

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032656.D
 Acq On : 16 Dec 2025 14:53
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 17 00:41:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	378756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	666448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	614875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	267869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	711029	130.865	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 261.740%#	
35) Dibromofluoromethane	7.898	113	598905	138.288	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 276.580%#	
50) Toluene-d8	10.325	98	2220809	136.082	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 272.160%#	
62) 4-Bromofluorobenzene	12.617	95	822142	136.967	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 273.940%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.040	85	297847	135.140	ug/l	99
3) Chloromethane	2.253	50	510354	130.472	ug/l	99
4) Vinyl Chloride	2.399	62	648037	130.751	ug/l	99
5) Bromomethane	2.808	94	430664	132.973	ug/l	97
6) Chloroethane	2.954	64	438161	137.004	ug/l	97
7) Trichlorofluoromethane	3.295	101	636374	146.888	ug/l	96
8) Diethyl Ether	3.716	74	384711	140.186	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	573609	132.976	ug/l	97
10) Methyl Iodide	4.307	142	830206	136.259	ug/l	100
11) Tert butyl alcohol	5.216	59	272271	759.063	ug/l	97
12) 1,1-Dichloroethene	4.076	96	614463	135.611	ug/l	97
13) Acrolein	3.923	56	317182	618.838	ug/l	98
14) Allyl chloride	4.704	41	1203131	146.036	ug/l	100
15) Acrylonitrile	5.399	53	1118506	740.596	ug/l	99
16) Acetone	4.161	43	1161011	622.122	ug/l	100
17) Carbon Disulfide	4.411	76	1769243	138.839	ug/l	99
18) Methyl Acetate	4.704	43	548228	153.239	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	1320846	142.765	ug/l	97
20) Methylene Chloride	4.948	84	719917	151.891	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	683996	139.568	ug/l	96
22) Diisopropyl ether	6.338	45	2369238	142.752	ug/l	96
23) Vinyl Acetate	6.283	43	8288479	752.023	ug/l	99
24) 1,1-Dichloroethane	6.240	63	1354670	140.632	ug/l	99
25) 2-Butanone	7.191	43	1531766	722.092	ug/l	97
26) 2,2-Dichloropropane	7.185	77	789172	136.858	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	835620	145.864	ug/l	99
28) Bromochloromethane	7.532	49	574686	157.651	ug/l	100
29) Tetrahydrofuran	7.551	42	973339	761.836	ug/l	99
30) Chloroform	7.691	83	1315072	137.166	ug/l	98
31) Cyclohexane	7.971	56	1174546	131.526	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	995427	136.323	ug/l	99
36) 1,1-Dichloropropene	8.099	75	935663	139.507	ug/l	99
37) Ethyl Acetate	7.270	43	674446	151.420	ug/l	99
38) Carbon Tetrachloride	8.081	117	908864	143.153	ug/l	96
39) Methylcyclohexane	9.343	83	1259513	149.957	ug/l	97
40) Benzene	8.337	78	2833240	140.633	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	389842	157.888	ug/l	98
42) 1,2-Dichloroethane	8.410	62	905607	142.059	ug/l	100
43) Isopropyl Acetate	8.435	43	1210238	156.074	ug/l	99
44) Trichloroethene	9.099	130	678327	145.578	ug/l	92
45) 1,2-Dichloropropane	9.374	63	733863	142.830	ug/l	97
46) Dibromomethane	9.465	93	424720	143.693	ug/l	99
47) Bromodichloromethane	9.648	83	1031562	148.081	ug/l	98
48) Methyl methacrylate	9.441	41	611827	163.888	ug/l	94
49) 1,4-Dioxane	9.465	88	120095	3202.409	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	3253410	747.036	ug/l	98
52) Toluene	10.392	92	1804731	145.478	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	1048122	154.640	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	1192941	151.337	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	565433	141.100	ug/l	99
56) Ethyl methacrylate	10.648	69	910378	163.590	ug/l	98
57) 1,3-Dichloropropane	10.934	76	1045556	147.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	2266282	766.299	ug/l	99
59) 2-Hexanone	10.971	43	2346099	747.792	ug/l	99
60) Dibromochloromethane	11.129	129	674301	151.849	ug/l	97
61) 1,2-Dibromoethane	11.233	107	555948	145.540	ug/l	98
64) Tetrachloroethene	10.867	164	564078	143.804	ug/l	90
65) Chlorobenzene	11.660	112	1970007	140.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	598116	139.818	ug/l	91
67) Ethyl Benzene	11.727	91	3453268	144.580	ug/l	98
68) m/p-Xylenes	11.837	106	2598549	285.244	ug/l	98
69) o-Xylene	12.166	106	1234309	148.309	ug/l	99
70) Styrene	12.178	104	2132891	147.086	ug/l	99
71) Bromoform	12.349	173	362723	151.765	ug/l #	99
73) Isopropylbenzene	12.458	105	3194850	158.509	ug/l	99
74) N-amyl acetate	12.269	43	1084099	164.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	705964	147.372	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	520344m	85.043	ug/l	
77) Bromobenzene	12.745	156	687092	147.947	ug/l	95
78) n-propylbenzene	12.800	91	3883898	152.084	ug/l	98
79) 2-Chlorotoluene	12.891	91	2264901	148.888	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	2597066	154.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	260891	166.979	ug/l	91
82) 4-Chlorotoluene	12.983	91	2335235	144.562	ug/l	99
83) tert-Butylbenzene	13.202	119	2239568	155.295	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	2584887	151.405	ug/l	98
85) sec-Butylbenzene	13.379	105	3328383	151.275	ug/l	100
86) p-Isopropyltoluene	13.495	119	2754948	152.911	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	1341515	143.521	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	1369308	145.824	ug/l	98
89) n-Butylbenzene	13.818	91	2803703	154.746	ug/l	99
90) Hexachloroethane	14.086	117	523621	154.636	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	1267508	149.792	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	130117	157.844	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	793067	158.334	ug/l	97
94) Hexachlorobutadiene	15.232	225	358625	153.214	ug/l	97
95) Naphthalene	15.354	128	1989351	168.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	736702	163.710	ug/l	98

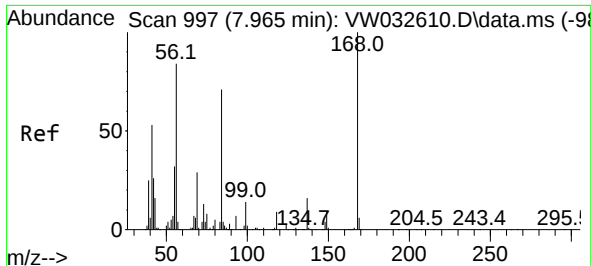
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
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Quant Title : SW846 8260
QLast Update : Wed Dec 17 00:33:11 2025
Response via : Initial Calibration

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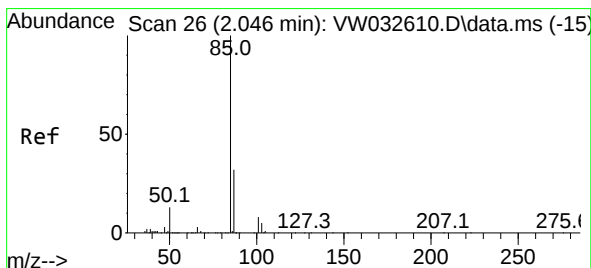
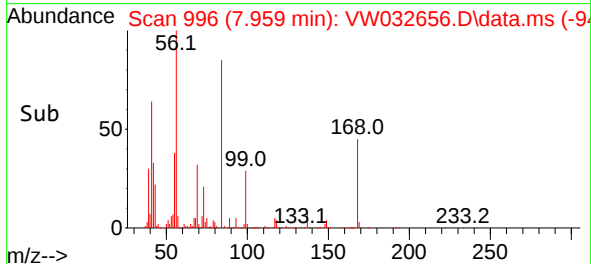
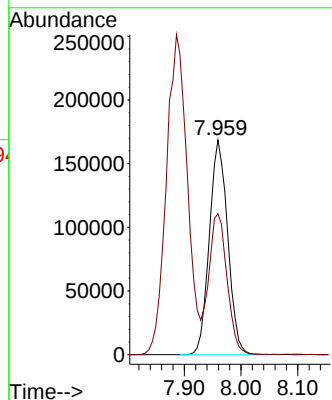
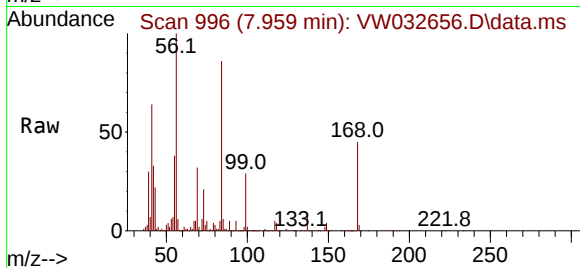
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032656.D
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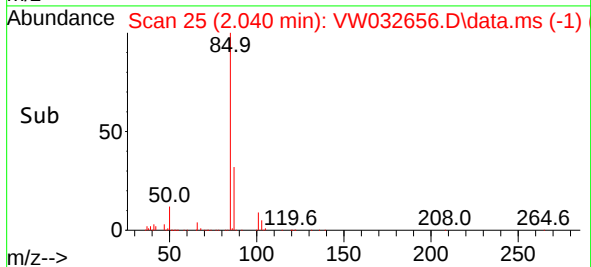
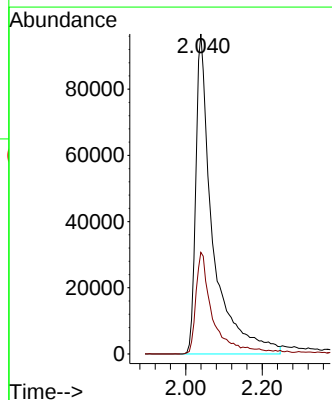
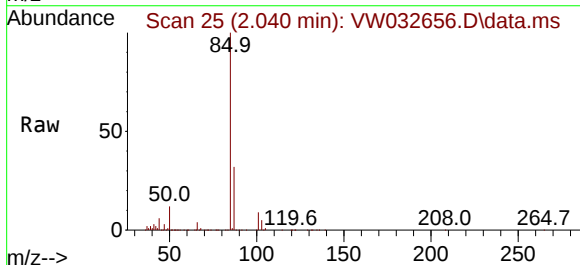
Instrument :
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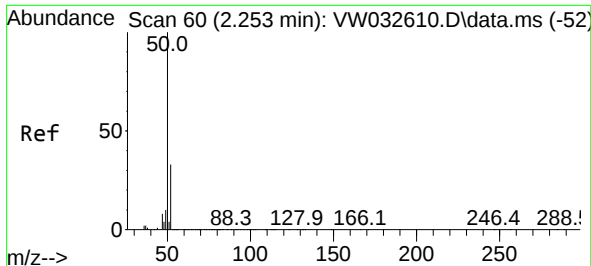
Tgt Ion:168 Resp: 378756
Ion Ratio Lower Upper
168 100
99 65.6 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 135.140 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 85 Resp: 297847
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.3

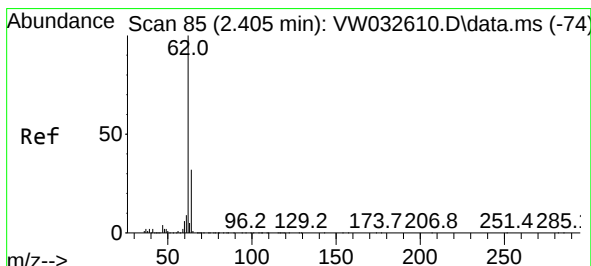
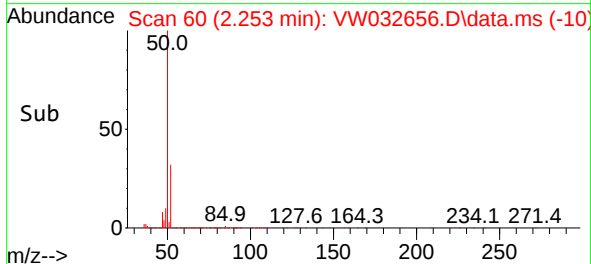
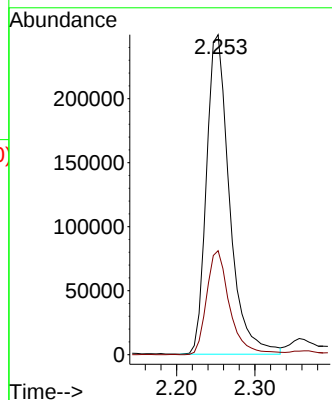
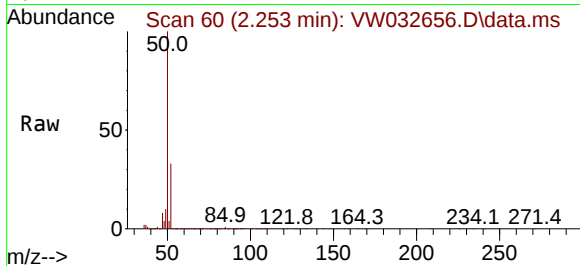




#3
Chloromethane
Concen: 130.472 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

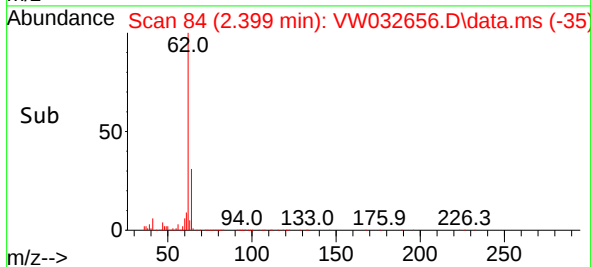
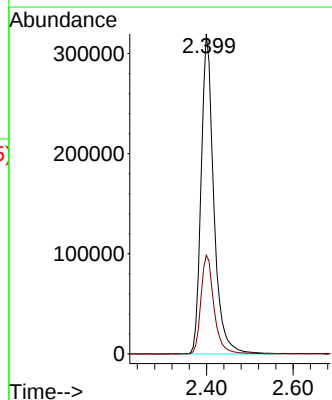
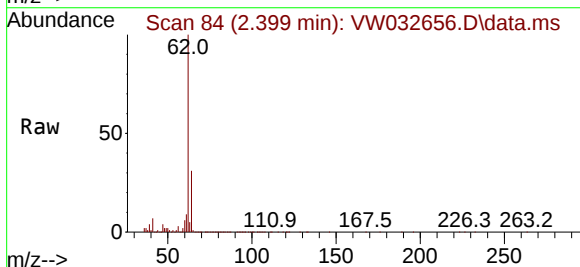
Instrument :
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ClientSampleId :
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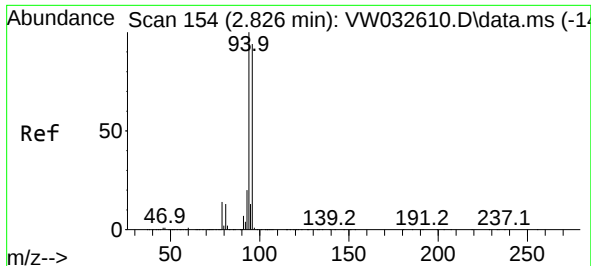
Tgt Ion: 50 Resp: 510354
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 130.751 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 62 Resp: 648037
Ion Ratio Lower Upper
62 100
64 30.8 25.3 37.9

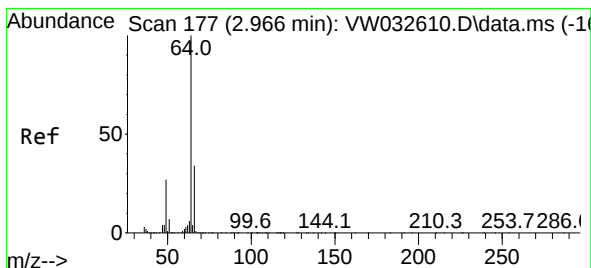
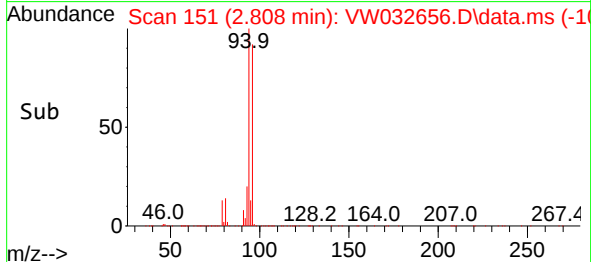
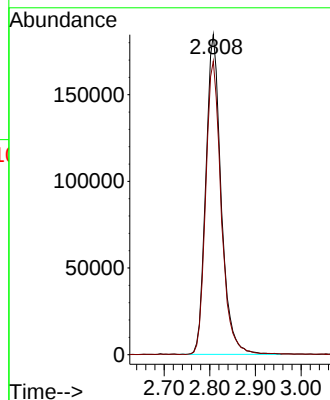
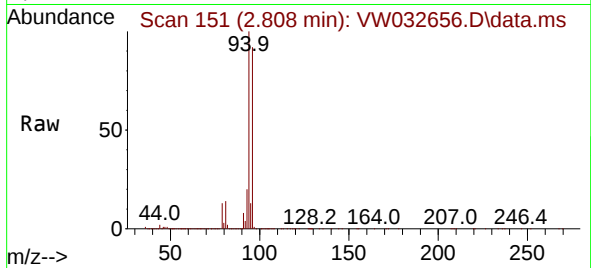




#5
Bromomethane
Concen: 132.973 ug/l
RT: 2.808 min Scan# 111
Delta R.T. -0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

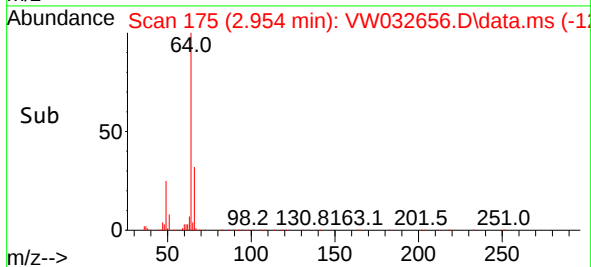
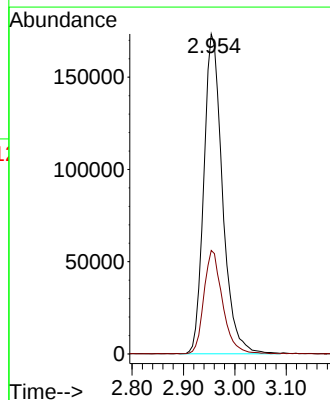
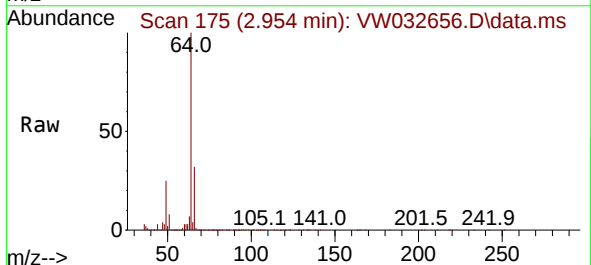
Instrument :
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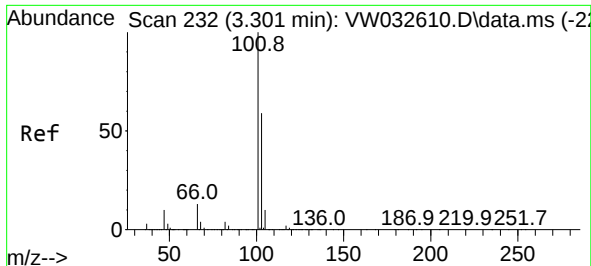
Tgt Ion: 94 Resp: 430664
Ion Ratio Lower Upper
94 100
96 91.8 75.4 113.2



#6
Chloroethane
Concen: 137.004 ug/l
RT: 2.954 min Scan# 175
Delta R.T. -0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 64 Resp: 438161
Ion Ratio Lower Upper
64 100
66 32.3 27.3 40.9

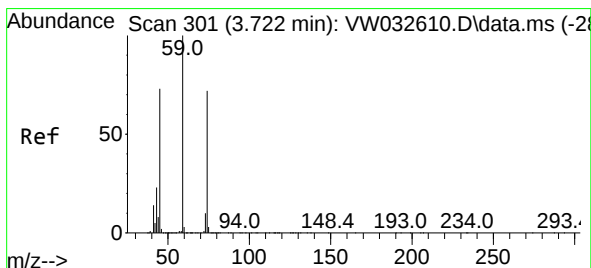
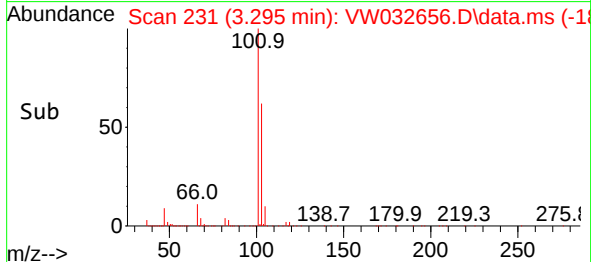
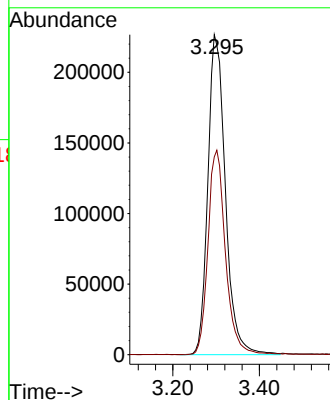
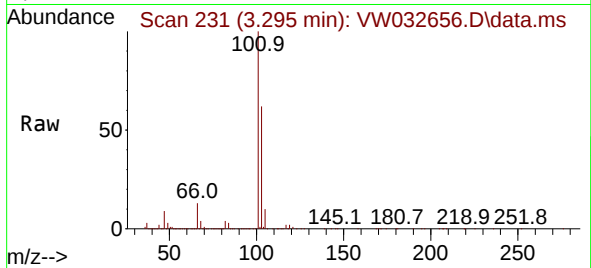




#7
Trichlorofluoromethane
Concen: 146.888 ug/l
RT: 3.295 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

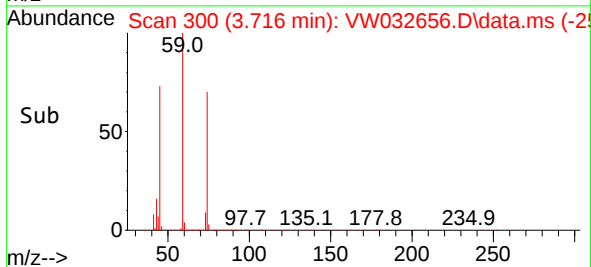
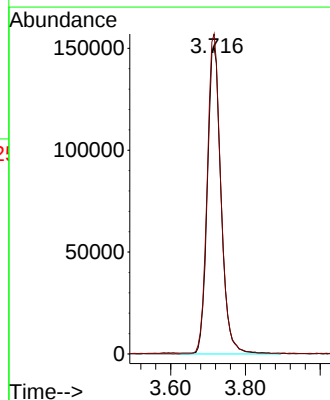
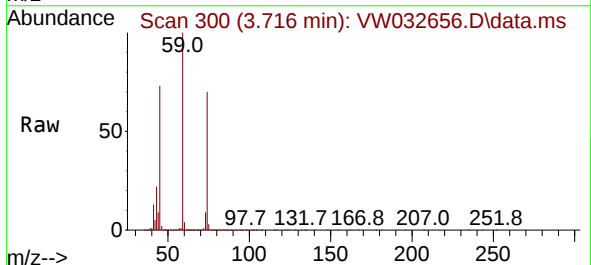
Instrument :
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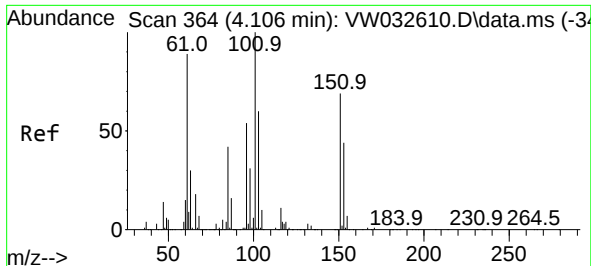
Tgt Ion:101 Resp: 636374
Ion Ratio Lower Upper
101 100
103 61.8 47.3 70.9



#8
Diethyl Ether
Concen: 140.186 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 74 Resp: 384711
Ion Ratio Lower Upper
74 100
45 102.1 52.4 157.2

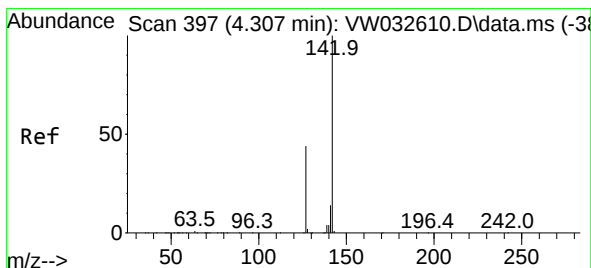
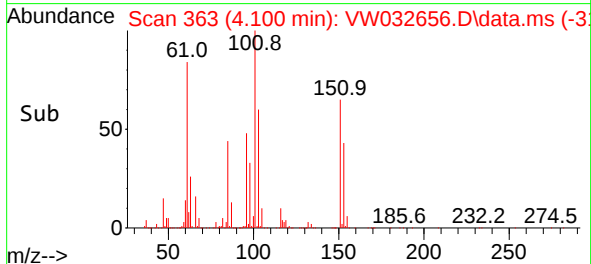
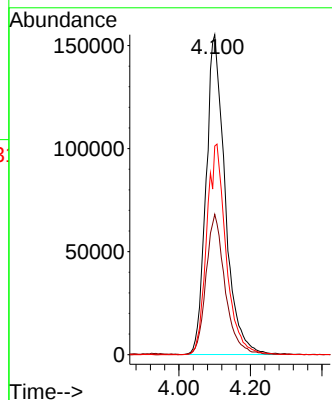
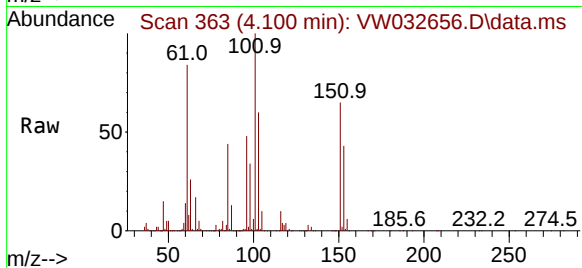




#9
1,1,2-Trichlorotrifluoroethane
Concen: 132.976 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032656.D
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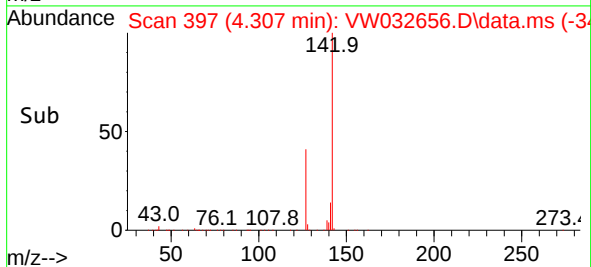
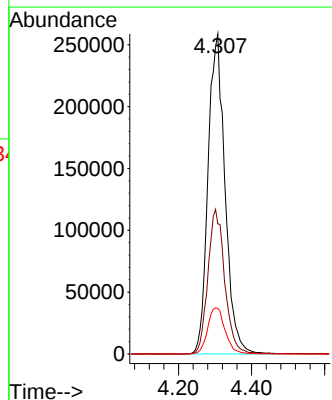
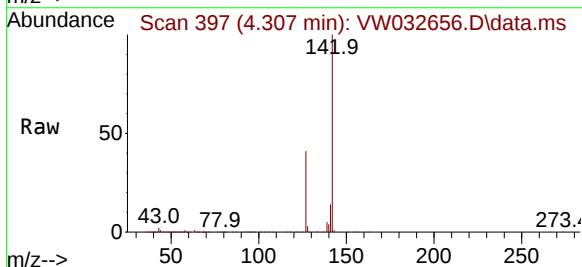
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

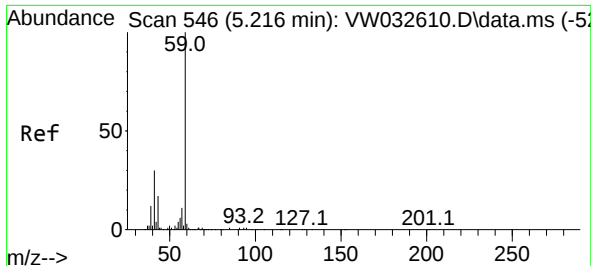
Tgt Ion:101 Resp: 573609
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.2
151 67.0 56.7 85.1



#10
Methyl Iodide
Concen: 136.259 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion:142 Resp: 830206
Ion Ratio Lower Upper
142 100
127 45.0 36.0 54.0
141 14.8 11.6 17.4

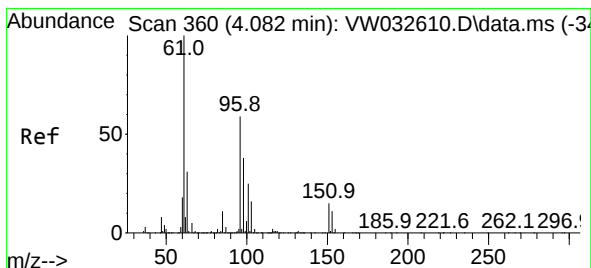
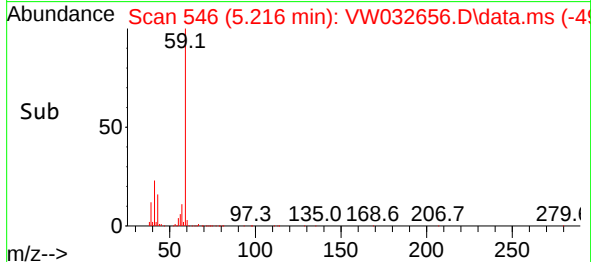
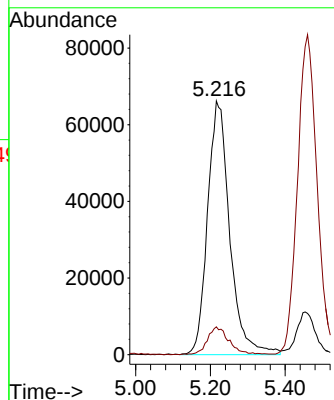
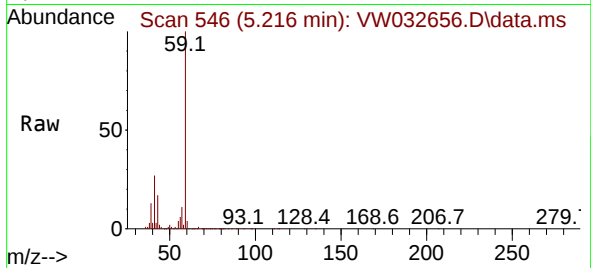




#11
Tert butyl alcohol
Concen: 759.063 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

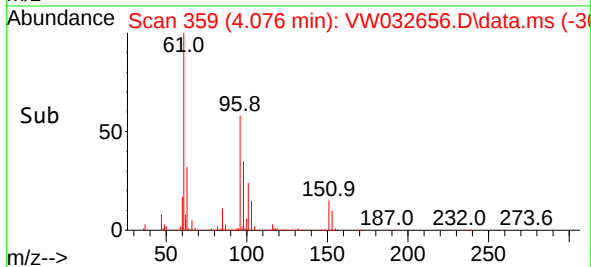
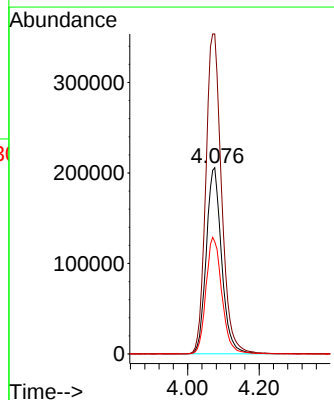
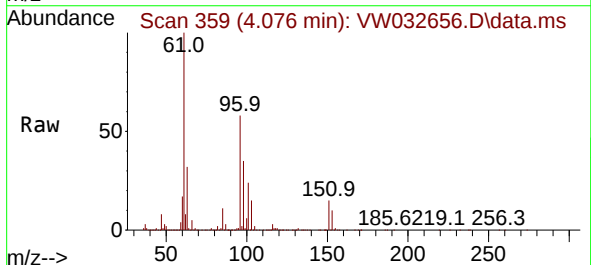
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

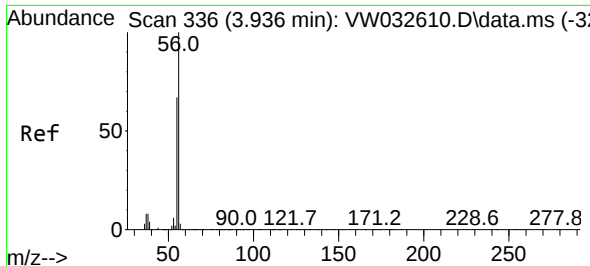
Tgt Ion: 59 Resp: 272271
Ion Ratio Lower Upper
59 100
57 10.6 9.4 14.0



#12
1,1-Dichloroethene
Concen: 135.611 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 96 Resp: 614463
Ion Ratio Lower Upper
96 100
61 171.8 134.6 202.0
98 60.3 51.1 76.7

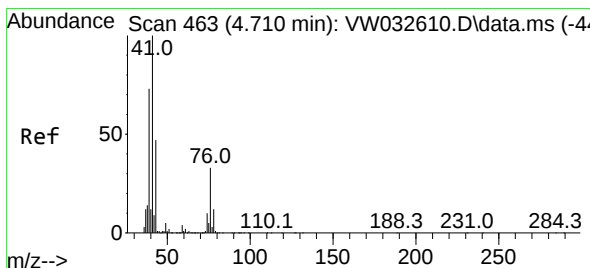
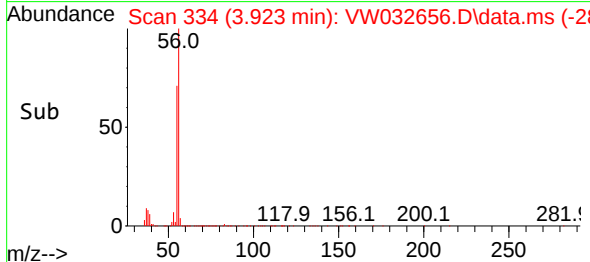
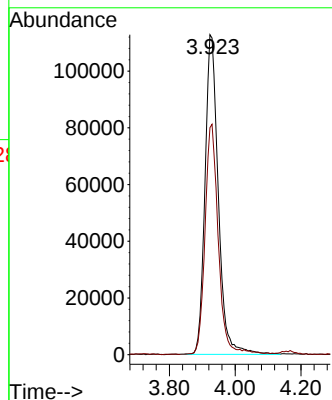
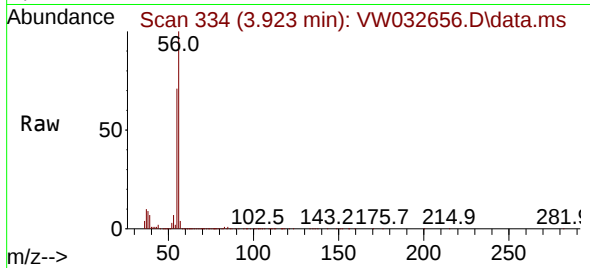




#13
Acrolein
Concen: 618.838 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

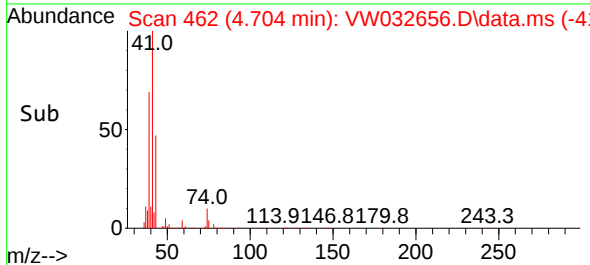
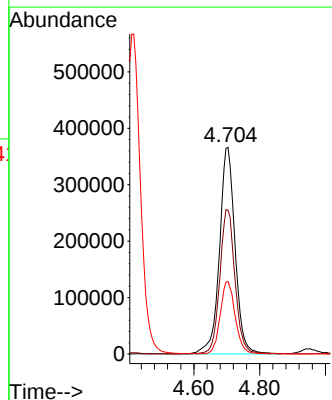
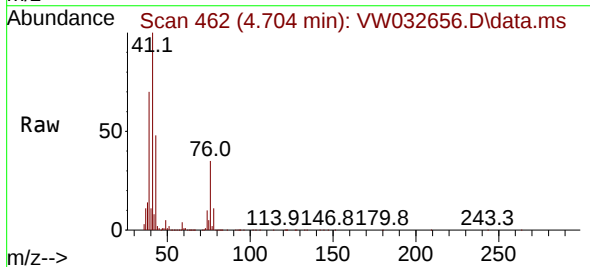
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

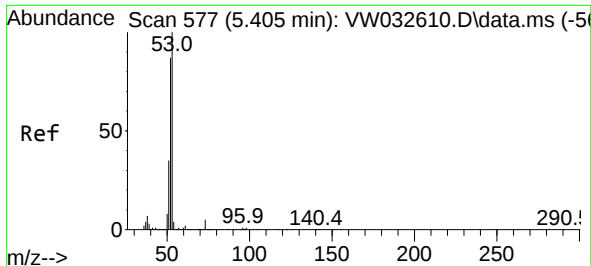
Tgt Ion: 56 Resp: 317182
Ion Ratio Lower Upper
56 100
55 71.8 56.0 84.0



#14
Allyl chloride
Concen: 146.036 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 41 Resp: 1203131
Ion Ratio Lower Upper
41 100
39 67.9 54.2 81.2
76 33.3 26.3 39.5



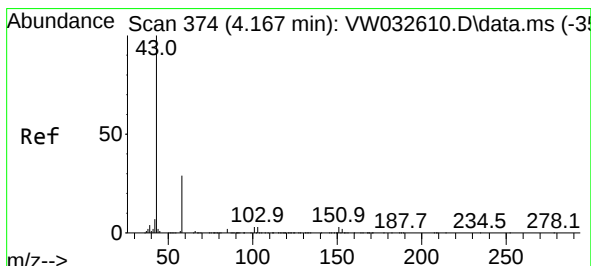
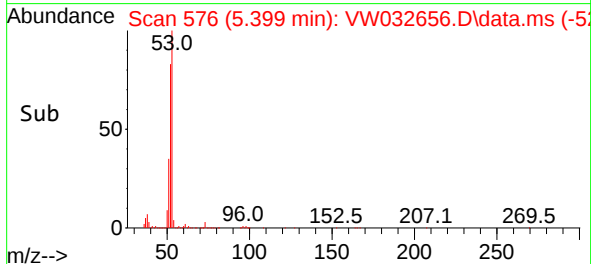
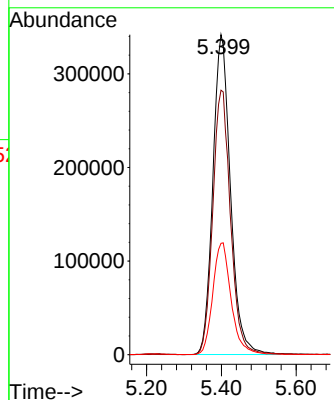
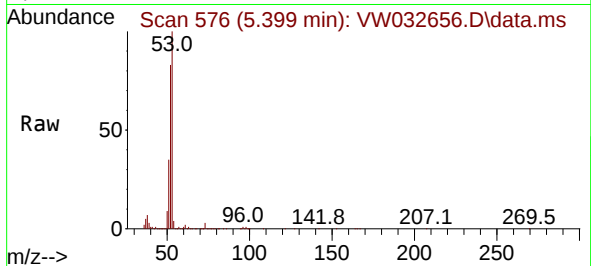


#15
Acrylonitrile
Concen: 740.596 ug/l
RT: 5.399 min Scan# 511
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 1118506

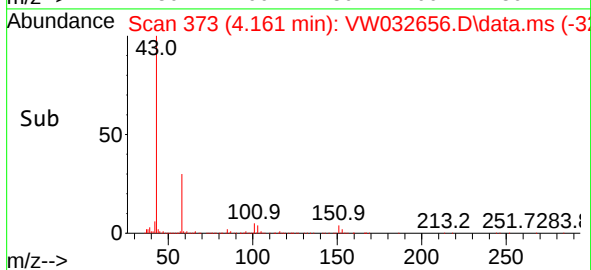
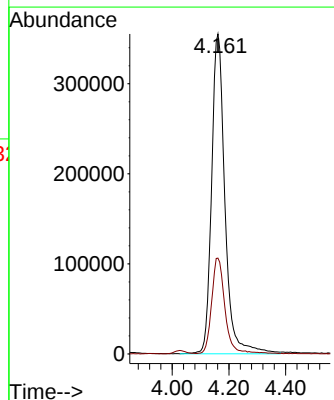
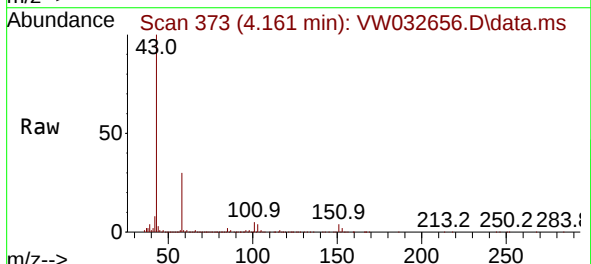
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.7	100.1
51	36.5	29.8	44.6

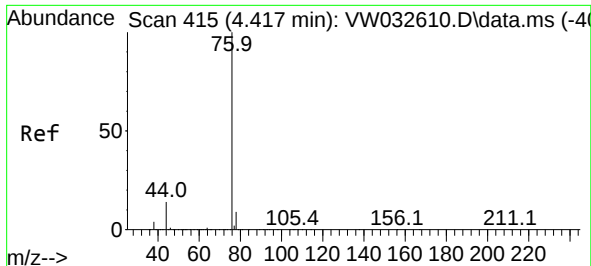


#16
Acetone
Concen: 622.122 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 43 Resp: 1161011

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.9	35.9

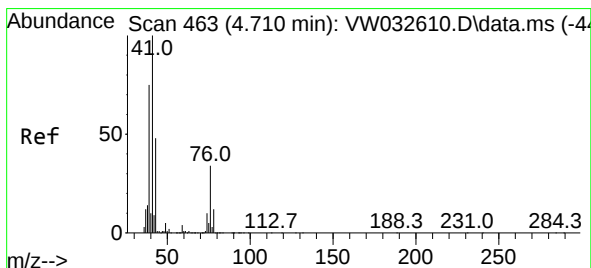
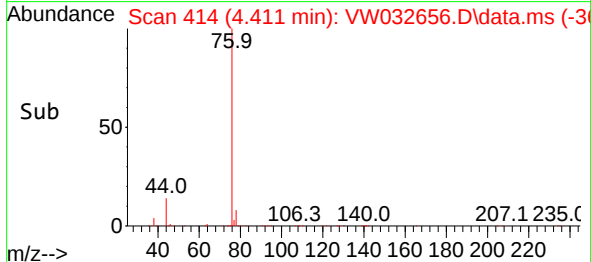
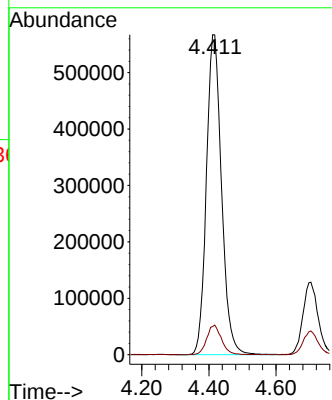
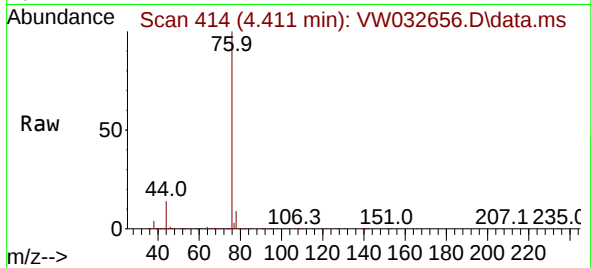




#17
Carbon Disulfide
Concen: 138.839 ug/l
RT: 4.411 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

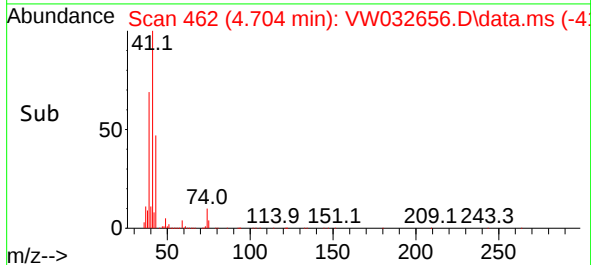
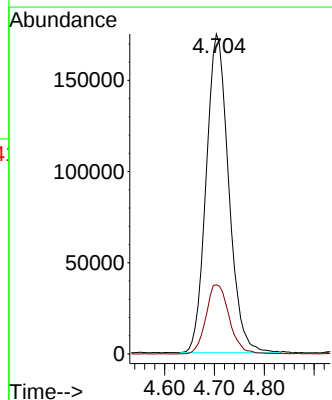
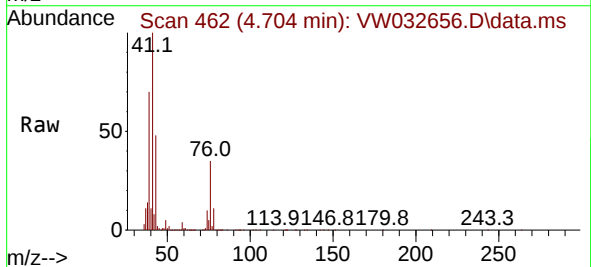
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

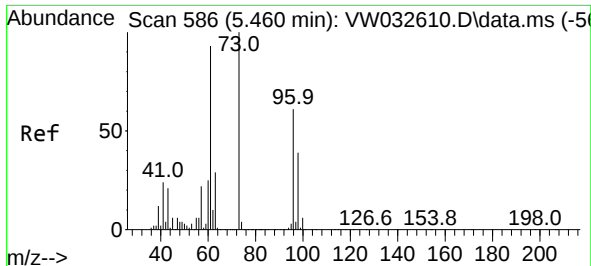
Tgt Ion: 76 Resp: 1769243
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 153.239 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 43 Resp: 548228
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.4

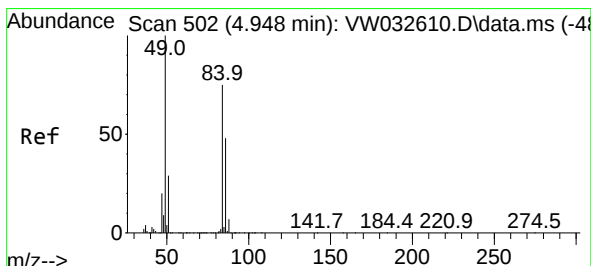
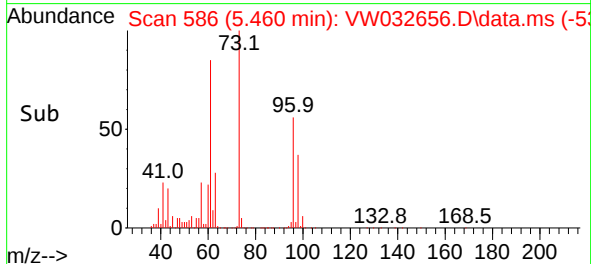
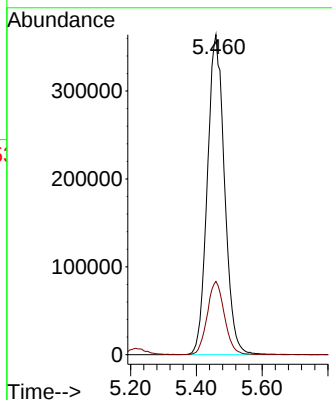
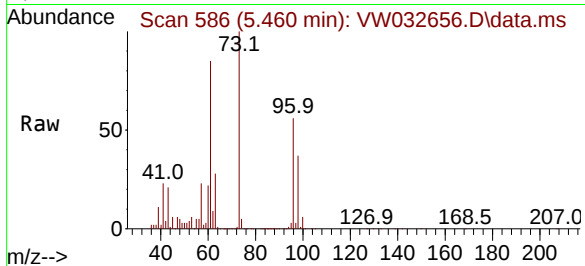




#19
Methyl tert-butyl Ether
Concen: 142.765 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

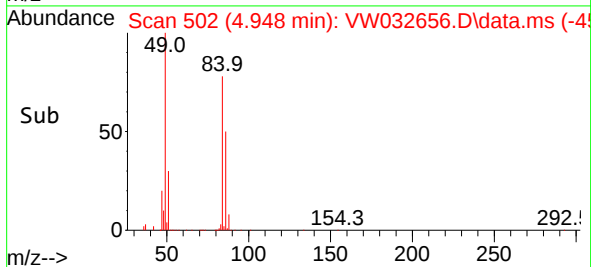
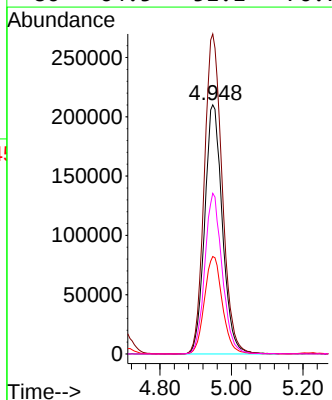
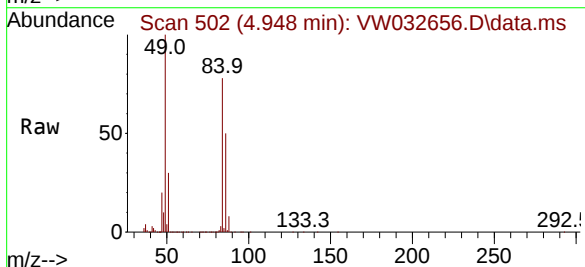
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

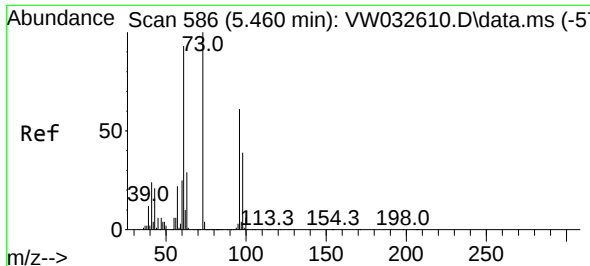
Tgt Ion: 73 Resp: 1320846
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 151.891 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 84 Resp: 719917
Ion Ratio Lower Upper
84 100
49 128.4 106.9 160.3
51 39.0 31.4 47.2
86 64.5 51.1 76.7

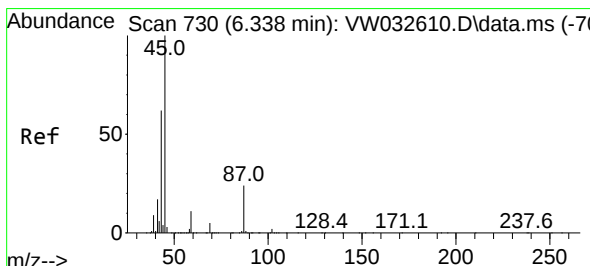
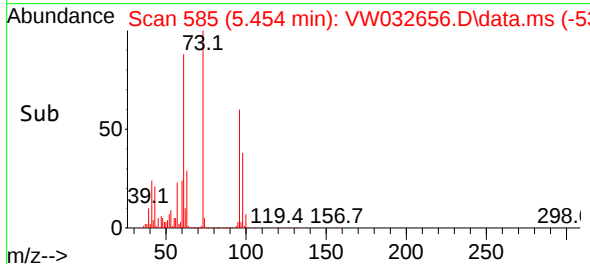
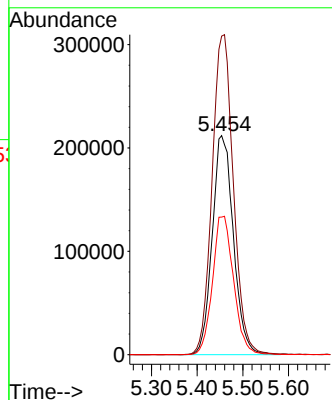
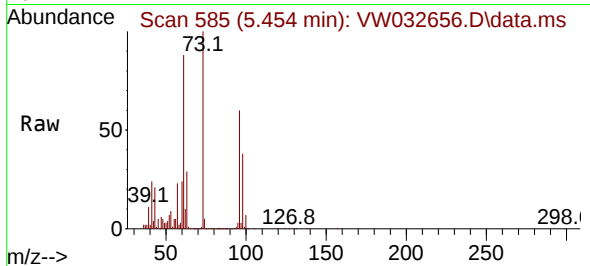




#21
trans-1,2-Dichloroethene
Concen: 139.568 ug/l
RT: 5.454 min Scan# 585
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

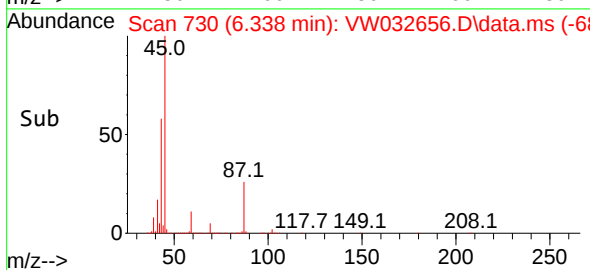
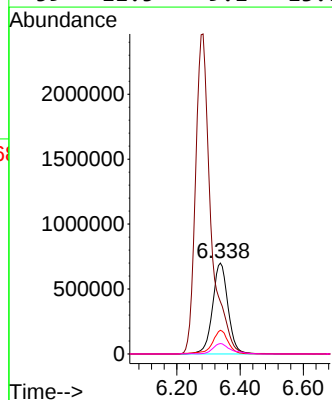
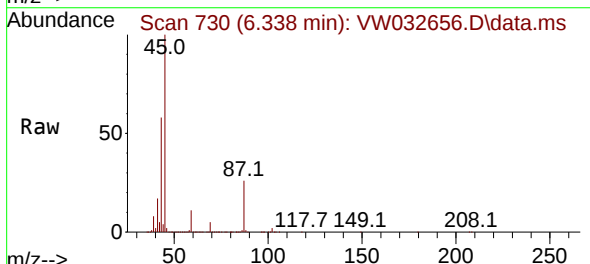
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

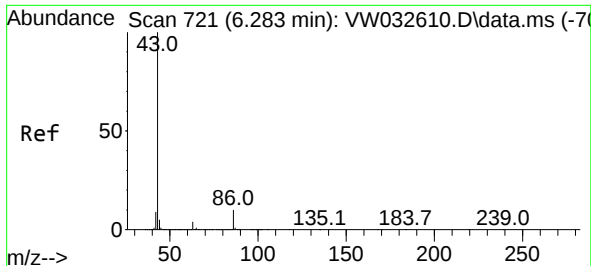
Tgt Ion: 96 Resp: 683996
Ion Ratio Lower Upper
96 100
61 145.4 121.7 182.5
98 62.9 50.6 76.0



#22
Diisopropyl ether
Concen: 142.752 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 45 Resp: 2369238
Ion Ratio Lower Upper
45 100
43 57.5 49.1 73.7
87 26.0 19.7 29.5
59 11.5 9.1 13.7

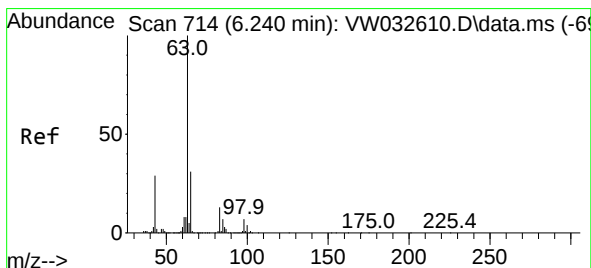
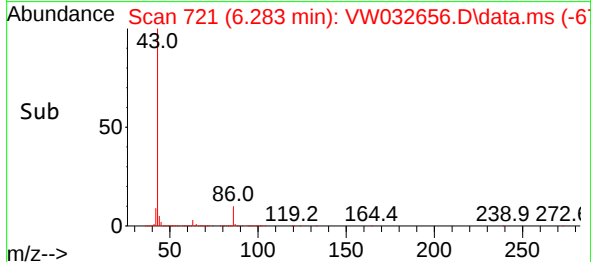
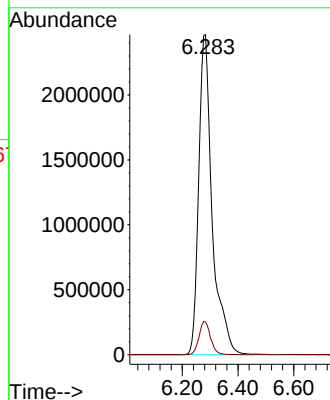
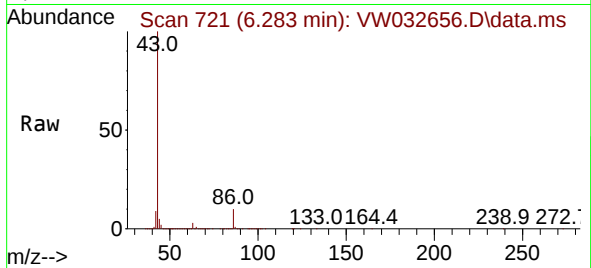




#23
 Vinyl Acetate
 Concen: 752.023 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

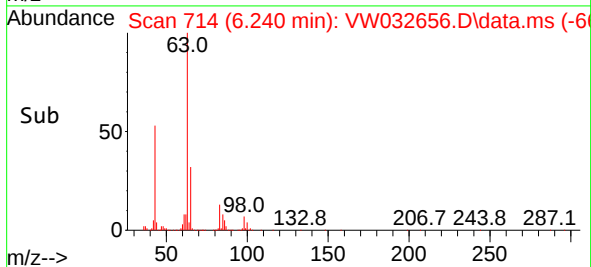
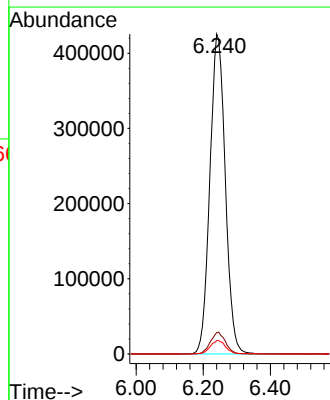
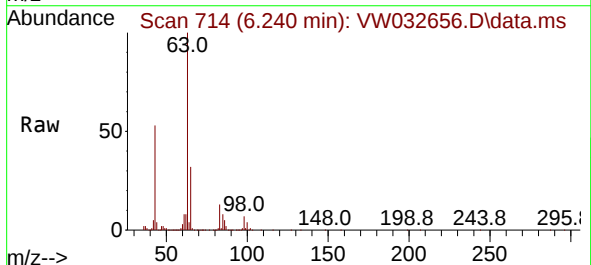
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

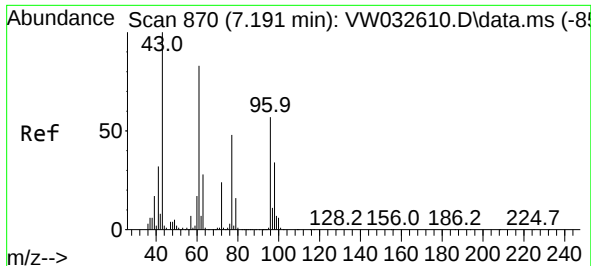
Tgt Ion: 43 Resp: 8288479
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 140.632 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

Tgt Ion: 63 Resp: 1354670
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.1 2.1 6.5

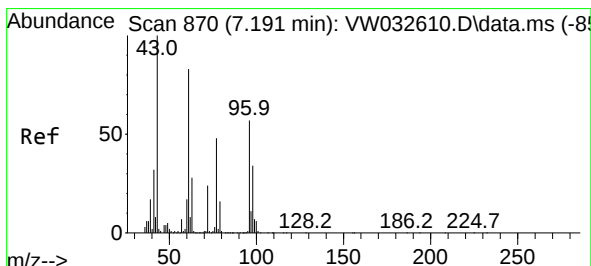
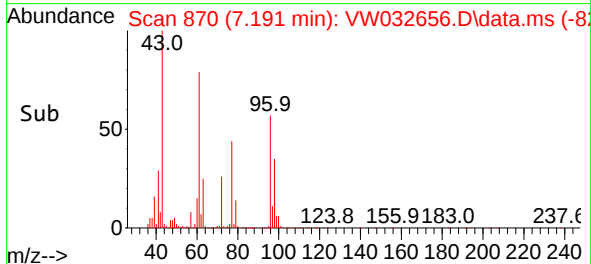
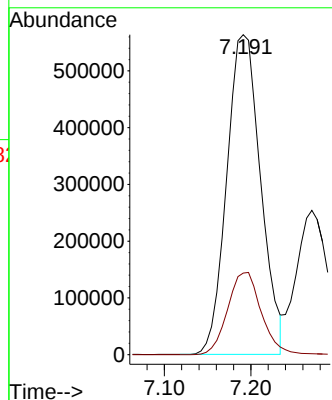
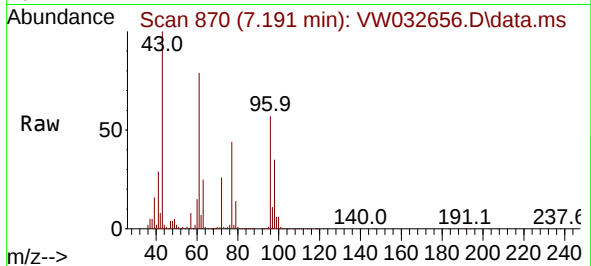




#25
2-Butanone
Concen: 722.092 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

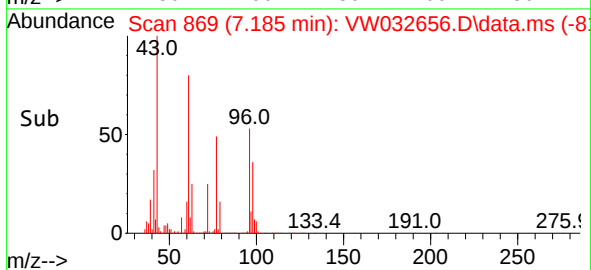
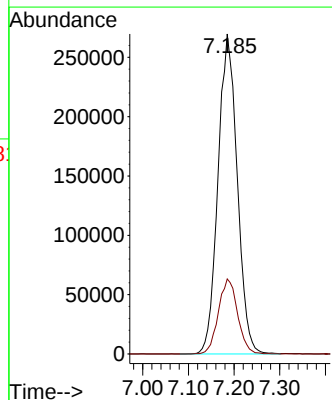
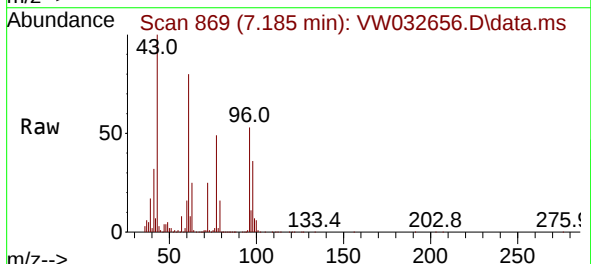
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

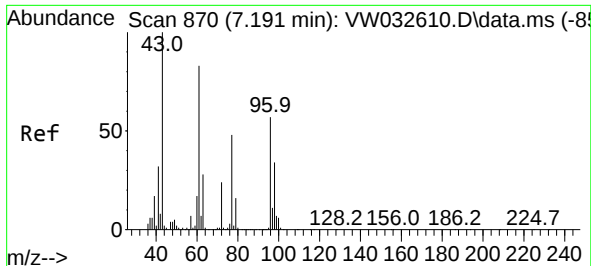
Tgt Ion: 43 Resp: 1531766
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.0



#26
2,2-Dichloropropane
Concen: 136.858 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 77 Resp: 789172
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.9

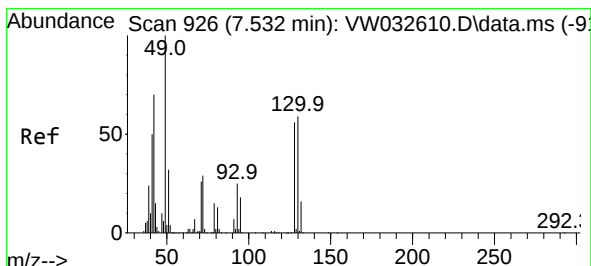
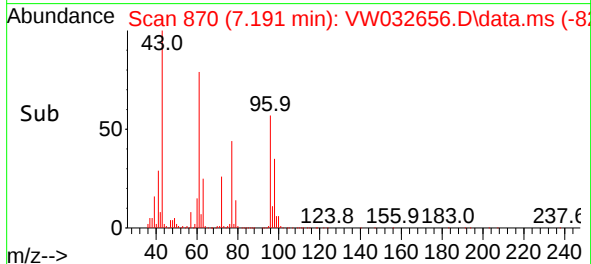
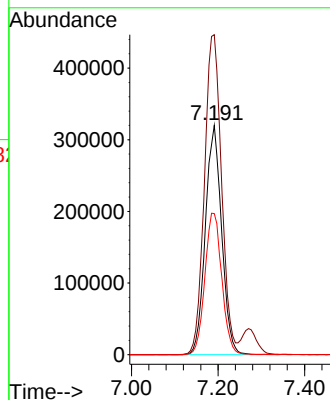
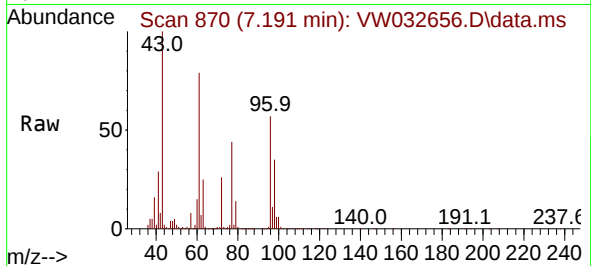




#27
 cis-1,2-Dichloroethene
 Concen: 145.864 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.006 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

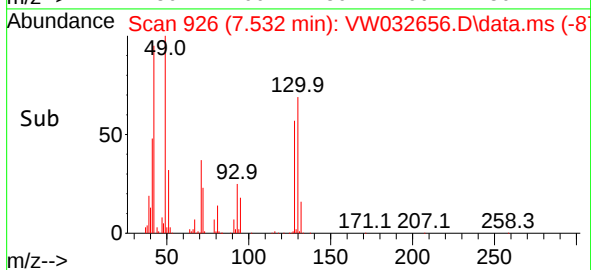
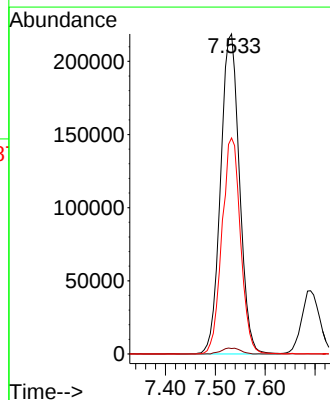
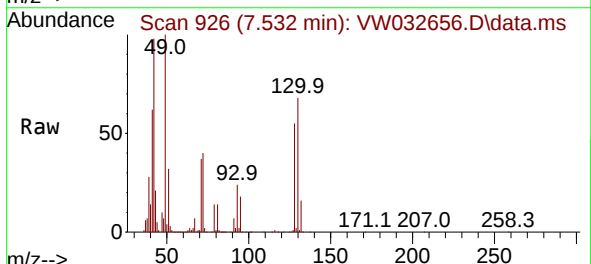
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

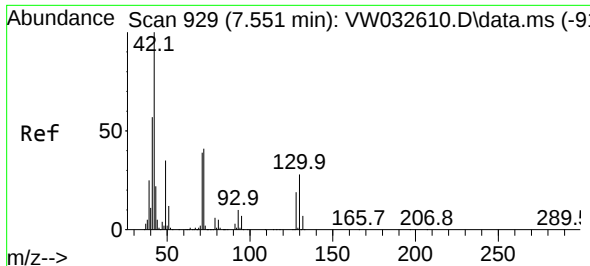
Tgt Ion: 96 Resp: 835620
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 295.8
 98 64.1 0.0 127.2



#28
 Bromochloromethane
 Concen: 157.651 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.012 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

Tgt Ion: 49 Resp: 574686
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 66.3 53.3 79.9

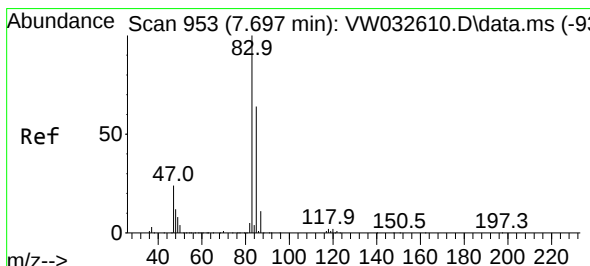
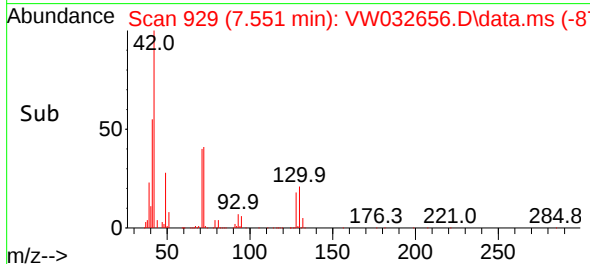
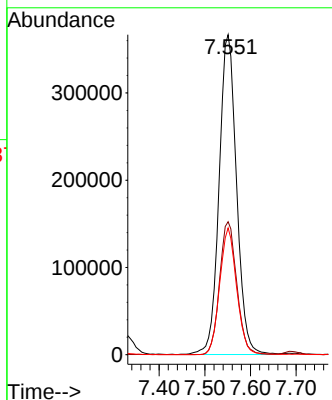
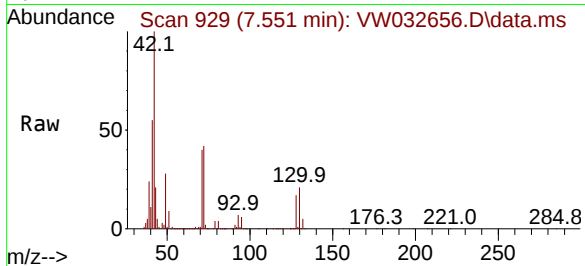




#29
Tetrahydrofuran
Concen: 761.836 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

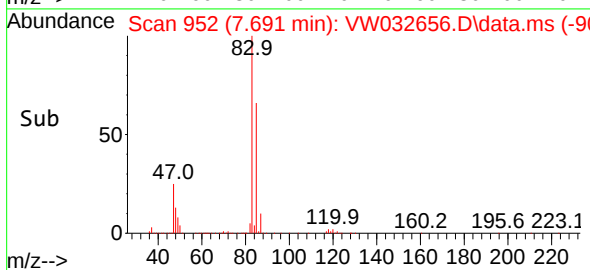
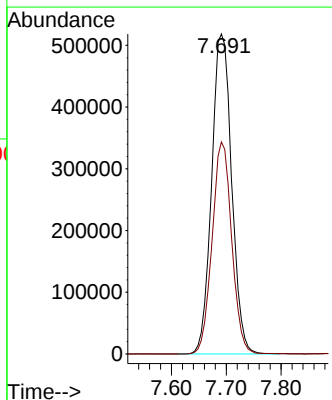
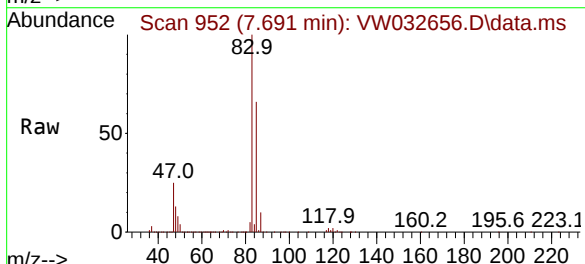
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

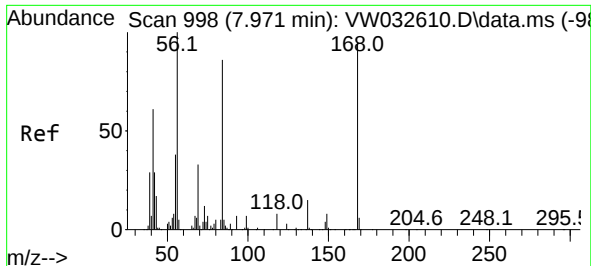
Tgt Ion: 42 Resp: 973339
Ion Ratio Lower Upper
42 100
72 40.9 33.2 49.8
71 38.5 30.7 46.1



#30
Chloroform
Concen: 137.166 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 83 Resp: 1315072
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.2

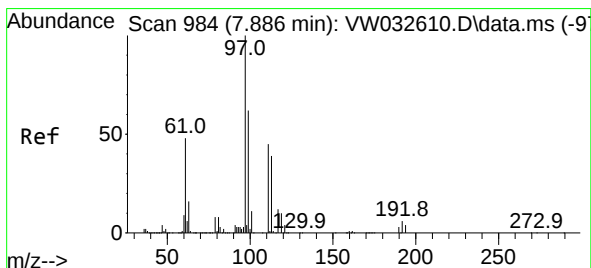
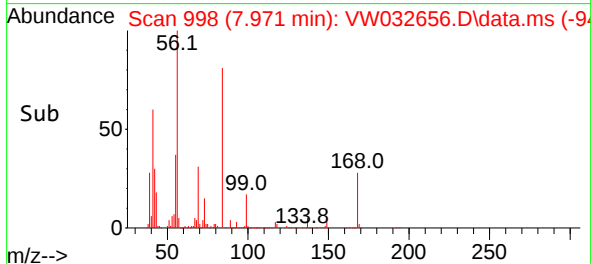
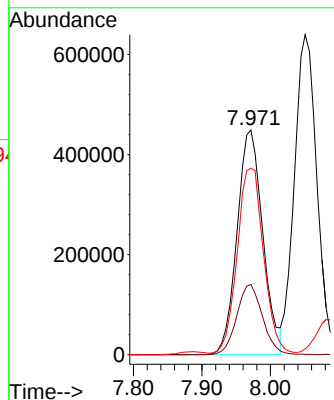
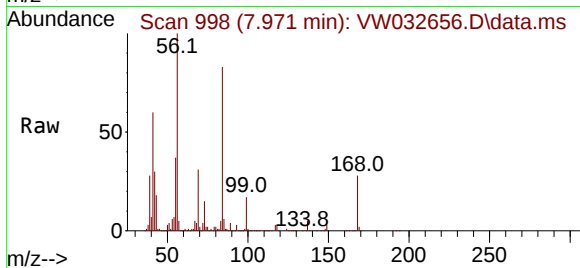




#31
Cyclohexane
Concen: 131.526 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

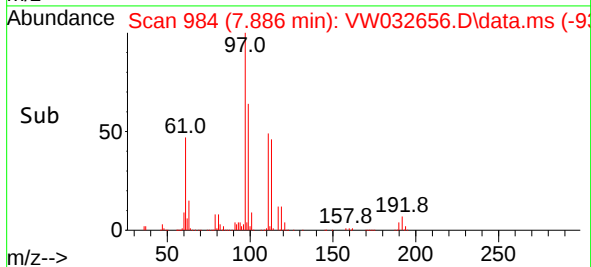
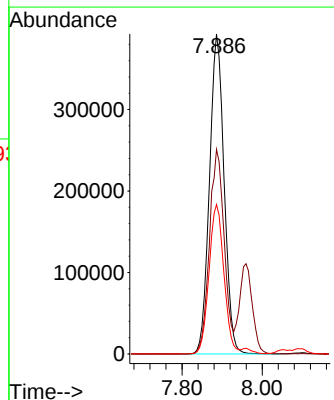
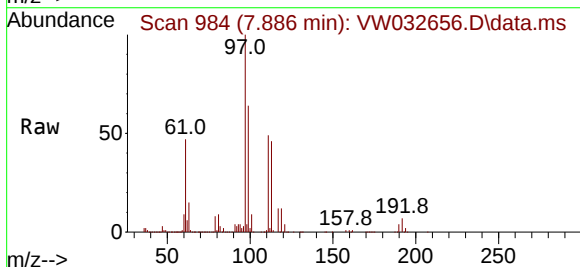
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

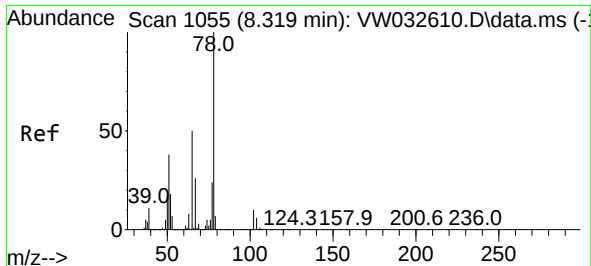
Tgt Ion: 56 Resp: 1174546
Ion Ratio Lower Upper
56 100
69 31.3 26.2 39.2
84 82.2 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 136.323 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 97 Resp: 995427
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 47.7 37.8 56.8

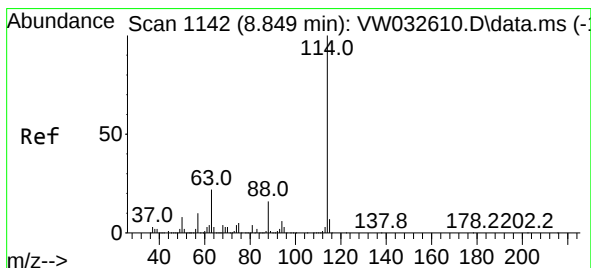
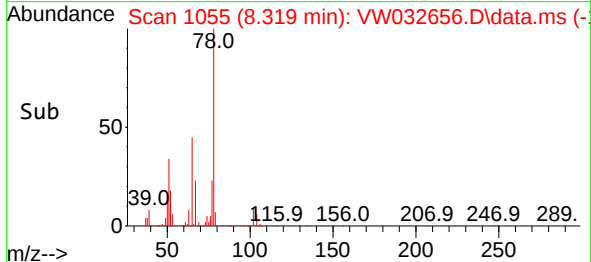
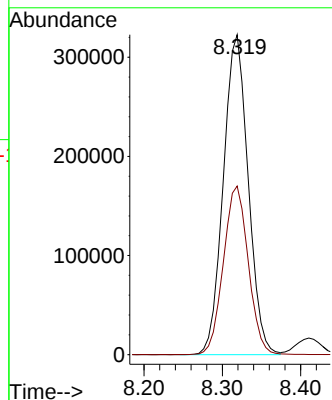
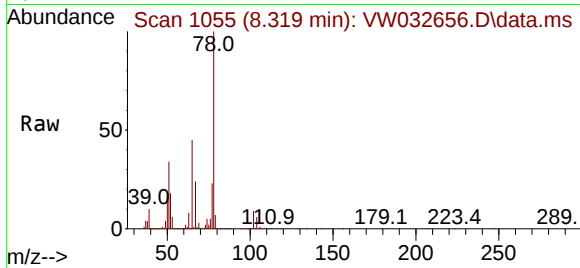




#33
 1,2-Dichloroethane-d4
 Concen: 130.865 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

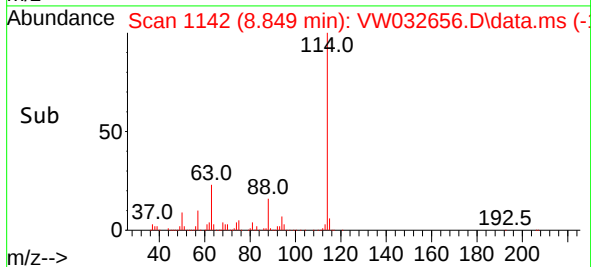
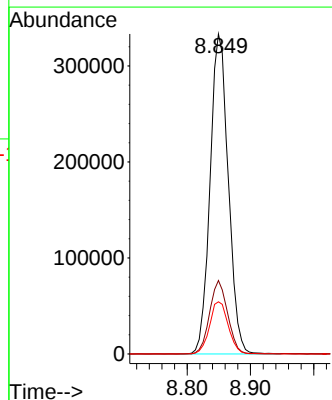
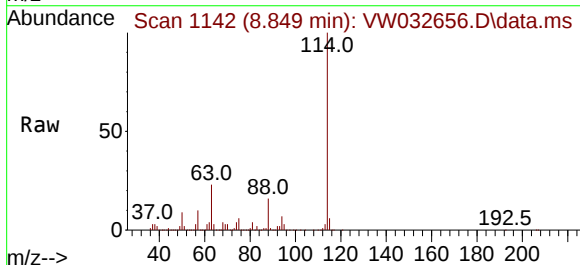
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

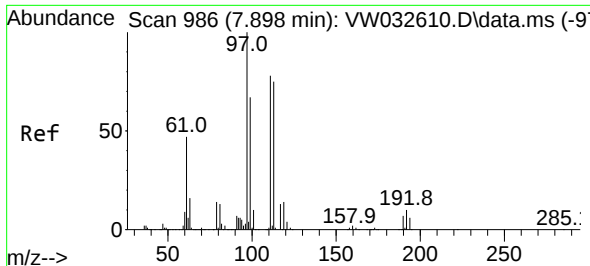
Tgt Ion: 65 Resp: 711029
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

Tgt Ion: 114 Resp: 666448
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.6
 88 16.3 0.0 31.8

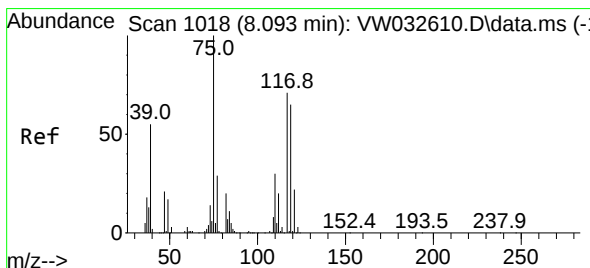
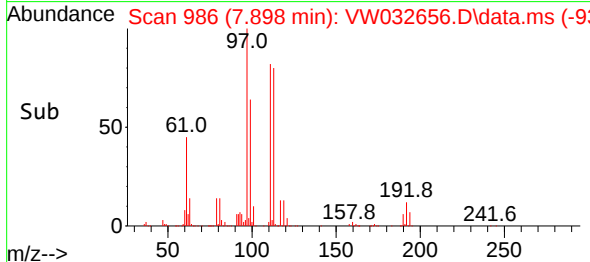
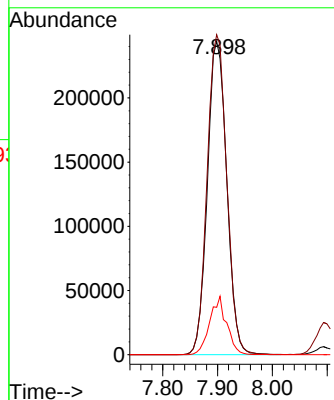
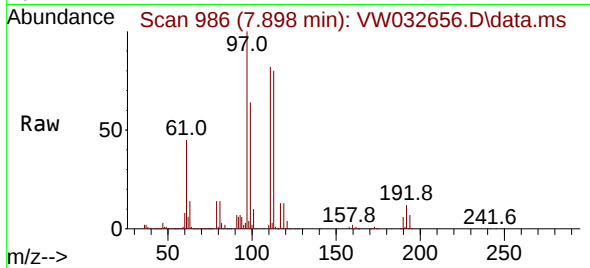




#35
 Dibromofluoromethane
 Concen: 138.288 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. 0.006 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

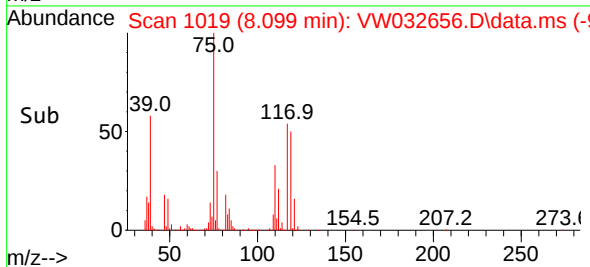
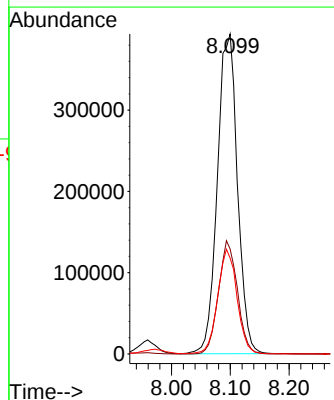
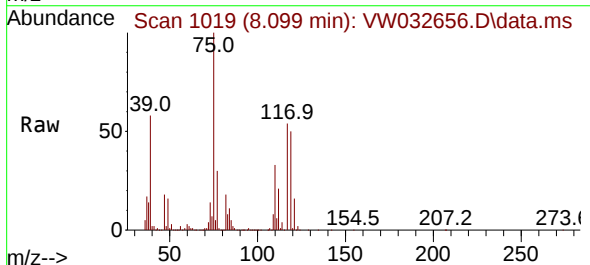
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

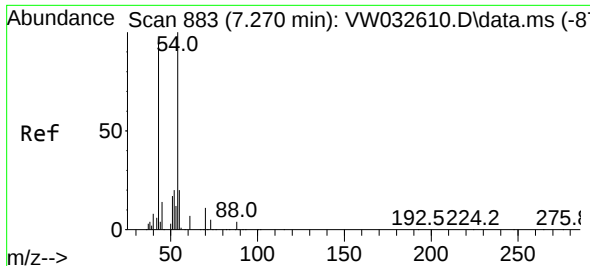
Tgt Ion:	113	Resp:	598905
Ion	Ratio	Lower	Upper
113	100		
111	103.0	85.2	127.8
192	16.3	13.3	19.9



#36
 1,1-Dichloropropene
 Concen: 139.507 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

Tgt Ion:	75	Resp:	935663
Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.3	48.9
77	31.6	24.6	37.0

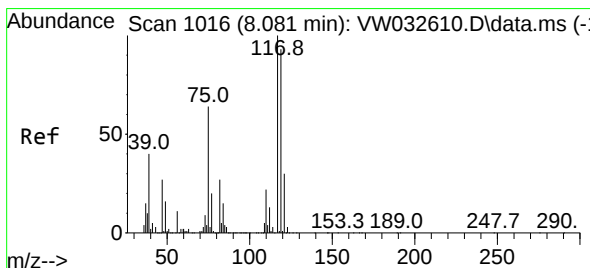
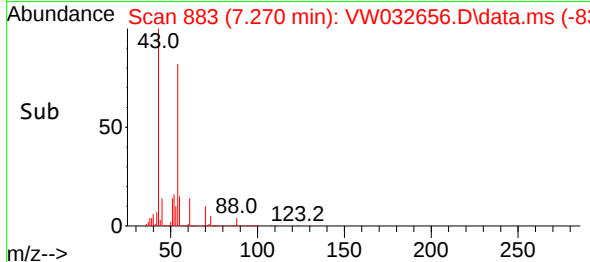
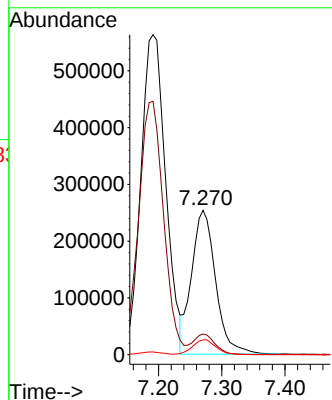
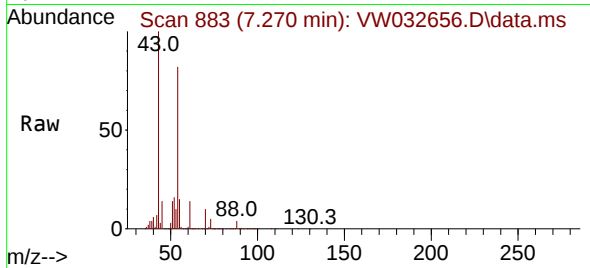




#37
Ethyl Acetate
Concen: 151.420 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

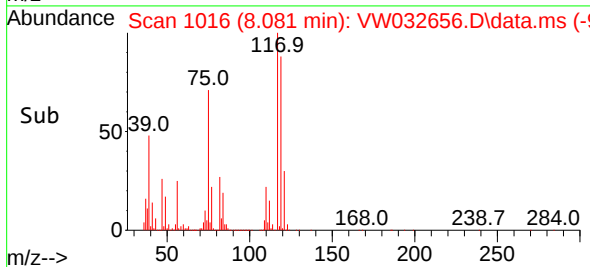
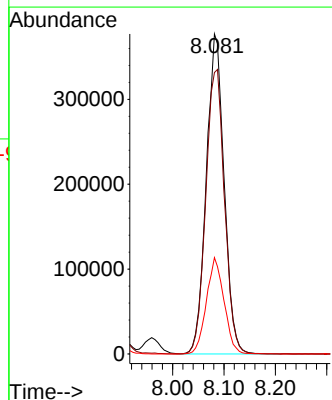
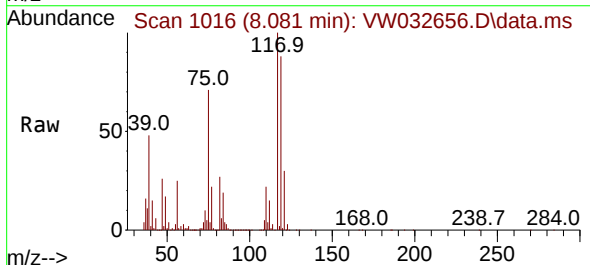
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

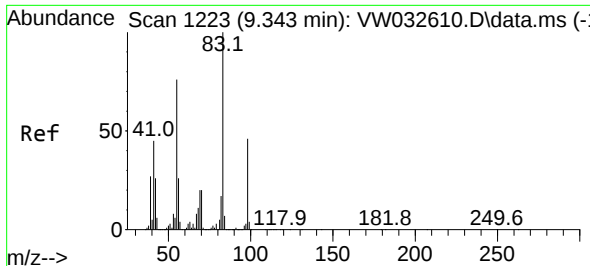
Tgt Ion: 43 Resp: 674446
Ion Ratio Lower Upper
43 100
61 12.5 10.3 15.5
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 143.153 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 117 Resp: 908864
Ion Ratio Lower Upper
117 100
119 88.0 74.3 111.5
121 30.1 23.6 35.4





#39

Methylcyclohexane

Concen: 149.957 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

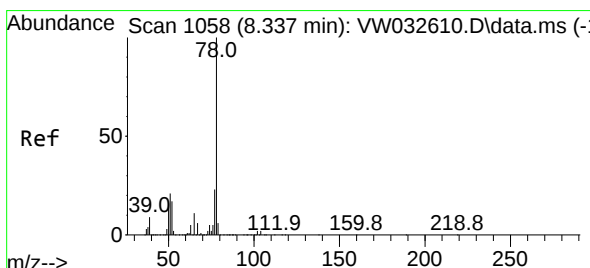
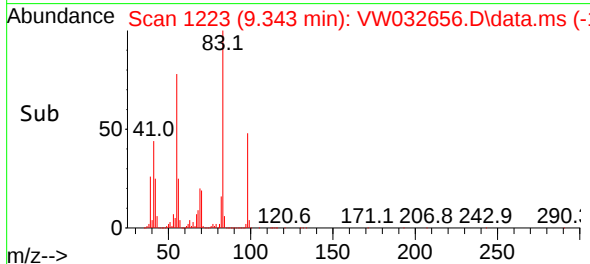
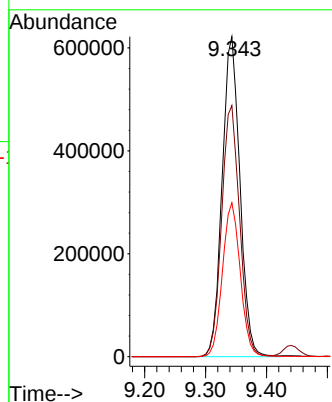
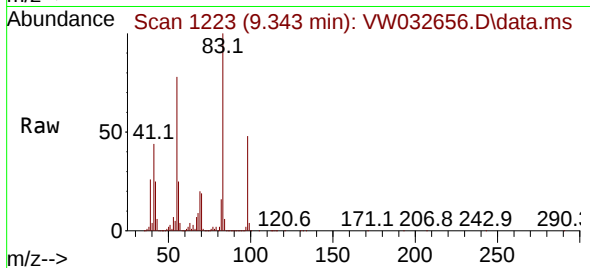
MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1259513

Ion	Ratio	Lower	Upper
83	100		
55	78.5	61.2	91.8
98	48.1	37.0	55.4



#40

Benzene

Concen: 140.633 ug/l

RT: 8.337 min Scan# 1058

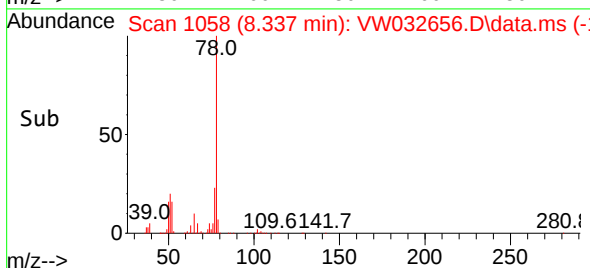
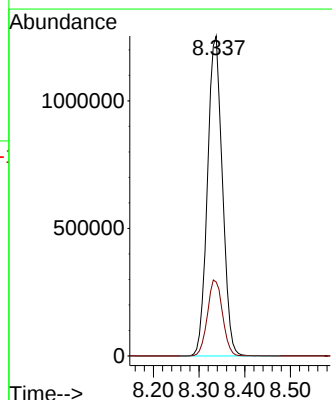
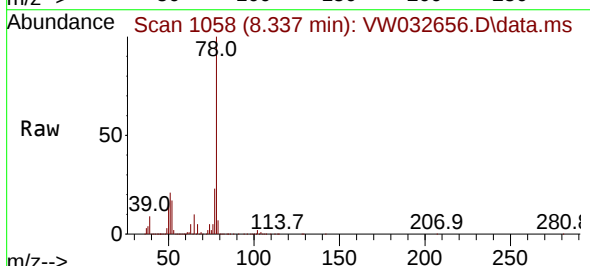
Delta R.T. 0.006 min

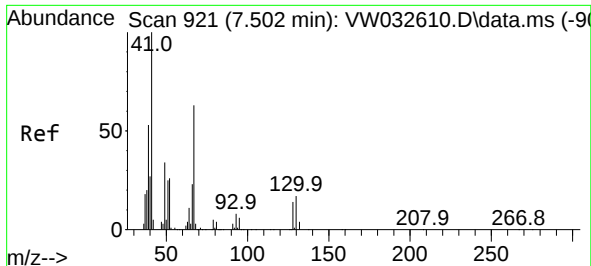
Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Tgt Ion: 78 Resp: 2833240

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0

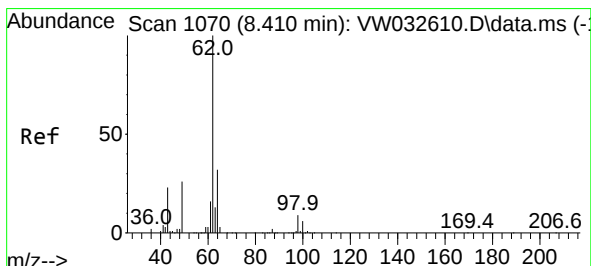
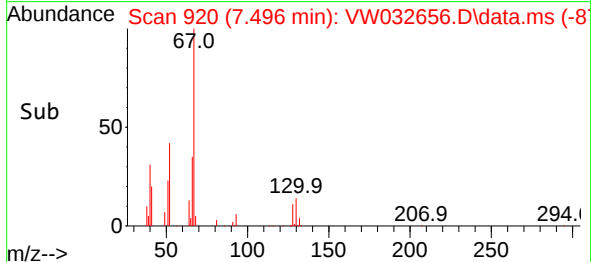
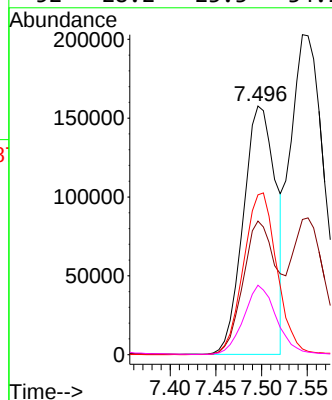
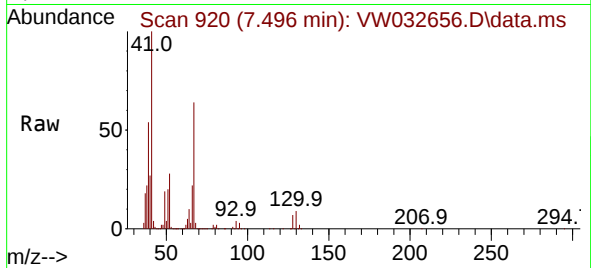




#41
Methacrylonitrile
Concen: 157.888 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

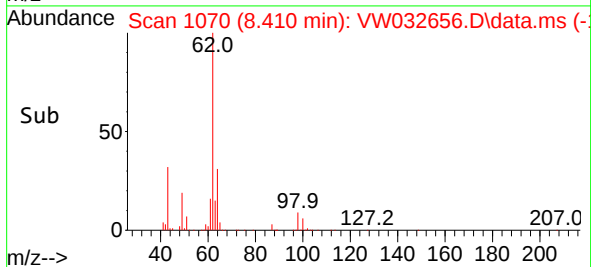
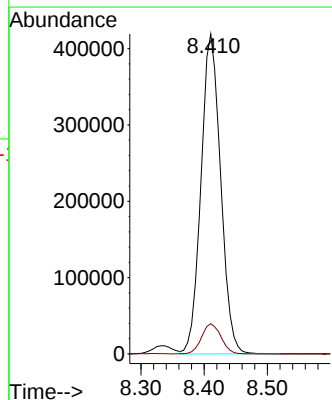
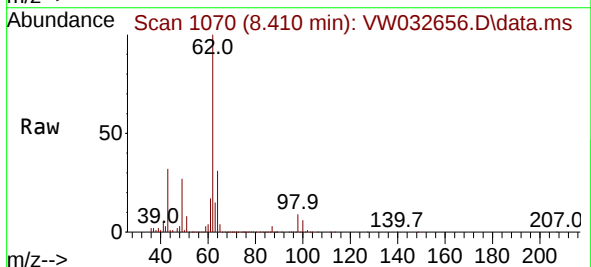
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

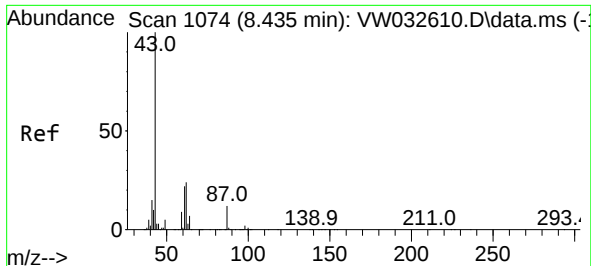
Tgt Ion:	41	Resp:	389842
Ion	Ratio	Lower	Upper
41	100		
39	57.6	47.3	70.9
67	67.4	55.9	83.9
52	28.2	23.3	34.9



#42
1,2-Dichloroethane
Concen: 142.059 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion:	62	Resp:	905607
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

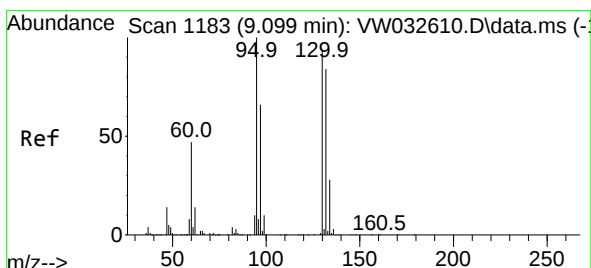
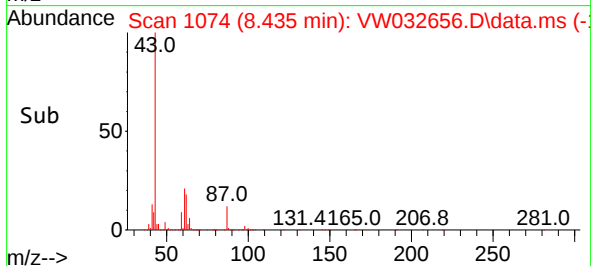
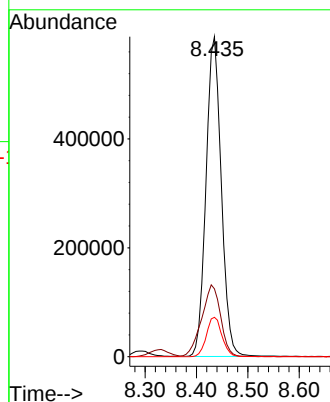
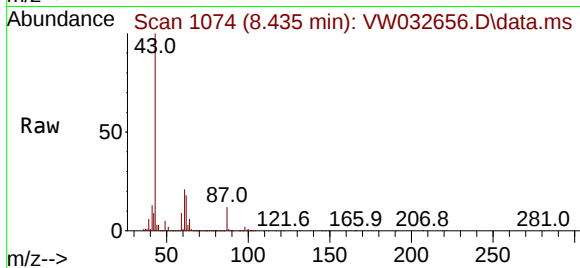




#43
Isopropyl Acetate
Concen: 156.074 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

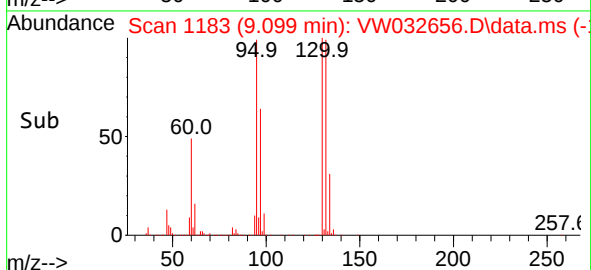
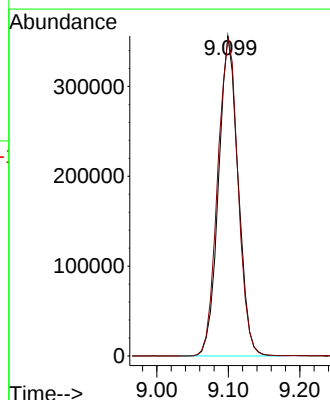
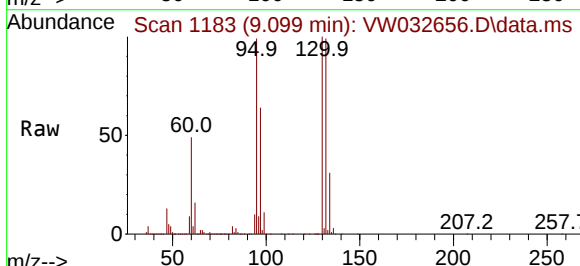
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

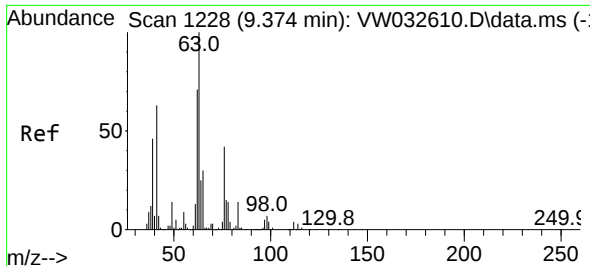
Tgt Ion: 43 Resp: 1210238
Ion Ratio Lower Upper
43 100
61 28.0 22.7 34.1
87 12.6 9.6 14.4



#44
Trichloroethene
Concen: 145.578 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion:130 Resp: 678327
Ion Ratio Lower Upper
130 100
95 99.4 0.0 215.6

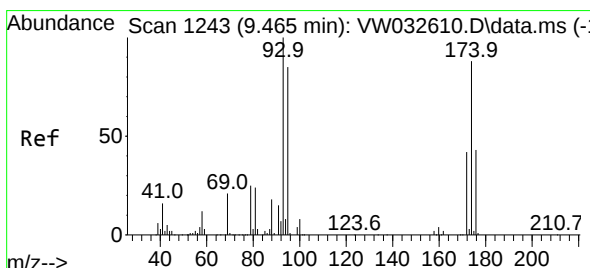
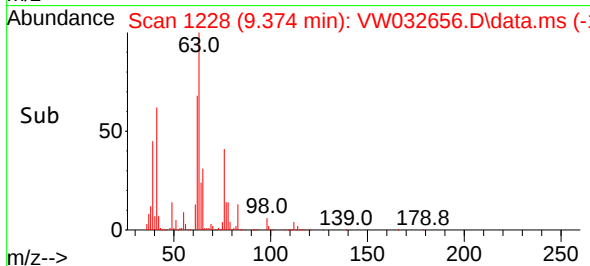
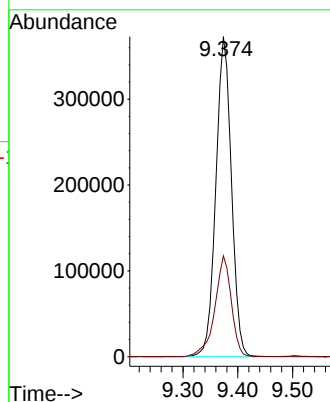
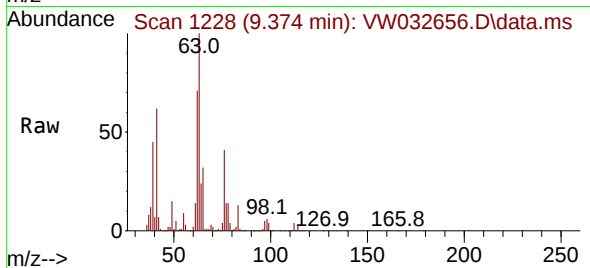




#45
1,2-Dichloropropane
Concen: 142.830 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

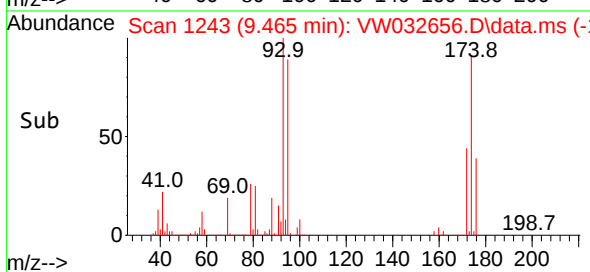
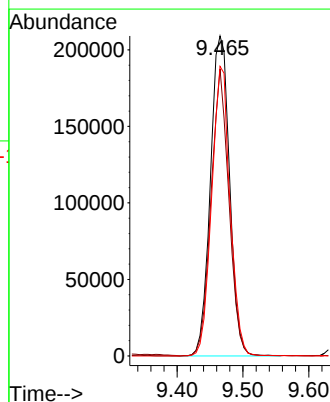
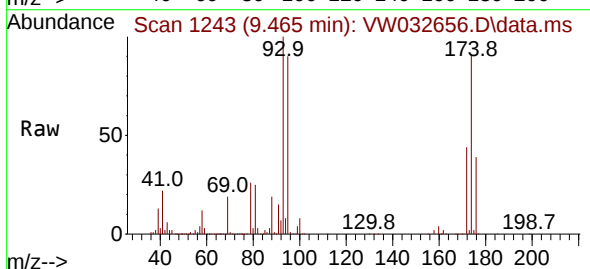
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

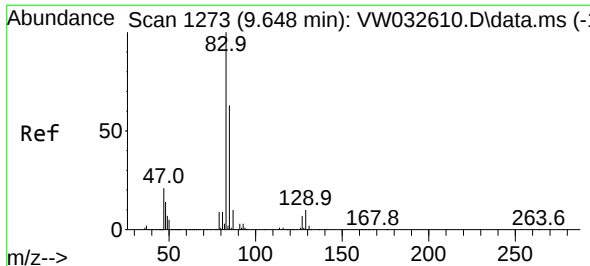
Tgt Ion: 63 Resp: 733863
Ion Ratio Lower Upper
63 100
65 31.5 23.8 35.6



#46
Dibromomethane
Concen: 143.693 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 93 Resp: 424720
Ion Ratio Lower Upper
93 100
95 83.5 67.0 100.4
174 86.8 67.6 101.4



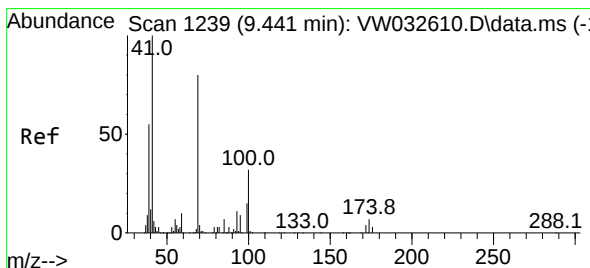
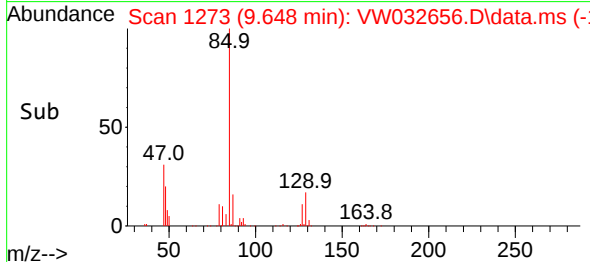
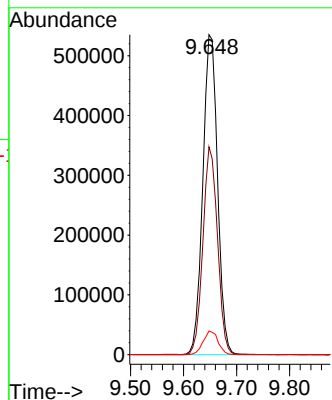
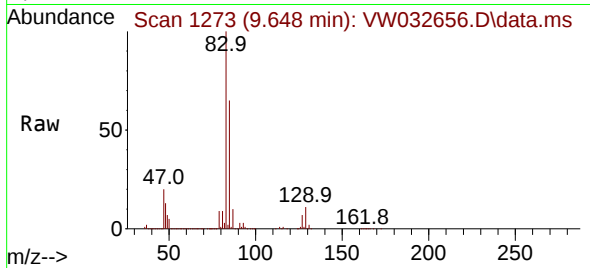


#47
 Bromodichloromethane
 Concen: 148.081 ug/l
 RT: 9.648 min Scan# 1273
 Delta R.T. -0.000 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 83 Resp: 1031562

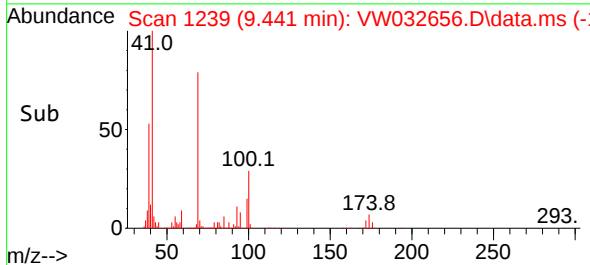
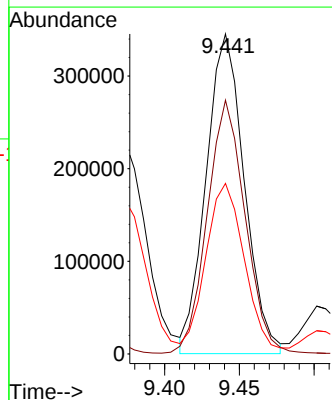
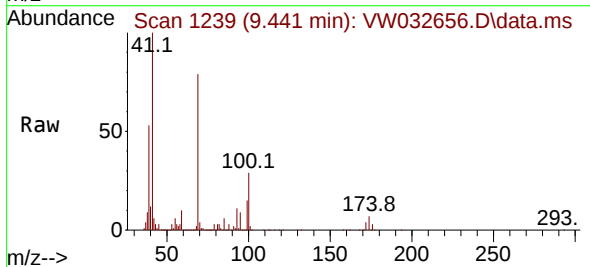
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.7	76.1
127	7.4	6.0	9.0

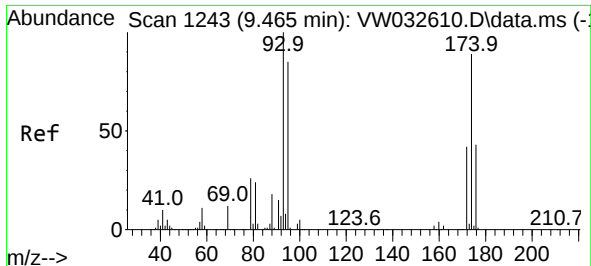


#48
 Methyl methacrylate
 Concen: 163.888 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

Tgt Ion: 41 Resp: 611827

Ion	Ratio	Lower	Upper
41	100		
69	79.1	67.9	101.9
39	50.2	43.8	65.8

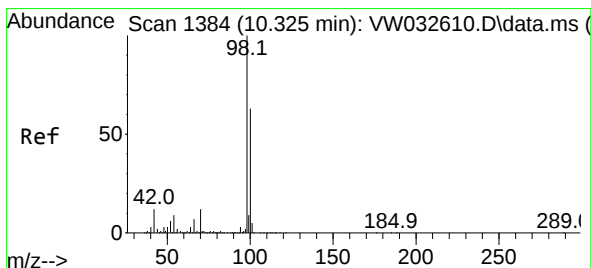
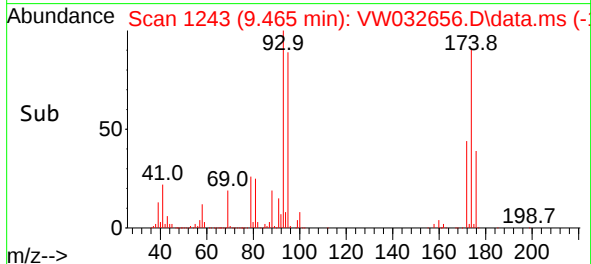
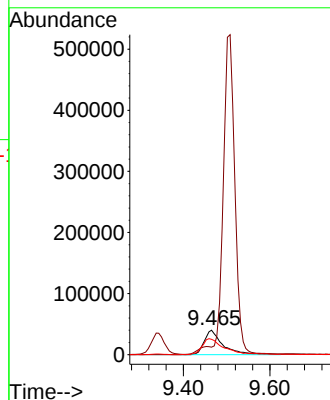
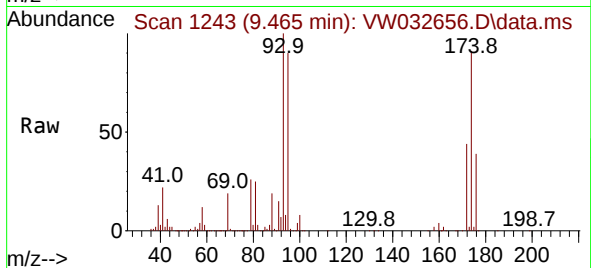




#49
1,4-Dioxane
Concen: 3202.409 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

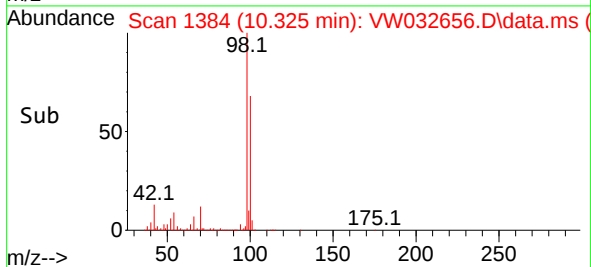
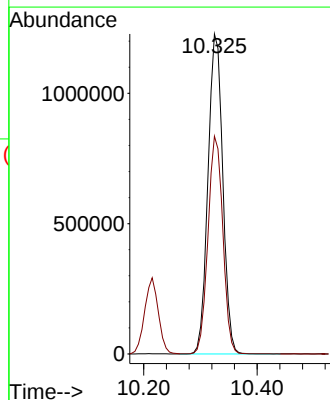
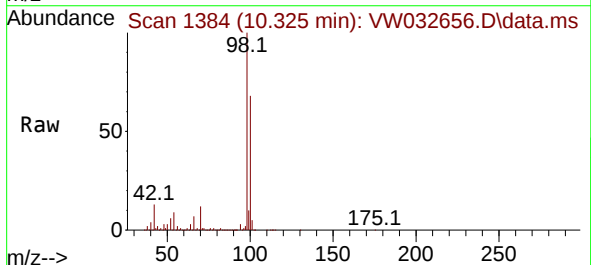
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

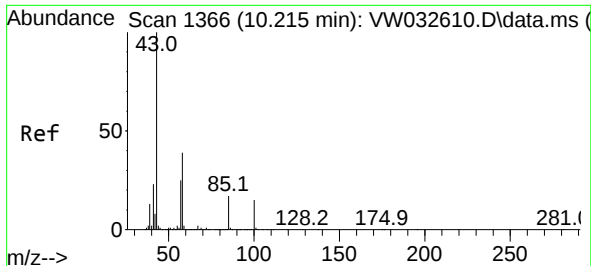
Tgt Ion: 88 Resp: 120095
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.1 63.8 95.8



#50
Toluene-d8
Concen: 136.082 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 98 Resp: 2220809
Ion Ratio Lower Upper
98 100
100 68.2 52.2 78.2

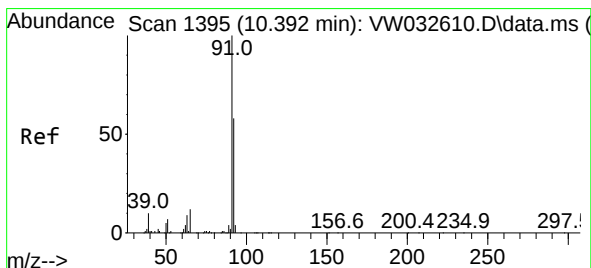
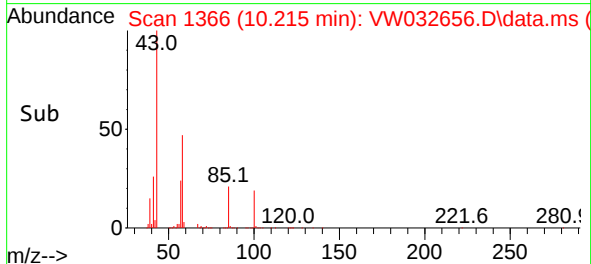
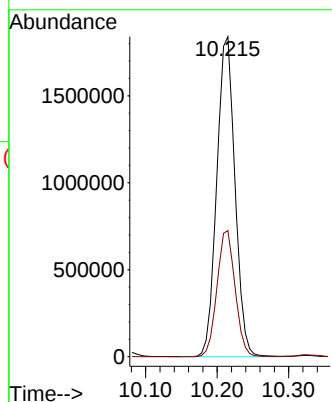
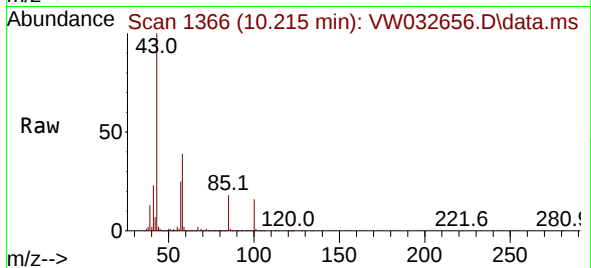




#51
4-Methyl-2-Pentanone
Concen: 747.036 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

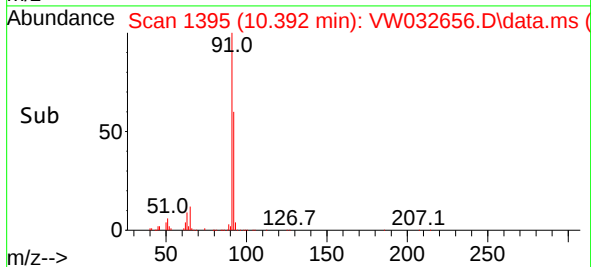
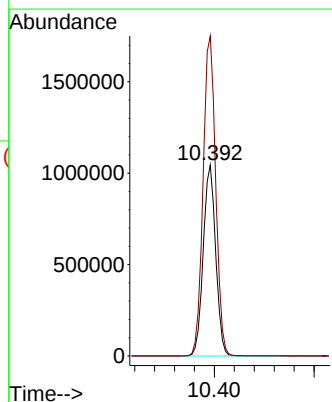
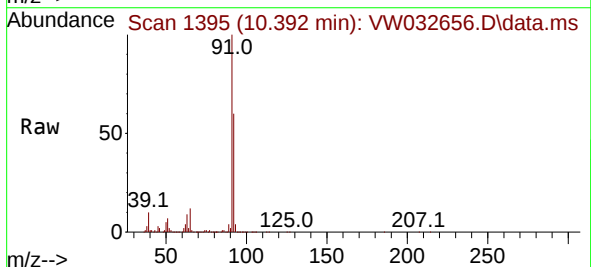
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

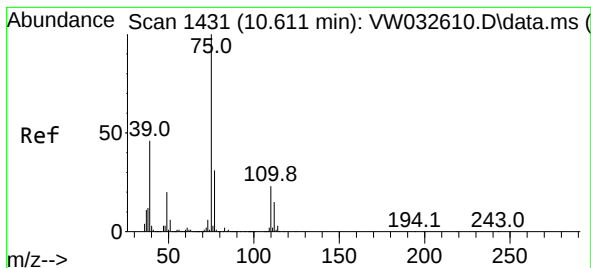
Tgt Ion: 43 Resp: 3253410
Ion Ratio Lower Upper
43 100
58 39.3 30.6 45.8



#52
Toluene
Concen: 145.478 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 92 Resp: 1804731
Ion Ratio Lower Upper
92 100
91 169.8 137.6 206.4

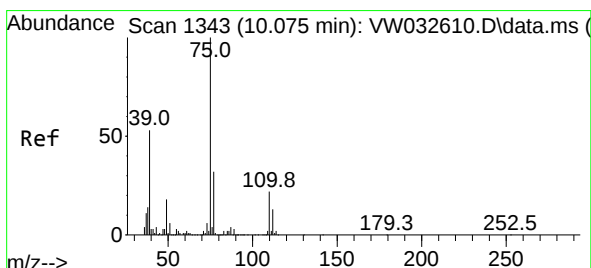
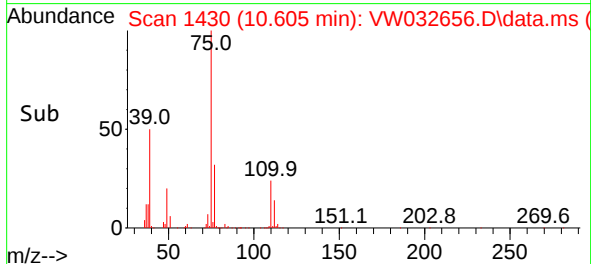
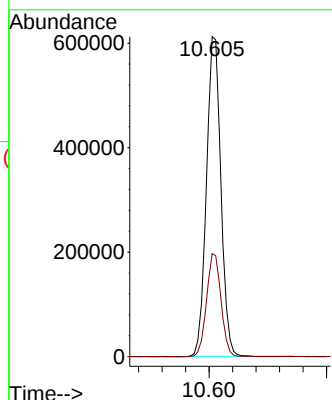
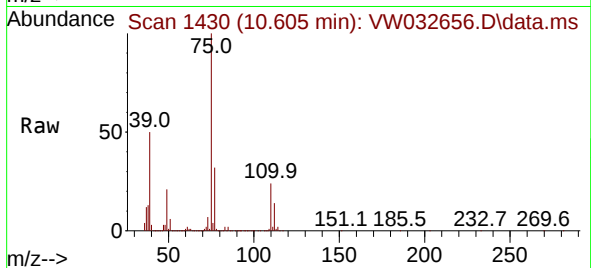




#53
t-1,3-Dichloropropene
Concen: 154.640 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

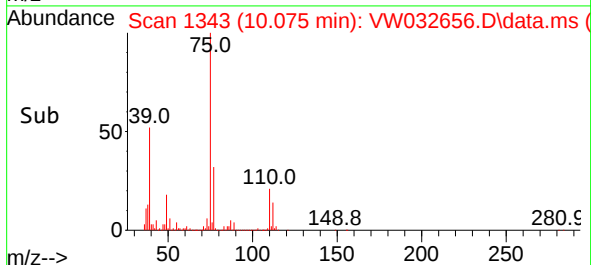
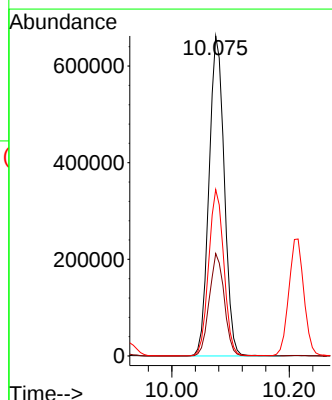
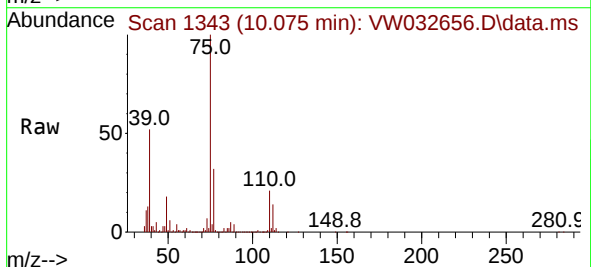
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

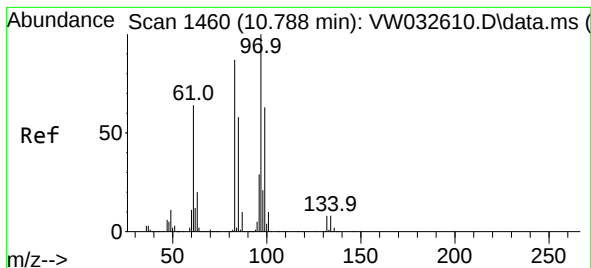
Tgt Ion: 75 Resp: 1048122
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 151.337 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 75 Resp: 1192941
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
39 52.0 42.5 63.7

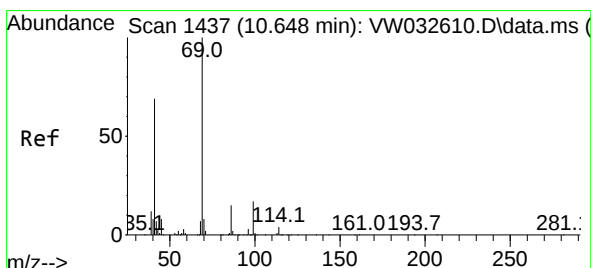
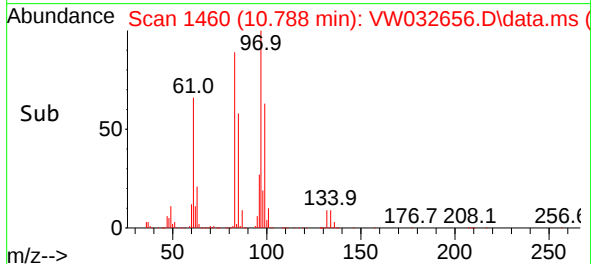
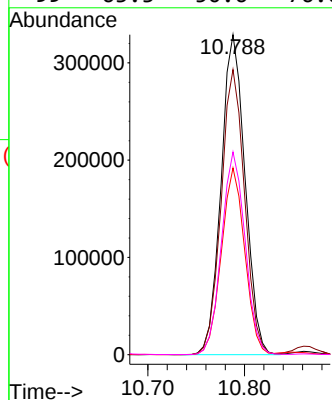
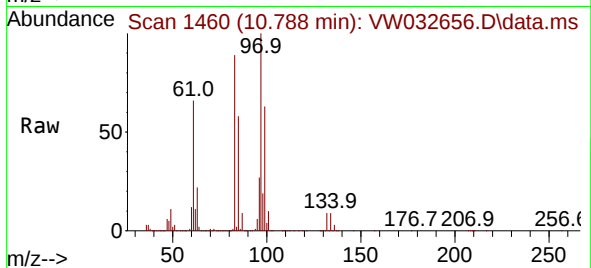




#55
1,1,2-Trichloroethane
Concen: 141.100 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

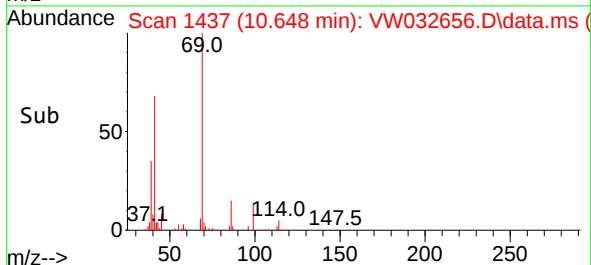
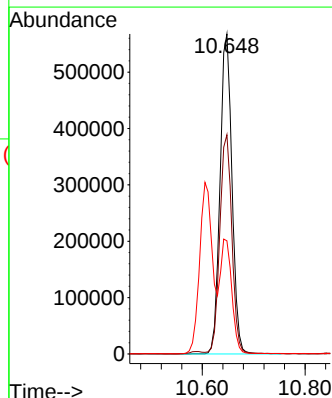
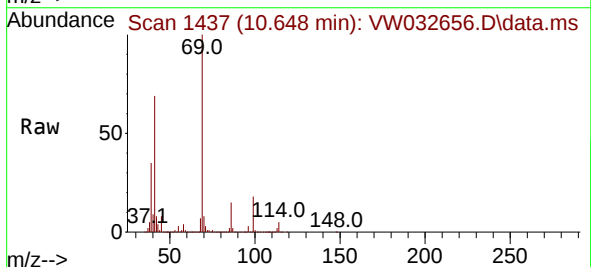
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

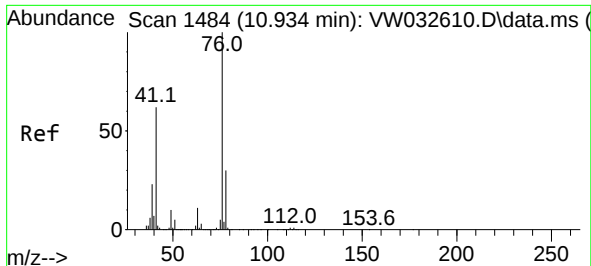
Tgt Ion:	97	Resp:	565433
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.3	103.9
85	58.3	46.1	69.1
99	63.3	50.6	76.0



#56
Ethyl methacrylate
Concen: 163.590 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion:	69	Resp:	910378
Ion	Ratio	Lower	Upper
69	100		
41	69.7	57.0	85.6
39	33.6	27.2	40.8





#57

1,3-Dichloropropane

Concen: 147.284 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

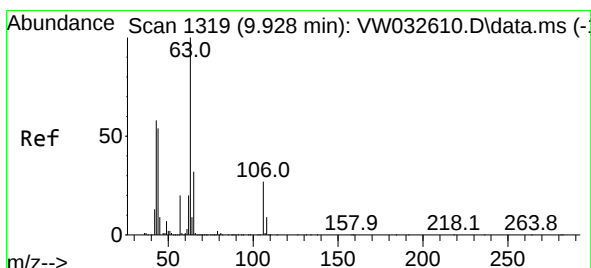
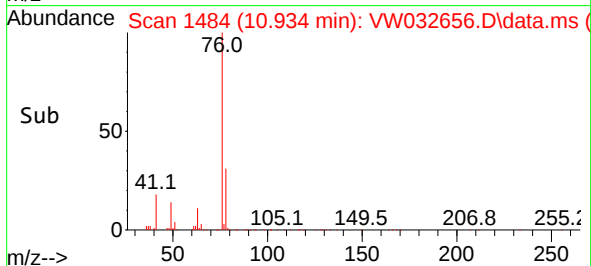
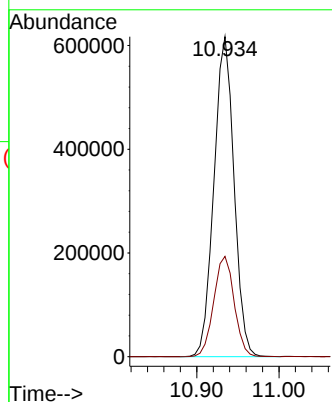
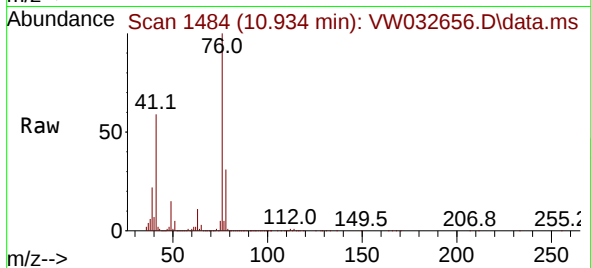
VSTDIC150

Tgt Ion: 76 Resp: 1045556

Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 766.299 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.001 min

Lab File: VW032656.D

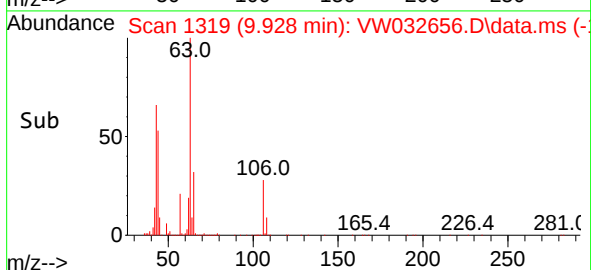
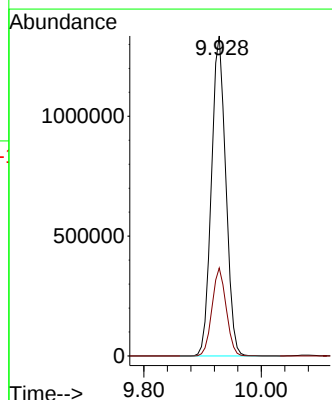
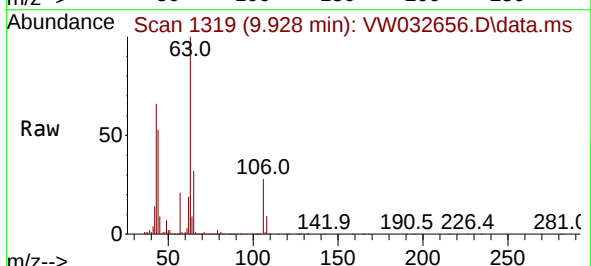
Acq: 16 Dec 2025 14:53

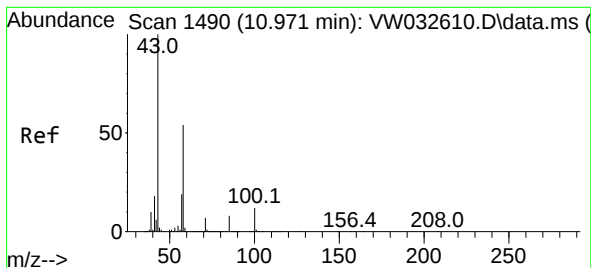
Tgt Ion: 63 Resp: 2266282

Ion Ratio Lower Upper

63 100

106 27.1 21.3 31.9

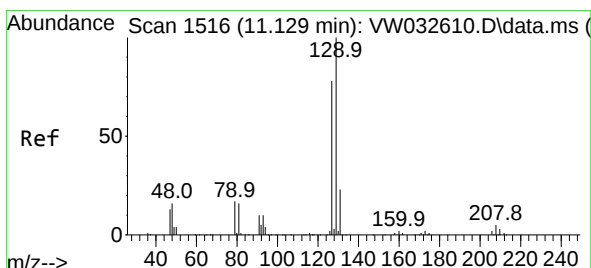
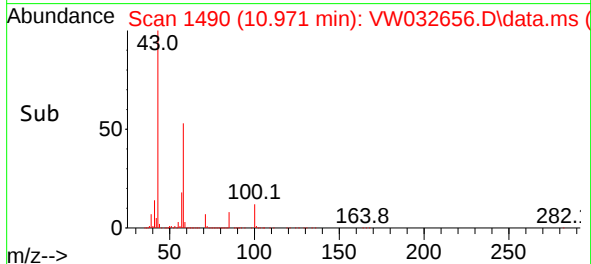
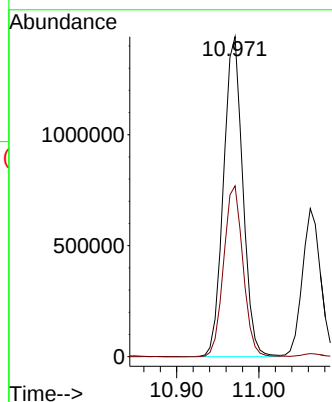
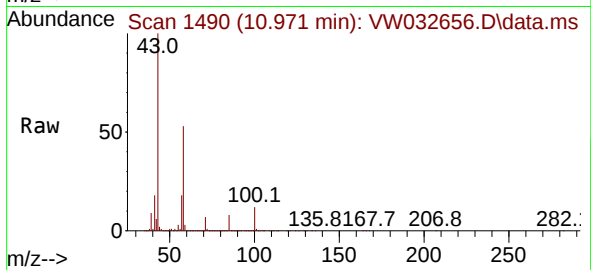




#59
2-Hexanone
Concen: 747.792 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

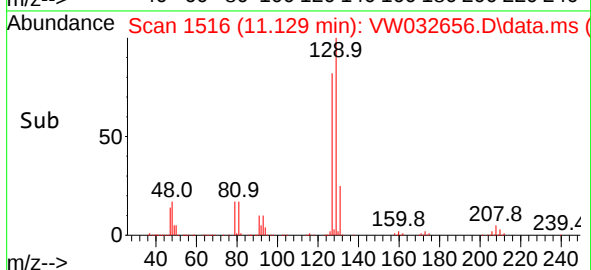
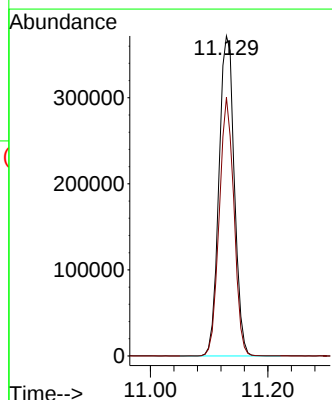
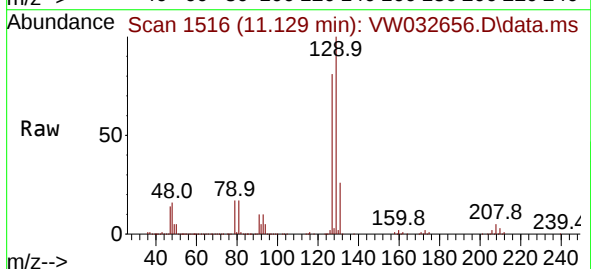
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

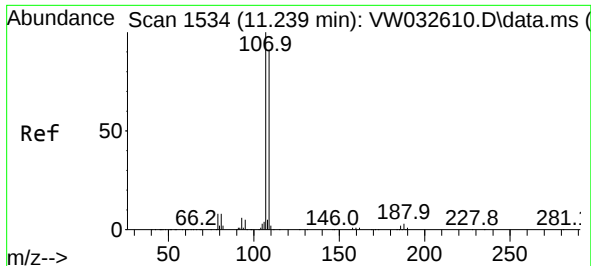
Tgt Ion: 43 Resp: 2346099
Ion Ratio Lower Upper
43 100
58 53.6 26.3 78.9



#60
Dibromochloromethane
Concen: 151.849 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 129 Resp: 674301
Ion Ratio Lower Upper
129 100
127 77.0 37.2 111.6

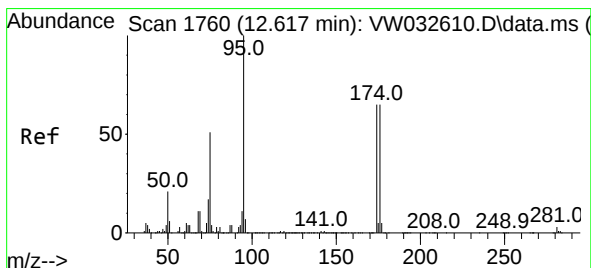
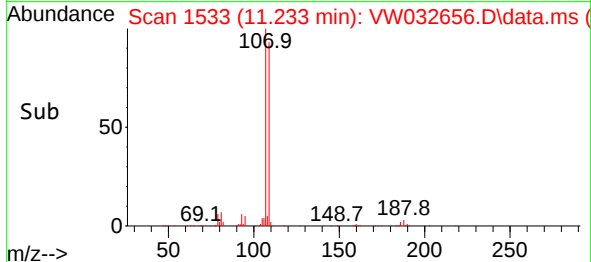
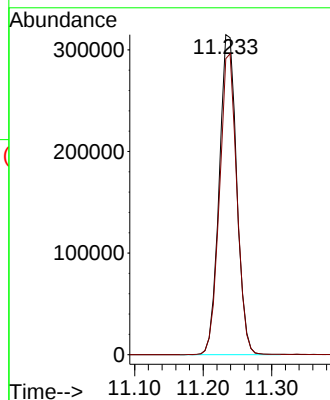
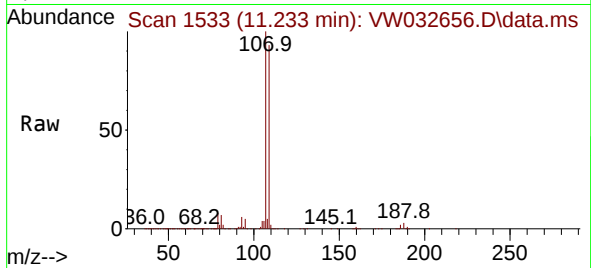




#61
1,2-Dibromoethane
Concen: 145.540 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

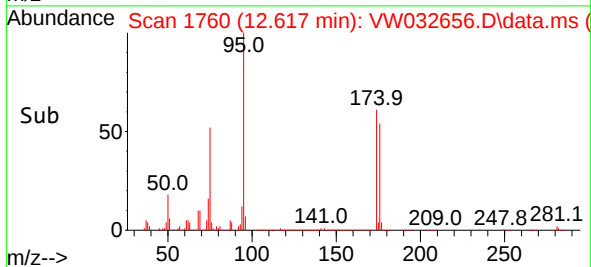
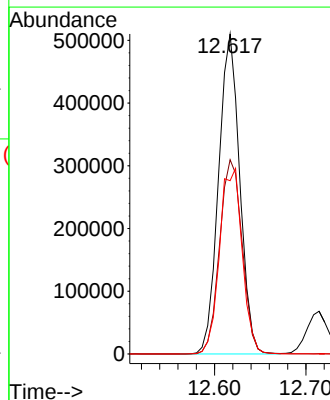
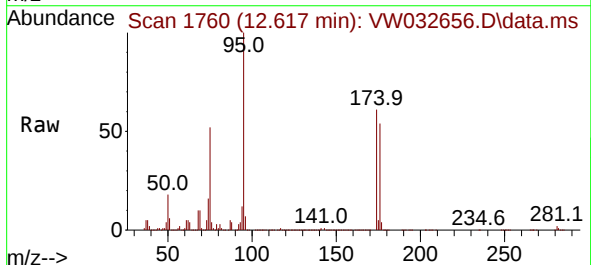
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

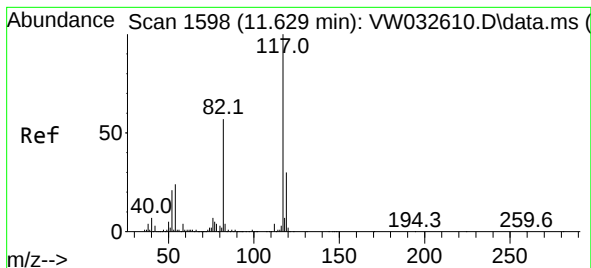
Tgt Ion:107 Resp: 555948
Ion Ratio Lower Upper
107 100
109 93.4 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 136.967 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 95 Resp: 822142
Ion Ratio Lower Upper
95 100
174 64.7 0.0 135.0
176 62.2 0.0 123.4

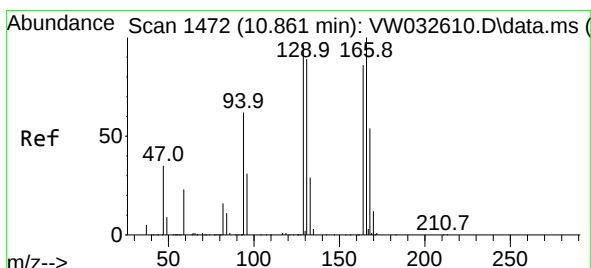
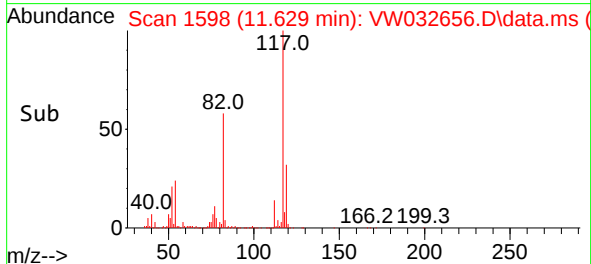
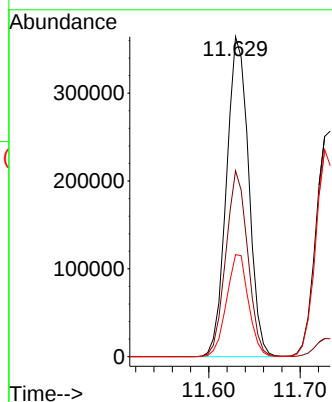
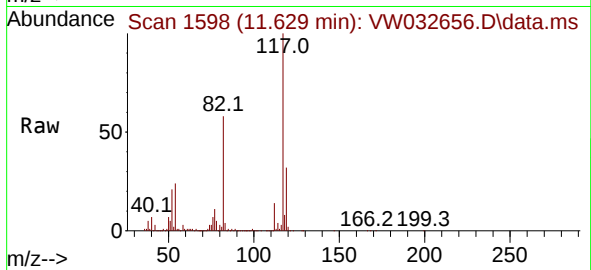




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

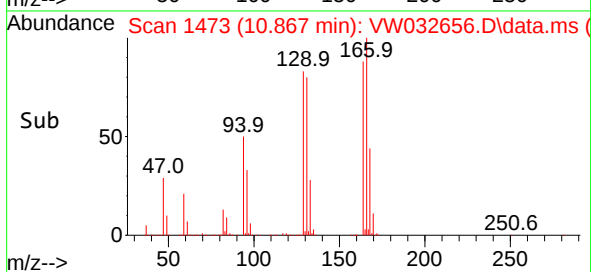
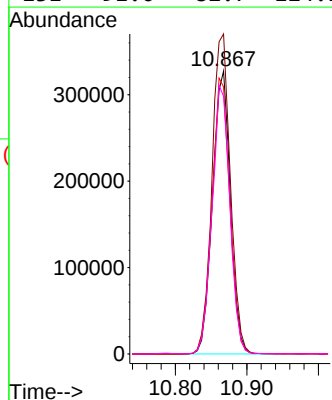
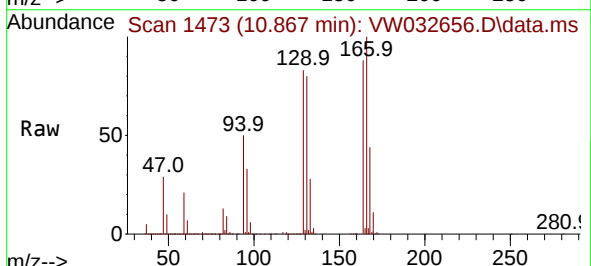
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

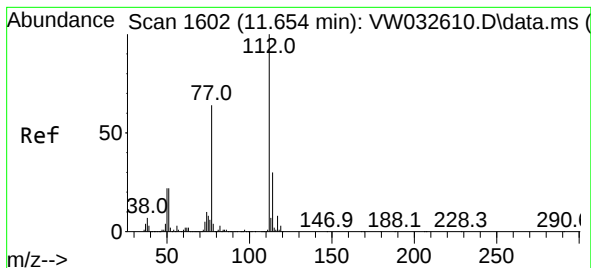
Tgt Ion:117 Resp: 614875
Ion Ratio Lower Upper
117 100
82 58.1 45.5 68.3
119 31.9 23.8 35.8



#64
Tetrachloroethene
Concen: 143.804 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion:164 Resp: 564078
Ion Ratio Lower Upper
164 100
166 113.1 93.0 139.6
129 94.4 89.2 133.8
131 91.0 82.7 124.1





#65

Chlorobenzene

Concen: 140.974 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

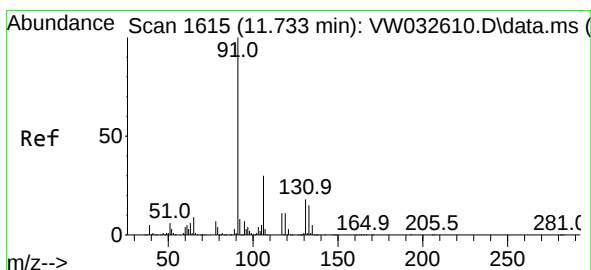
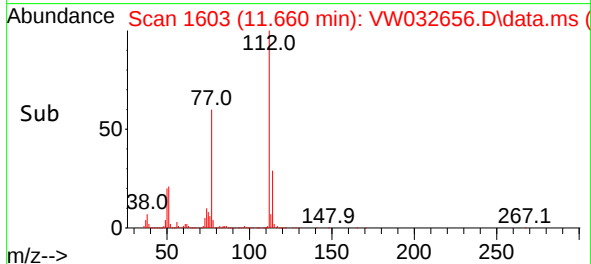
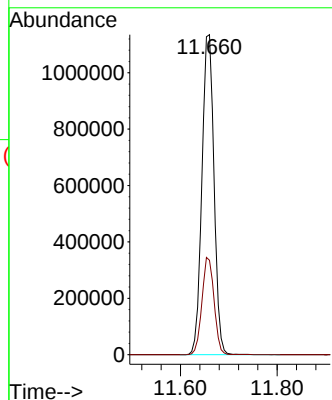
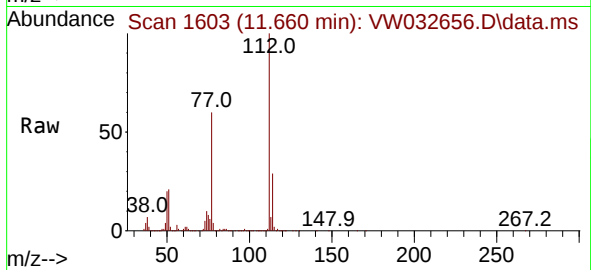
VSTDIC150

Tgt Ion:112 Resp: 1970007

Ion Ratio Lower Upper

112 100

114 29.5 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 139.818 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

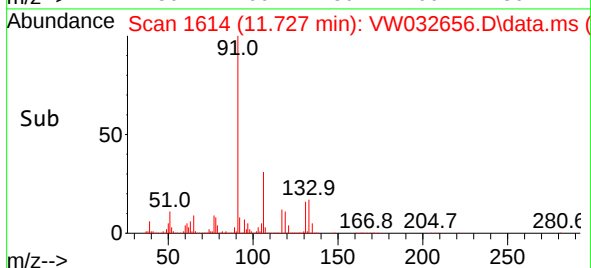
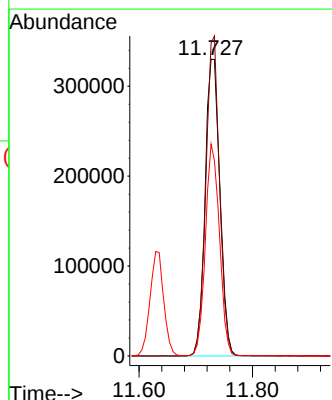
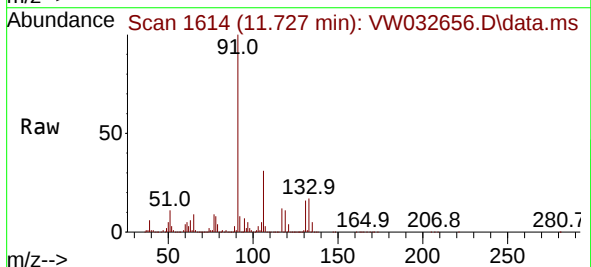
Tgt Ion:131 Resp: 598116

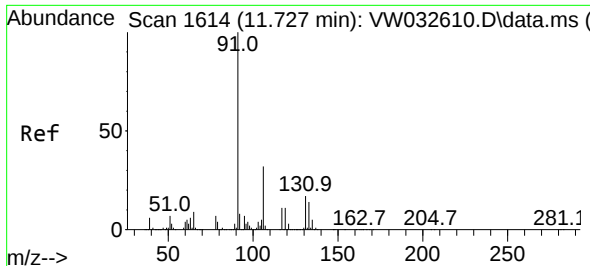
Ion Ratio Lower Upper

131 100

133 100.1 44.0 132.1

119 67.8 32.0 96.2





#67

Ethyl Benzene

Concen: 144.580 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

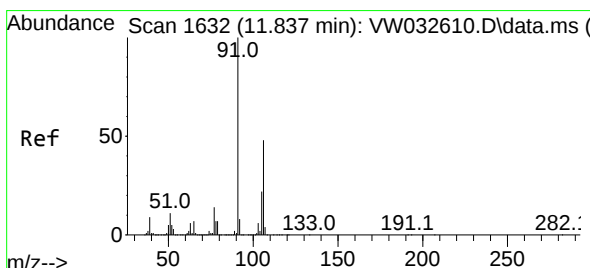
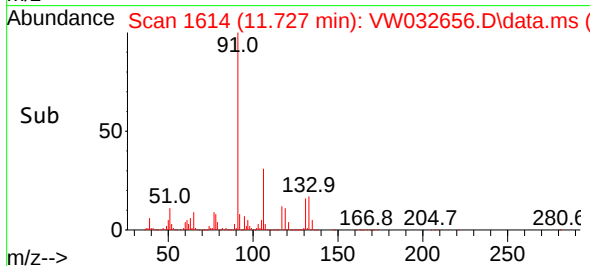
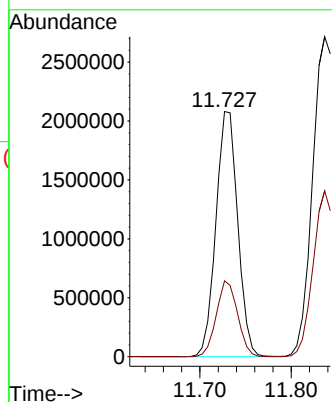
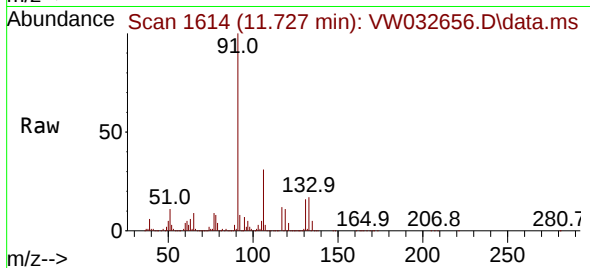
VSTDIC150

Tgt Ion: 91 Resp: 3453268

Ion Ratio Lower Upper

91 100

106 30.9 25.8 38.6



#68

m/p-Xylenes

Concen: 285.244 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032656.D

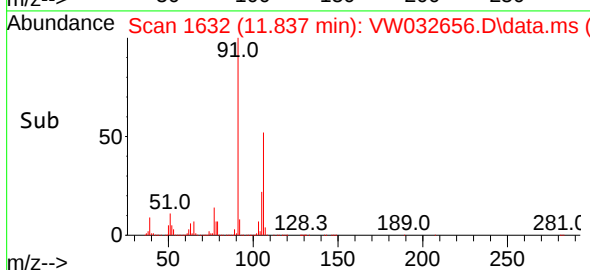
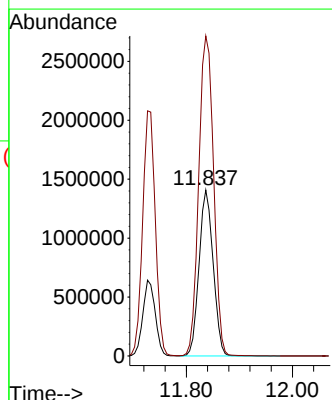
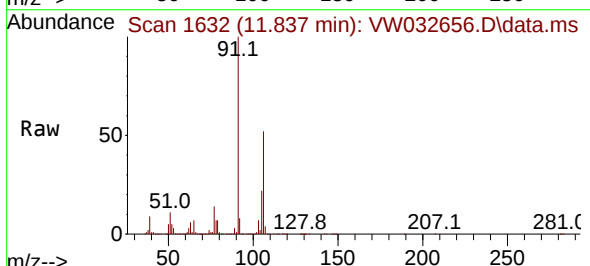
Acq: 16 Dec 2025 14:53

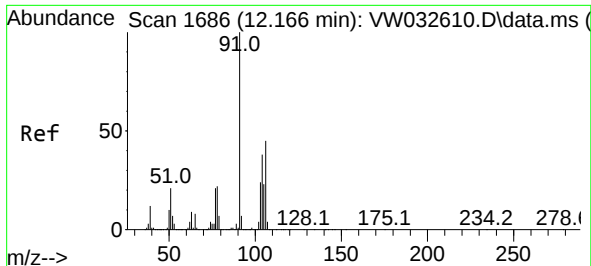
Tgt Ion:106 Resp: 2598549

Ion Ratio Lower Upper

106 100

91 203.3 165.6 248.4

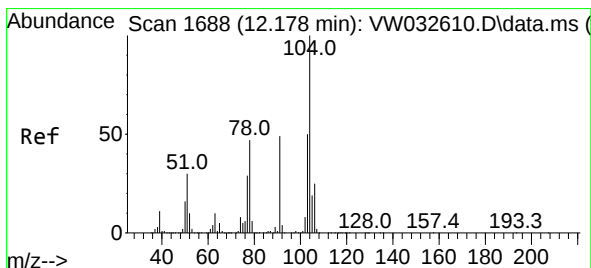
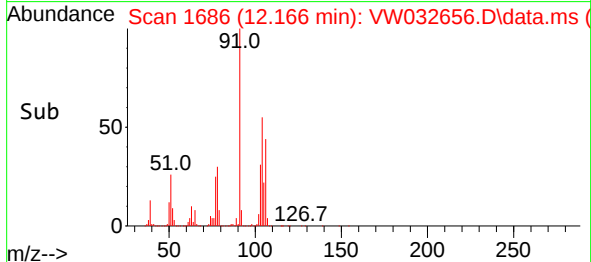
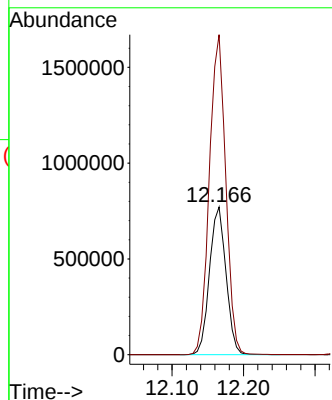
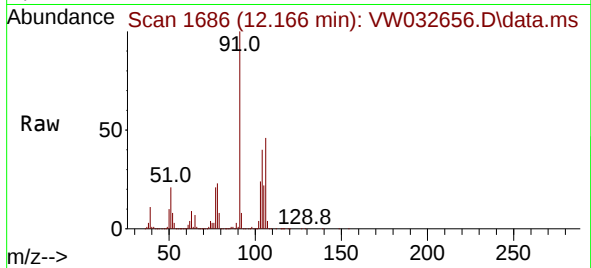




#69
o-Xylene
Concen: 148.309 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

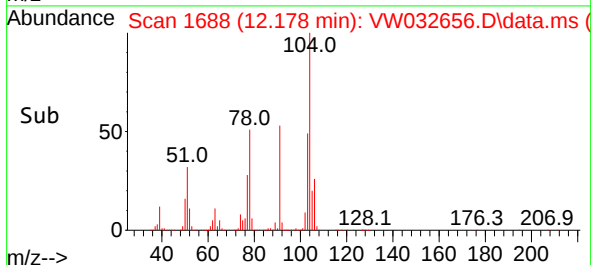
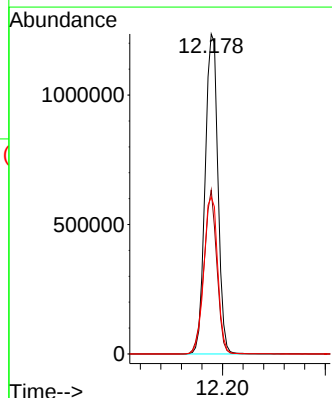
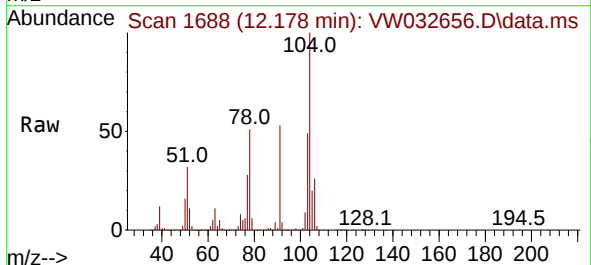
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

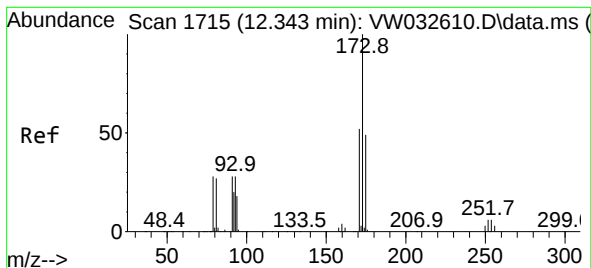
Tgt Ion:106 Resp: 1234309
Ion Ratio Lower Upper
106 100
91 215.2 108.3 324.8



#70
Styrene
Concen: 147.086 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion:104 Resp: 2132891
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 53.3 43.8 65.6





#71

Bromoform

Concen: 151.765 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

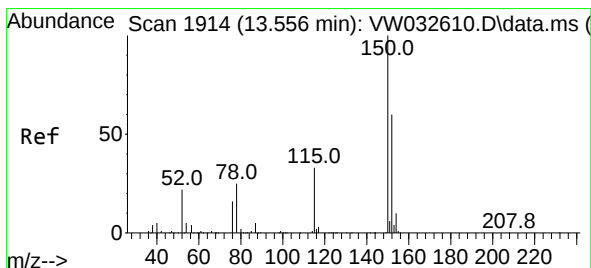
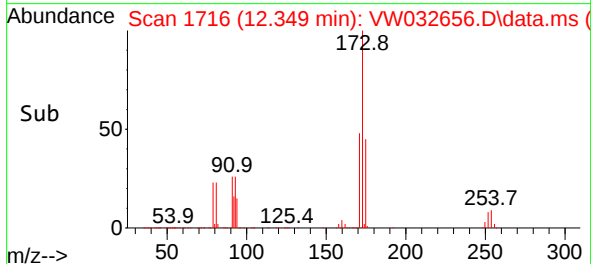
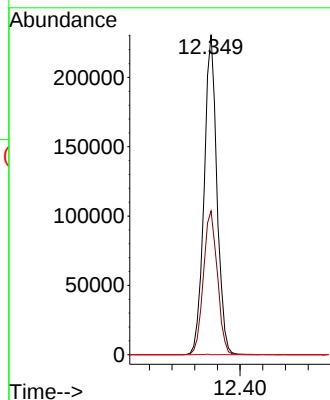
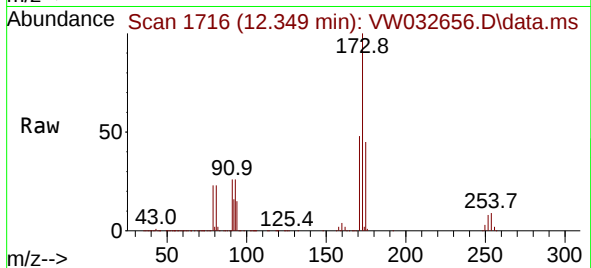
Tgt Ion:173 Resp: 362723

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

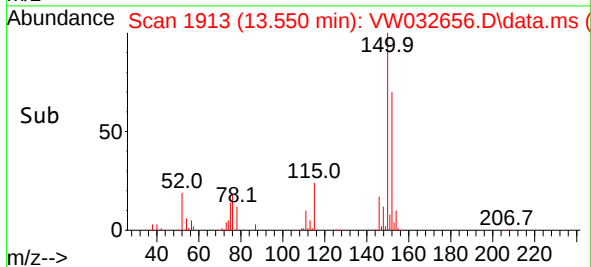
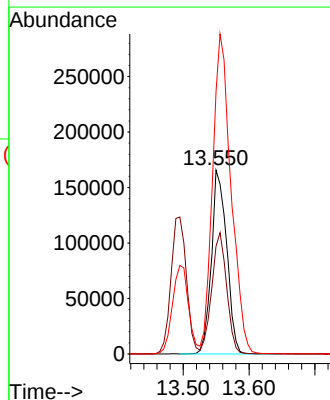
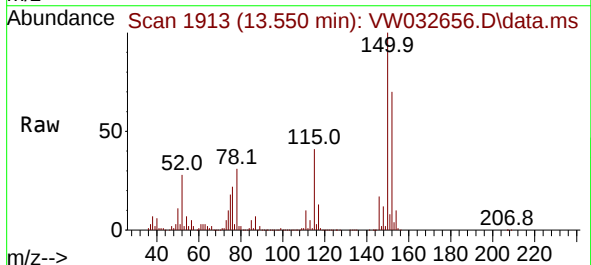
Tgt Ion:152 Resp: 267869

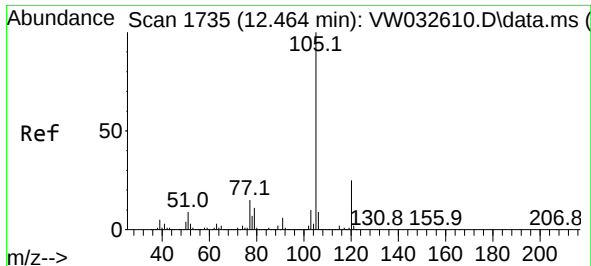
Ion Ratio Lower Upper

152 100

115 64.1 33.8 101.3

150 209.9 0.0 369.4

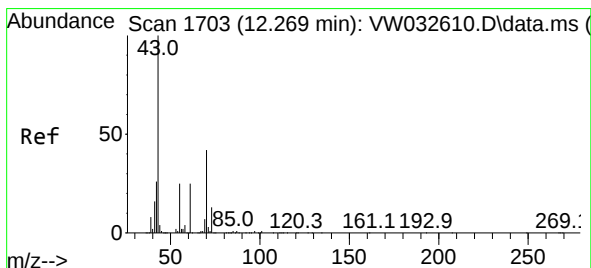
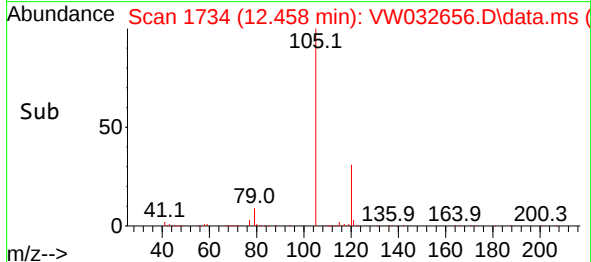
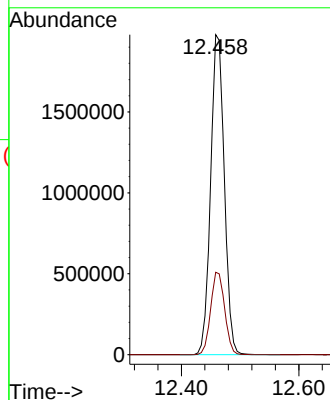
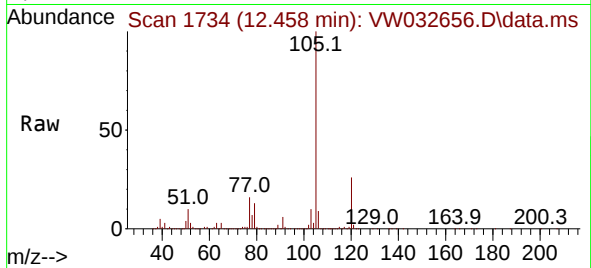




#73
Isopropylbenzene
Concen: 158.509 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

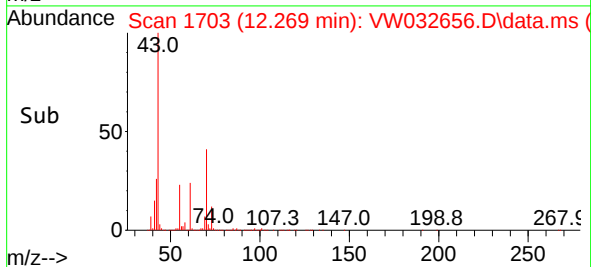
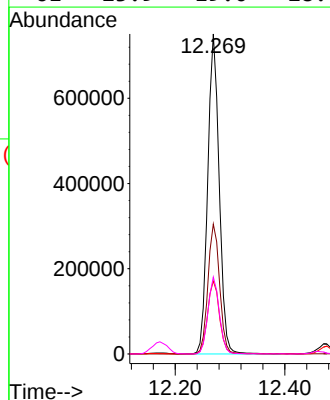
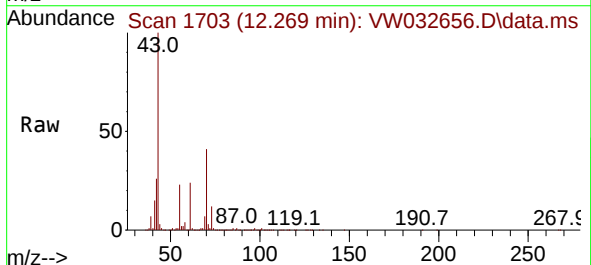
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

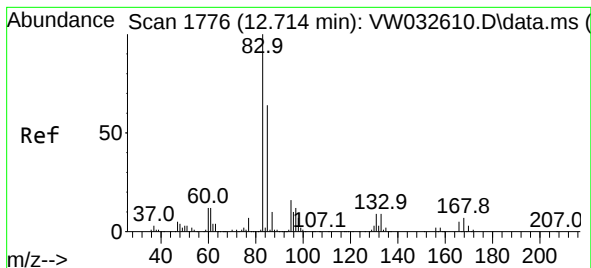
Tgt Ion:105 Resp: 3194850
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 164.635 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 43 Resp: 1084099
Ion Ratio Lower Upper
43 100
70 41.5 32.4 48.6
55 23.7 19.8 29.6
61 23.9 19.0 28.4

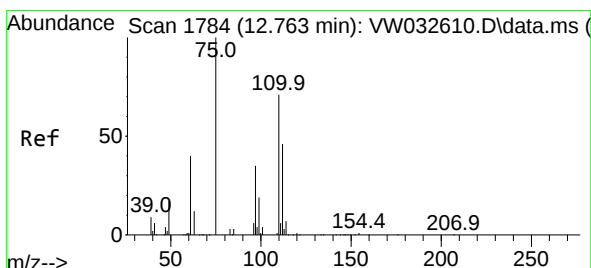
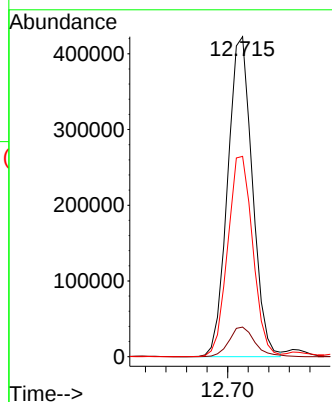
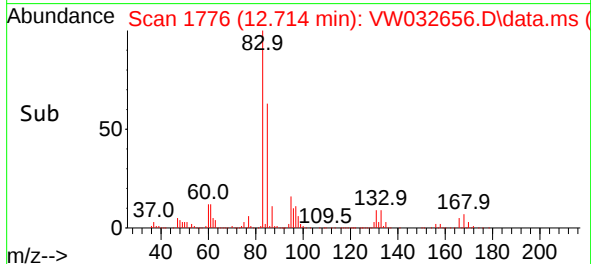
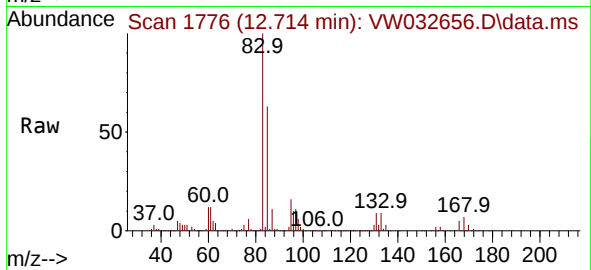




#75
 1,1,2,2-Tetrachloroethane
 Concen: 147.372 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.006 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

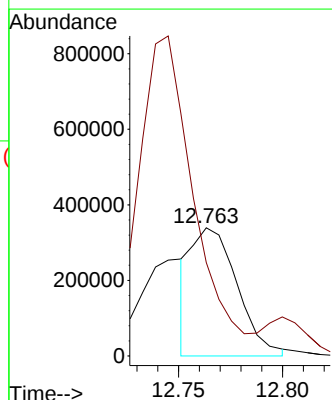
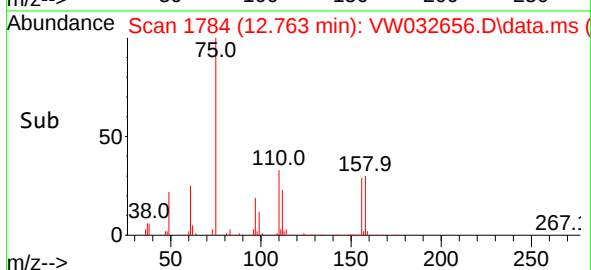
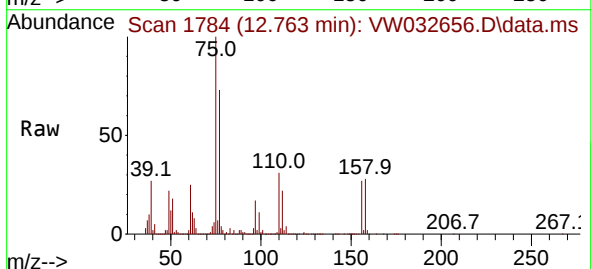
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

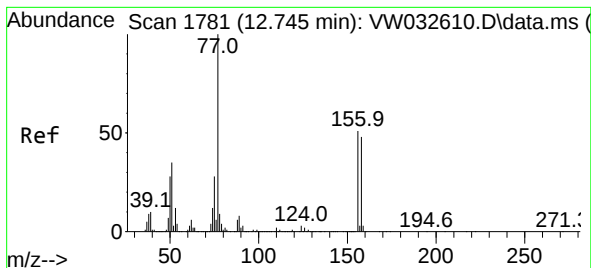
Tgt Ion: 83 Resp: 705964
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 63.6 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 85.043 ug/l m
 RT: 12.763 min Scan# 1784
 Delta R.T. -0.000 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

Tgt Ion: 75 Resp: 520344
 Ion Ratio Lower Upper
 75 100
 77 300.9 154.0 462.0





#77

Bromobenzene

Concen: 147.947 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

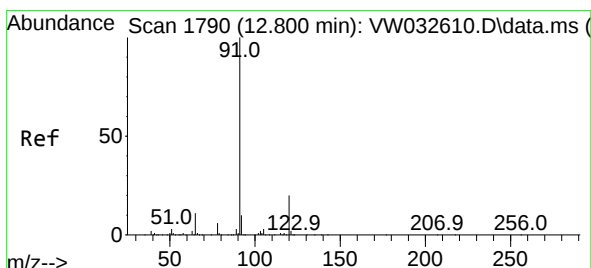
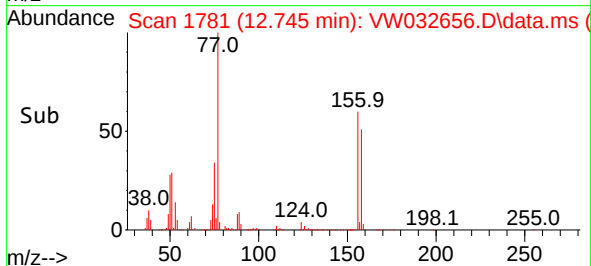
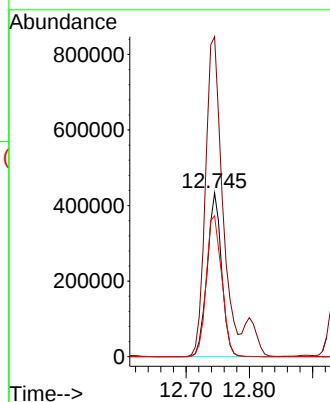
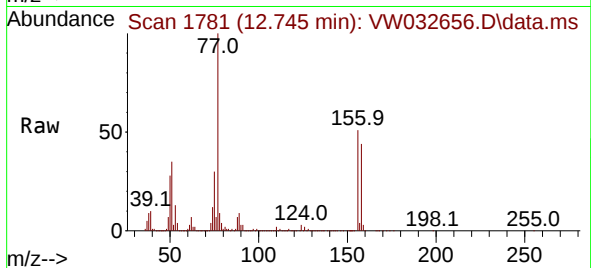
Tgt Ion:156 Resp: 687092

Ion Ratio Lower Upper

156 100

77 227.8 116.7 350.1

158 92.4 49.9 149.7



#78

n-propylbenzene

Concen: 152.084 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032656.D

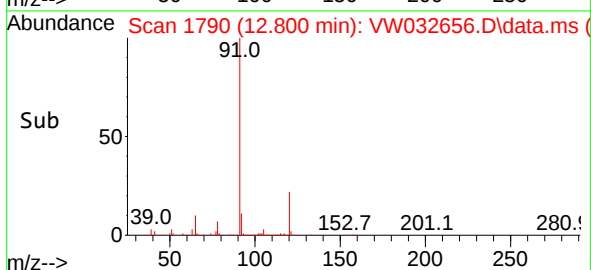
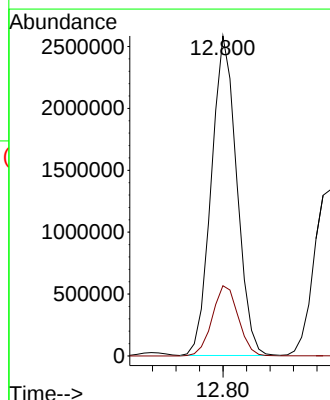
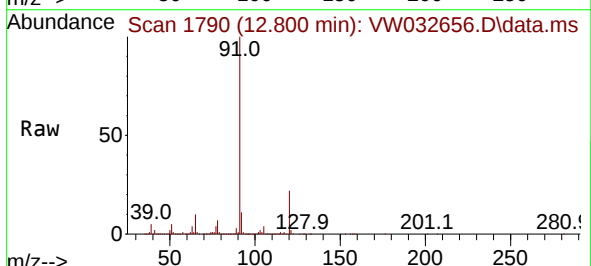
Acq: 16 Dec 2025 14:53

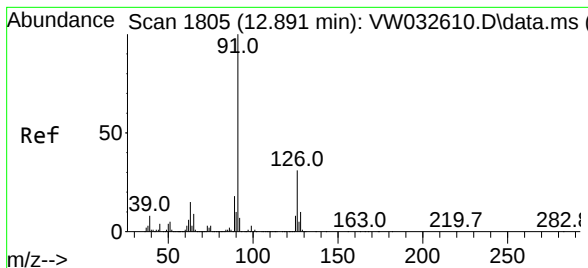
Tgt Ion: 91 Resp: 3883898

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.6

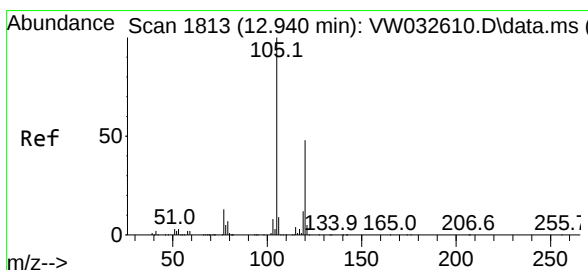
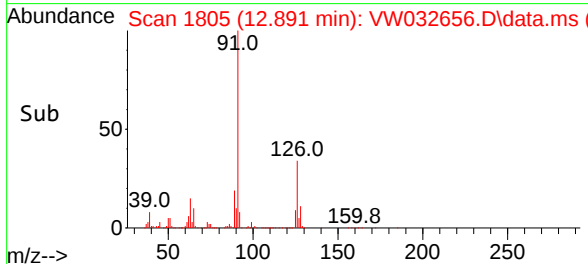
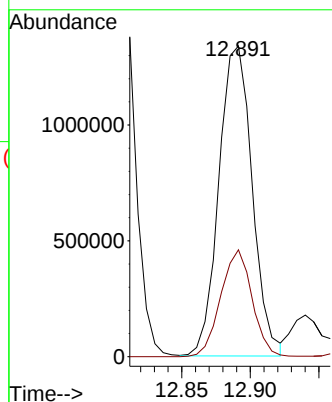
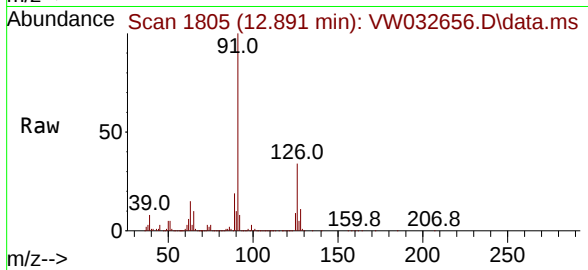




#79
2-Chlorotoluene
Concen: 148.888 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

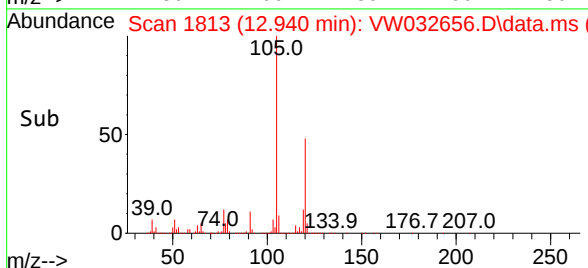
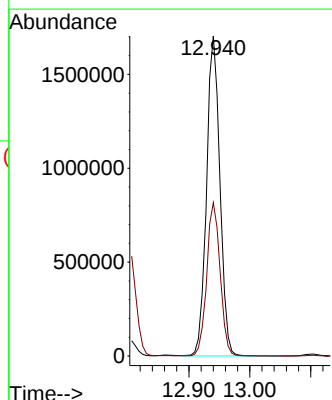
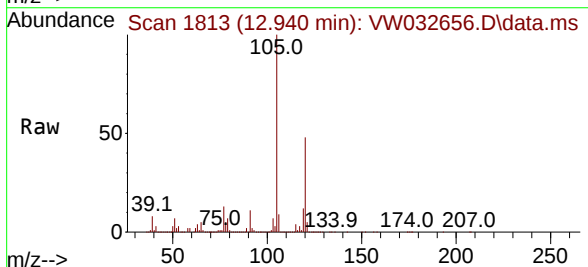
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

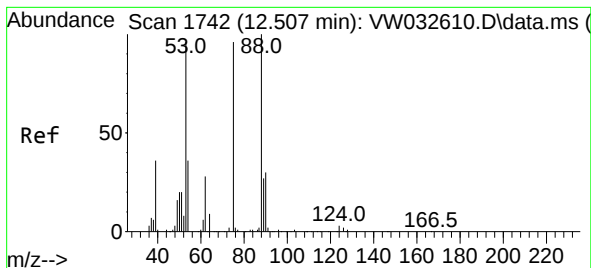
Tgt Ion: 91 Resp: 2264901
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 154.557 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 105 Resp: 2597066
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8

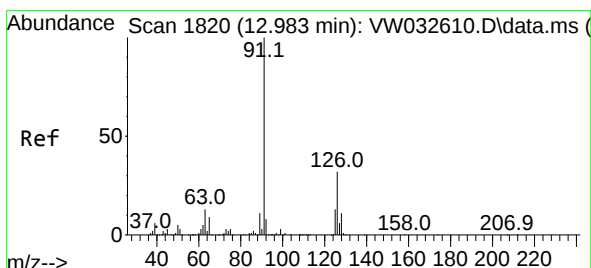
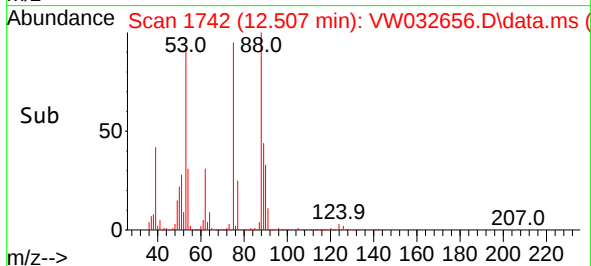
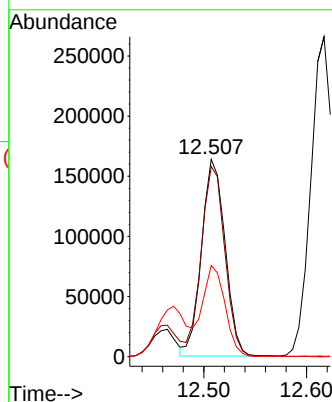
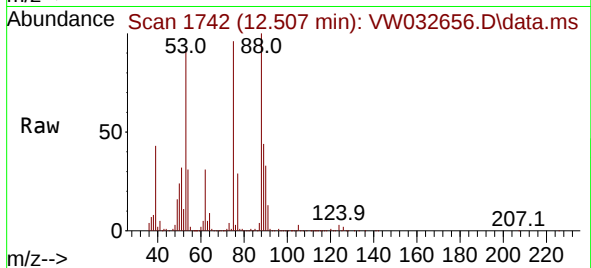




#81
trans-1,4-Dichloro-2-butene
Concen: 166.979 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

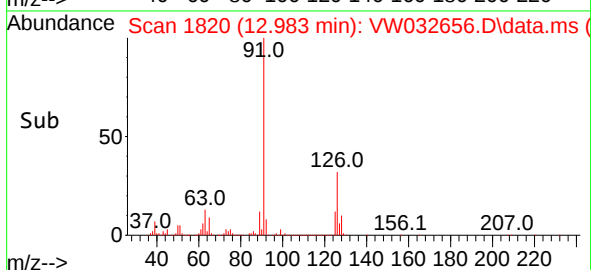
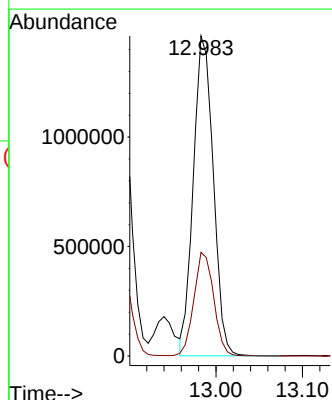
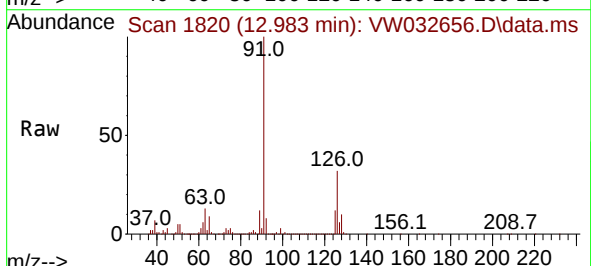
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

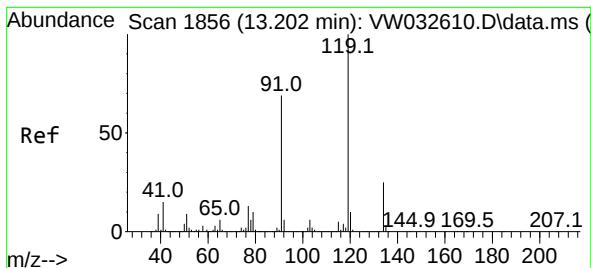
Tgt Ion: 75 Resp: 260891
Ion Ratio Lower Upper
75 100
53 96.6 86.1 129.1
89 43.9 37.4 56.2



#82
4-Chlorotoluene
Concen: 144.562 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 91 Resp: 2335235
Ion Ratio Lower Upper
91 100
126 32.3 15.8 47.4





#83

tert-Butylbenzene

Concen: 155.295 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

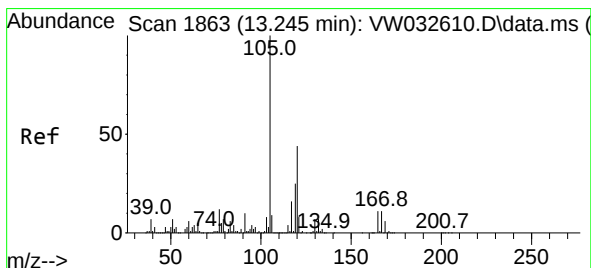
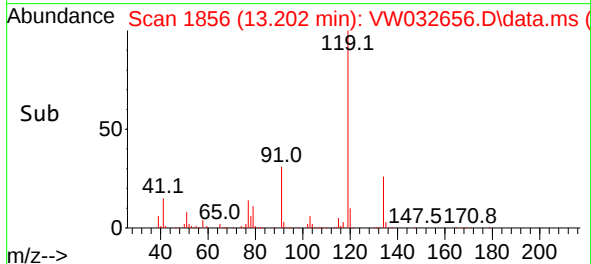
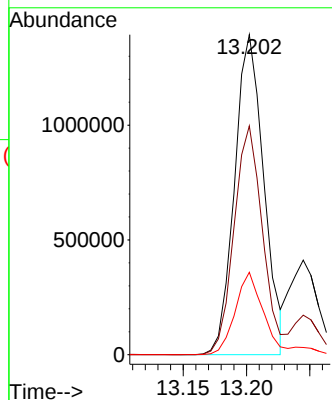
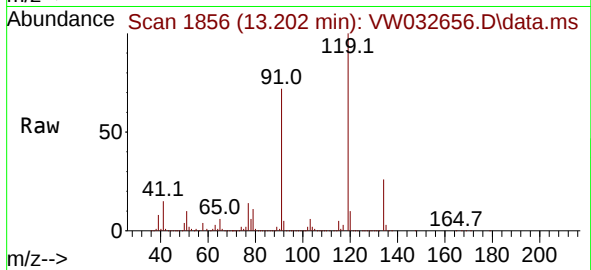
Tgt Ion:119 Resp: 2239568

Ion Ratio Lower Upper

119 100

91 70.6 34.3 102.8

134 24.5 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 151.405 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032656.D

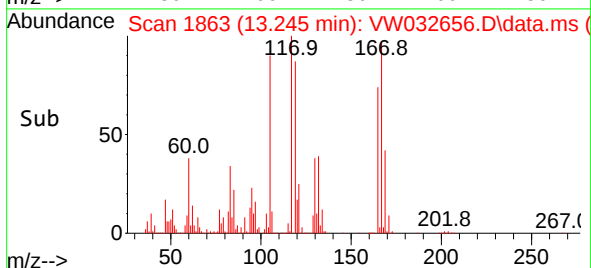
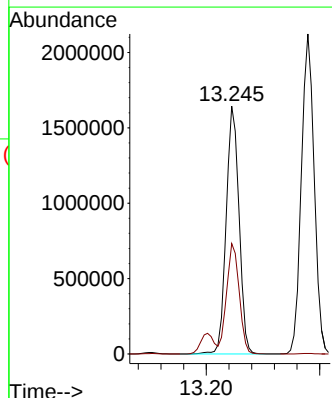
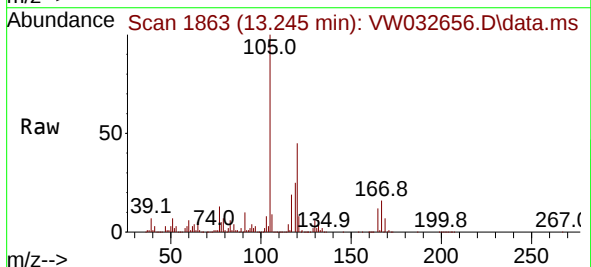
Acq: 16 Dec 2025 14:53

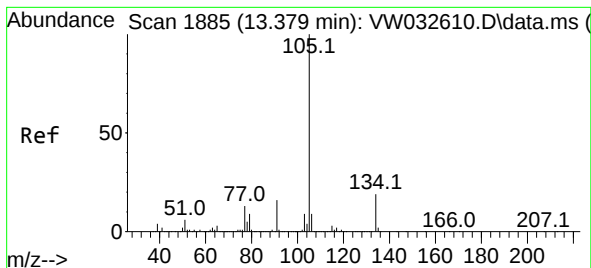
Tgt Ion:105 Resp: 2584887

Ion Ratio Lower Upper

105 100

120 43.7 22.4 67.0

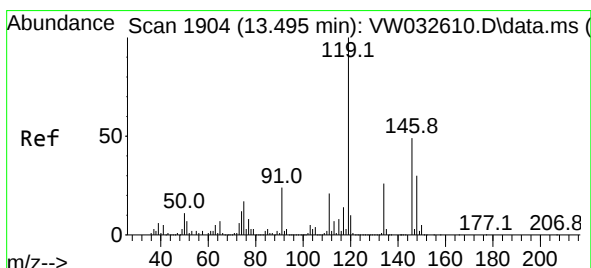
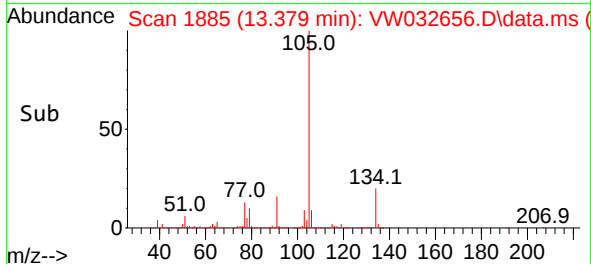
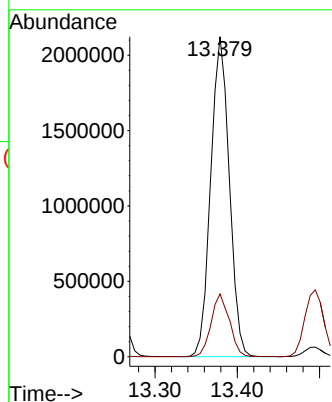
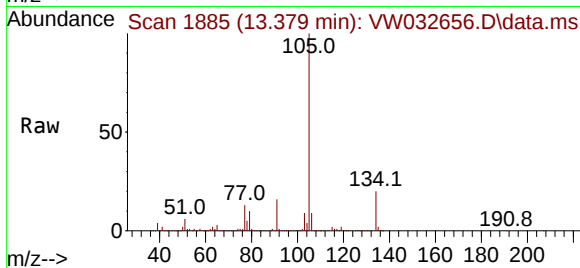




#85
 sec-Butylbenzene
 Concen: 151.275 ug/l
 RT: 13.379 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

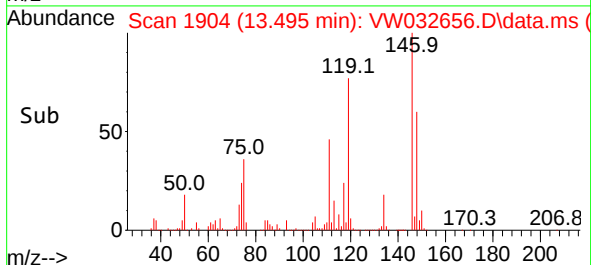
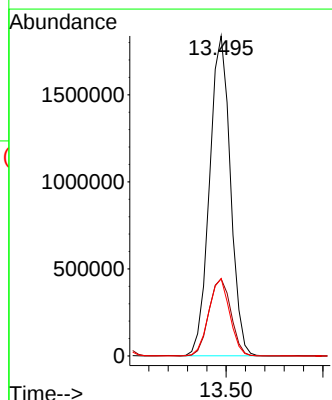
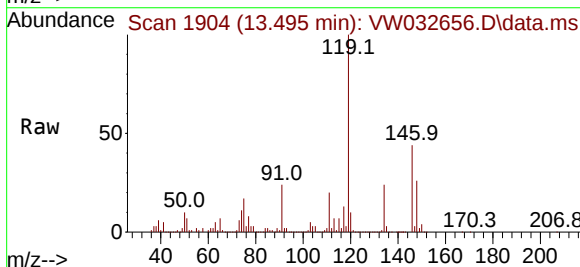
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

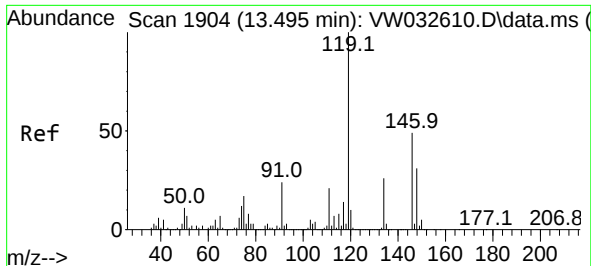
Tgt Ion:105 Resp: 3328383
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 152.911 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032656.D
 Acq: 16 Dec 2025 14:53

Tgt Ion:119 Resp: 2754948
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 143.521 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

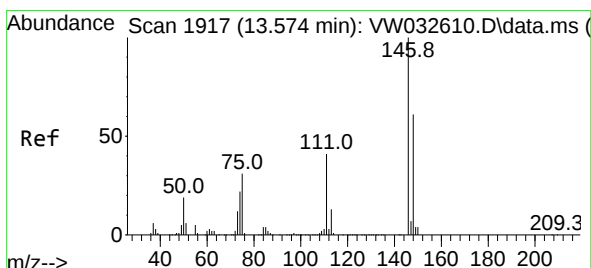
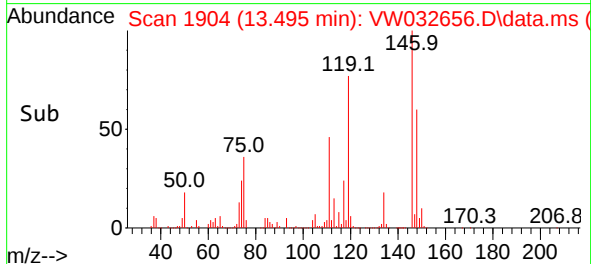
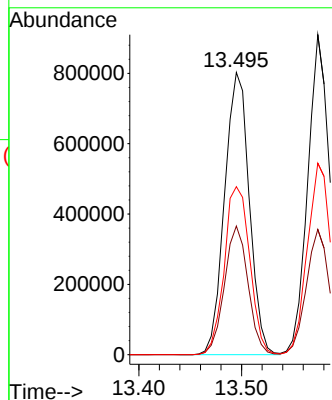
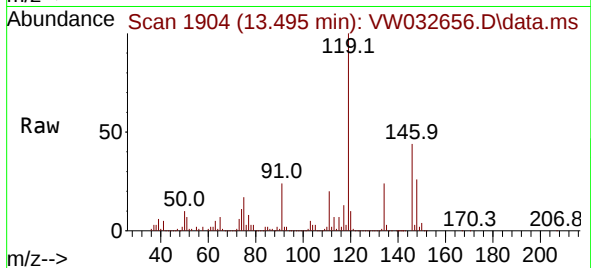
Tgt Ion:146 Resp: 1341515

Ion Ratio Lower Upper

146 100

111 43.5 21.6 64.6

148 61.4 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 145.824 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

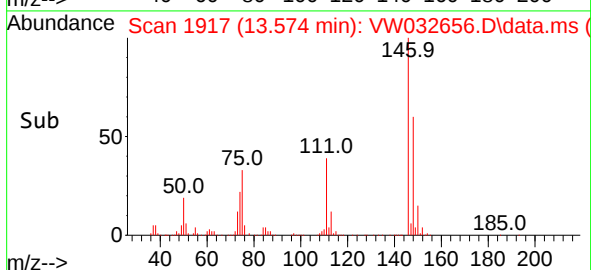
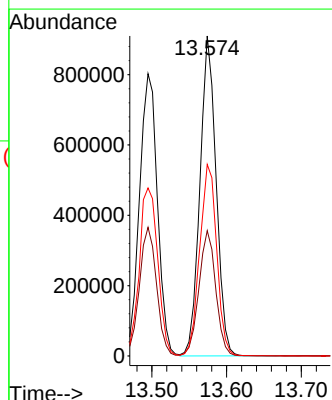
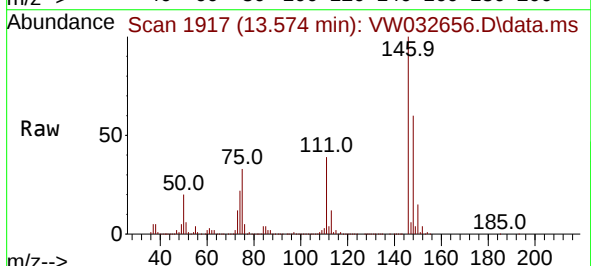
Tgt Ion:146 Resp: 1369308

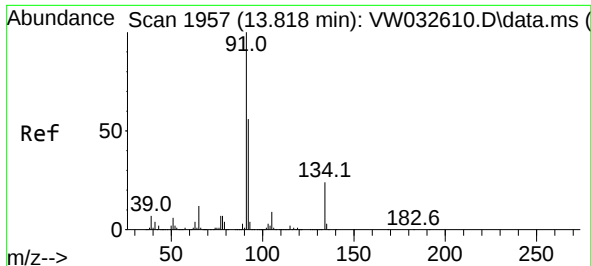
Ion Ratio Lower Upper

146 100

111 40.7 20.9 62.8

148 63.0 30.4 91.2

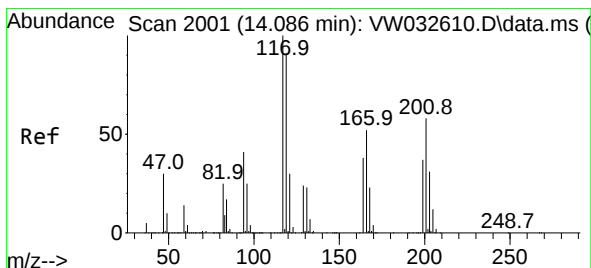
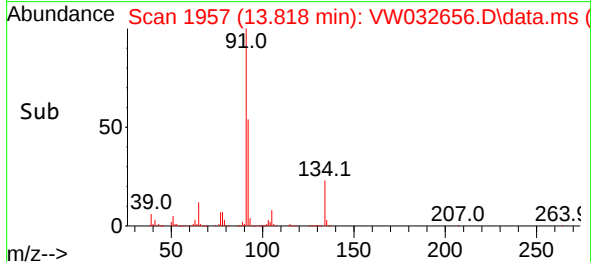
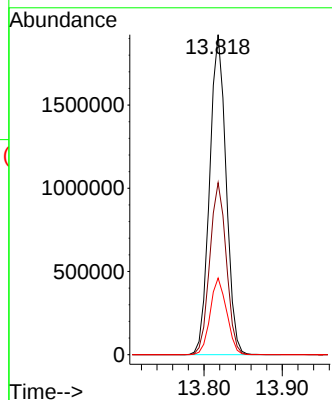
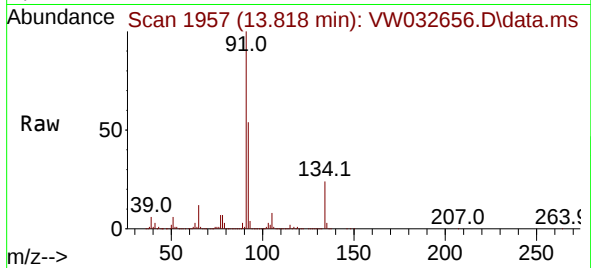




#89
n-Butylbenzene
Concen: 154.746 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

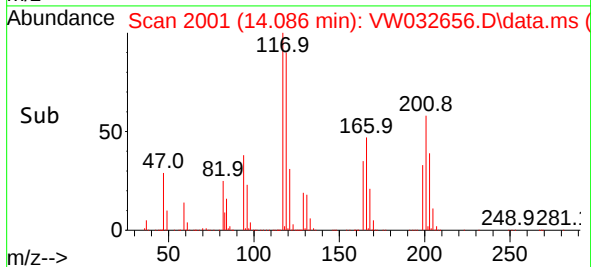
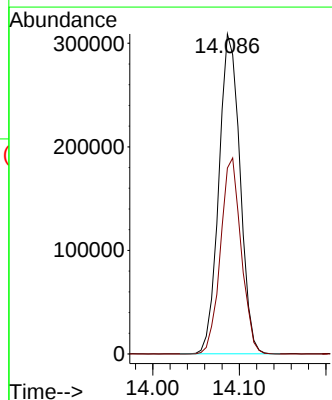
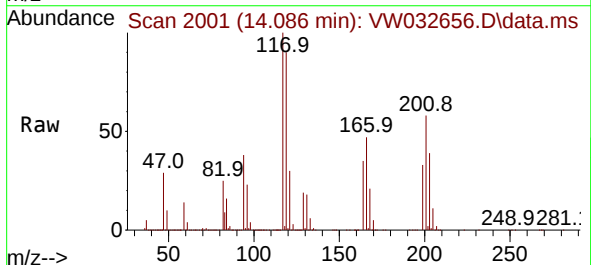
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

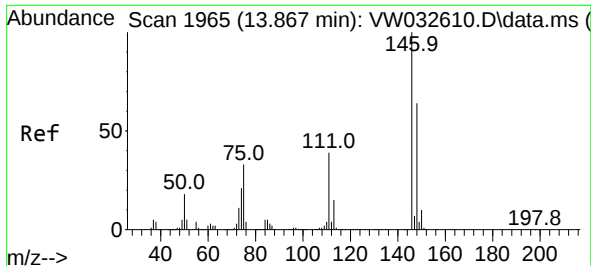
Tgt Ion: 91 Resp: 2803703
Ion Ratio Lower Upper
91 100
92 54.0 27.4 82.0
134 23.9 11.8 35.4



#90
Hexachloroethane
Concen: 154.636 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 117 Resp: 523621
Ion Ratio Lower Upper
117 100
201 60.0 30.4 91.2

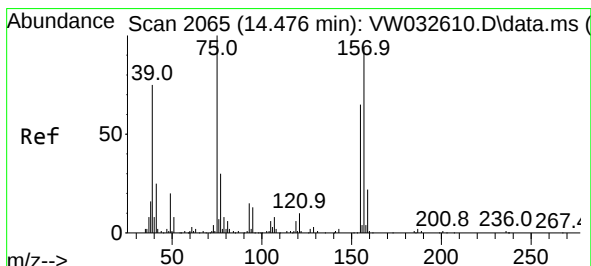
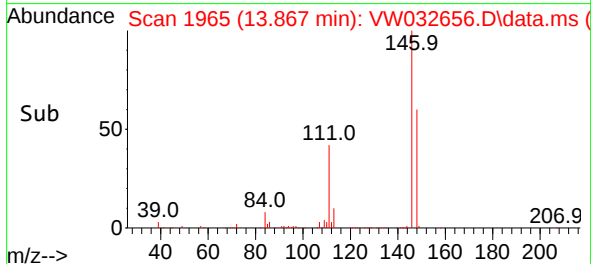
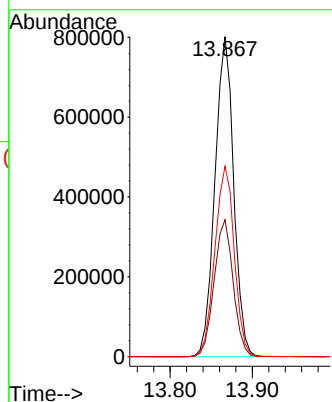
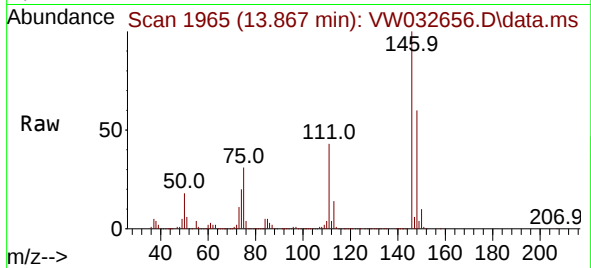




#91
1,2-Dichlorobenzene
Concen: 149.792 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

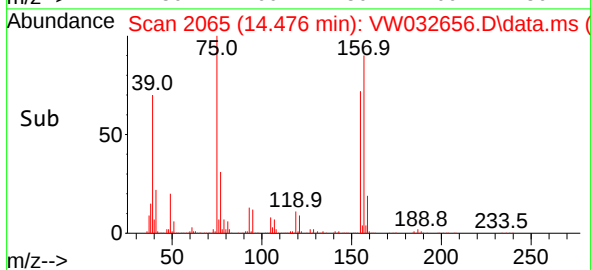
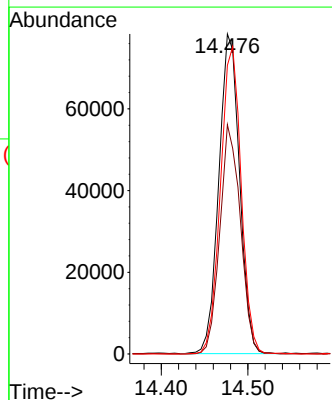
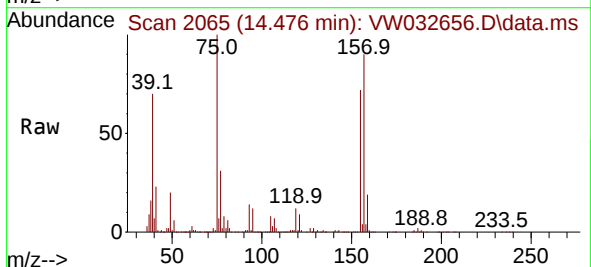
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

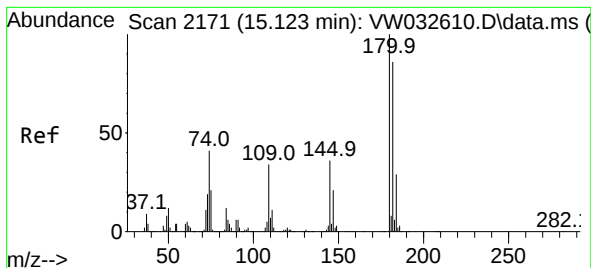
Tgt Ion:146 Resp: 1267508
Ion Ratio Lower Upper
146 100
111 43.5 21.5 64.5
148 61.7 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 157.844 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032656.D
Acq: 16 Dec 2025 14:53

Tgt Ion: 75 Resp: 130117
Ion Ratio Lower Upper
75 100
155 71.0 35.3 105.9
157 95.9 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 158.334 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

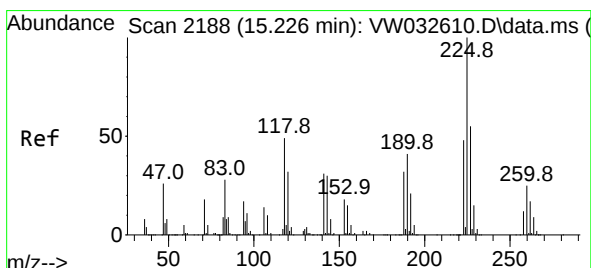
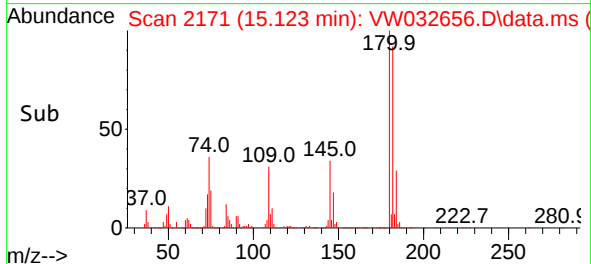
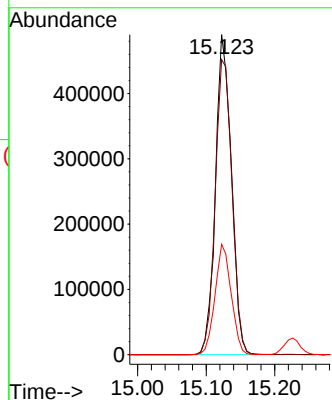
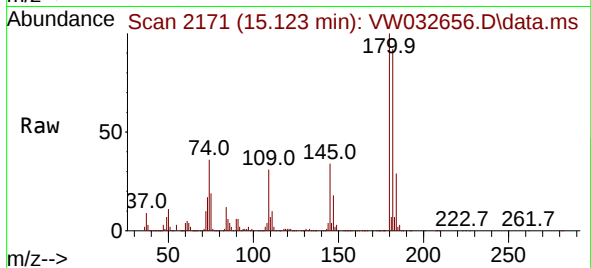
Tgt Ion:180 Resp: 793067

Ion Ratio Lower Upper

180 100

182 97.1 46.9 140.6

145 35.1 17.1 51.3



#94

Hexachlorobutadiene

Concen: 153.214 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

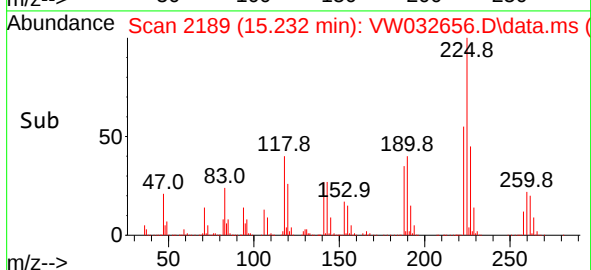
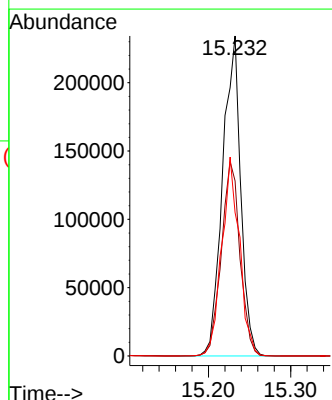
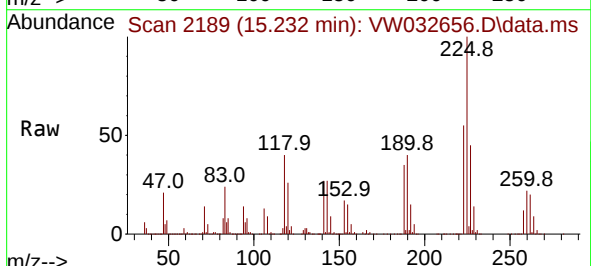
Tgt Ion:225 Resp: 358625

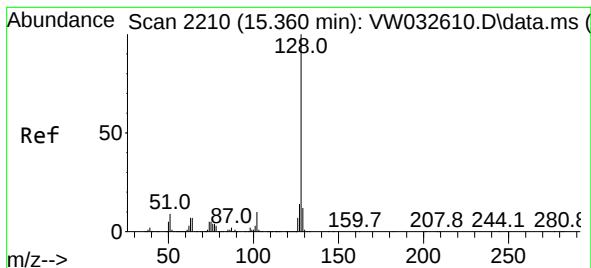
Ion Ratio Lower Upper

225 100

223 62.7 30.3 90.8

227 60.7 29.1 87.4





#95

Naphthalene

Concen: 168.948 ug/l

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

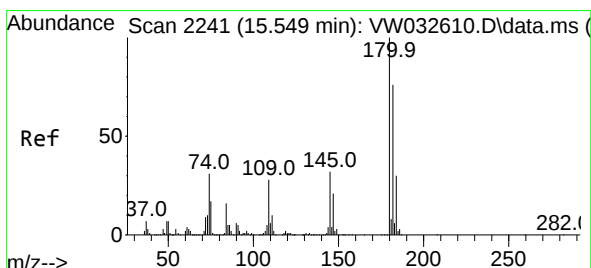
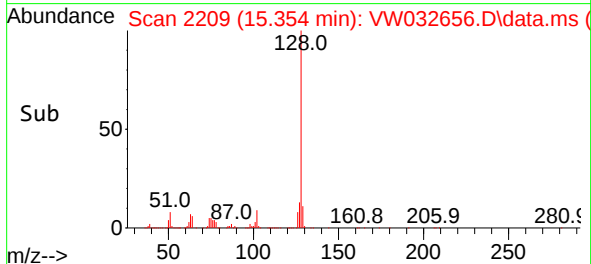
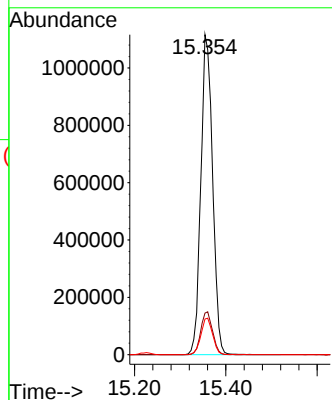
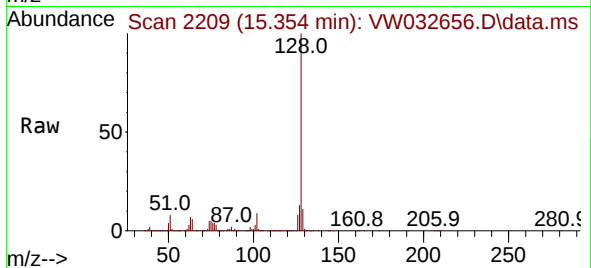
Tgt Ion:128 Resp: 1989351

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.3 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 163.710 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032656.D

Acq: 16 Dec 2025 14:53

Tgt Ion:180 Resp: 736702

Ion Ratio Lower Upper

180 100

182 94.2 45.9 137.6

145 34.6 17.0 51.0

