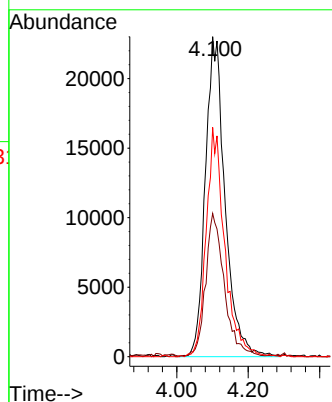
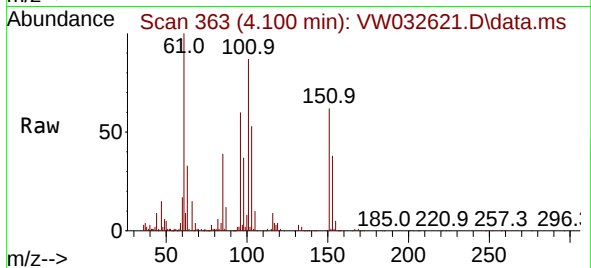




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.142 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

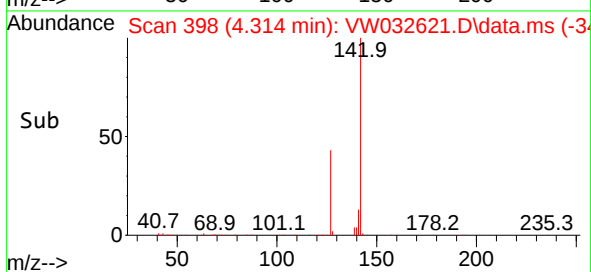
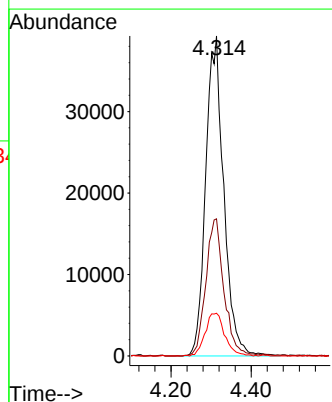
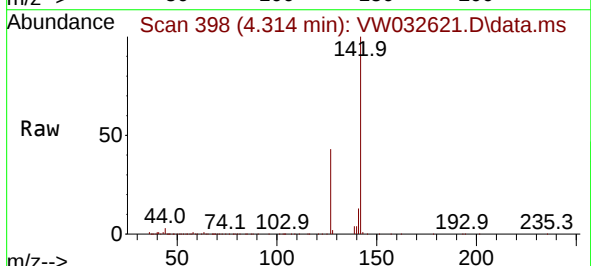
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MSVOA_W
ClientSampleId :
VW1211SBSD01

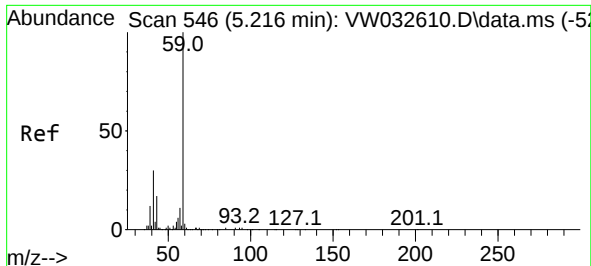
Tgt Ion:101 Resp: 87836
Ion Ratio Lower Upper
101 100
85 42.4 35.4 53.2
151 67.2 56.7 85.1



#10
Methyl Iodide
Concen: 22.182 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion:142 Resp: 122533
Ion Ratio Lower Upper
142 100
127 43.2 36.0 54.0
141 14.6 11.6 17.4

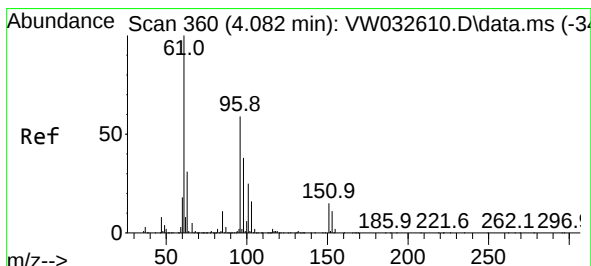
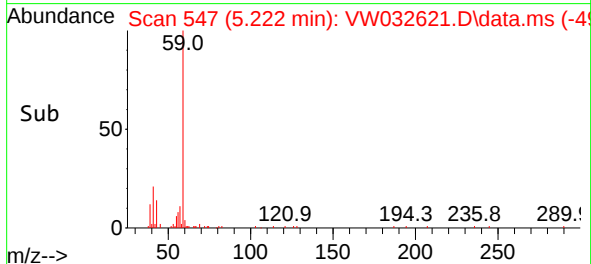
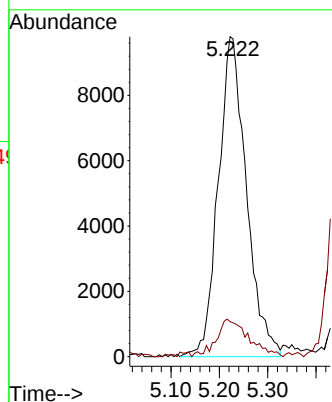
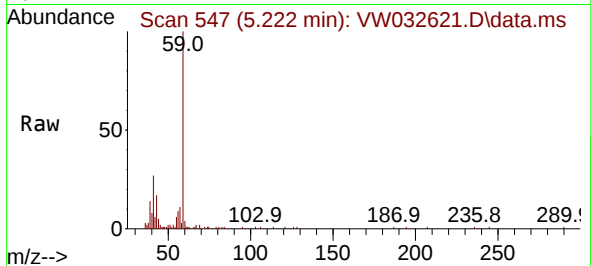




#11
Tert butyl alcohol
Concen: 109.976 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

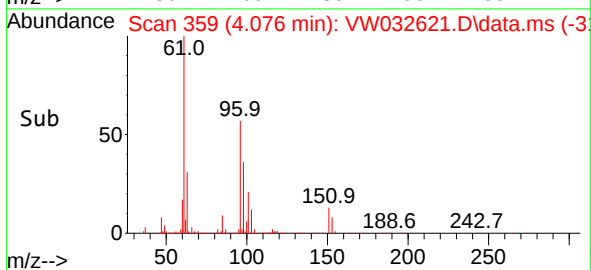
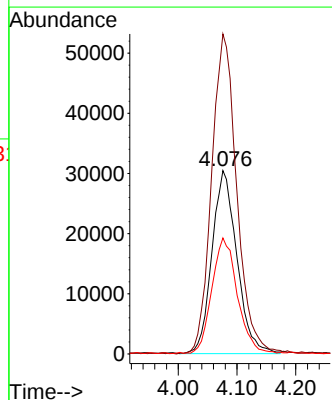
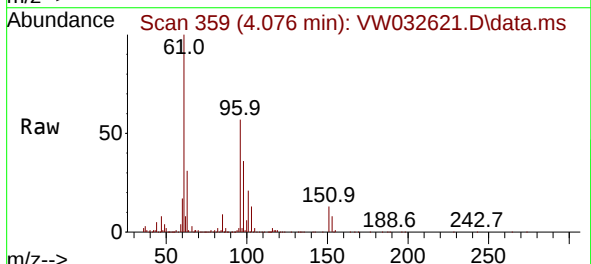
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

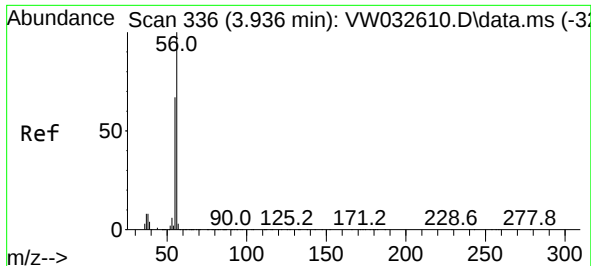
Tgt Ion: 59 Resp: 39536
Ion Ratio Lower Upper
59 100
57 13.4 9.4 14.0



#12
1,1-Dichloroethene
Concen: 21.330 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 96 Resp: 89635
Ion Ratio Lower Upper
96 100
61 174.5 134.6 202.0
98 62.6 51.1 76.7

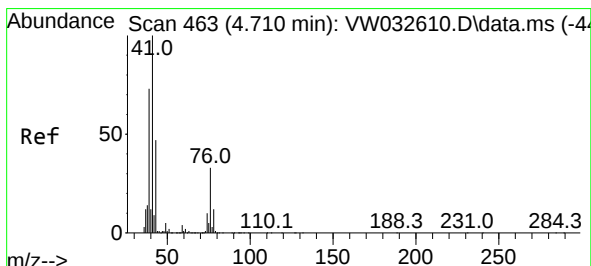
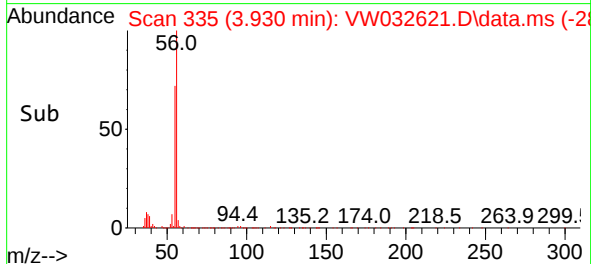
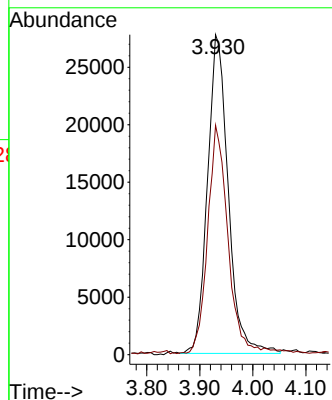
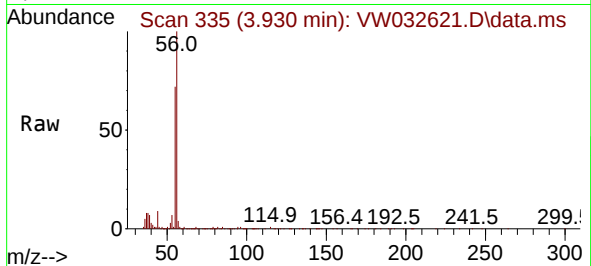




#13
Acrolein
Concen: 124.177 ug/l
RT: 3.930 min Scan# 311
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

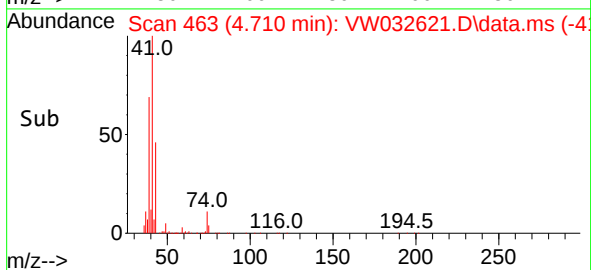
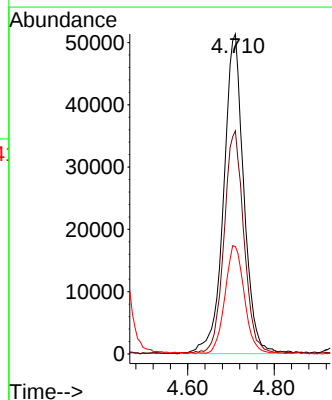
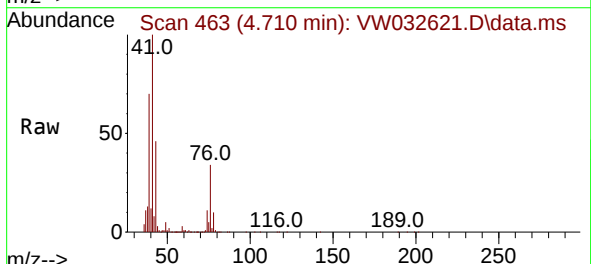
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

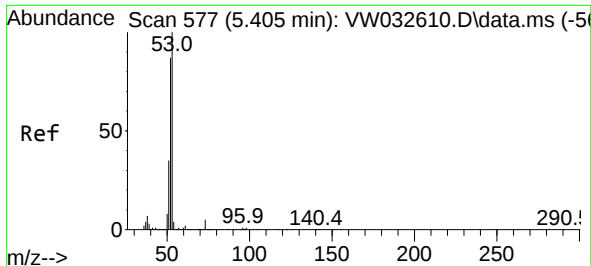
Tgt Ion: 56 Resp: 75145
Ion Ratio Lower Upper
56 100
55 70.5 56.0 84.0



#14
Allyl chloride
Concen: 21.216 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 41 Resp: 165743
Ion Ratio Lower Upper
41 100
39 68.8 54.2 81.2
76 32.5 26.3 39.5

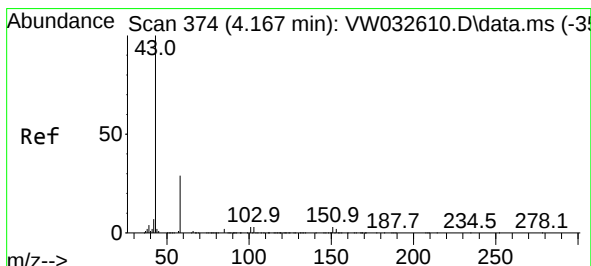
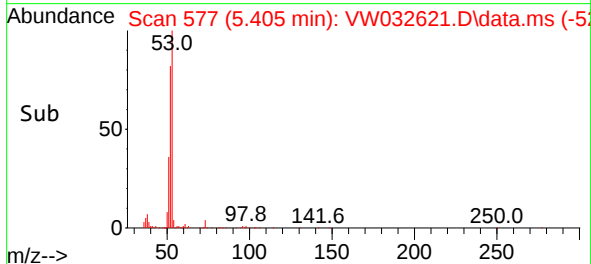
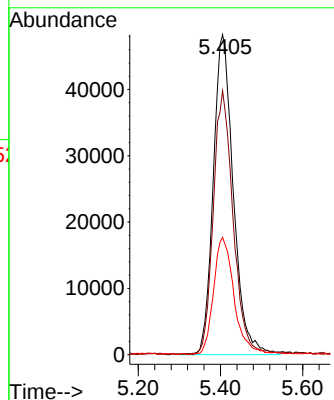
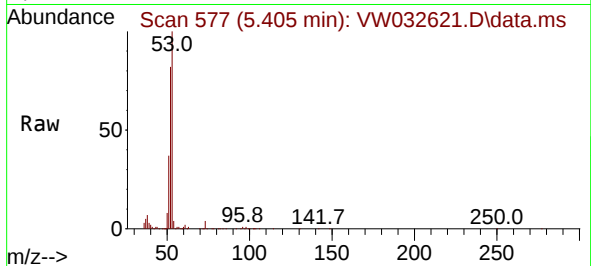




#15
Acrylonitrile
Concen: 110.619 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

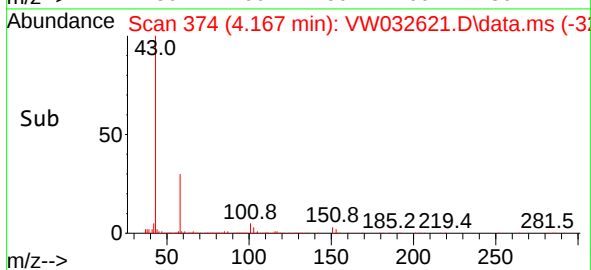
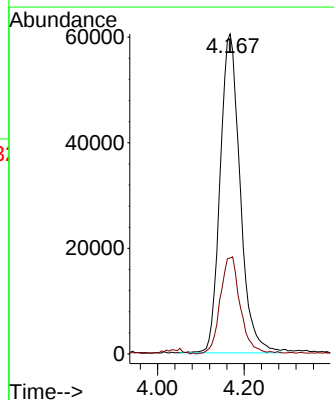
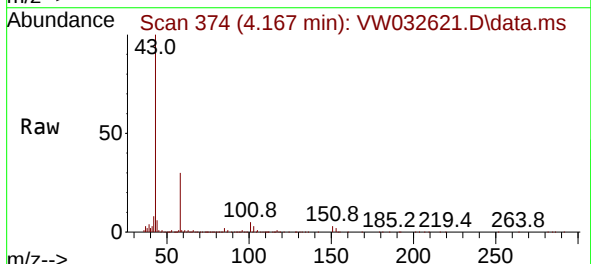
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

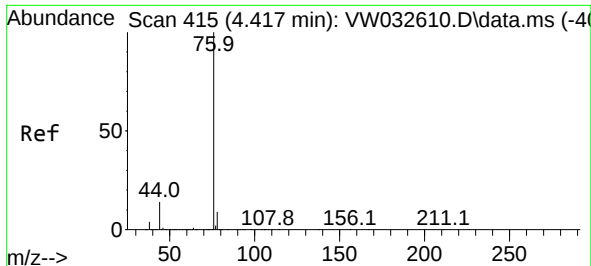
Tgt Ion: 53 Resp: 163972
Ion Ratio Lower Upper
53 100
52 81.5 66.7 100.1
51 37.5 29.8 44.6



#16
Acetone
Concen: 106.890 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 43 Resp: 193849
Ion Ratio Lower Upper
43 100
58 29.7 23.9 35.9

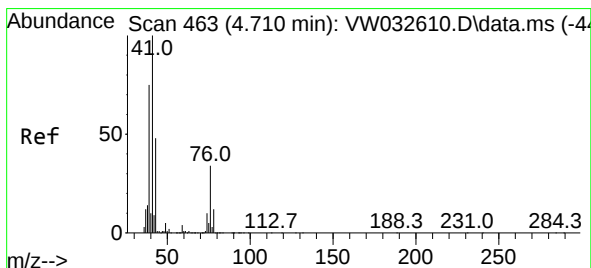
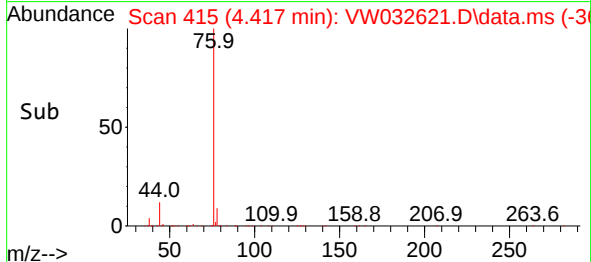
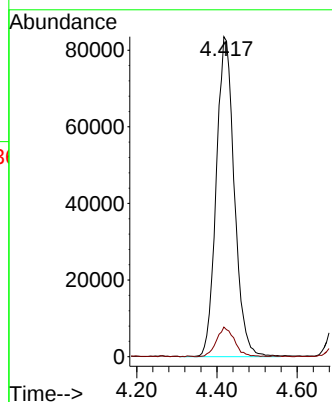
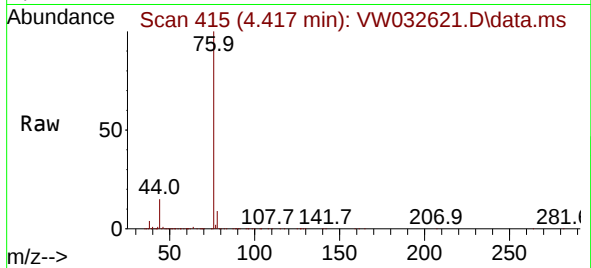




#17
Carbon Disulfide
Concen: 21.371 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

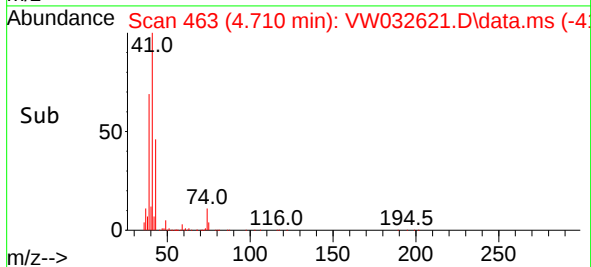
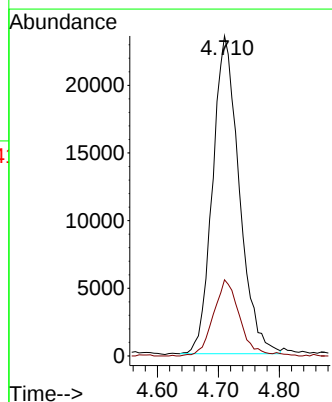
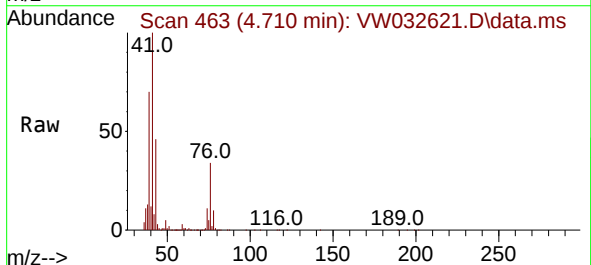
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

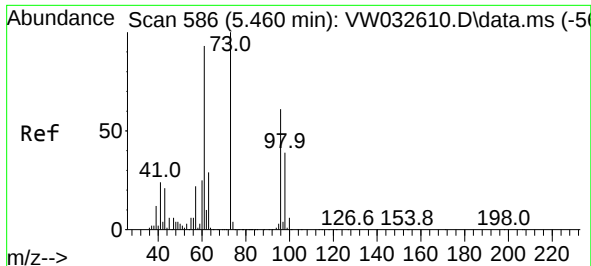
Tgt Ion: 76 Resp: 261006
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 20.147 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 43 Resp: 71275
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4

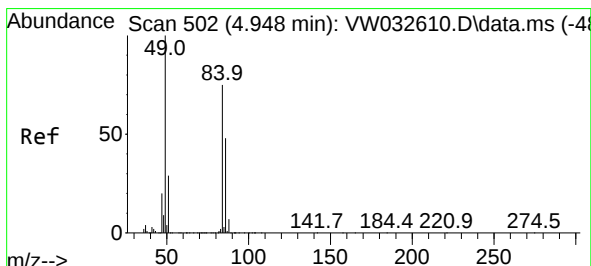
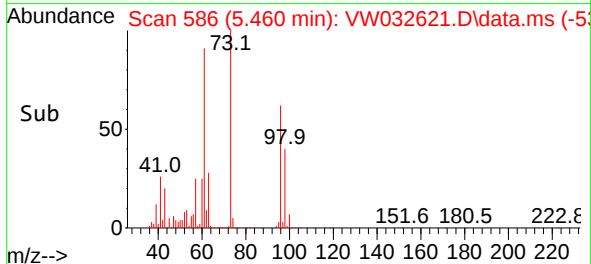
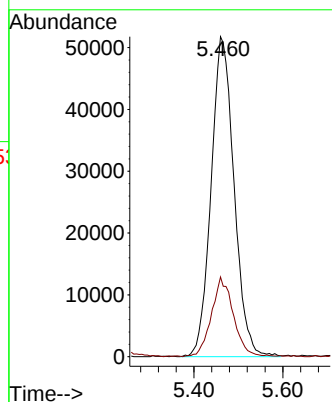
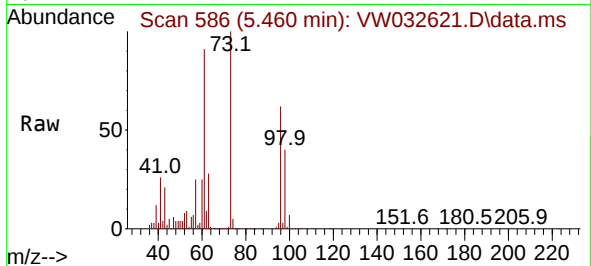




#19
Methyl tert-butyl Ether
Concen: 22.216 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

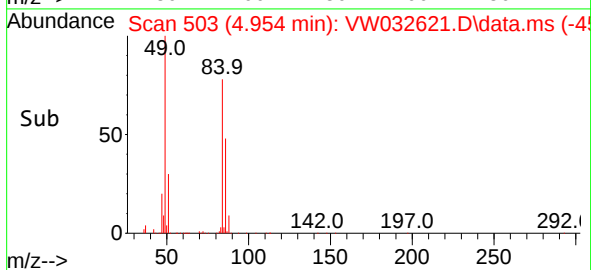
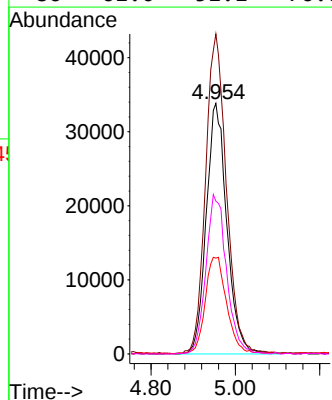
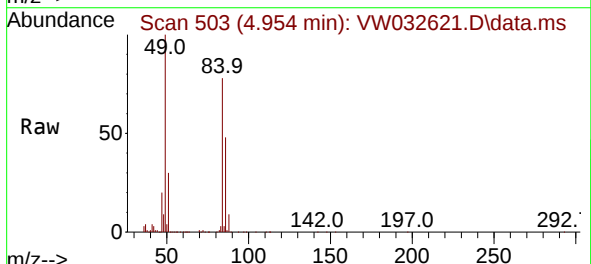
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

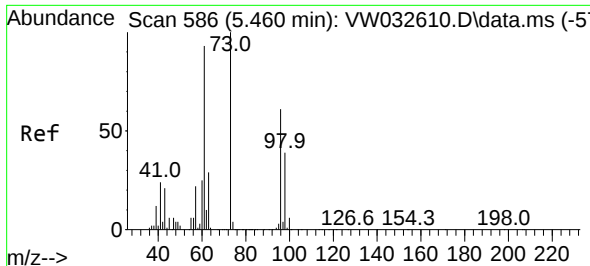
Tgt Ion: 73 Resp: 185356
Ion Ratio Lower Upper
73 100
57 24.8 17.3 25.9



#20
Methylene Chloride
Concen: 20.774 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 84 Resp: 115017
Ion Ratio Lower Upper
84 100
49 127.4 106.9 160.3
51 38.0 31.4 47.2
86 61.0 51.1 76.7

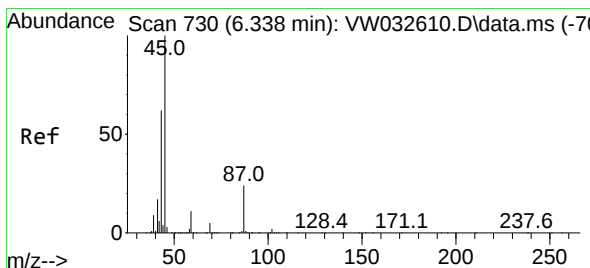
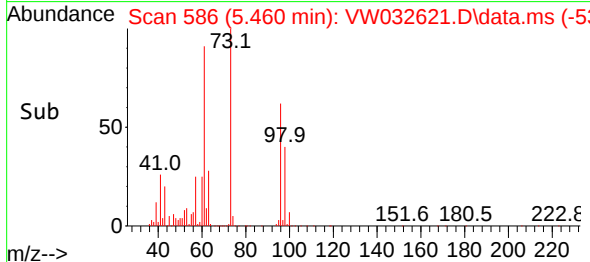
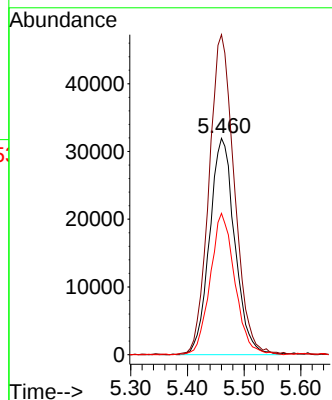
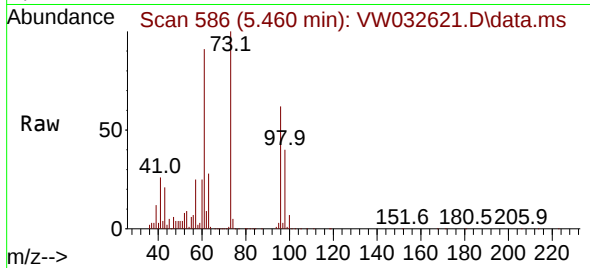




#21
trans-1,2-Dichloroethene
Concen: 21.523 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

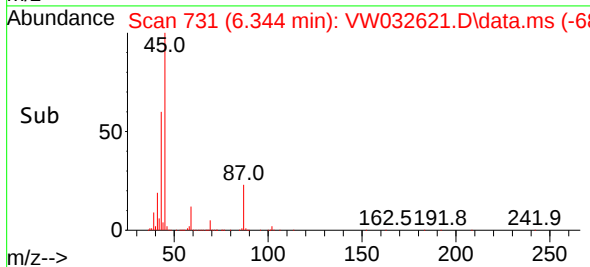
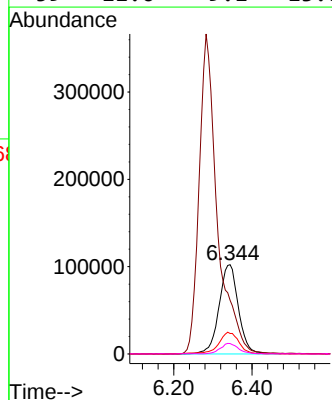
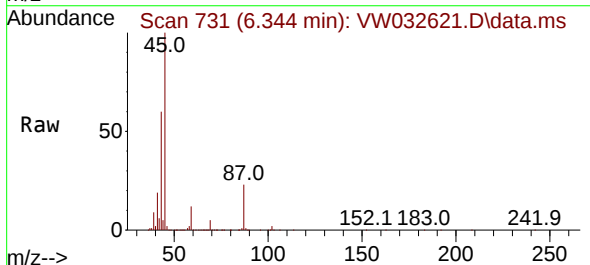
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

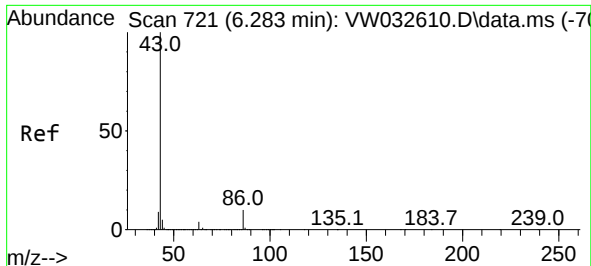
Tgt Ion: 96 Resp: 98785
Ion Ratio Lower Upper
96 100
61 147.4 121.7 182.5
98 65.1 50.6 76.0



#22
Diisopropyl ether
Concen: 22.208 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 45 Resp: 351287
Ion Ratio Lower Upper
45 100
43 59.8 49.1 73.7
87 23.0 19.7 29.5
59 11.6 9.1 13.7

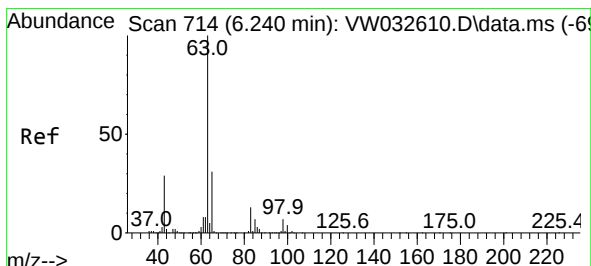
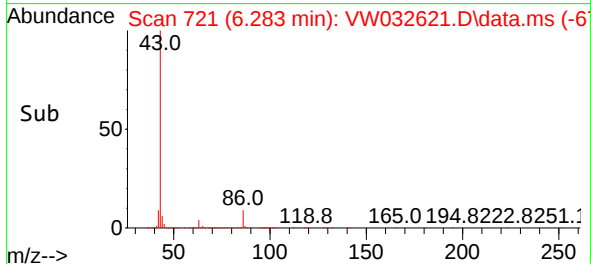
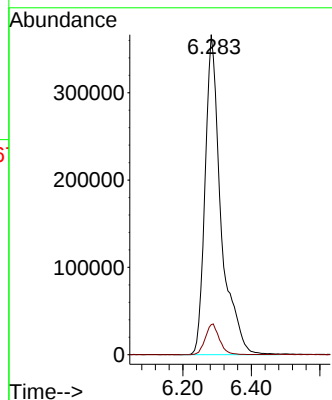
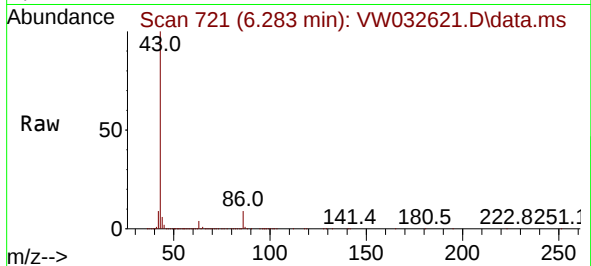




#23
 Vinyl Acetate
 Concen: 110.770 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

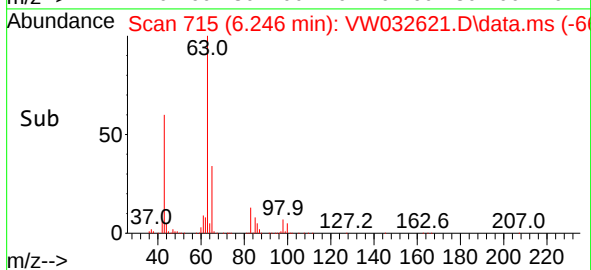
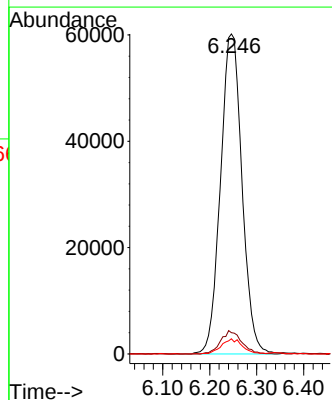
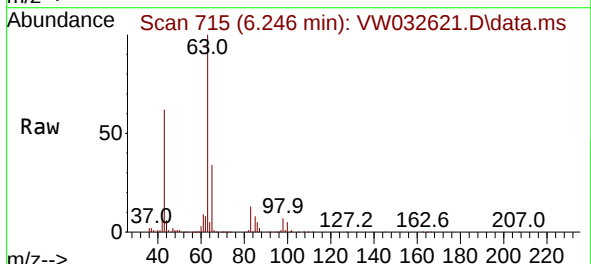
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

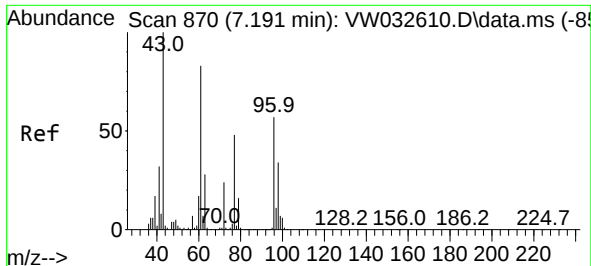
Tgt Ion: 43 Resp: 1184756
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 21.183 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

Tgt Ion: 63 Resp: 191624
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.8 2.1 6.5

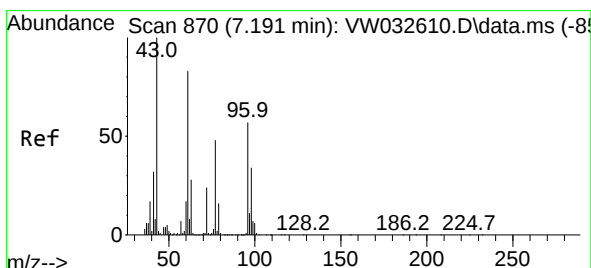
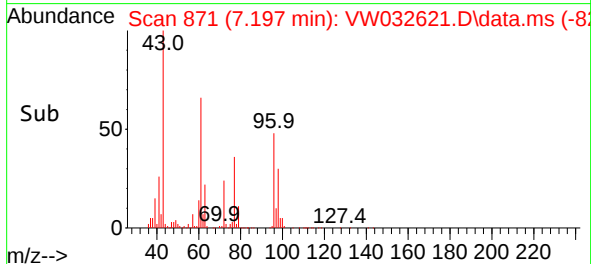
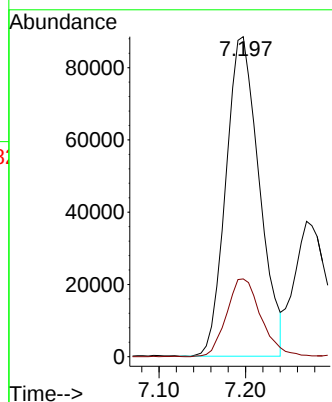
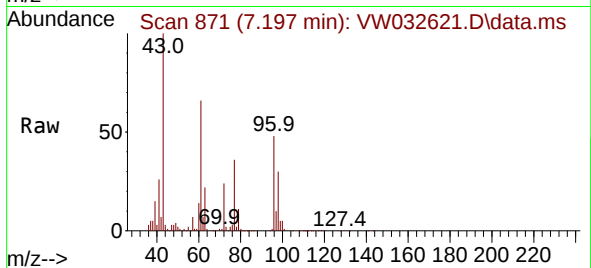




#25
2-Butanone
Concen: 111.067 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

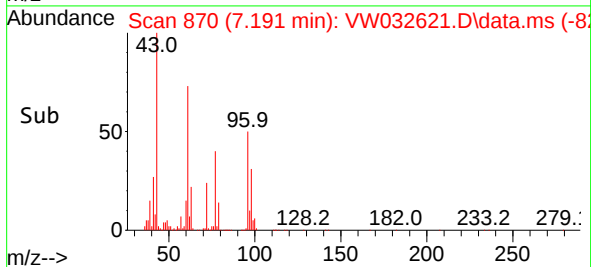
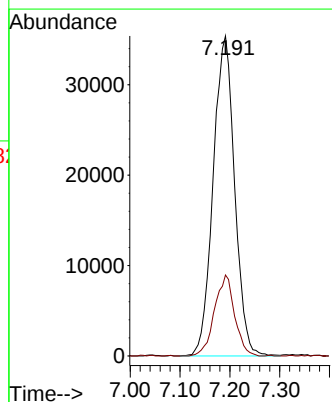
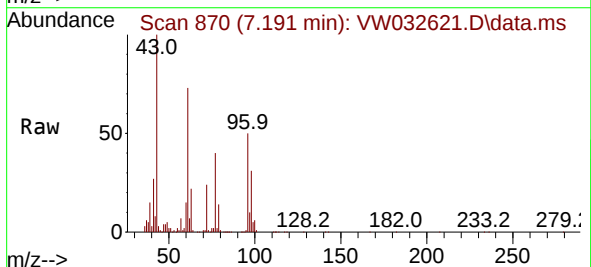
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

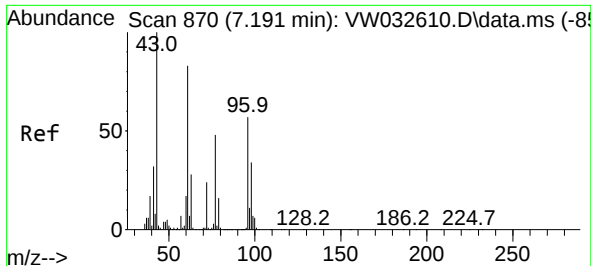
Tgt Ion: 43 Resp: 236675
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.0



#26
2,2-Dichloropropane
Concen: 20.836 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 77 Resp: 105836
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.9



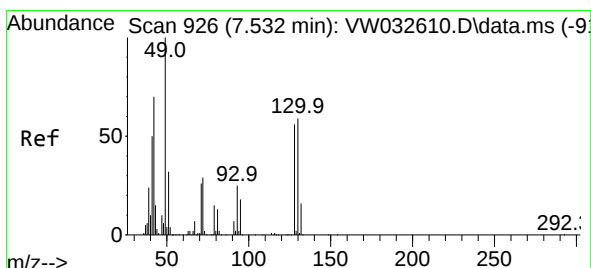
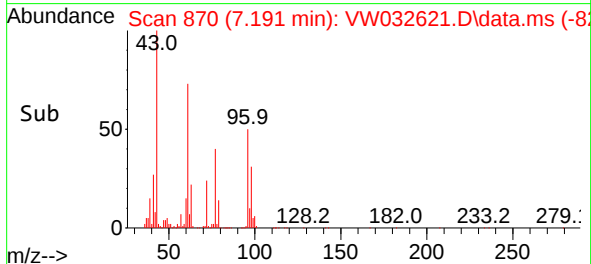
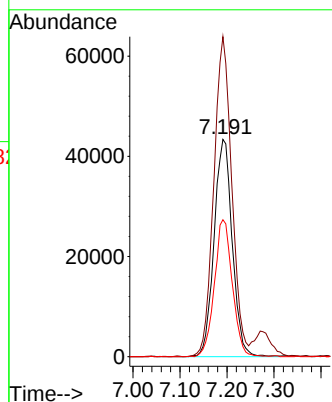
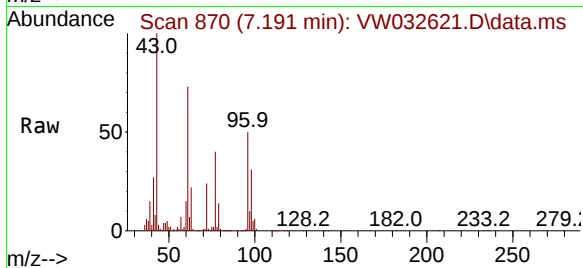


#27
 cis-1,2-Dichloroethene
 Concen: 21.714 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion: 96 Resp: 116363

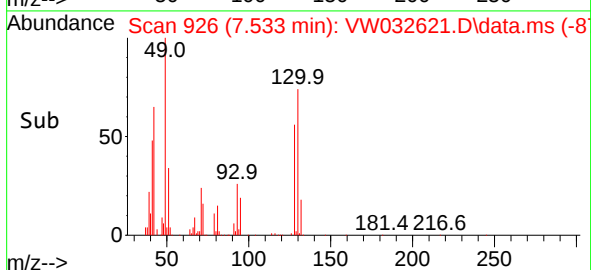
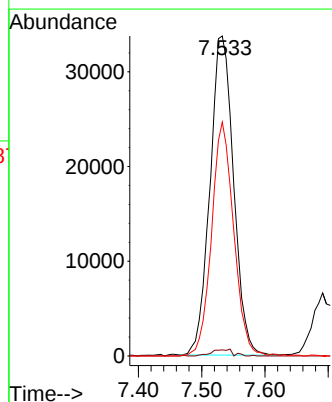
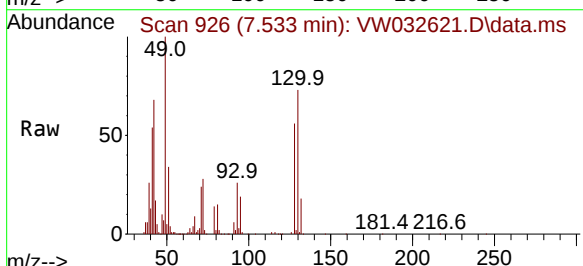
Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	295.8
98	62.3	0.0	127.2

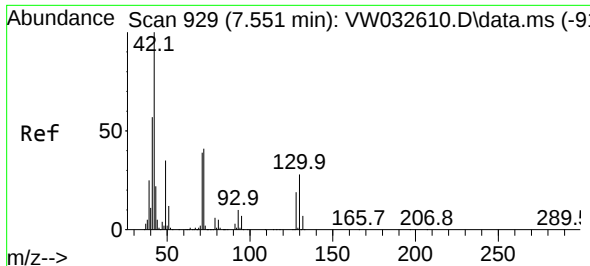


#28
 Bromochloromethane
 Concen: 24.301 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

Tgt Ion: 49 Resp: 87333

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	68.5	53.3	79.9





#29

Tetrahydrofuran

Concen: 112.098 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

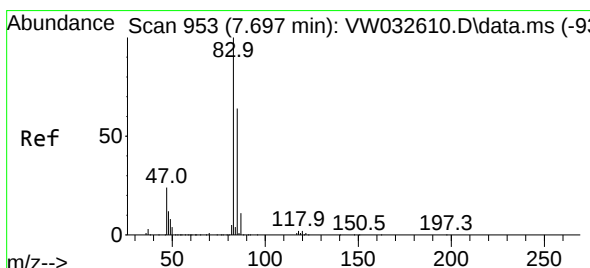
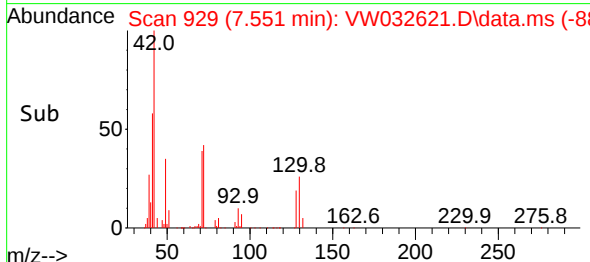
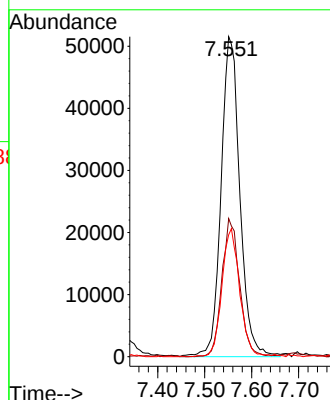
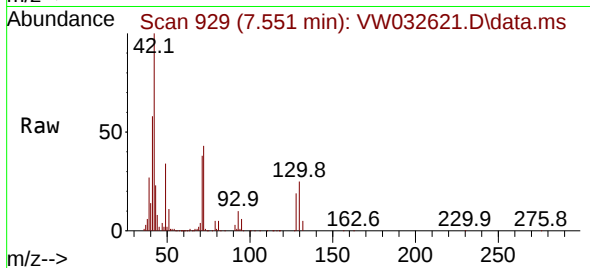
Tgt Ion: 42 Resp: 143408

Ion Ratio Lower Upper

42 100

72 40.7 33.2 49.8

71 37.9 30.7 46.1



#30

Chloroform

Concen: 21.759 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.000 min

Lab File: VW032621.D

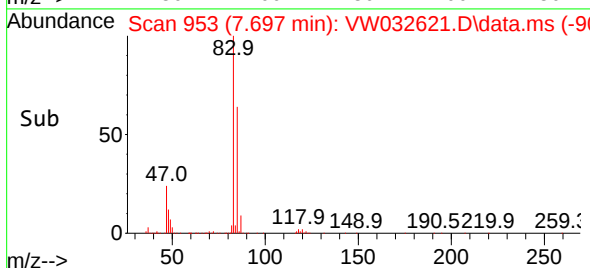
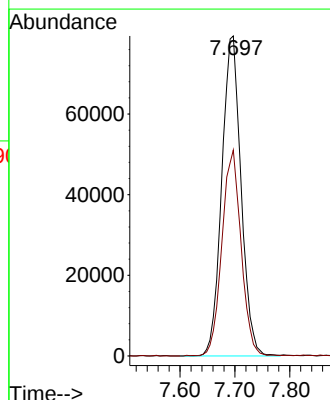
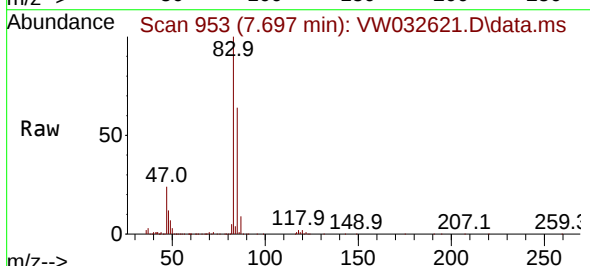
Acq: 11 Dec 2025 10:40

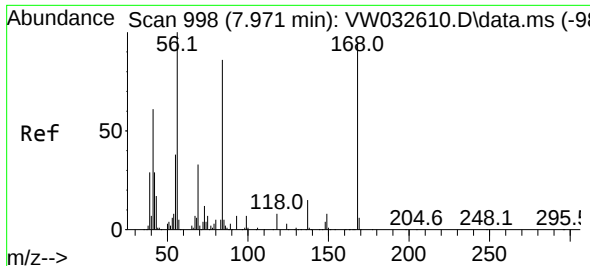
Tgt Ion: 83 Resp: 194157

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.2

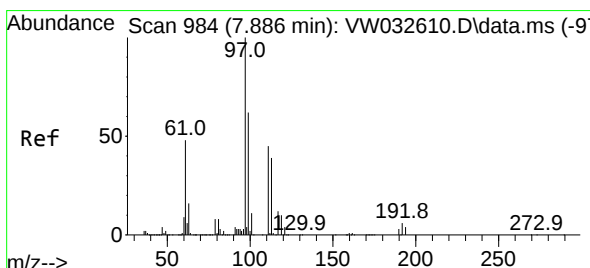
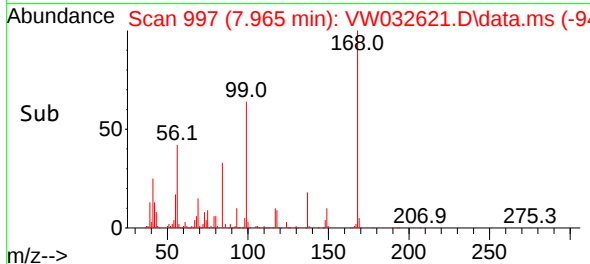
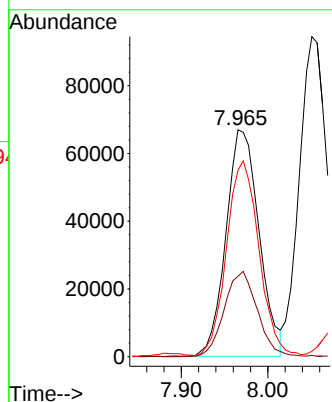
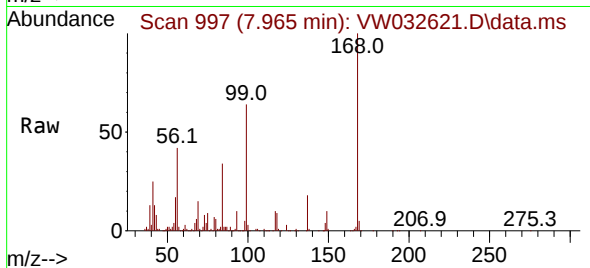




#31
Cyclohexane
Concen: 21.301 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

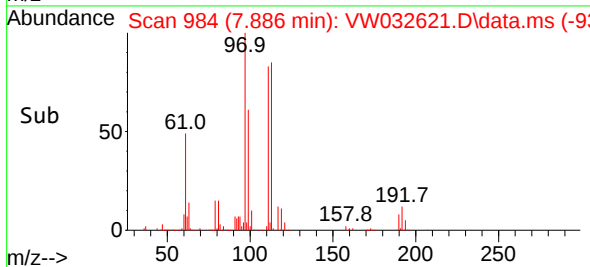
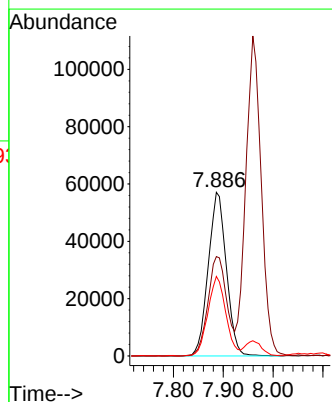
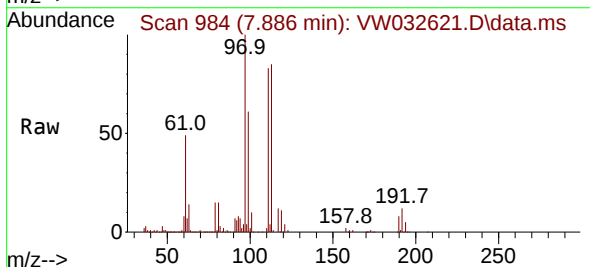
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

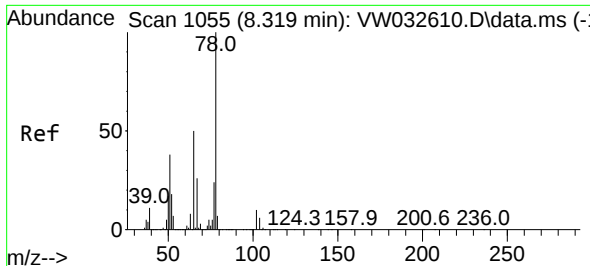
Tgt Ion: 56 Resp: 177611
Ion Ratio Lower Upper
56 100
69 35.6 26.2 39.2
84 81.0 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 21.988 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 97 Resp: 144277
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 48.3 37.8 56.8

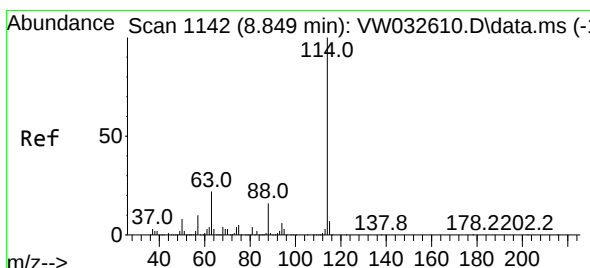
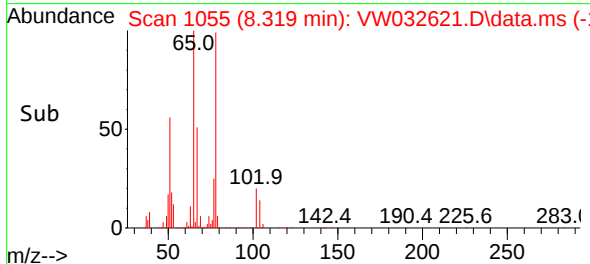
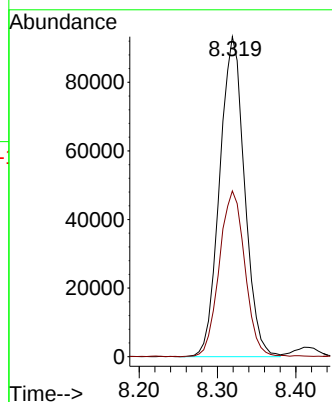
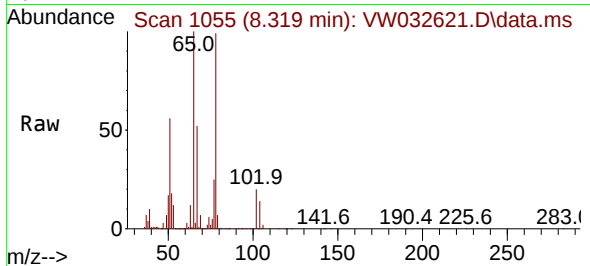




#33
 1,2-Dichloroethane-d4
 Concen: 38.706 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

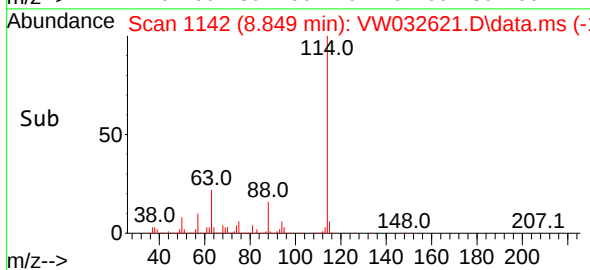
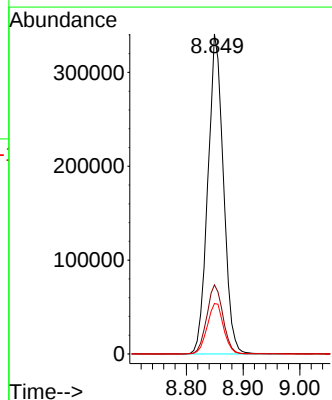
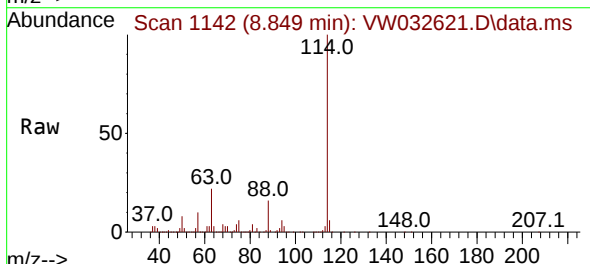
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

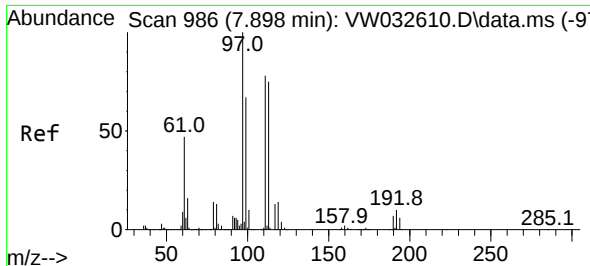
Tgt Ion: 65 Resp: 206156
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

Tgt Ion: 114 Resp: 649478
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.6
 88 15.8 0.0 31.8

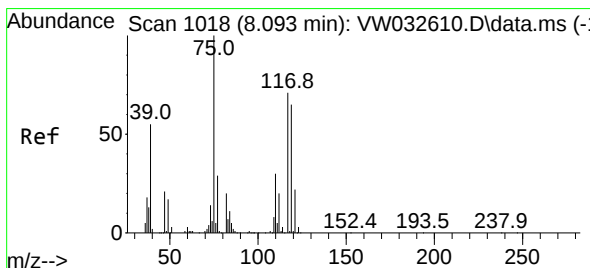
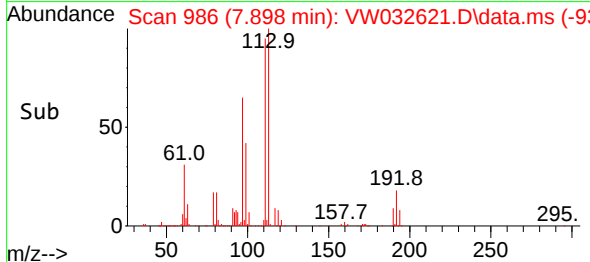
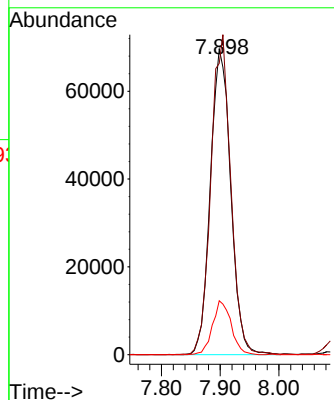
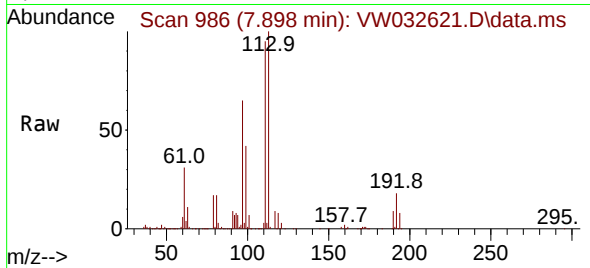




#35
Dibromofluoromethane
Concen: 37.156 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

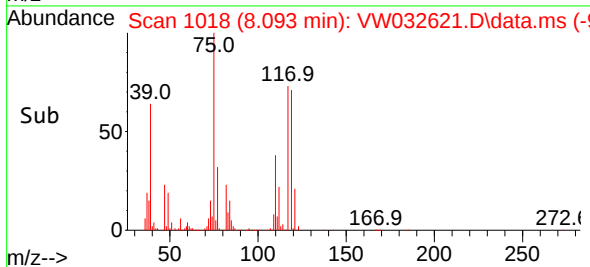
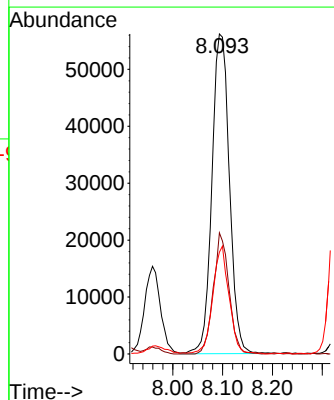
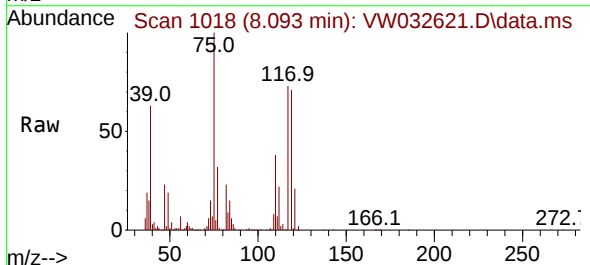
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

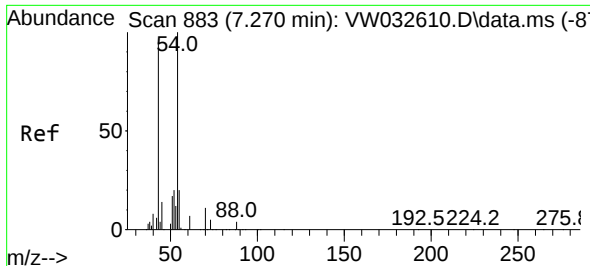
Tgt Ion:113 Resp: 167797
Ion Ratio Lower Upper
113 100
111 102.2 85.2 127.8
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 20.492 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 75 Resp: 137021
Ion Ratio Lower Upper
75 100
110 33.9 16.3 48.9
77 31.5 24.6 37.0

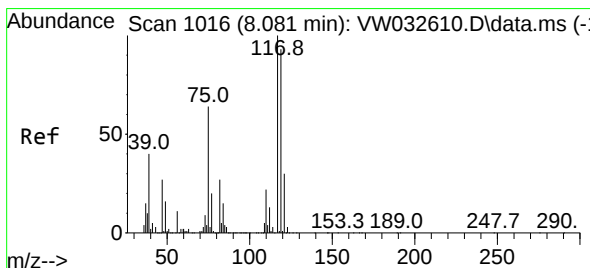
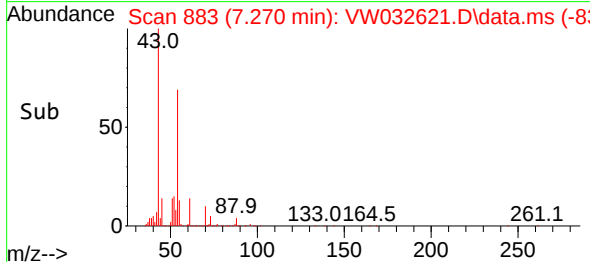
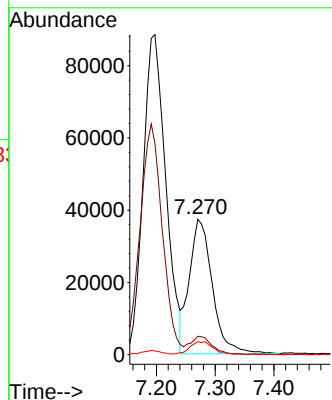
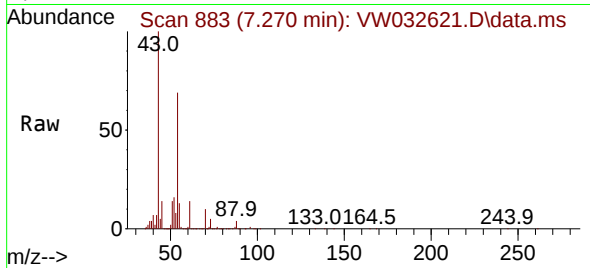




#37
Ethyl Acetate
Concen: 22.200 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

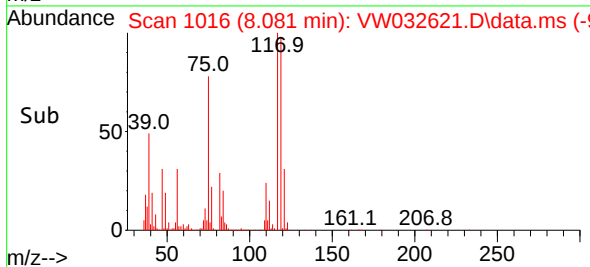
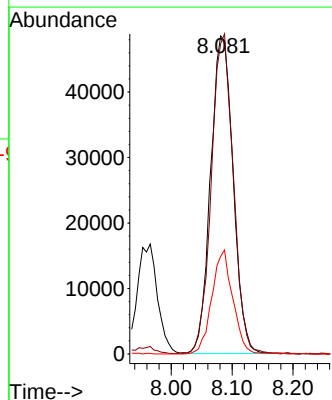
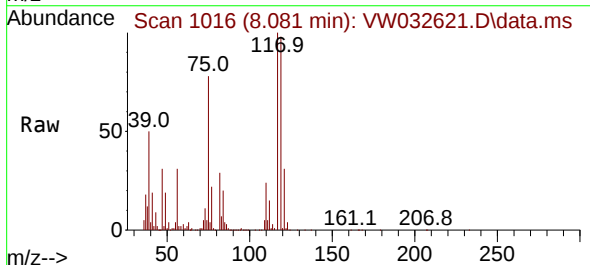
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

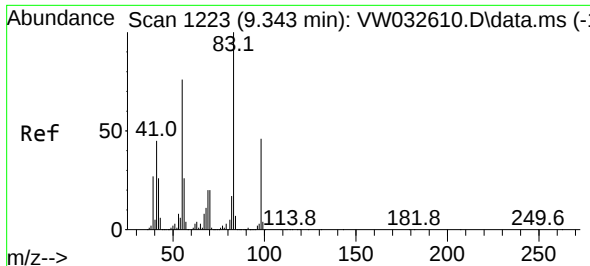
Tgt Ion: 43 Resp: 101683
Ion Ratio Lower Upper
43 100
61 12.7 10.3 15.5
70 10.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.154 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 117 Resp: 124648
Ion Ratio Lower Upper
117 100
119 97.5 74.3 111.5
121 30.7 23.6 35.4

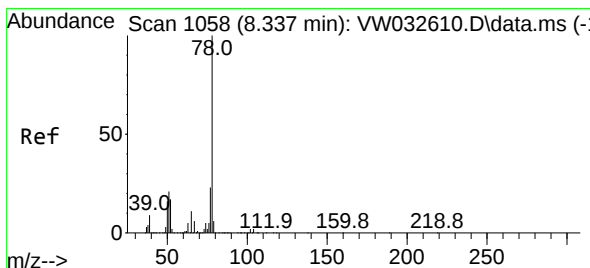
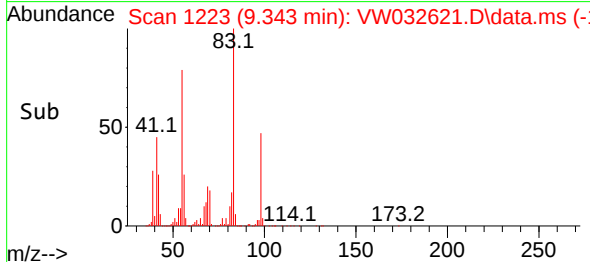
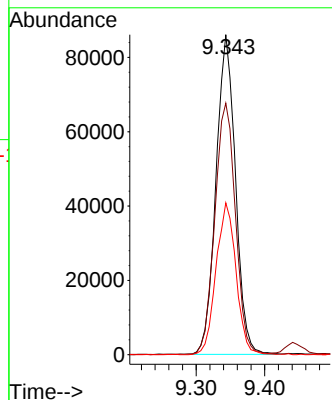
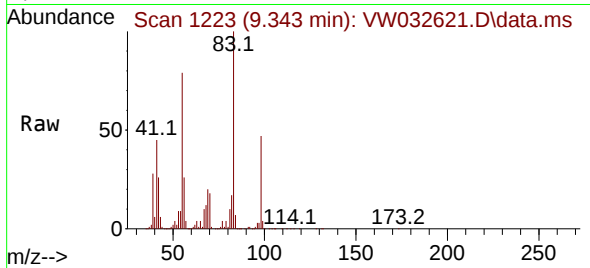




#39
Methylcyclohexane
Concen: 20.196 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

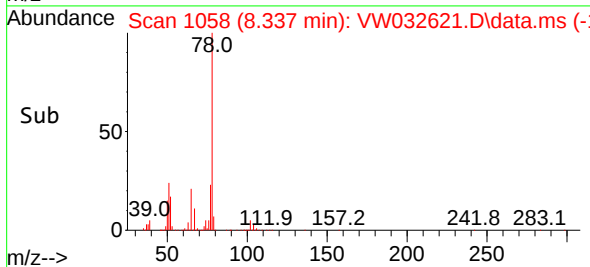
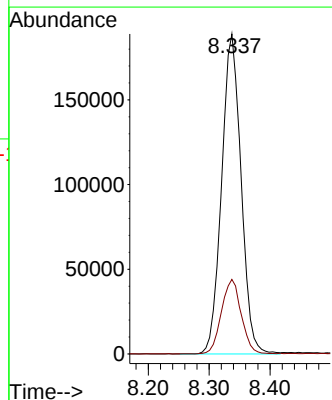
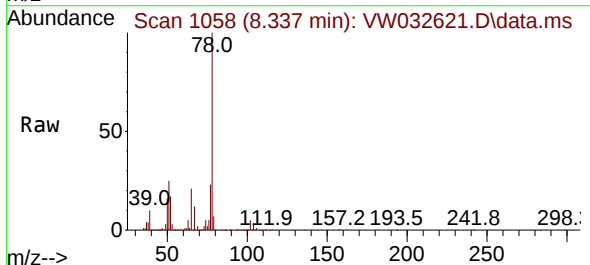
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

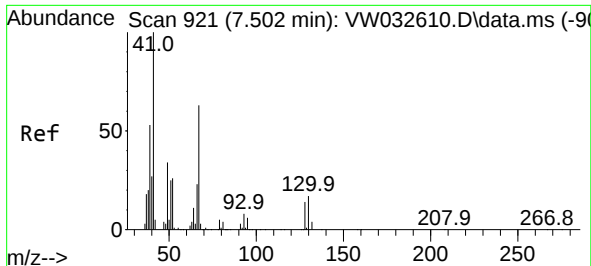
Tgt Ion: 83 Resp: 169834
Ion Ratio Lower Upper
83 100
55 78.4 61.2 91.8
98 47.5 37.0 55.4



#40
Benzene
Concen: 20.654 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 78 Resp: 418966
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

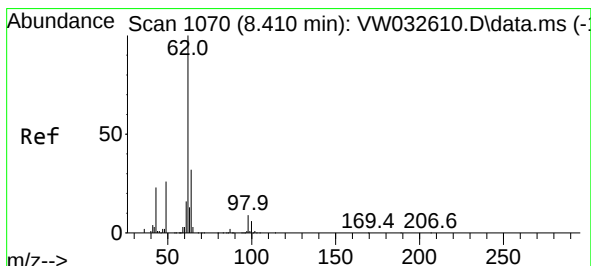
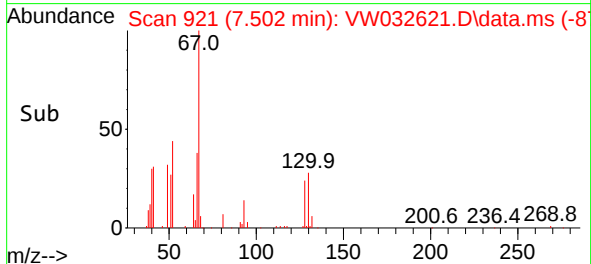
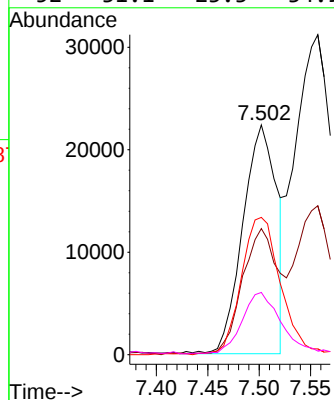
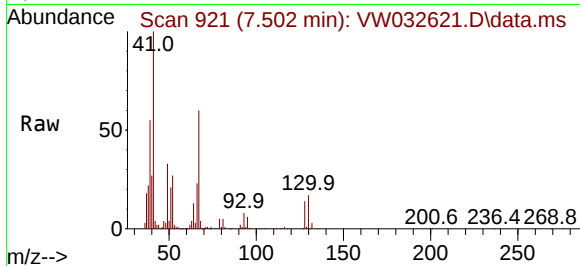




#41
Methacrylonitrile
Concen: 20.964 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

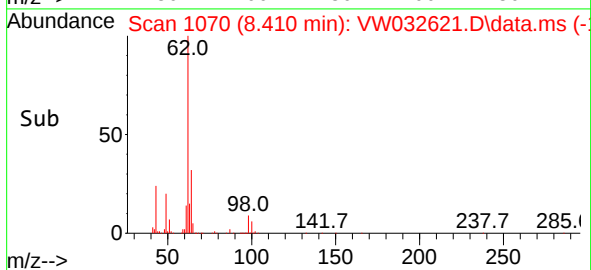
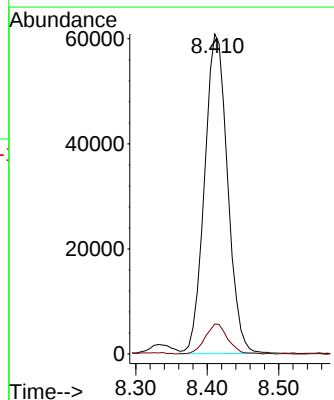
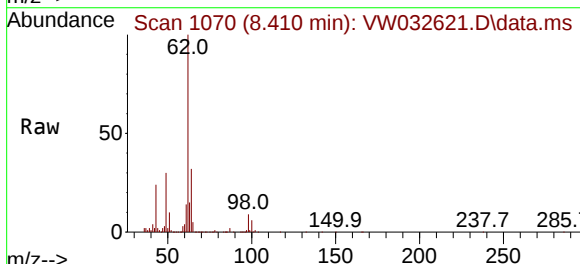
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

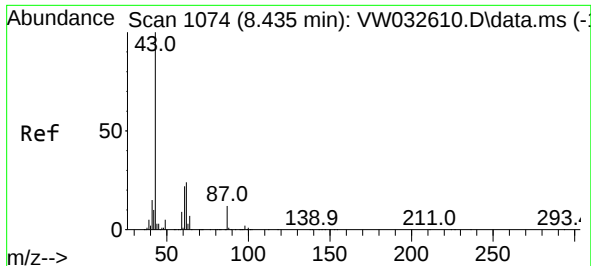
Tgt Ion:	41	Resp:	51321
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.3	70.9
67	69.5	55.9	83.9
52	31.1	23.3	34.9



#42
1,2-Dichloroethane
Concen: 21.083 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion:	62	Resp:	136171
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8

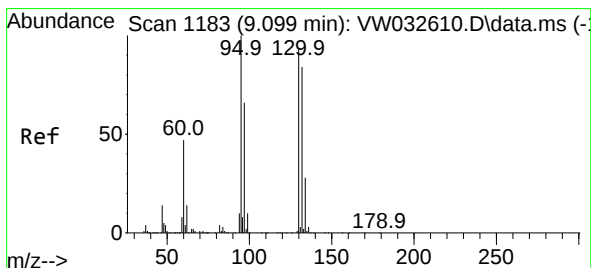
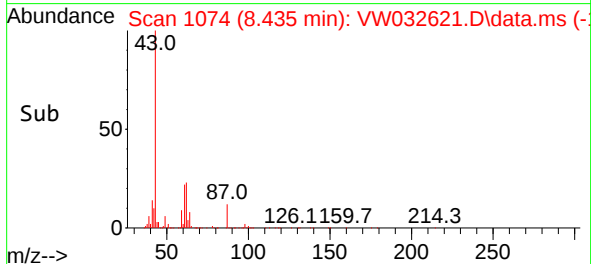
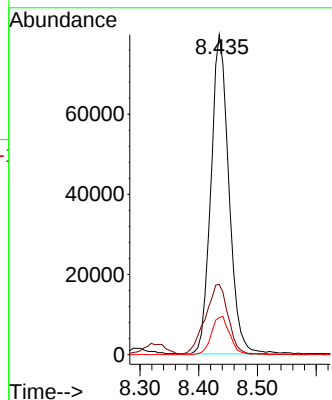
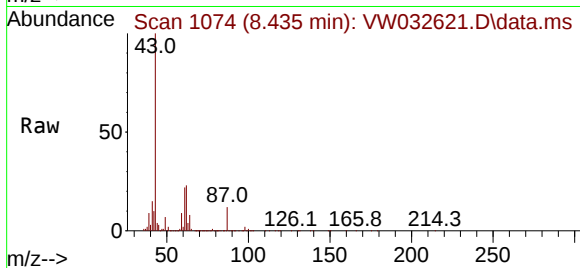




#43
Isopropyl Acetate
Concen: 20.807 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

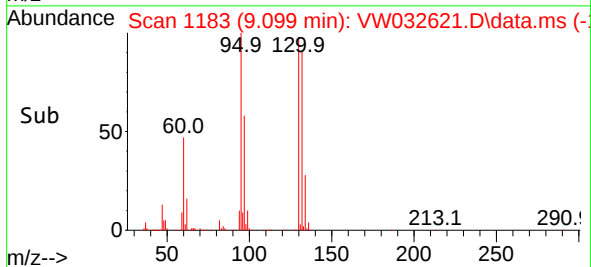
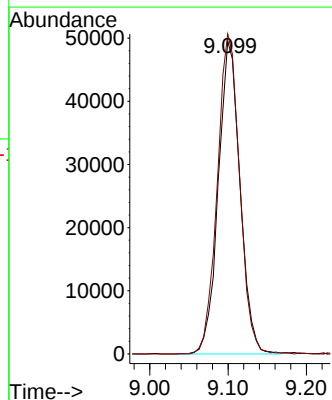
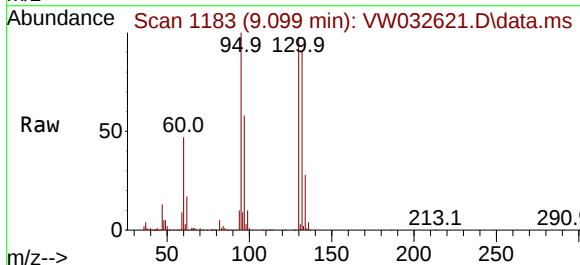
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

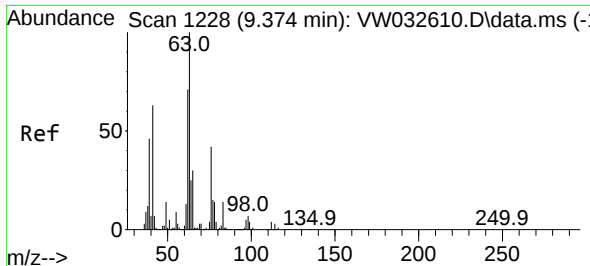
Tgt Ion: 43 Resp: 169010
Ion Ratio Lower Upper
43 100
61 28.0 22.7 34.1
87 12.2 9.6 14.4



#44
Trichloroethene
Concen: 20.610 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion:130 Resp: 95463
Ion Ratio Lower Upper
130 100
95 102.2 0.0 215.6

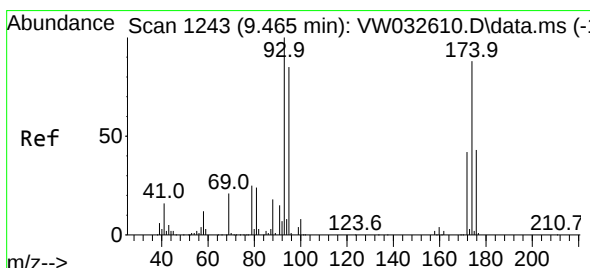
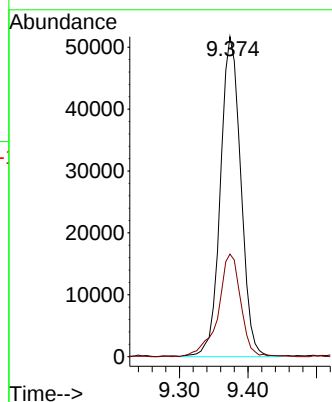
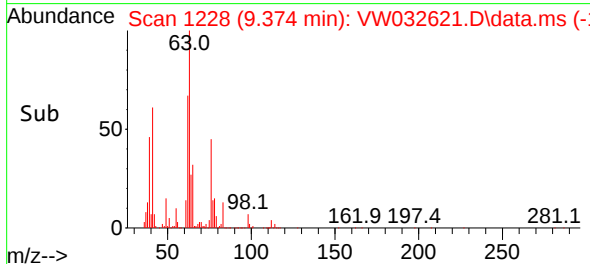
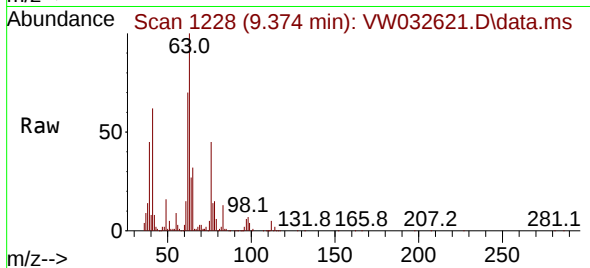




#45
1,2-Dichloropropane
Concen: 20.787 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

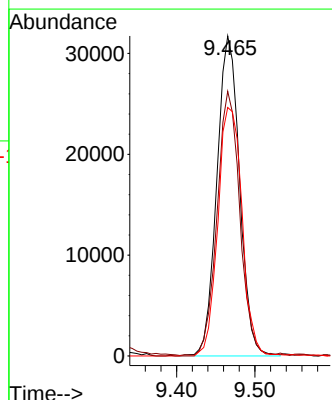
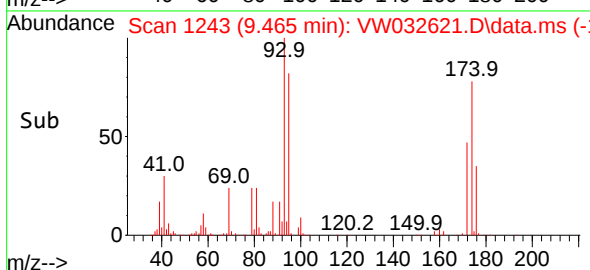
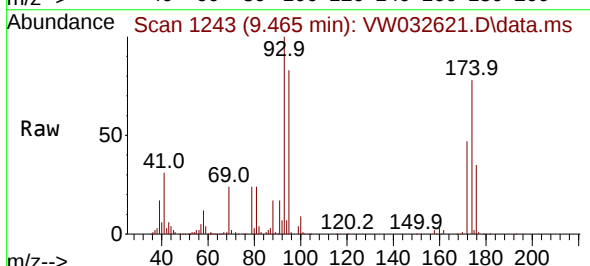
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

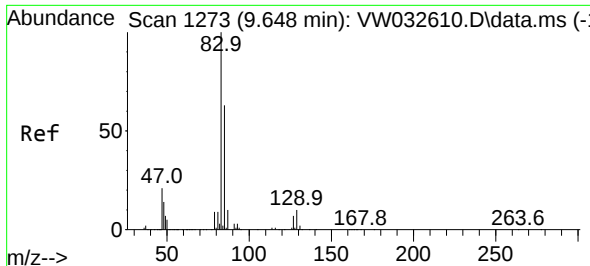
Tgt Ion: 63 Resp: 106697
Ion Ratio Lower Upper
63 100
65 31.9 23.8 35.6



#46
Dibromomethane
Concen: 21.283 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 93 Resp: 64004
Ion Ratio Lower Upper
93 100
95 82.5 67.0 100.4
174 82.9 67.6 101.4

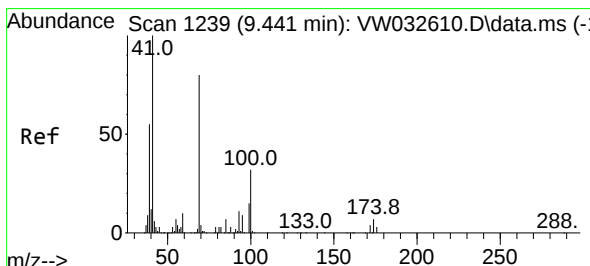
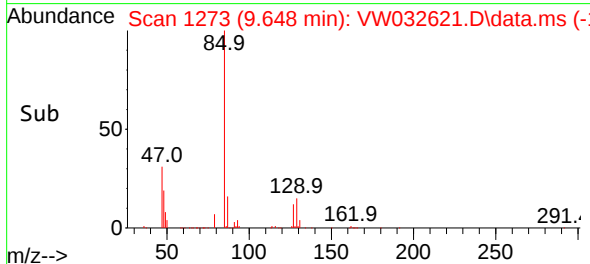
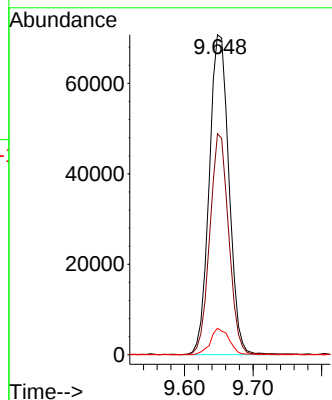
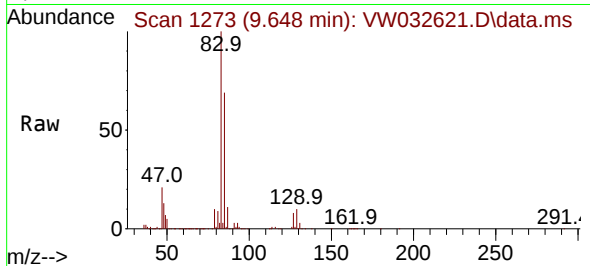




#47
Bromodichloromethane
Concen: 20.243 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

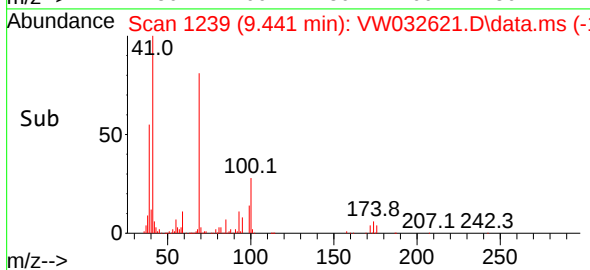
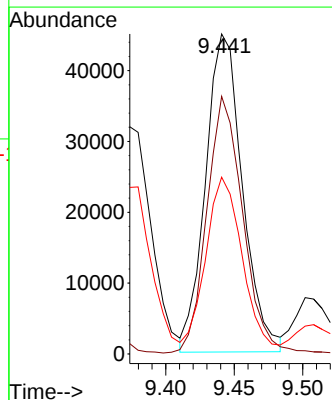
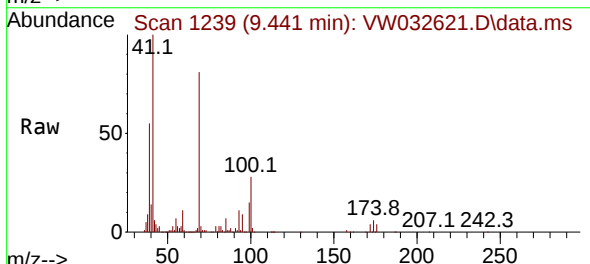
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

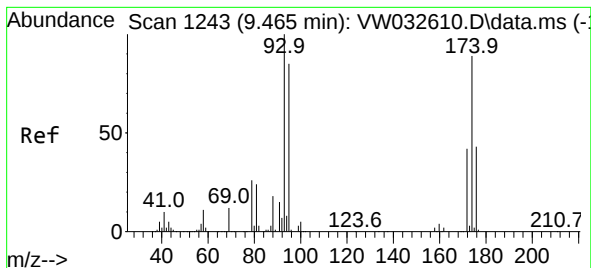
Tgt Ion: 83 Resp: 141608
Ion Ratio Lower Upper
83 100
85 69.0 50.7 76.1
127 8.3 6.0 9.0



#48
Methyl methacrylate
Concen: 21.939 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 41 Resp: 84112
Ion Ratio Lower Upper
41 100
69 79.1 67.9 101.9
39 50.3 43.8 65.8





#49

1,4-Dioxane

Concen: 411.809 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

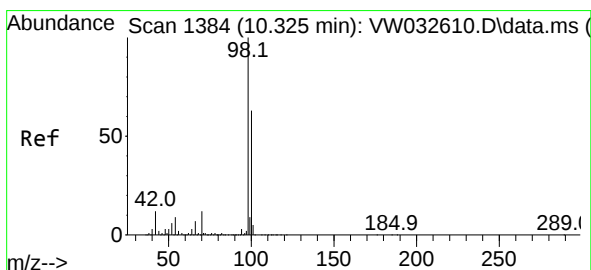
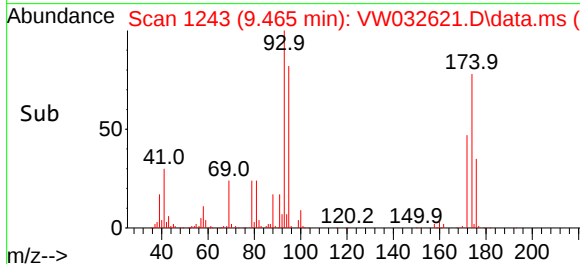
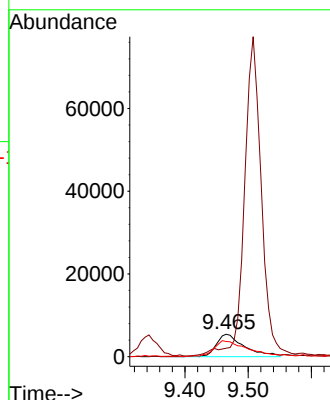
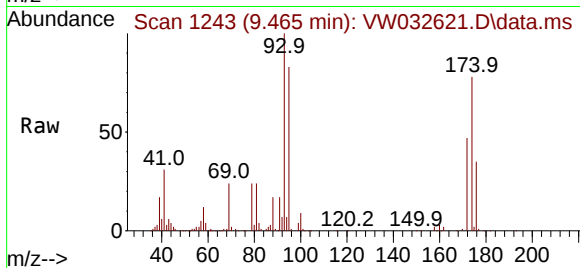
Tgt Ion: 88 Resp: 16614

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 88.0 63.8 95.8



#50

Toluene-d8

Concen: 37.850 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032621.D

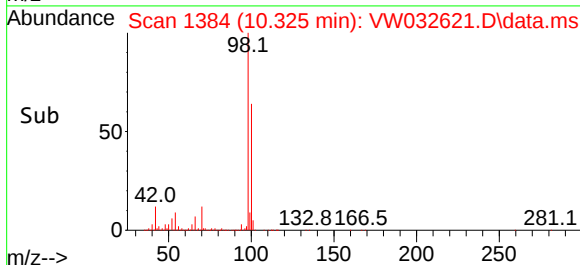
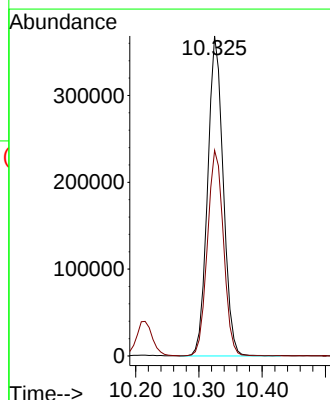
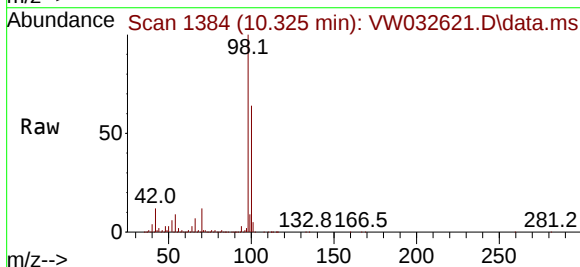
Acq: 11 Dec 2025 10:40

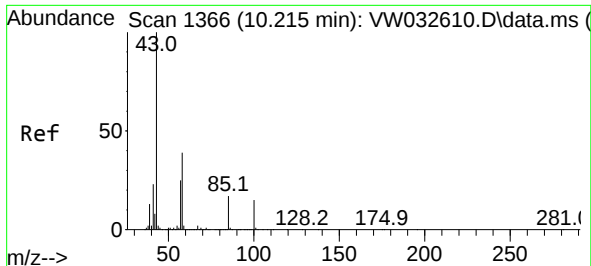
Tgt Ion: 98 Resp: 630886

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2

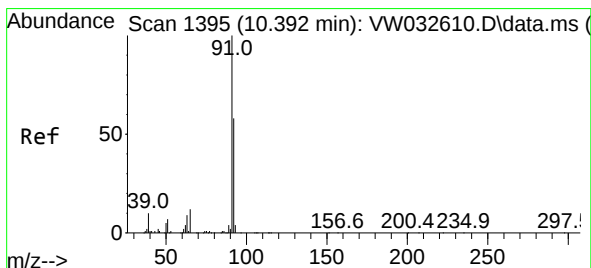
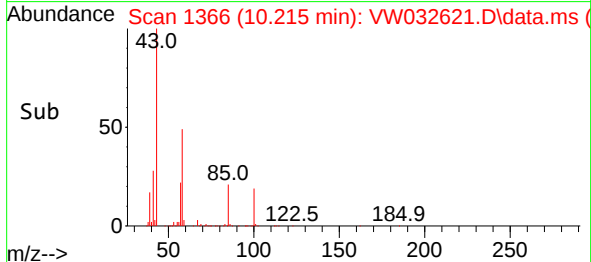
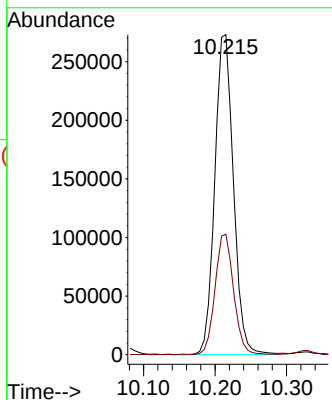
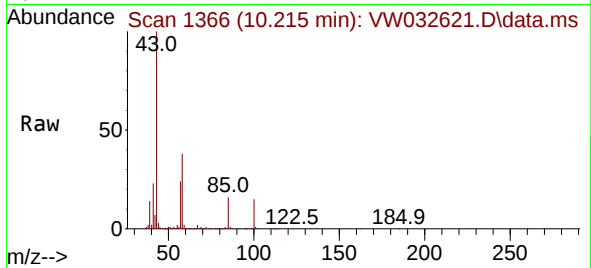




#51
4-Methyl-2-Pentanone
Concen: 109.151 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

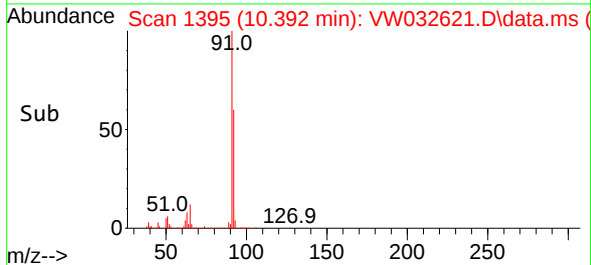
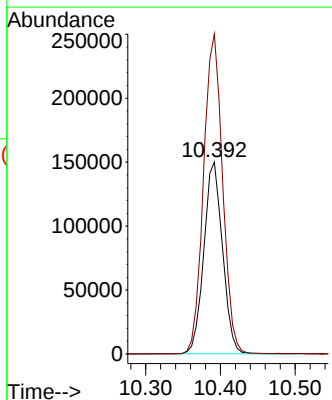
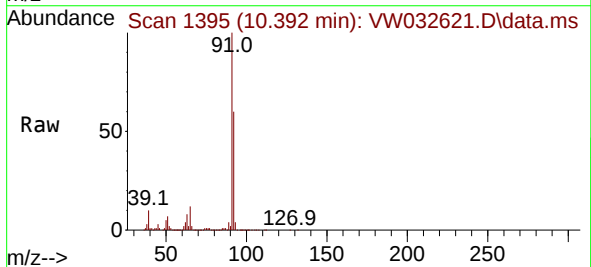
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

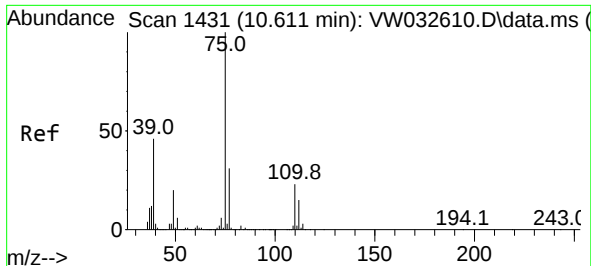
Tgt Ion: 43 Resp: 494313
Ion Ratio Lower Upper
43 100
58 37.5 30.6 45.8



#52
Toluene
Concen: 20.861 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 92 Resp: 260356
Ion Ratio Lower Upper
92 100
91 170.6 137.6 206.4

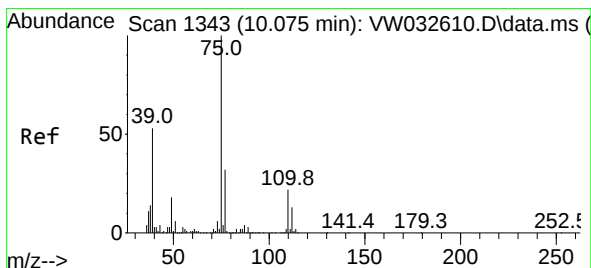
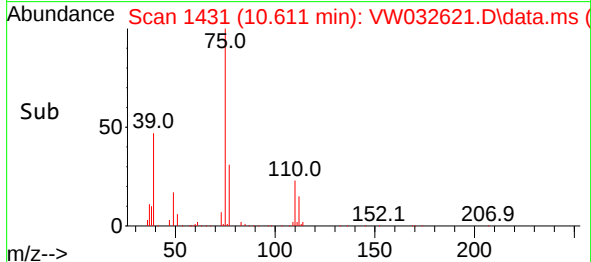
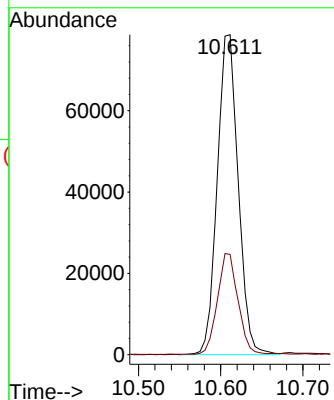
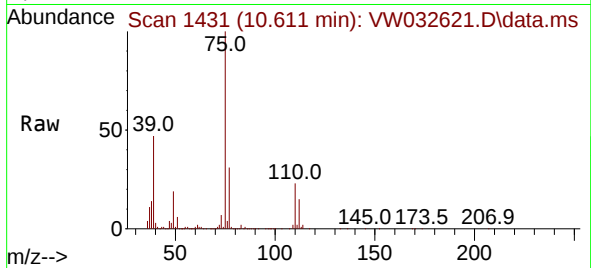




#53
t-1,3-Dichloropropene
Concen: 20.227 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

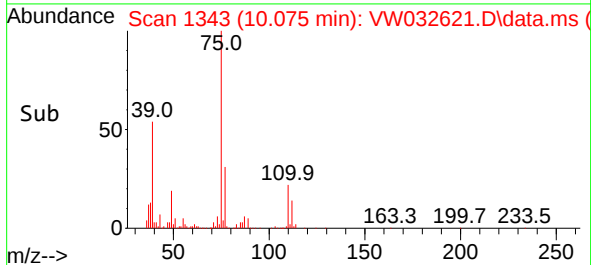
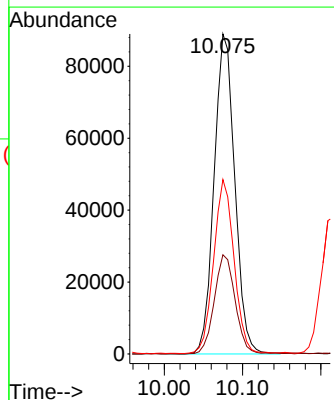
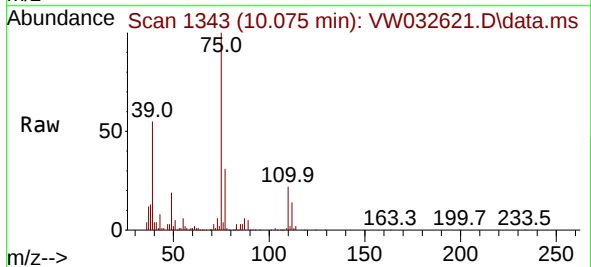
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

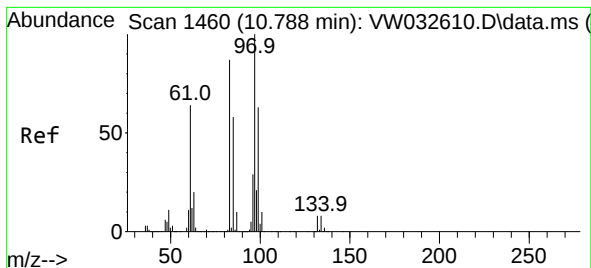
Tgt Ion: 75 Resp: 139514
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.489 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 75 Resp: 162967
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0
39 54.4 42.5 63.7

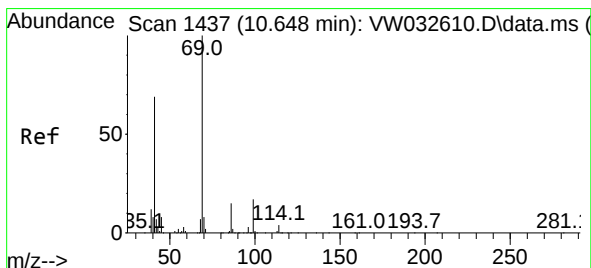
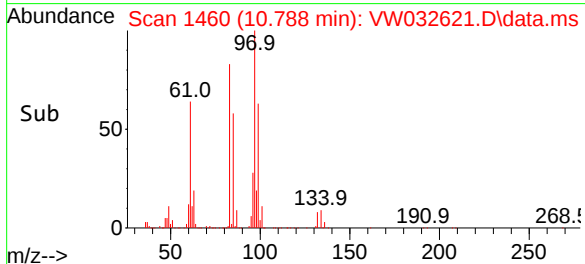
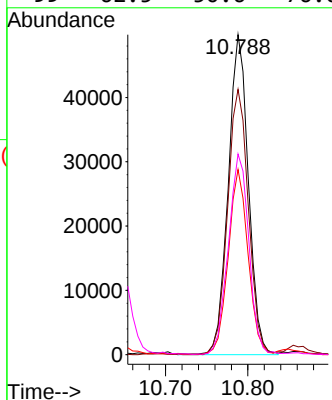
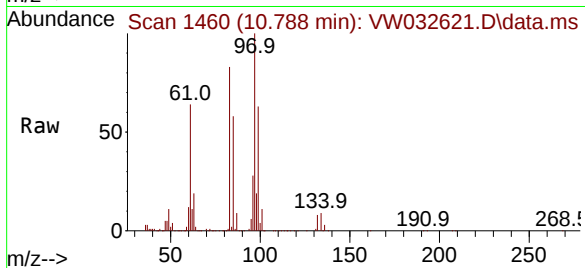




#55
1,1,2-Trichloroethane
Concen: 21.044 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

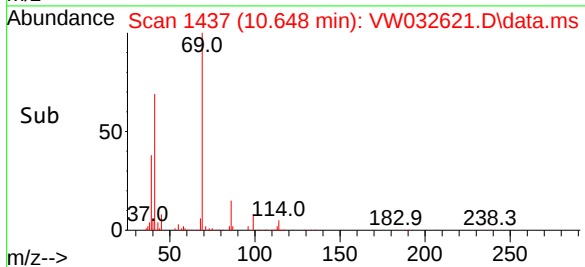
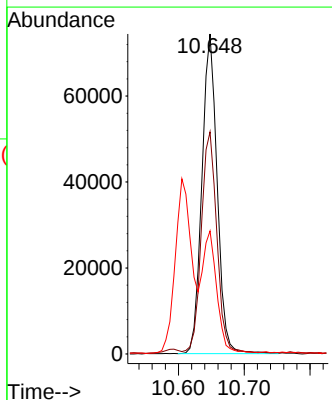
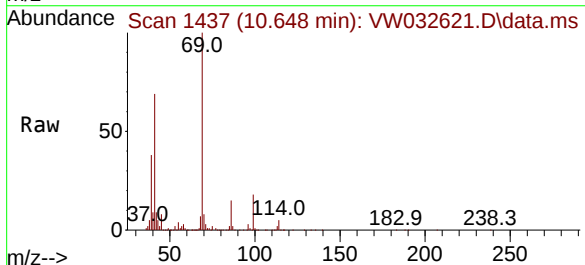
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

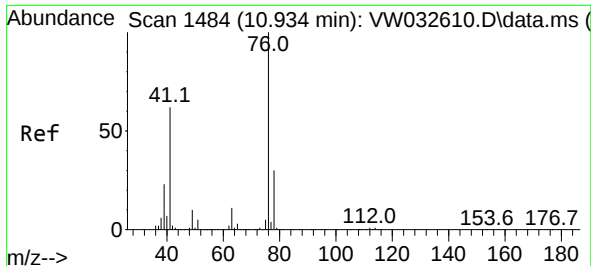
Tgt Ion:	97	Resp:	84914
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.3	103.9
85	57.6	46.1	69.1
99	62.5	50.6	76.0



#56
Ethyl methacrylate
Concen: 20.612 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion:	69	Resp:	120071
Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.0	85.6
39	35.4	27.2	40.8





#57

1,3-Dichloropropane

Concen: 21.187 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

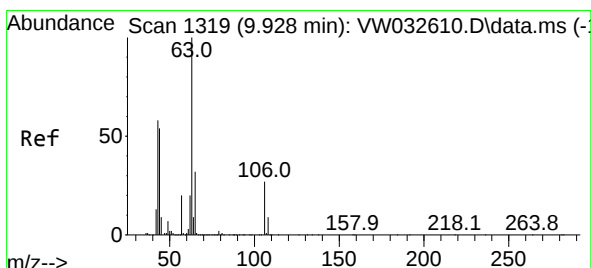
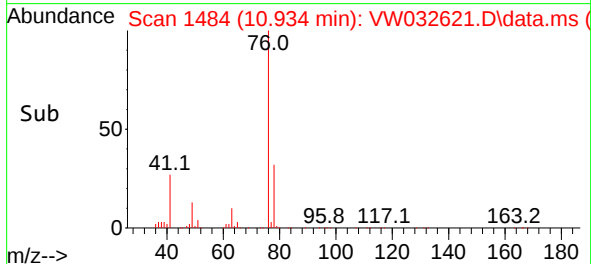
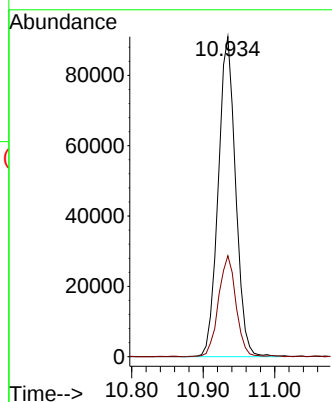
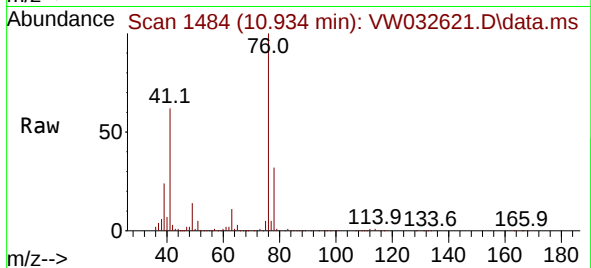
VW1211SBSD01

Tgt Ion: 76 Resp: 153553

Ion Ratio Lower Upper

76 100

78 31.7 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 168.850 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032621.D

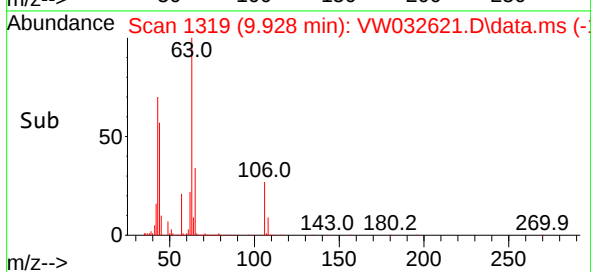
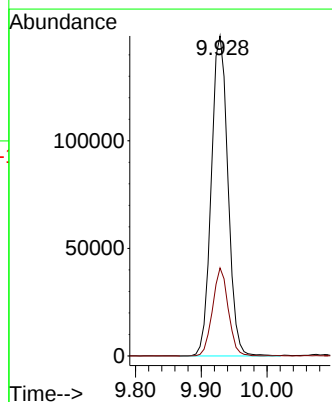
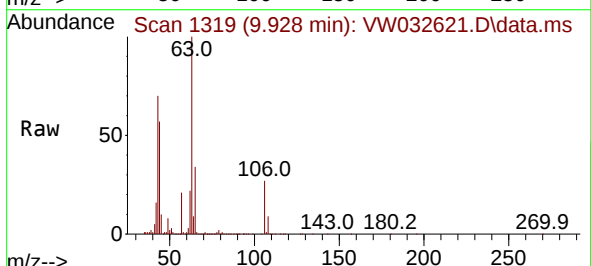
Acq: 11 Dec 2025 10:40

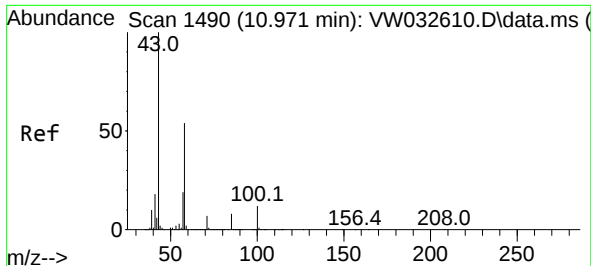
Tgt Ion: 63 Resp: 262331

Ion Ratio Lower Upper

63 100

106 25.9 21.3 31.9

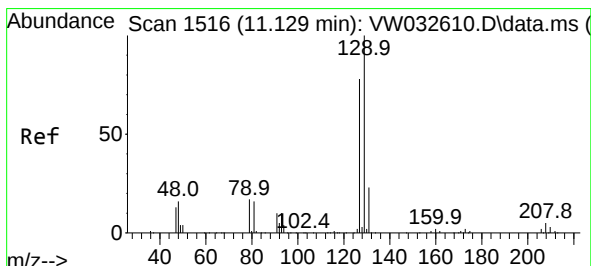
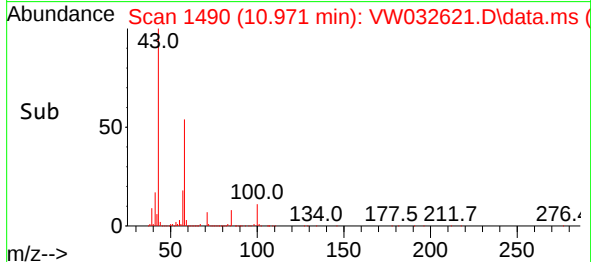
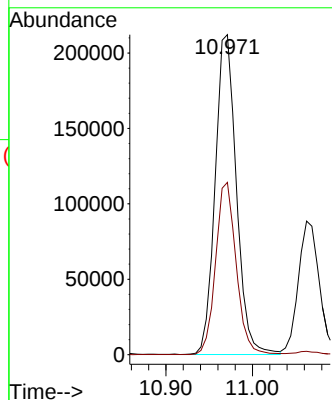
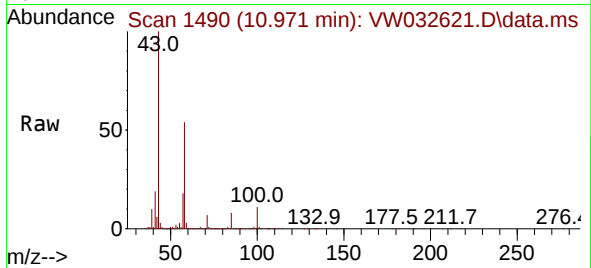




#59
2-Hexanone
Concen: 110.181 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

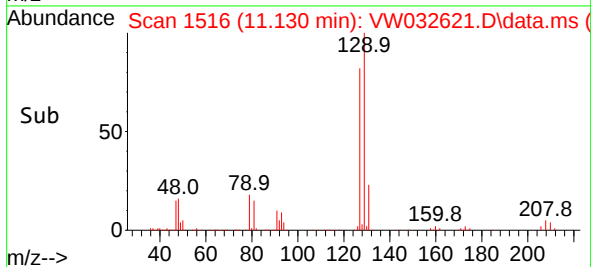
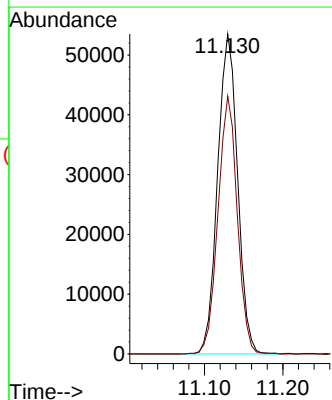
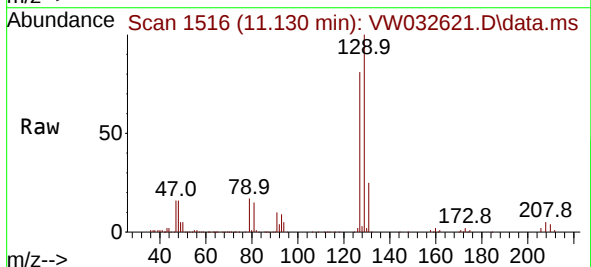
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

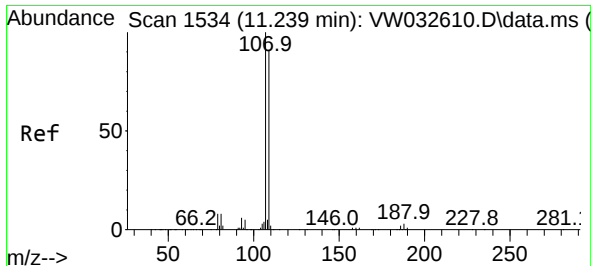
Tgt Ion: 43 Resp: 361390
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#60
Dibromochloromethane
Concen: 21.124 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 129 Resp: 94937
Ion Ratio Lower Upper
129 100
127 77.8 37.2 111.6

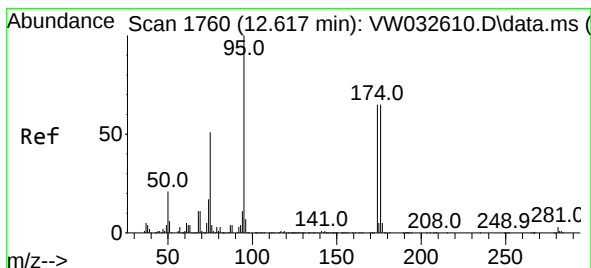
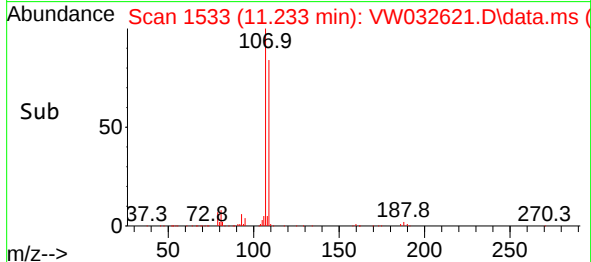
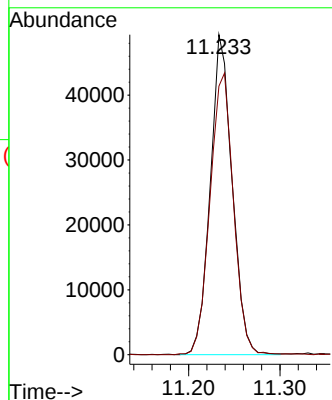
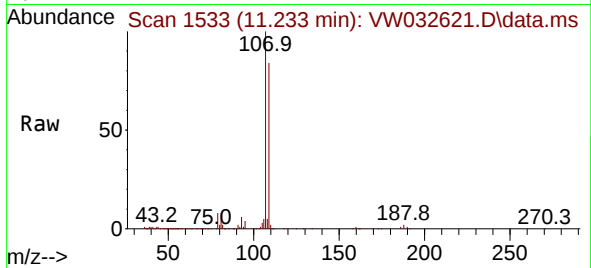




#61
1,2-Dibromoethane
Concen: 20.990 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

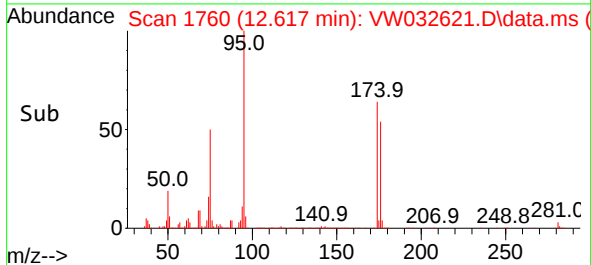
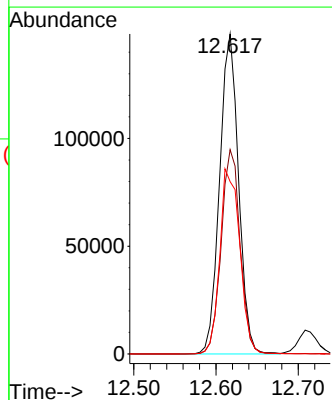
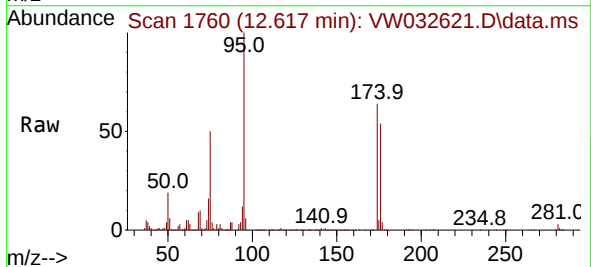
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

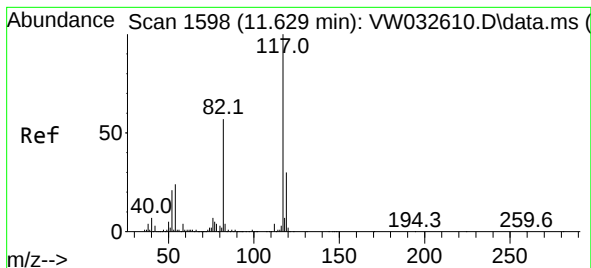
Tgt Ion:107 Resp: 81897
Ion Ratio Lower Upper
107 100
109 94.1 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 38.799 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 95 Resp: 237433
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.0
176 61.2 0.0 123.4

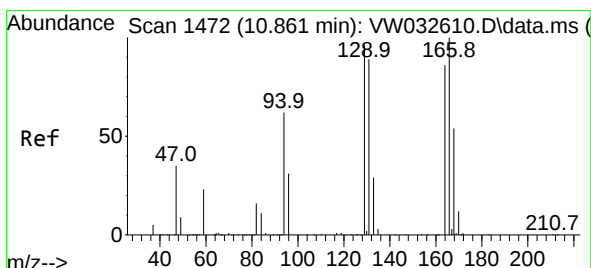
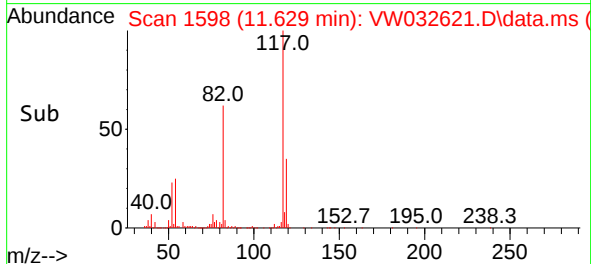
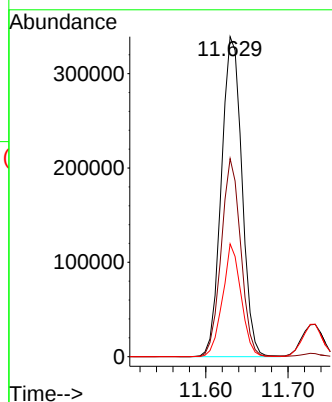
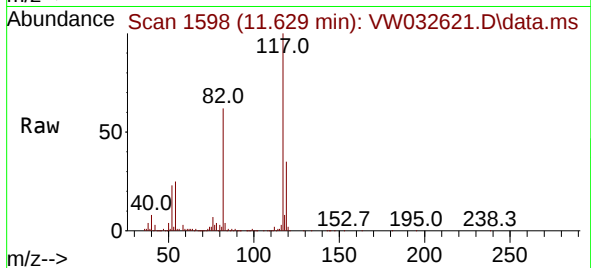




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

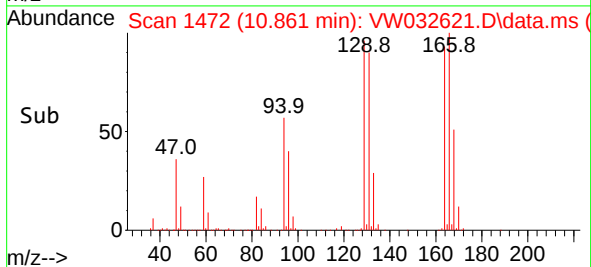
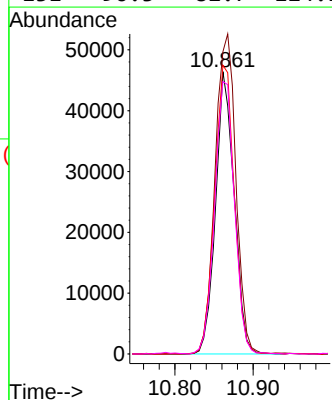
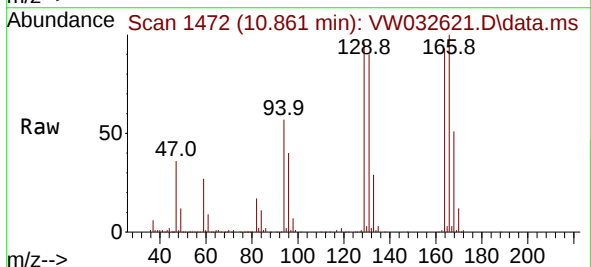
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

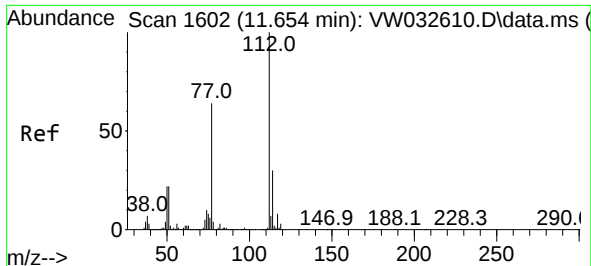
Tgt Ion:117 Resp: 589027
Ion Ratio Lower Upper
117 100
82 61.9 45.5 68.3
119 35.3 23.8 35.8



#64
Tetrachloroethene
Concen: 20.307 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion:164 Resp: 76694
Ion Ratio Lower Upper
164 100
166 107.0 93.0 139.6
129 102.2 89.2 133.8
131 96.3 82.7 124.1

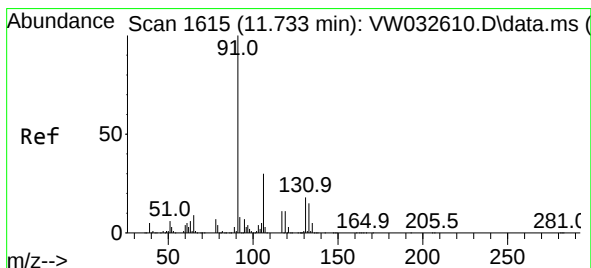
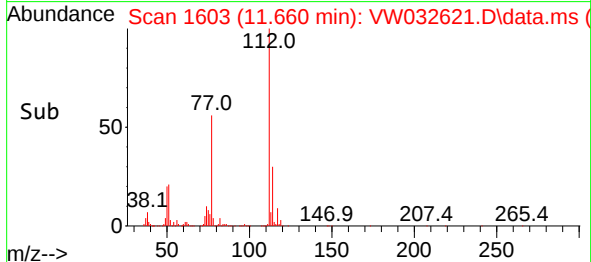
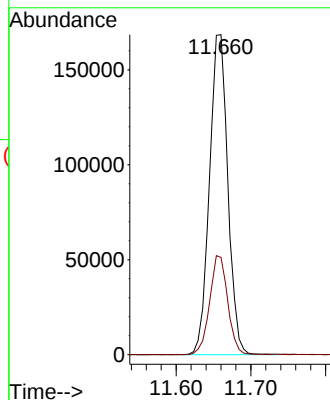
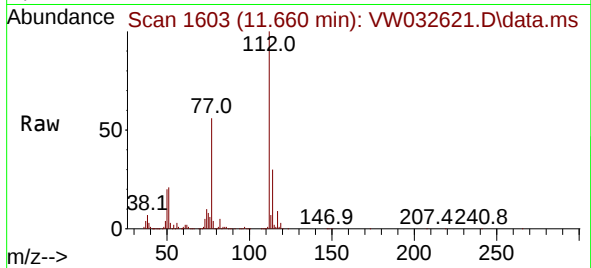




#65
Chlorobenzene
Concen: 21.425 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

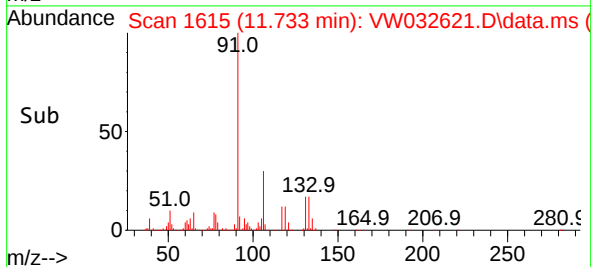
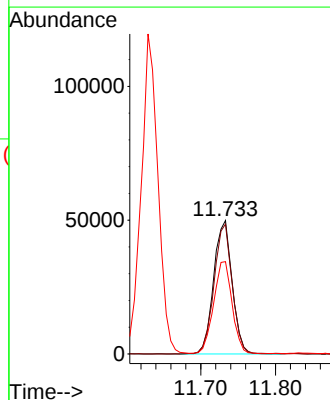
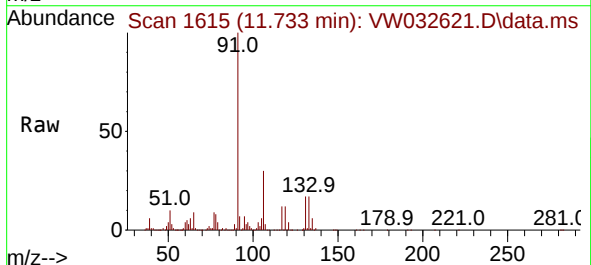
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

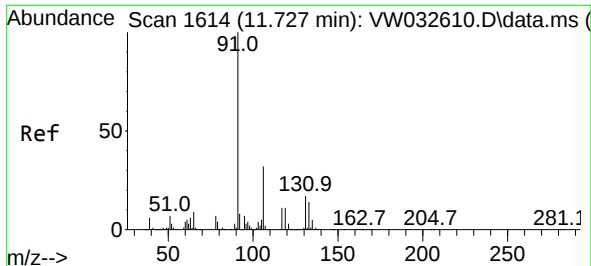
Tgt Ion:112 Resp: 288171
Ion Ratio Lower Upper
112 100
114 30.4 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.347 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion:131 Resp: 85464
Ion Ratio Lower Upper
131 100
133 96.1 44.0 132.1
119 69.5 32.0 96.2





#67

Ethyl Benzene

Concen: 21.172 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

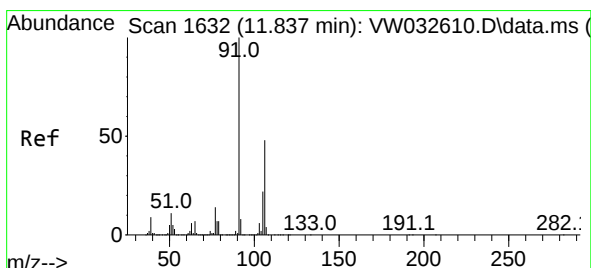
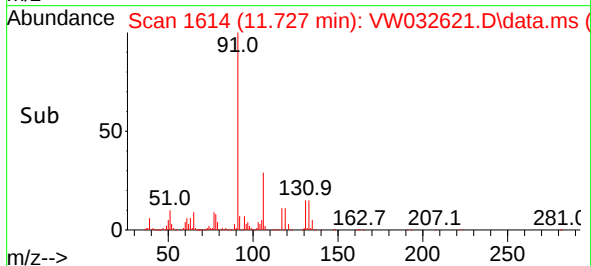
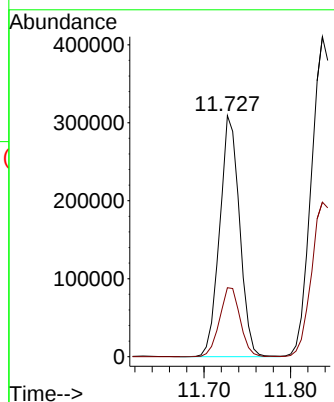
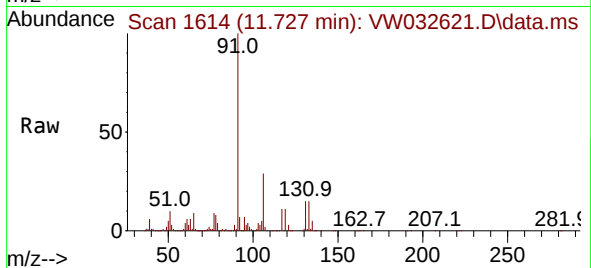
VW1211SBSD01

Tgt Ion: 91 Resp: 492147

Ion Ratio Lower Upper

91 100

106 28.6 25.8 38.6



#68

m/p-Xylenes

Concen: 42.157 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032621.D

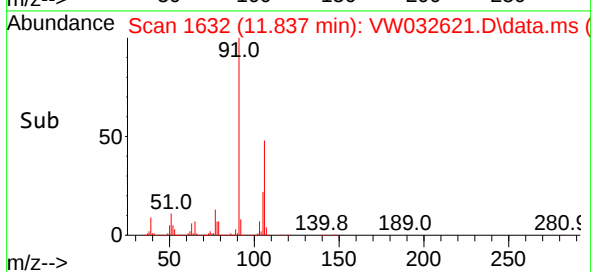
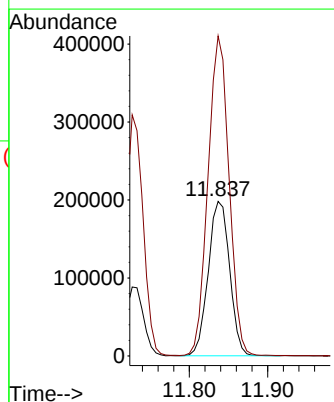
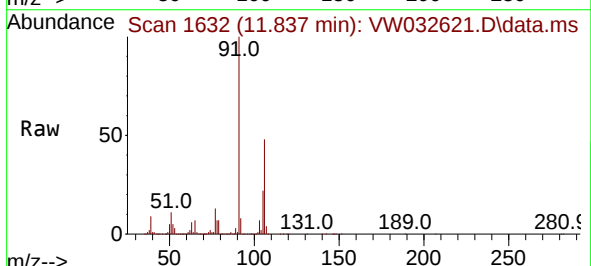
Acq: 11 Dec 2025 10:40

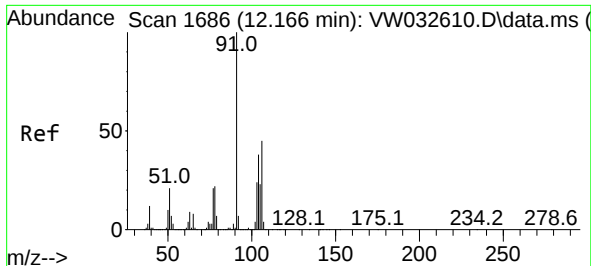
Tgt Ion:106 Resp: 376070

Ion Ratio Lower Upper

106 100

91 203.9 165.6 248.4

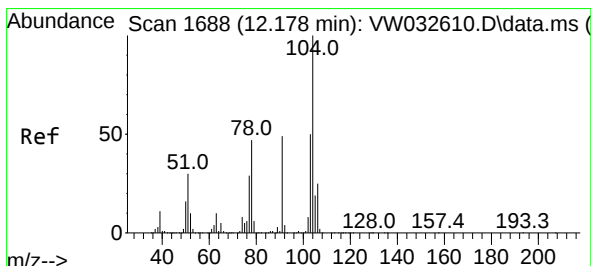
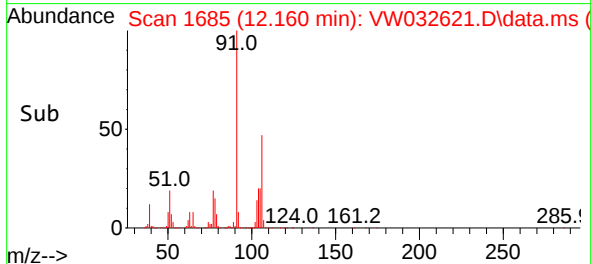
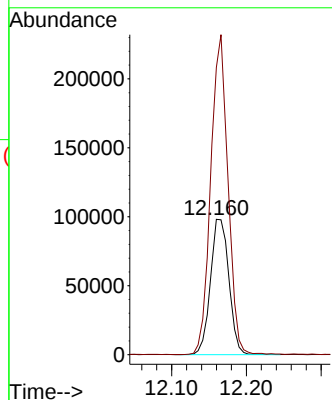
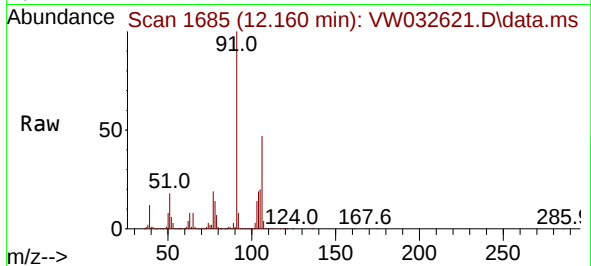




#69
o-Xylene
Concen: 20.469 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

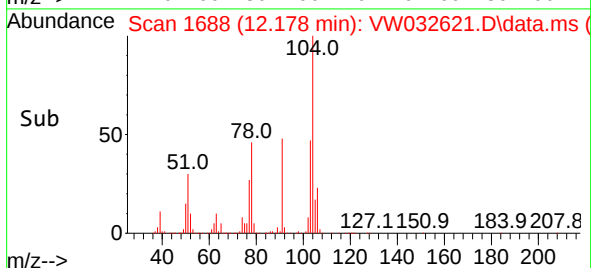
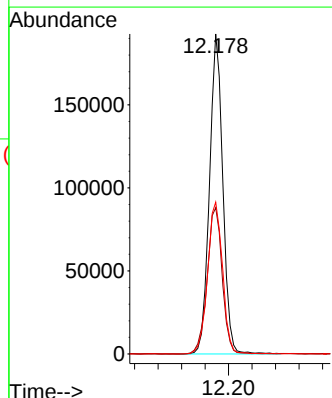
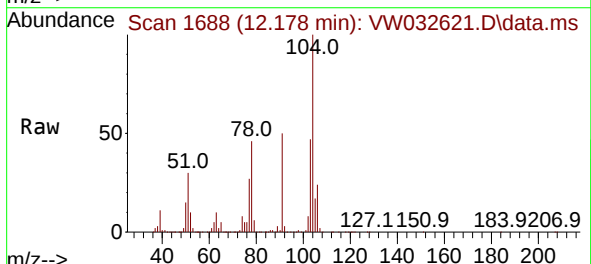
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

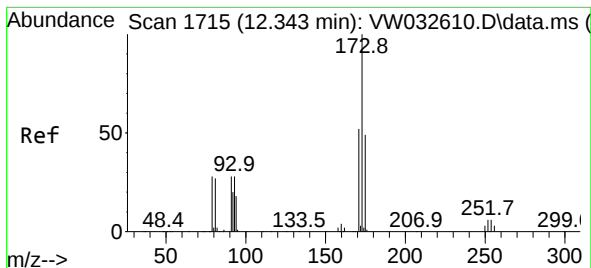
Tgt Ion:106 Resp: 168408
Ion Ratio Lower Upper
106 100
91 220.4 108.3 324.8



#70
Styrene
Concen: 21.216 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion:104 Resp: 304315
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 53.2 43.8 65.6





#71

Bromoform

Concen: 21.636 ug/l

RT: 12.349 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

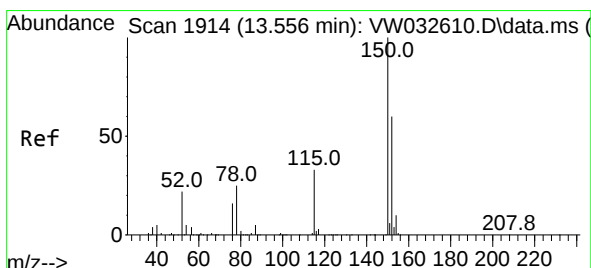
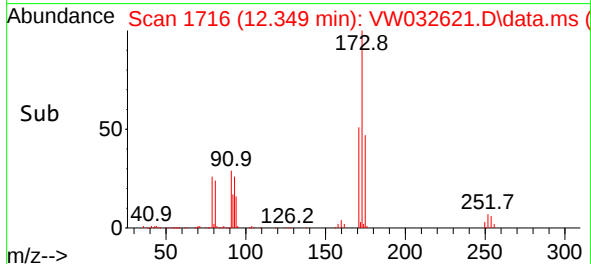
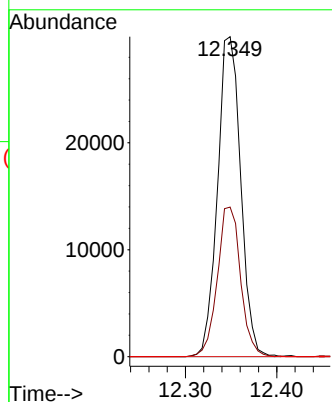
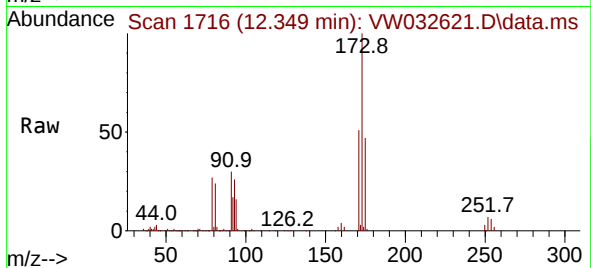
Tgt Ion:173 Resp: 52768

Ion Ratio Lower Upper

173 100

175 47.0 24.9 74.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

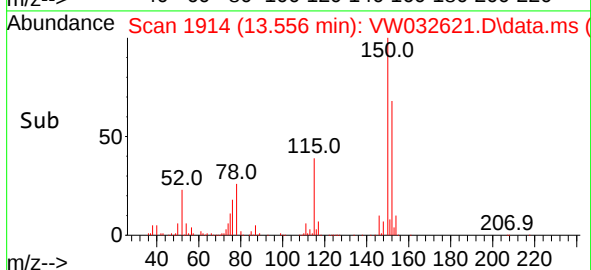
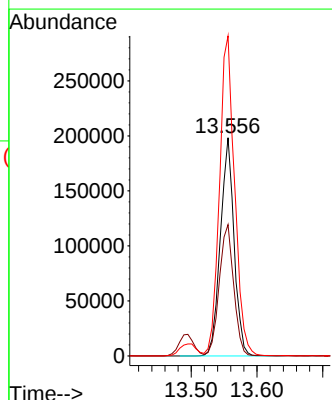
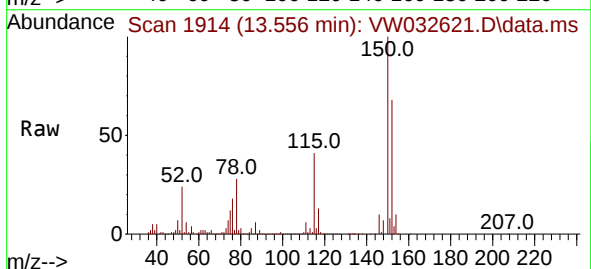
Tgt Ion:152 Resp: 287796

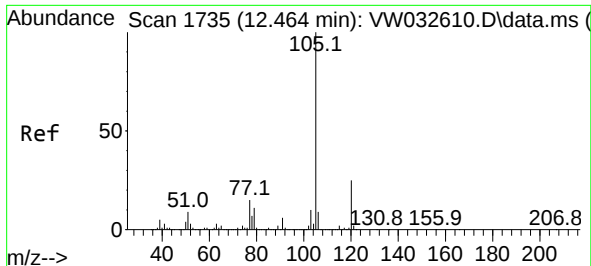
Ion Ratio Lower Upper

152 100

115 63.2 33.8 101.3

150 161.7 0.0 369.4

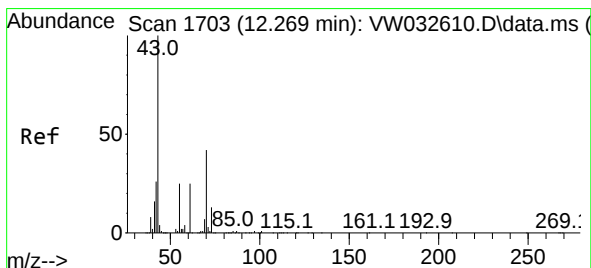
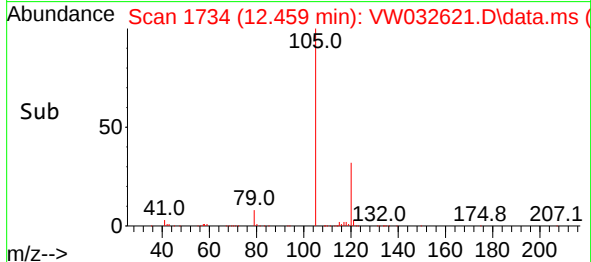
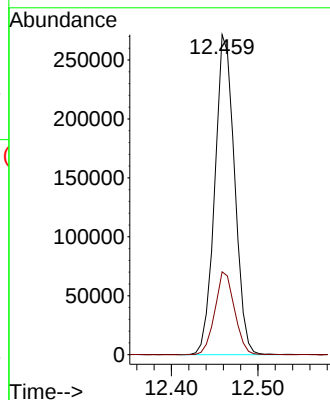
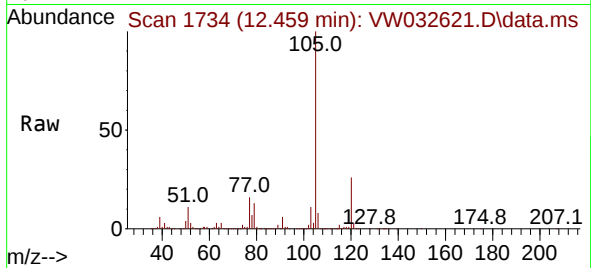




#73
Isopropylbenzene
Concen: 19.647 ug/l
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

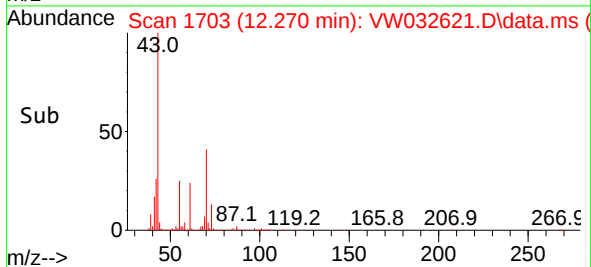
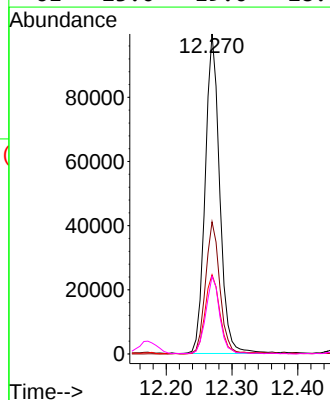
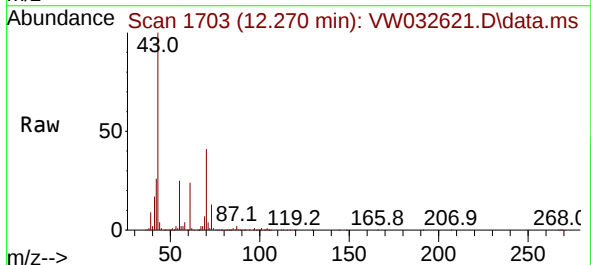
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

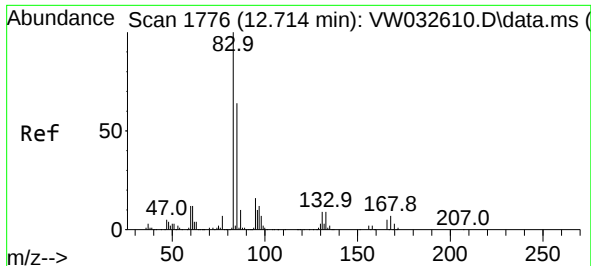
Tgt Ion:105 Resp: 430067
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 20.433 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 43 Resp: 153242
Ion Ratio Lower Upper
43 100
70 41.2 32.4 48.6
55 25.5 19.8 29.6
61 23.0 19.0 28.4

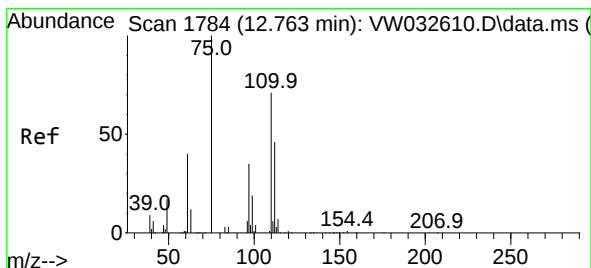
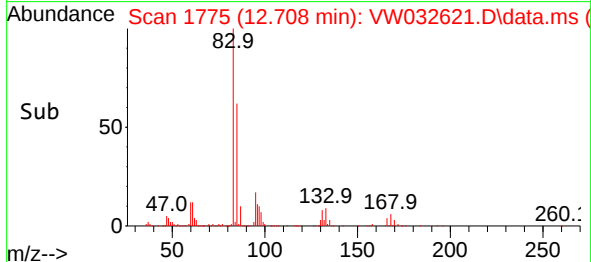
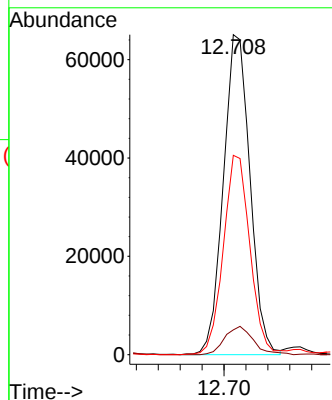
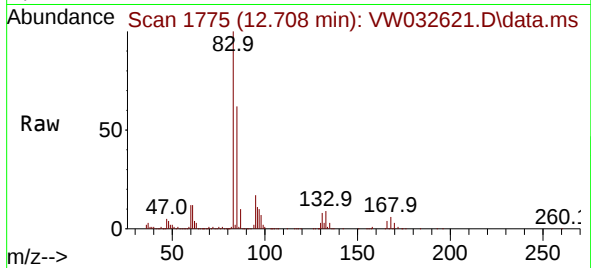




#75
1,1,2,2-Tetrachloroethane
Concen: 20.845 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

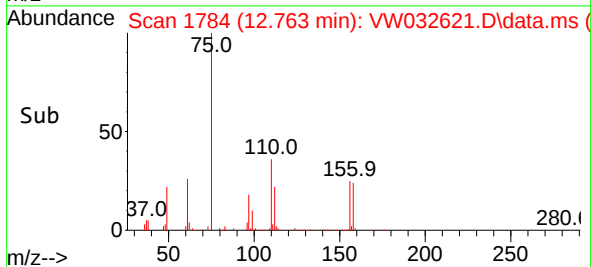
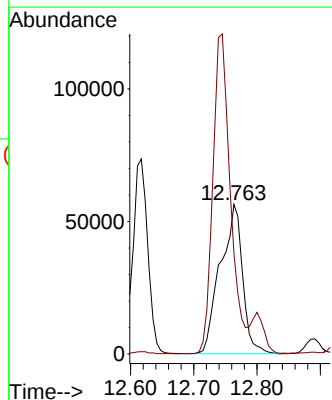
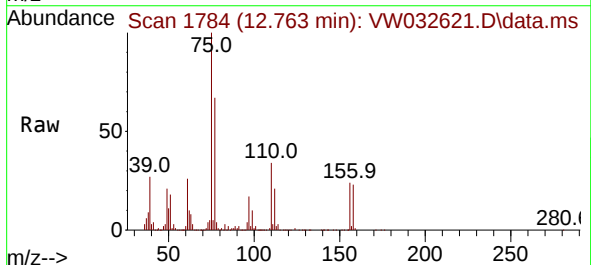
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

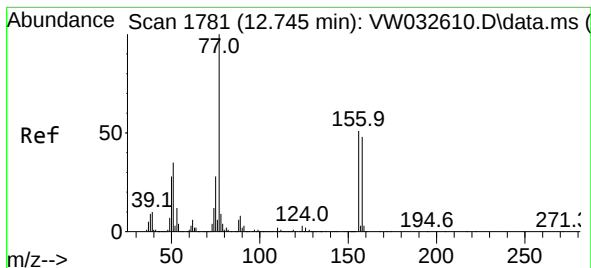
Tgt Ion: 83 Resp: 109851
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 62.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 35.693 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 75 Resp: 137842
Ion Ratio Lower Upper
75 100
77 167.8 154.0 462.0





#77

Bromobenzene

Concen: 19.575 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

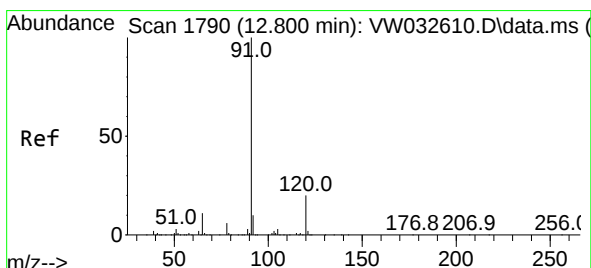
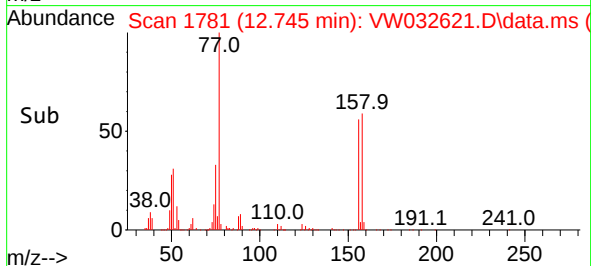
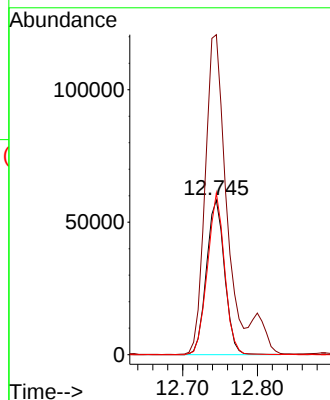
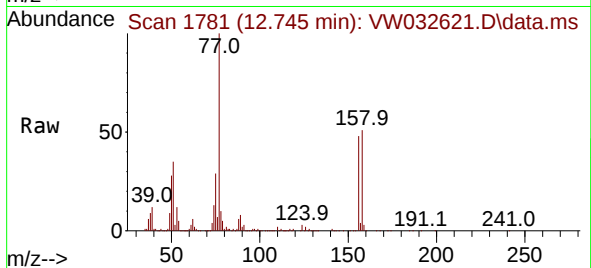
Tgt Ion:156 Resp: 98325

Ion Ratio Lower Upper

156 100

77 235.3 116.7 350.1

158 99.2 49.9 149.7



#78

n-propylbenzene

Concen: 20.117 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032621.D

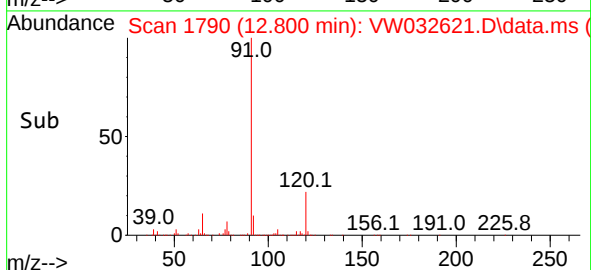
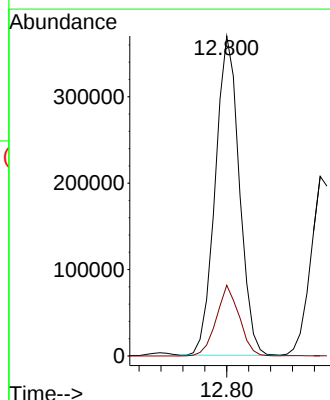
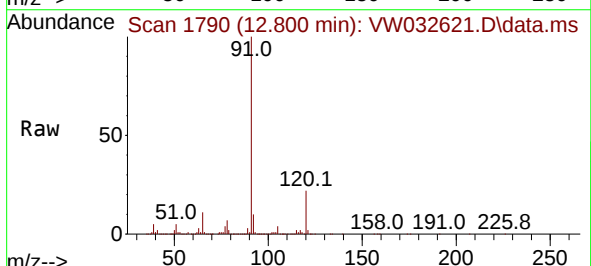
Acq: 11 Dec 2025 10:40

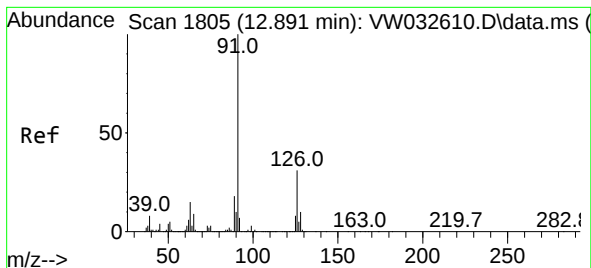
Tgt Ion: 91 Resp: 562501

Ion Ratio Lower Upper

91 100

120 21.1 10.9 32.6





#79

2-Chlorotoluene

Concen: 20.654 ug/l

RT: 12.885 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

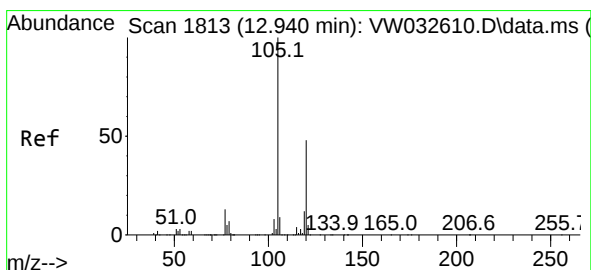
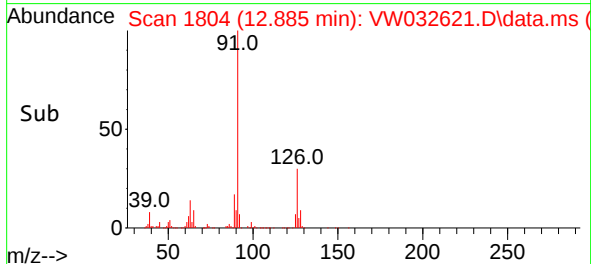
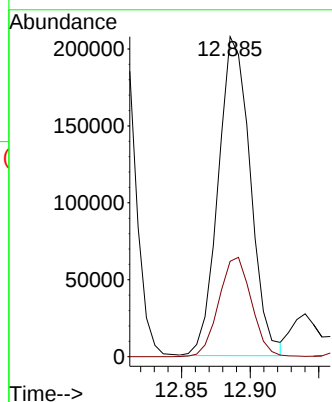
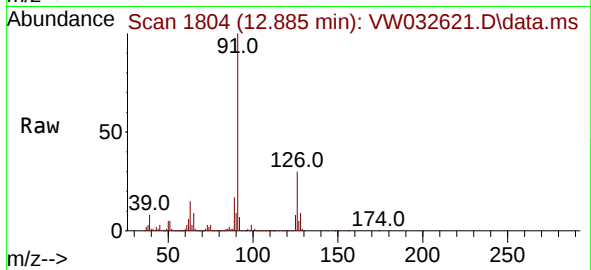
VW1211SBSD01

Tgt Ion: 91 Resp: 338998

Ion Ratio Lower Upper

91 100

126 31.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 20.191 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032621.D

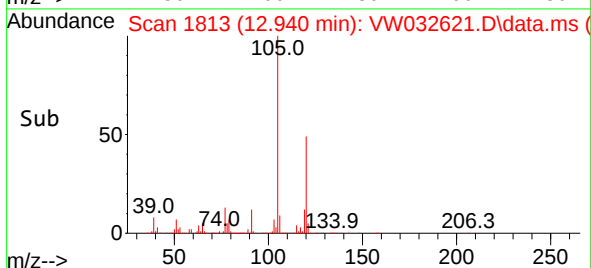
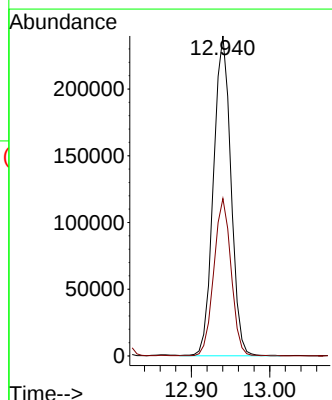
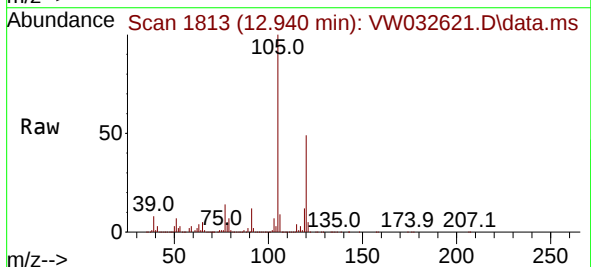
Acq: 11 Dec 2025 10:40

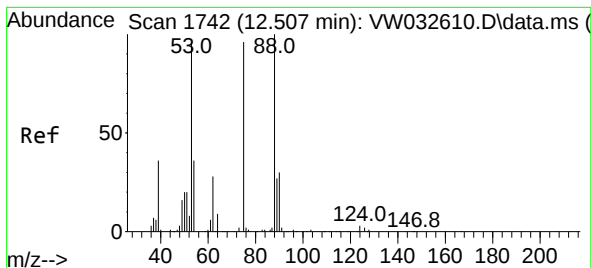
Tgt Ion:105 Resp: 371226

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8

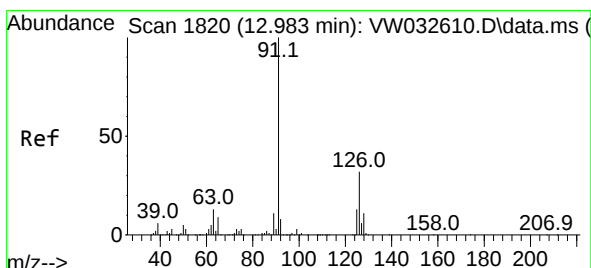
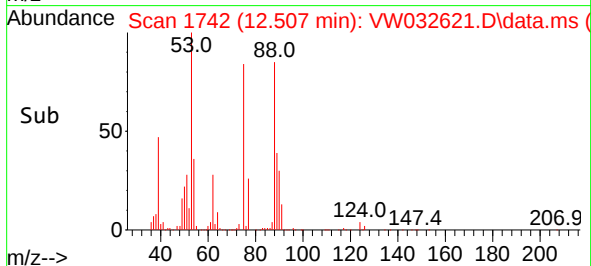
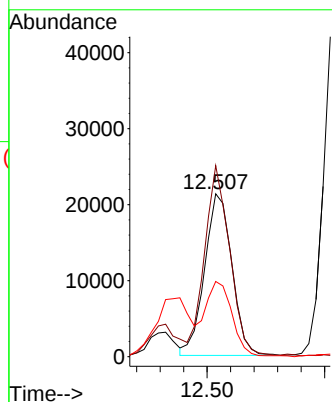
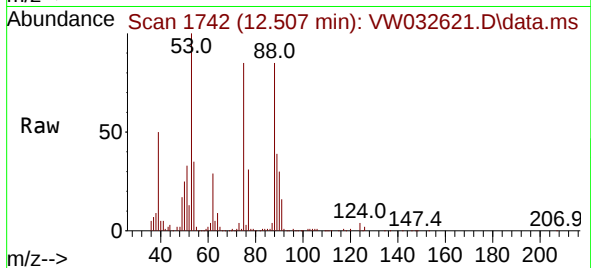




#81
trans-1,4-Dichloro-2-butene
Concen: 25.181 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

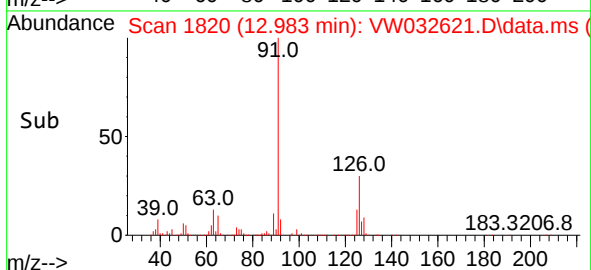
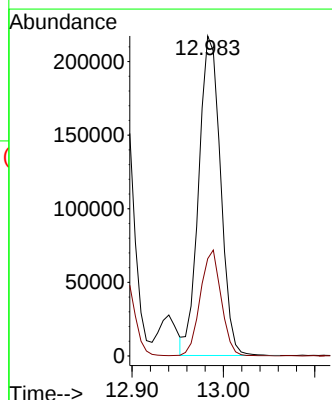
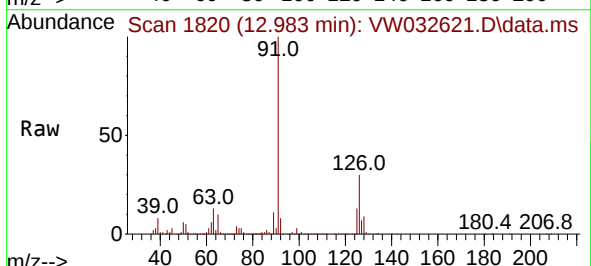
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

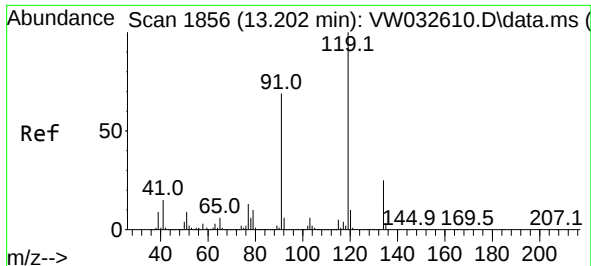
Tgt Ion: 75 Resp: 34356
Ion Ratio Lower Upper
75 100
53 107.3 86.1 129.1
89 46.5 37.4 56.2



#82
4-Chlorotoluene
Concen: 20.582 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 91 Resp: 358769
Ion Ratio Lower Upper
91 100
126 31.7 15.8 47.4

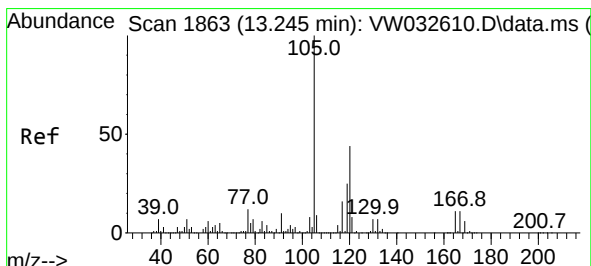
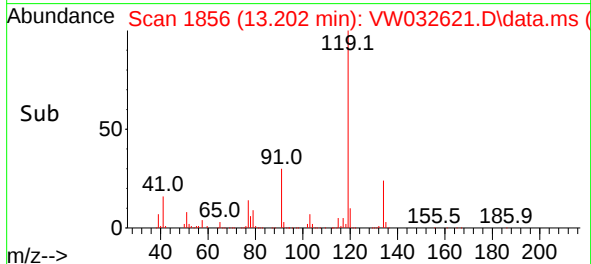
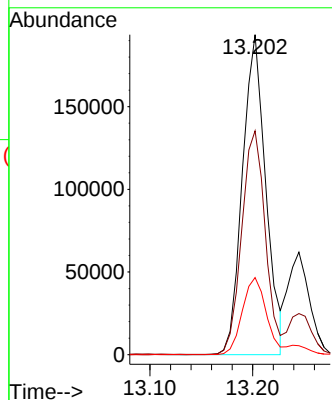
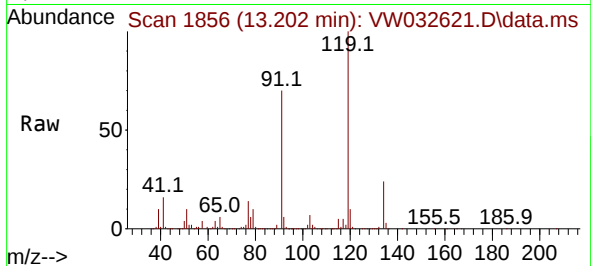




#83
tert-Butylbenzene
Concen: 19.477 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

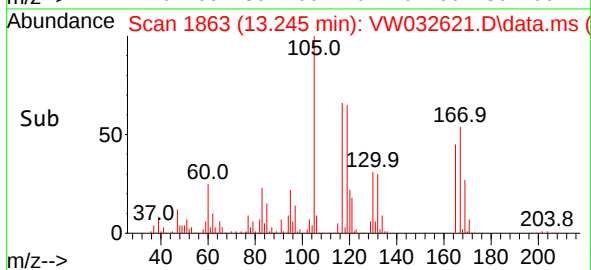
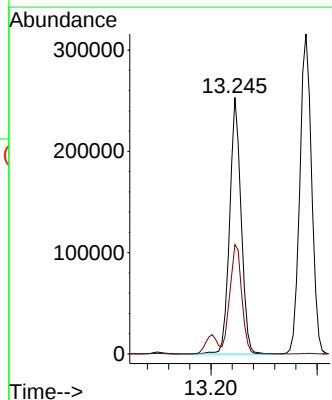
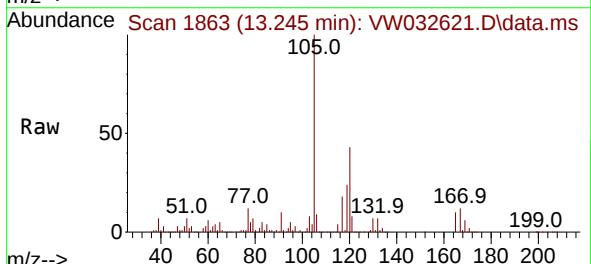
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

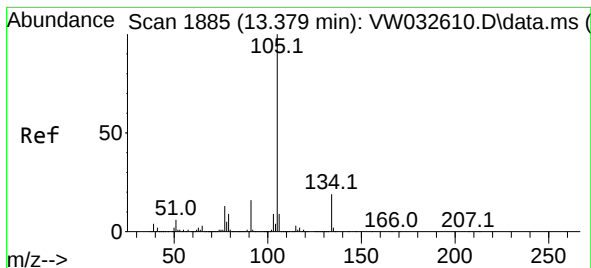
Tgt Ion:119 Resp: 305061
Ion Ratio Lower Upper
119 100
91 70.7 34.3 102.8
134 25.2 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 20.436 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion:105 Resp: 378941
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.180 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

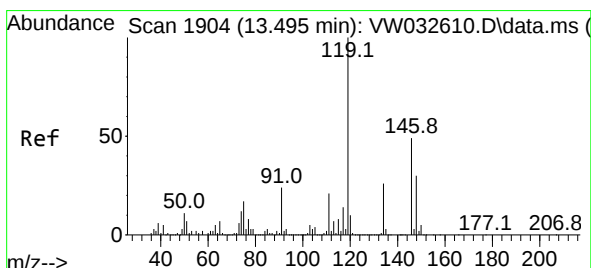
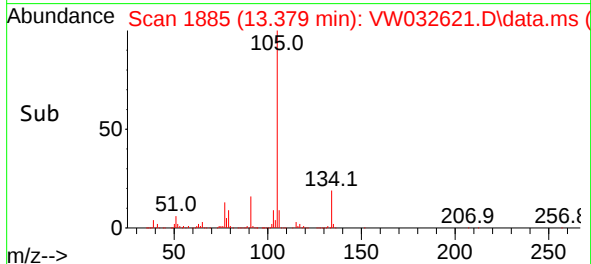
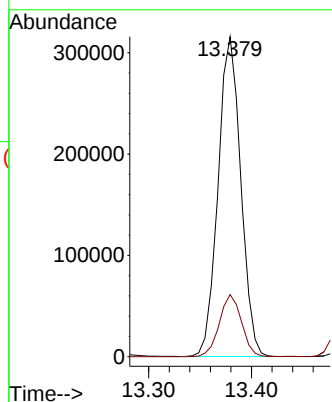
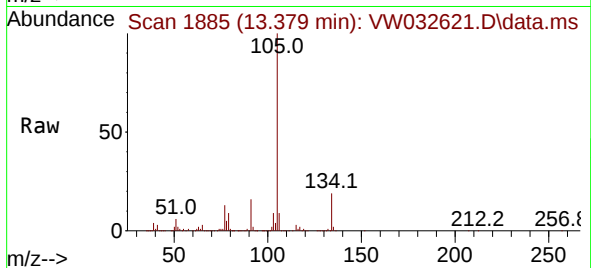
VW1211SBSD01

Tgt Ion:105 Resp: 483945

Ion Ratio Lower Upper

105 100

134 19.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.033 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

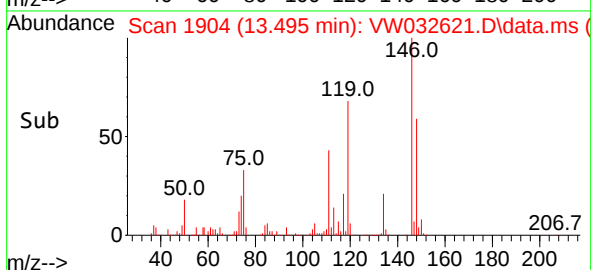
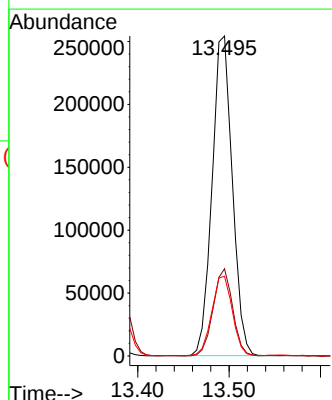
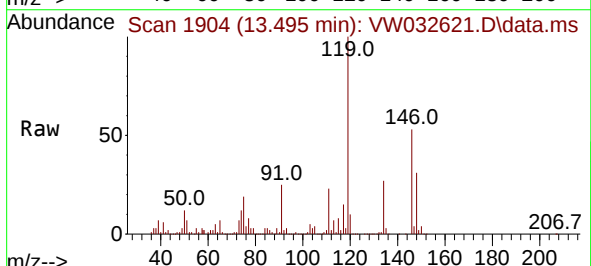
Tgt Ion:119 Resp: 390750

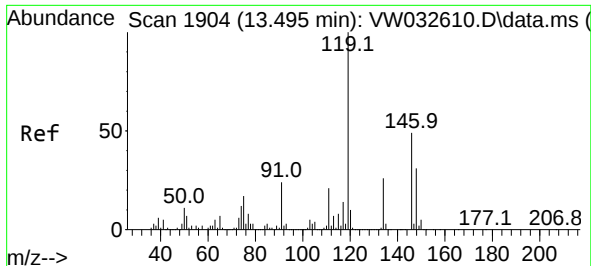
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 25.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.582 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

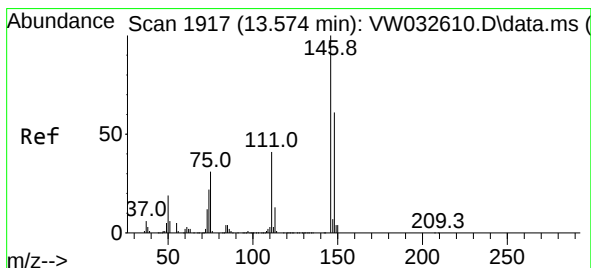
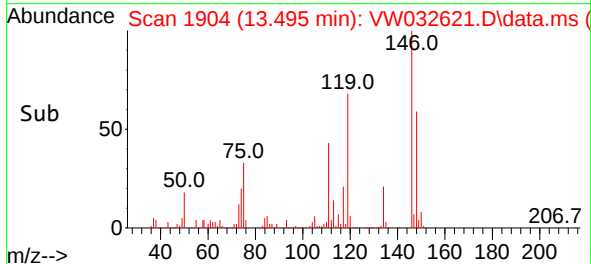
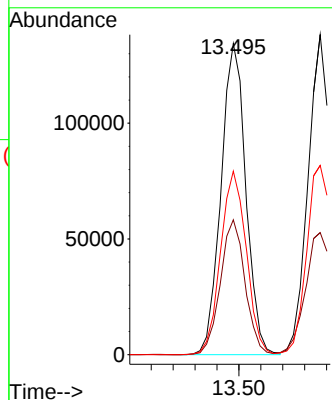
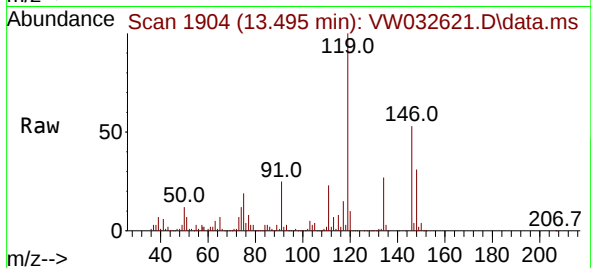
Tgt Ion:146 Resp: 211613

Ion Ratio Lower Upper

146 100

111 43.1 21.6 64.6

148 61.1 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 20.607 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

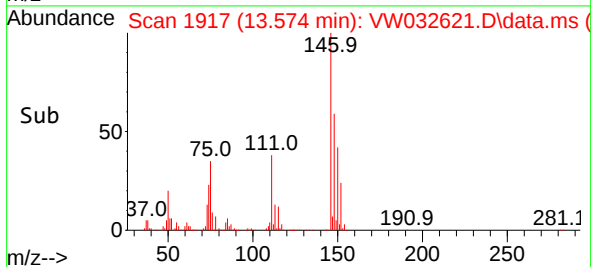
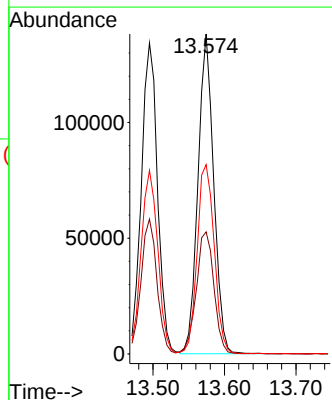
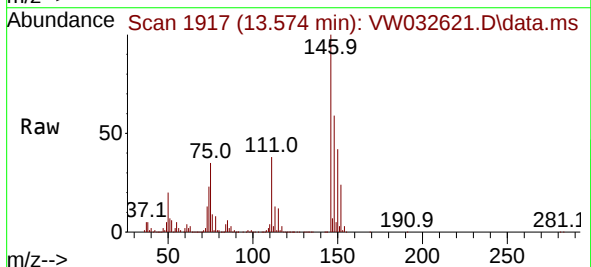
Tgt Ion:146 Resp: 210979

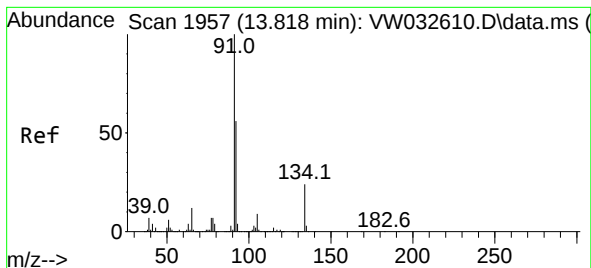
Ion Ratio Lower Upper

146 100

111 42.7 20.9 62.8

148 64.0 30.4 91.2





#89

n-Butylbenzene

Concen: 19.822 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

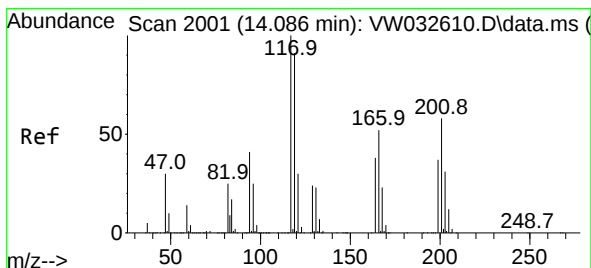
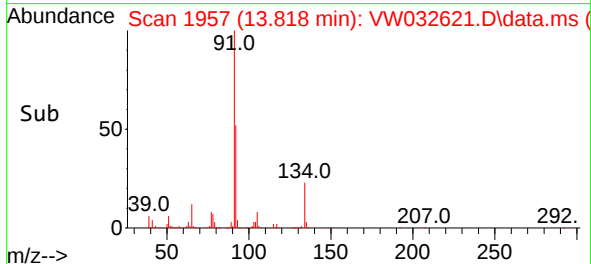
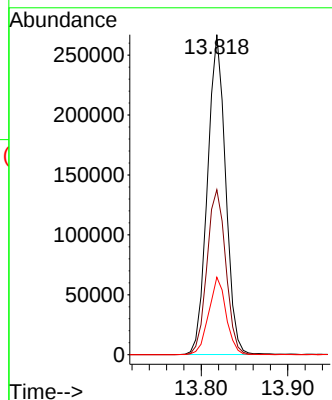
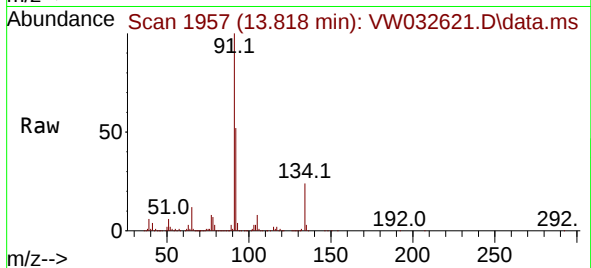
Tgt Ion: 91 Resp: 388454

Ion Ratio Lower Upper

91 100

92 53.5 27.4 82.0

134 23.3 11.8 35.4



#90

Hexachloroethane

Concen: 20.095 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032621.D

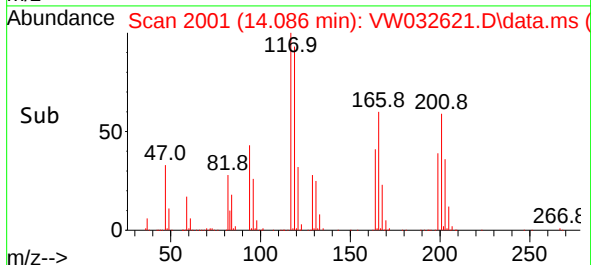
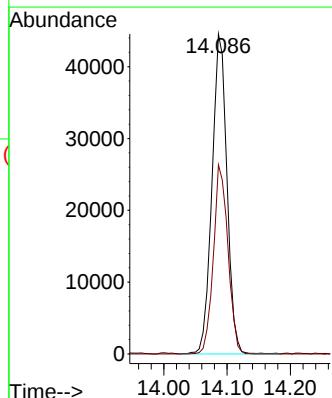
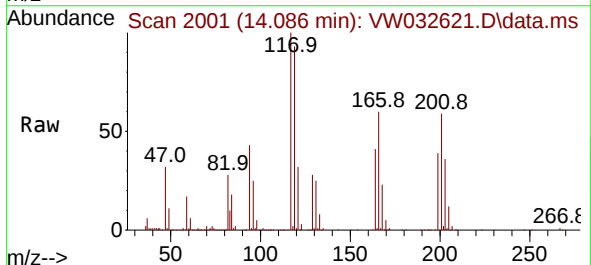
Acq: 11 Dec 2025 10:40

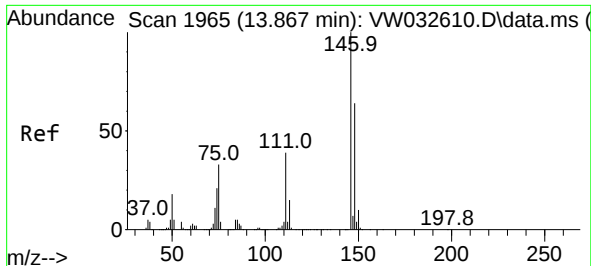
Tgt Ion: 117 Resp: 73206

Ion Ratio Lower Upper

117 100

201 57.3 30.4 91.2

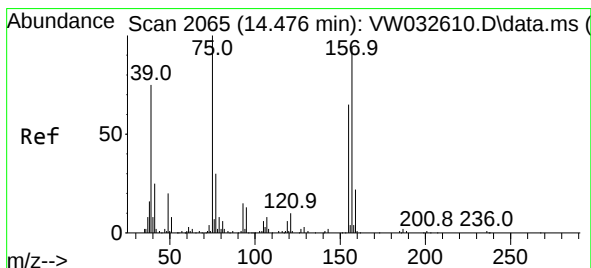
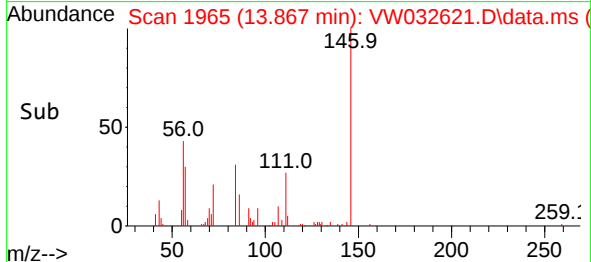
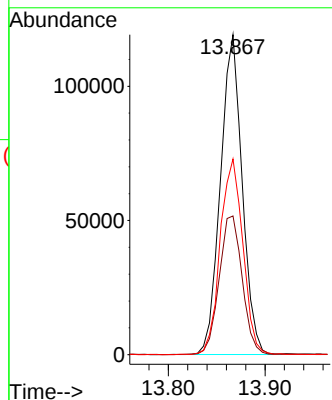
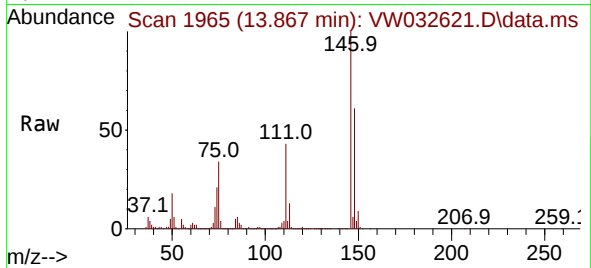




#91
1,2-Dichlorobenzene
Concen: 20.002 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

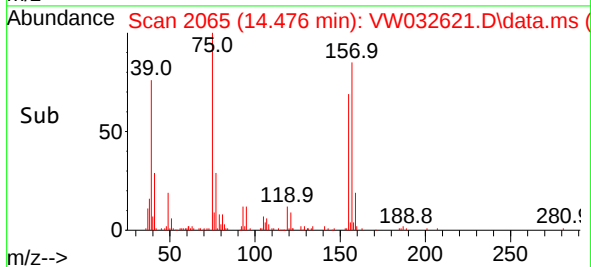
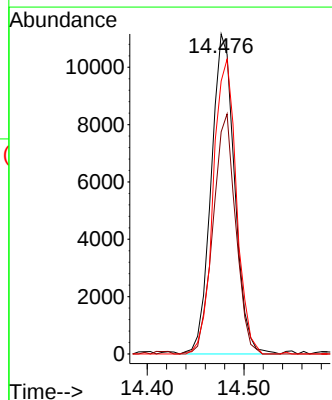
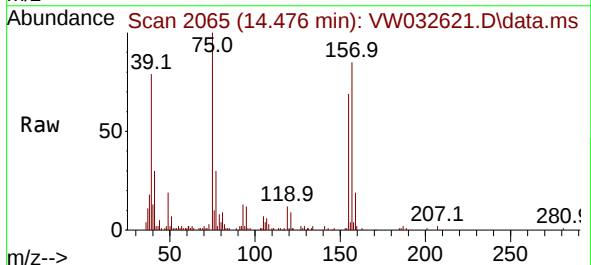
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

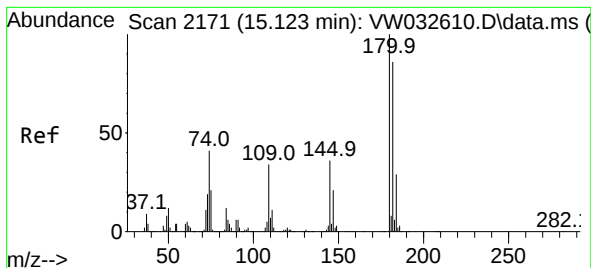
Tgt Ion:146 Resp: 185627
Ion Ratio Lower Upper
146 100
111 46.2 21.5 64.5
148 64.2 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.029 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032621.D
Acq: 11 Dec 2025 10:40

Tgt Ion: 75 Resp: 18747
Ion Ratio Lower Upper
75 100
155 72.4 35.3 105.9
157 90.9 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 19.707 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

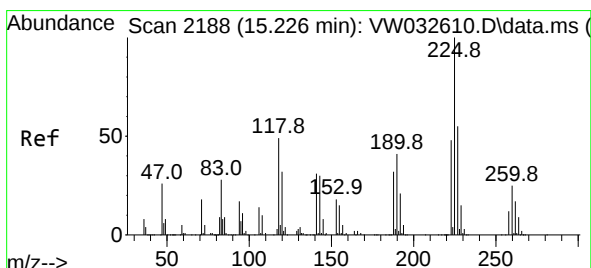
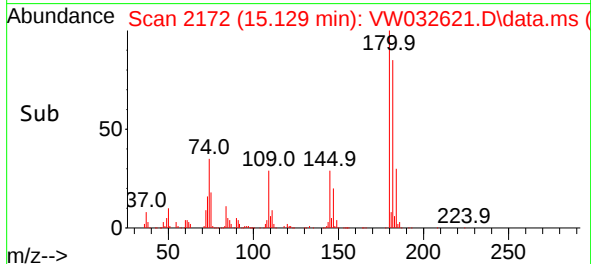
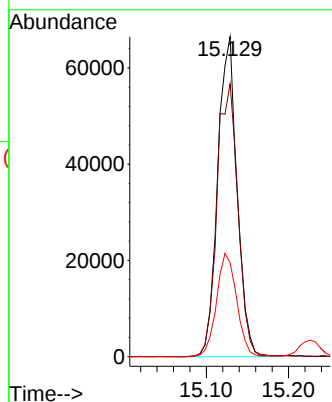
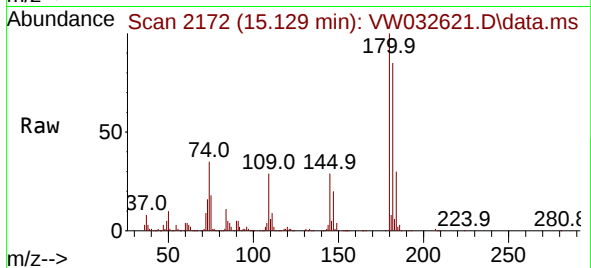
Tgt Ion:180 Resp: 108622

Ion Ratio Lower Upper

180 100

182 92.5 46.9 140.6

145 33.8 17.1 51.3



#94

Hexachlorobutadiene

Concen: 19.568 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032621.D

Acq: 11 Dec 2025 10:40

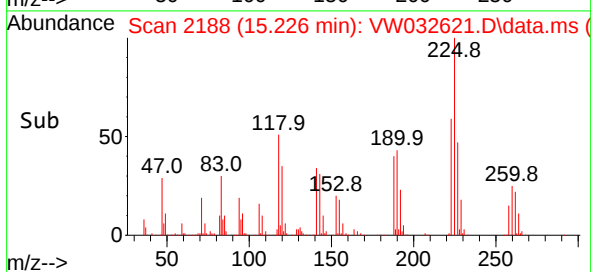
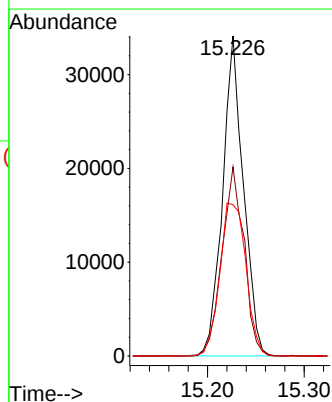
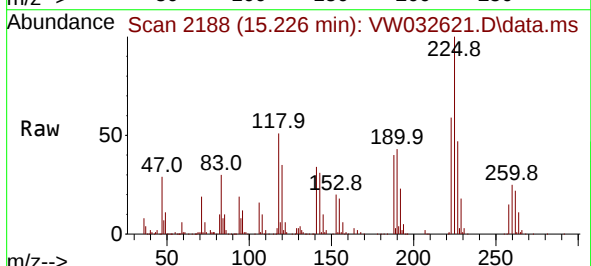
Tgt Ion:225 Resp: 50984

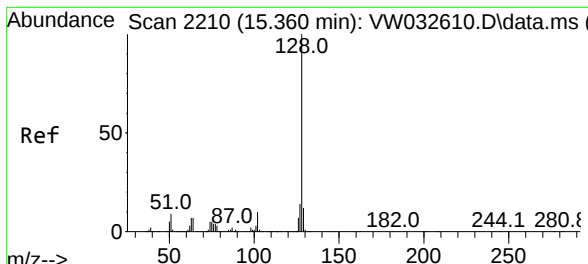
Ion Ratio Lower Upper

225 100

223 62.5 30.3 90.8

227 60.1 29.1 87.4



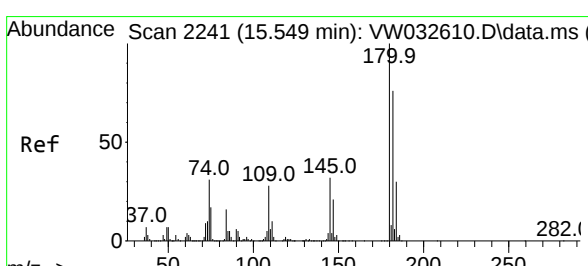
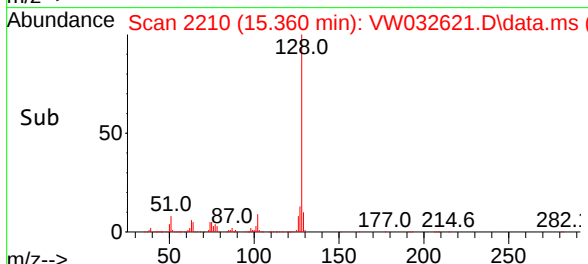
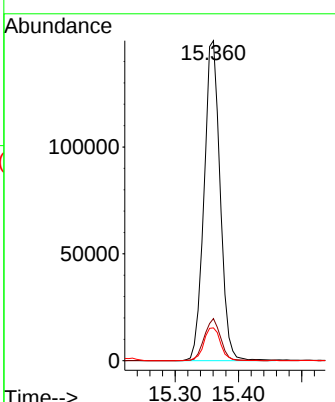
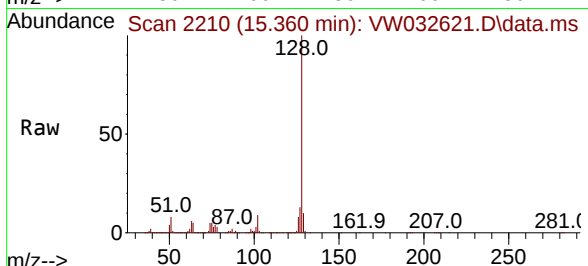


#95
 Naphthalene
 Concen: 26.673 ug/l
 RT: 15.360 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion:128 Resp: 264415

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.8	9.0	13.6



#96
 1,2,3-Trichlorobenzene
 Concen: 19.938 ug/l
 RT: 15.543 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: VW032621.D
 Acq: 11 Dec 2025 10:40

Tgt Ion:180 Resp: 103881

Ion	Ratio	Lower	Upper
180	100		
182	93.4	45.9	137.6
145	35.4	17.0	51.0

