

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032141.D
 Acq On : 26 Aug 2025 11:29
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 27 03:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	214311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	368598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	341675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	295629	96.455	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 192.920%#	
35) Dibromofluoromethane	7.904	113	246791	95.431	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 190.860%#	
50) Toluene-d8	10.325	98	878263	96.743	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 193.480%#	
62) 4-Bromofluorobenzene	12.617	95	329277	98.087	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 196.180%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	130979	92.569	ug/l	98
3) Chloromethane	2.259	50	137307	92.554	ug/l	98
4) Vinyl Chloride	2.405	62	177256	91.991	ug/l	99
5) Bromomethane	2.820	94	158181	91.928	ug/l	99
6) Chloroethane	2.966	64	127686	94.095	ug/l	99
7) Trichlorofluoromethane	3.301	101	193157	101.172	ug/l	97
8) Diethyl Ether	3.722	74	134040	94.079	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	199429	92.726	ug/l	99
10) Methyl Iodide	4.301	142	314350	95.989	ug/l	99
11) Tert butyl alcohol	5.228	59	96529	514.893	ug/l	98
12) 1,1-Dichloroethene	4.082	96	213483	94.253	ug/l	92
13) Acrolein	3.929	56	139429	483.829	ug/l	98
14) Allyl chloride	4.704	41	317666	98.737	ug/l	99
15) Acrylonitrile	5.405	53	361906	522.461	ug/l	98
16) Acetone	4.161	43	306726	462.093	ug/l	96
17) Carbon Disulfide	4.417	76	548211	96.771	ug/l	99
18) Methyl Acetate	4.710	43	218721	103.419	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	430581	100.671	ug/l	99
20) Methylene Chloride	4.954	84	249401	99.223	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	247042	97.635	ug/l	90
22) Diisopropyl ether	6.344	45	703459	100.461	ug/l	95
23) Vinyl Acetate	6.283	43	2523955	530.152	ug/l	98
24) 1,1-Dichloroethane	6.246	63	439569	95.888	ug/l	100
25) 2-Butanone	7.197	43	497969	529.422	ug/l	98
26) 2,2-Dichloropropane	7.185	77	241129	99.327	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	302098	98.117	ug/l	100
28) Bromochloromethane	7.532	49	203663	97.052	ug/l	99
29) Tetrahydrofuran	7.551	42	318589	533.016	ug/l	99
30) Chloroform	7.697	83	503040	96.112	ug/l	98
31) Cyclohexane	7.971	56	341064	90.646	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	362994	95.007	ug/l	98
36) 1,1-Dichloropropene	8.099	75	326557	97.392	ug/l	99
37) Ethyl Acetate	7.276	43	209389	104.099	ug/l	100
38) Carbon Tetrachloride	8.081	117	351706	97.846	ug/l	97
39) Methylcyclohexane	9.343	83	405102	102.003	ug/l	96
40) Benzene	8.337	78	1004428	96.909	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	115019	102.923	ug/l	99
42) 1,2-Dichloroethane	8.410	62	347098	96.602	ug/l	100
43) Isopropyl Acetate	8.435	43	396615	105.105	ug/l	100
44) Trichloroethene	9.105	130	253041	97.081	ug/l	94
45) 1,2-Dichloropropane	9.380	63	237748	95.155	ug/l	98
46) Dibromomethane	9.465	93	170875	97.506	ug/l	98
47) Bromodichloromethane	9.654	83	391443	98.293	ug/l	97
48) Methyl methacrylate	9.441	41	189315	108.864	ug/l	96
49) 1,4-Dioxane	9.465	88	44927	2121.836	ug/l	99
51) 4-Methyl-2-Pentanone	10.215	43	1119796	525.549	ug/l	100
52) Toluene	10.392	92	665096	98.198	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	376829	107.262	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	411952	102.767	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	224549	98.537	ug/l	95
56) Ethyl methacrylate	10.648	69	315727	108.371	ug/l	99
57) 1,3-Dichloropropane	10.934	76	379137	99.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	835126	537.045	ug/l	99
59) 2-Hexanone	10.971	43	804518	542.911	ug/l	100
60) Dibromochloromethane	11.129	129	279965	101.529	ug/l	97
61) 1,2-Dibromoethane	11.239	107	222479	99.277	ug/l	98
64) Tetrachloroethene	10.861	164	219868	97.772	ug/l	94
65) Chlorobenzene	11.660	112	756186	97.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	253198	98.889	ug/l	98
67) Ethyl Benzene	11.733	91	1284877	100.837	ug/l	99
68) m/p-Xylenes	11.836	106	997778	203.463	ug/l	98
69) o-Xylene	12.166	106	470060	101.336	ug/l	97
70) Styrene	12.178	104	835536	102.182	ug/l	98
71) Bromoform	12.355	173	156842	103.138	ug/l #	98
73) Isopropylbenzene	12.464	105	1233680	105.088	ug/l	99
74) N-amyl acetate	12.269	43	366581	107.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	281272	100.818	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	355371	158.831	ug/l	40
77) Bromobenzene	12.745	156	285175	95.259	ug/l	92
78) n-propylbenzene	12.800	91	1464769	102.772	ug/l	98
79) 2-Chlorotoluene	12.891	91	882070	101.206	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1025656	103.191	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	92959	115.615	ug/l	95
82) 4-Chlorotoluene	12.983	91	927084	99.374	ug/l	100
83) tert-Butylbenzene	13.202	119	857188	101.713	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	1045208	101.643	ug/l	98
85) sec-Butylbenzene	13.379	105	1260426	100.172	ug/l	100
86) p-Isopropyltoluene	13.495	119	1076959	100.646	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	590816	98.017	ug/l	98
88) 1,4-Dichlorobenzene	13.580	146	572395	94.738	ug/l	97
89) n-Butylbenzene	13.818	91	1058018	103.710	ug/l	99
90) Hexachloroethane	14.092	117	195499	99.884	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	530904	99.481	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	53172	107.882	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	332667	97.566	ug/l	95
94) Hexachlorobutadiene	15.232	225	155367	91.877	ug/l	92
95) Naphthalene	15.360	128	865221	112.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	324145	102.222	ug/l	97

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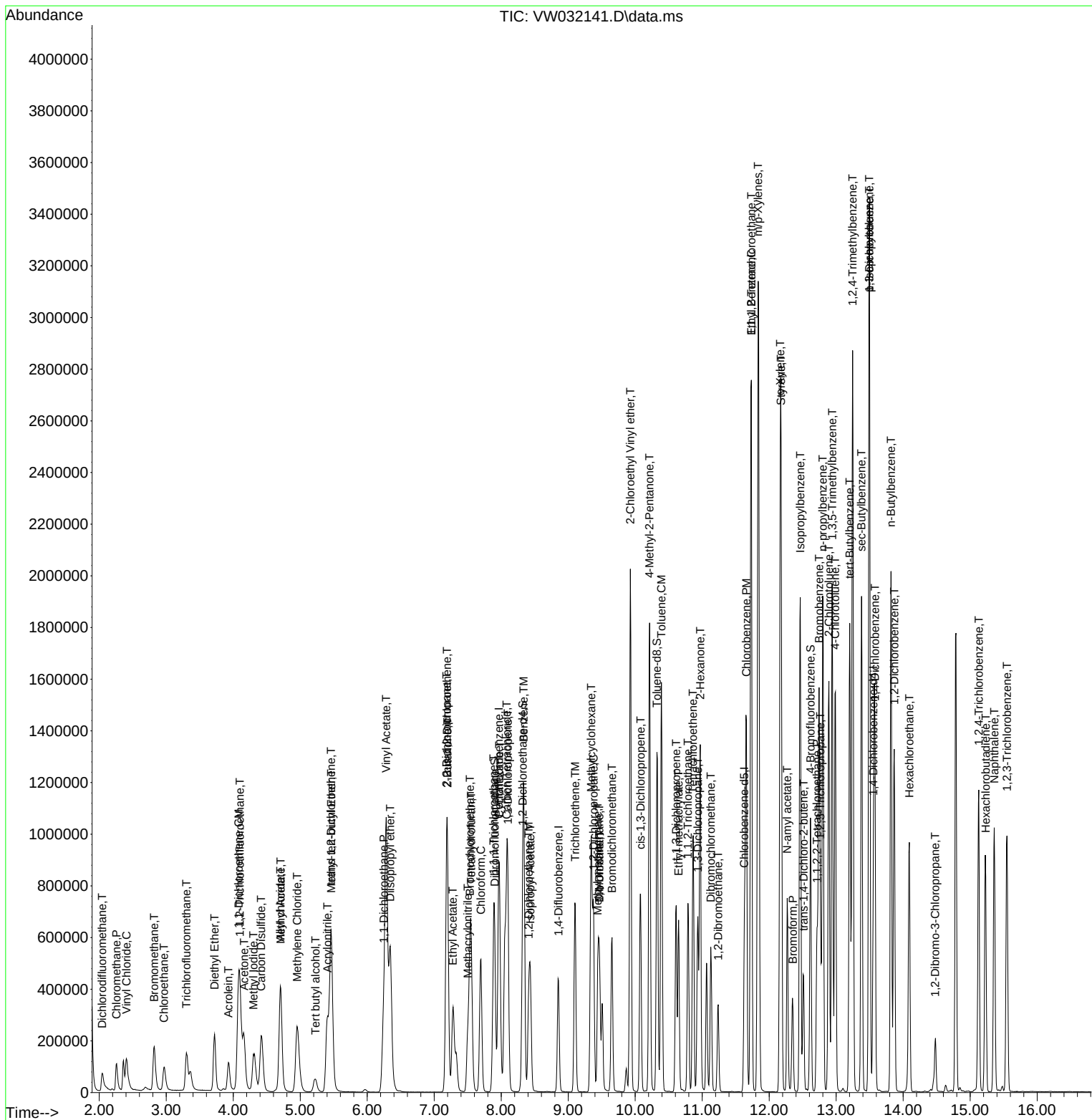
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

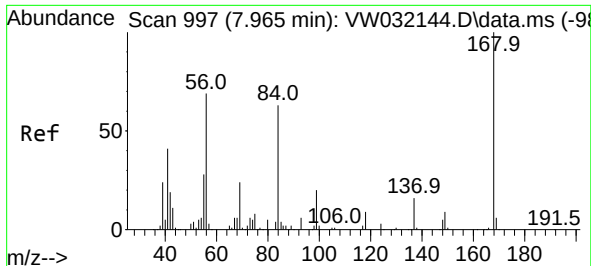
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Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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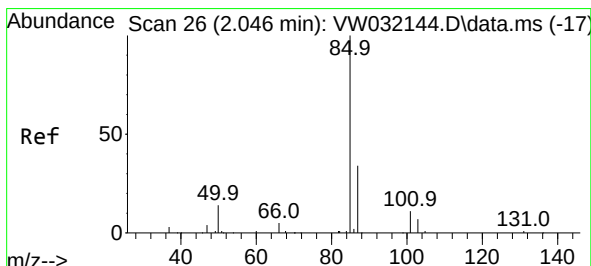
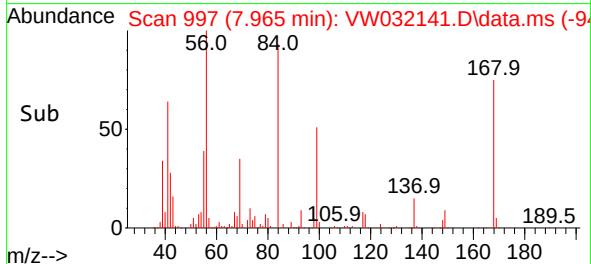
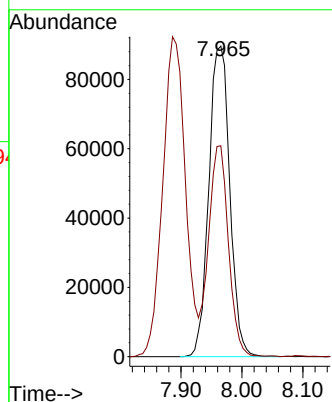
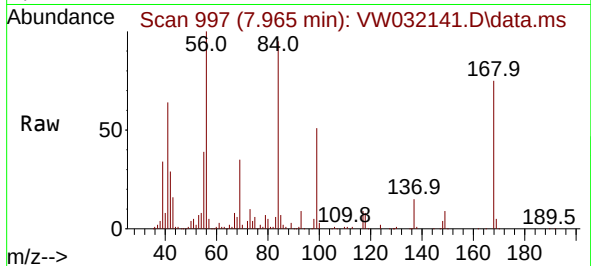




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032141.D
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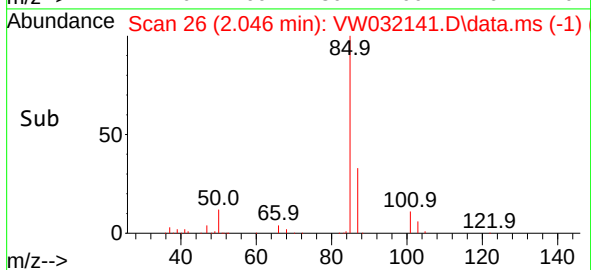
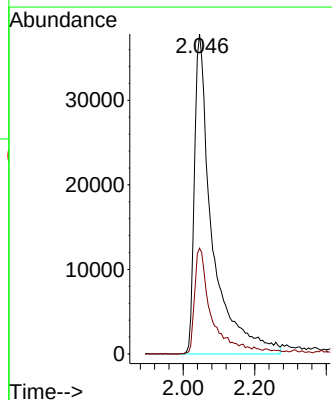
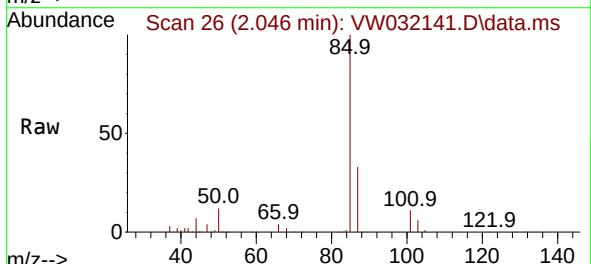
Instrument :
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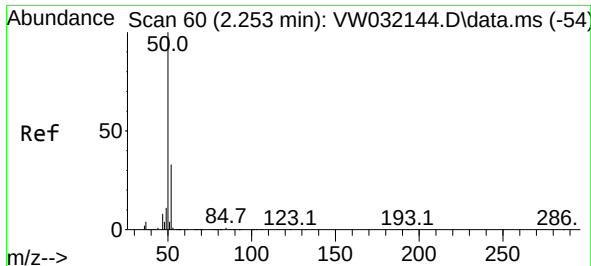
Tgt Ion:168 Resp: 214311
Ion Ratio Lower Upper
168 100
99 67.9 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 92.569 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 85 Resp: 130979
Ion Ratio Lower Upper
85 100
87 33.0 17.2 51.6

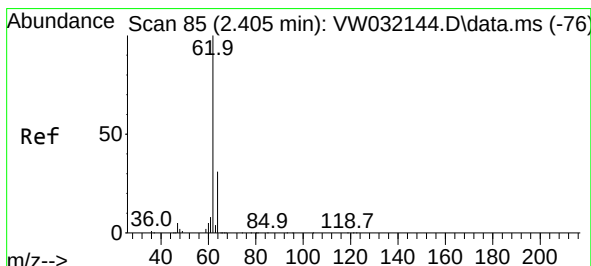
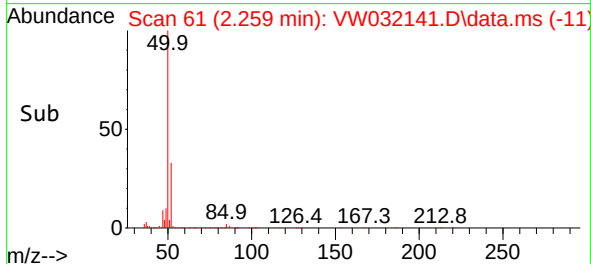
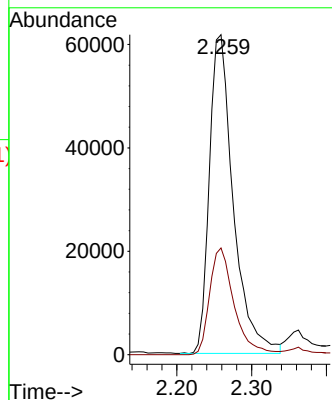
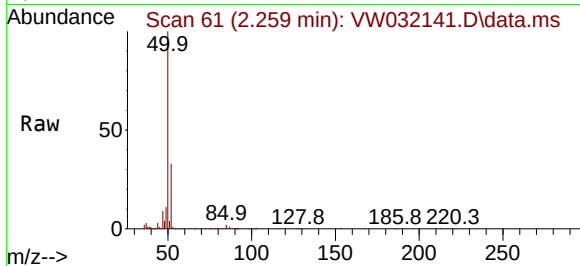




#3
Chloromethane
Concen: 92.554 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

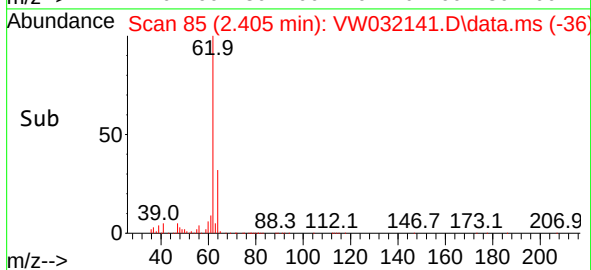
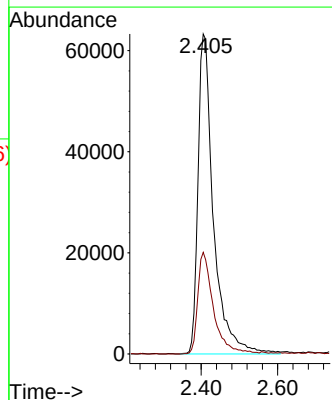
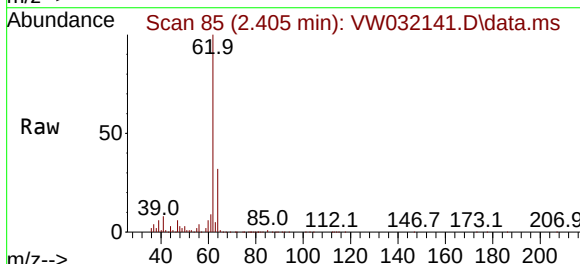
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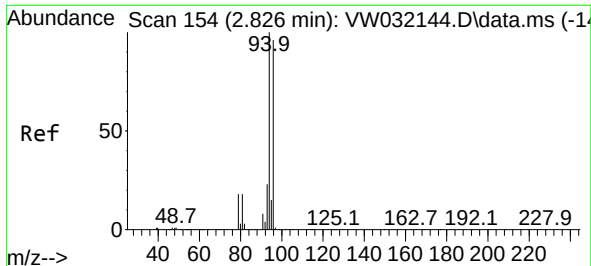
Tgt Ion: 50 Resp: 137307
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 91.991 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 62 Resp: 177256
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2

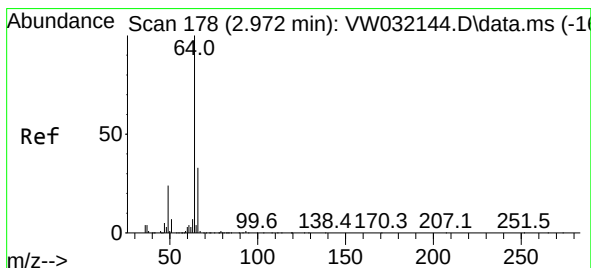
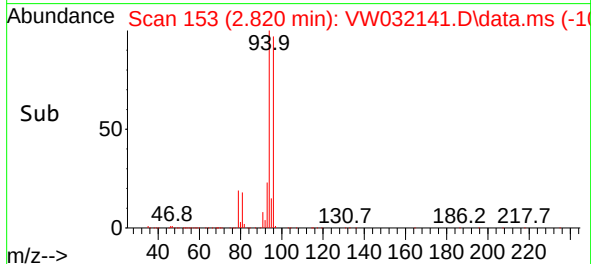
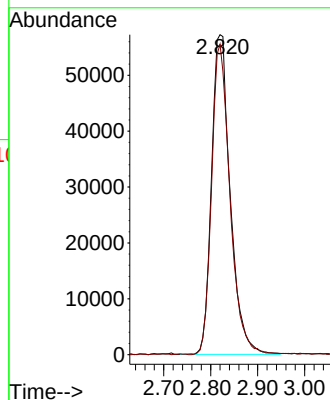
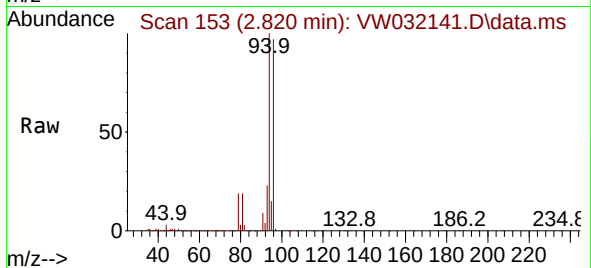




#5
Bromomethane
Concen: 91.928 ug/l
RT: 2.820 min Scan# 153
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

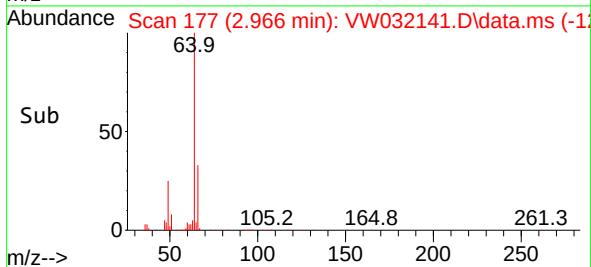
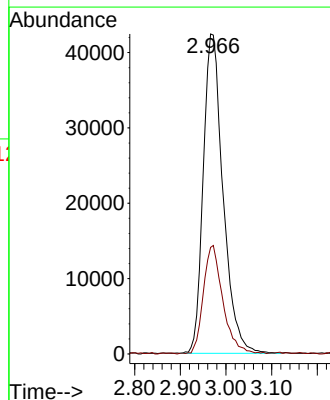
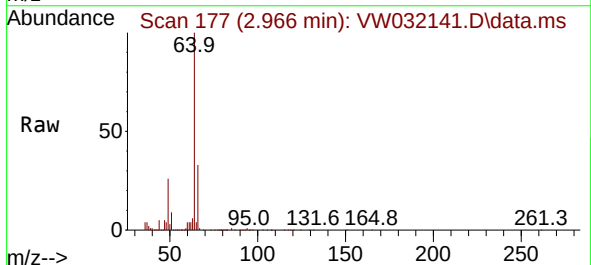
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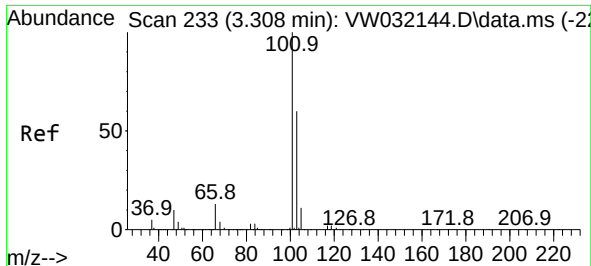
Tgt Ion: 94 Resp: 158181
Ion Ratio Lower Upper
94 100
96 96.9 76.6 115.0



#6
Chloroethane
Concen: 94.095 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 64 Resp: 127686
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4

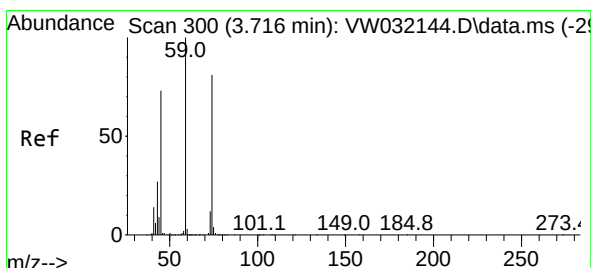
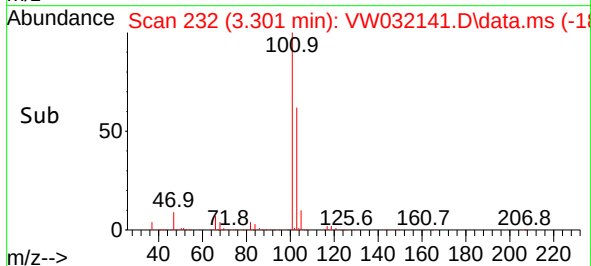
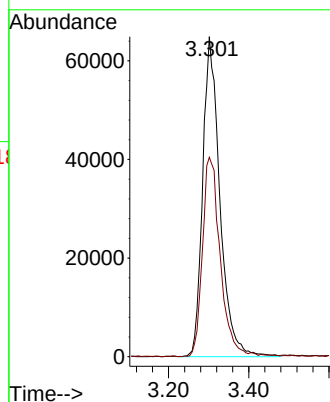
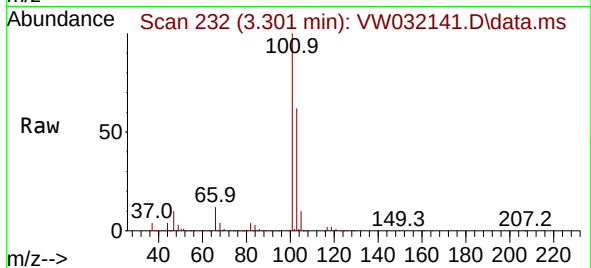




#7
 Trichlorofluoromethane
 Concen: 101.172 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032141.D
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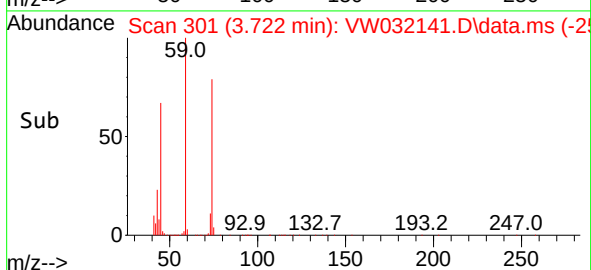
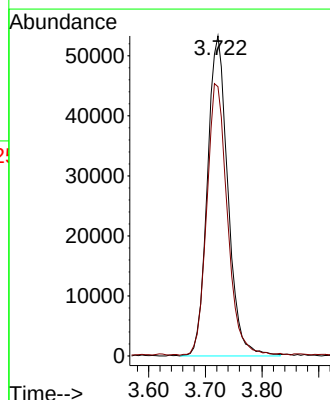
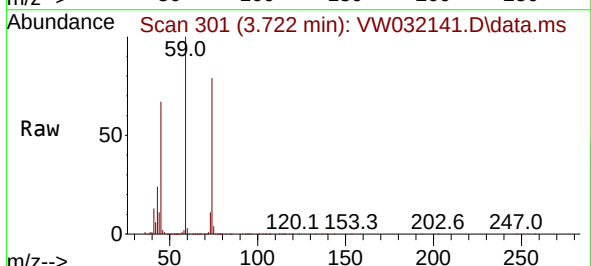
Instrument :
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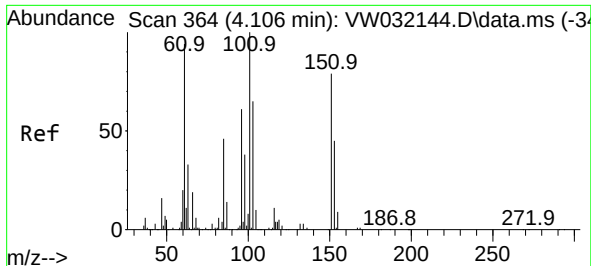
Tgt Ion:101 Resp: 193157
 Ion Ratio Lower Upper
 101 100
 103 62.2 47.8 71.8



#8
 Diethyl Ether
 Concen: 94.079 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

Tgt Ion: 74 Resp: 134040
 Ion Ratio Lower Upper
 74 100
 45 85.3 43.1 129.4

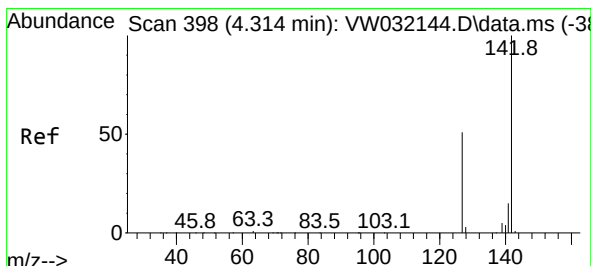
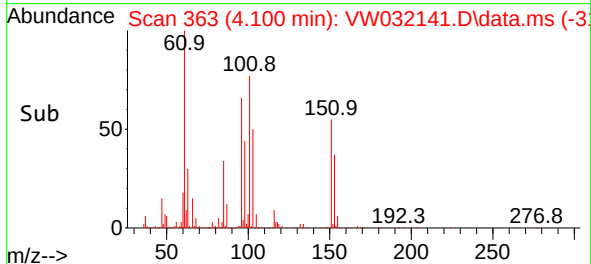
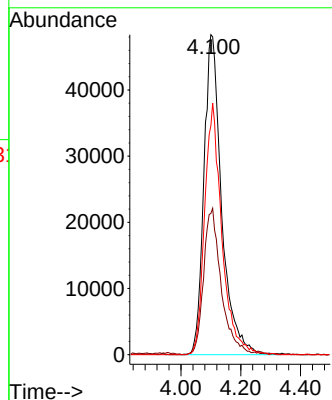
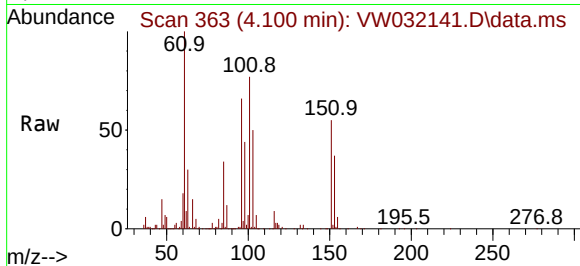




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.726 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

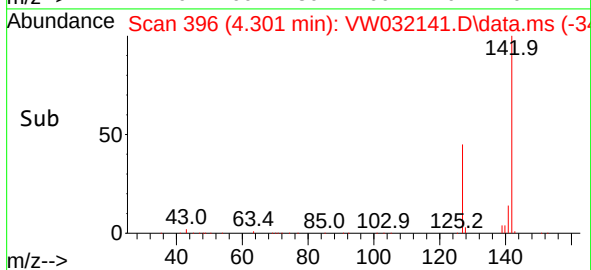
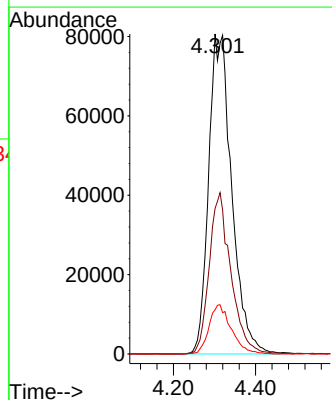
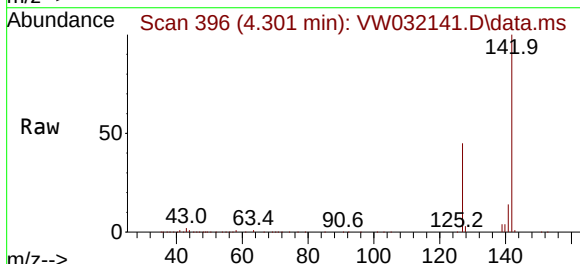
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

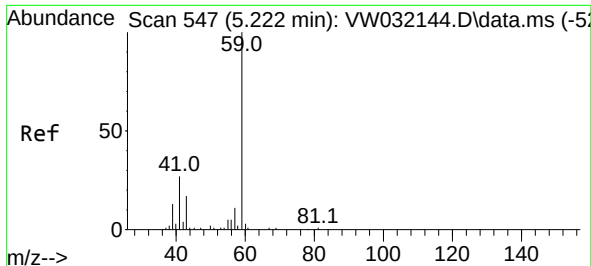
Tgt Ion:101 Resp: 199429
Ion Ratio Lower Upper
101 100
85 45.4 37.1 55.7
151 76.3 61.5 92.3



#10
Methyl Iodide
Concen: 95.989 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:142 Resp: 314350
Ion Ratio Lower Upper
142 100
127 47.2 38.2 57.2
141 14.8 12.2 18.2

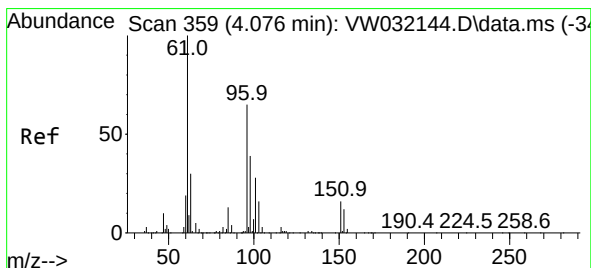
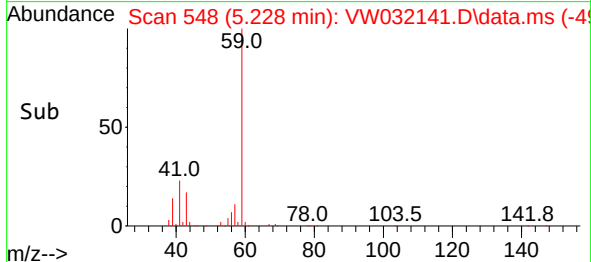
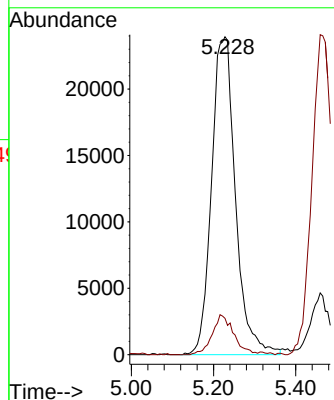
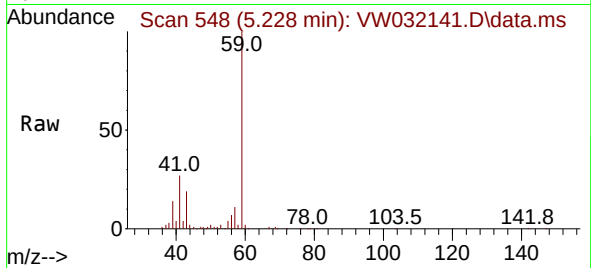




#11
Tert butyl alcohol
Concen: 514.893 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

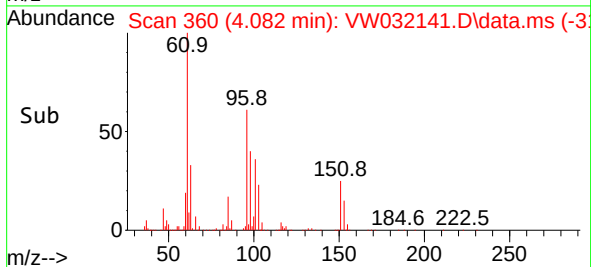
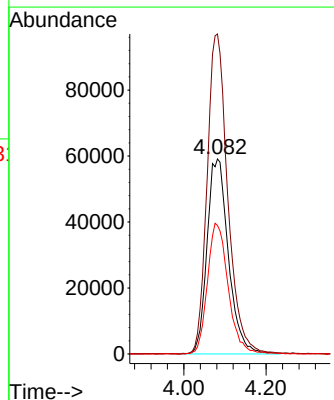
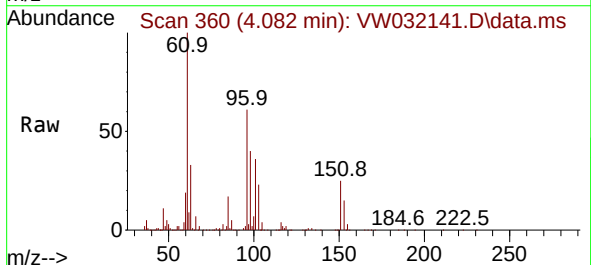
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

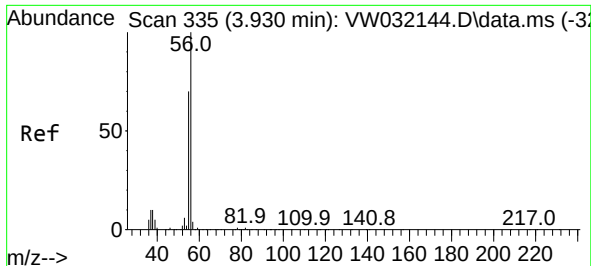
Tgt Ion: 59 Resp: 96529
Ion Ratio Lower Upper
59 100
57 11.3 9.8 14.6



#12
1,1-Dichloroethene
Concen: 94.253 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 96 Resp: 213483
Ion Ratio Lower Upper
96 100
61 164.0 123.0 184.4
98 65.9 48.5 72.7

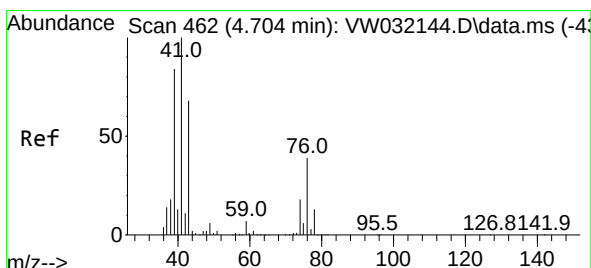
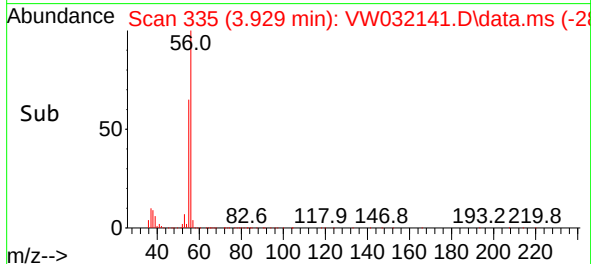
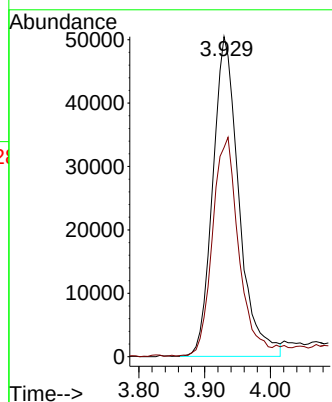
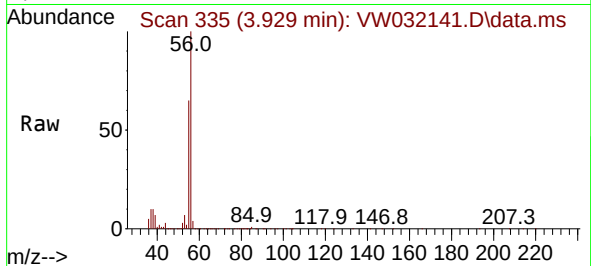




#13
Acrolein
Concen: 483.829 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

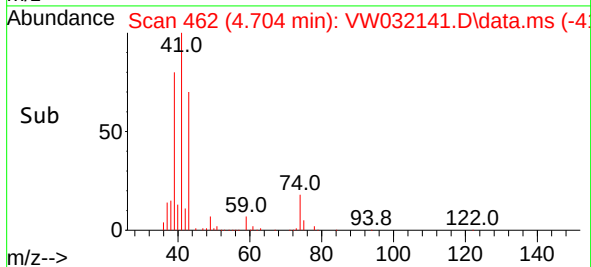
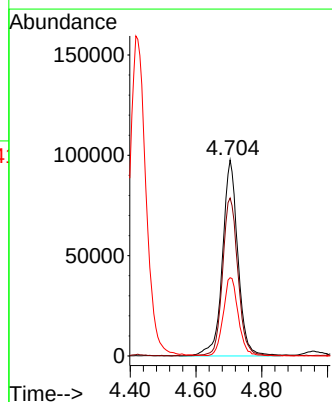
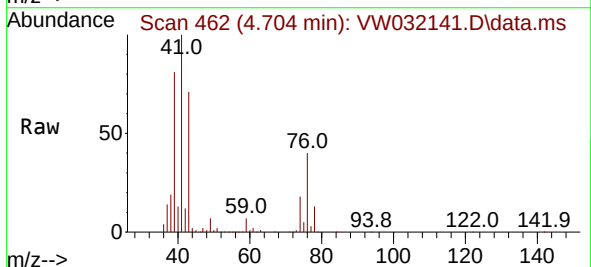
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

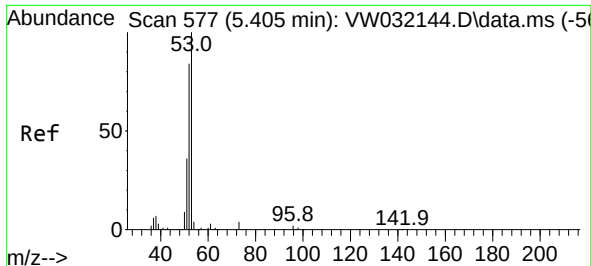
Tgt Ion: 56 Resp: 139429
Ion Ratio Lower Upper
56 100
55 68.9 56.4 84.6



#14
Allyl chloride
Concen: 98.737 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 41 Resp: 317666
Ion Ratio Lower Upper
41 100
39 79.6 64.1 96.1
76 38.7 31.4 47.2

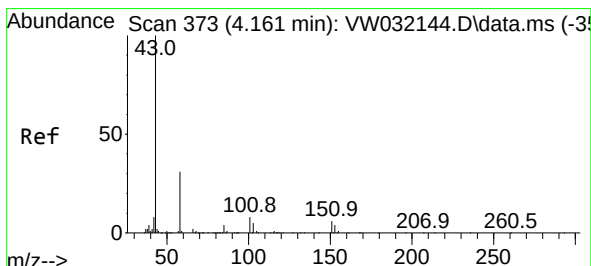
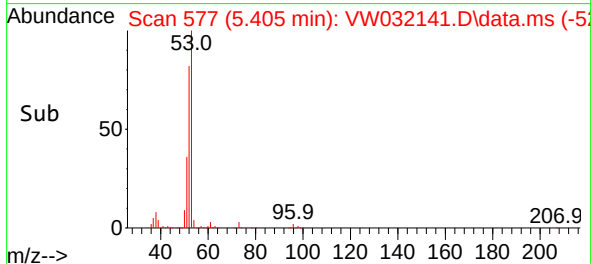
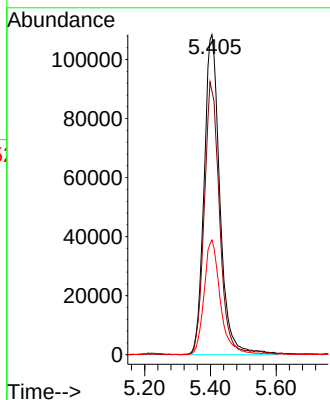
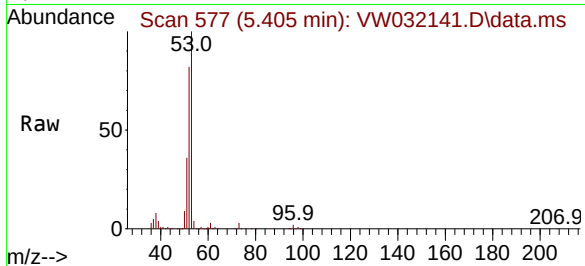




#15
Acrylonitrile
Concen: 522.461 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

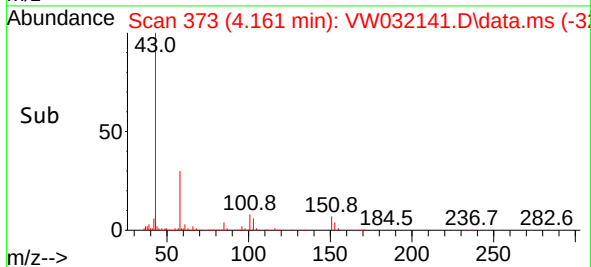
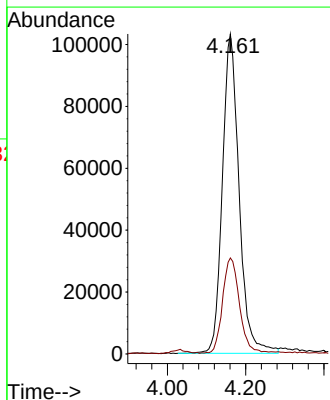
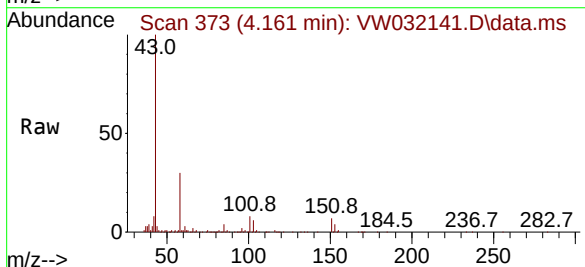
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

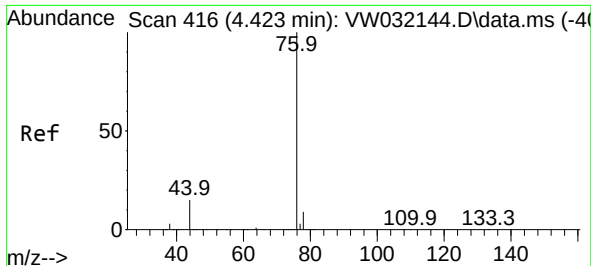
Tgt Ion: 53 Resp: 361906
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.2
51 37.0 30.3 45.5



#16
Acetone
Concen: 462.093 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 306726
Ion Ratio Lower Upper
43 100
58 29.4 25.3 37.9

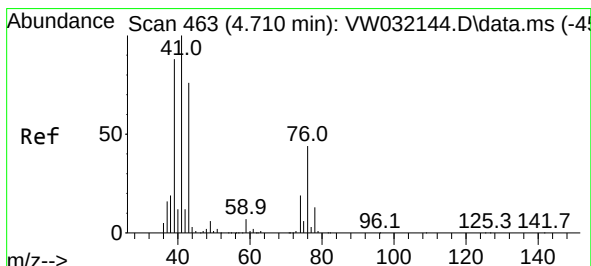
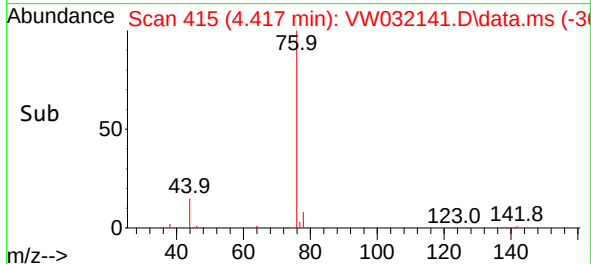
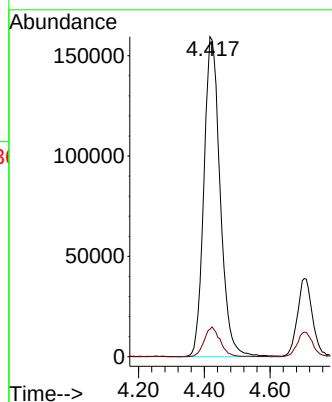
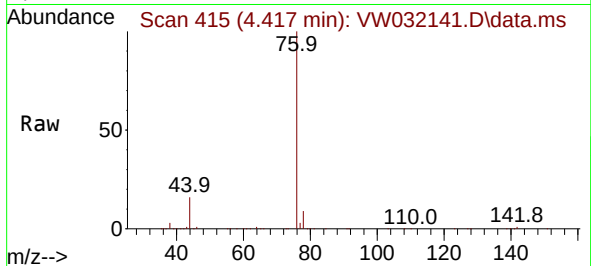




#17
Carbon Disulfide
Concen: 96.771 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

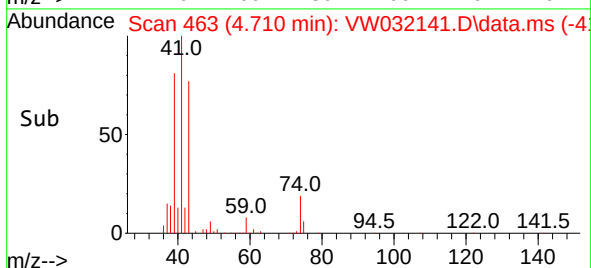
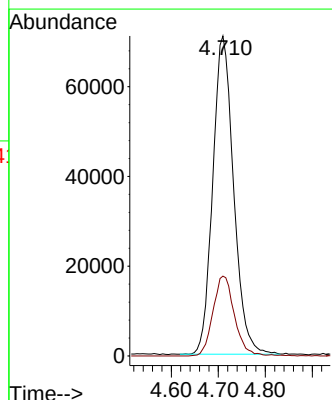
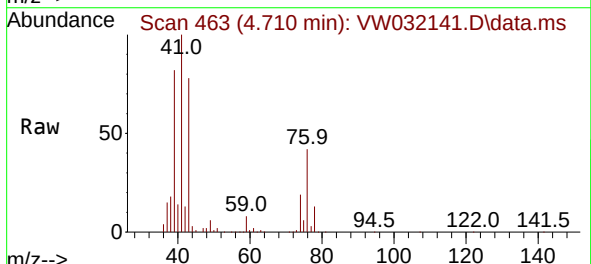
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

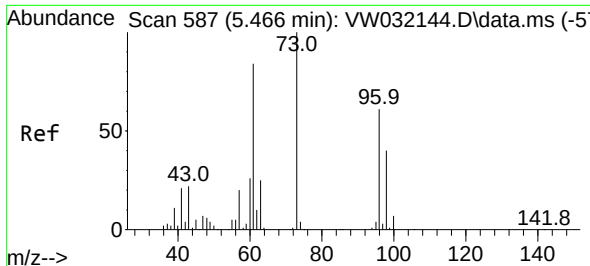
Tgt Ion: 76 Resp: 548211
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 103.419 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 218721
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.4

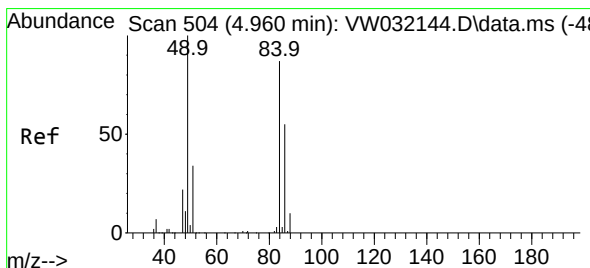
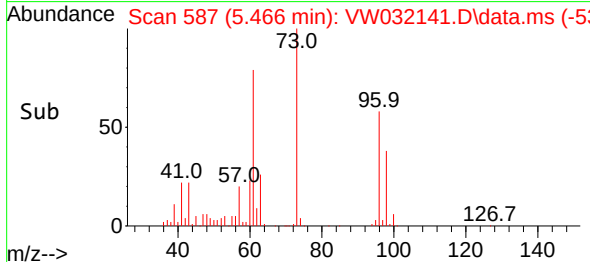
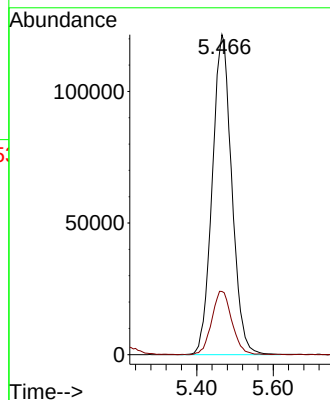
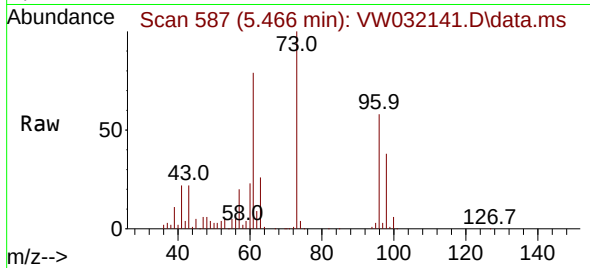




#19
Methyl tert-butyl Ether
Concen: 100.671 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

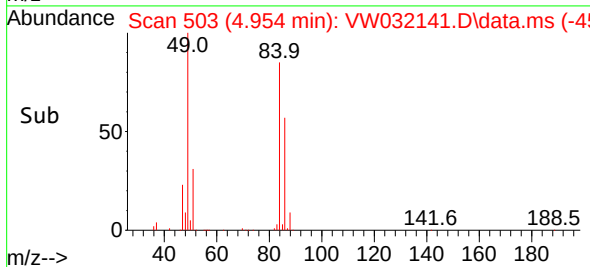
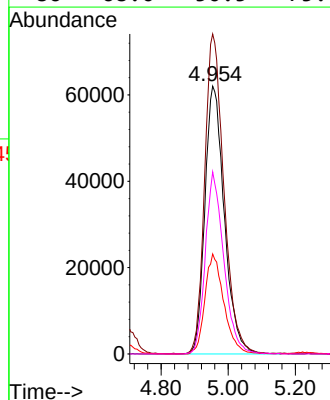
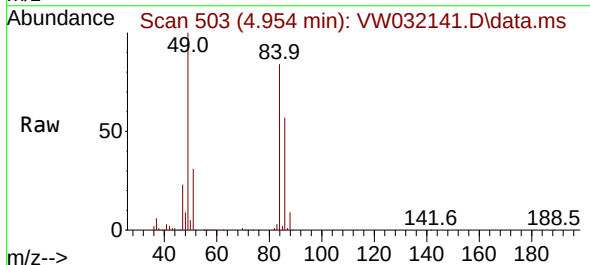
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

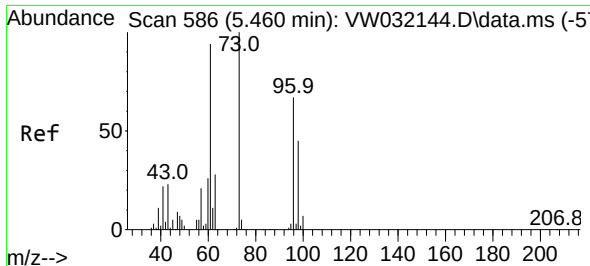
Tgt Ion: 73 Resp: 430581
Ion Ratio Lower Upper
73 100
57 19.7 16.2 24.4



#20
Methylene Chloride
Concen: 99.223 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 84 Resp: 249401
Ion Ratio Lower Upper
84 100
49 119.2 92.2 138.4
51 37.3 31.0 46.6
86 68.0 50.5 75.7

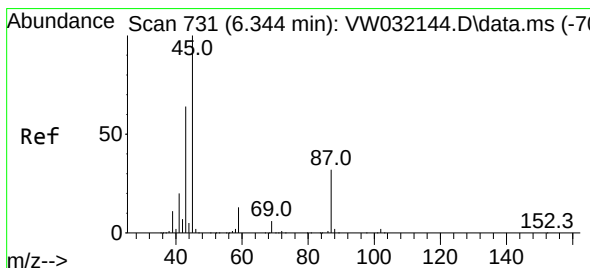
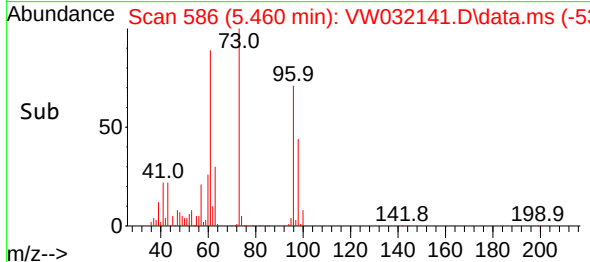
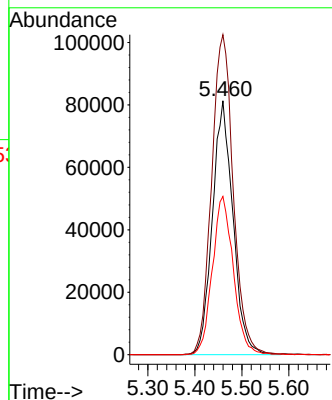
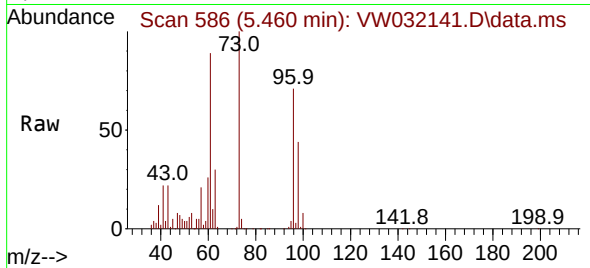




#21
trans-1,2-Dichloroethene
Concen: 97.635 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

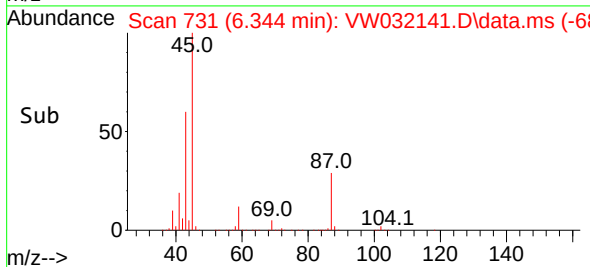
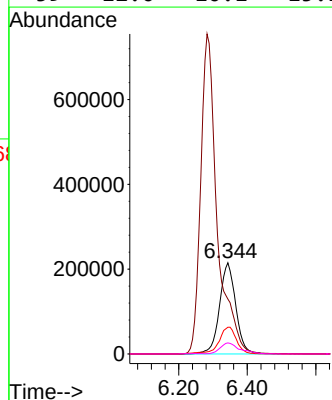
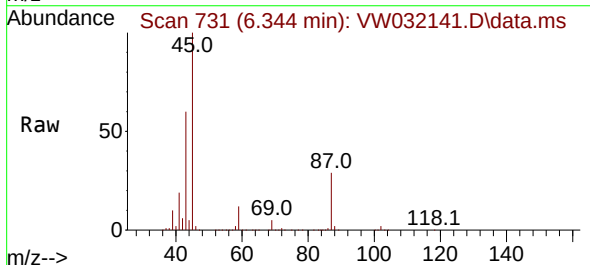
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

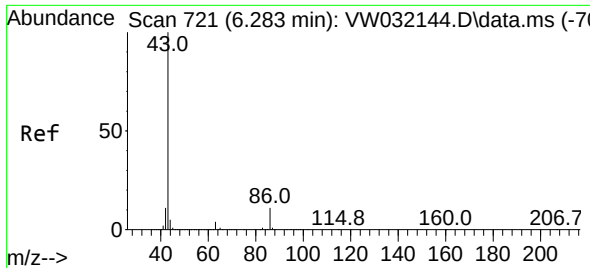
Tgt Ion: 96 Resp: 247042
Ion Ratio Lower Upper
96 100
61 126.0 112.5 168.7
98 62.3 54.2 81.4



#22
Diisopropyl ether
Concen: 100.461 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 45 Resp: 703459
Ion Ratio Lower Upper
45 100
43 60.1 51.4 77.2
87 29.2 25.9 38.9
59 12.0 10.1 15.1

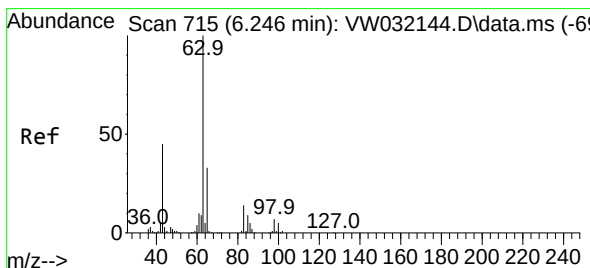
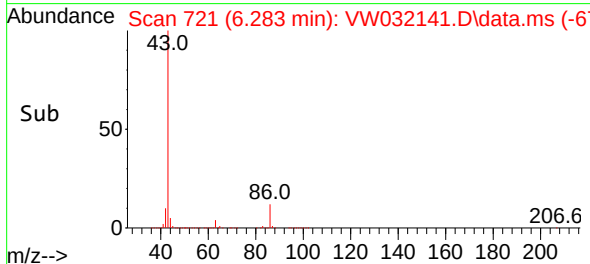
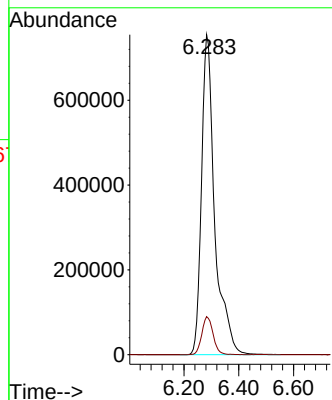
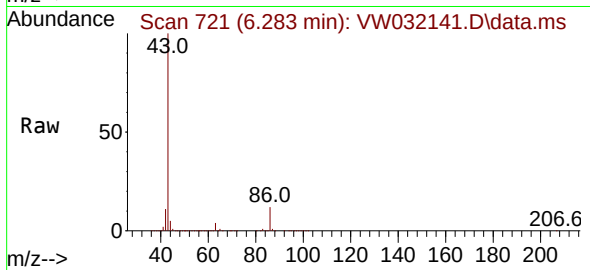




#23
 Vinyl Acetate
 Concen: 530.152 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

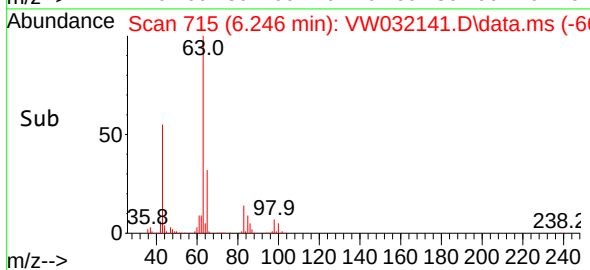
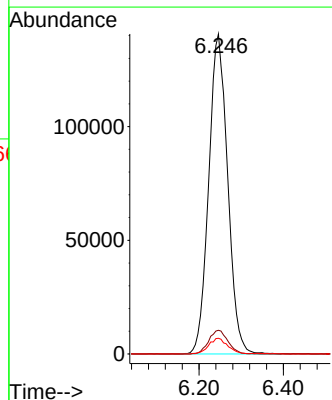
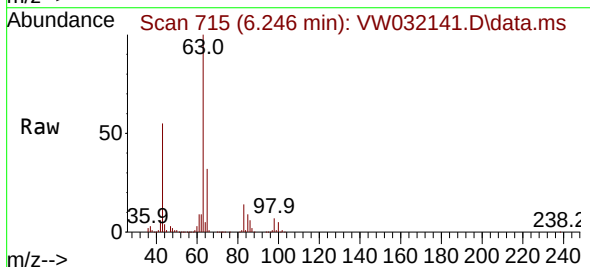
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

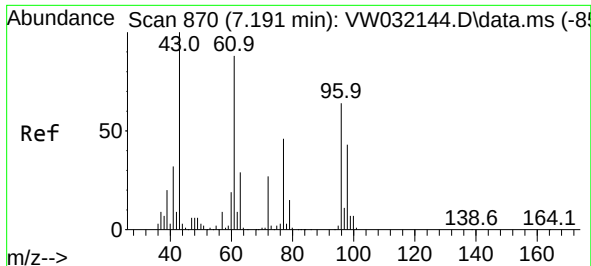
Tgt Ion: 43 Resp: 2523955
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 95.888 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

Tgt Ion: 63 Resp: 439569
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.9 2.5 7.5

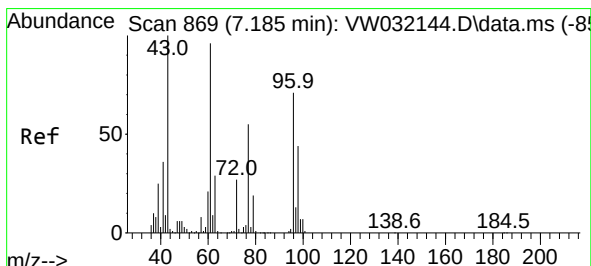
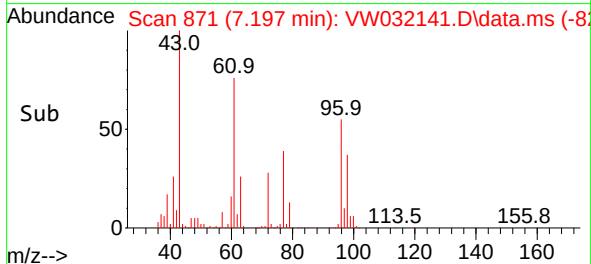
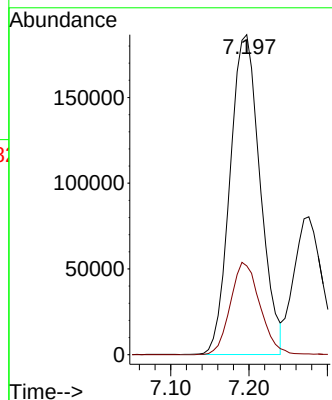
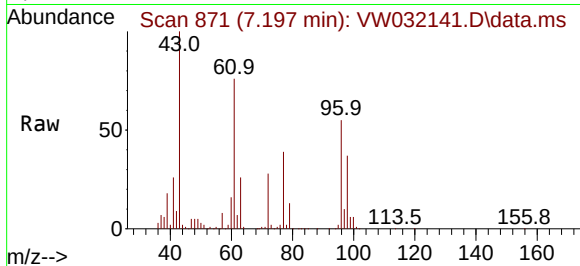




#25
2-Butanone
Concen: 529.422 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

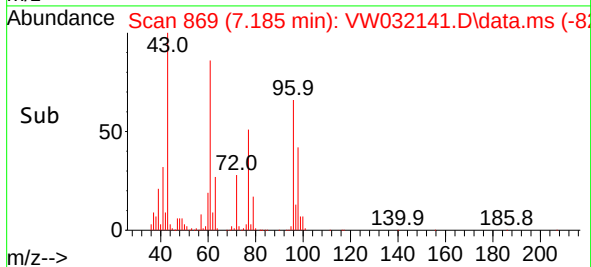
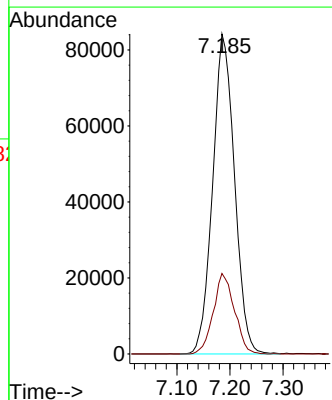
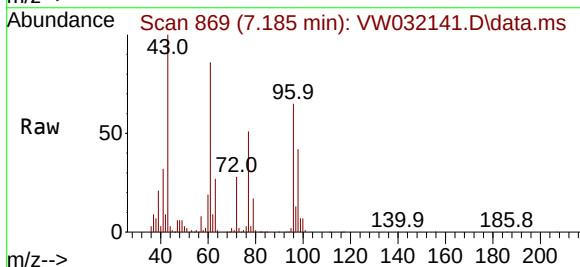
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

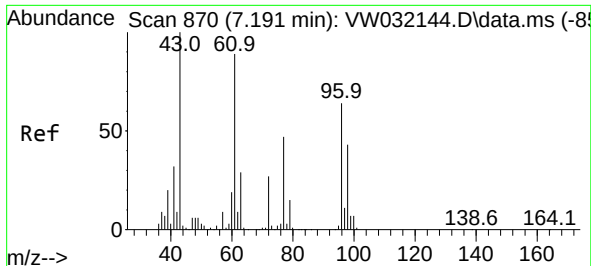
Tgt Ion: 43 Resp: 497969
Ion Ratio Lower Upper
43 100
72 27.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 99.327 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 77 Resp: 241129
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 98.117 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

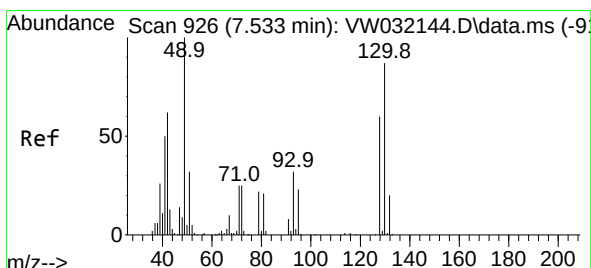
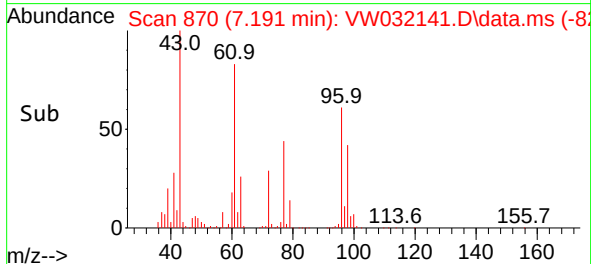
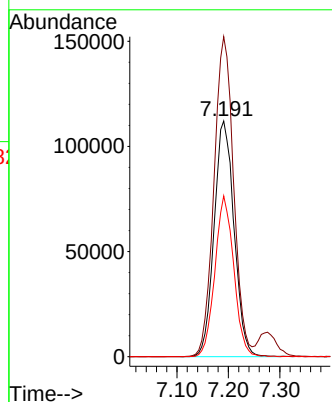
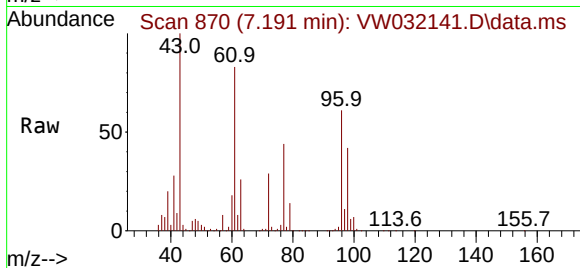
Tgt Ion: 96 Resp: 302098

Ion Ratio Lower Upper

96 100

61 133.8 0.0 268.0

98 64.5 0.0 130.8



#28

Bromochloromethane

Concen: 97.052 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

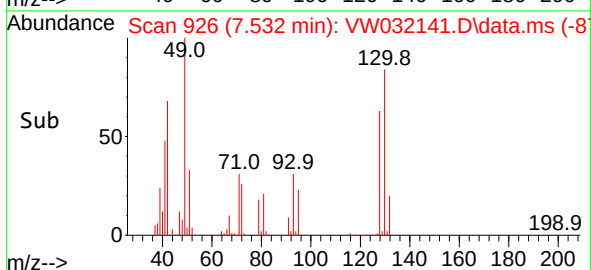
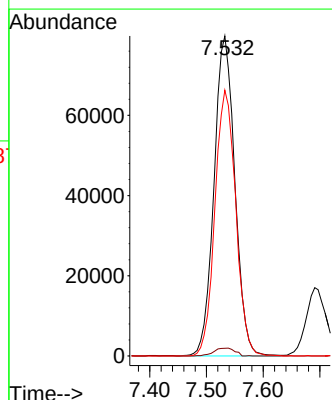
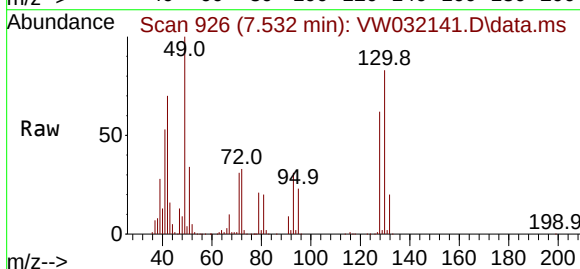
Tgt Ion: 49 Resp: 203663

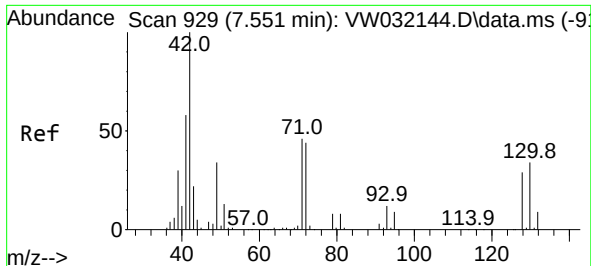
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 83.2 67.5 101.3

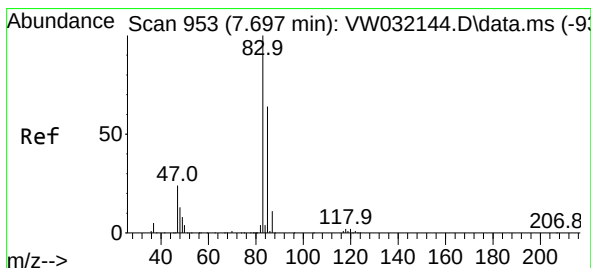
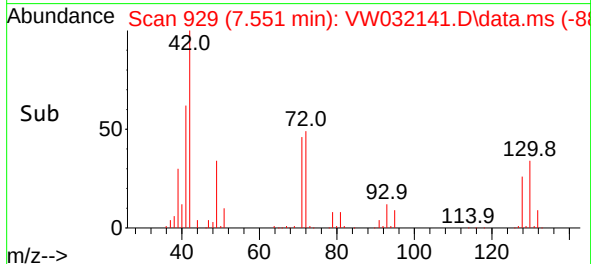
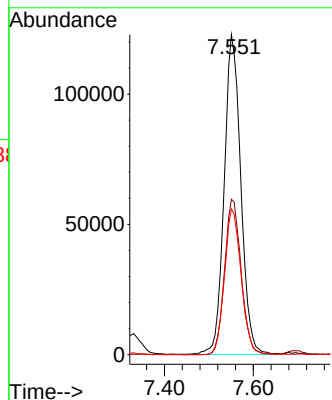
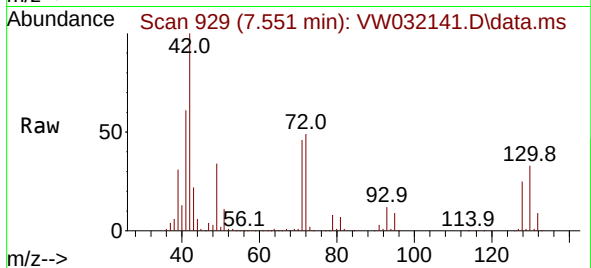




#29
Tetrahydrofuran
Concen: 533.016 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

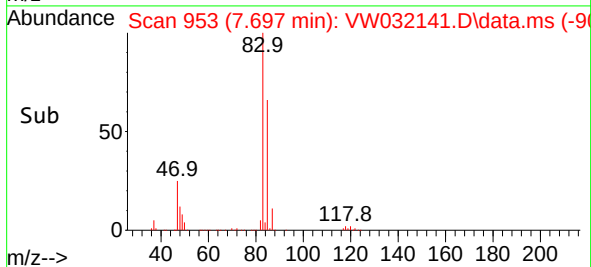
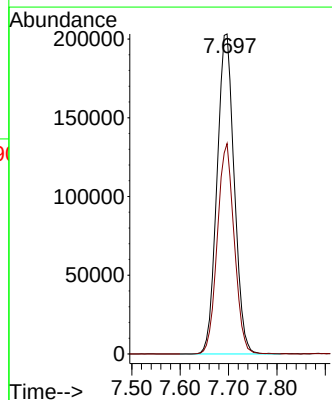
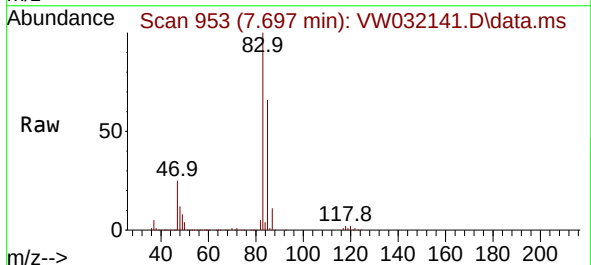
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

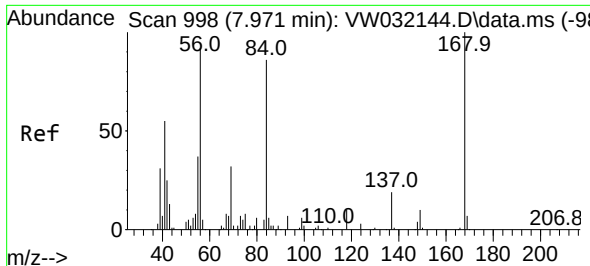
Tgt Ion: 42 Resp: 318589
Ion Ratio Lower Upper
42 100
72 48.4 37.4 56.2
71 45.4 36.0 54.0



#30
Chloroform
Concen: 96.112 ug/l
RT: 7.697 min Scan# 953
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 83 Resp: 503040
Ion Ratio Lower Upper
83 100
85 65.7 51.2 76.8

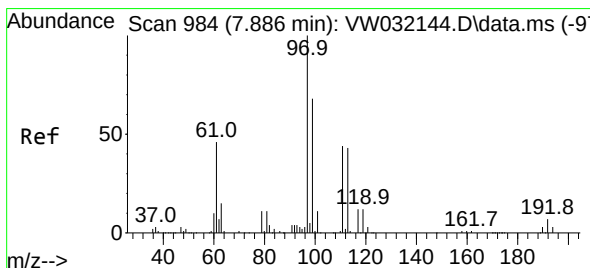
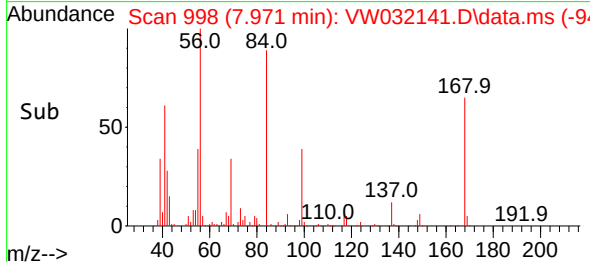
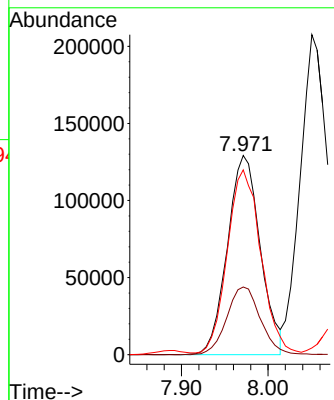
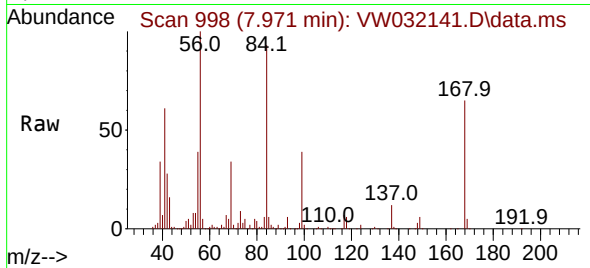




#31
Cyclohexane
Concen: 90.646 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

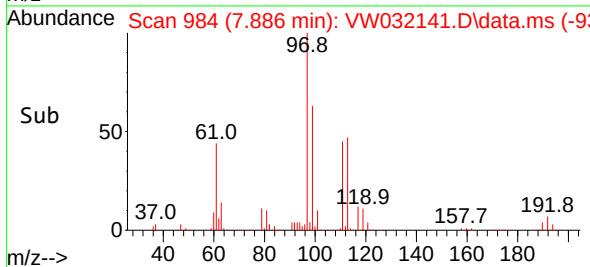
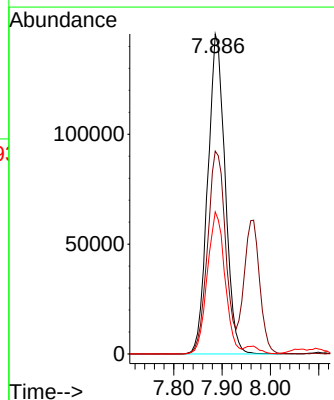
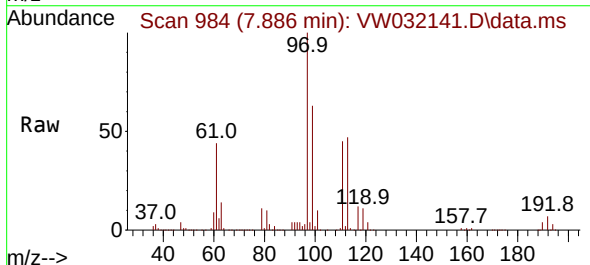
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

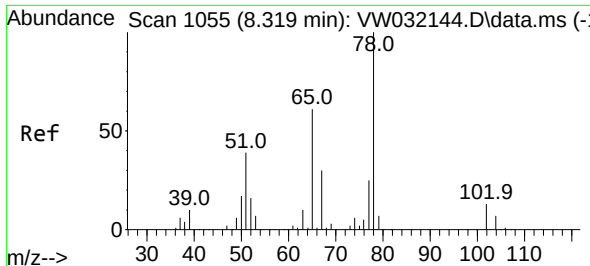
Tgt Ion: 56 Resp: 341064
Ion Ratio Lower Upper
56 100
69 34.0 27.7 41.5
84 91.2 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 95.007 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 97 Resp: 362994
Ion Ratio Lower Upper
97 100
99 65.8 50.9 76.3
61 45.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 96.455 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

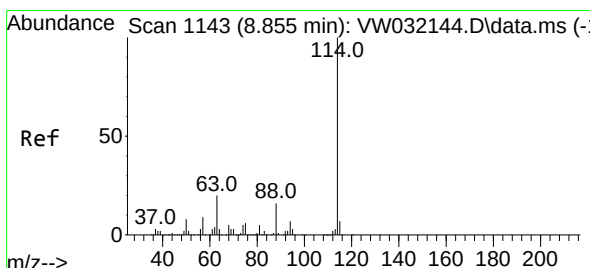
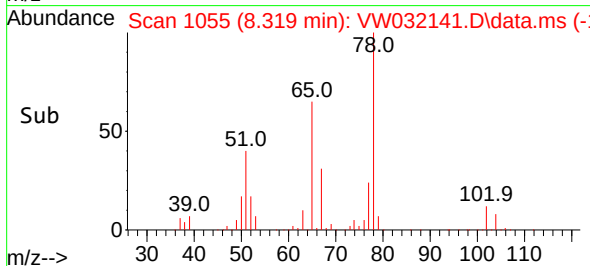
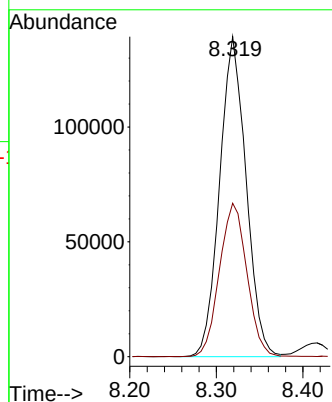
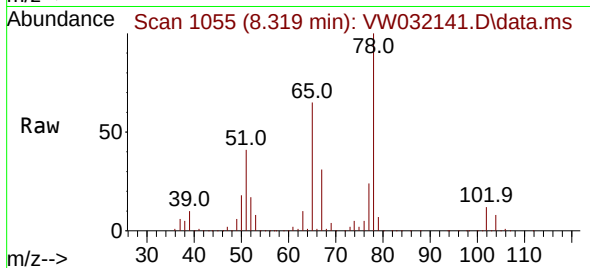
VSTDIC100

Tgt Ion: 65 Resp: 295629

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

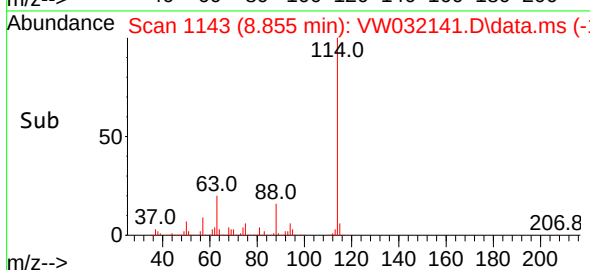
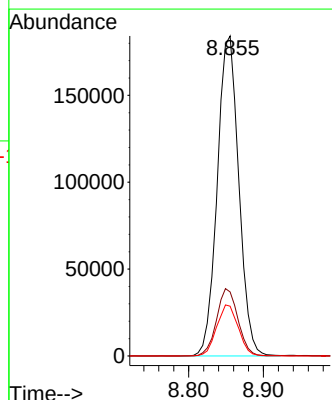
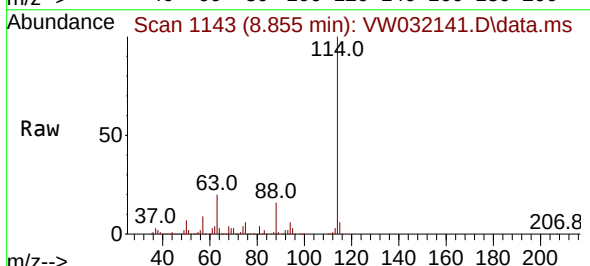
Tgt Ion: 114 Resp: 368598

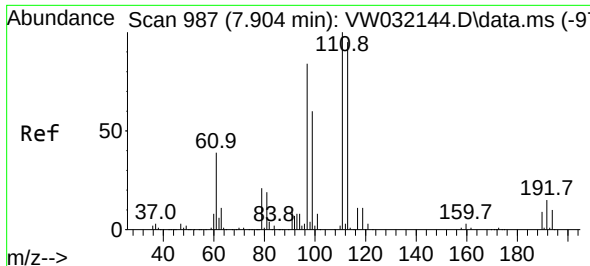
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.4

88 15.6 0.0 32.0

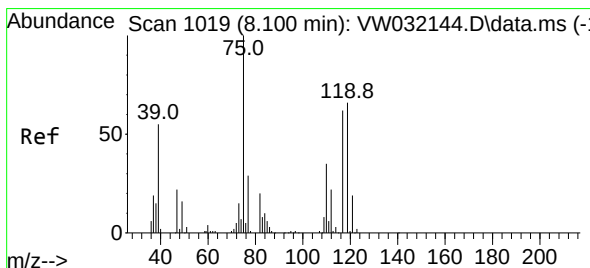
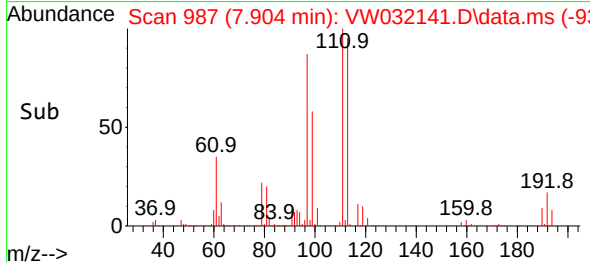
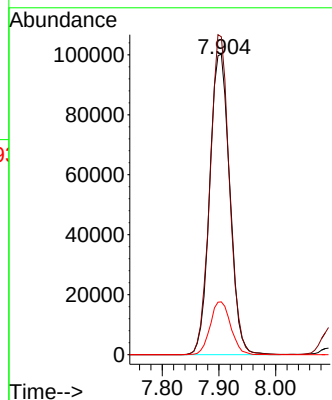
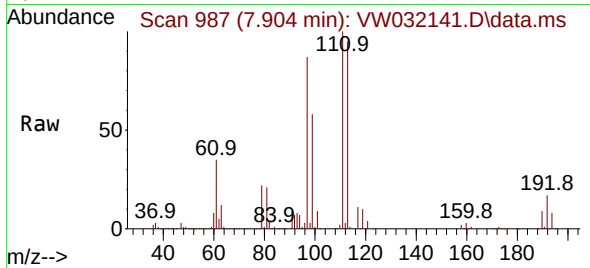




#35
 Dibromofluoromethane
 Concen: 95.431 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

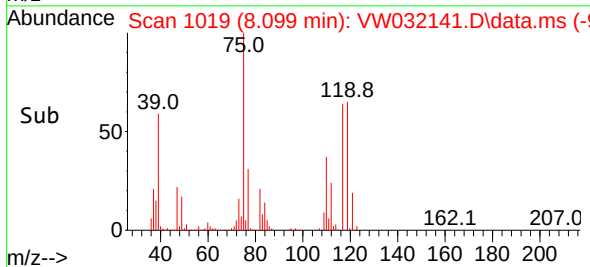
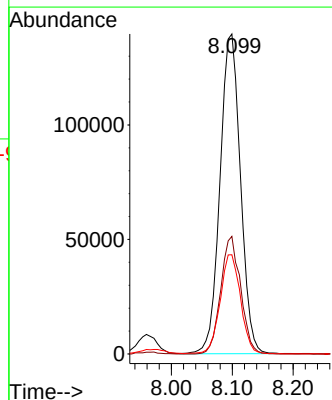
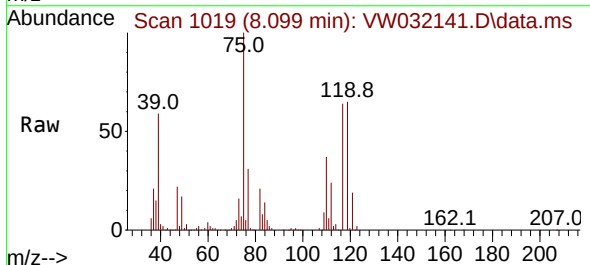
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

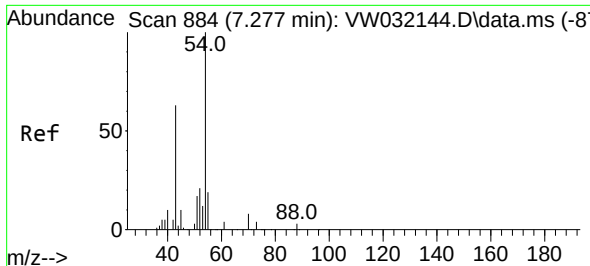
Tgt Ion:113 Resp: 246791
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.9 125.9
 192 17.9 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 97.392 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 326557
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.5 52.5
 77 30.9 24.1 36.1





#37

Ethyl Acetate

Concen: 104.099 ug/l

RT: 7.276 min Scan# 884

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

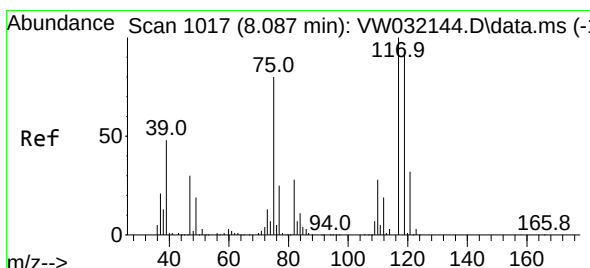
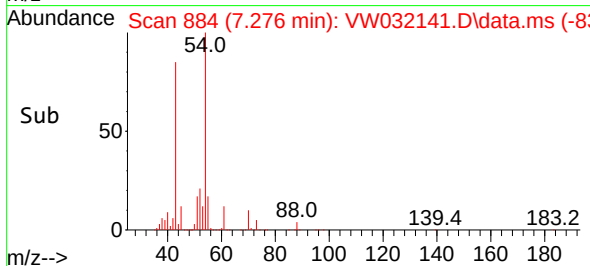
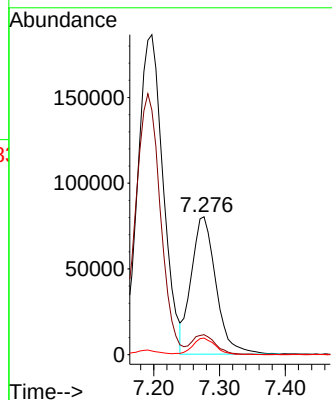
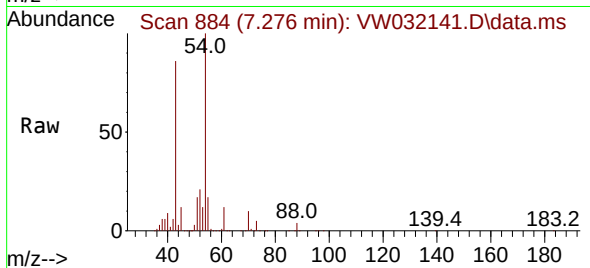
Tgt Ion: 43 Resp: 209389

Ion Ratio Lower Upper

43 100

61 14.0 11.3 16.9

70 11.4 8.9 13.3



#38

Carbon Tetrachloride

Concen: 97.846 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

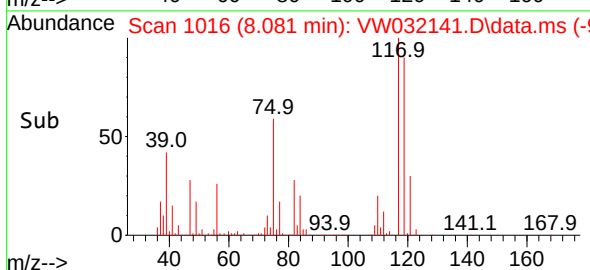
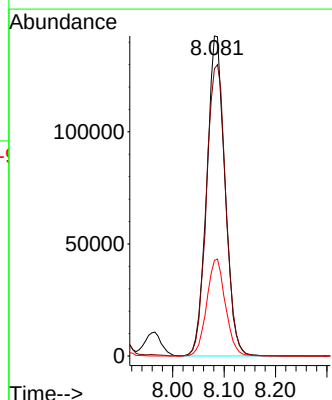
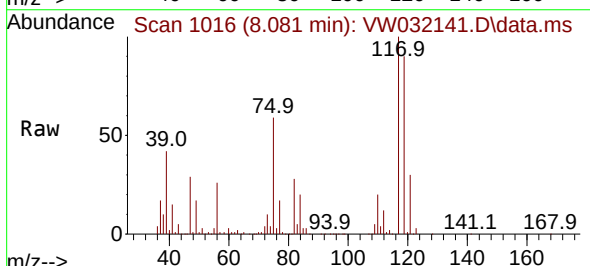
Tgt Ion: 117 Resp: 351706

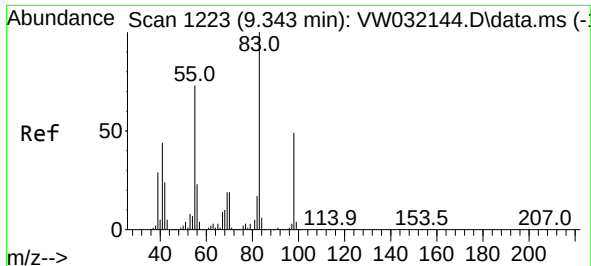
Ion Ratio Lower Upper

117 100

119 89.8 74.2 111.2

121 29.9 25.6 38.4





#39

Methylcyclohexane

Concen: 102.003 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

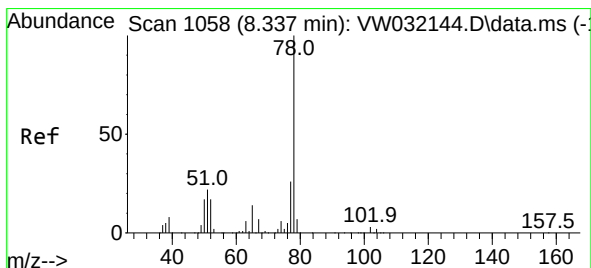
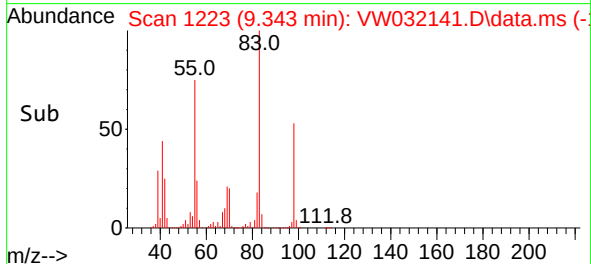
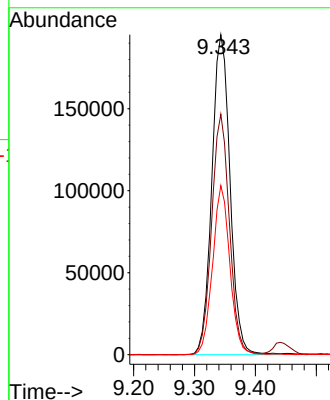
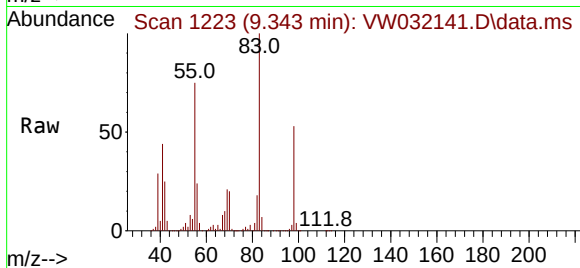
Tgt Ion: 83 Resp: 405102

Ion Ratio Lower Upper

83 100

55 75.1 58.4 87.6

98 52.8 39.4 59.2



#40

Benzene

Concen: 96.909 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032141.D

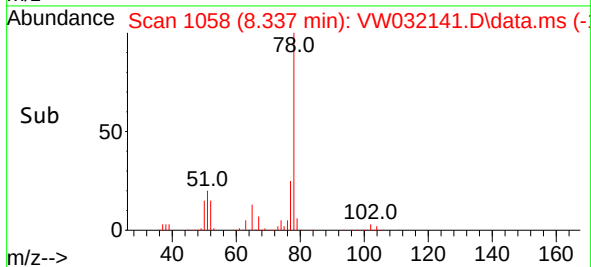
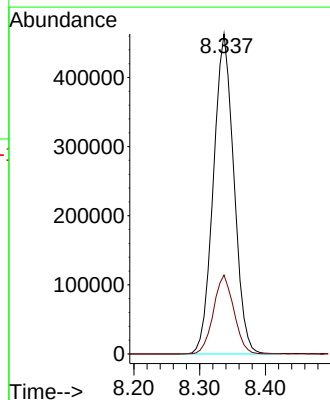
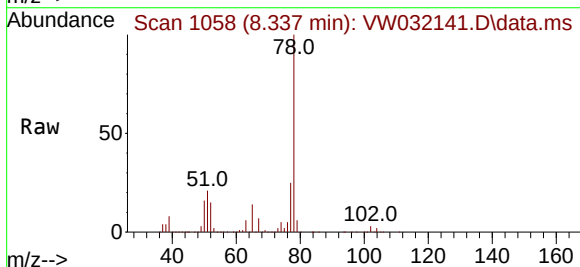
Acq: 26 Aug 2025 11:29

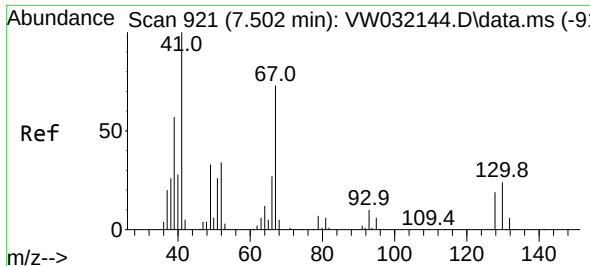
Tgt Ion: 78 Resp: 1004428

Ion Ratio Lower Upper

78 100

77 24.6 20.7 31.1



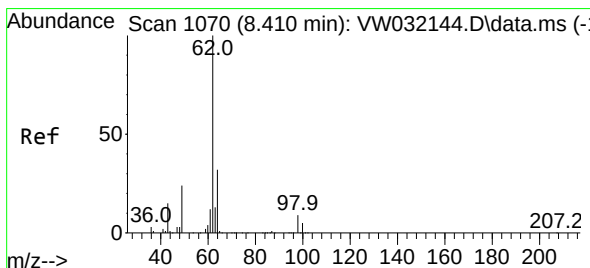
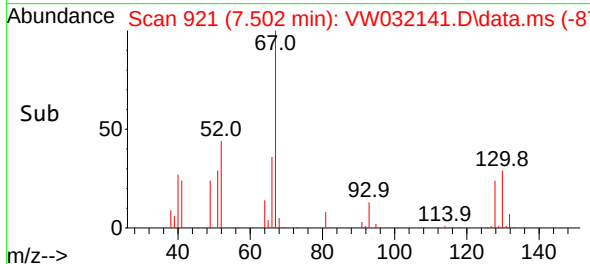
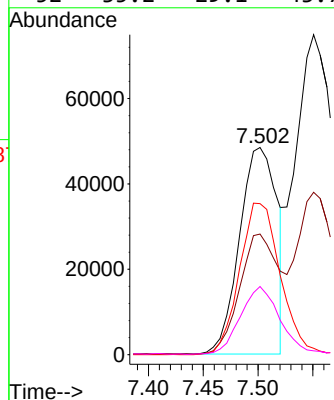
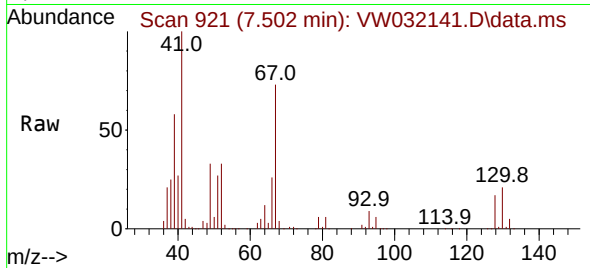


#41
Methacrylonitrile
Concen: 102.923 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 115019

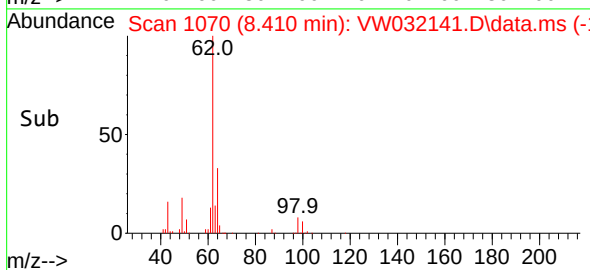
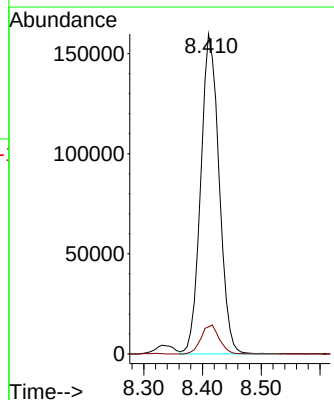
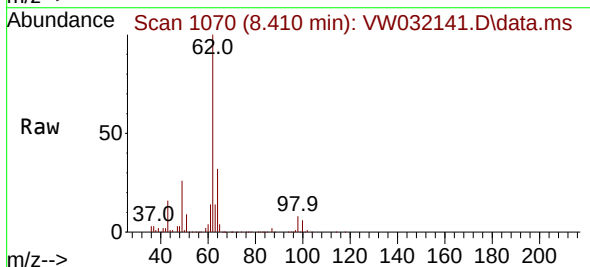
Ion	Ratio	Lower	Upper
41	100		
39	63.1	50.9	76.3
67	80.5	65.6	98.4
52	35.2	29.1	43.7

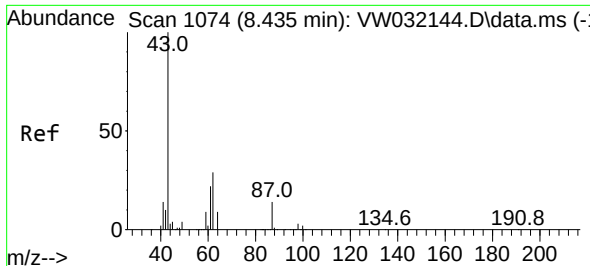


#42
1,2-Dichloroethane
Concen: 96.602 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 62 Resp: 347098

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

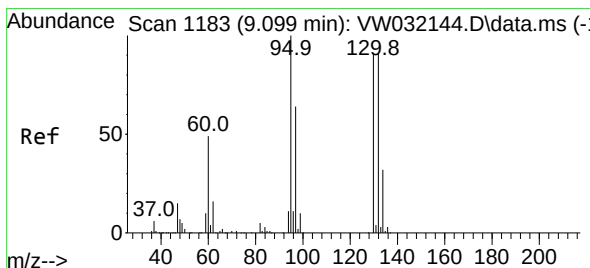
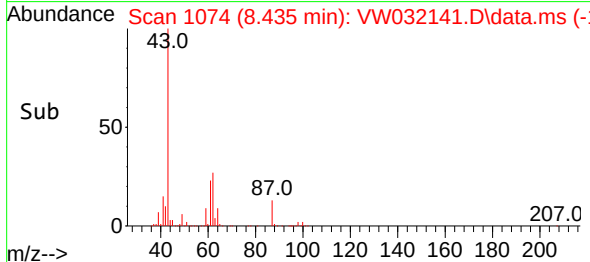
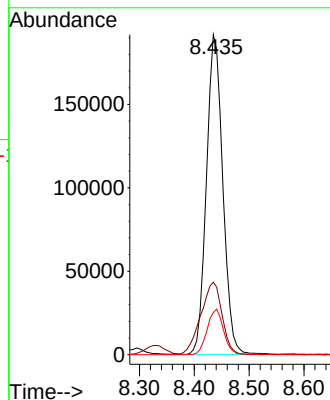
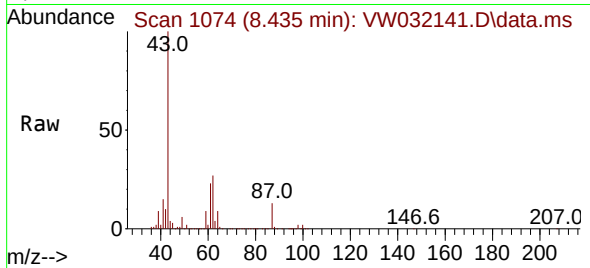




#43
Isopropyl Acetate
Concen: 105.105 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

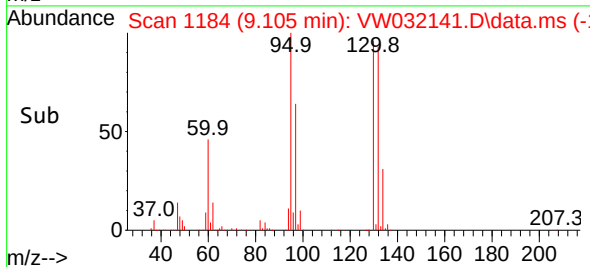
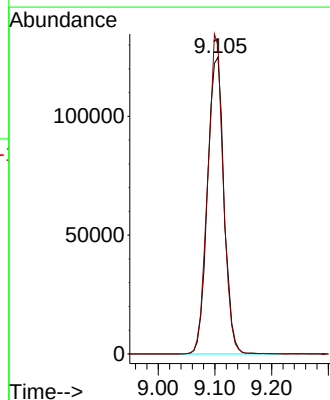
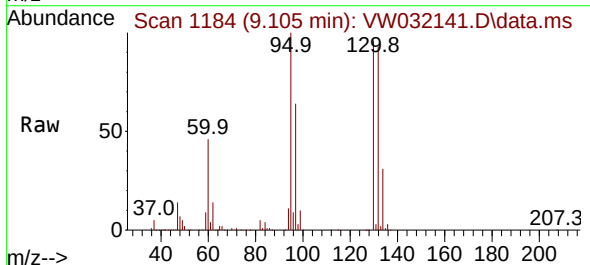
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

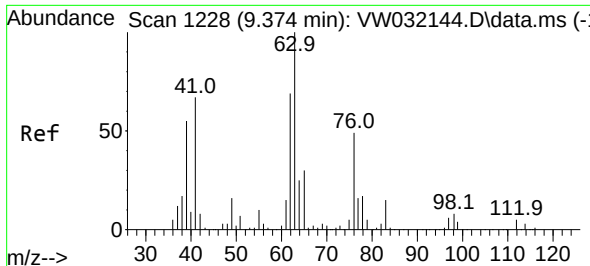
Tgt Ion: 43 Resp: 396615
Ion Ratio Lower Upper
43 100
61 29.2 23.3 34.9
87 14.2 11.1 16.7



#44
Trichloroethene
Concen: 97.081 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:130 Resp: 253041
Ion Ratio Lower Upper
130 100
95 103.8 0.0 220.0

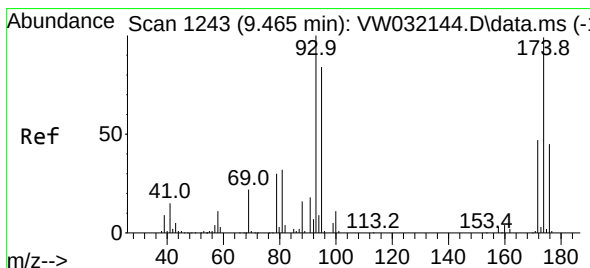
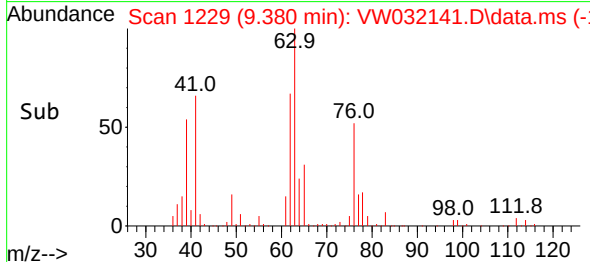
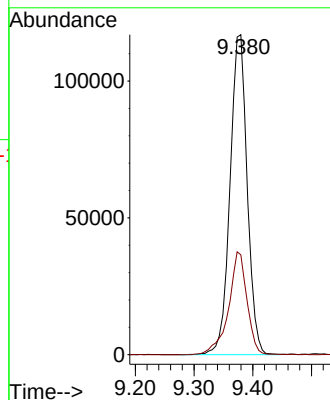
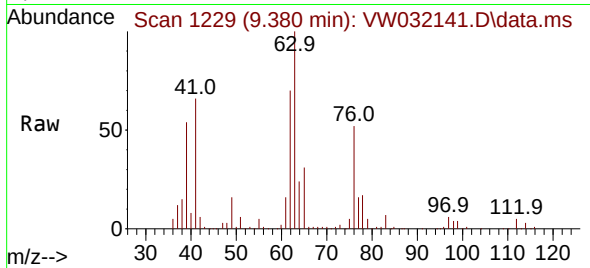




#45
1,2-Dichloropropane
Concen: 95.155 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

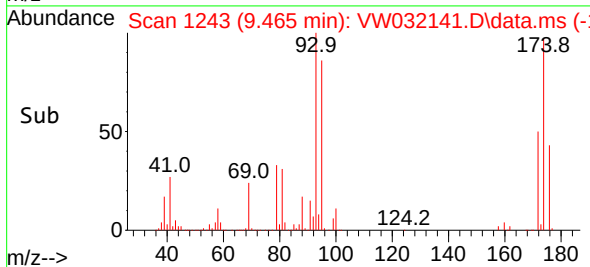
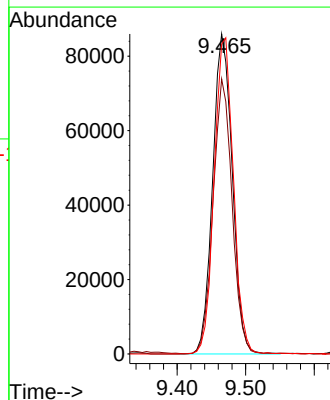
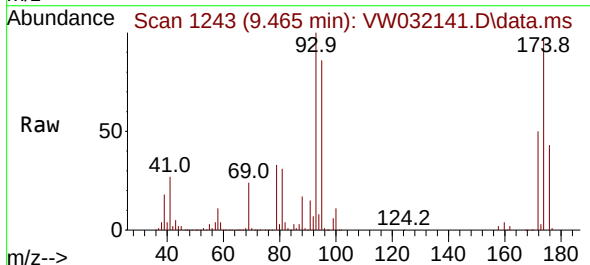
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

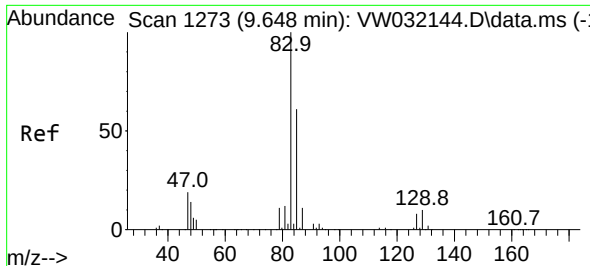
Tgt Ion: 63 Resp: 237748
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5



#46
Dibromomethane
Concen: 97.506 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 93 Resp: 170875
Ion Ratio Lower Upper
93 100
95 83.1 67.4 101.2
174 96.8 75.7 113.5

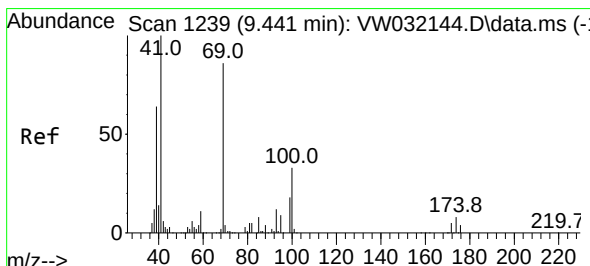
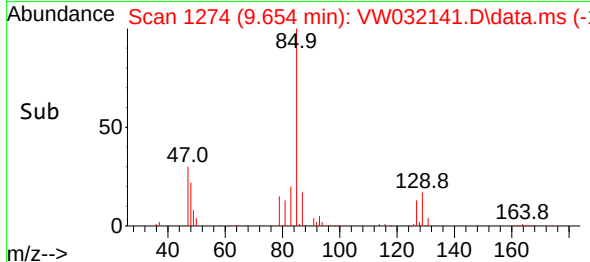
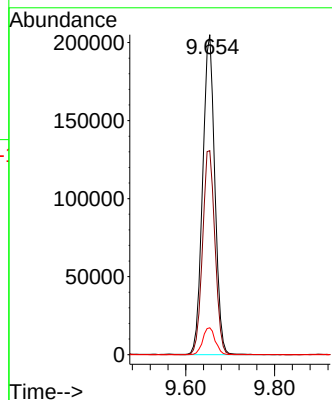
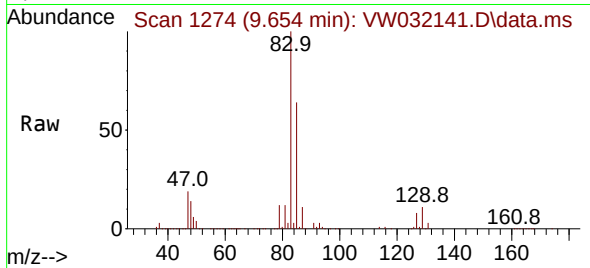




#47
Bromodichloromethane
Concen: 98.293 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

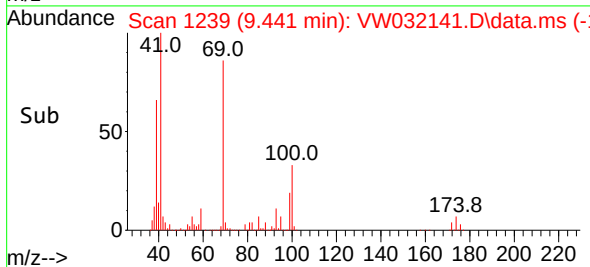
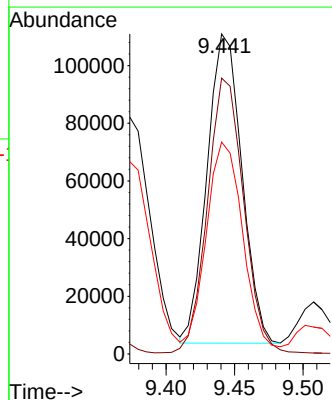
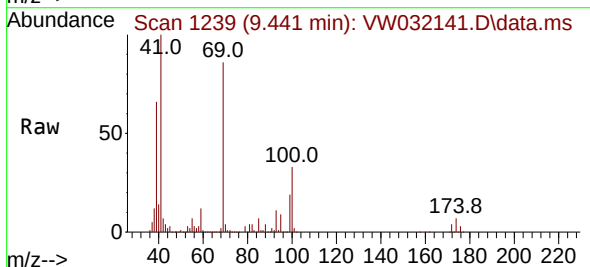
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

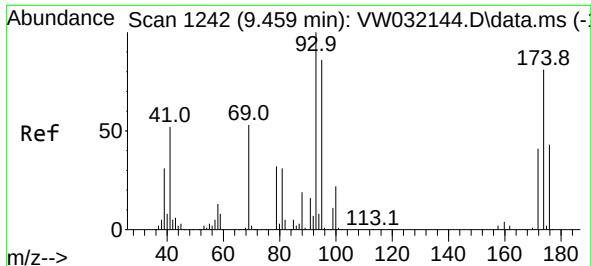
Tgt Ion: 83 Resp: 391443
Ion Ratio Lower Upper
83 100
85 63.8 48.7 73.1
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 108.864 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 41 Resp: 189315
Ion Ratio Lower Upper
41 100
69 93.3 71.5 107.3
39 73.0 55.9 83.9





#49

1,4-Dioxane

Concen: 2121.836 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

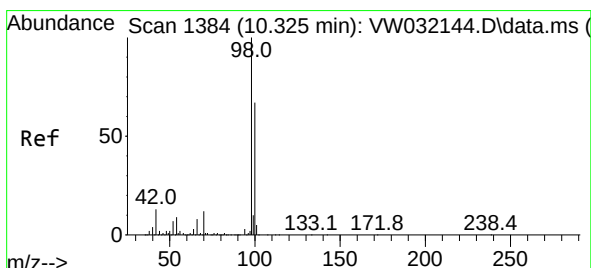
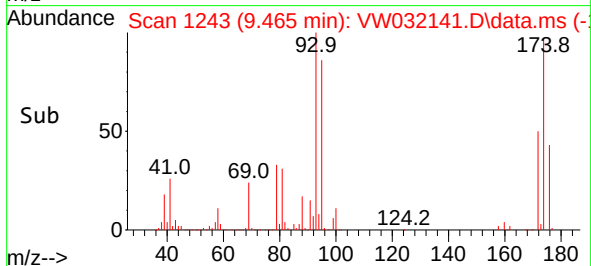
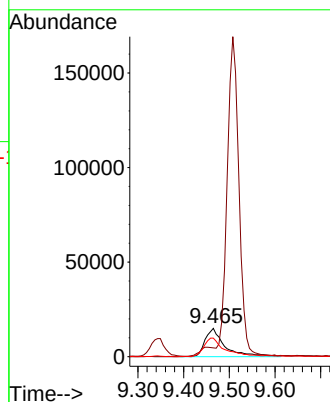
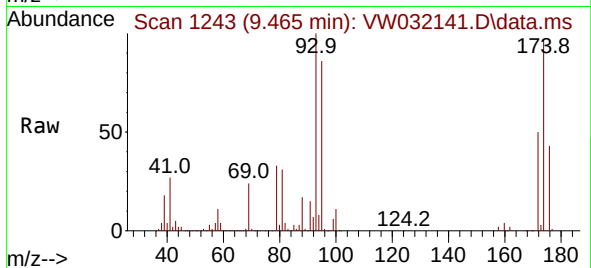
Tgt Ion: 88 Resp: 44927

Ion Ratio Lower Upper

88 100

43 22.2 18.0 27.0

58 70.2 55.4 83.0



#50

Toluene-d8

Concen: 96.743 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032141.D

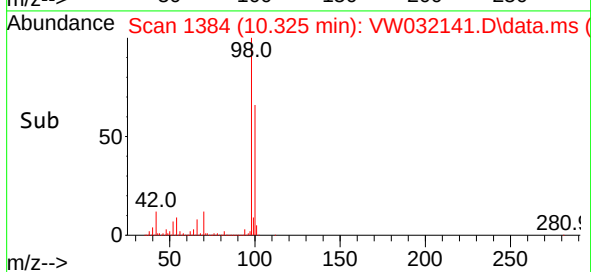
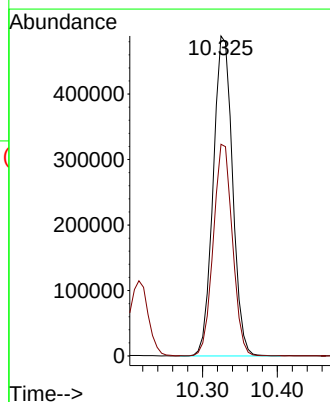
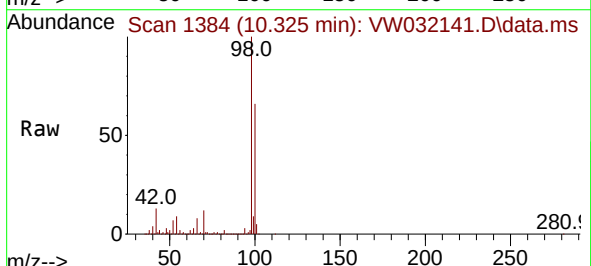
Acq: 26 Aug 2025 11:29

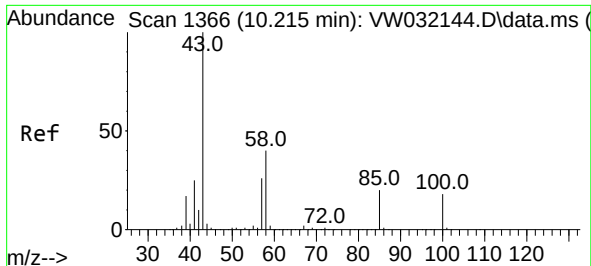
Tgt Ion: 98 Resp: 878263

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.2

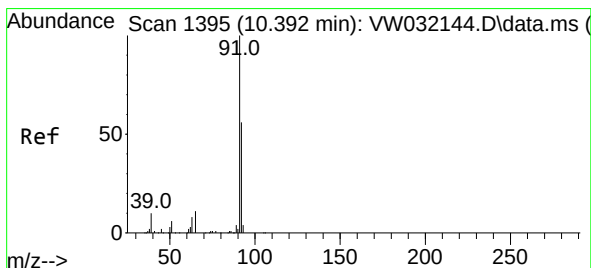
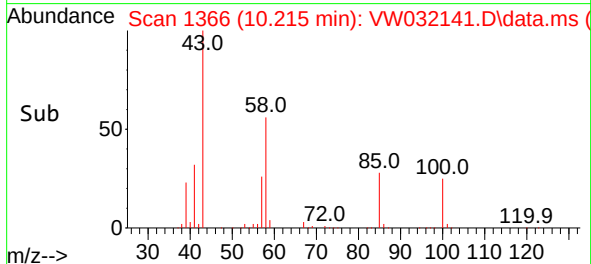
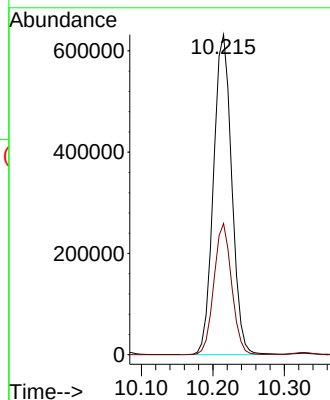
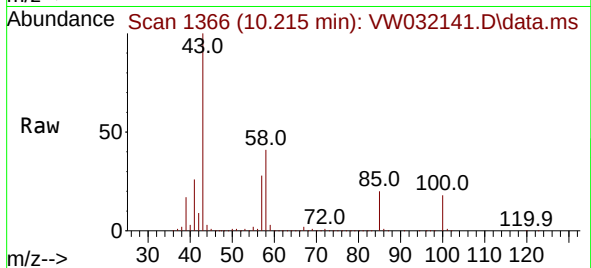




#51
4-Methyl-2-Pentanone
Concen: 525.549 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

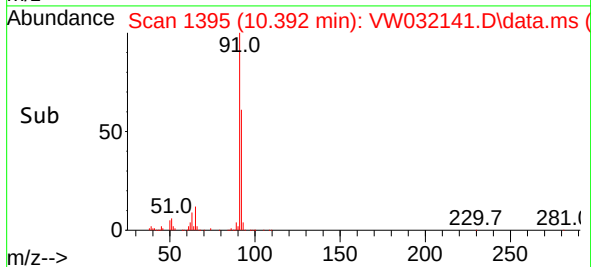
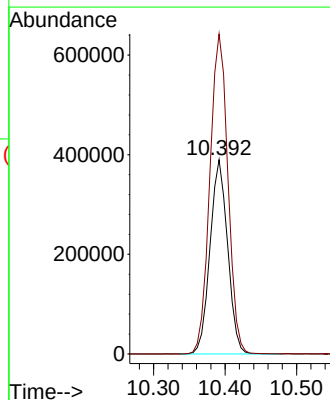
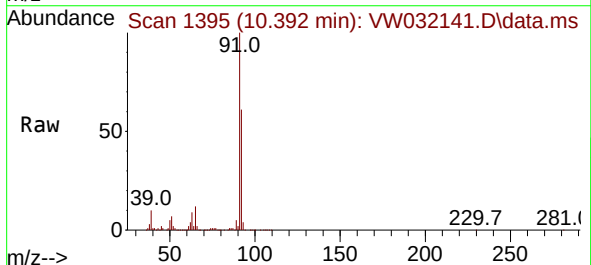
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

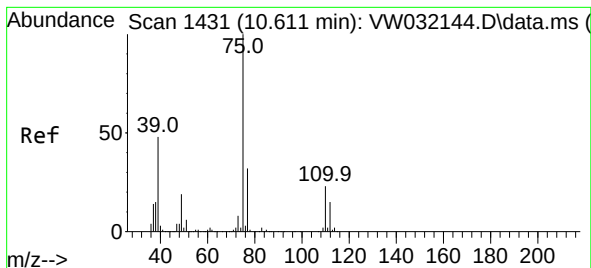
Tgt Ion: 43 Resp: 1119796
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0



#52
Toluene
Concen: 98.198 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 92 Resp: 665096
Ion Ratio Lower Upper
92 100
91 169.4 137.5 206.3

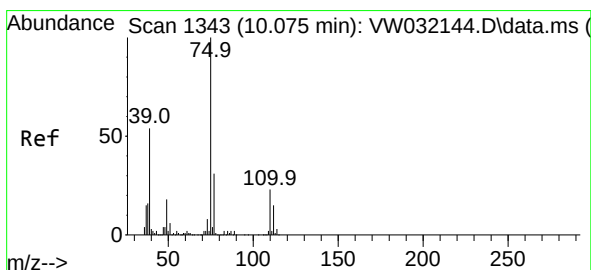
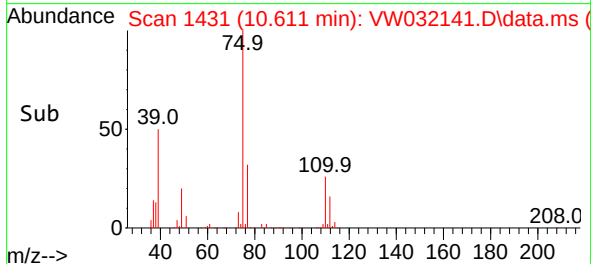
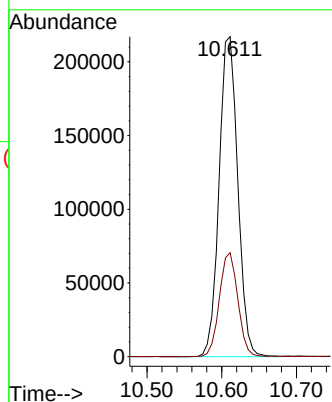
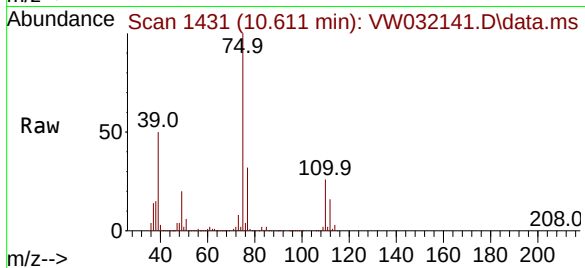




#53
 t-1,3-Dichloropropene
 Concen: 107.262 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

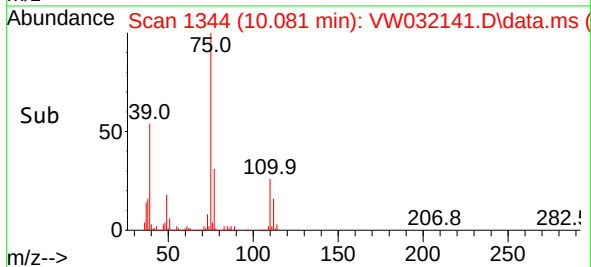
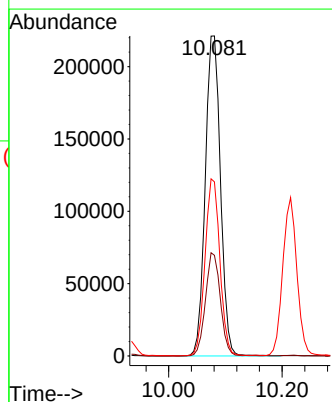
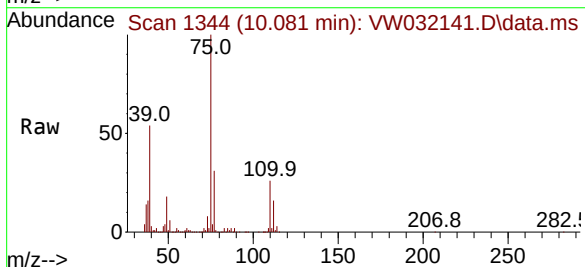
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

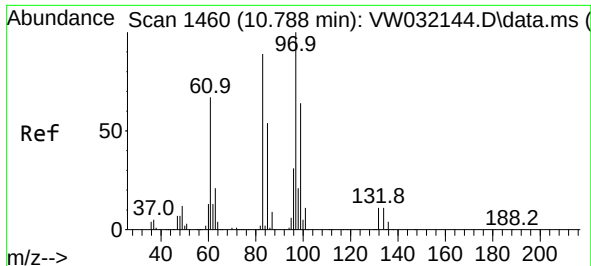
Tgt Ion: 75 Resp: 376829
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 102.767 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 411952
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 54.3 43.2 64.8



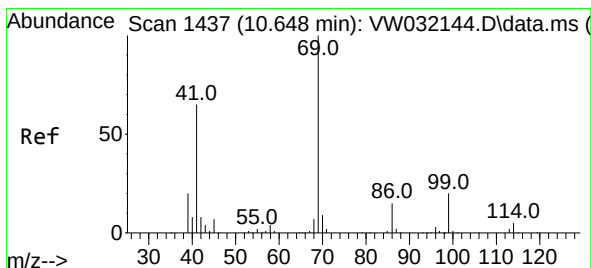
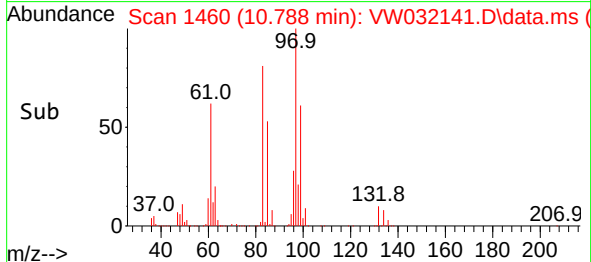
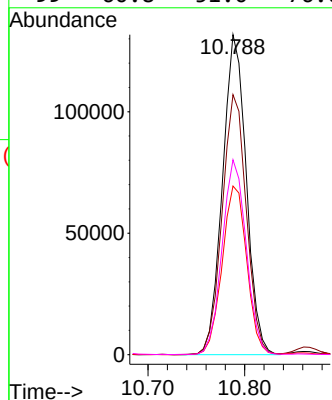
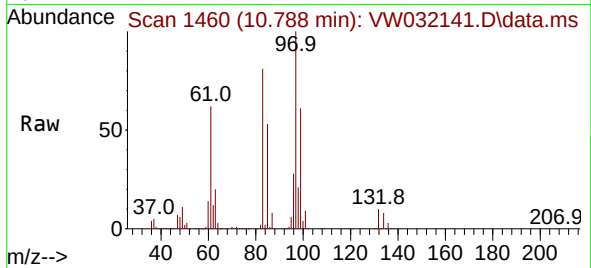


#55
1,1,2-Trichloroethane
Concen: 98.537 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 224549

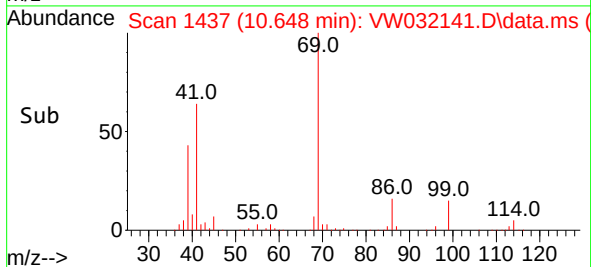
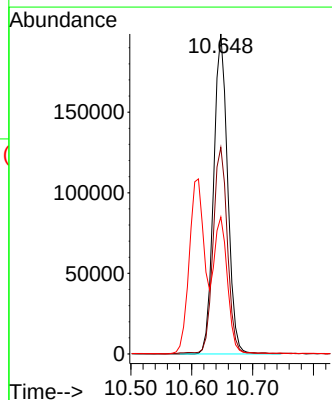
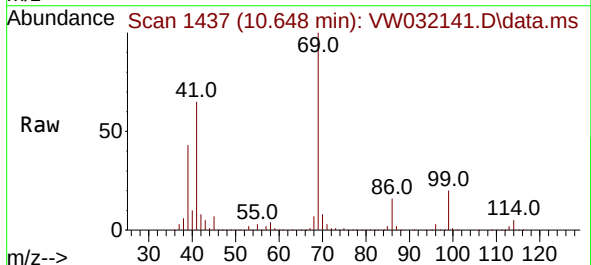
Ion	Ratio	Lower	Upper
97	100		
83	81.2	71.0	106.6
85	52.7	42.8	64.2
99	60.8	51.0	76.6

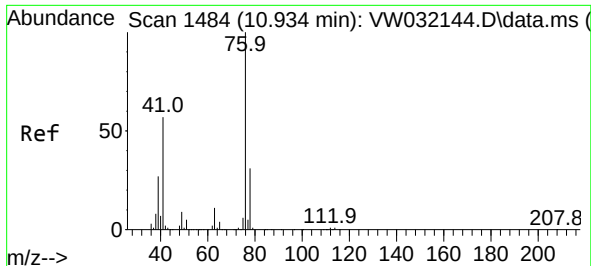


#56
Ethyl methacrylate
Concen: 108.371 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 69 Resp: 315727

Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.2	79.8
39	40.6	32.9	49.3





#57

1,3-Dichloropropane

Concen: 99.362 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

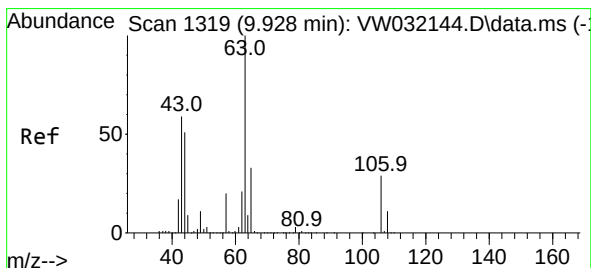
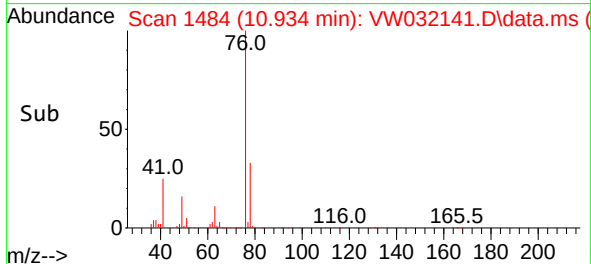
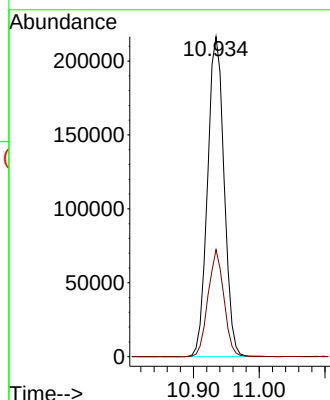
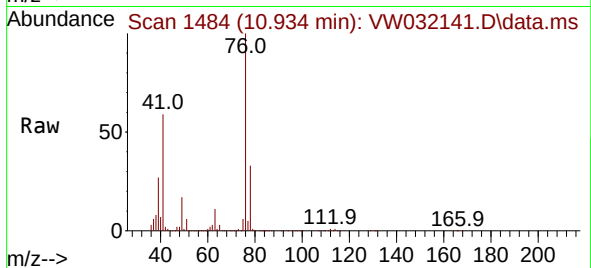
VSTDIC100

Tgt Ion: 76 Resp: 379137

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 537.045 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032141.D

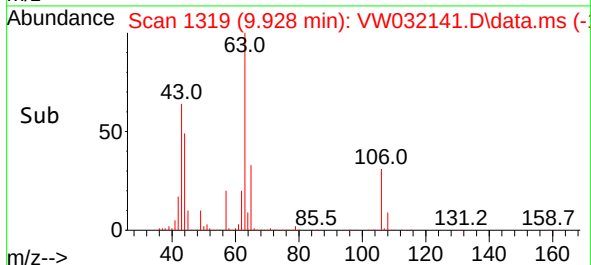
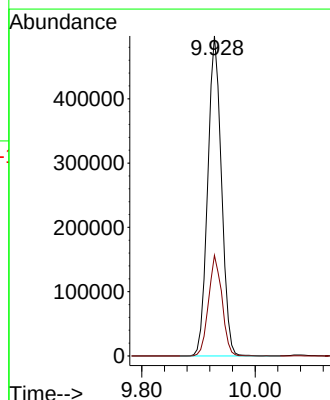
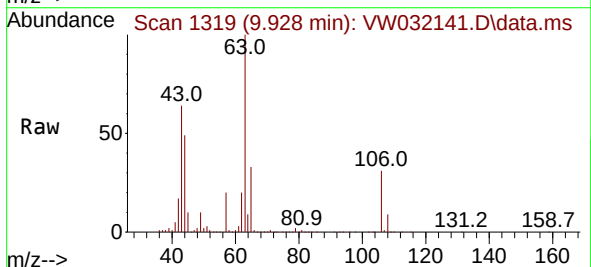
Acq: 26 Aug 2025 11:29

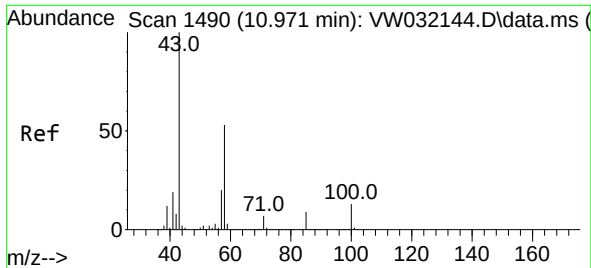
Tgt Ion: 63 Resp: 835126

Ion Ratio Lower Upper

63 100

106 30.8 24.3 36.5

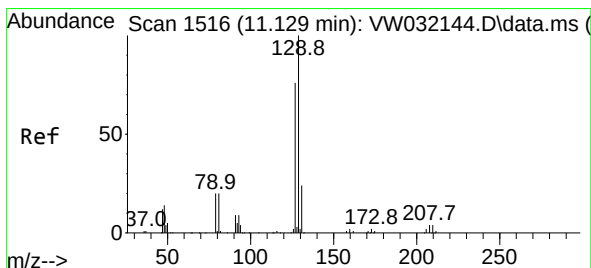
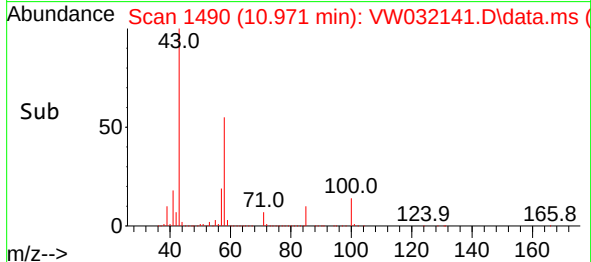
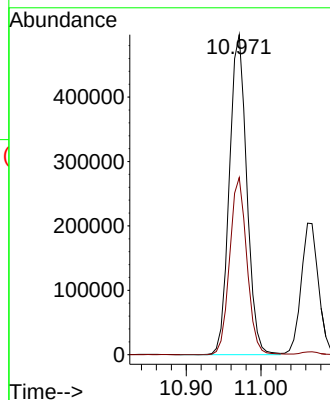
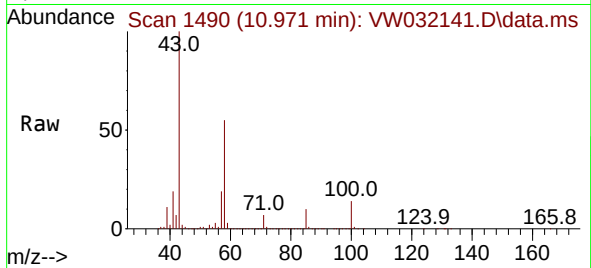




#59
2-Hexanone
Concen: 542.911 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

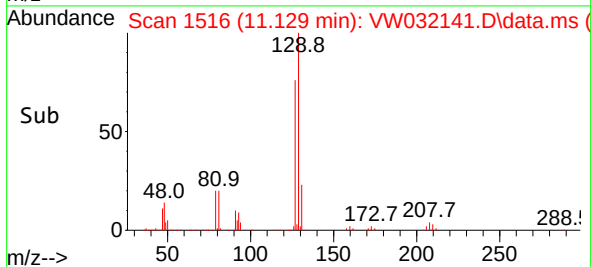
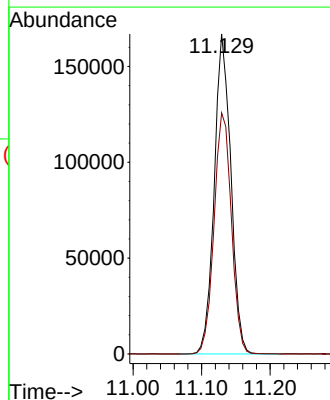
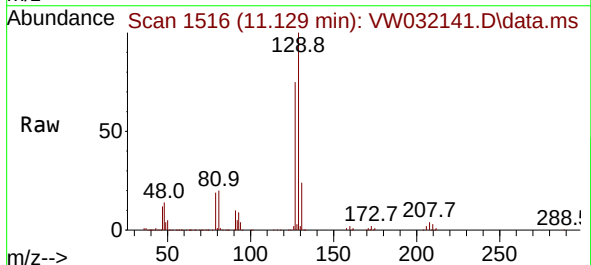
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

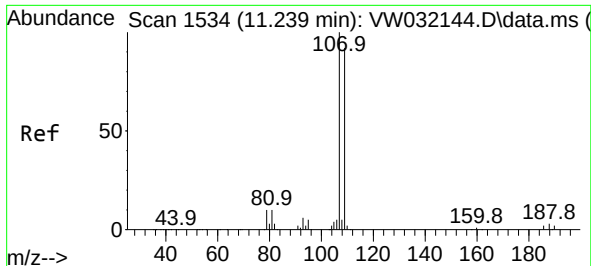
Tgt Ion: 43 Resp: 804518
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4



#60
Dibromochloromethane
Concen: 101.529 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 129 Resp: 279965
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.5

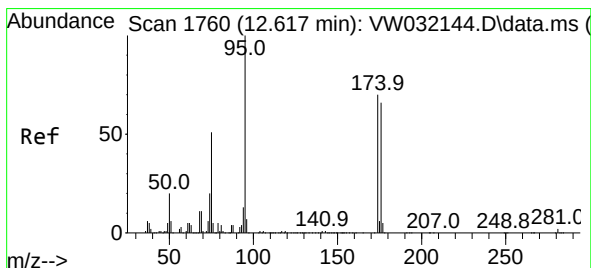
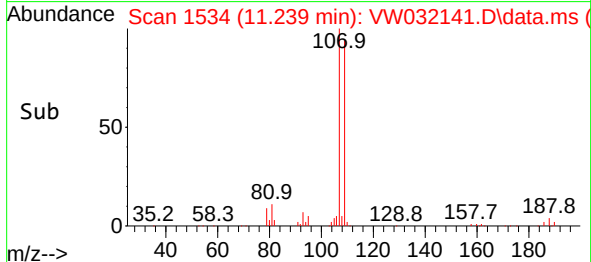
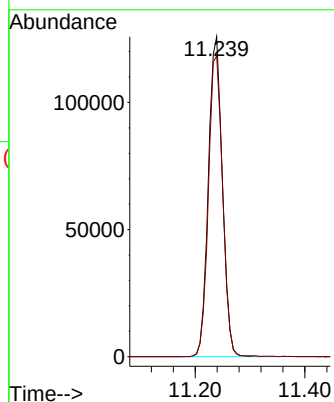
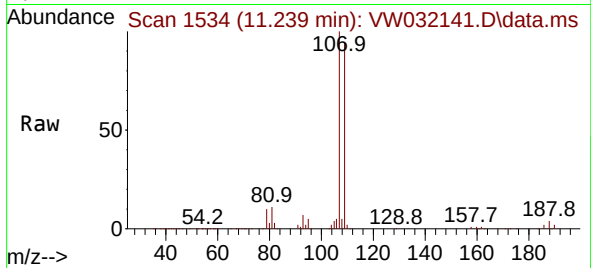




#61
1,2-Dibromoethane
Concen: 99.277 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

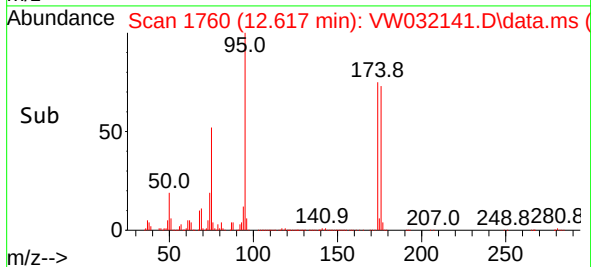
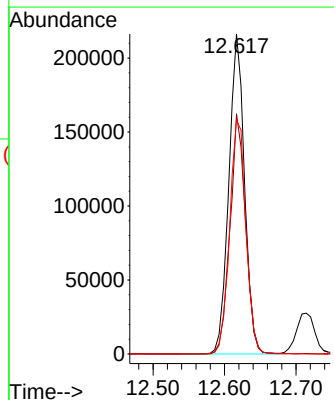
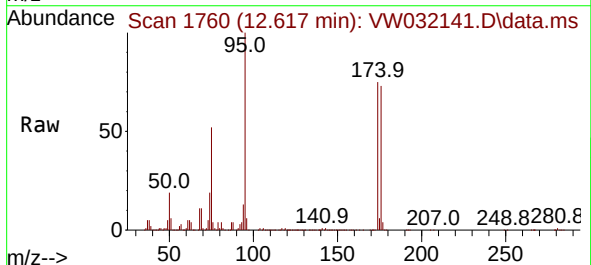
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

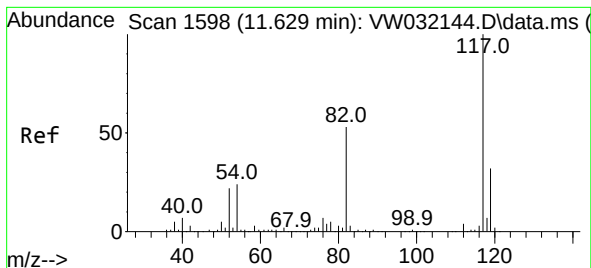
Tgt Ion:107 Resp: 222479
Ion Ratio Lower Upper
107 100
109 95.2 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 98.087 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 95 Resp: 329277
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.6
176 76.0 0.0 140.8

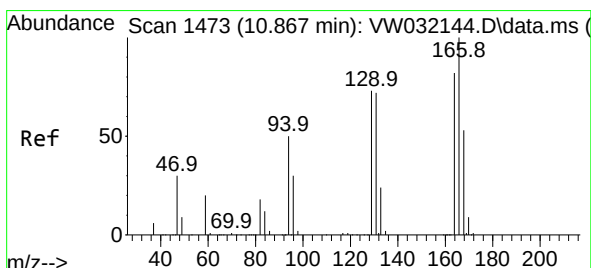
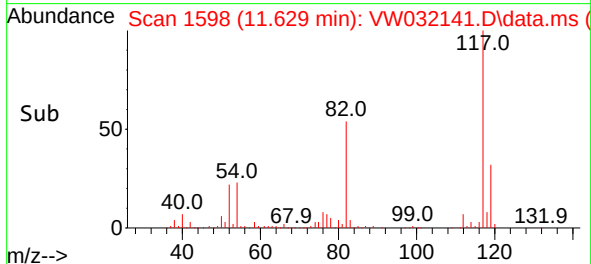
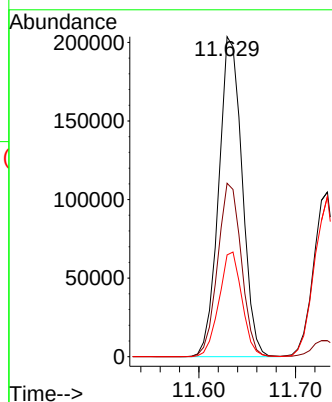
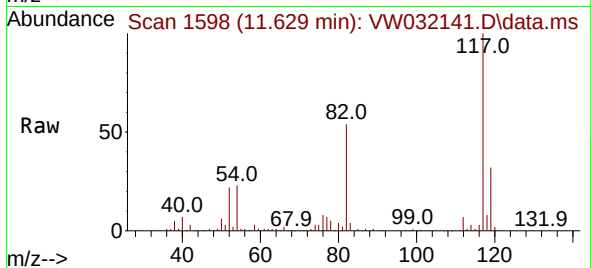




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

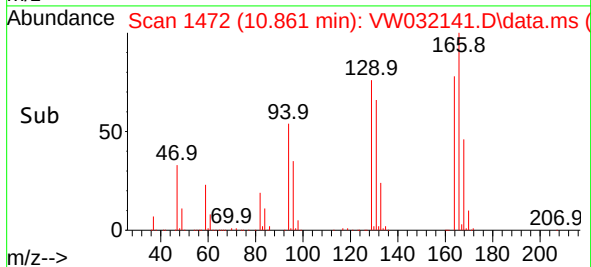
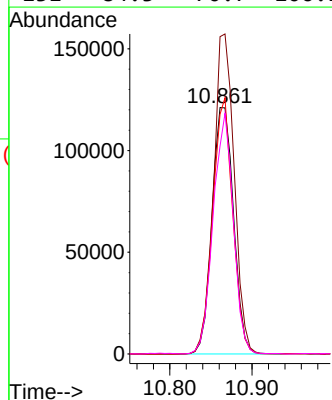
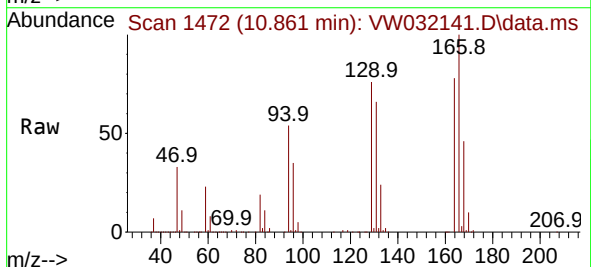
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

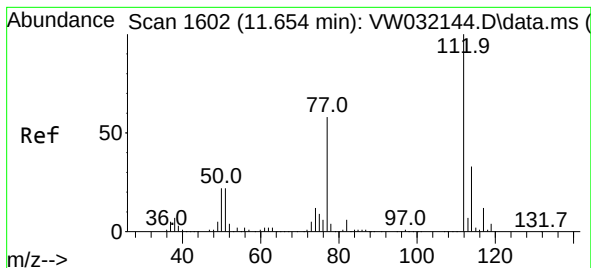
Tgt Ion:117 Resp: 341675
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 97.772 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:164 Resp: 219868
Ion Ratio Lower Upper
164 100
166 128.8 97.5 146.3
129 97.3 71.2 106.8
131 84.3 70.7 106.1





#65

Chlorobenzene

Concen: 97.233 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

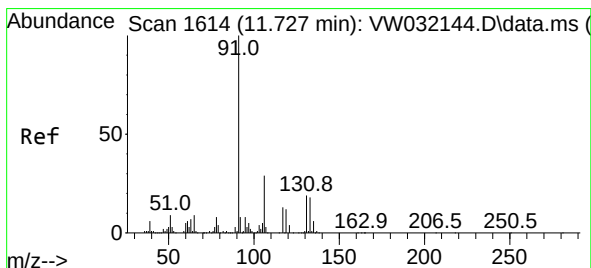
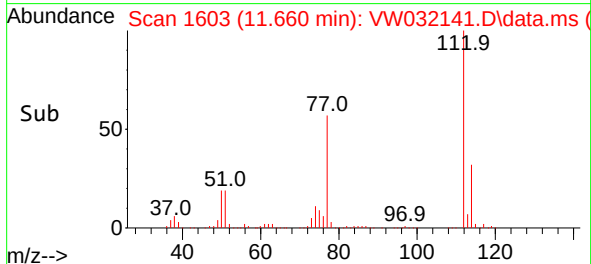
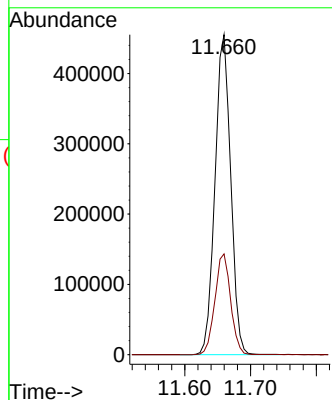
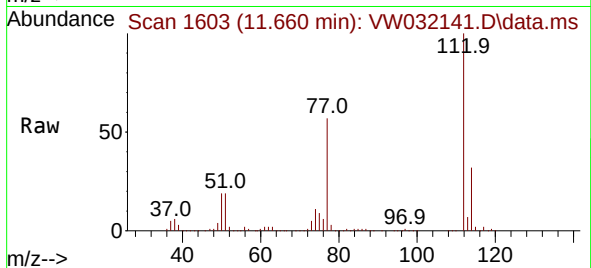
VSTDIC100

Tgt Ion:112 Resp: 756186

Ion Ratio Lower Upper

112 100

114 31.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 98.889 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

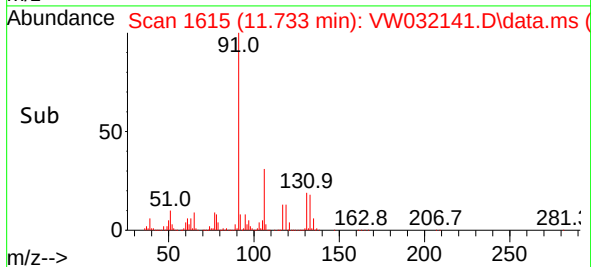
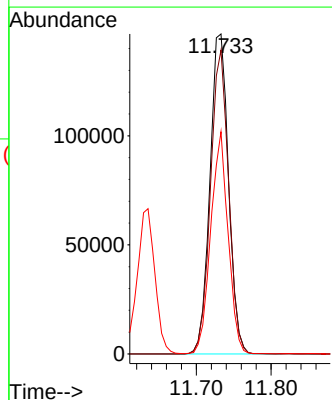
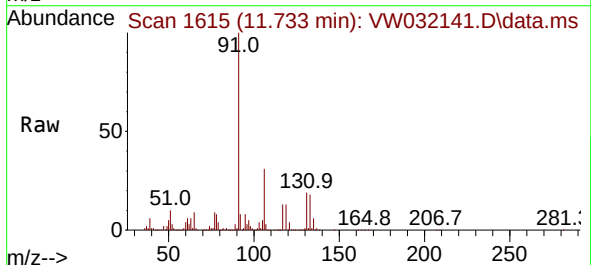
Tgt Ion:131 Resp: 253198

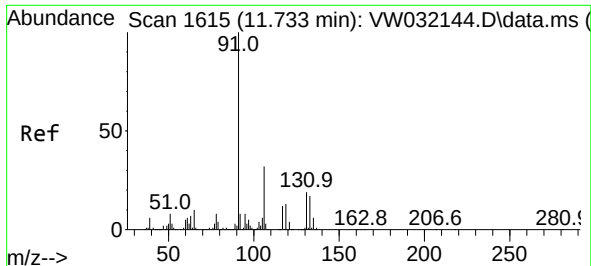
Ion Ratio Lower Upper

131 100

133 92.6 47.7 143.1

119 64.8 32.8 98.3





#67

Ethyl Benzene

Concen: 100.837 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

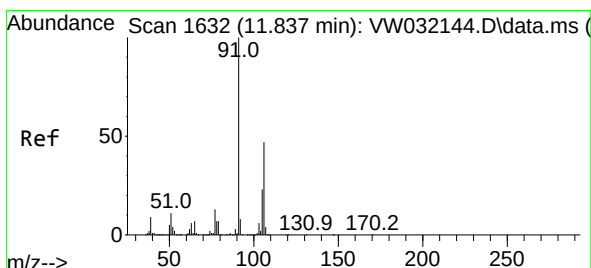
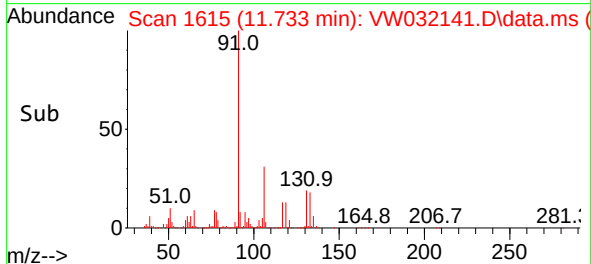
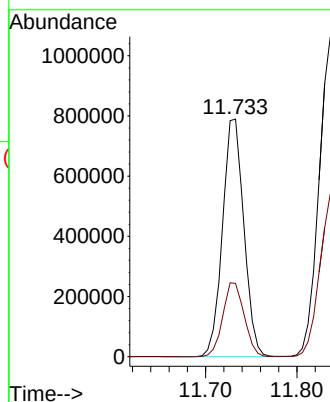
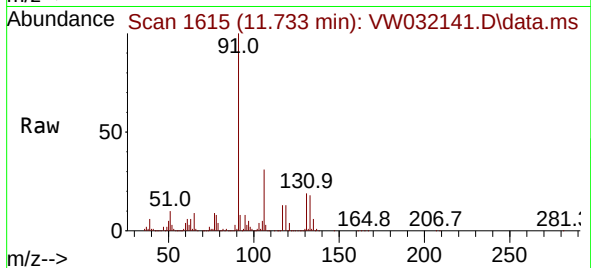
VSTDIC100

Tgt Ion: 91 Resp: 1284877

Ion Ratio Lower Upper

91 100

106 30.9 25.3 37.9



#68

m/p-Xylenes

Concen: 203.463 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032141.D

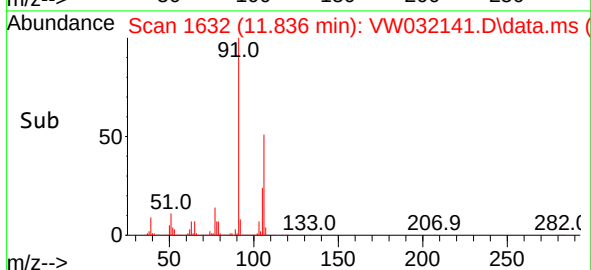
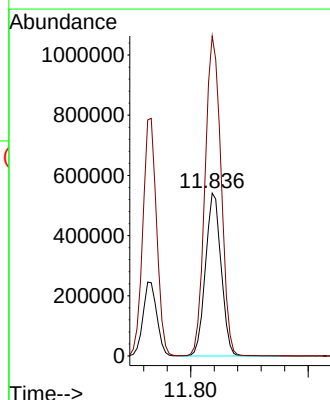
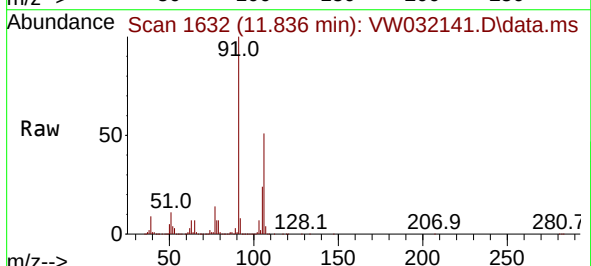
Acq: 26 Aug 2025 11:29

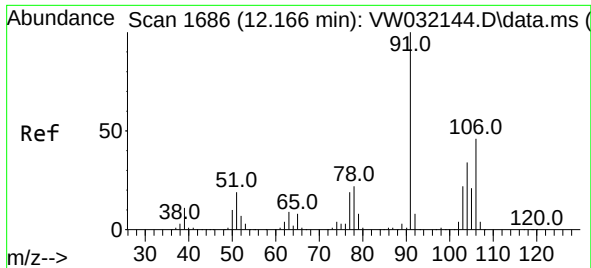
Tgt Ion:106 Resp: 997778

Ion Ratio Lower Upper

106 100

91 201.7 164.2 246.2

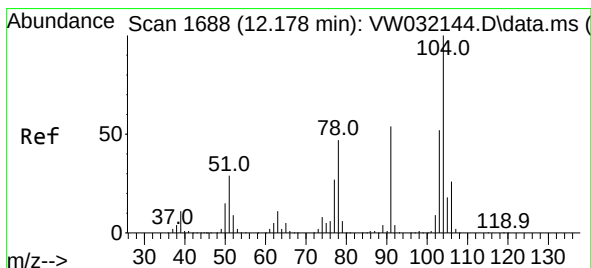
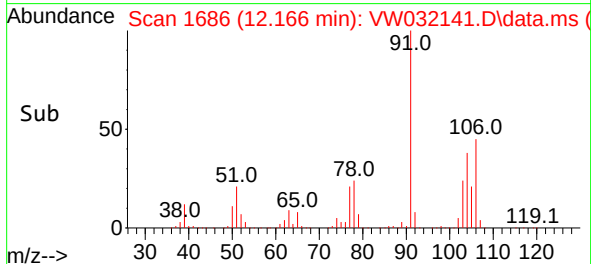
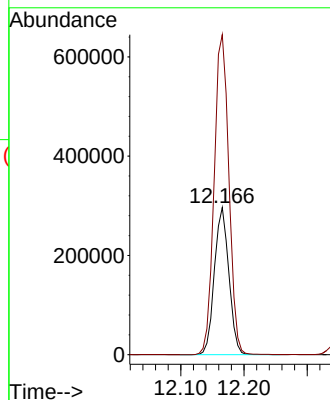
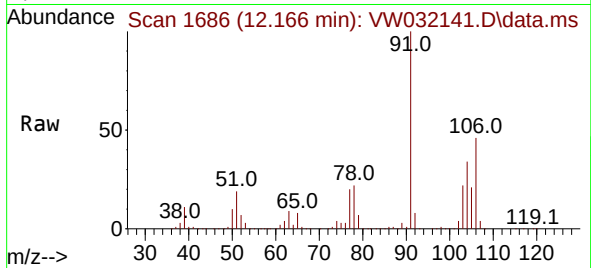




#69
o-Xylene
Concen: 101.336 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

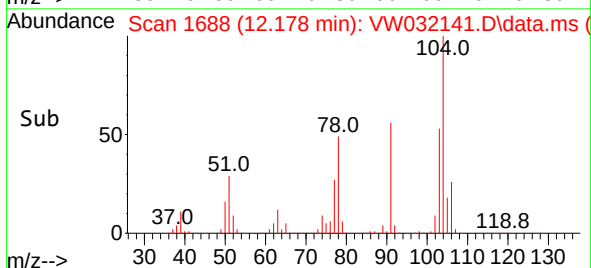
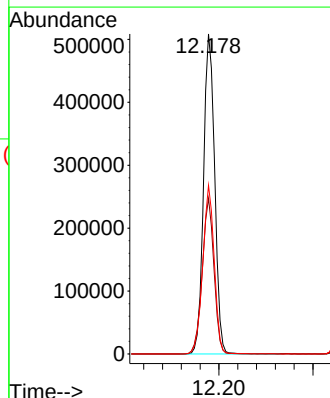
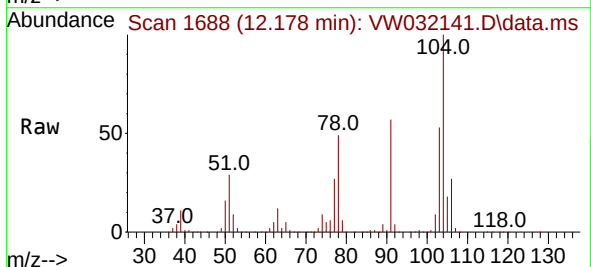
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

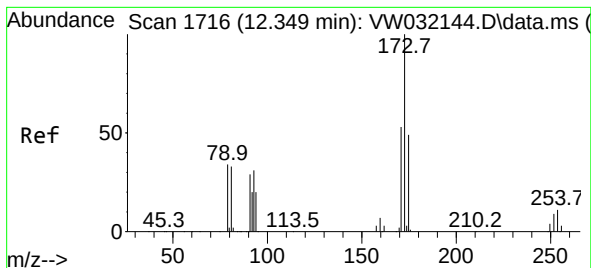
Tgt Ion:106 Resp: 470060
Ion Ratio Lower Upper
106 100
91 221.8 108.7 326.3



#70
Styrene
Concen: 102.182 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:104 Resp: 835536
Ion Ratio Lower Upper
104 100
78 51.1 41.6 62.4
103 54.4 44.8 67.2





#71

Bromoform

Concen: 103.138 ug/l

RT: 12.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

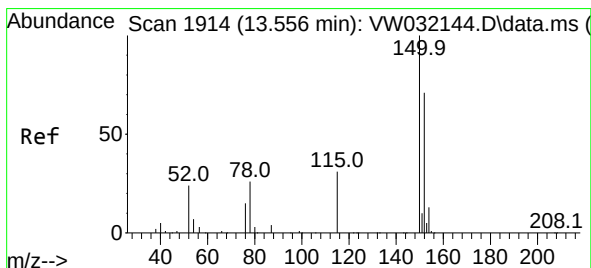
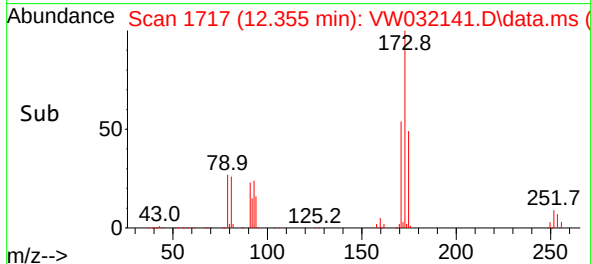
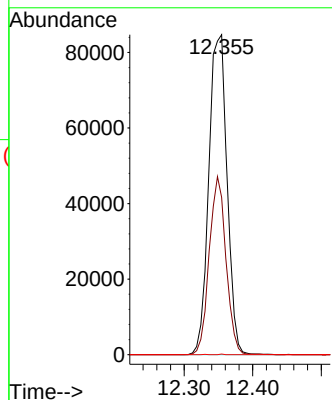
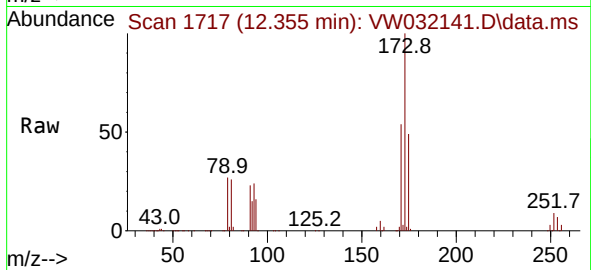
Tgt Ion:173 Resp: 156842

Ion Ratio Lower Upper

173 100

175 51.2 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

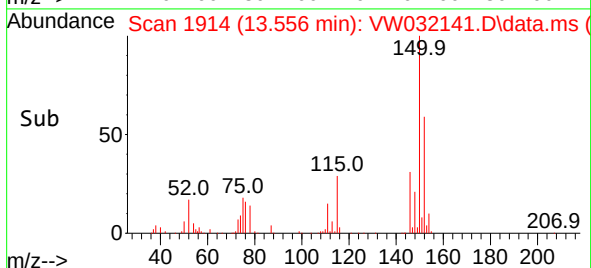
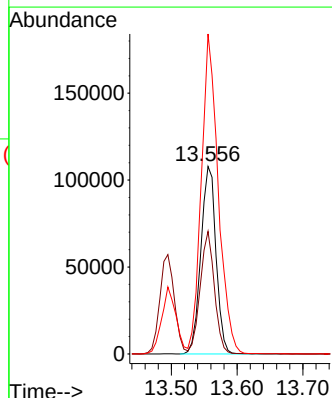
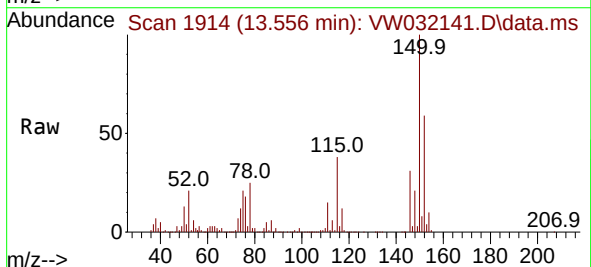
Tgt Ion:152 Resp: 172801

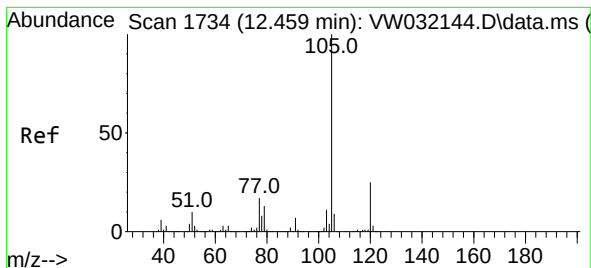
Ion Ratio Lower Upper

152 100

115 61.1 31.8 95.4

150 189.9 0.0 343.0





#73

Isopropylbenzene

Concen: 105.088 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

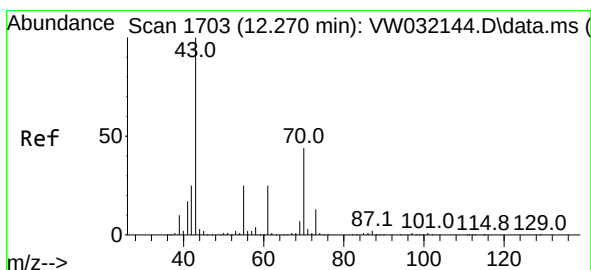
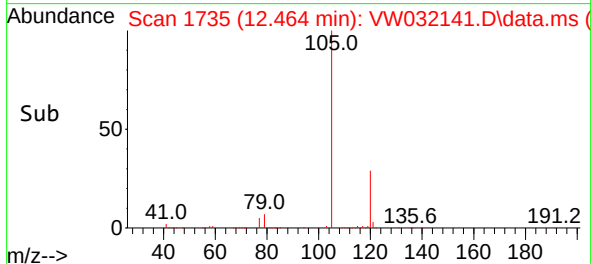
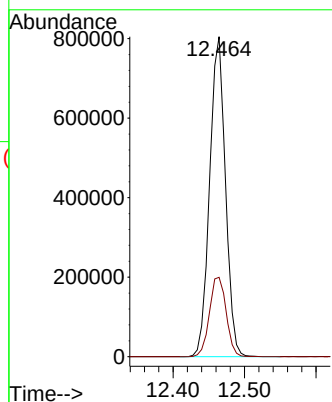
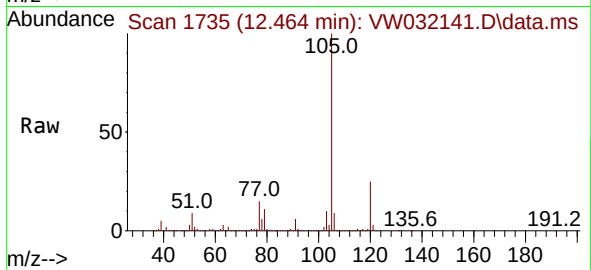
VSTDIC100

Tgt Ion:105 Resp: 1233680

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 107.554 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 366581

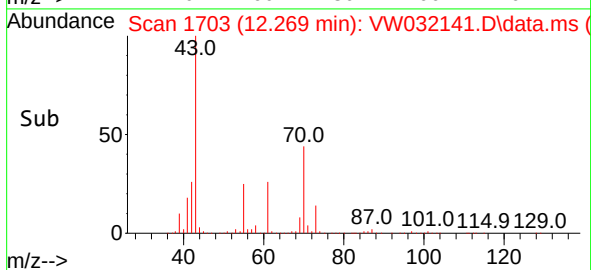
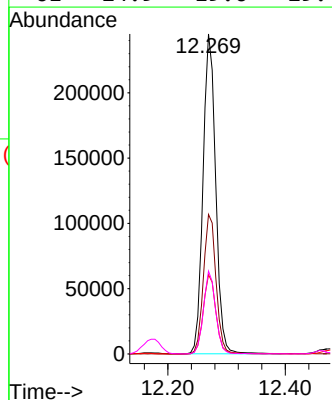
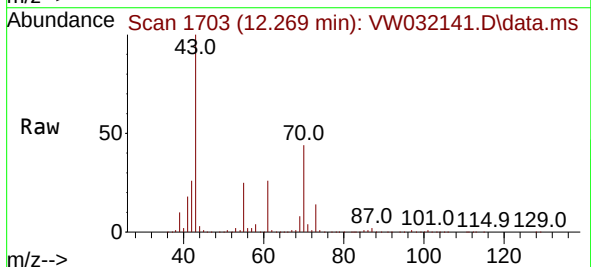
Ion Ratio Lower Upper

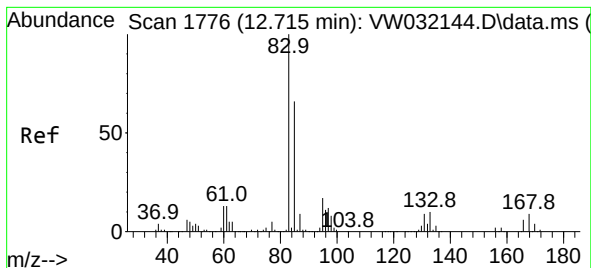
43 100

70 43.7 35.3 52.9

55 25.0 19.9 29.9

61 24.9 19.6 29.4

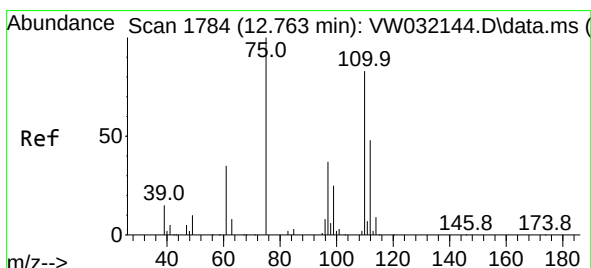
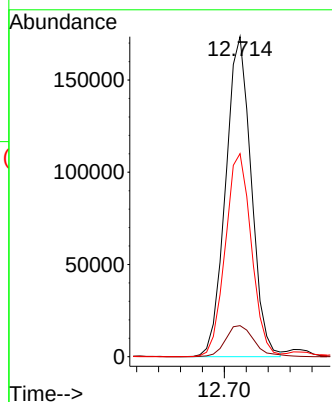
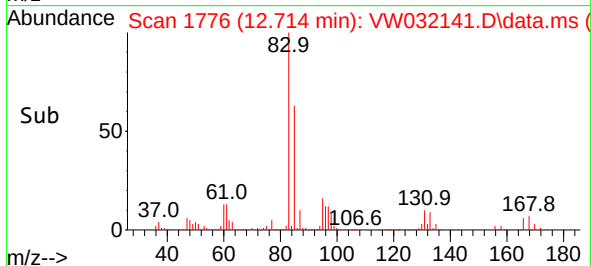
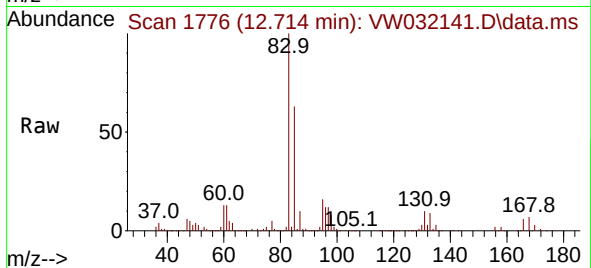




#75
1,1,2,2-Tetrachloroethane
Concen: 100.818 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

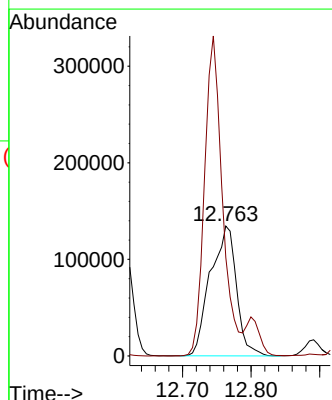
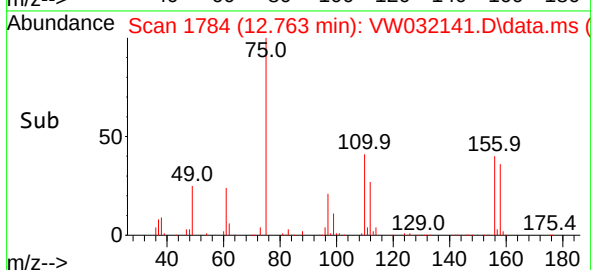
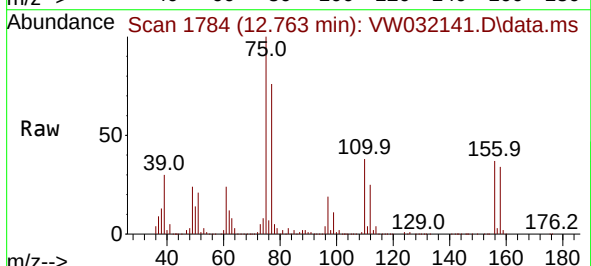
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

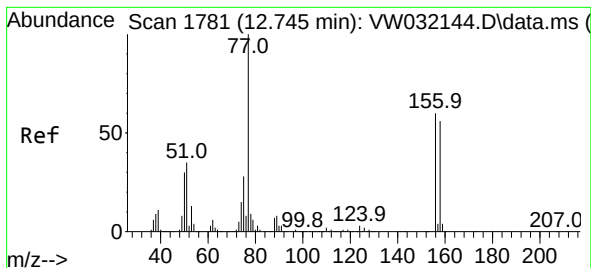
Tgt Ion: 83 Resp: 281272
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 64.8 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 158.831 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 355371
Ion Ratio Lower Upper
75 100
77 170.3 141.7 425.1

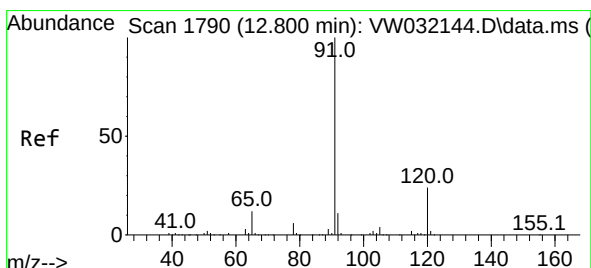
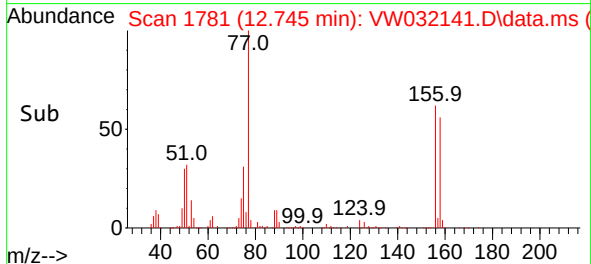
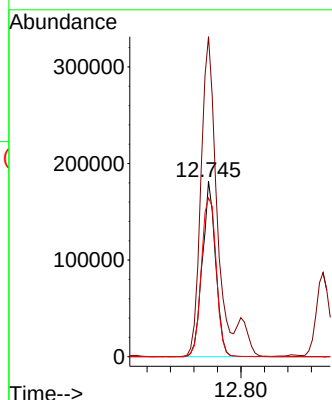
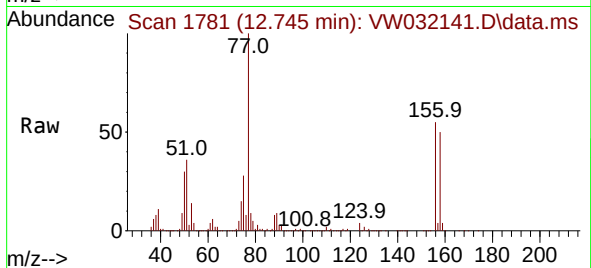




#77
Bromobenzene
Concen: 95.259 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

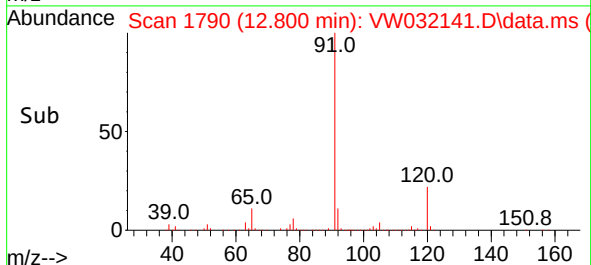
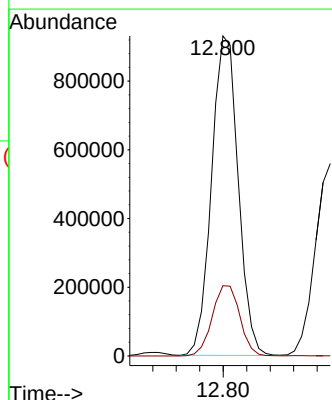
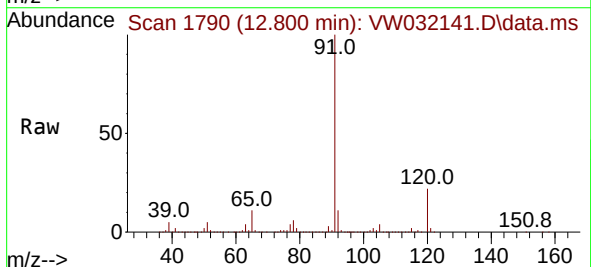
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

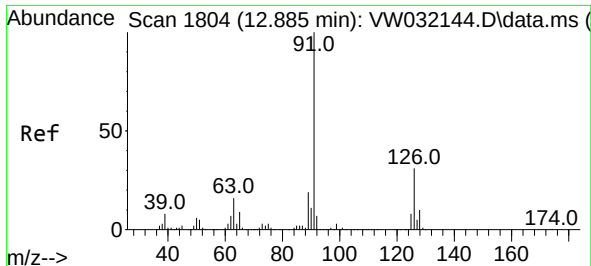
Tgt Ion:156 Resp: 285175
Ion Ratio Lower Upper
156 100
77 212.2 98.6 295.7
158 101.2 48.4 145.0



#78
n-propylbenzene
Concen: 102.772 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 91 Resp: 1464769
Ion Ratio Lower Upper
91 100
120 22.8 11.8 35.4

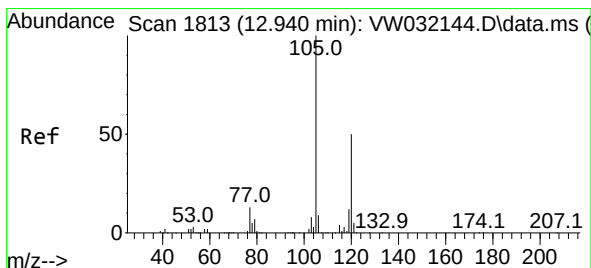
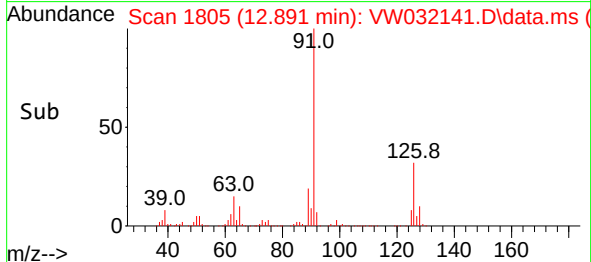
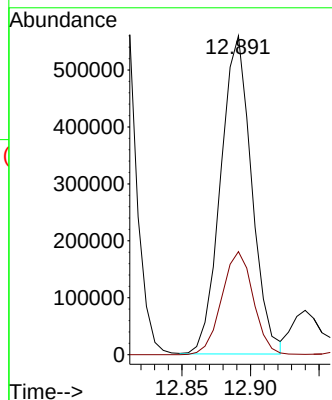
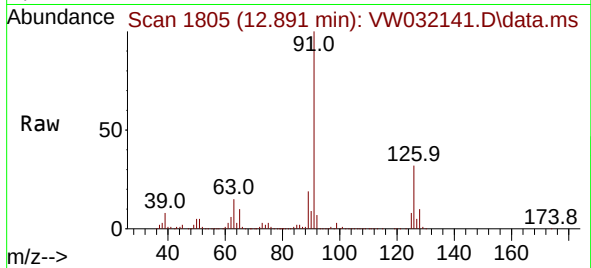




#79
2-Chlorotoluene
Concen: 101.206 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

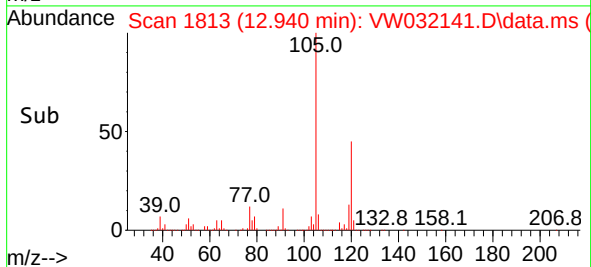
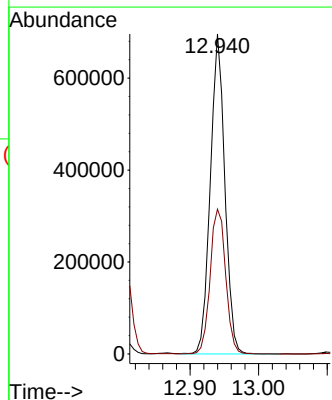
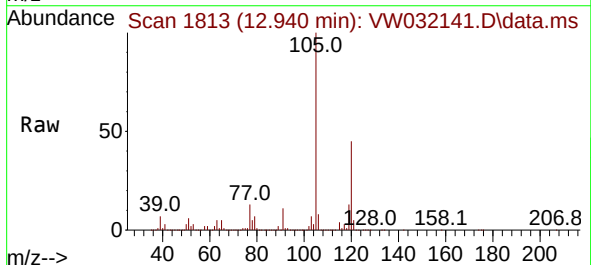
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

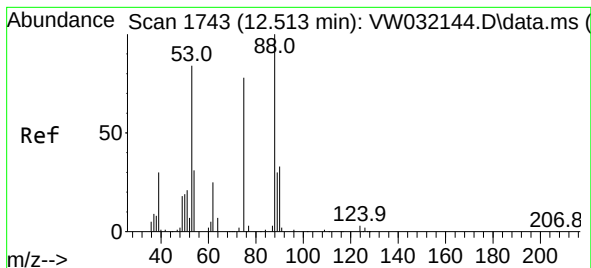
Tgt Ion: 91 Resp: 882070
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 103.191 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 105 Resp: 1025656
Ion Ratio Lower Upper
105 100
120 48.5 24.8 74.4

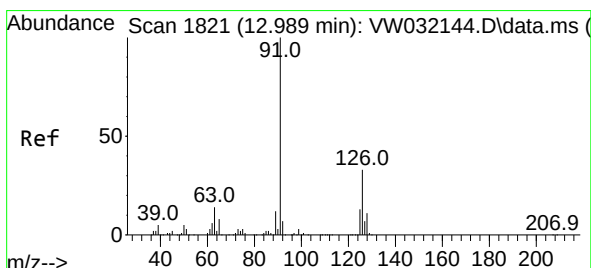
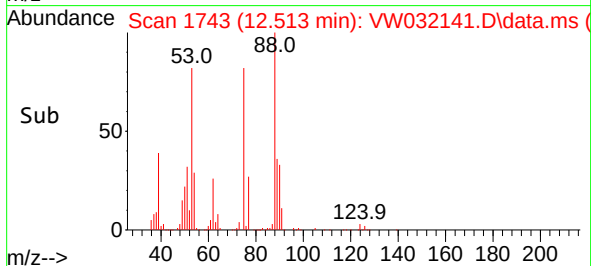
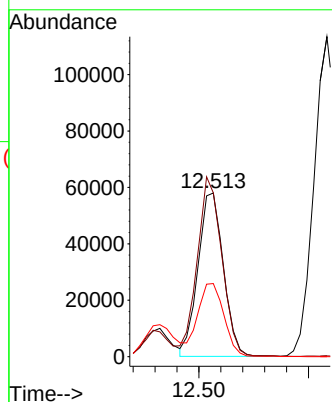
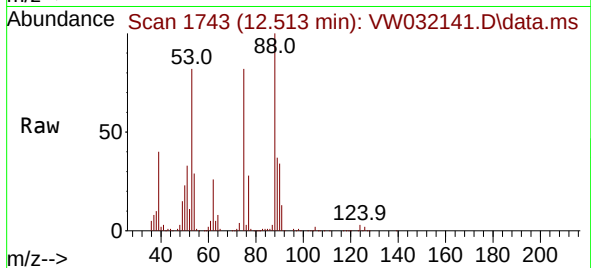




#81
trans-1,4-Dichloro-2-butene
Concen: 115.615 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

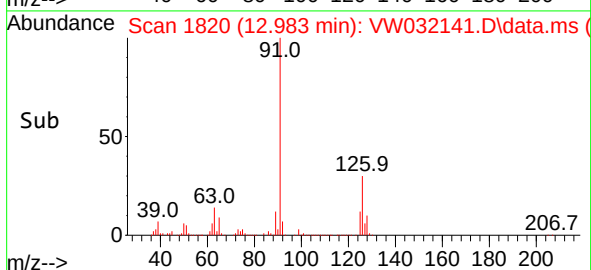
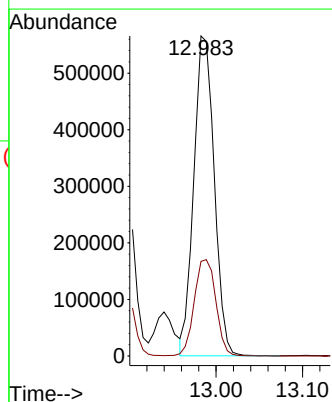
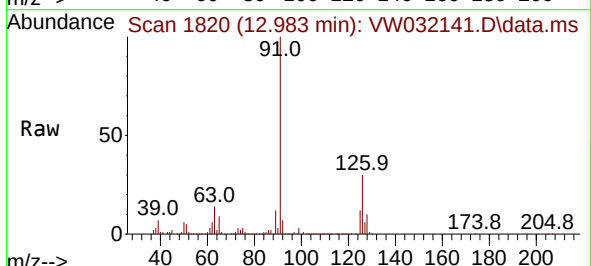
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

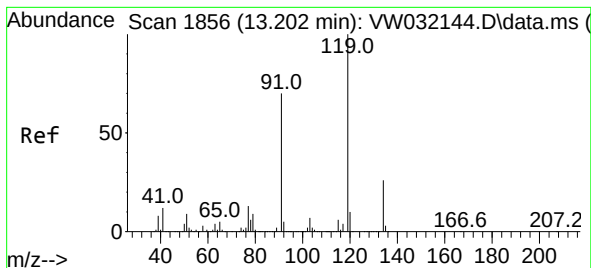
Tgt Ion: 75 Resp: 92959
Ion Ratio Lower Upper
75 100
53 107.9 91.0 136.6
89 45.8 39.4 59.2



#82
4-Chlorotoluene
Concen: 99.374 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 91 Resp: 927084
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.2

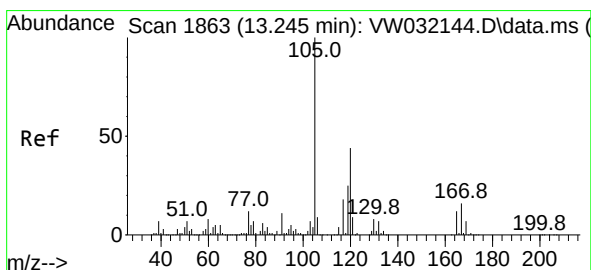
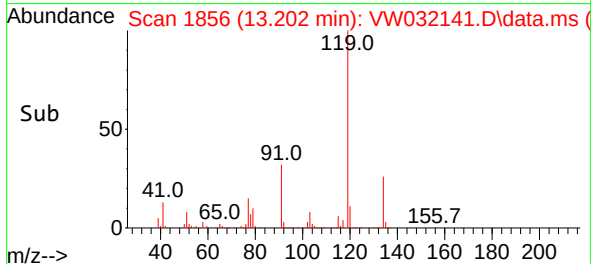
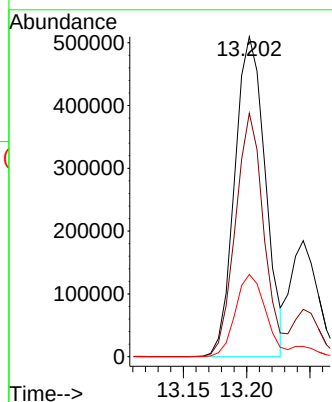
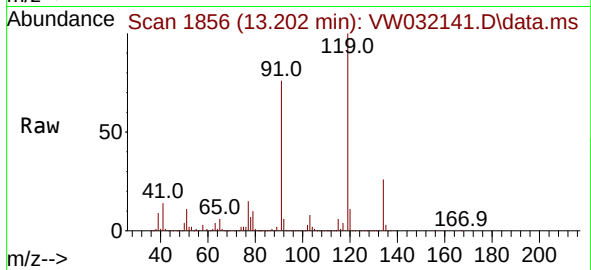




#83
 tert-Butylbenzene
 Concen: 101.713 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

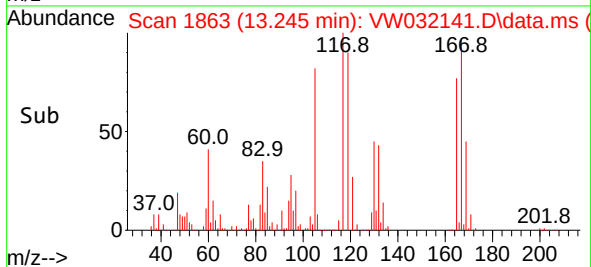
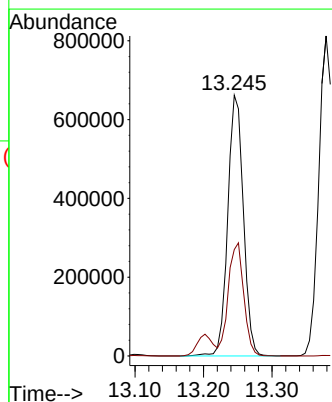
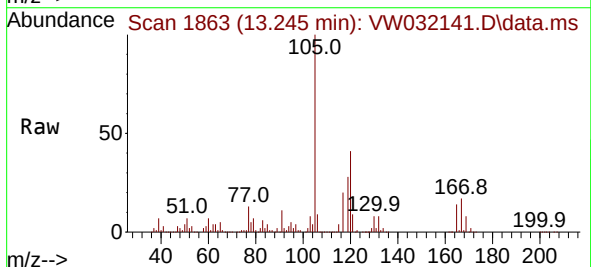
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

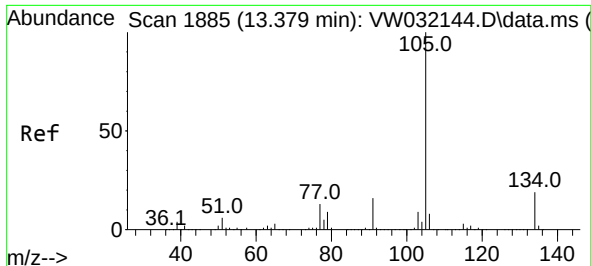
Tgt Ion:119 Resp: 857188
 Ion Ratio Lower Upper
 119 100
 91 71.5 33.8 101.3
 134 25.5 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 101.643 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

Tgt Ion:105 Resp: 1045208
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.1 66.3

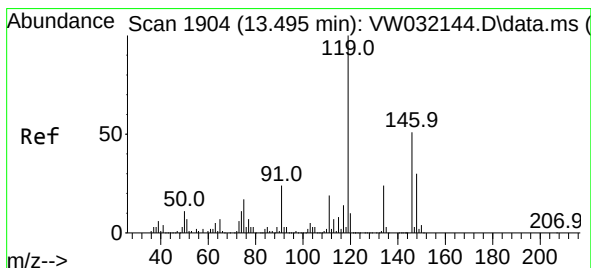
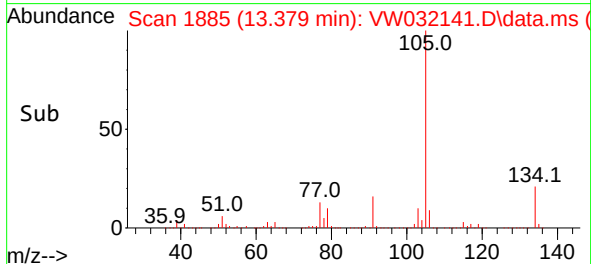
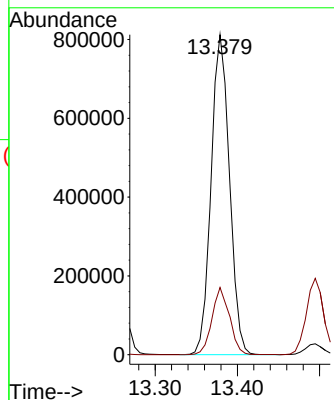
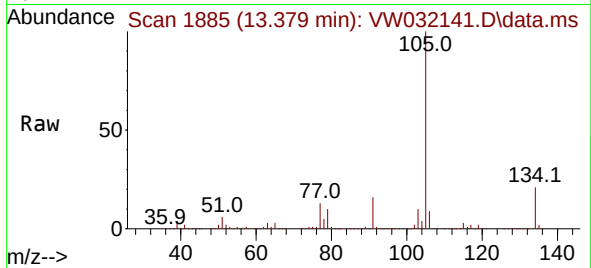




#85
 sec-Butylbenzene
 Concen: 100.172 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

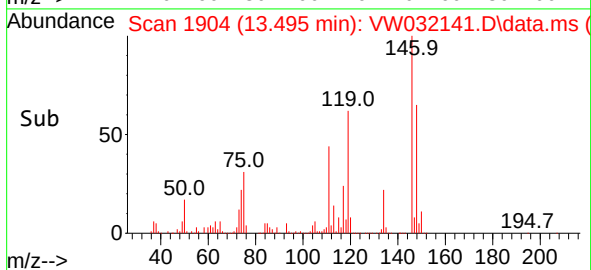
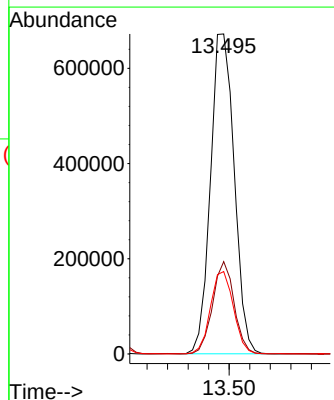
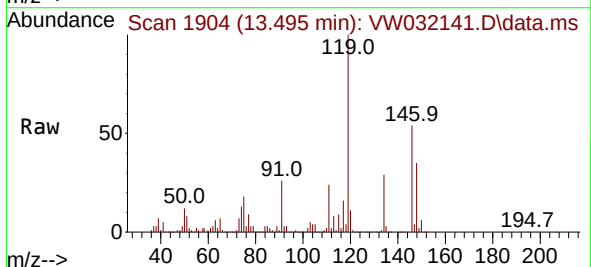
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

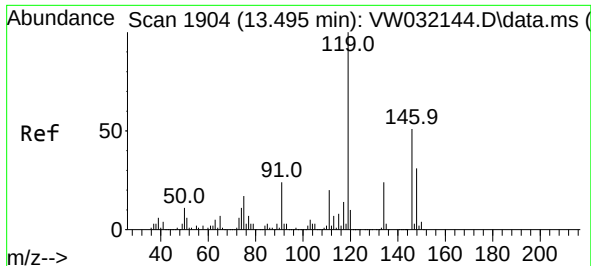
Tgt Ion:105 Resp: 1260426
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 100.646 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032141.D
 Acq: 26 Aug 2025 11:29

Tgt Ion:119 Resp: 1076959
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.6
 91 24.9 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 98.017 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

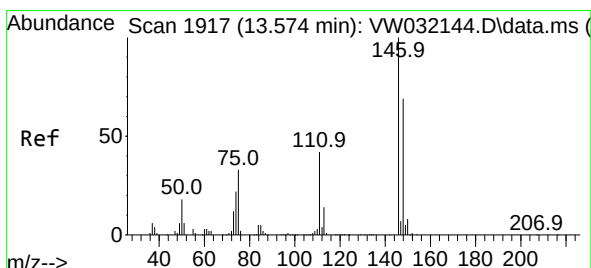
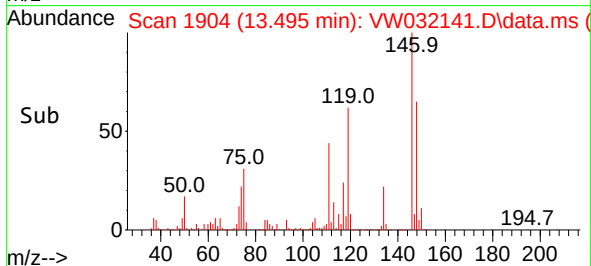
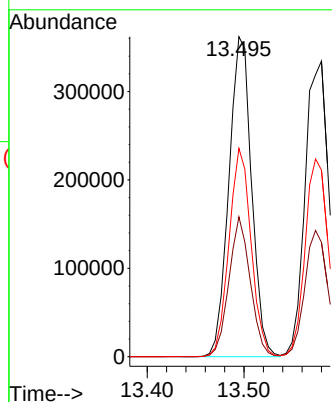
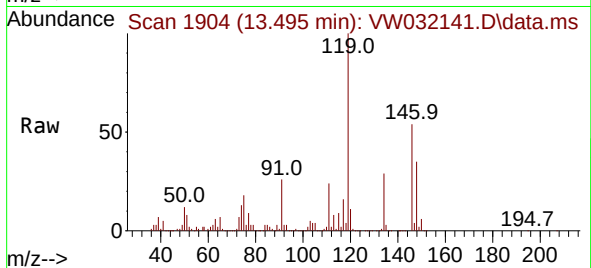
Tgt Ion:146 Resp: 590816

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

148 63.4 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 94.738 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

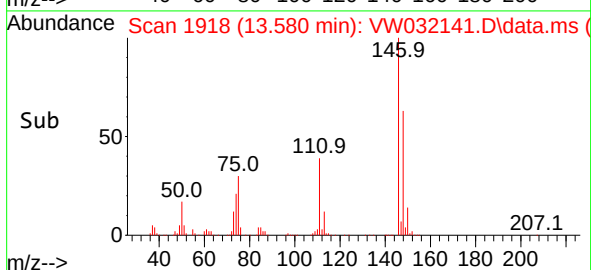
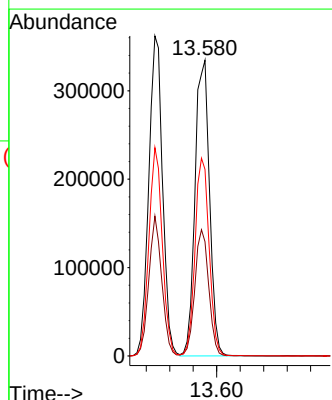
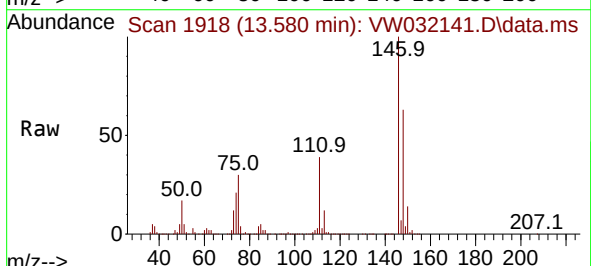
Tgt Ion:146 Resp: 572395

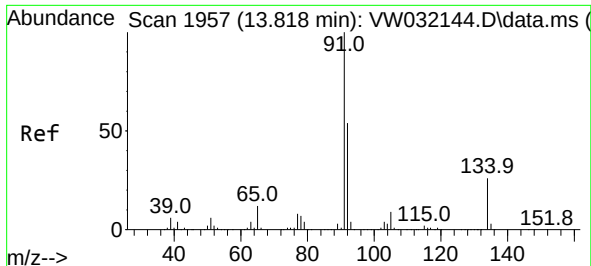
Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

148 64.8 33.4 100.1

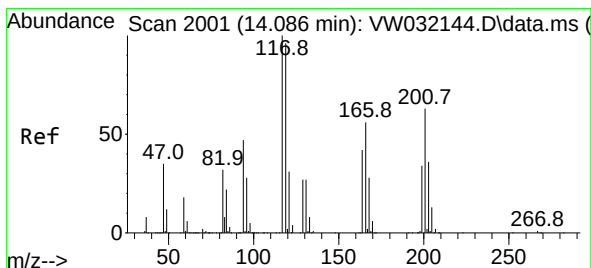
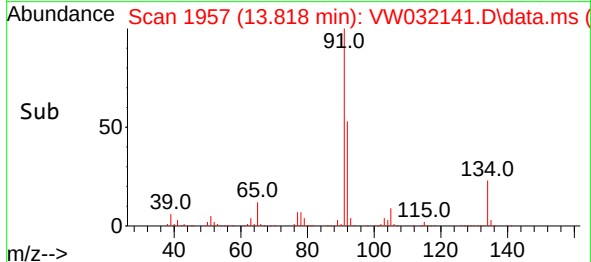
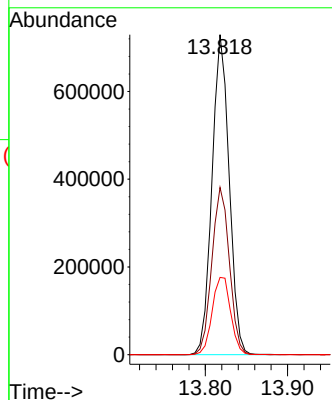
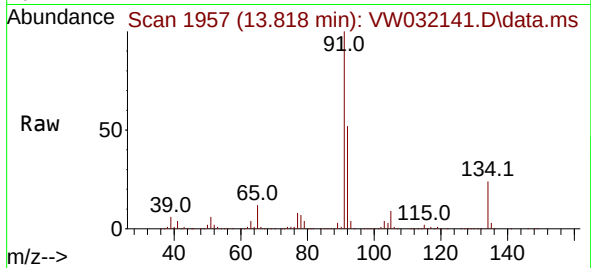




#89
n-Butylbenzene
Concen: 103.710 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

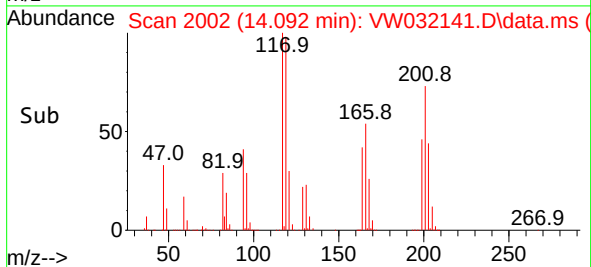
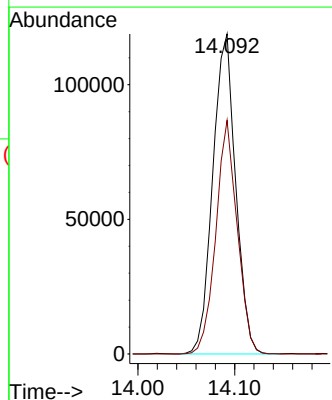
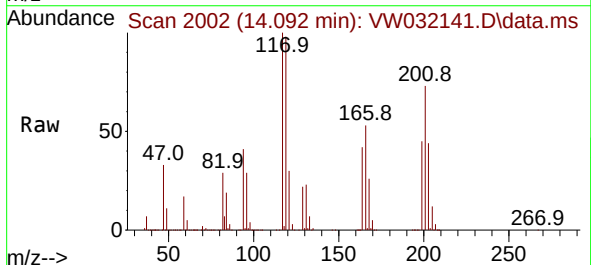
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

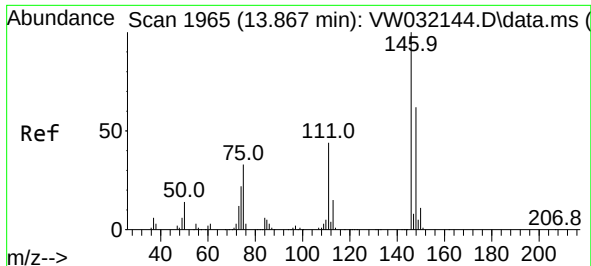
Tgt Ion: 91 Resp: 1058018
Ion Ratio Lower Upper
91 100
92 53.5 27.0 81.0
134 26.0 13.1 39.3



#90
Hexachloroethane
Concen: 99.884 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 117 Resp: 195499
Ion Ratio Lower Upper
117 100
201 68.1 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 99.481 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

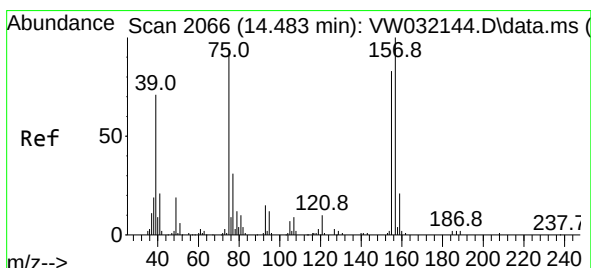
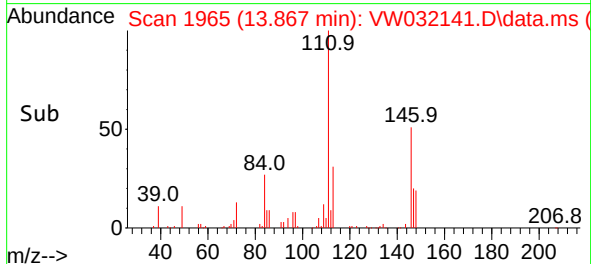
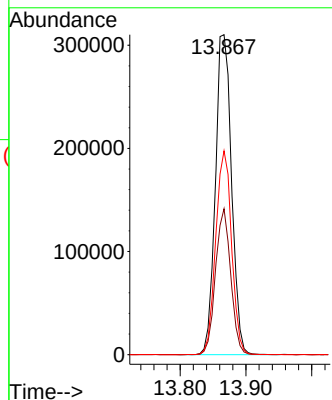
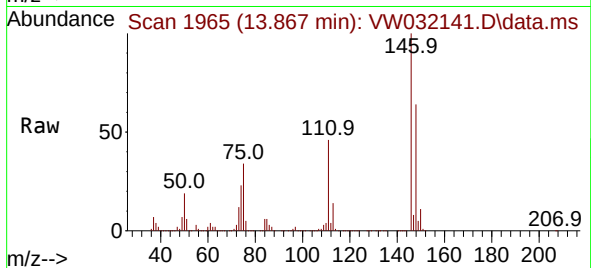
Tgt Ion:146 Resp: 530904

Ion Ratio Lower Upper

146 100

111 43.0 23.4 70.0

148 62.5 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.882 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032141.D

Acq: 26 Aug 2025 11:29

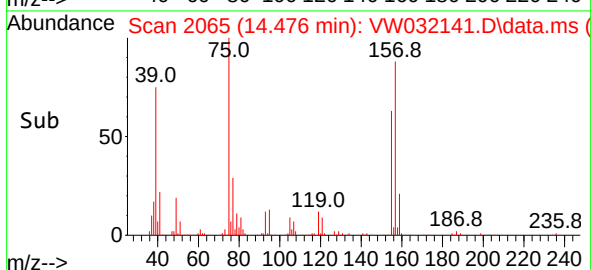
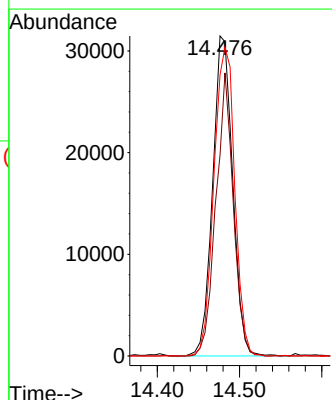
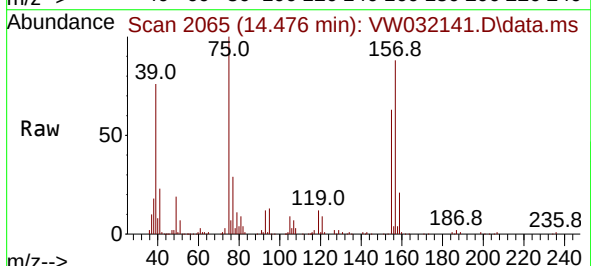
Tgt Ion: 75 Resp: 53172

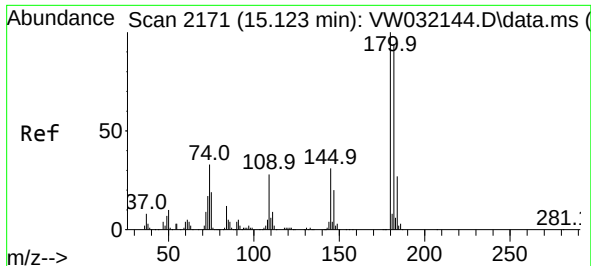
Ion Ratio Lower Upper

75 100

155 77.0 40.8 122.5

157 100.4 51.8 155.4

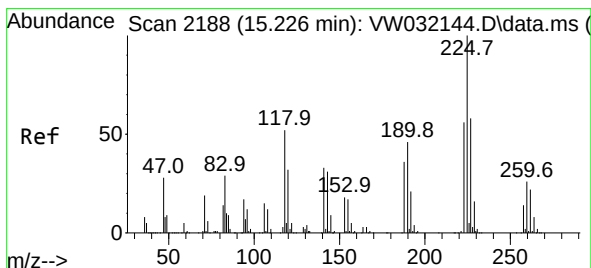
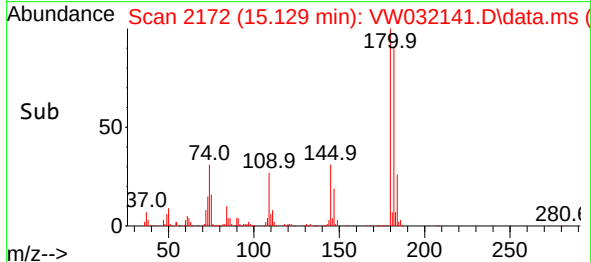
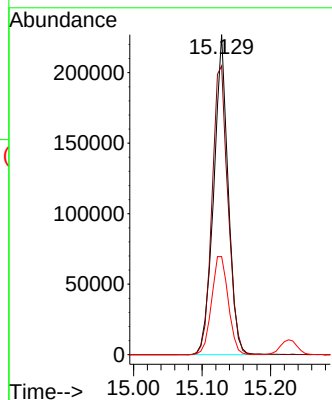
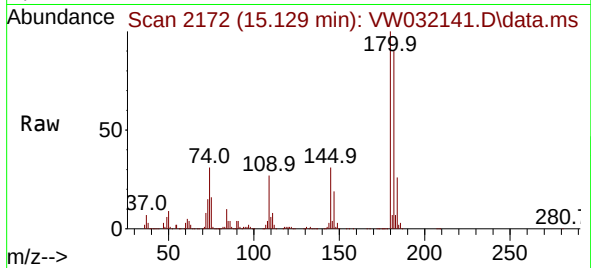




#93
1,2,4-Trichlorobenzene
Concen: 97.566 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

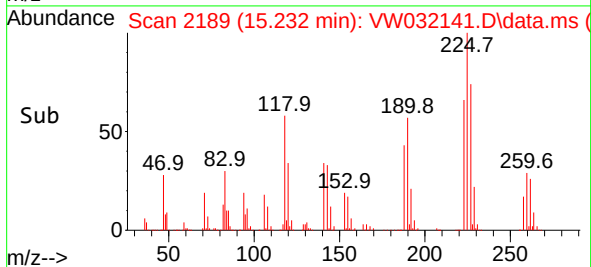
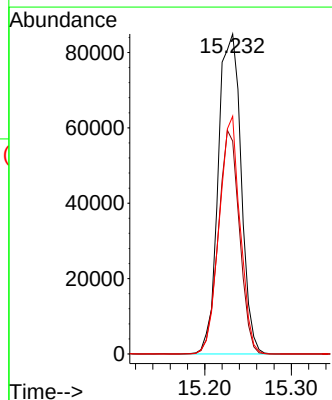
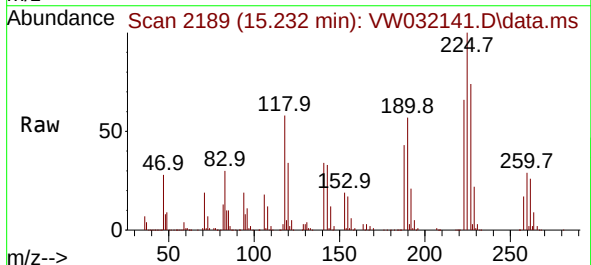
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

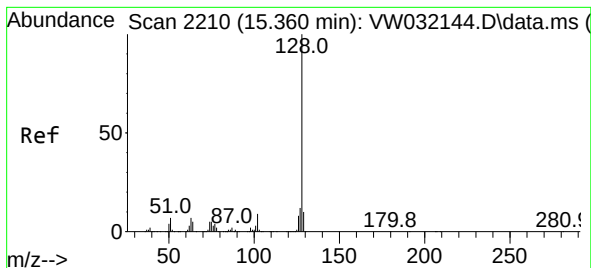
Tgt Ion:180 Resp: 332667
Ion Ratio Lower Upper
180 100
182 99.7 47.4 142.2
145 35.4 16.4 49.1



#94
Hexachlorobutadiene
Concen: 91.877 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:225 Resp: 155367
Ion Ratio Lower Upper
225 100
223 64.6 29.8 89.3
227 68.0 30.5 91.5

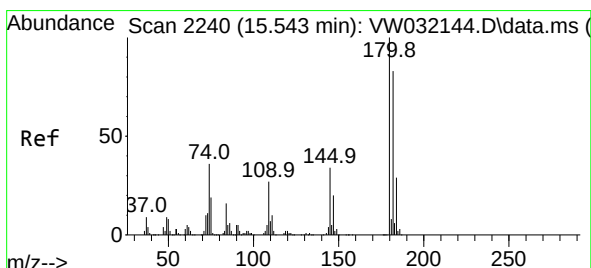
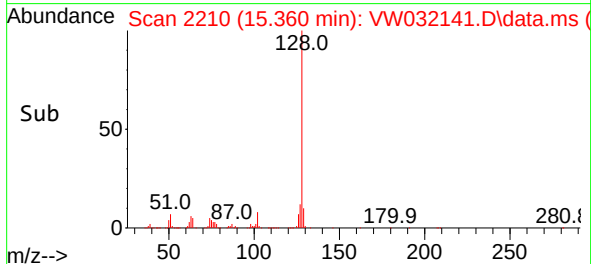
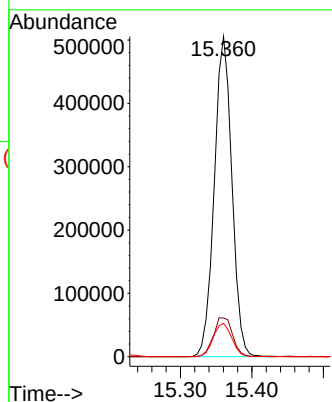
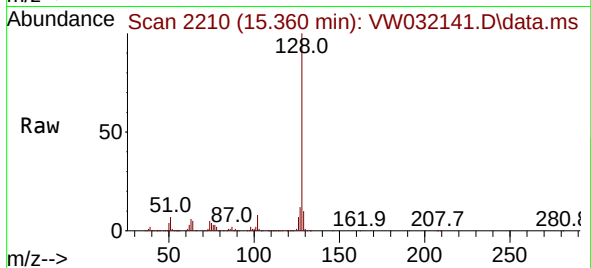




#95
Naphthalene
Concen: 112.125 ug/l
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 865221
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 102.222 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:180 Resp: 324145
Ion Ratio Lower Upper
180 100
182 91.9 47.7 143.1
145 34.6 17.2 51.6

