

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032639.D
 Acq On : 11 Dec 2025 17:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 12 00:47:02 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	305571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	584312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	540719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	262704	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	257417	53.332	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 106.660%	
35) Dibromofluoromethane	7.898	113	205653	49.424	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.840%	
50) Toluene-d8	10.325	98	763868	50.939	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.617	95	286257	51.994	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.980%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	89598	47.219	ug/l	97
3) Chloromethane	2.253	50	149221	44.579	ug/l	100
4) Vinyl Chloride	2.405	62	189616	47.473	ug/l	96
5) Bromomethane	2.820	94	130190	48.939	ug/l	97
6) Chloroethane	2.972	64	126835	49.214	ug/l	93
7) Trichlorofluoromethane	3.308	101	163218	46.676	ug/l	95
8) Diethyl Ether	3.722	74	119651	51.101	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	170167	48.596	ug/l	98
10) Methyl Iodide	4.307	142	240342	49.290	ug/l	99
11) Tert butyl alcohol	5.210	59	82321	259.414	ug/l	100
12) 1,1-Dichloroethene	4.076	96	184784	49.814	ug/l	96
13) Acrolein	3.929	56	140681	263.361	ug/l	98
14) Allyl chloride	4.704	41	339345	49.210	ug/l	99
15) Acrylonitrile	5.405	53	367817	281.105	ug/l	100
16) Acetone	4.161	43	354841	221.659	ug/l	100
17) Carbon Disulfide	4.417	76	501495	46.517	ug/l	98
18) Methyl Acetate	4.710	43	178868	57.276	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	391023	53.093	ug/l	96
20) Methylene Chloride	4.954	84	227772	46.605	ug/l	97
21) trans-1,2-Dichloroethene	5.466	96	204841	50.561	ug/l	95
22) Diisopropyl ether	6.338	45	743040	53.215	ug/l	98
23) Vinyl Acetate	6.283	43	2561519	271.312	ug/l	100
24) 1,1-Dichloroethane	6.240	63	410057	51.351	ug/l	99
25) 2-Butanone	7.191	43	496775	264.099	ug/l	99
26) 2,2-Dichloropropane	7.185	77	207706	46.325	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	252095	53.293	ug/l	98
28) Bromochloromethane	7.532	49	175203	55.229	ug/l	99
29) Tetrahydrofuran	7.551	42	327800	290.276	ug/l	99
30) Chloroform	7.691	83	413987	52.558	ug/l	99
31) Cyclohexane	7.971	56	348351	47.329	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	285881	49.358	ug/l	99
36) 1,1-Dichloropropene	8.093	75	283050	47.052	ug/l	100
37) Ethyl Acetate	7.270	43	214101	51.958	ug/l	99
38) Carbon Tetrachloride	8.081	117	265307	47.680	ug/l	98
39) Methylcyclohexane	9.343	83	347791	45.971	ug/l	98
40) Benzene	8.337	78	888459	48.683	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	121521	55.175	ug/l	96
42) 1,2-Dichloroethane	8.410	62	289563	49.833	ug/l	100
43) Isopropyl Acetate	8.435	43	374717	51.277	ug/l	99
44) Trichloroethene	9.099	130	195978	47.030	ug/l	87
45) 1,2-Dichloropropane	9.374	63	230874	49.996	ug/l	96
46) Dibromomethane	9.465	93	139902	51.709	ug/l	99
47) Bromodichloromethane	9.648	83	319109	50.704	ug/l	97
48) Methyl methacrylate	9.441	41	176024	51.033	ug/l	100
49) 1,4-Dioxane	9.459	88	36999	1019.367	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	1102152	270.512	ug/l	100
52) Toluene	10.392	92	539243	48.025	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	305246	49.190	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	355944	49.743	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	187984	51.784	ug/l	97
56) Ethyl methacrylate	10.648	69	275384	52.546	ug/l	99
57) 1,3-Dichloropropane	10.934	76	336120	51.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	773461	390.679	ug/l	99
59) 2-Hexanone	10.971	43	783310	265.451	ug/l	99
60) Dibromochloromethane	11.129	129	205327	50.780	ug/l	94
61) 1,2-Dibromoethane	11.239	107	179345	51.091	ug/l	96
64) Tetrachloroethene	10.861	164	167516	48.319	ug/l	98
65) Chlorobenzene	11.654	112	601105	48.684	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	194440	50.429	ug/l	95
67) Ethyl Benzene	11.727	91	1033091	48.415	ug/l	97
68) m/p-Xylenes	11.837	106	794062	96.965	ug/l	99
69) o-Xylene	12.166	106	376640	49.868	ug/l	98
70) Styrene	12.178	104	675224	51.281	ug/l	99
71) Bromoform	12.349	173	117605	52.530	ug/l #	28
73) Isopropylbenzene	12.458	105	949009	47.495	ug/l	99
74) N-amyl acetate	12.269	43	341356	49.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	243439	50.606	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	307427	87.209	ug/l #	1
77) Bromobenzene	12.745	156	220149	48.014	ug/l	97
78) n-propylbenzene	12.800	91	1205718	47.240	ug/l	99
79) 2-Chlorotoluene	12.891	91	714512	47.692	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	796325	47.448	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	77449	55.414	ug/l	97
82) 4-Chlorotoluene	12.983	91	754443	47.415	ug/l	99
83) tert-Butylbenzene	13.202	119	673996	47.142	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	803683	47.482	ug/l	99
85) sec-Butylbenzene	13.379	105	994520	45.432	ug/l	99
86) p-Isopropyltoluene	13.495	119	826036	46.395	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	458384	48.843	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	441335	47.225	ug/l	95
89) n-Butylbenzene	13.818	91	812919	45.445	ug/l	100
90) Hexachloroethane	14.086	117	153349	46.114	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	403587	47.643	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	39240	45.928	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	240407	47.782	ug/l	96
94) Hexachlorobutadiene	15.226	225	91457	38.454	ug/l	89
95) Naphthalene	15.360	128	594590	57.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	220112	46.282	ug/l	99

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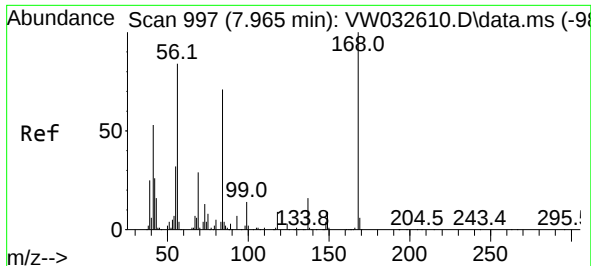
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

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

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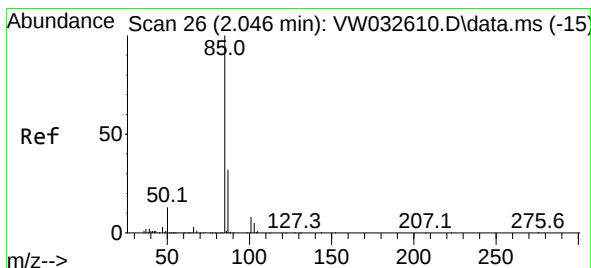
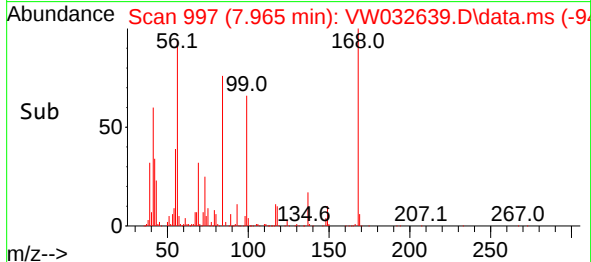
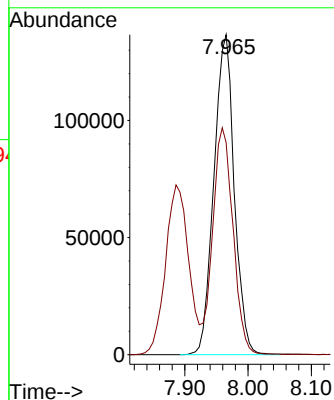
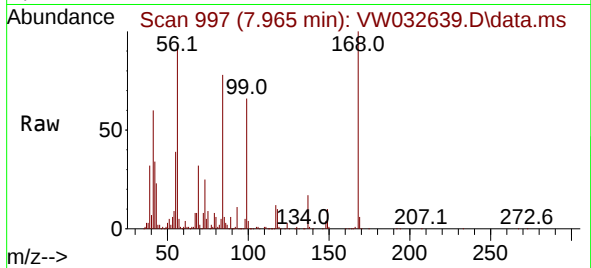




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

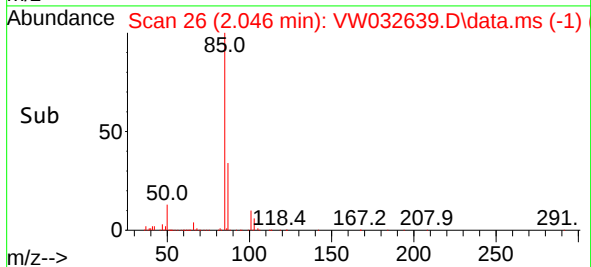
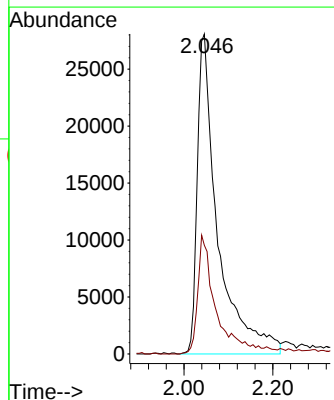
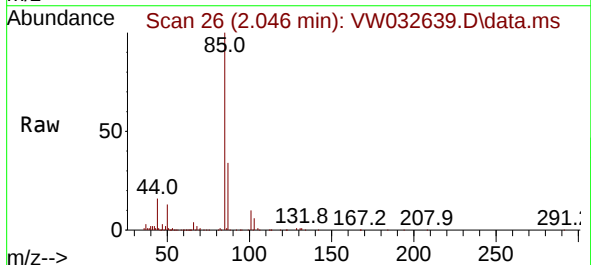
Instrument :
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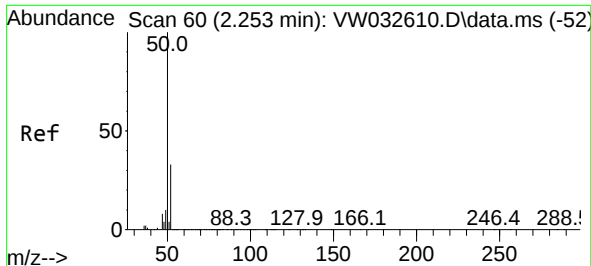
Tgt Ion:168 Resp: 305571
Ion Ratio Lower Upper
168 100
99 66.2 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 47.219 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 85 Resp: 89598
Ion Ratio Lower Upper
85 100
87 34.0 16.1 48.3

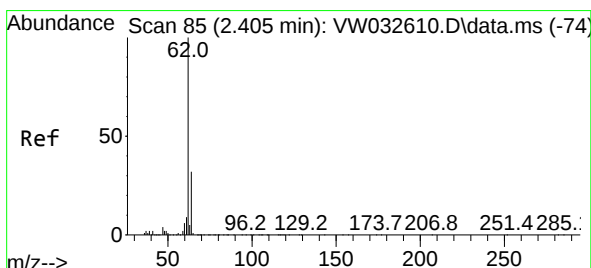
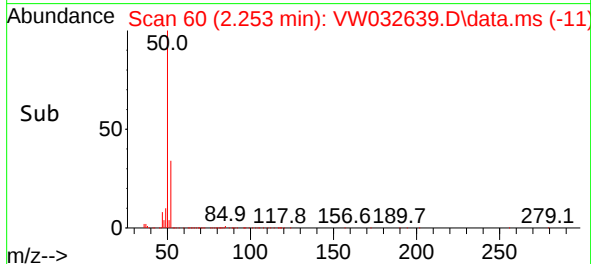
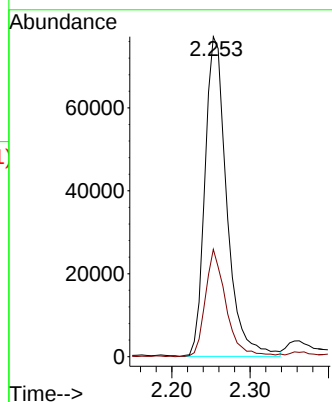
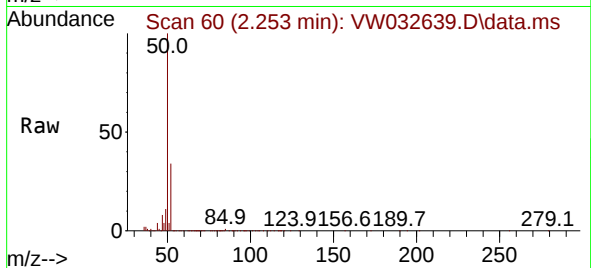




#3
Chloromethane
Concen: 44.579 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

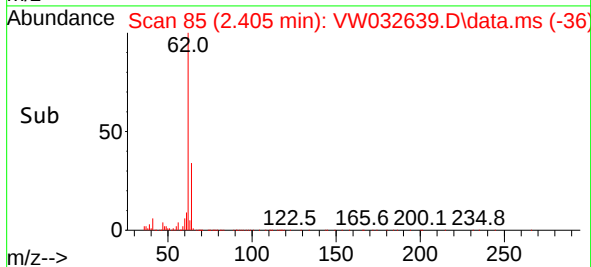
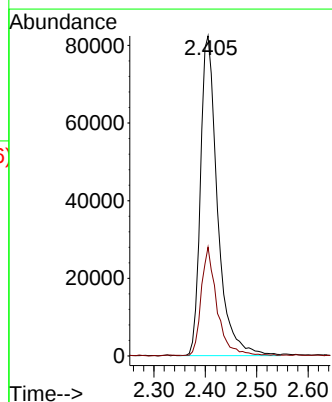
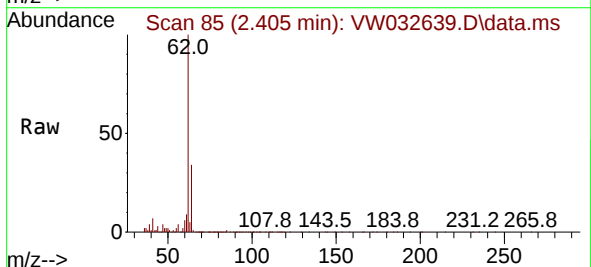
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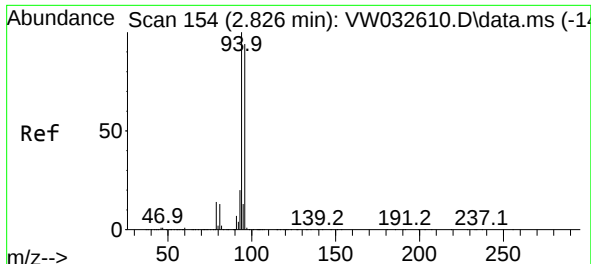
Tgt Ion: 50 Resp: 149221
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 47.473 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 62 Resp: 189616
Ion Ratio Lower Upper
62 100
64 33.8 25.3 37.9

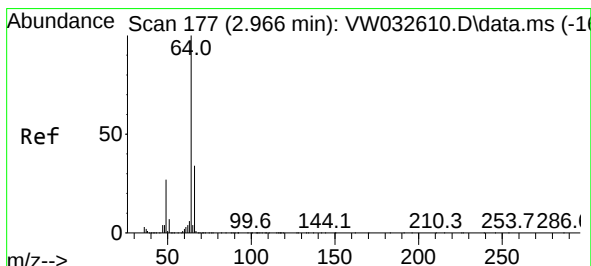
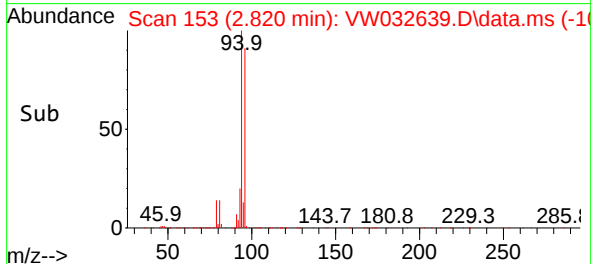
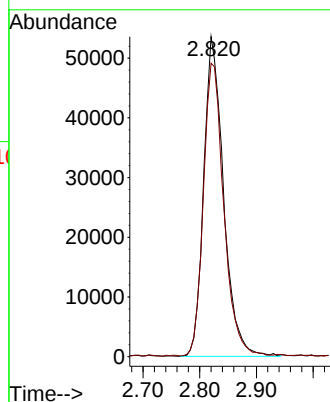
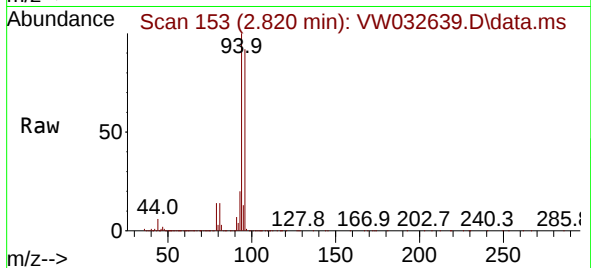




#5
Bromomethane
Concen: 48.939 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

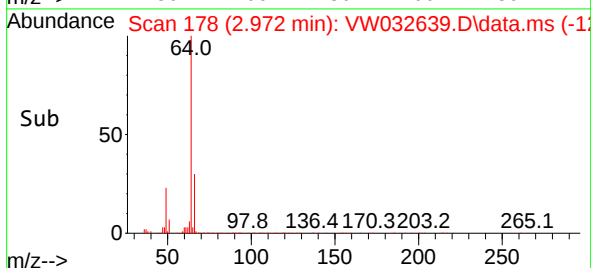
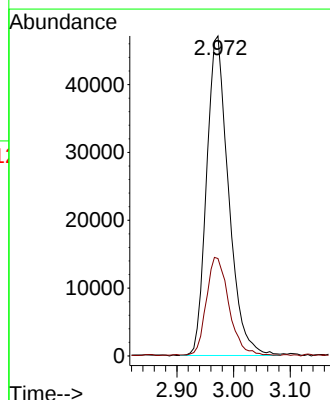
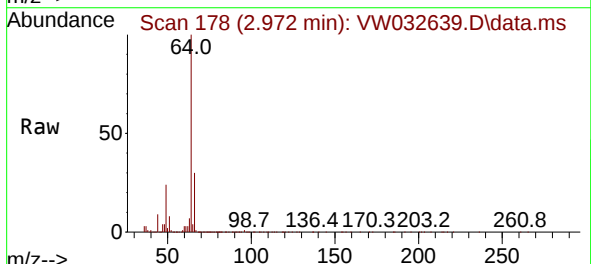
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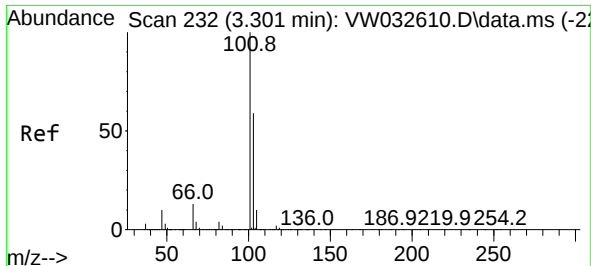
Tgt Ion: 94 Resp: 130190
Ion Ratio Lower Upper
94 100
96 91.5 75.4 113.2



#6
Chloroethane
Concen: 49.214 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 64 Resp: 126835
Ion Ratio Lower Upper
64 100
66 30.3 27.3 40.9

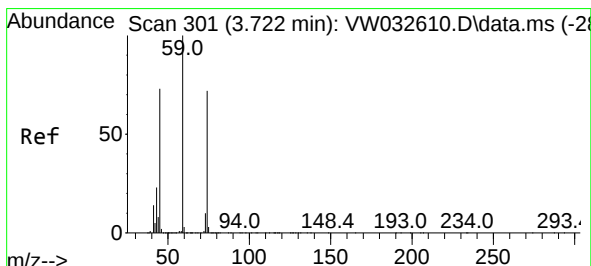
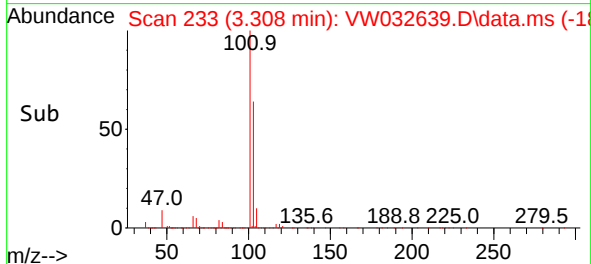
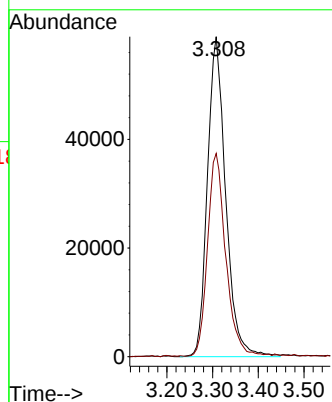
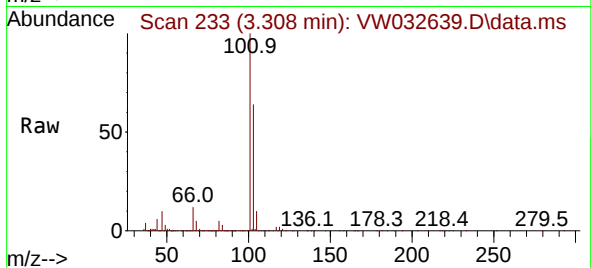




#7
 Trichlorofluoromethane
 Concen: 46.676 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

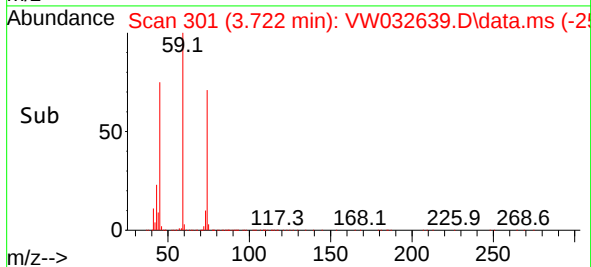
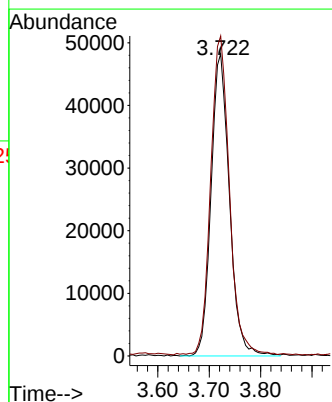
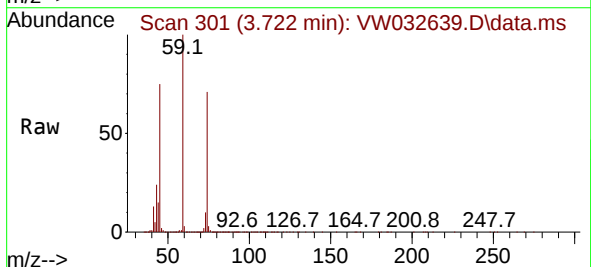
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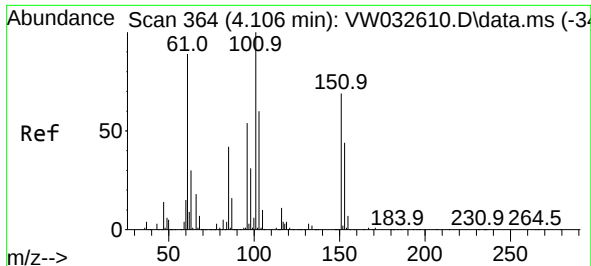
Tgt Ion:101 Resp: 163218
 Ion Ratio Lower Upper
 101 100
 103 63.2 47.3 70.9



#8
 Diethyl Ether
 Concen: 51.101 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032639.D
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Tgt Ion: 74 Resp: 119651
 Ion Ratio Lower Upper
 74 100
 45 106.7 52.4 157.2

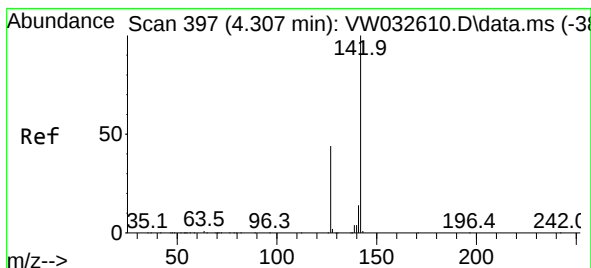
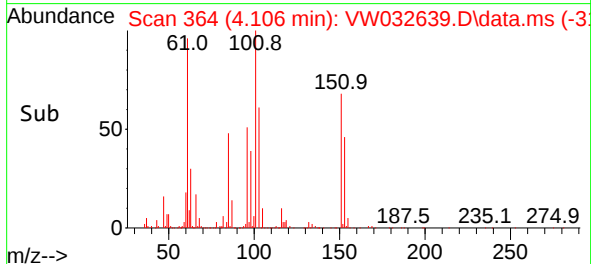
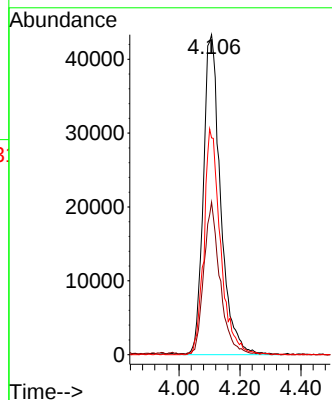
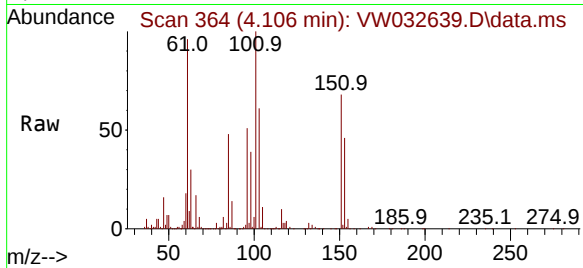




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.596 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

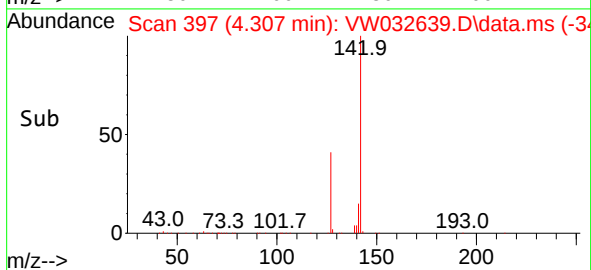
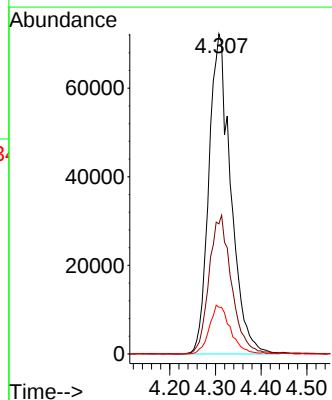
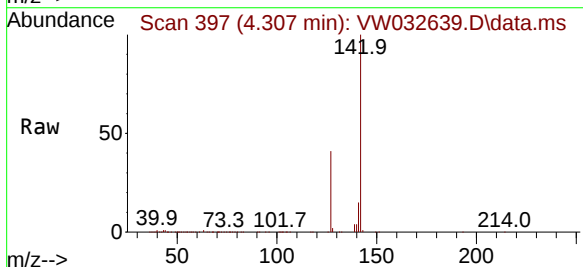
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

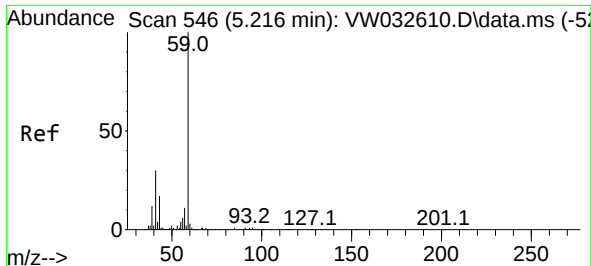
Tgt Ion:101 Resp: 170167
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.2
151 67.7 56.7 85.1



#10
Methyl Iodide
Concen: 49.290 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion:142 Resp: 240342
Ion Ratio Lower Upper
142 100
127 44.4 36.0 54.0
141 14.8 11.6 17.4

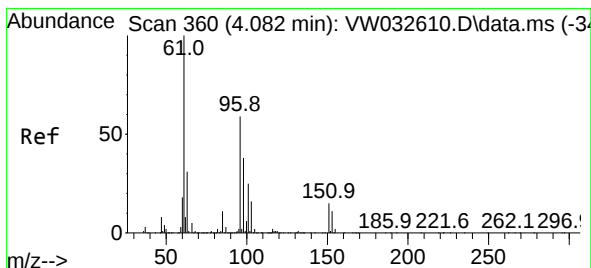
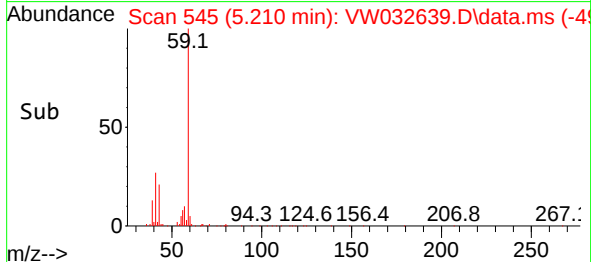
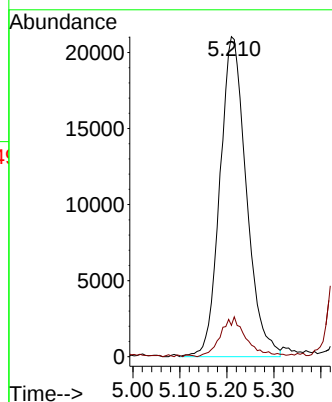
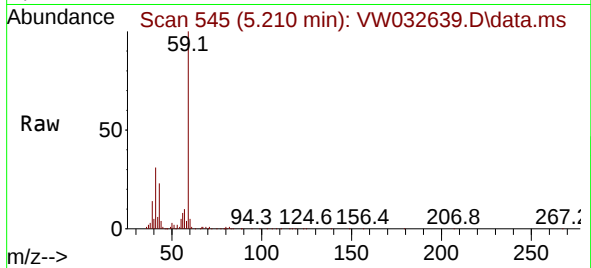




#11
Tert butyl alcohol
Concen: 259.414 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

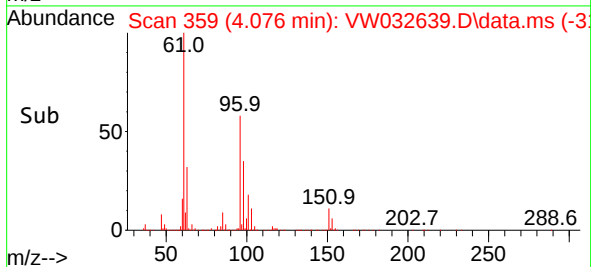
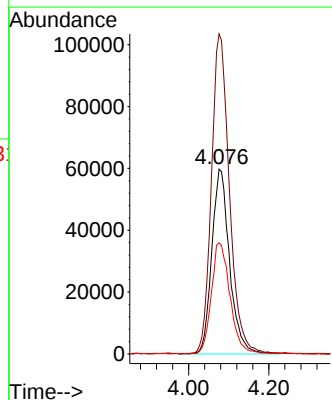
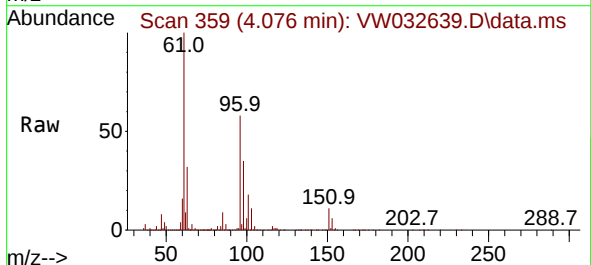
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

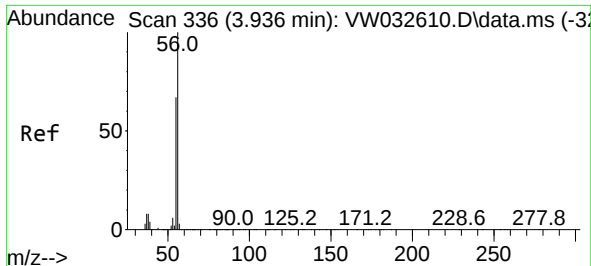
Tgt Ion: 59 Resp: 82321
Ion Ratio Lower Upper
59 100
57 11.8 9.4 14.0



#12
1,1-Dichloroethene
Concen: 49.814 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 96 Resp: 184784
Ion Ratio Lower Upper
96 100
61 173.2 134.6 202.0
98 59.9 51.1 76.7

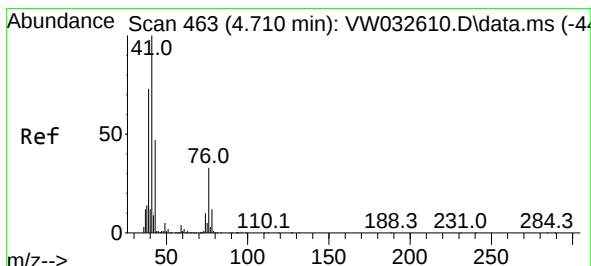
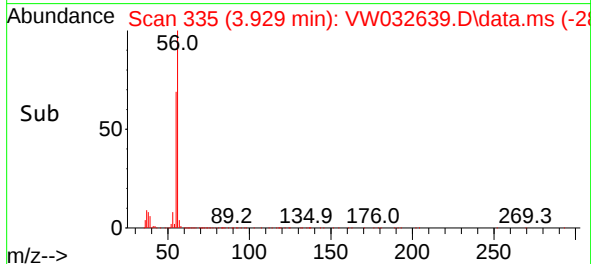
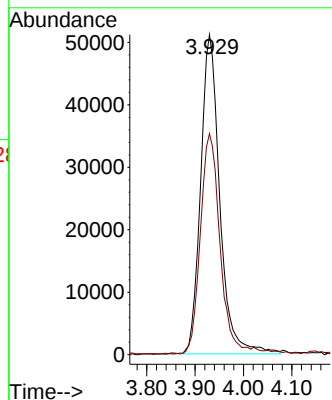
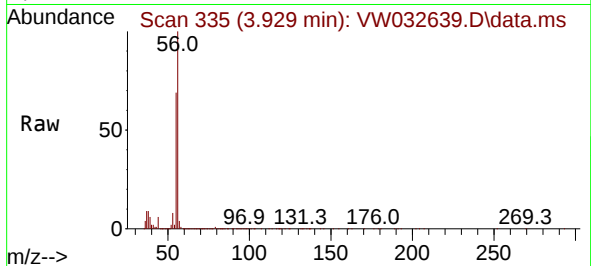




#13
Acrolein
Concen: 263.361 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

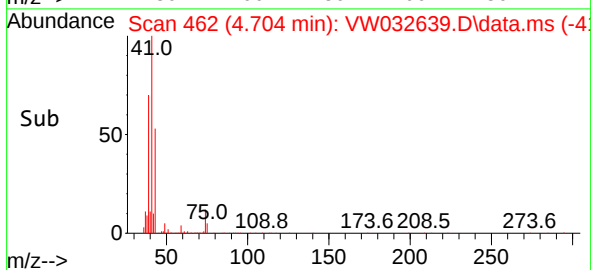
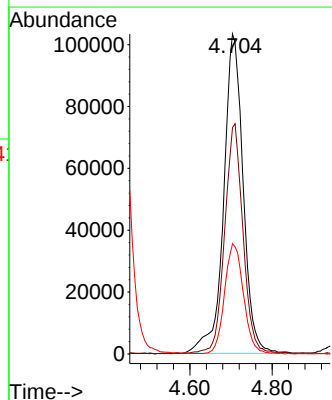
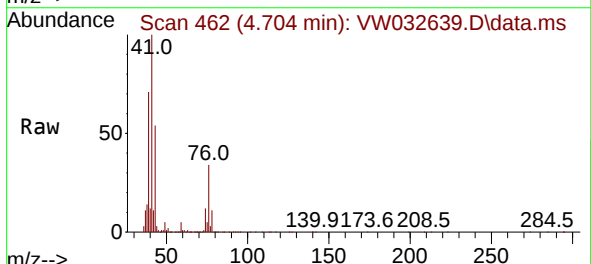
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

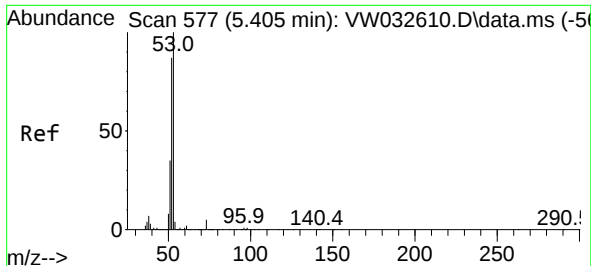
Tgt Ion: 56 Resp: 140681
Ion Ratio Lower Upper
56 100
55 71.7 56.0 84.0



#14
Allyl chloride
Concen: 49.210 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 41 Resp: 339345
Ion Ratio Lower Upper
41 100
39 67.7 54.2 81.2
76 33.8 26.3 39.5

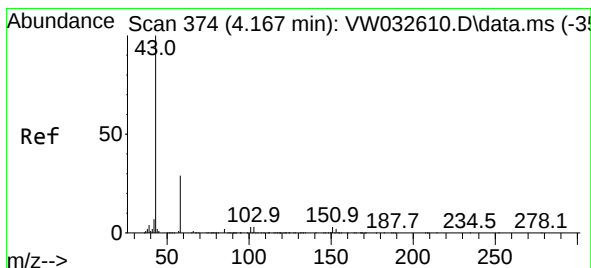
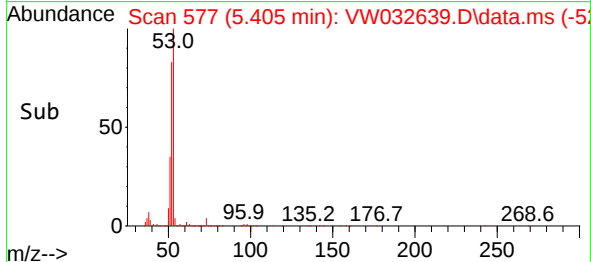
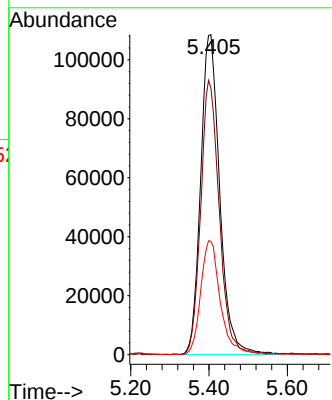
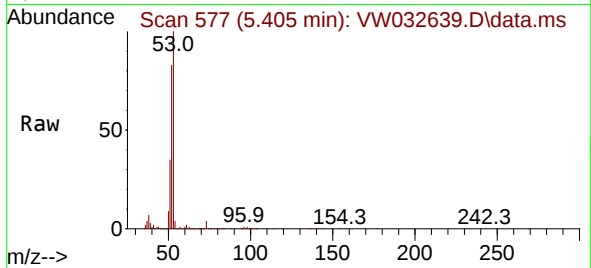




#15
Acrylonitrile
Concen: 281.105 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

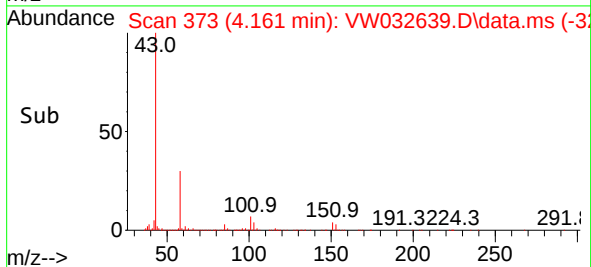
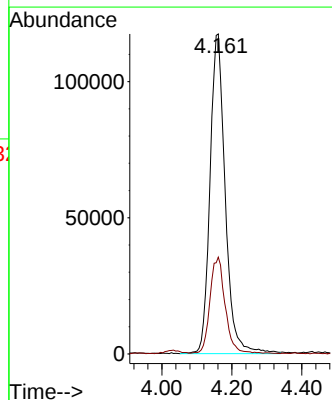
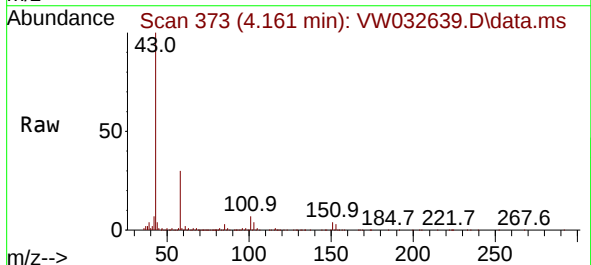
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

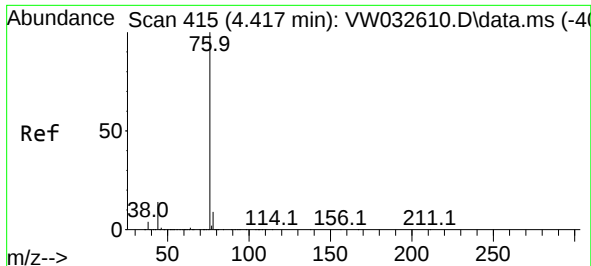
Tgt Ion: 53 Resp: 367817
Ion Ratio Lower Upper
53 100
52 83.2 66.7 100.1
51 36.6 29.8 44.6



#16
Acetone
Concen: 221.659 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 43 Resp: 354841
Ion Ratio Lower Upper
43 100
58 30.1 23.9 35.9

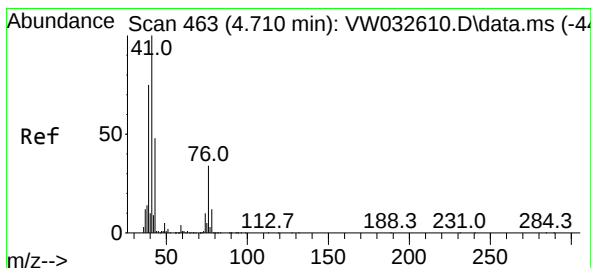
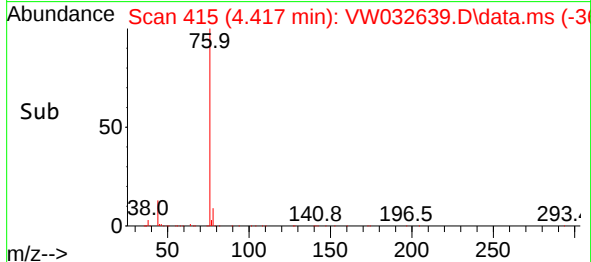
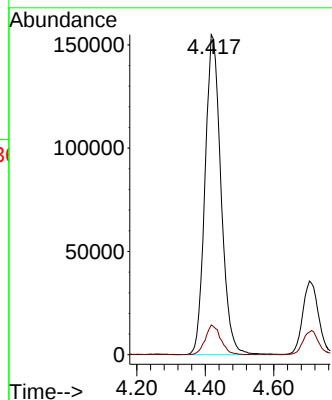
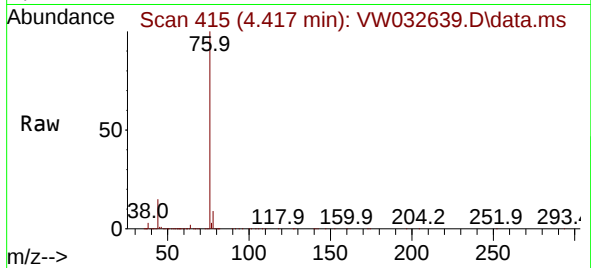




#17
Carbon Disulfide
Concen: 46.517 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

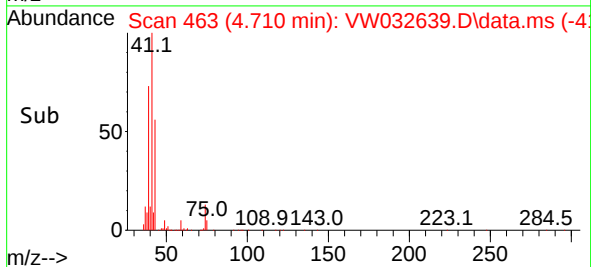
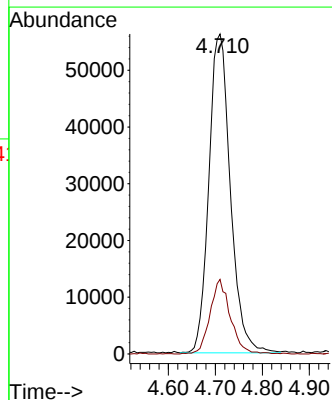
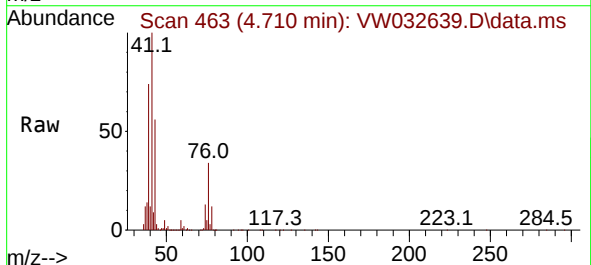
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

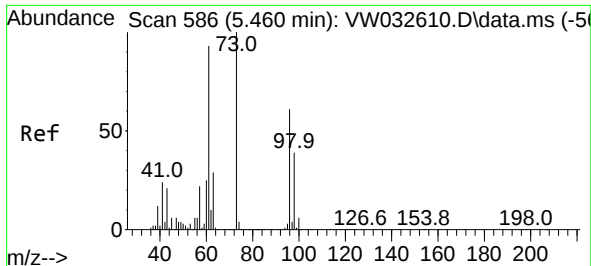
Tgt Ion: 76 Resp: 501495
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 57.276 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 43 Resp: 178868
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4

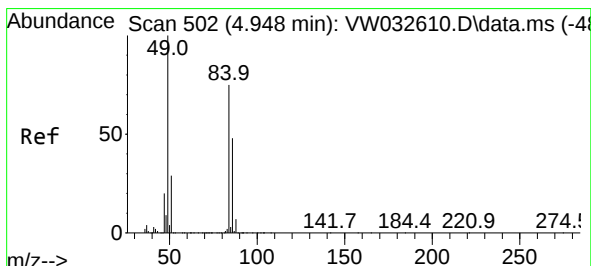
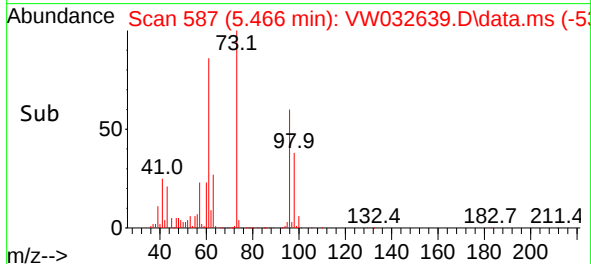
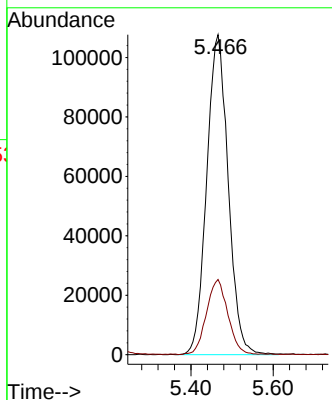
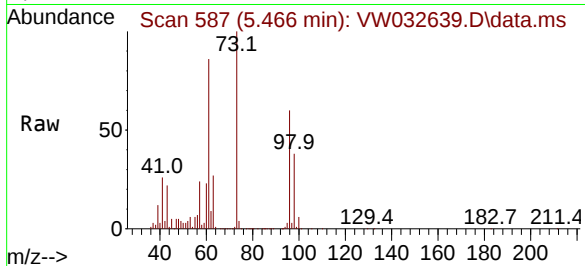




#19
Methyl tert-butyl Ether
Concen: 53.093 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

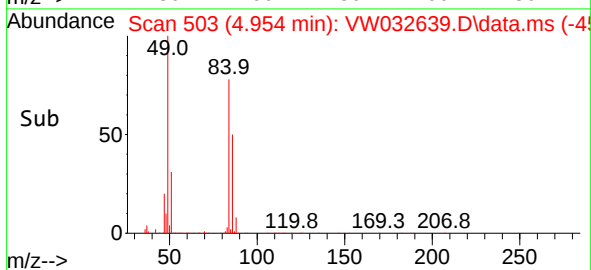
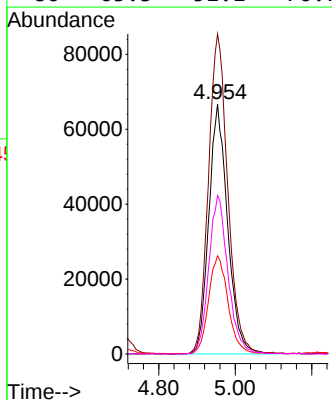
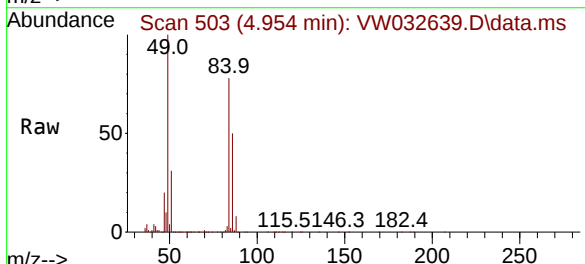
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

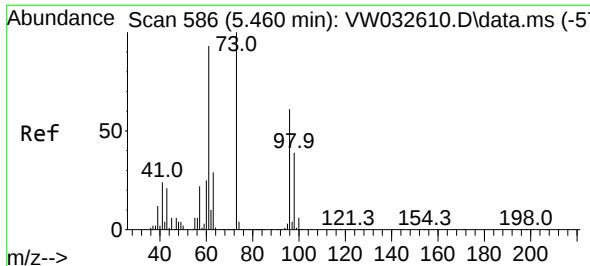
Tgt Ion: 73 Resp: 391023
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9



#20
Methylene Chloride
Concen: 46.605 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 84 Resp: 227772
Ion Ratio Lower Upper
84 100
49 127.8 106.9 160.3
51 39.0 31.4 47.2
86 63.3 51.1 76.7

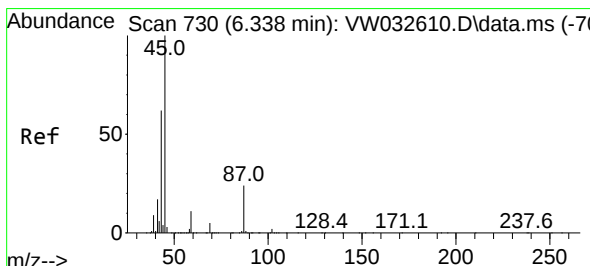
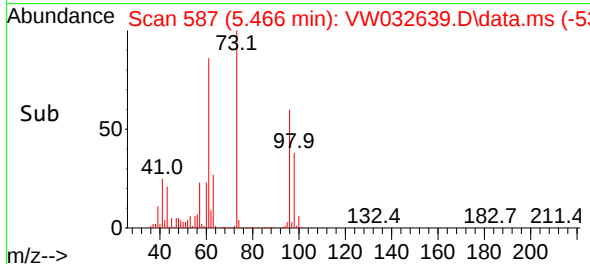
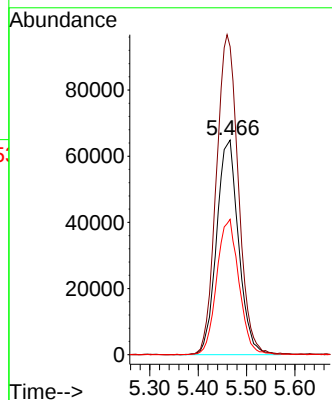
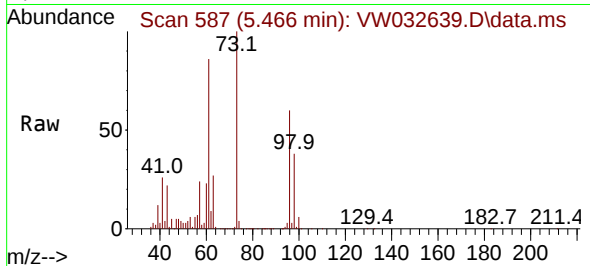




#21
trans-1,2-Dichloroethene
Concen: 50.561 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

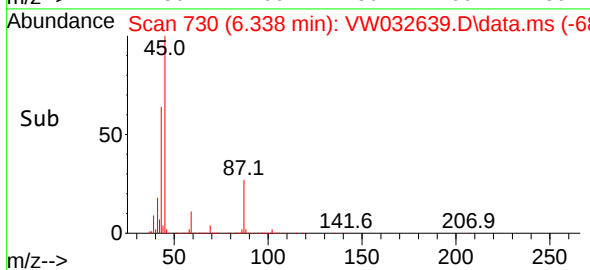
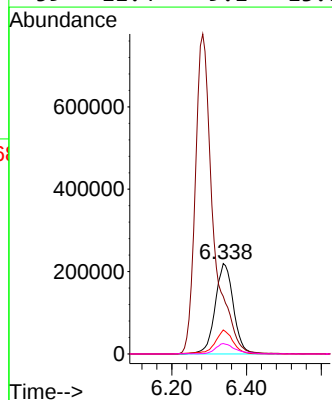
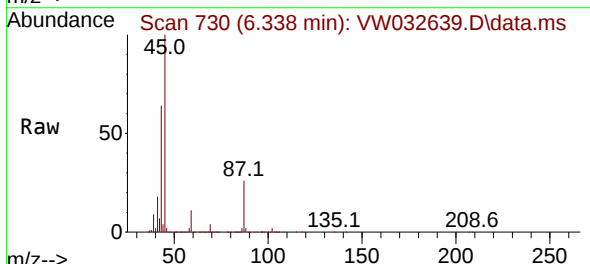
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

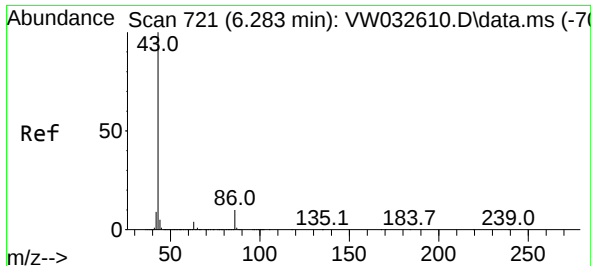
Tgt Ion: 96 Resp: 204841
Ion Ratio Lower Upper
96 100
61 143.6 121.7 182.5
98 63.1 50.6 76.0



#22
Diisopropyl ether
Concen: 53.215 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 45 Resp: 743040
Ion Ratio Lower Upper
45 100
43 63.2 49.1 73.7
87 26.4 19.7 29.5
59 11.4 9.1 13.7

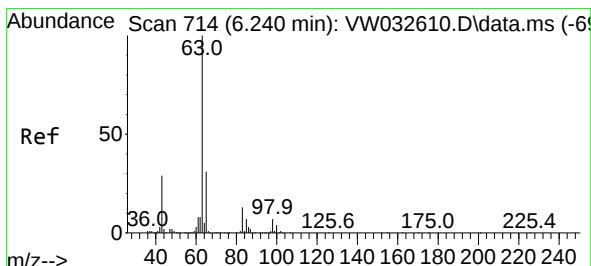
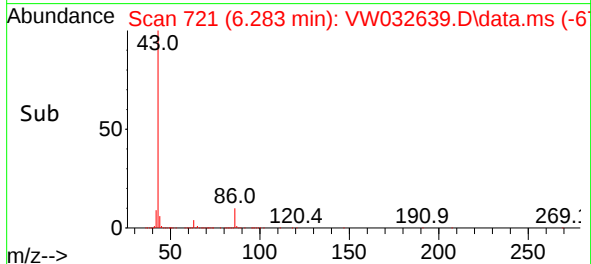
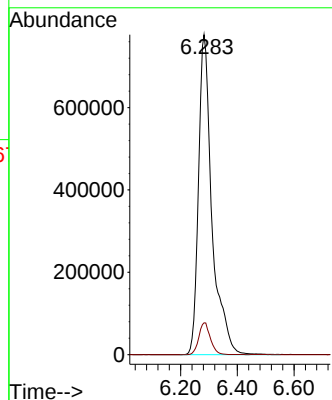
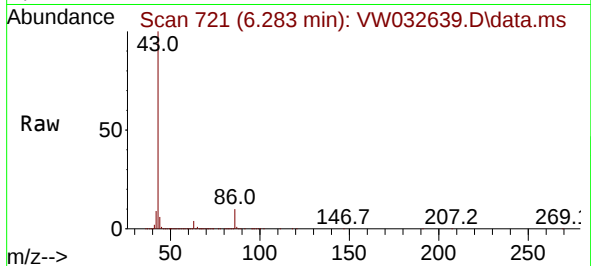




#23
 Vinyl Acetate
 Concen: 271.312 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

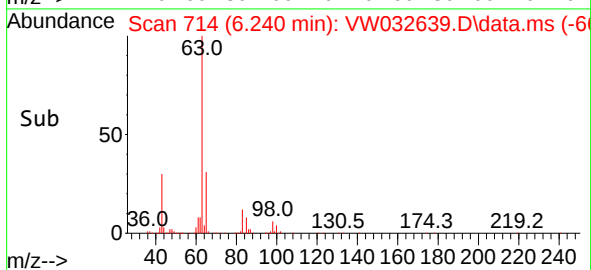
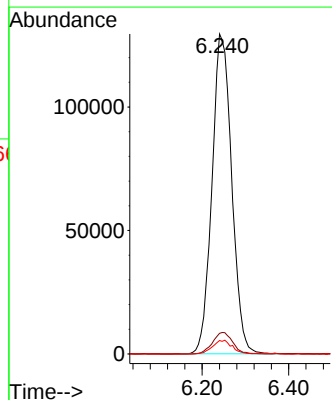
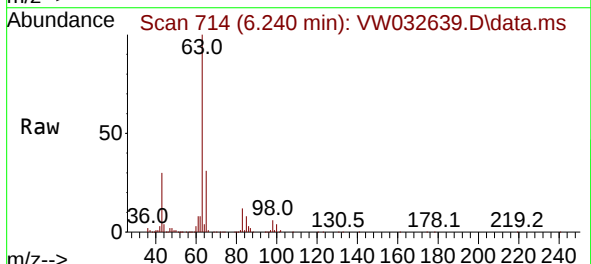
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

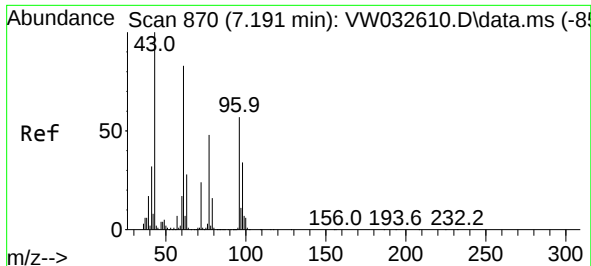
Tgt Ion: 43 Resp: 2561519
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 51.351 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

Tgt Ion: 63 Resp: 410057
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.2 2.1 6.5

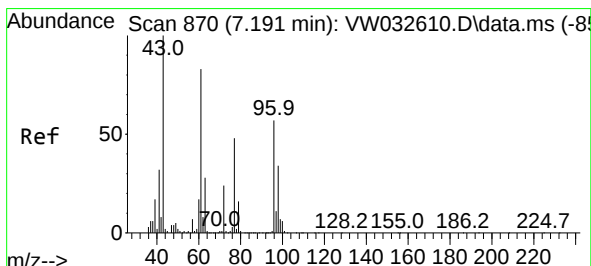
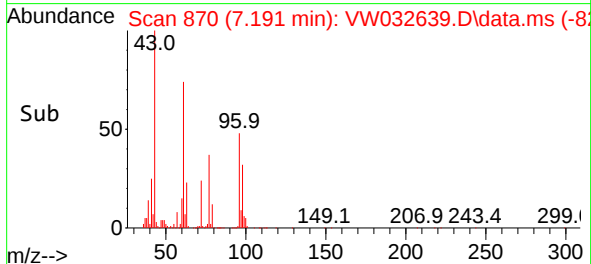
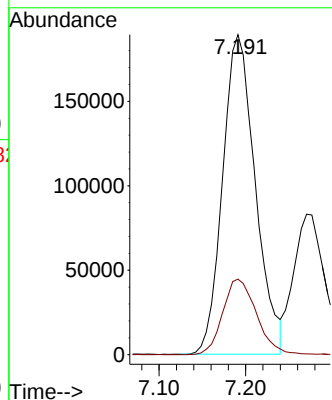
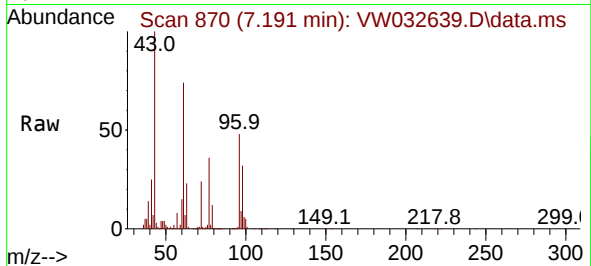




#25
2-Butanone
Concen: 264.099 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

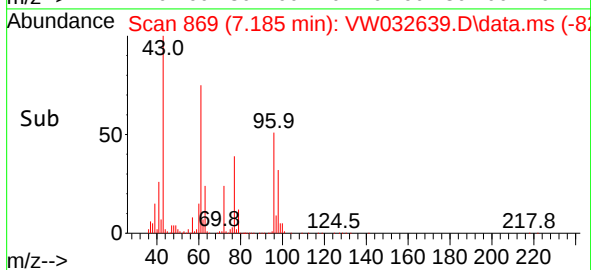
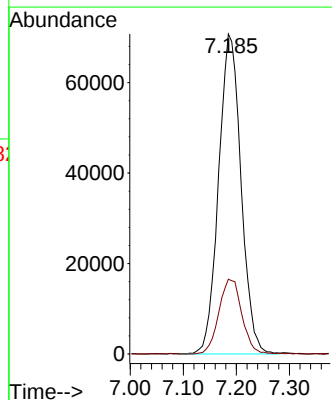
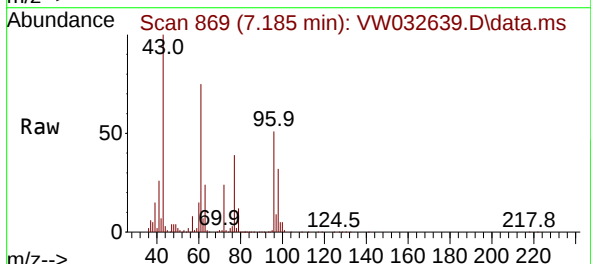
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

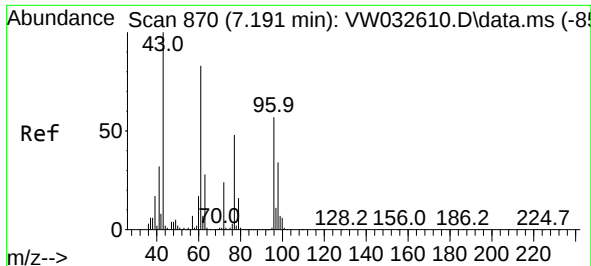
Tgt Ion: 43 Resp: 496775
Ion Ratio Lower Upper
43 100
72 23.6 19.4 29.0



#26
2,2-Dichloropropane
Concen: 46.325 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 77 Resp: 207706
Ion Ratio Lower Upper
77 100
97 24.0 11.3 33.9

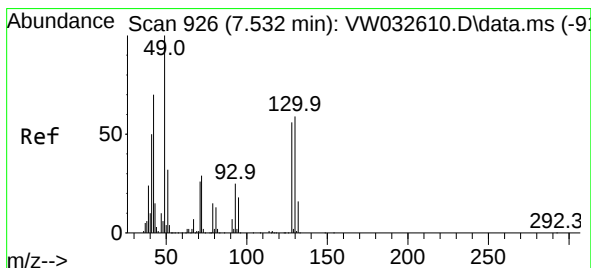
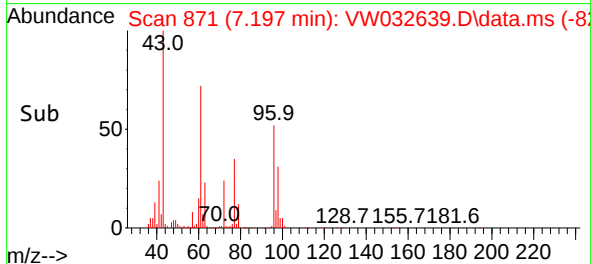
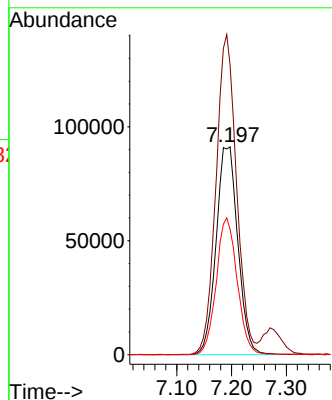
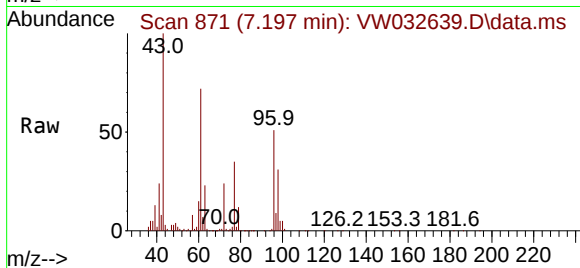




#27
 cis-1,2-Dichloroethene
 Concen: 53.293 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

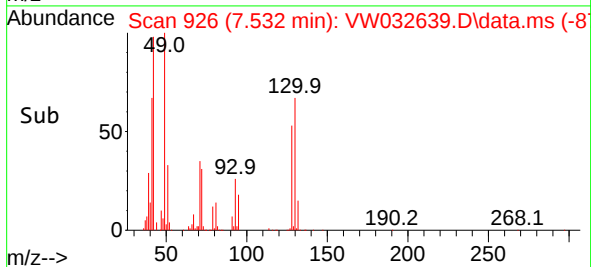
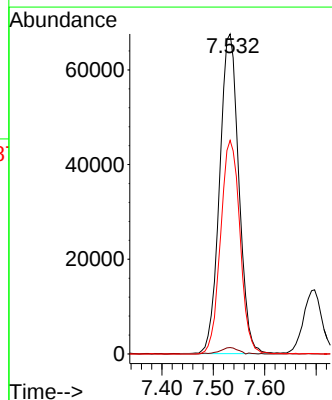
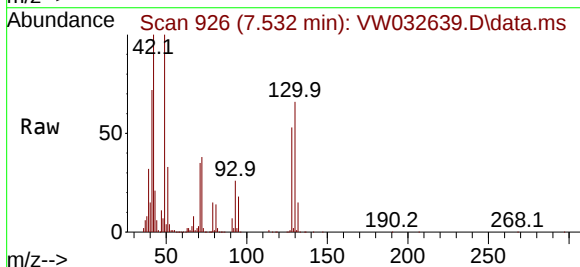
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

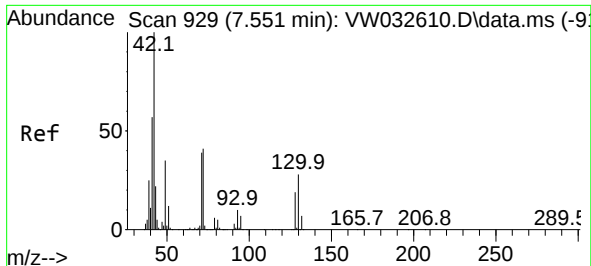
Tgt Ion: 96 Resp: 252095
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 295.8
 98 63.3 0.0 127.2



#28
 Bromochloromethane
 Concen: 55.229 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

Tgt Ion: 49 Resp: 175203
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 67.5 53.3 79.9





#29

Tetrahydrofuran

Concen: 290.276 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

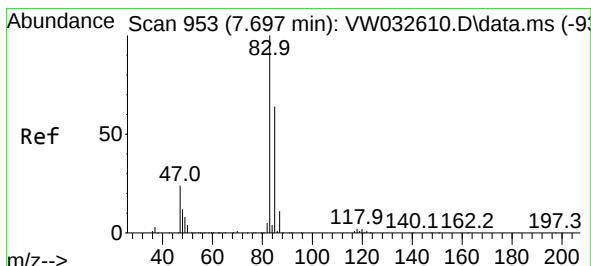
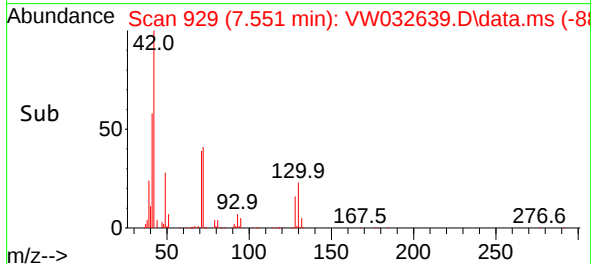
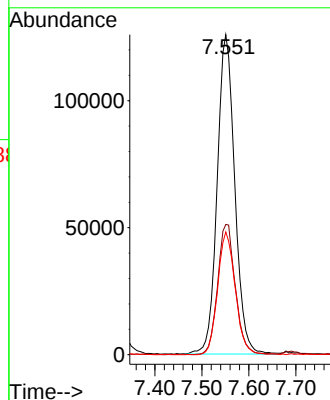
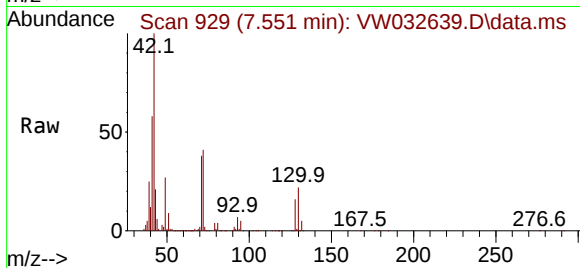
Tgt Ion: 42 Resp: 327800

Ion Ratio Lower Upper

42 100

72 41.0 33.2 49.8

71 38.3 30.7 46.1



#30

Chloroform

Concen: 52.558 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032639.D

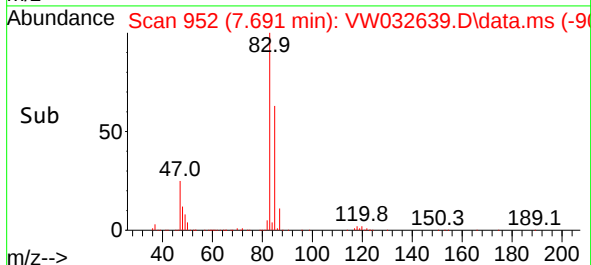
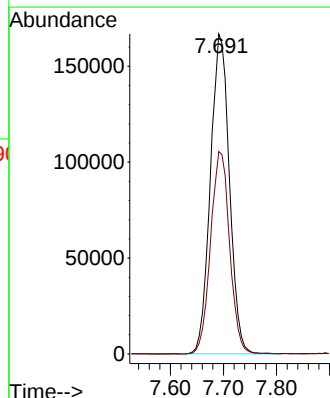
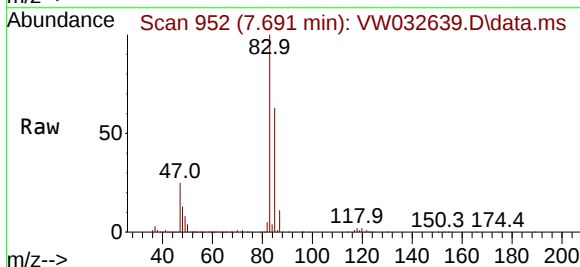
Acq: 11 Dec 2025 17:32

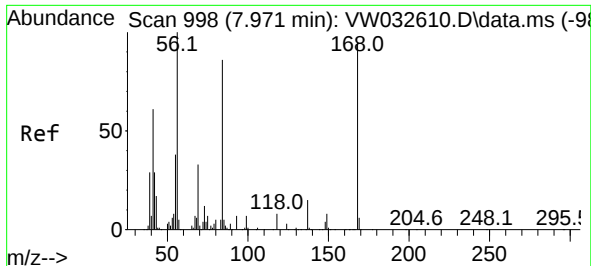
Tgt Ion: 83 Resp: 413987

Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.2

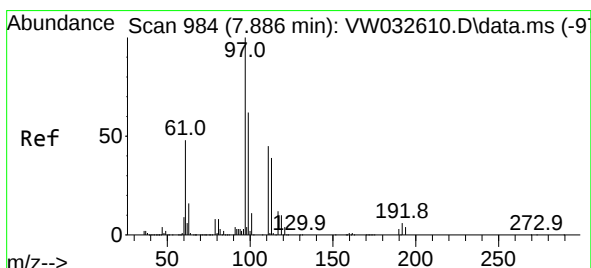
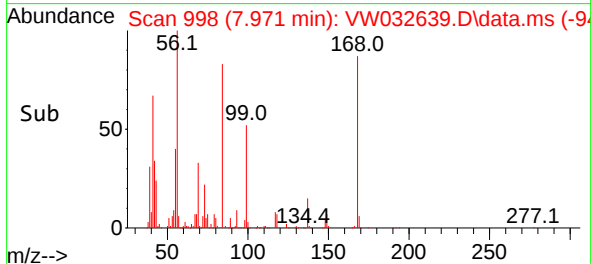
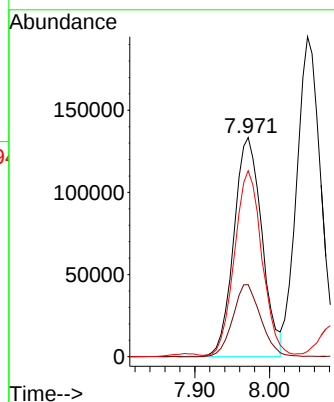
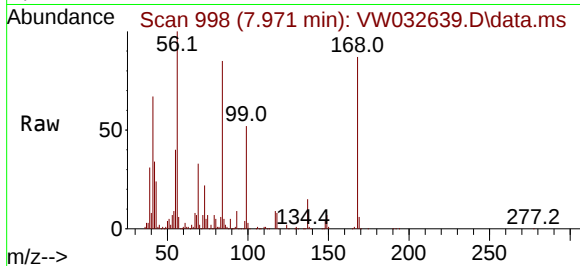




#31
Cyclohexane
Concen: 47.329 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

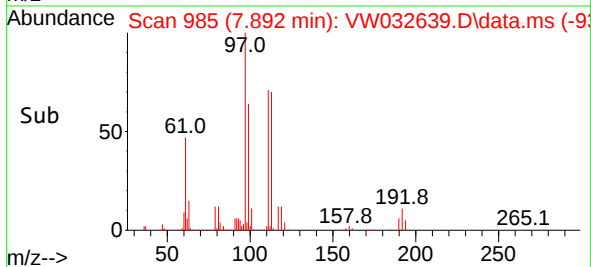
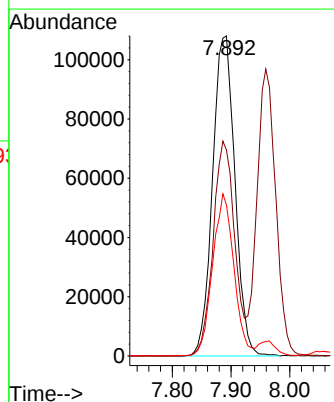
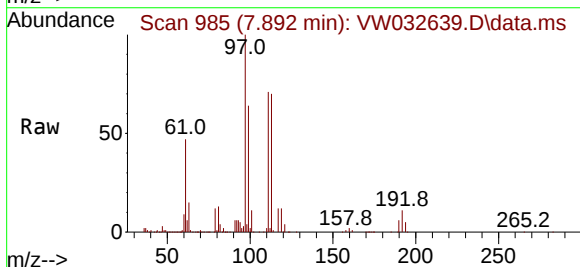
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

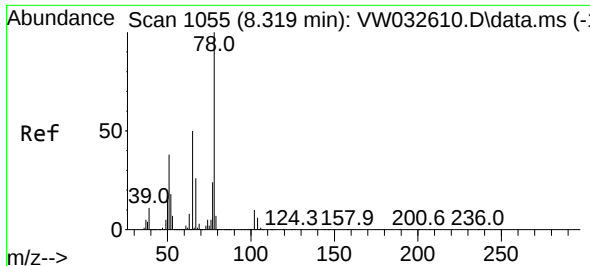
Tgt Ion: 56 Resp: 348351
Ion Ratio Lower Upper
56 100
69 32.9 26.2 39.2
84 83.8 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 49.358 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 97 Resp: 285881
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 48.2 37.8 56.8

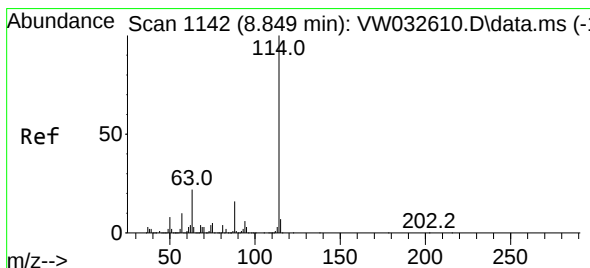
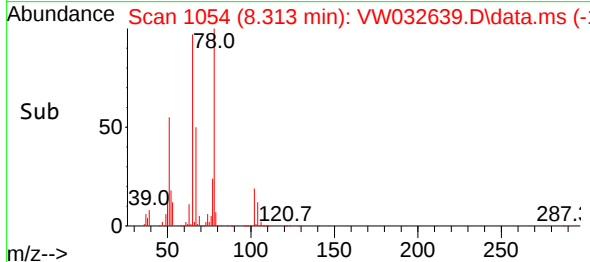
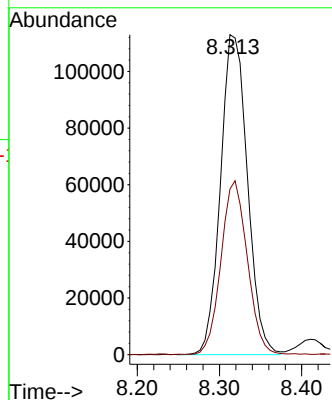
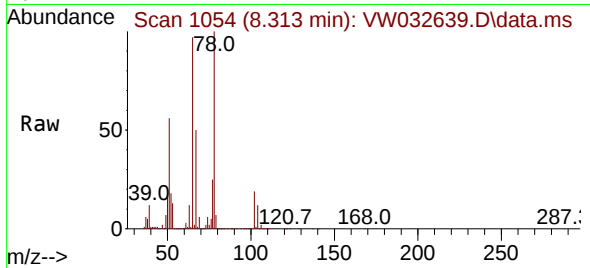




#33
 1,2-Dichloroethane-d4
 Concen: 53.332 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

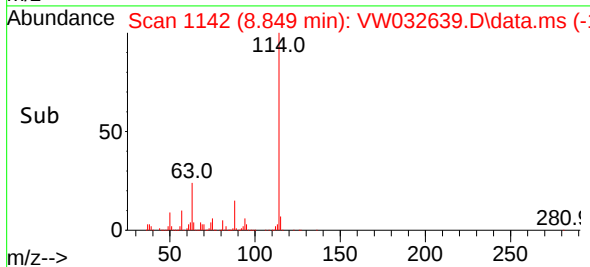
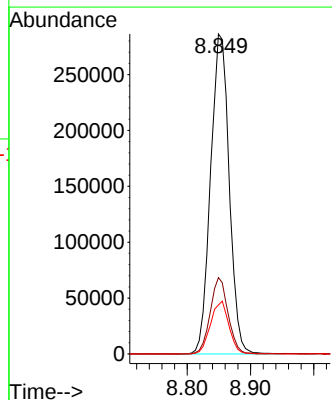
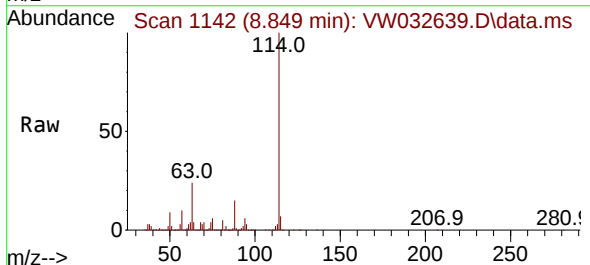
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

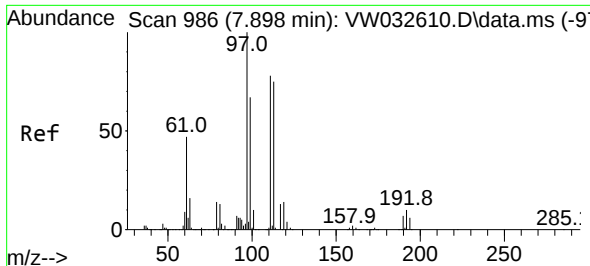
Tgt Ion: 65 Resp: 257417
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

Tgt Ion: 114 Resp: 584312
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 44.6
 88 15.3 0.0 31.8

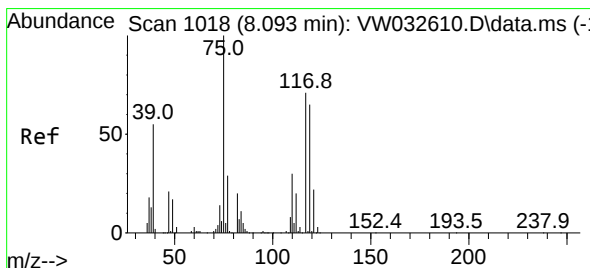
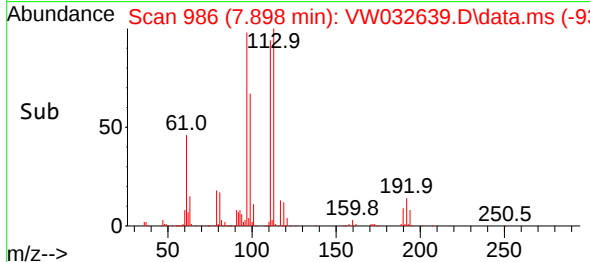
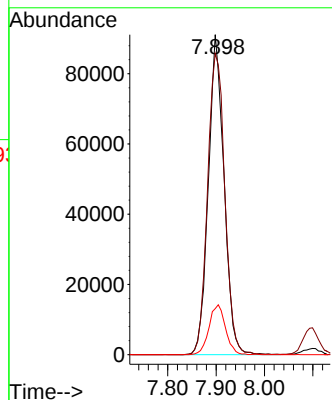
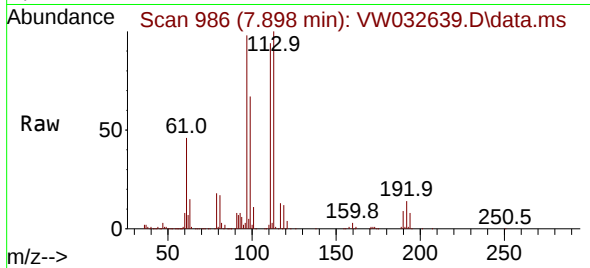




#35
Dibromofluoromethane
Concen: 49.424 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

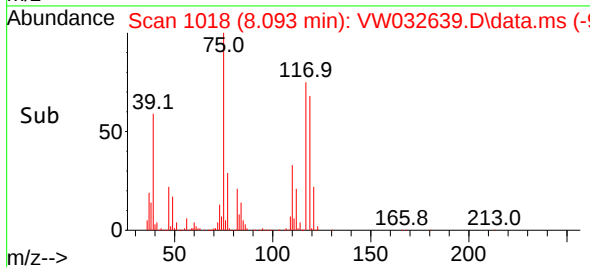
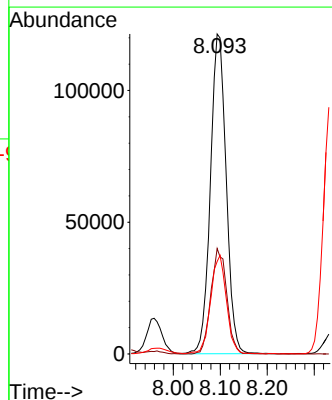
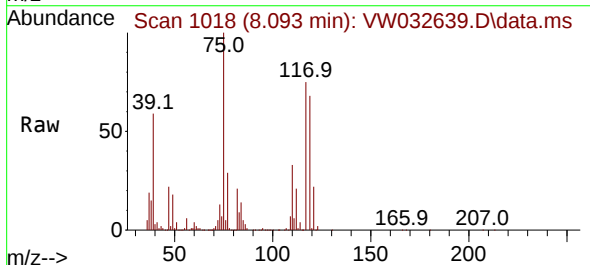
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

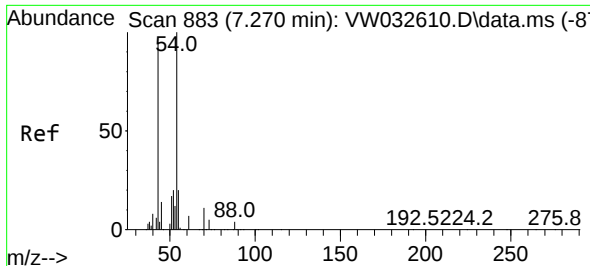
Tgt Ion:113 Resp: 205653
Ion Ratio Lower Upper
113 100
111 103.3 85.2 127.8
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 47.052 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 75 Resp: 283050
Ion Ratio Lower Upper
75 100
110 33.1 16.3 48.9
77 30.8 24.6 37.0

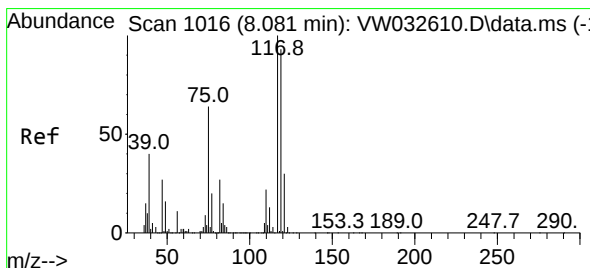
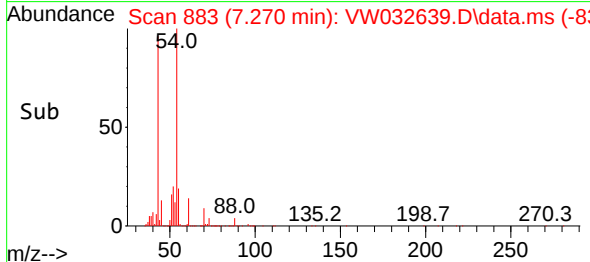
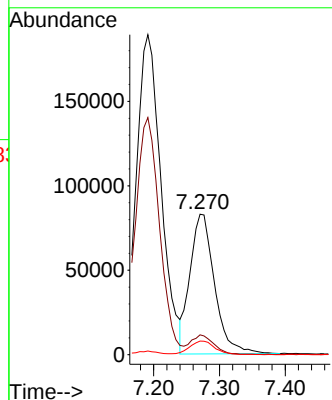
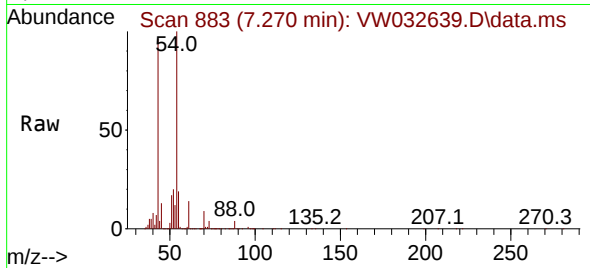




#37
Ethyl Acetate
Concen: 51.958 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

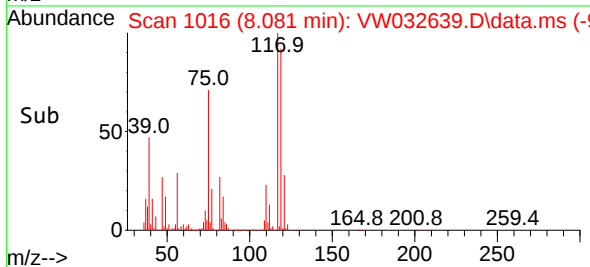
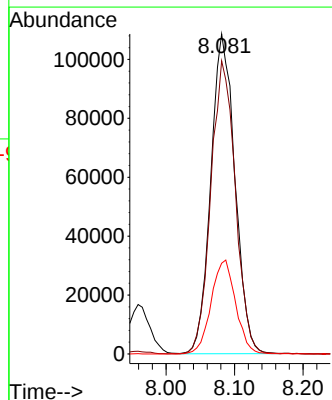
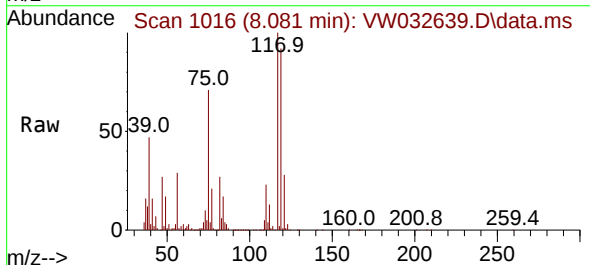
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

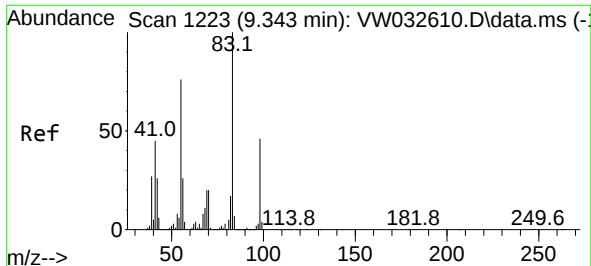
Tgt Ion: 43 Resp: 214101
Ion Ratio Lower Upper
43 100
61 12.7 10.3 15.5
70 10.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 47.680 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 117 Resp: 265307
Ion Ratio Lower Upper
117 100
119 91.6 74.3 111.5
121 28.3 23.6 35.4





#39

Methylcyclohexane

Concen: 45.971 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

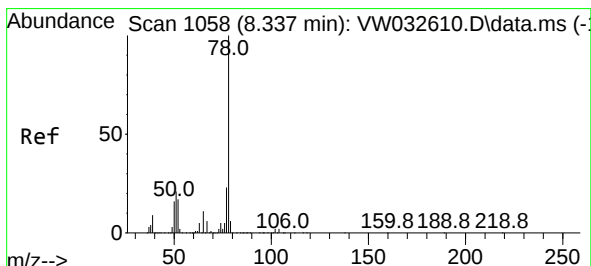
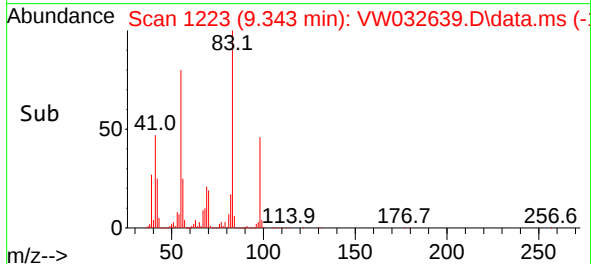
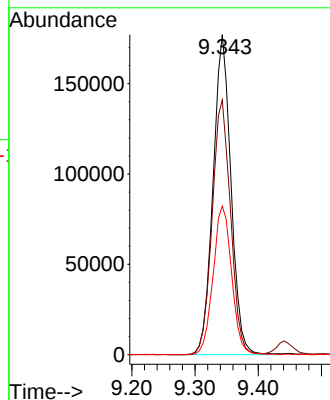
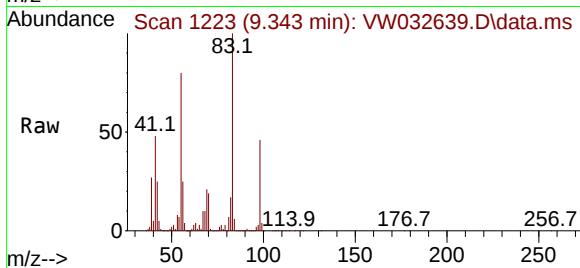
Tgt Ion: 83 Resp: 347791

Ion Ratio Lower Upper

83 100

55 79.5 61.2 91.8

98 46.5 37.0 55.4



#40

Benzene

Concen: 48.683 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032639.D

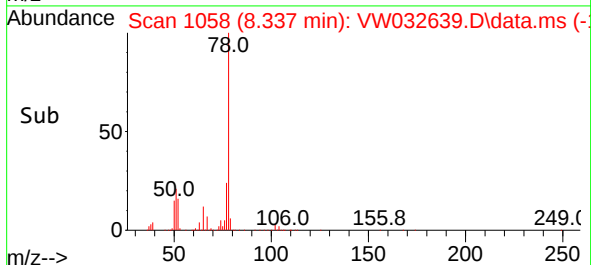
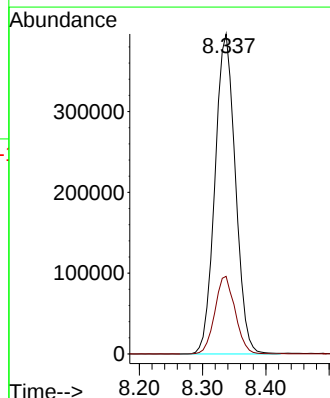
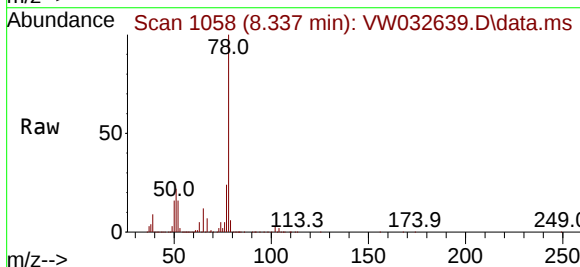
Acq: 11 Dec 2025 17:32

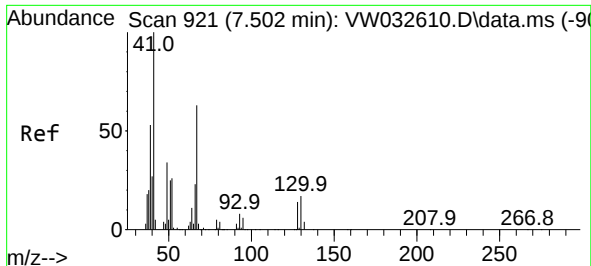
Tgt Ion: 78 Resp: 888459

Ion Ratio Lower Upper

78 100

77 24.2 18.6 28.0

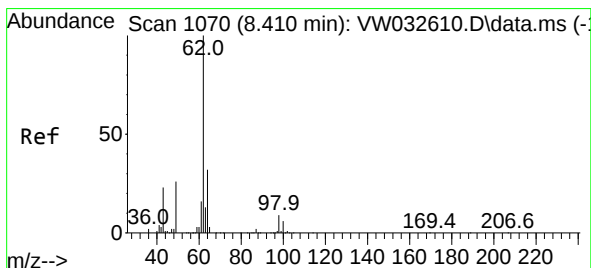
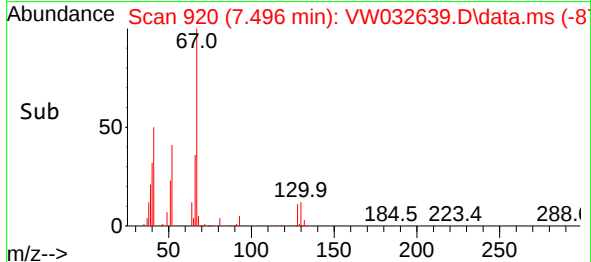
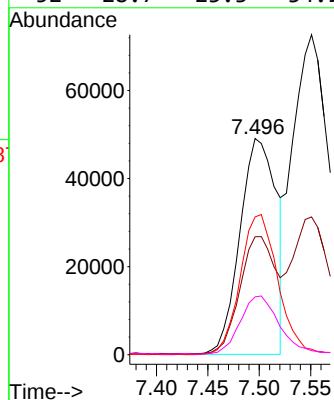
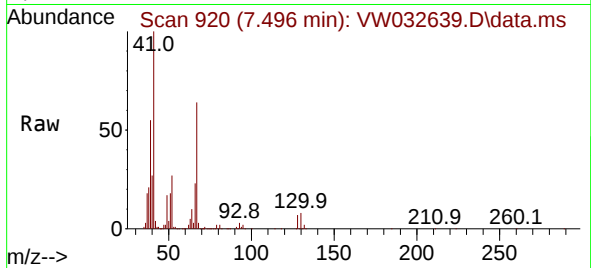




#41
Methacrylonitrile
Concen: 55.175 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

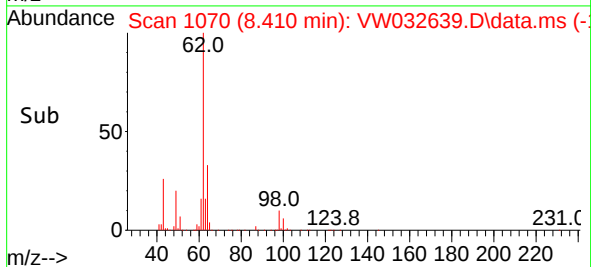
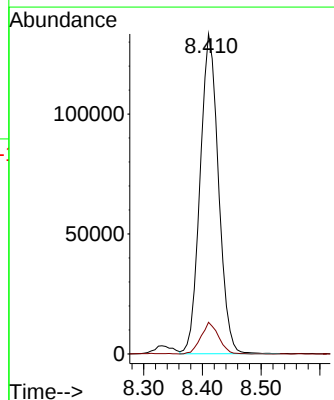
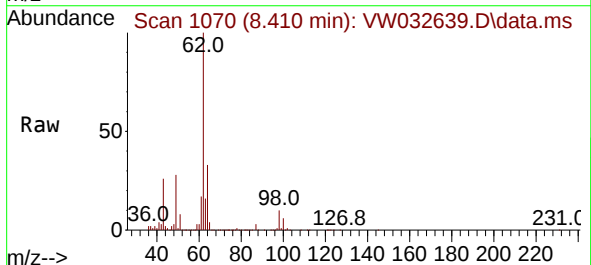
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

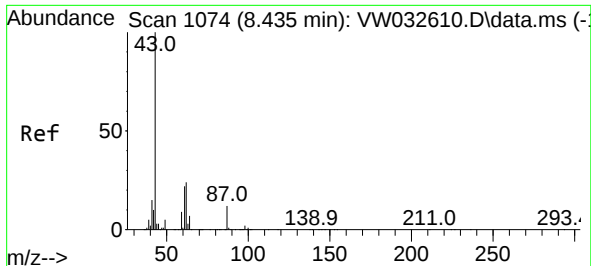
Tgt Ion:	41	Resp:	121521
Ion	Ratio	Lower	Upper
41	100		
39	53.4	47.3	70.9
67	67.6	55.9	83.9
52	28.7	23.3	34.9



#42
1,2-Dichloroethane
Concen: 49.833 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion:	62	Resp:	289563
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8

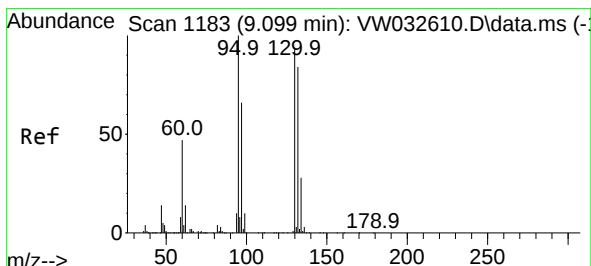
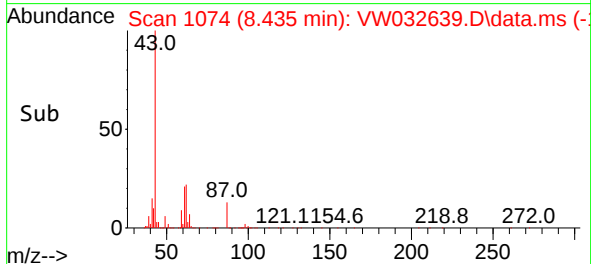
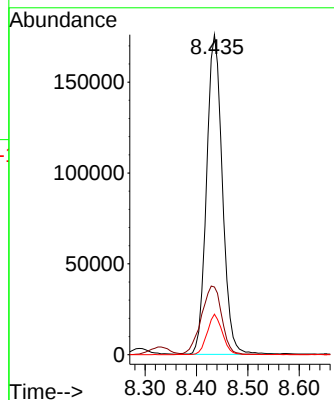
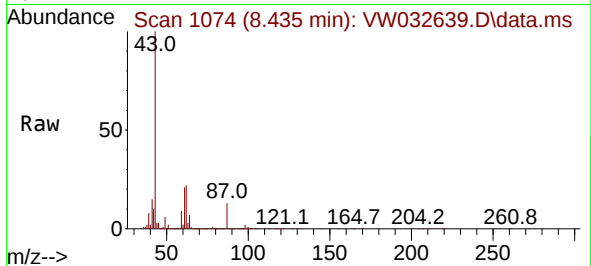




#43
Isopropyl Acetate
Concen: 51.277 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

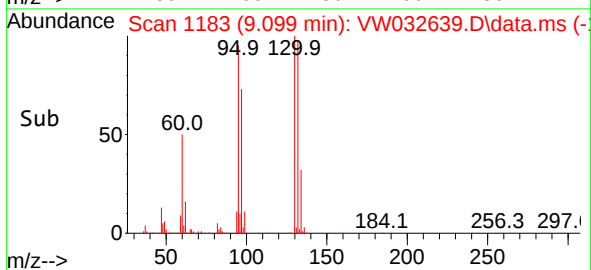
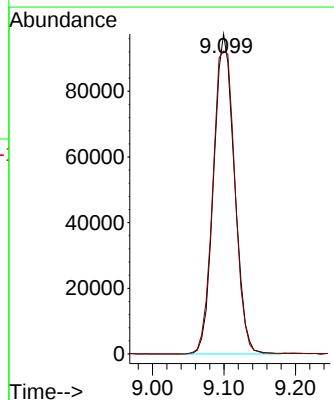
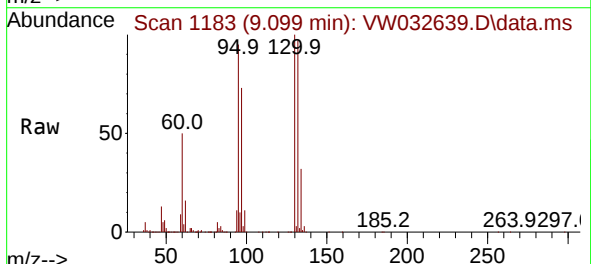
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

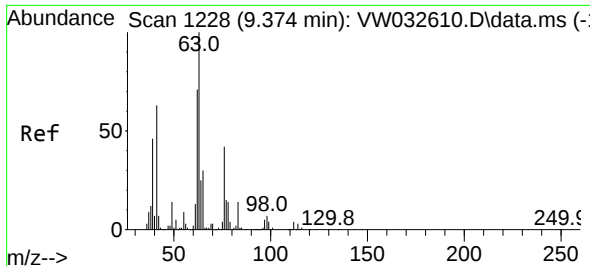
Tgt Ion: 43 Resp: 374717
Ion Ratio Lower Upper
43 100
61 27.8 22.7 34.1
87 12.1 9.6 14.4



#44
Trichloroethene
Concen: 47.030 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion:130 Resp: 195978
Ion Ratio Lower Upper
130 100
95 94.6 0.0 215.6

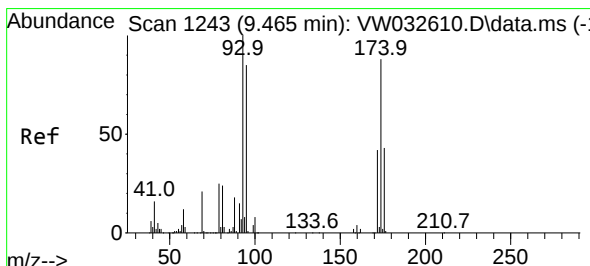
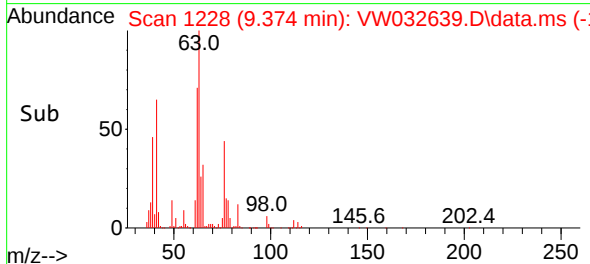
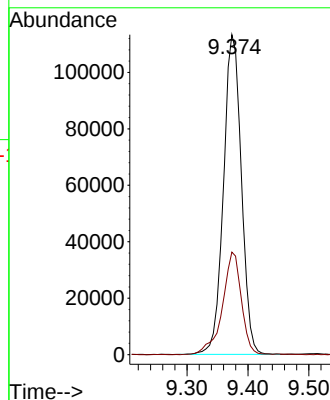
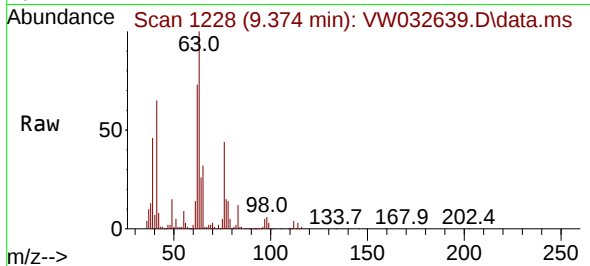




#45
1,2-Dichloropropane
Concen: 49.996 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

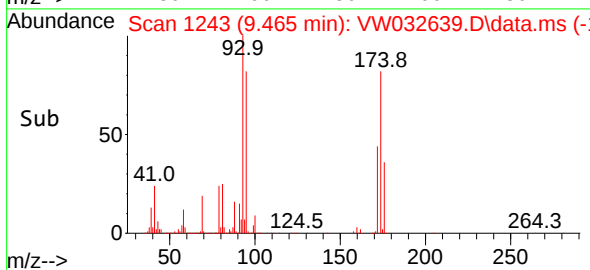
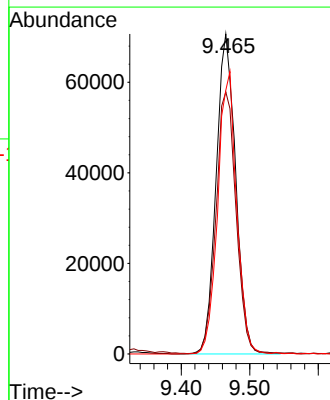
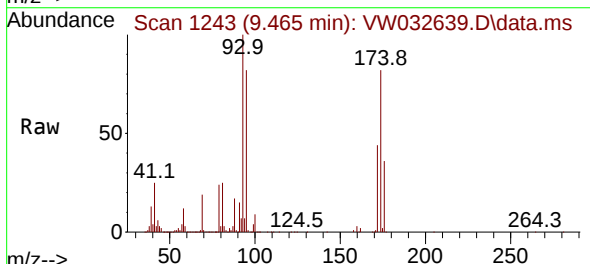
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

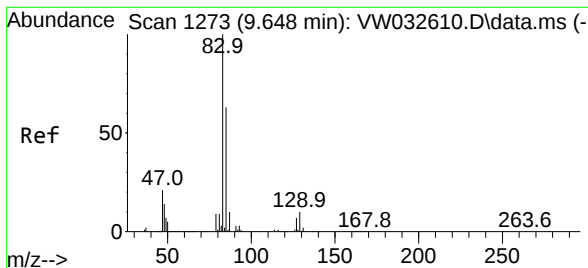
Tgt Ion: 63 Resp: 230874
Ion Ratio Lower Upper
63 100
65 32.1 23.8 35.6



#46
Dibromomethane
Concen: 51.709 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 93 Resp: 139902
Ion Ratio Lower Upper
93 100
95 84.6 67.0 100.4
174 85.1 67.6 101.4





#47

Bromodichloromethane

Concen: 50.704 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

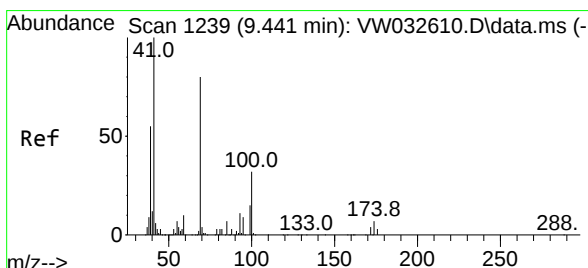
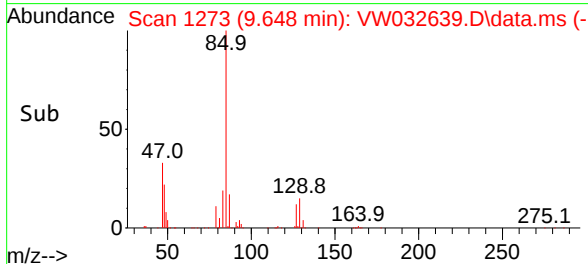
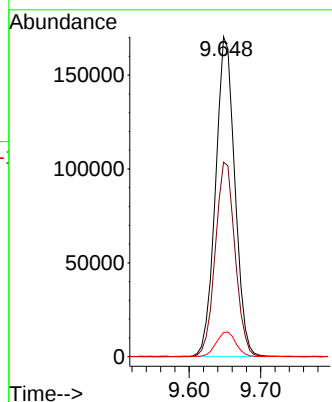
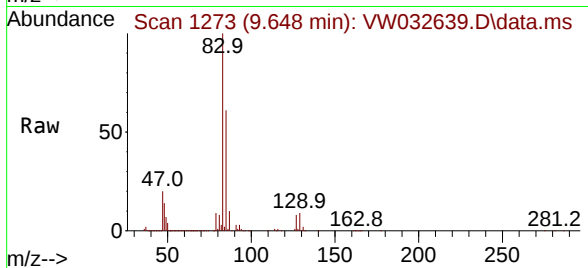
Tgt Ion: 83 Resp: 319109

Ion Ratio Lower Upper

83 100

85 60.8 50.7 76.1

127 7.6 6.0 9.0



#48

Methyl methacrylate

Concen: 51.033 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

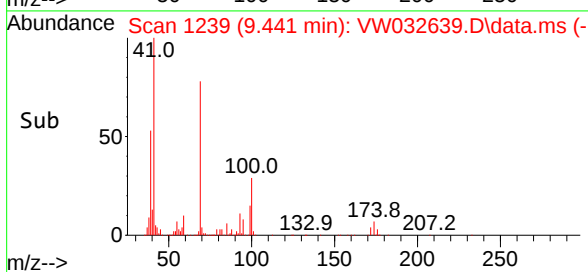
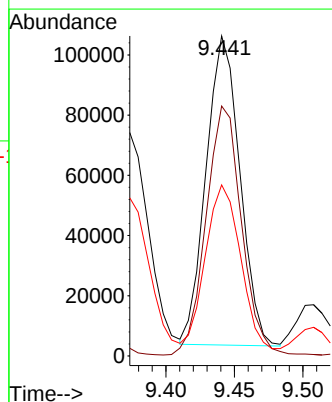
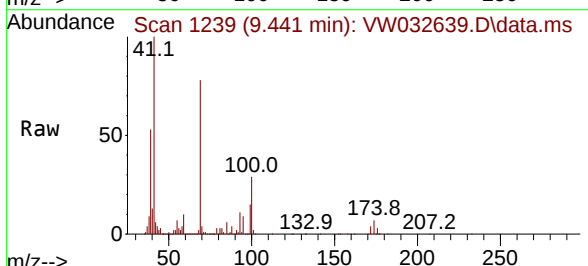
Tgt Ion: 41 Resp: 176024

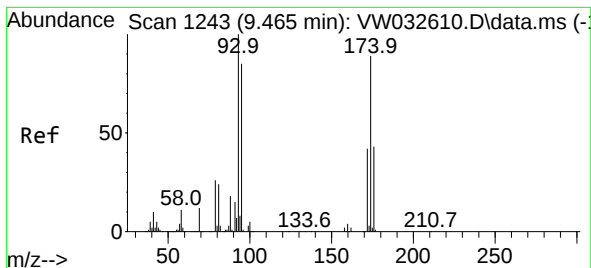
Ion Ratio Lower Upper

41 100

69 84.7 67.9 101.9

39 54.1 43.8 65.8





#49

1,4-Dioxane

Concen: 1019.367 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

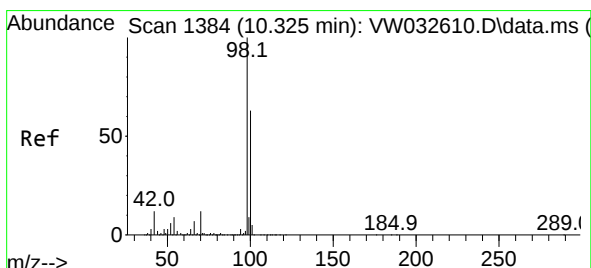
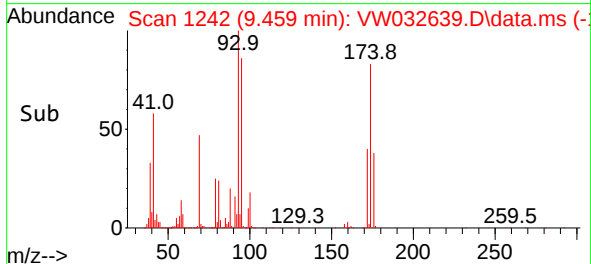
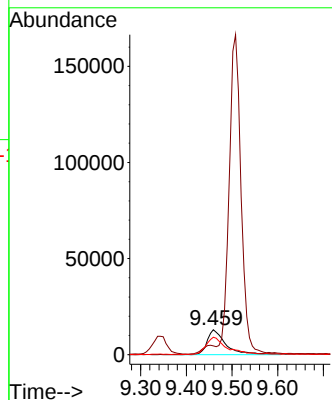
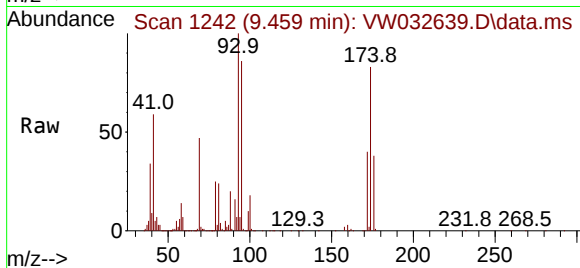
Tgt Ion: 88 Resp: 36999

Ion Ratio Lower Upper

88 100

43 26.1 0.0 0.0#

58 76.2 63.8 95.8



#50

Toluene-d8

Concen: 50.939 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032639.D

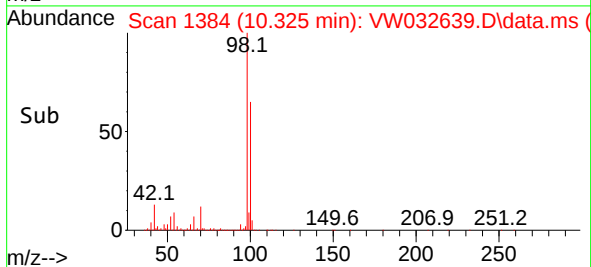
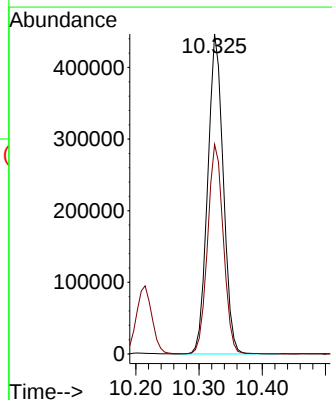
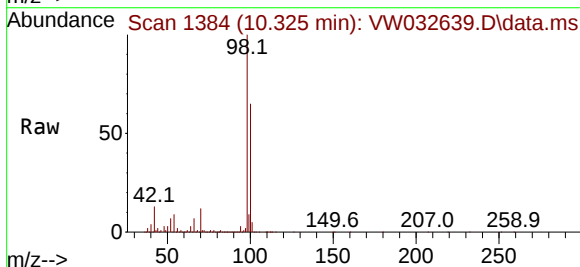
Acq: 11 Dec 2025 17:32

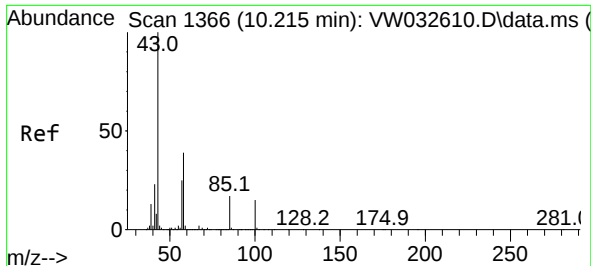
Tgt Ion: 98 Resp: 763868

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2

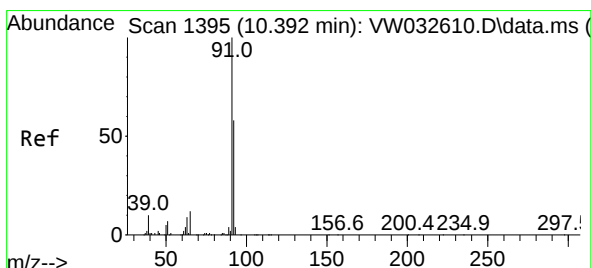
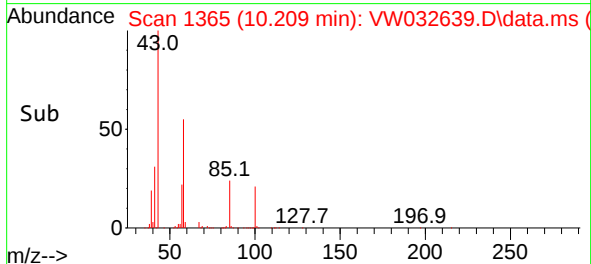
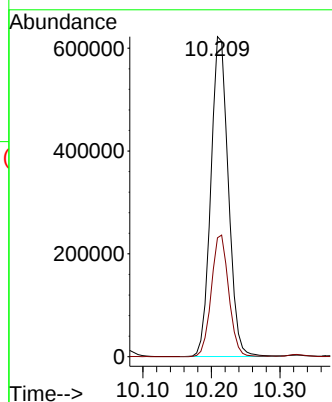
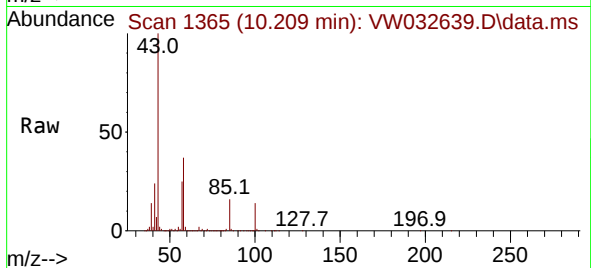




#51
4-Methyl-2-Pentanone
Concen: 270.512 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

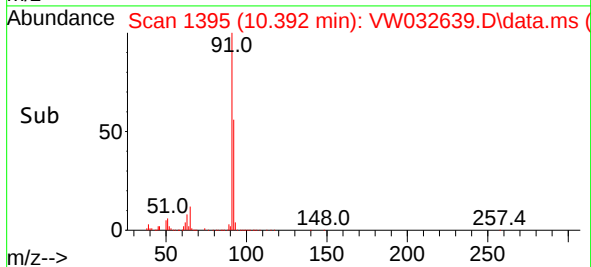
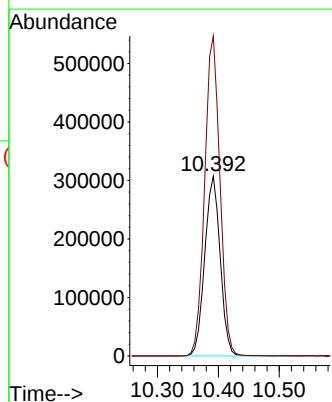
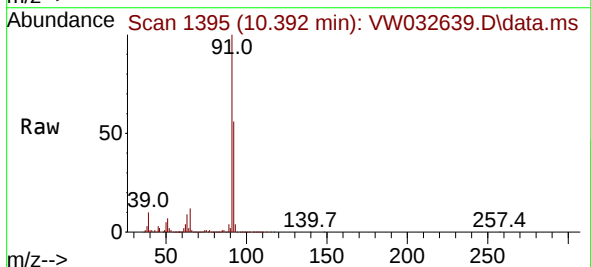
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

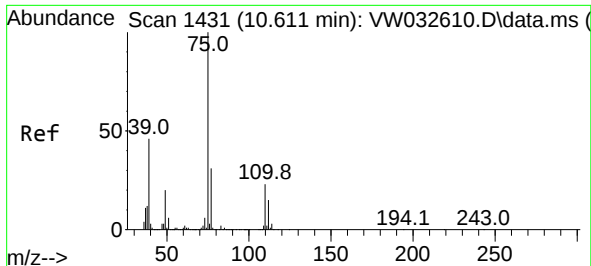
Tgt Ion: 43 Resp: 1102152
Ion Ratio Lower Upper
43 100
58 37.9 30.6 45.8



#52
Toluene
Concen: 48.025 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 92 Resp: 539243
Ion Ratio Lower Upper
92 100
91 177.0 137.6 206.4

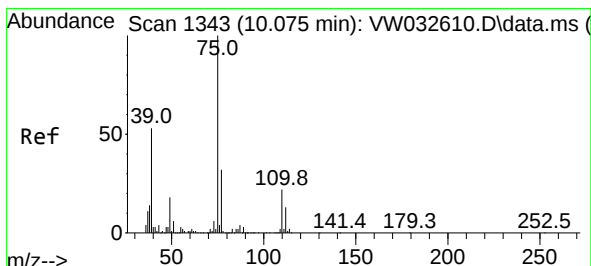
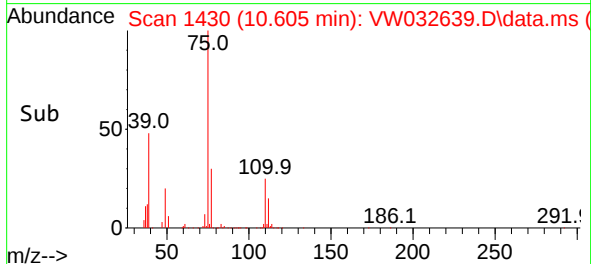
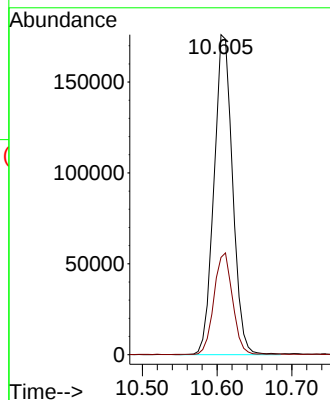
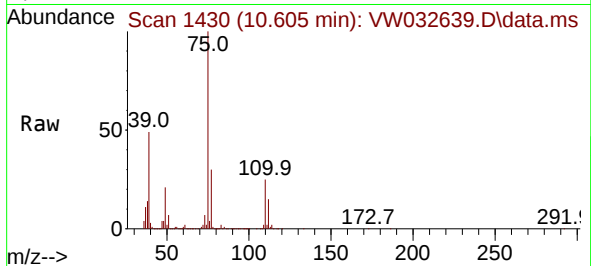




#53
t-1,3-Dichloropropene
Concen: 49.190 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

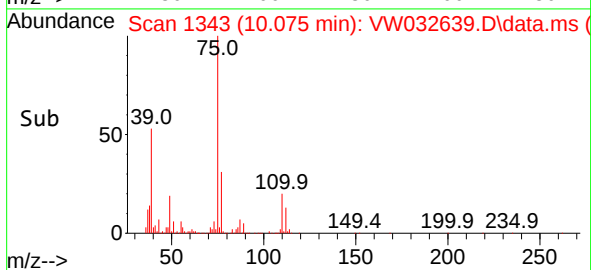
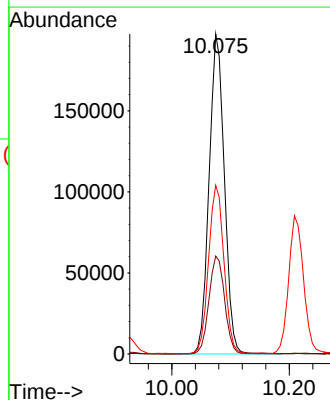
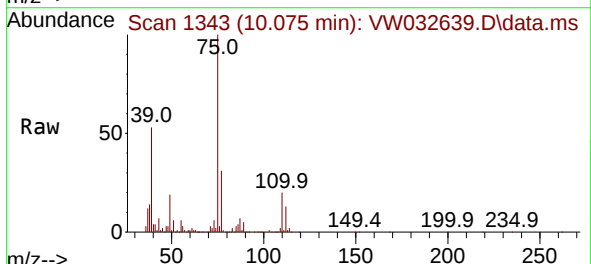
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

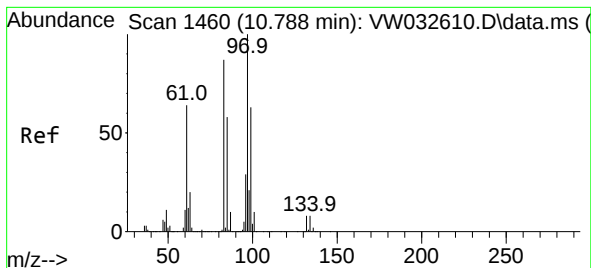
Tgt Ion: 75 Resp: 305246
Ion Ratio Lower Upper
75 100
77 30.3 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 49.743 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 75 Resp: 355944
Ion Ratio Lower Upper
75 100
77 30.6 26.0 39.0
39 52.5 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 51.784 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 187984

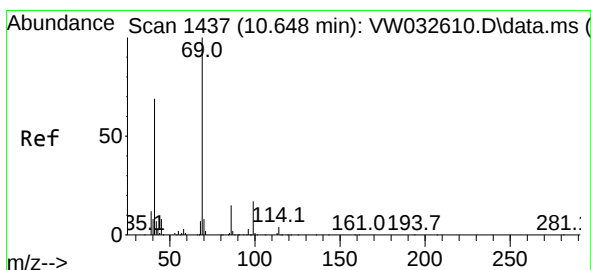
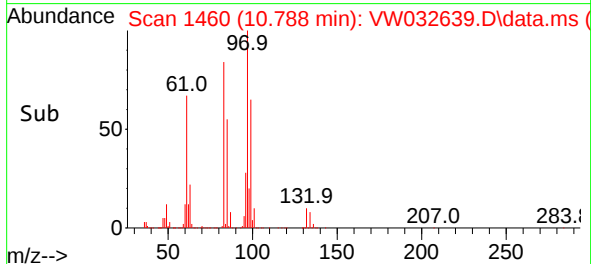
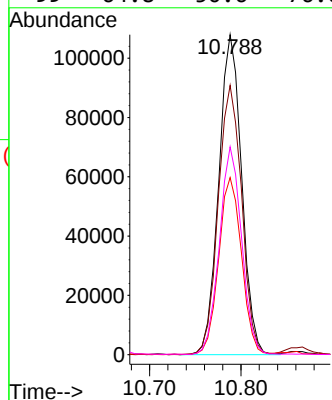
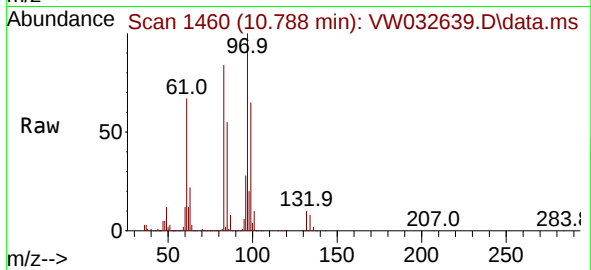
Ion Ratio Lower Upper

97 100

83 84.2 69.3 103.9

85 55.3 46.1 69.1

99 64.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 52.546 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

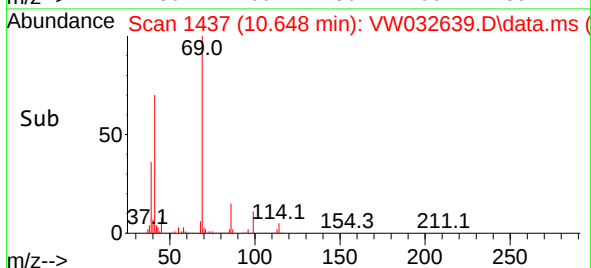
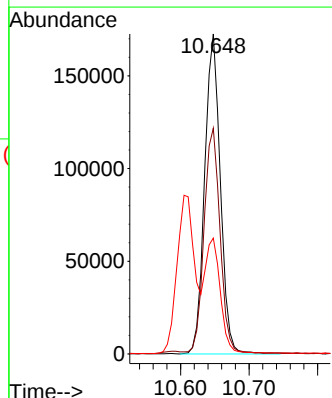
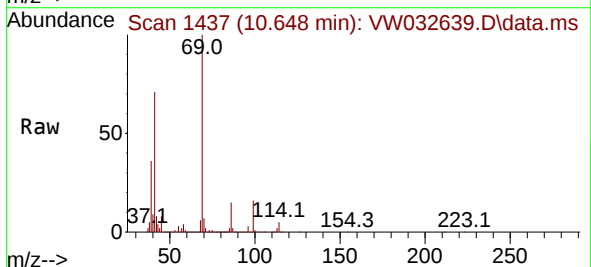
Tgt Ion: 69 Resp: 275384

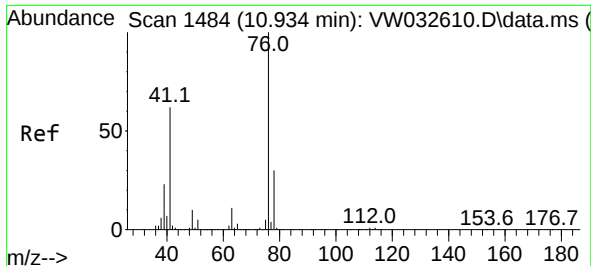
Ion Ratio Lower Upper

69 100

41 71.6 57.0 85.6

39 34.9 27.2 40.8





#57

1,3-Dichloropropane

Concen: 51.550 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

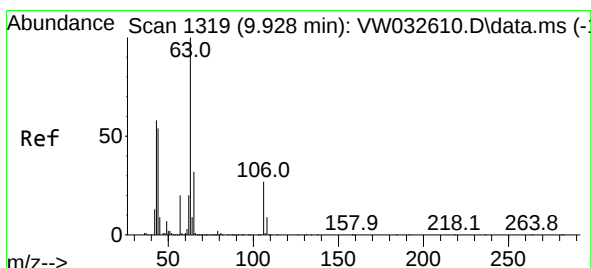
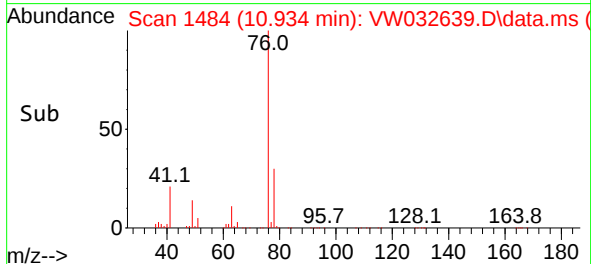
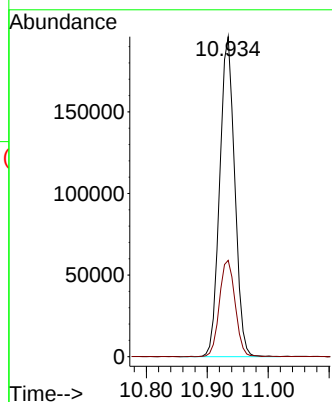
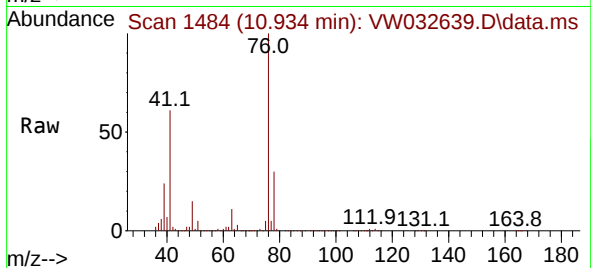
VSTDCCC050EC

Tgt Ion: 76 Resp: 336120

Ion Ratio Lower Upper

76 100

78 31.6 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 390.679 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032639.D

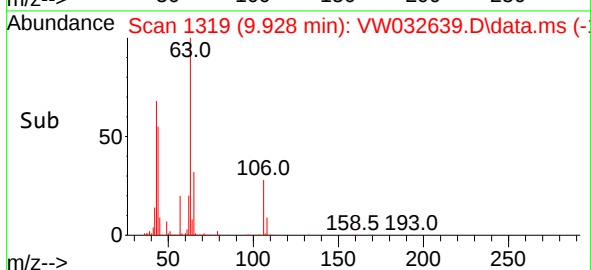
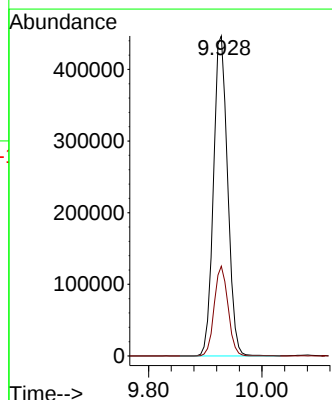
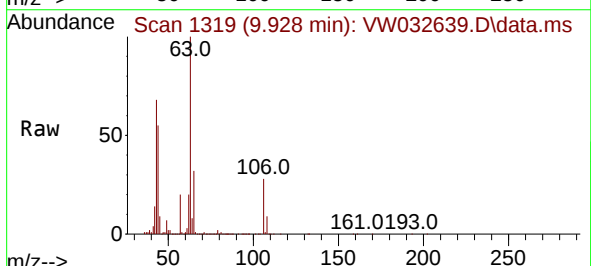
Acq: 11 Dec 2025 17:32

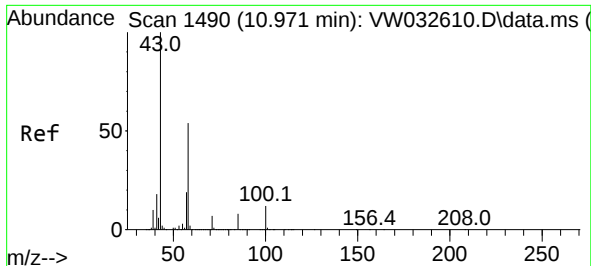
Tgt Ion: 63 Resp: 773461

Ion Ratio Lower Upper

63 100

106 27.3 21.3 31.9





#59

2-Hexanone

Concen: 265.451 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

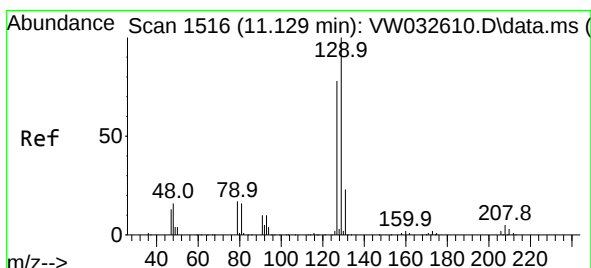
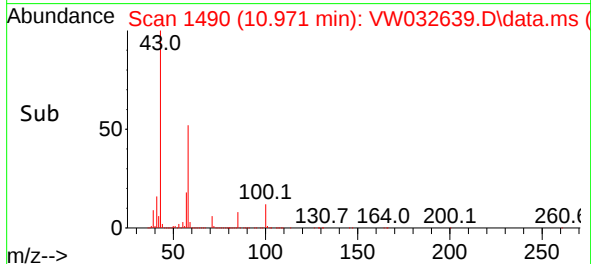
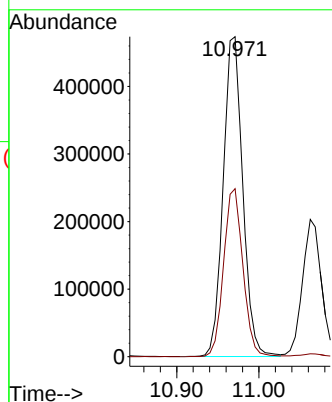
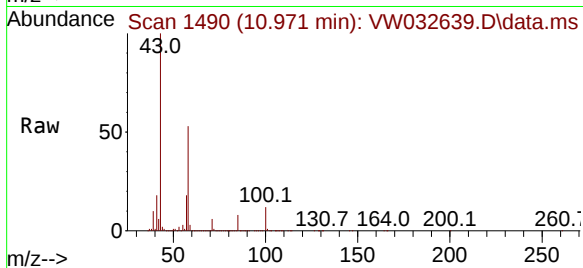
VSTDCCC050EC

Tgt Ion: 43 Resp: 783310

Ion Ratio Lower Upper

43 100

58 51.9 26.3 78.9



#60

Dibromochloromethane

Concen: 50.780 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW032639.D

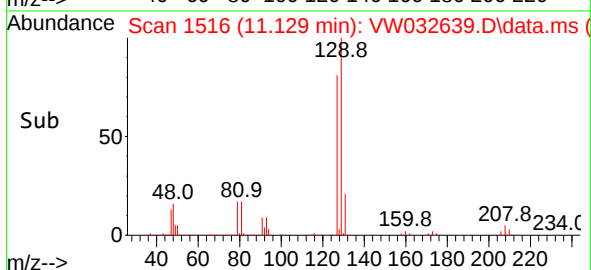
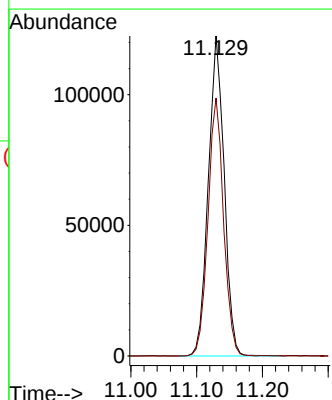
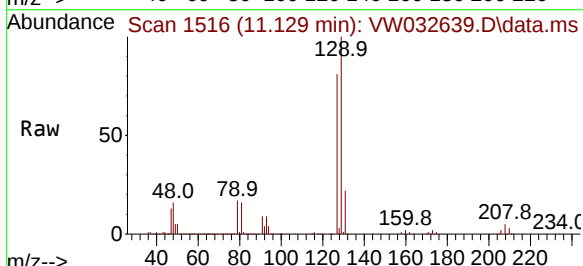
Acq: 11 Dec 2025 17:32

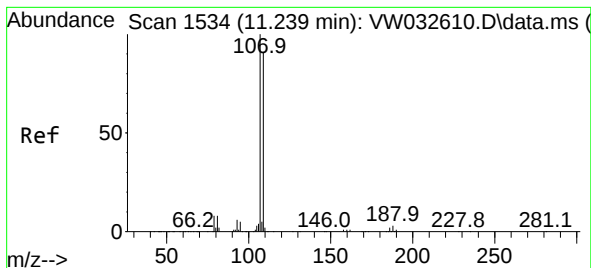
Tgt Ion:129 Resp: 205327

Ion Ratio Lower Upper

129 100

127 79.2 37.2 111.6

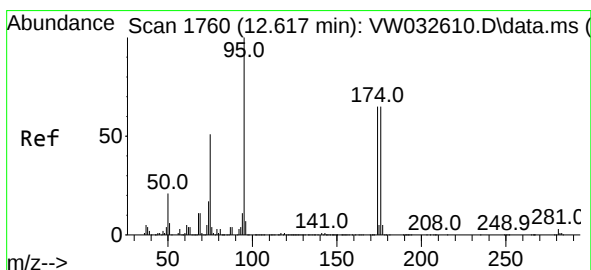
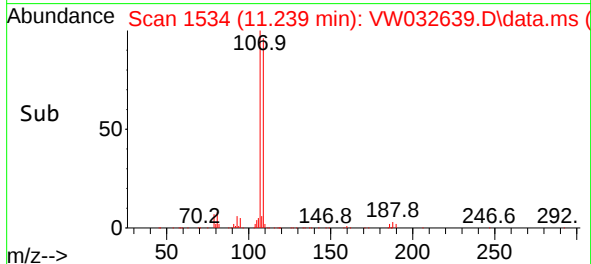
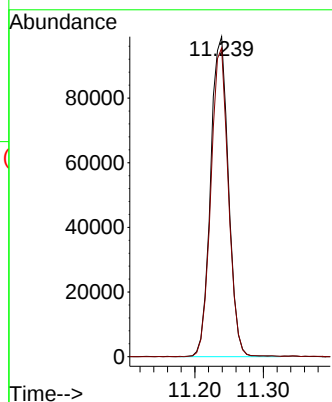
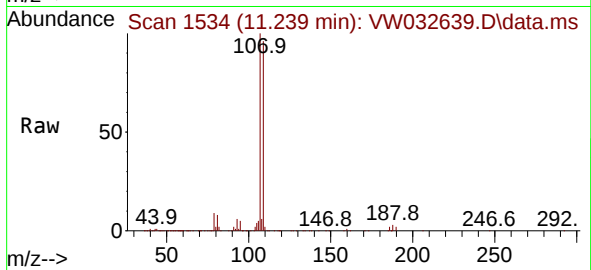




#61
1,2-Dibromoethane
Concen: 51.091 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

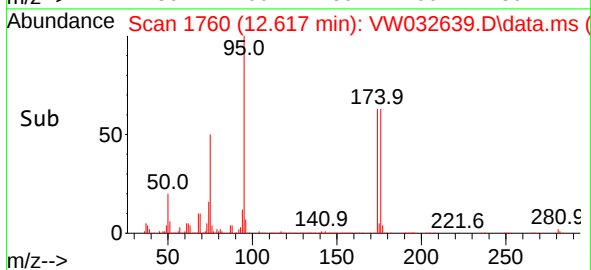
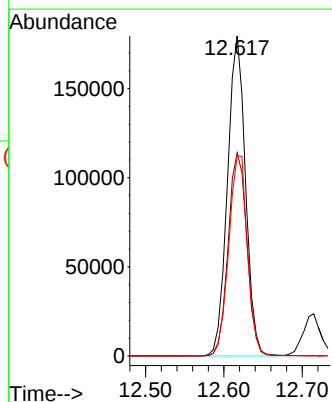
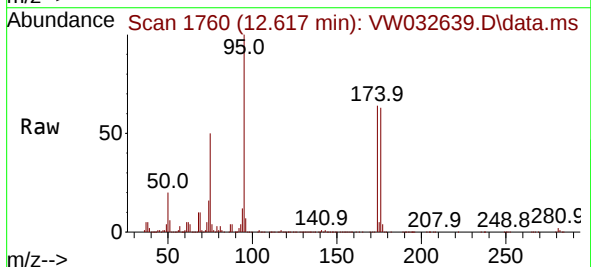
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

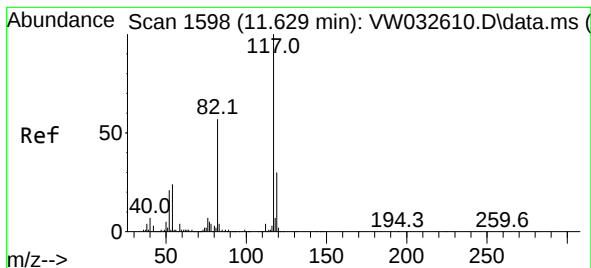
Tgt Ion:107 Resp: 179345
Ion Ratio Lower Upper
107 100
109 94.6 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 51.994 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 95 Resp: 286257
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.0
176 64.9 0.0 123.4

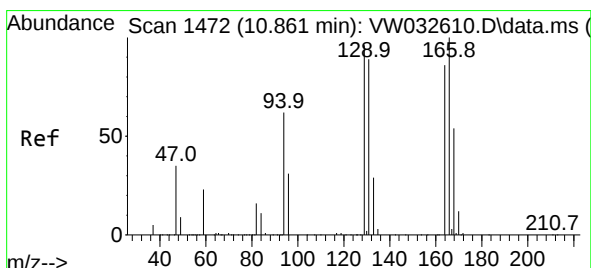
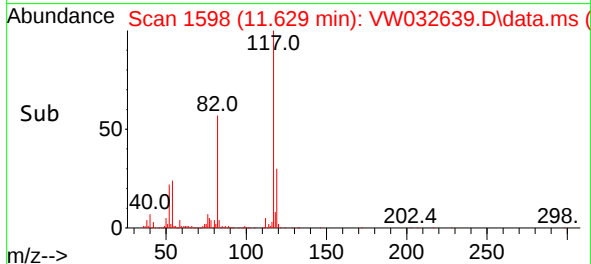
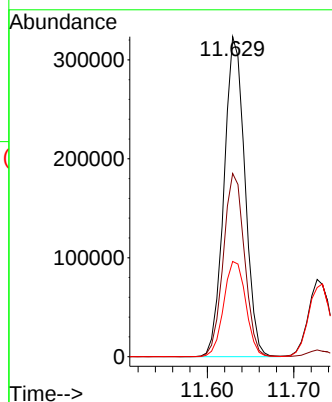
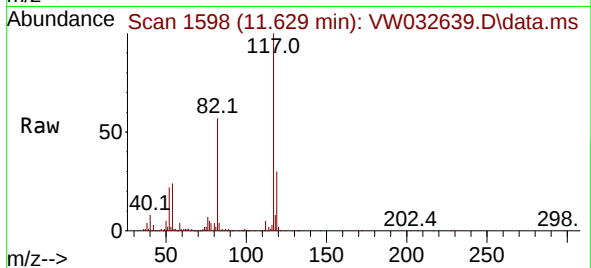




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

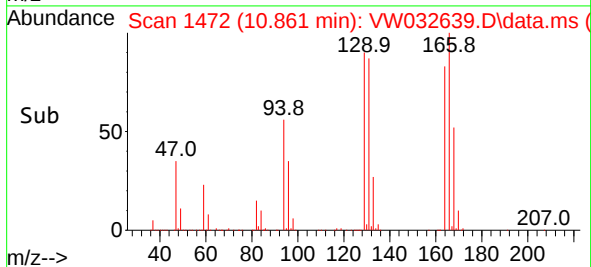
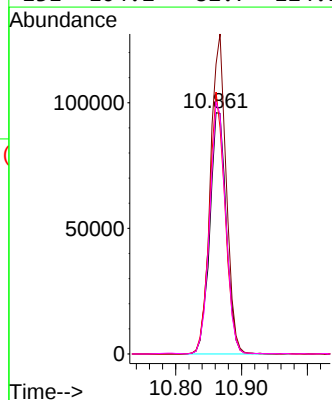
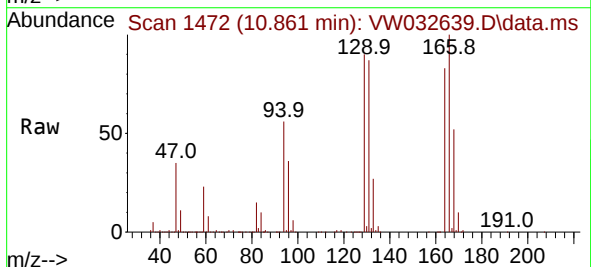
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

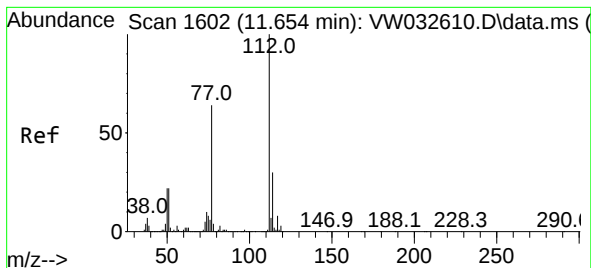
Tgt Ion:117 Resp: 540719
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 29.7 23.8 35.8



#64
Tetrachloroethene
Concen: 48.319 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion:164 Resp: 167516
Ion Ratio Lower Upper
164 100
166 120.1 93.0 139.6
129 108.6 89.2 133.8
131 104.2 82.7 124.1





#65

Chlorobenzene

Concen: 48.684 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

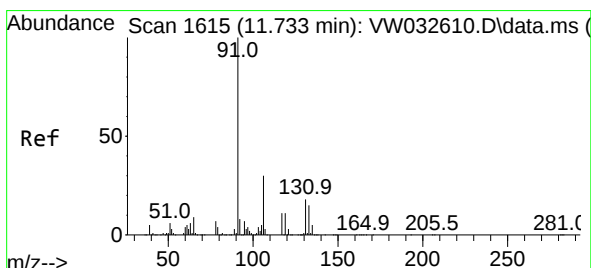
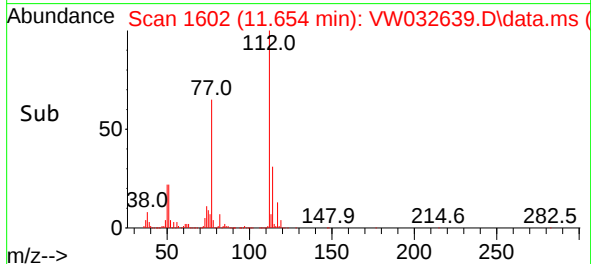
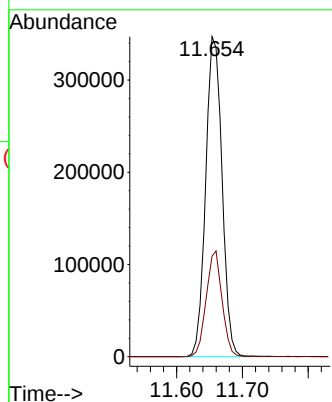
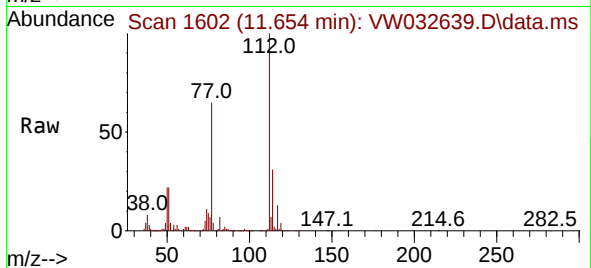
VSTDCCC050EC

Tgt Ion:112 Resp: 601105

Ion Ratio Lower Upper

112 100

114 31.4 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 50.429 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

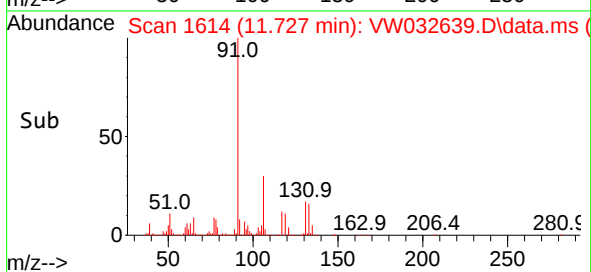
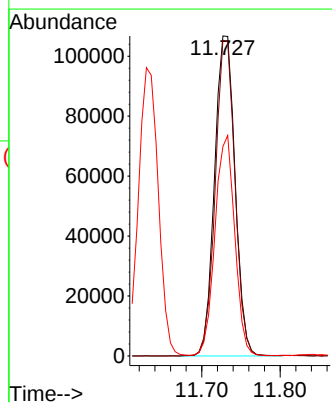
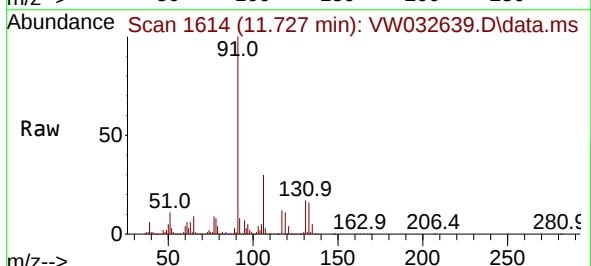
Tgt Ion:131 Resp: 194440

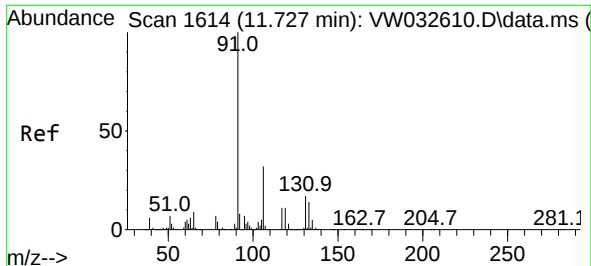
Ion Ratio Lower Upper

131 100

133 94.9 44.0 132.1

119 66.3 32.0 96.2

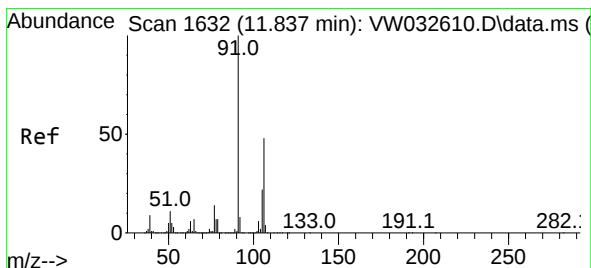
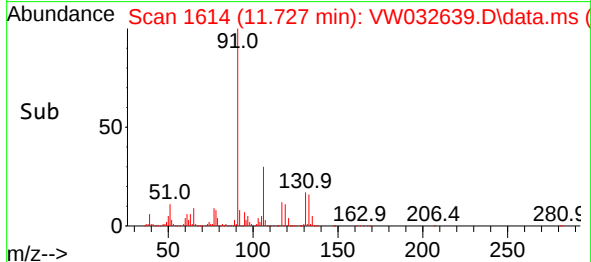
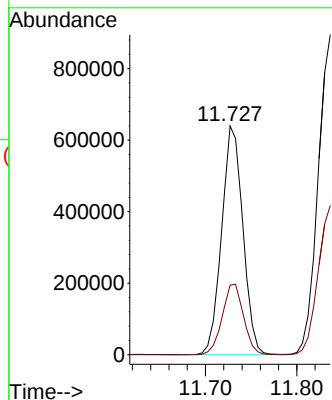
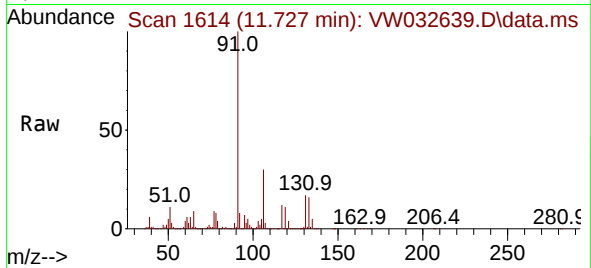




#67
Ethyl Benzene
Concen: 48.415 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

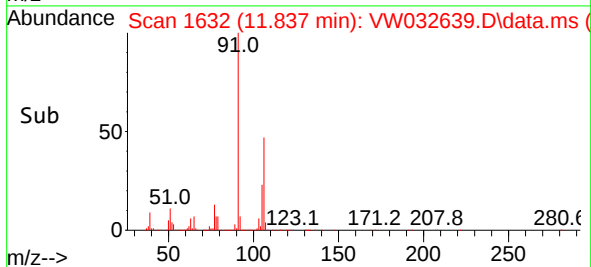
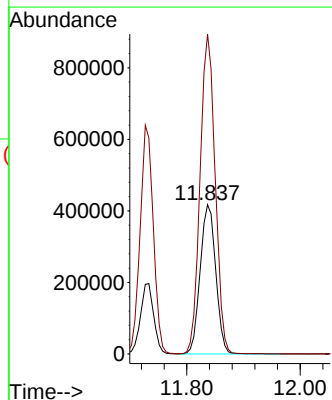
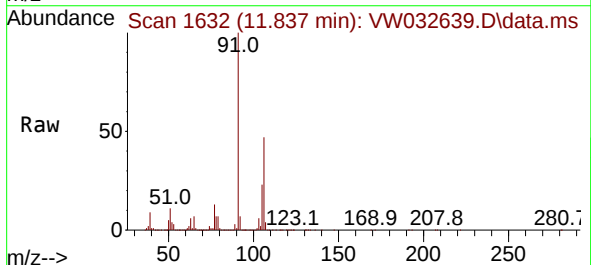
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

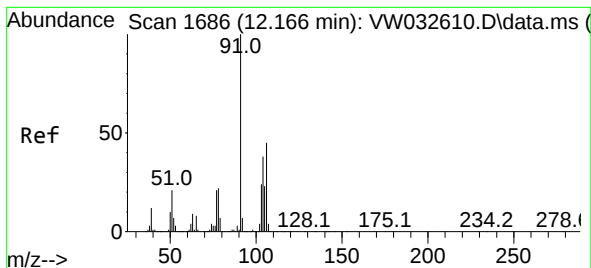
Tgt Ion: 91 Resp: 1033091
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.6



#68
m/p-Xylenes
Concen: 96.965 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion:106 Resp: 794062
Ion Ratio Lower Upper
106 100
91 208.2 165.6 248.4

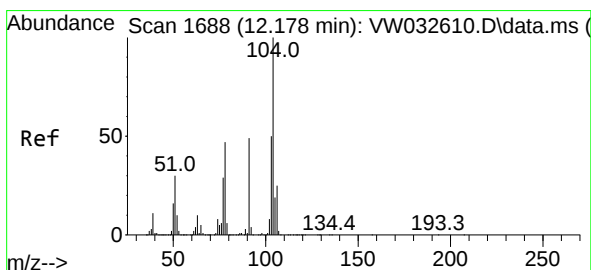
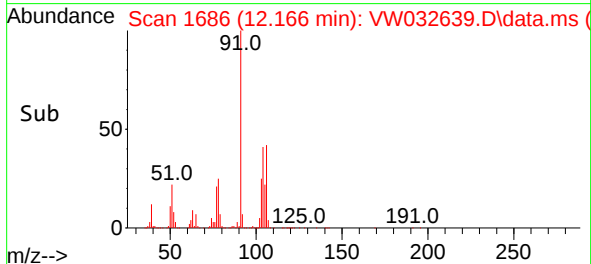
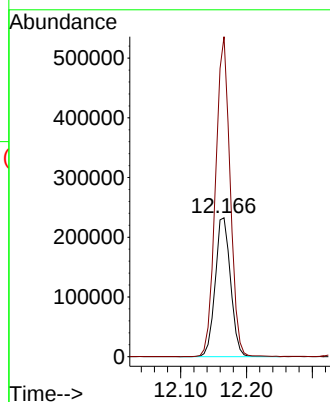
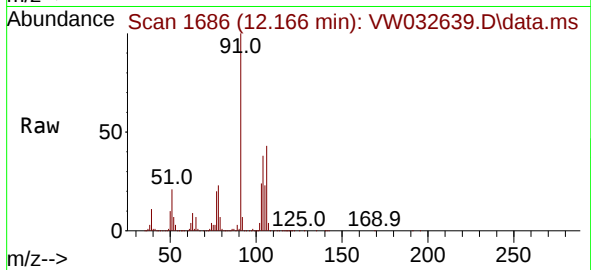




#69
o-Xylene
Concen: 49.868 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

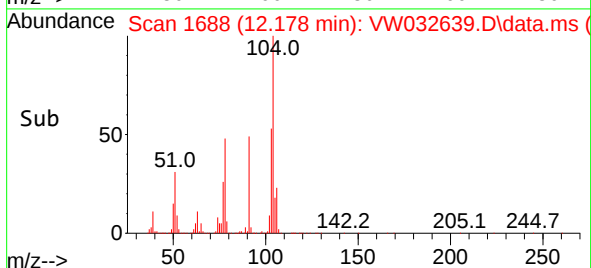
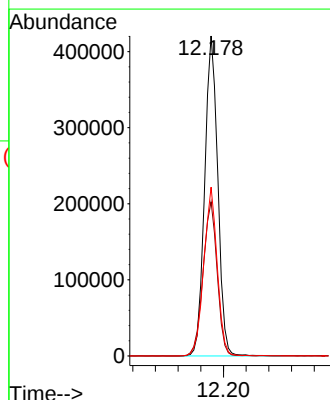
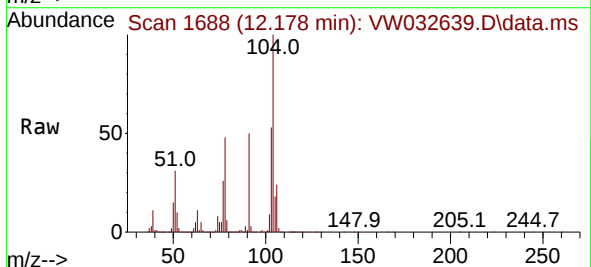
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

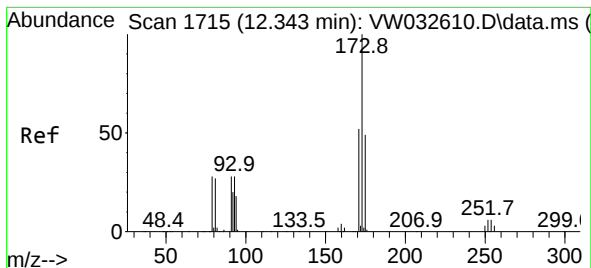
Tgt Ion:106 Resp: 376640
Ion Ratio Lower Upper
106 100
91 220.0 108.3 324.8



#70
Styrene
Concen: 51.281 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion:104 Resp: 675224
Ion Ratio Lower Upper
104 100
78 51.6 41.5 62.3
103 54.0 43.8 65.6





#71

Bromoform

Concen: 52.530 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

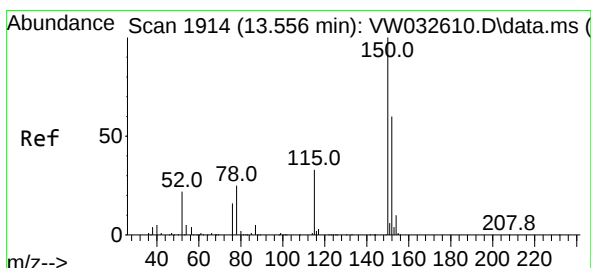
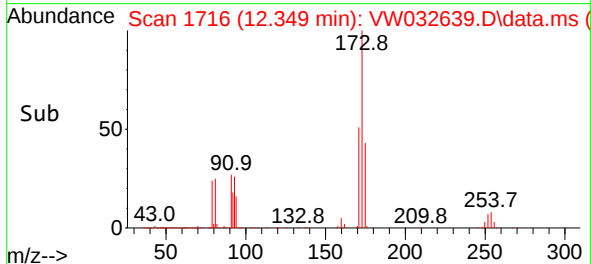
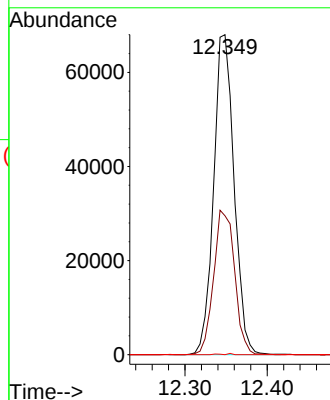
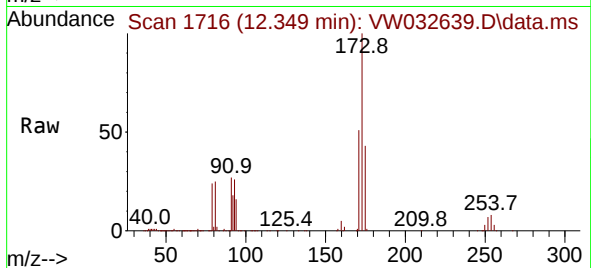
Tgt Ion:173 Resp: 117605

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

254 0.1 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: VW032639.D

Acq: 11 Dec 2025 17:32

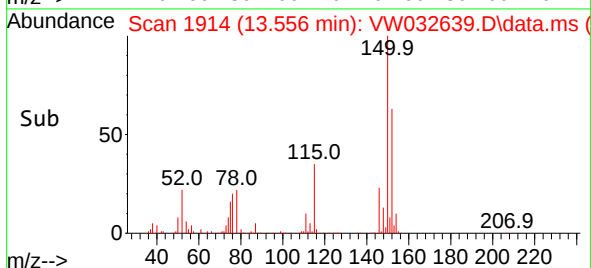
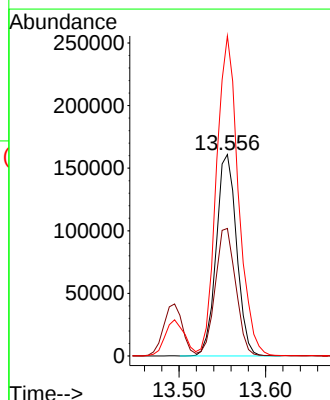
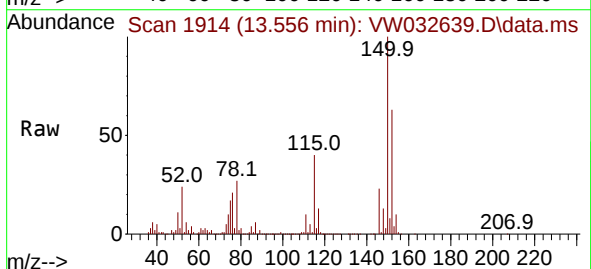
Tgt Ion:152 Resp: 262704

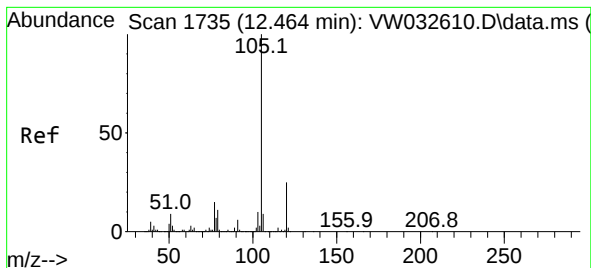
Ion Ratio Lower Upper

152 100

115 63.8 33.8 101.3

150 171.2 0.0 369.4





#73

Isopropylbenzene

Concen: 47.495 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

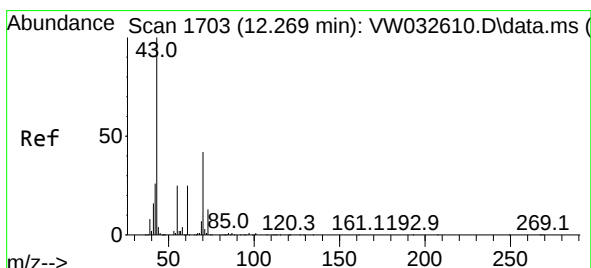
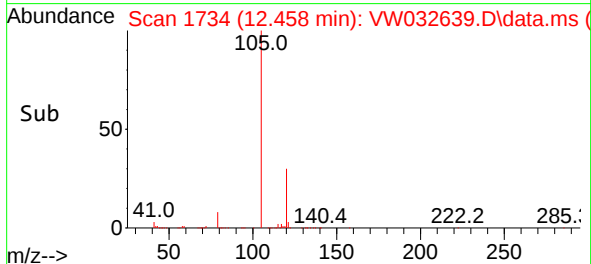
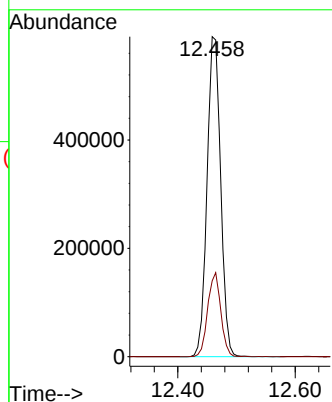
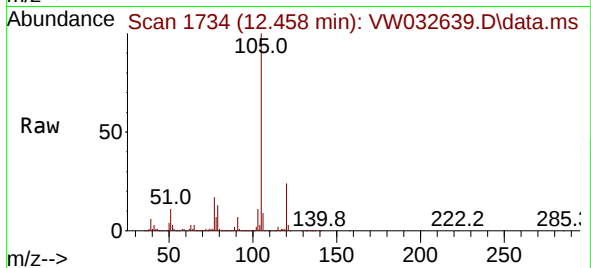
VSTDCCC050EC

Tgt Ion:105 Resp: 949009

Ion Ratio Lower Upper

105 100

120 25.3 13.0 39.0



#74

N-ethyl acetate

Concen: 49.862 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Tgt Ion: 43 Resp: 341356

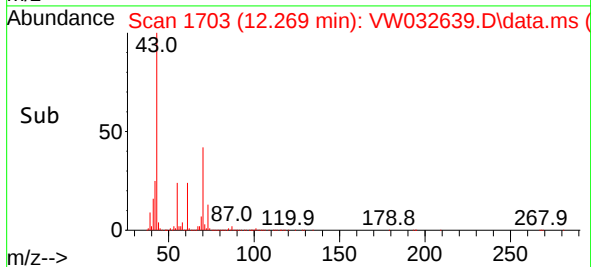
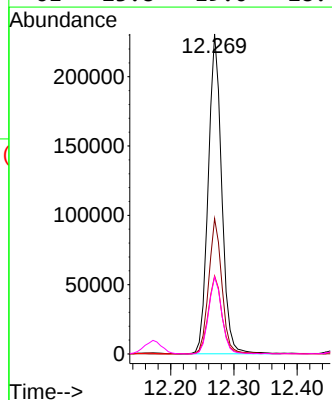
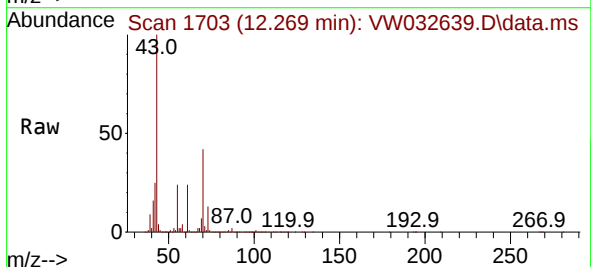
Ion Ratio Lower Upper

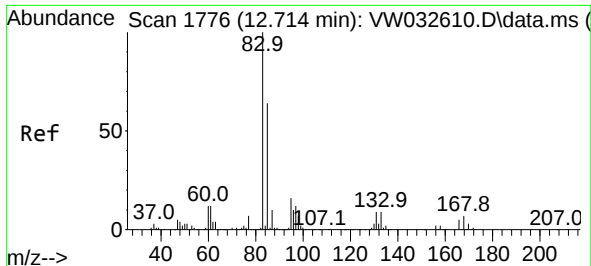
43 100

70 41.6 32.4 48.6

55 24.9 19.8 29.6

61 23.8 19.0 28.4

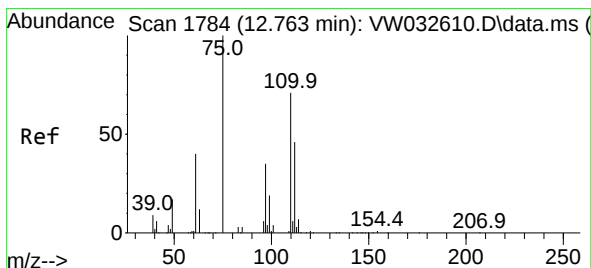
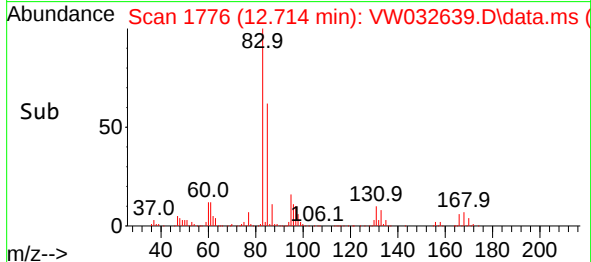
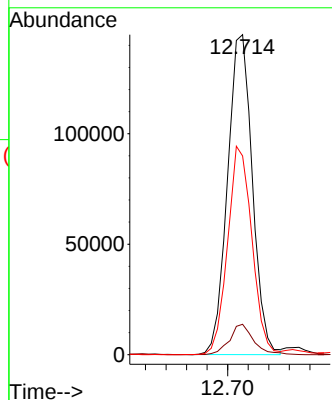
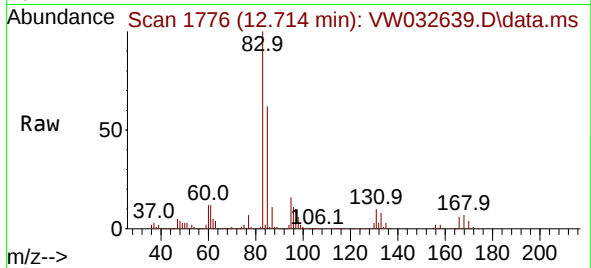




#75
1,1,2,2-Tetrachloroethane
Concen: 50.606 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

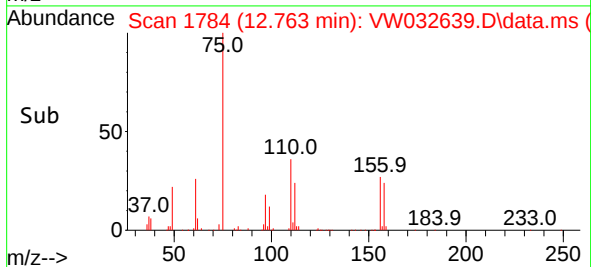
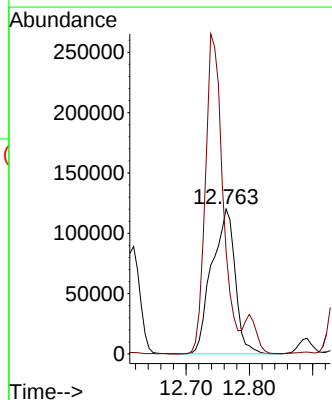
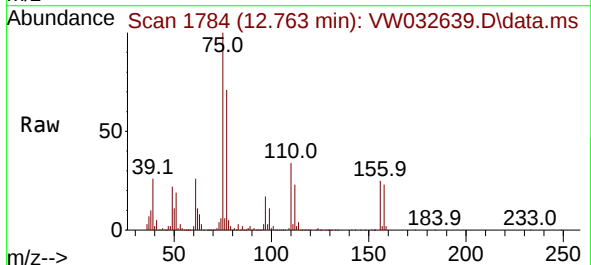
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

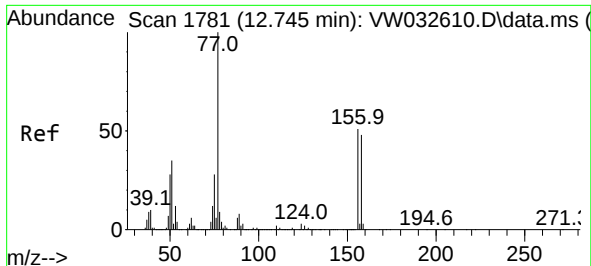
Tgt Ion: 83 Resp: 243439
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 63.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 87.209 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 75 Resp: 307427
Ion Ratio Lower Upper
75 100
77 0.0 154.0 462.0#

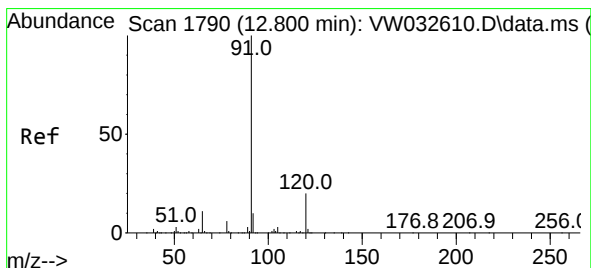
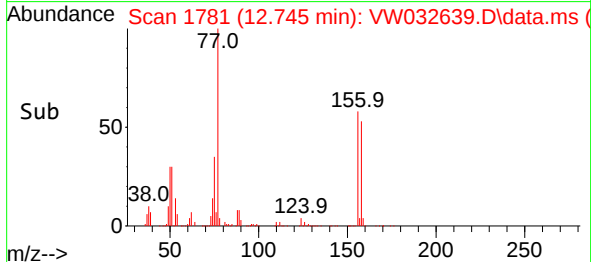
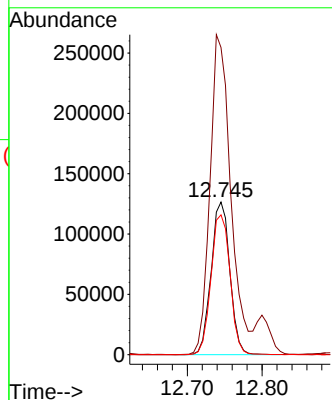
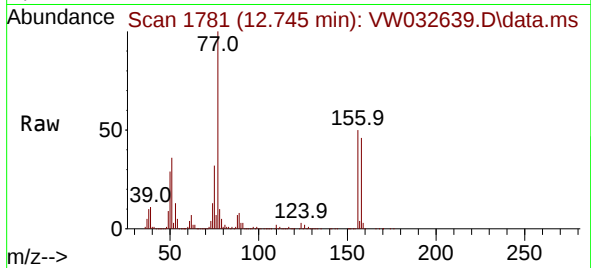




#77
 Bromobenzene
 Concen: 48.014 ug/l
 RT: 12.745 min Scan# 1781
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

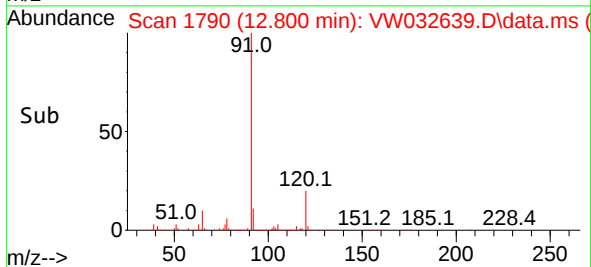
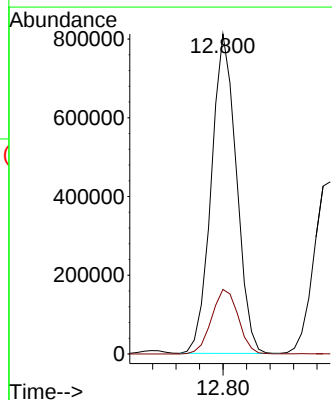
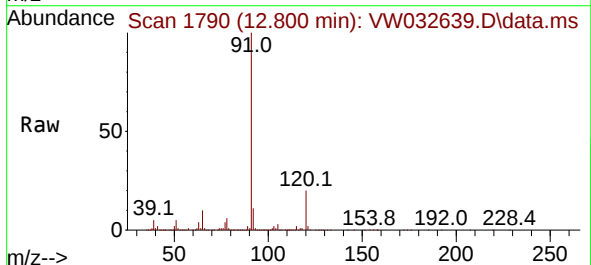
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

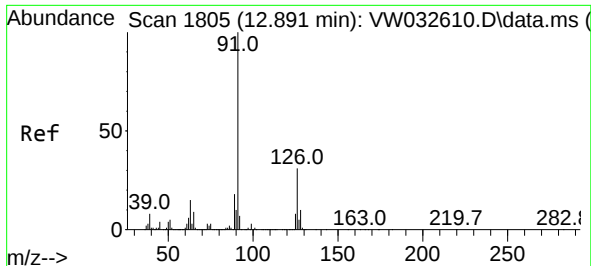
Tgt Ion:	156	Resp:	220149
Ion	Ratio	Lower	Upper
156	100		
77	230.2	116.7	350.1
158	93.3	49.9	149.7



#78
 n-propylbenzene
 Concen: 47.240 ug/l
 RT: 12.800 min Scan# 1790
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

Tgt Ion:	91	Resp:	1205718
Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.9	32.6

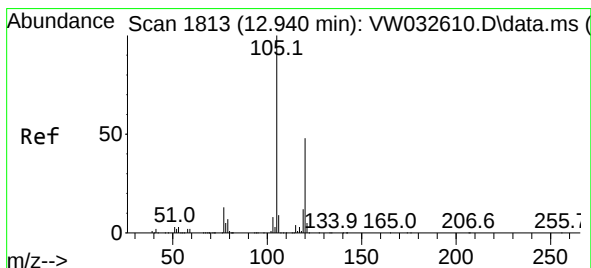
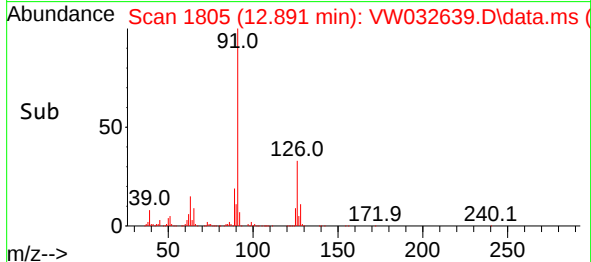
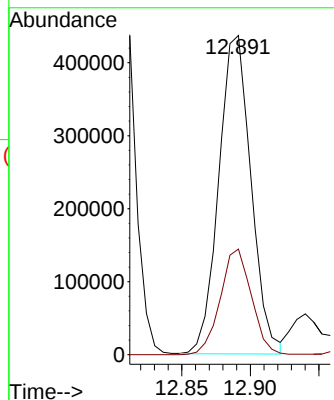
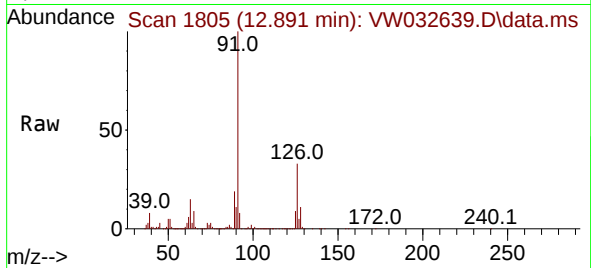




#79
2-Chlorotoluene
Concen: 47.692 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

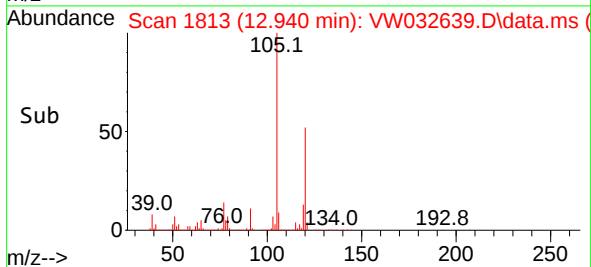
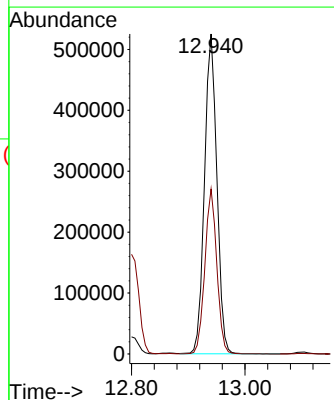
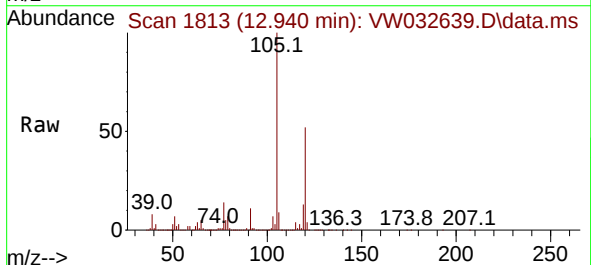
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

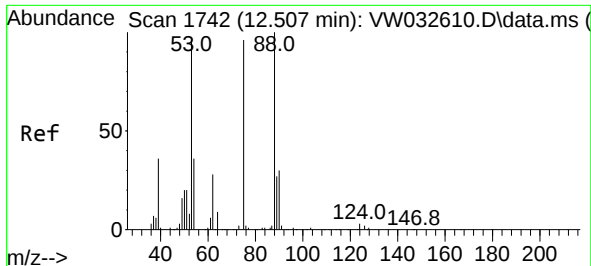
Tgt Ion: 91 Resp: 714512
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 47.448 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 105 Resp: 796325
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8

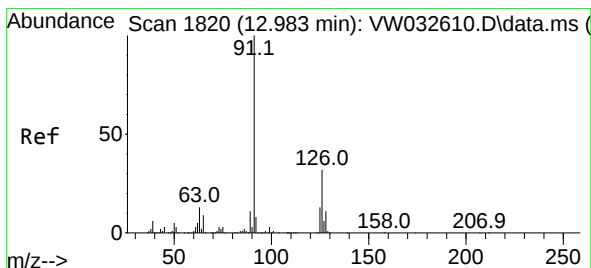
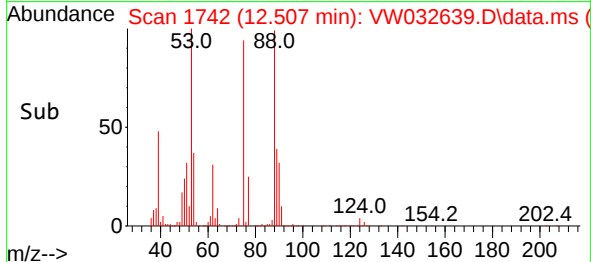
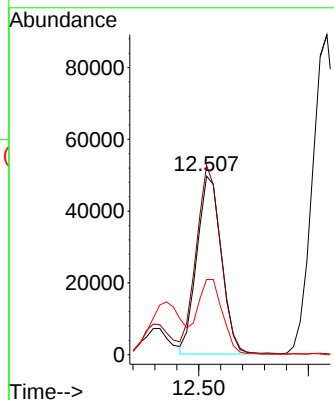
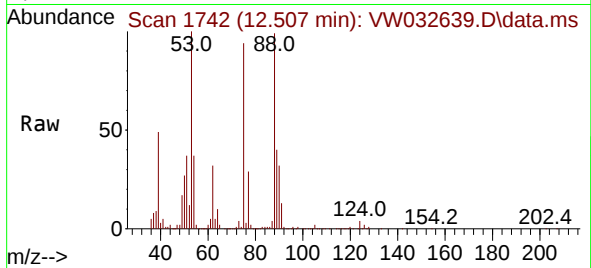




#81
trans-1,4-Dichloro-2-butene
Concen: 55.414 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

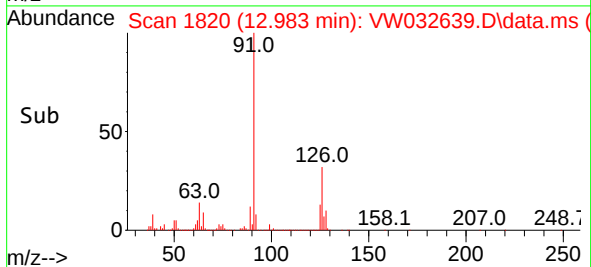
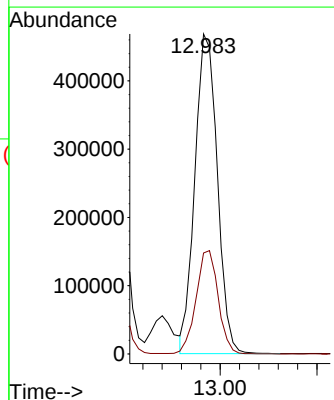
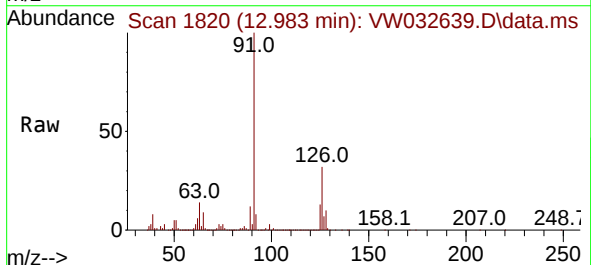
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

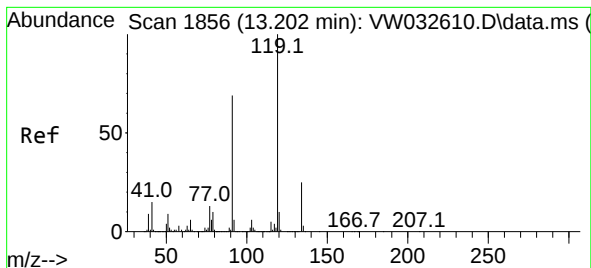
Tgt Ion: 75 Resp: 77449
Ion Ratio Lower Upper
75 100
53 105.8 86.1 129.1
89 43.2 37.4 56.2



#82
4-Chlorotoluene
Concen: 47.415 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion: 91 Resp: 754443
Ion Ratio Lower Upper
91 100
126 32.0 15.8 47.4

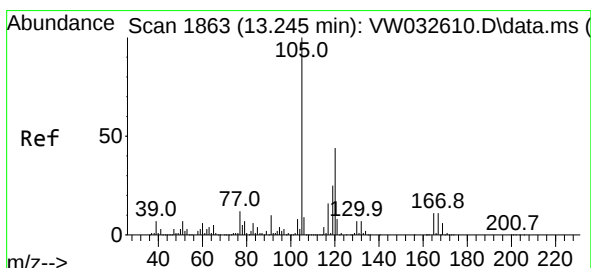
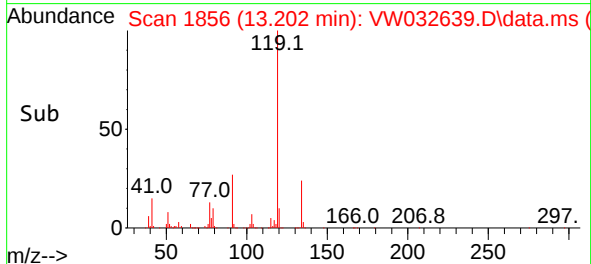
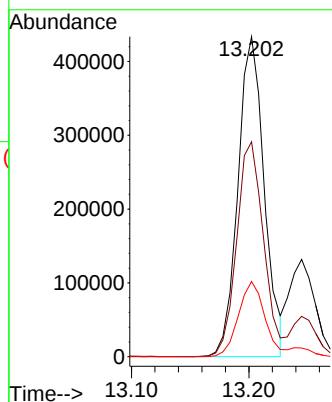
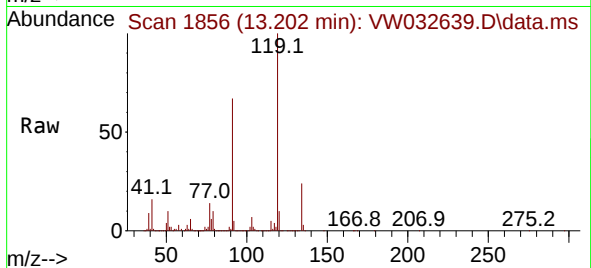




#83
 tert-Butylbenzene
 Concen: 47.142 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

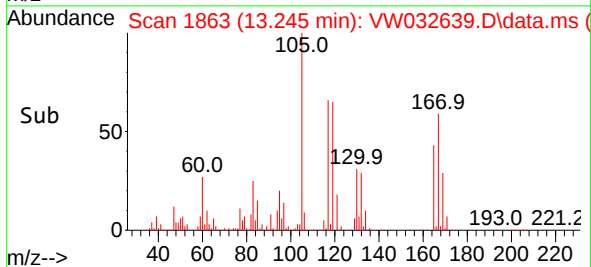
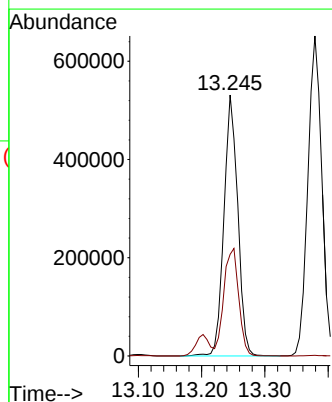
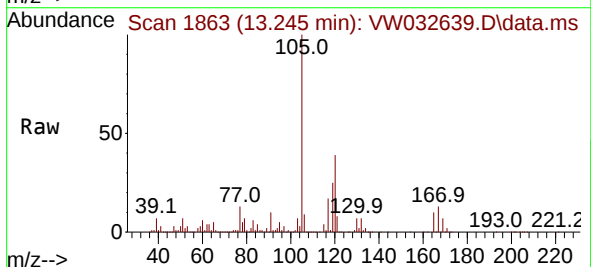
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

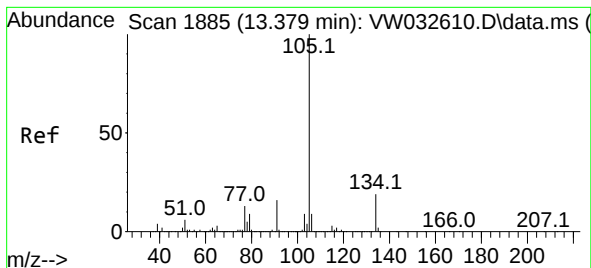
Tgt Ion:119 Resp: 673996
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.3 102.8
 134 23.8 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.482 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

Tgt Ion:105 Resp: 803683
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.0

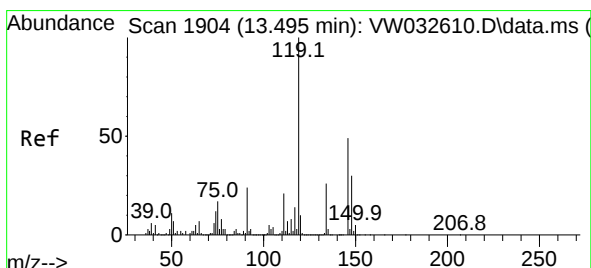
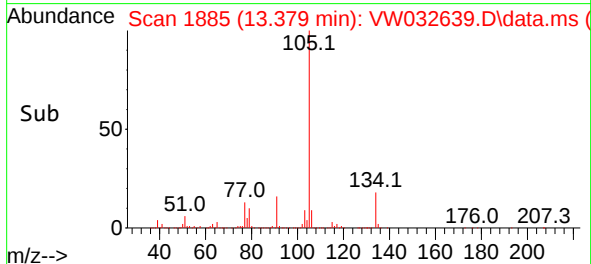
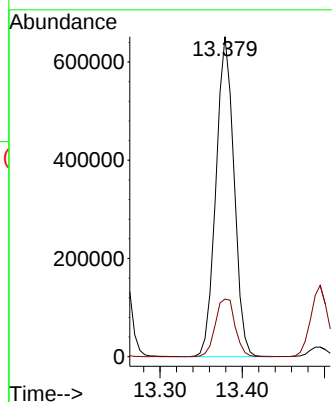
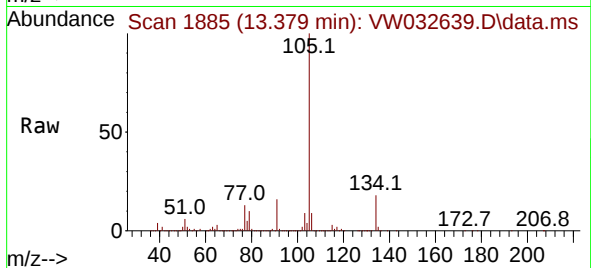




#85
 sec-Butylbenzene
 Concen: 45.432 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

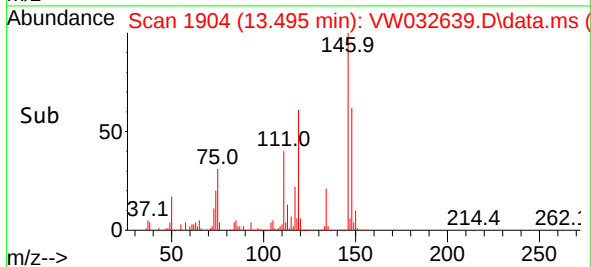
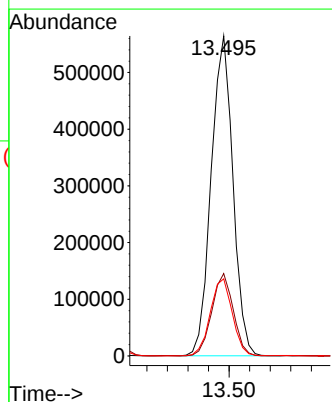
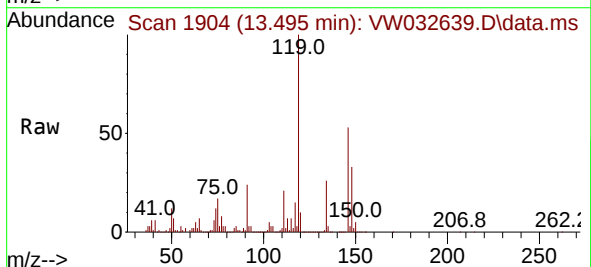
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

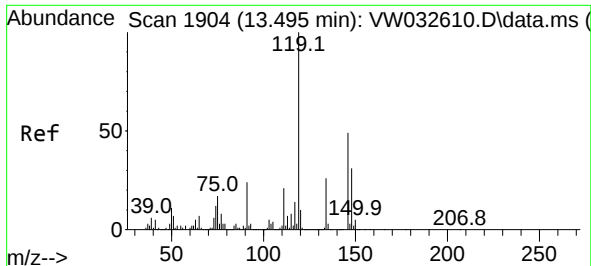
Tgt Ion:105 Resp: 994520
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 46.395 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

Tgt Ion:119 Resp: 826036
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.843 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

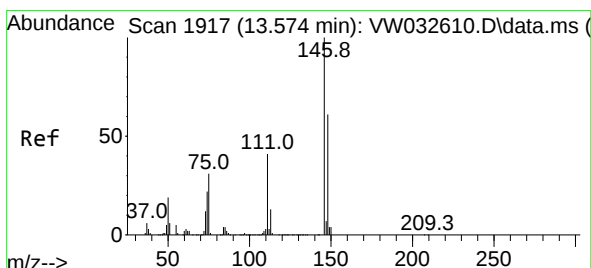
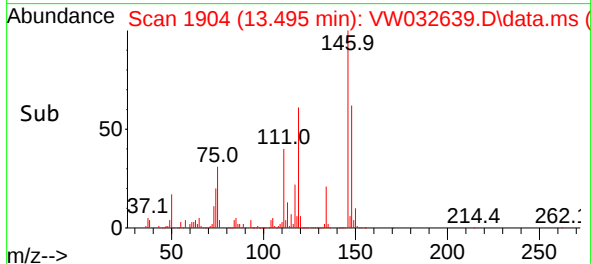
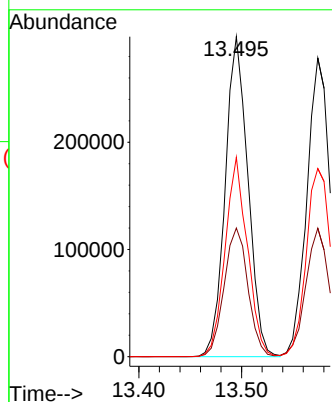
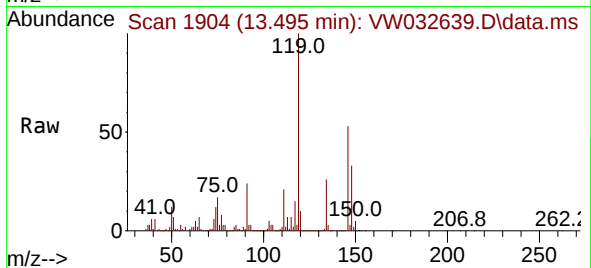
Tgt Ion:146 Resp: 458384

Ion Ratio Lower Upper

146 100

111 42.0 21.6 64.6

148 61.2 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 47.225 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

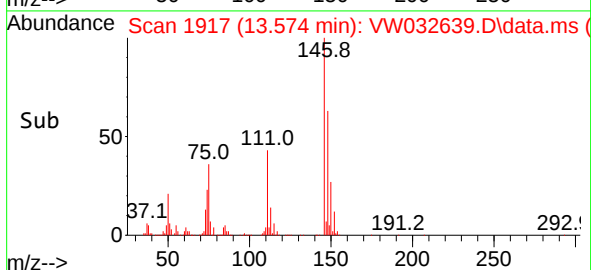
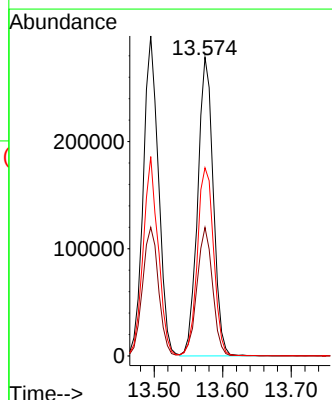
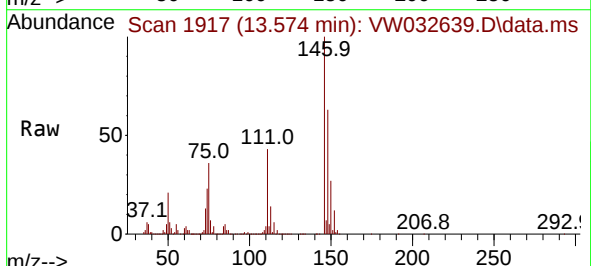
Tgt Ion:146 Resp: 441335

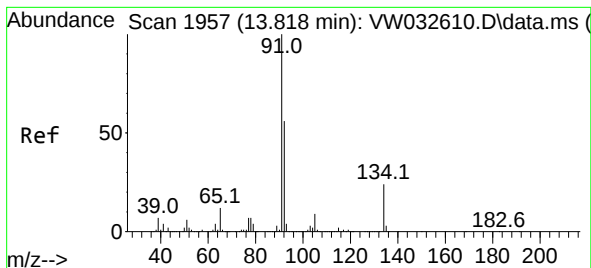
Ion Ratio Lower Upper

146 100

111 42.9 20.9 62.8

148 65.9 30.4 91.2





#89

n-Butylbenzene

Concen: 45.445 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

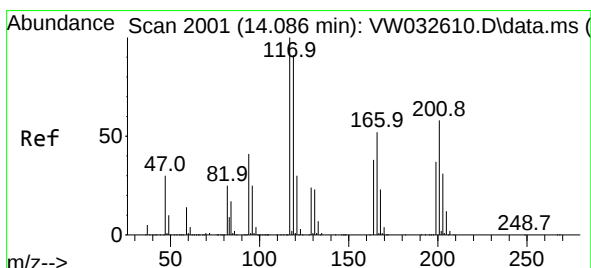
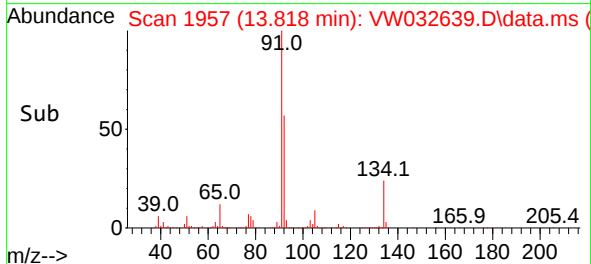
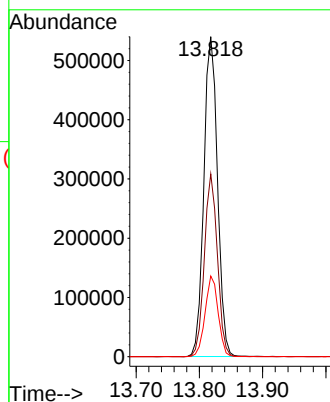
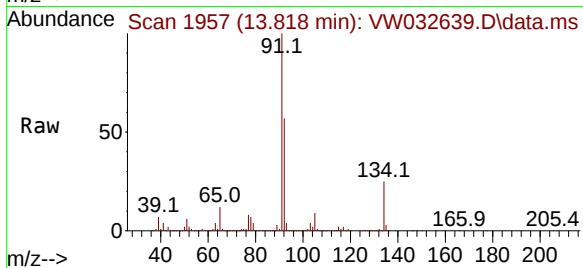
Tgt Ion: 91 Resp: 812919

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.0

134 24.2 11.8 35.4



#90

Hexachloroethane

Concen: 46.114 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032639.D

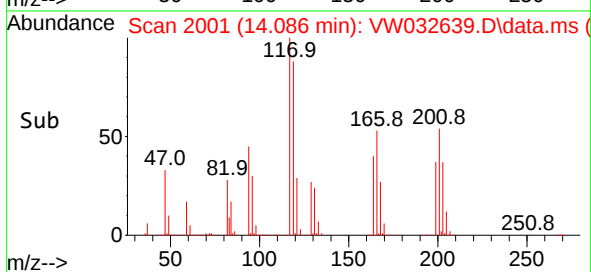
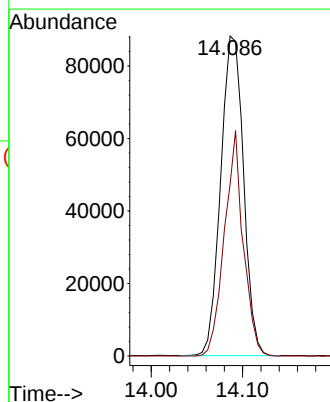
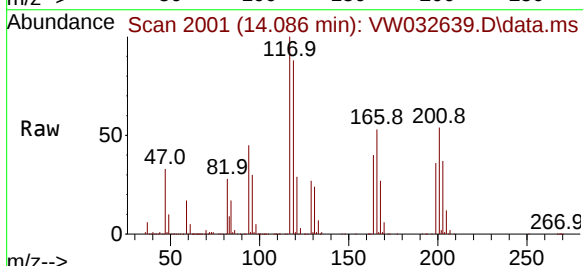
Acq: 11 Dec 2025 17:32

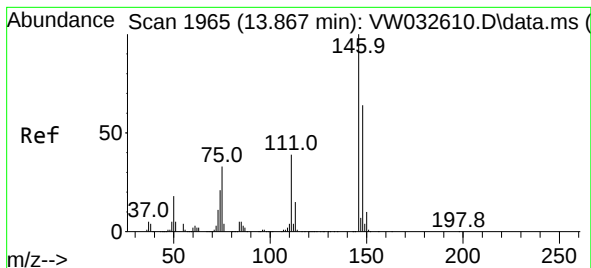
Tgt Ion: 117 Resp: 153349

Ion Ratio Lower Upper

117 100

201 58.1 30.4 91.2

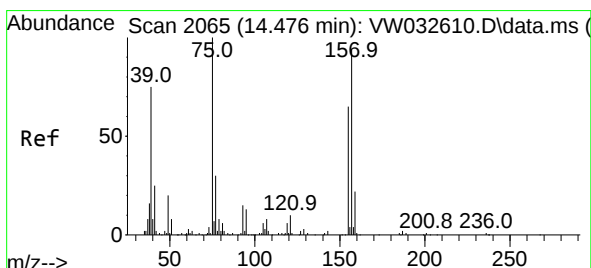
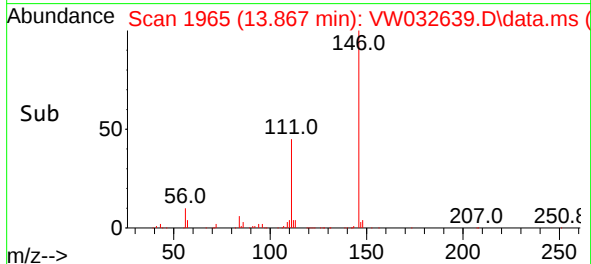
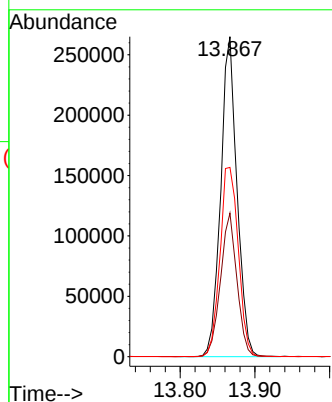
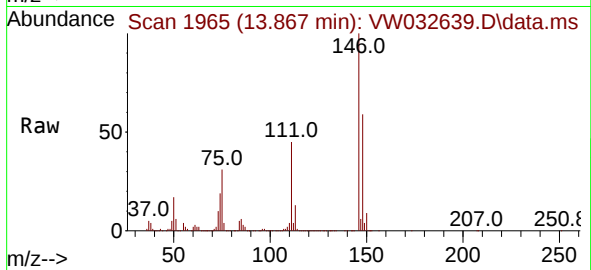




#91
 1,2-Dichlorobenzene
 Concen: 47.643 ug/l
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

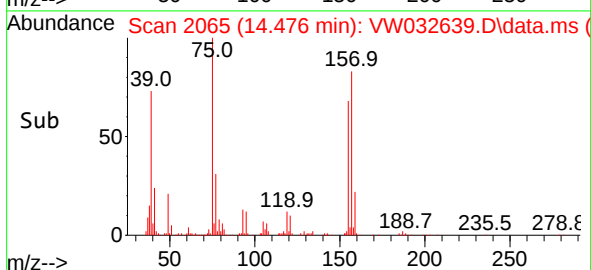
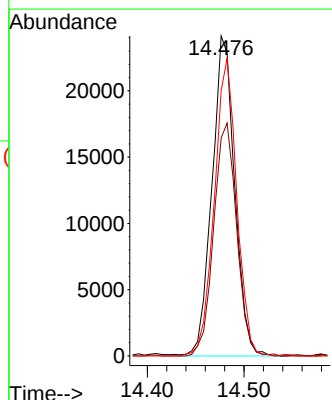
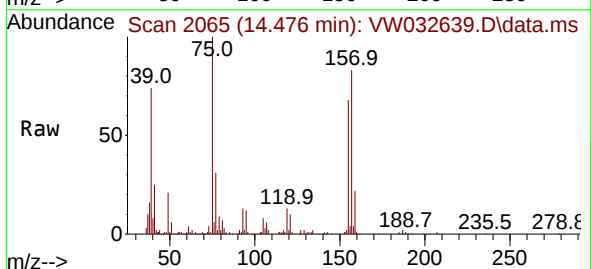
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

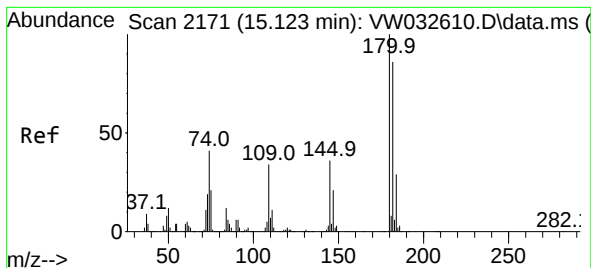
Tgt Ion:146 Resp: 403587
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.5 64.5
 148 66.5 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.928 ug/l
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW032639.D
 Acq: 11 Dec 2025 17:32

Tgt Ion: 75 Resp: 39240
 Ion Ratio Lower Upper
 75 100
 155 73.9 35.3 105.9
 157 91.8 44.8 134.4

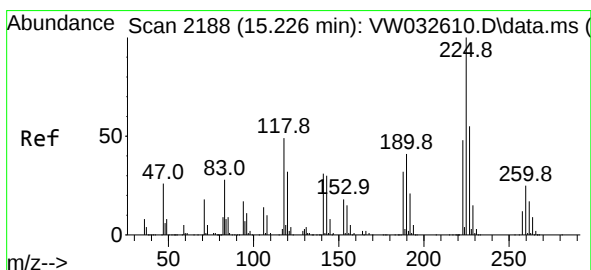
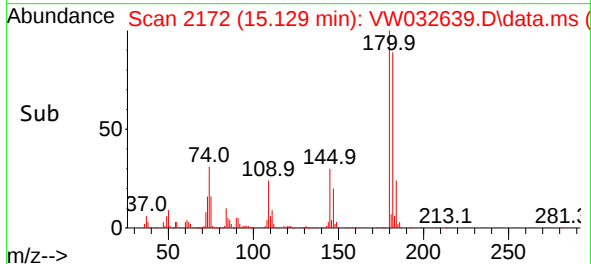
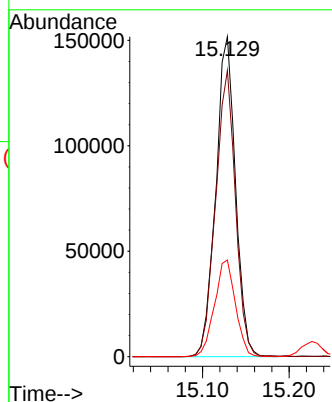
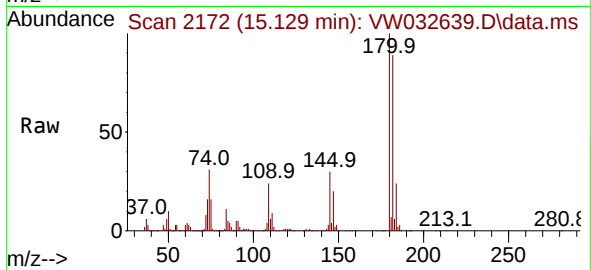




#93
1,2,4-Trichlorobenzene
Concen: 47.782 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

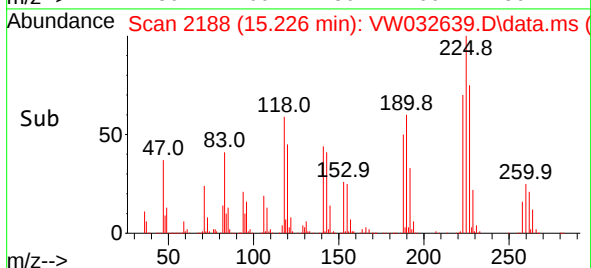
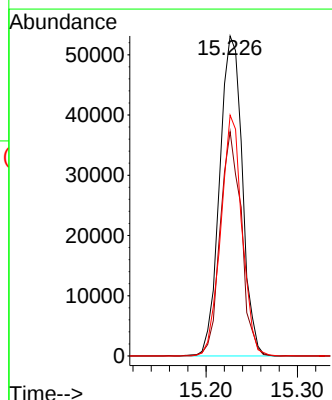
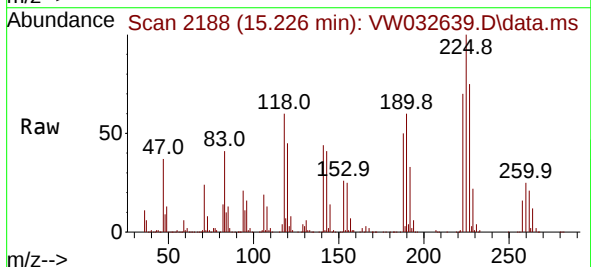
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

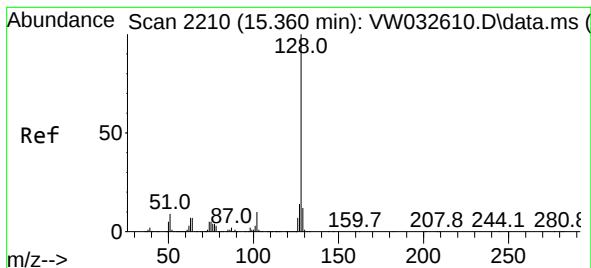
Tgt Ion:180 Resp: 240407
Ion Ratio Lower Upper
180 100
182 90.1 46.9 140.6
145 32.1 17.1 51.3



#94
Hexachlorobutadiene
Concen: 38.454 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032639.D
Acq: 11 Dec 2025 17:32

Tgt Ion:225 Resp: 91457
Ion Ratio Lower Upper
225 100
223 65.3 30.3 90.8
227 70.6 29.1 87.4





#95

Naphthalene

Concen: 57.072 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

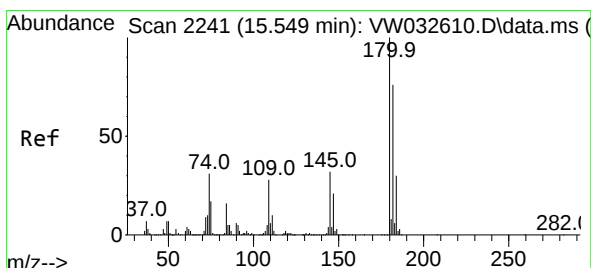
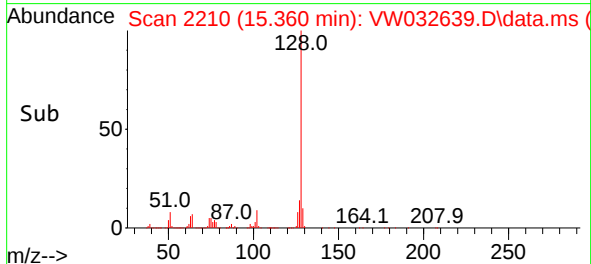
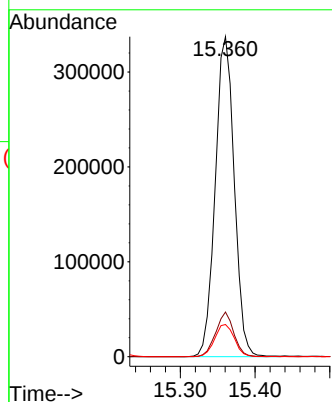
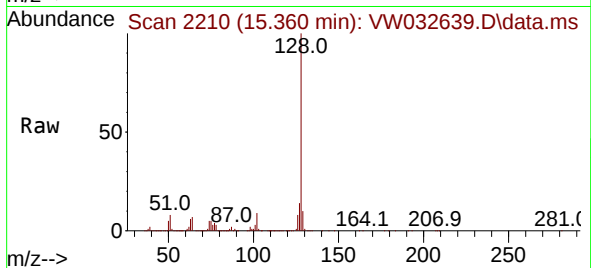
Tgt Ion:128 Resp: 594590

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.5 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 46.282 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032639.D

Acq: 11 Dec 2025 17:32

Tgt Ion:180 Resp: 220112

Ion Ratio Lower Upper

180 100

182 90.7 45.9 137.6

145 34.2 17.0 51.0

