

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032056.D
 Acq On : 11 Aug 2025 10:46
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 12 03:39:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 03:34:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	221384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	424901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	387705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	315411	98.509	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 197.020%#	
35) Dibromofluoromethane	7.898	113	266117	96.945	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 193.900%#	
50) Toluene-d8	10.325	98	1005940	99.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 198.160%#	
62) 4-Bromofluorobenzene	12.617	95	372416	99.536	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 199.080%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.040	85	140330	88.627	ug/l	100
3) Chloromethane	2.253	50	200261	93.894	ug/l	99
4) Vinyl Chloride	2.405	62	239040	92.654	ug/l	94
5) Bromomethane	2.820	94	182687	94.386	ug/l	96
6) Chloroethane	2.966	64	164961	96.628	ug/l	98
7) Trichlorofluoromethane	3.295	101	182663	88.382	ug/l	96
8) Diethyl Ether	3.716	74	164632	97.227	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	224293	91.988	ug/l	100
10) Methyl Iodide	4.301	142	336162	97.237	ug/l	99
11) Tert butyl alcohol	5.216	59	99671	480.735	ug/l	100
12) 1,1-Dichloroethene	4.070	96	251341	93.615	ug/l	92
13) Acrolein	3.923	56	148403	449.230	ug/l	100
14) Allyl chloride	4.698	41	385062	98.543	ug/l	99
15) Acrylonitrile	5.393	53	388290	481.445	ug/l	99
16) Acetone	4.155	43	328664	443.358	ug/l	100
17) Carbon Disulfide	4.417	76	693616	96.248	ug/l	97
18) Methyl Acetate	4.704	43	218695	93.230	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	473924	100.184	ug/l	99
20) Methylene Chloride	4.954	84	285049	83.165	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	281466	98.787	ug/l	98
22) Diisopropyl ether	6.332	45	829703	100.722	ug/l	98
23) Vinyl Acetate	6.277	43	2803250	518.312	ug/l	100
24) 1,1-Dichloroethane	6.240	63	519360	98.678	ug/l	99
25) 2-Butanone	7.191	43	515739	489.508	ug/l	99
26) 2,2-Dichloropropane	7.185	77	249271	94.405	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	343091	103.016	ug/l	97
28) Bromochloromethane	7.526	49	230727	96.333	ug/l	100
29) Tetrahydrofuran	7.551	42	338578	487.284	ug/l	99
30) Chloroform	7.685	83	550232	98.613	ug/l	96
31) Cyclohexane	7.965	56	416558	91.292	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	384671	94.913	ug/l	99
36) 1,1-Dichloropropene	8.093	75	373215	96.444	ug/l	99
37) Ethyl Acetate	7.270	43	221929	97.375	ug/l	99
38) Carbon Tetrachloride	8.081	117	362373	97.035	ug/l	91
39) Methylcyclohexane	9.337	83	459134	97.342	ug/l	97
40) Benzene	8.331	78	1160107	96.444	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	135773	105.048	ug/l	97
42) 1,2-Dichloroethane	8.410	62	364674	94.743	ug/l	100
43) Isopropyl Acetate	8.435	43	413211	98.543	ug/l	99
44) Trichloroethene	9.093	130	270995	94.602	ug/l	99
45) 1,2-Dichloropropane	9.374	63	278124	95.707	ug/l	99
46) Dibromomethane	9.465	93	177966	94.888	ug/l	98
47) Bromodichloromethane	9.648	83	422958	97.867	ug/l	98
48) Methyl methacrylate	9.441	41	202632	100.098	ug/l	98
49) 1,4-Dioxane	9.459	88	46383	1912.696	ug/l	99
51) 4-Methyl-2-Pentanone	10.209	43	1127080	476.209	ug/l	99
52) Toluene	10.386	92	753592	99.464	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	410734	101.442	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	468972	102.096	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	239507	96.099	ug/l	97
56) Ethyl methacrylate	10.642	69	348446	104.477	ug/l	99
57) 1,3-Dichloropropane	10.934	76	412949	95.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	948129	513.956	ug/l	99
59) 2-Hexanone	10.965	43	793810	484.283	ug/l	99
60) Dibromochloromethane	11.129	129	282060	99.074	ug/l	99
61) 1,2-Dibromoethane	11.233	107	240542	99.317	ug/l	99
64) Tetrachloroethene	10.867	164	213297	95.247	ug/l	94
65) Chlorobenzene	11.654	112	808609	95.819	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	253284	96.197	ug/l	97
67) Ethyl Benzene	11.727	91	1418619	99.243	ug/l	96
68) m/p-Xylenes	11.837	106	1089143	197.459	ug/l	97
69) o-Xylene	12.166	106	523329	102.652	ug/l	97
70) Styrene	12.178	104	916019	101.158	ug/l	100
71) Bromoform	12.349	173	145781	96.794	ug/l #	92
73) Isopropylbenzene	12.458	105	1299533	102.870	ug/l	100
74) N-amyl acetate	12.269	43	378722	104.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	286977	95.677	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	363264	130.728	ug/l	61
77) Bromobenzene	12.745	156	311049	103.091	ug/l	96
78) n-propylbenzene	12.800	91	1589147	102.177	ug/l	99
79) 2-Chlorotoluene	12.891	91	974324	101.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	1092987	101.912	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	98906	104.370	ug/l	98
82) 4-Chlorotoluene	12.983	91	1013836	99.412	ug/l	99
83) tert-Butylbenzene	13.202	119	922044	103.591	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	1089327	99.778	ug/l	96
85) sec-Butylbenzene	13.379	105	1372324	101.978	ug/l	98
86) p-Isopropyltoluene	13.495	119	1128935	100.630	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	572145	95.298	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	587417	96.819	ug/l	99
89) n-Butylbenzene	13.818	91	1103362	101.235	ug/l	99
90) Hexachloroethane	14.086	117	204823	99.832	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	524204	96.387	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	50993	95.632	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	338661	104.094	ug/l	97
94) Hexachlorobutadiene	15.226	225	138434	95.189	ug/l	98
95) Naphthalene	15.360	128	841296	105.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	313033	105.748	ug/l	99

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ClientSampleId :
VSTDICC100

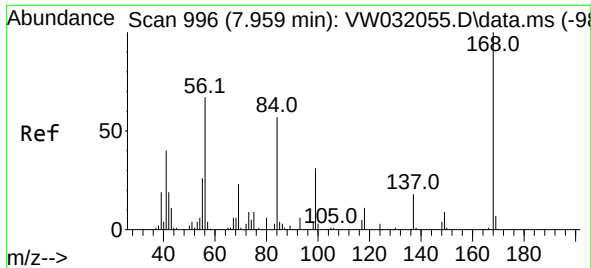
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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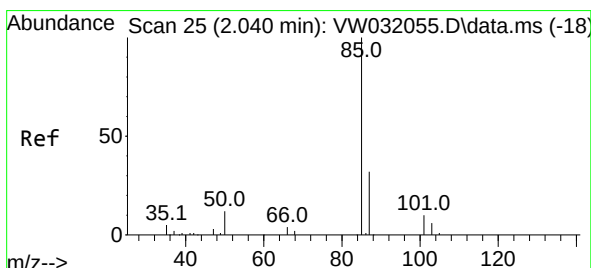
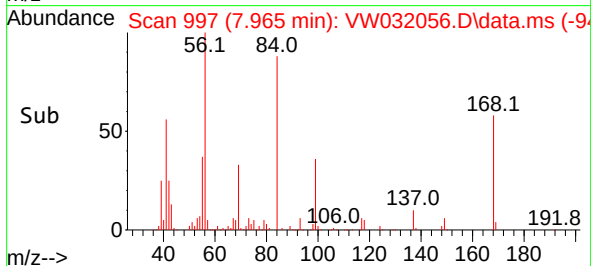
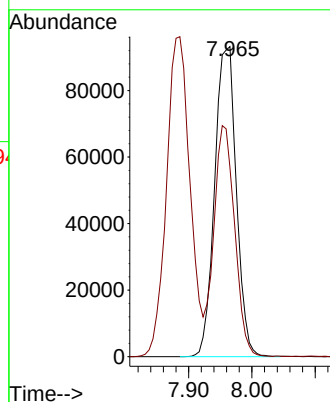
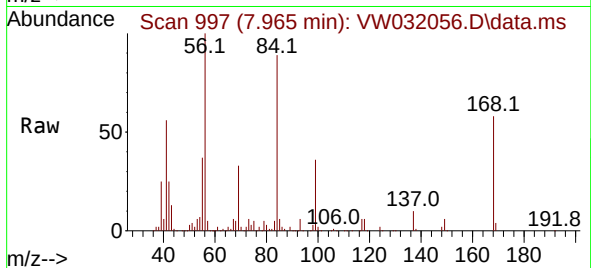




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW032056.D
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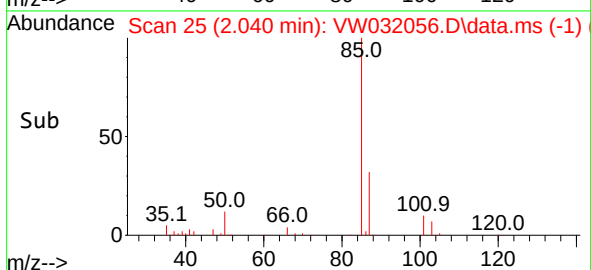
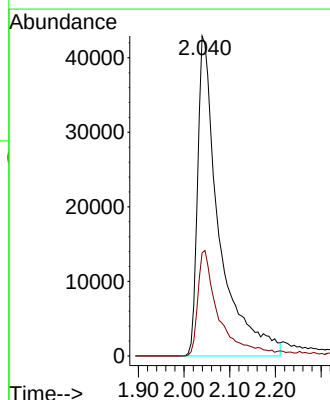
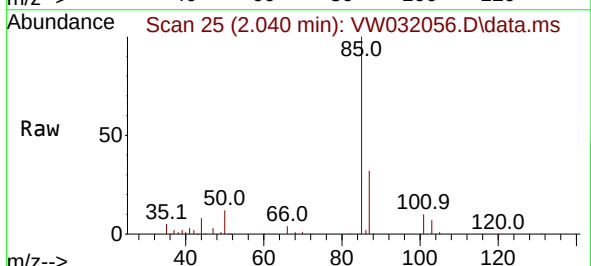
Instrument :
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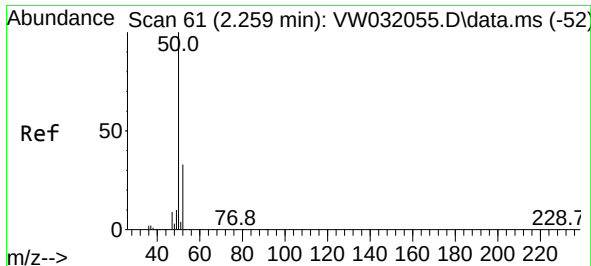
Tgt Ion:168 Resp: 221384
Ion Ratio Lower Upper
168 100
99 60.8 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 88.627 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 85 Resp: 140330
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

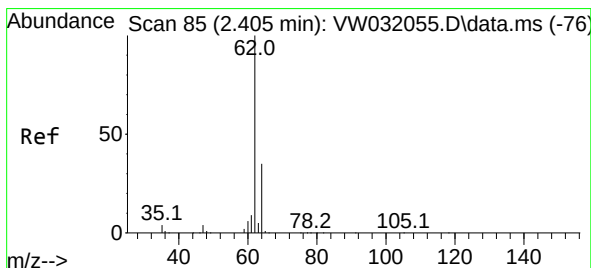
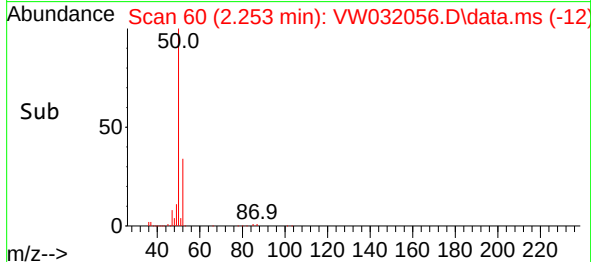
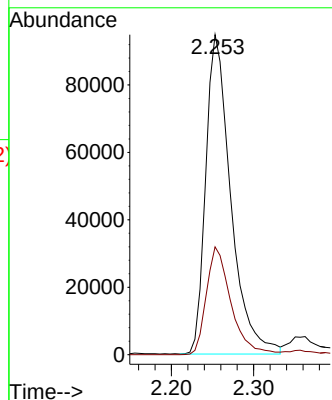
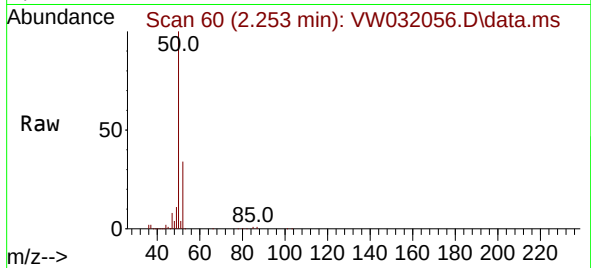




#3
Chloromethane
Concen: 93.894 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

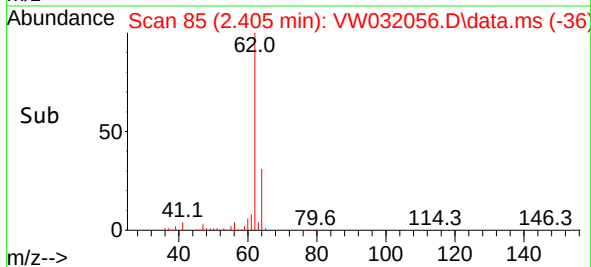
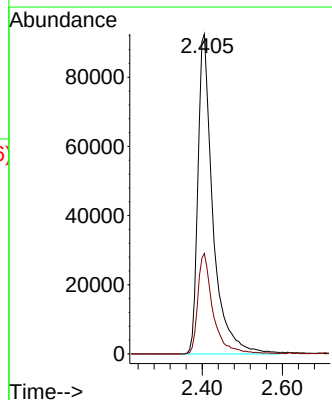
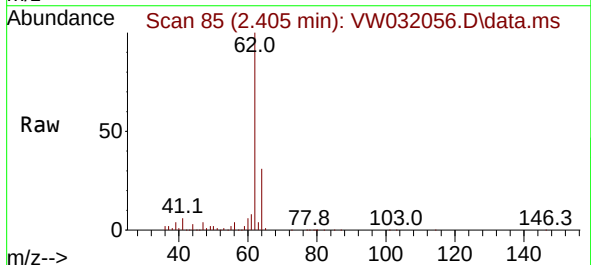
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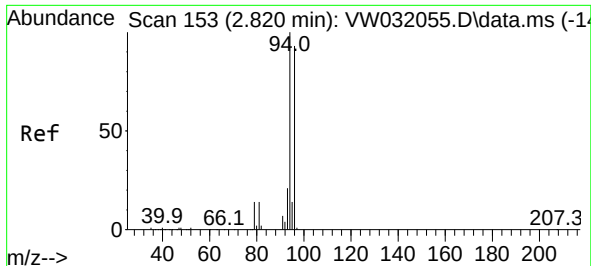
Tgt Ion: 50 Resp: 200261
Ion Ratio Lower Upper
50 100
52 33.8 26.6 39.8



#4
Vinyl Chloride
Concen: 92.654 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 62 Resp: 239040
Ion Ratio Lower Upper
62 100
64 31.3 27.8 41.6

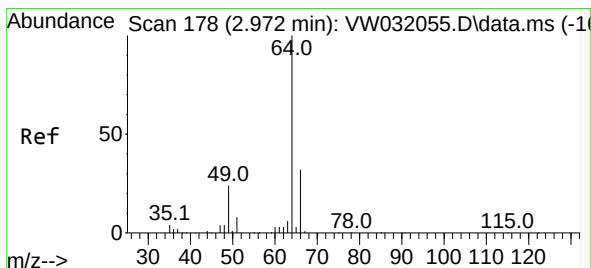
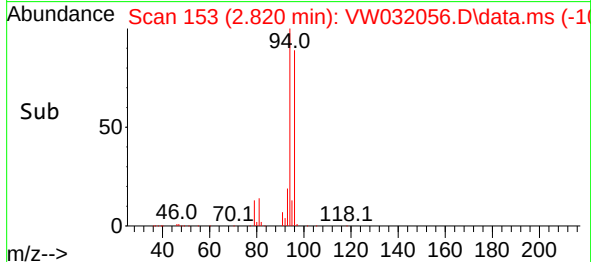
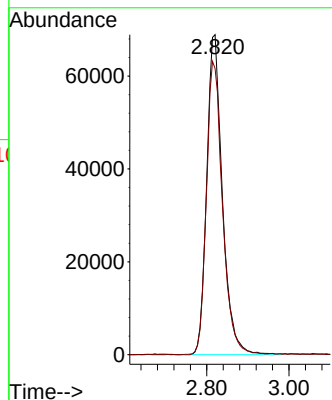
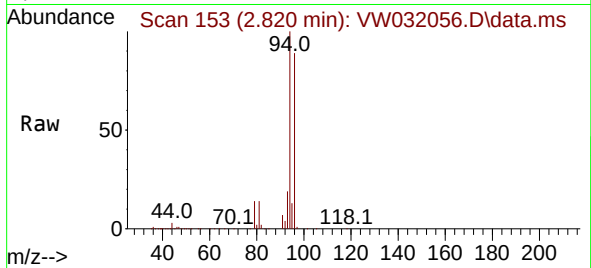




#5
Bromomethane
Concen: 94.386 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

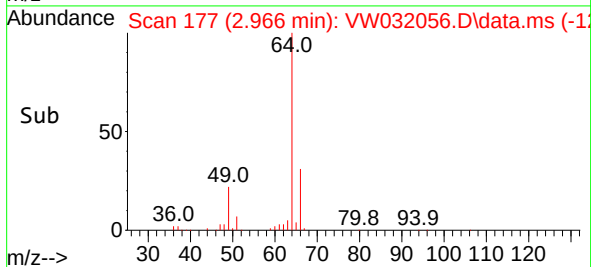
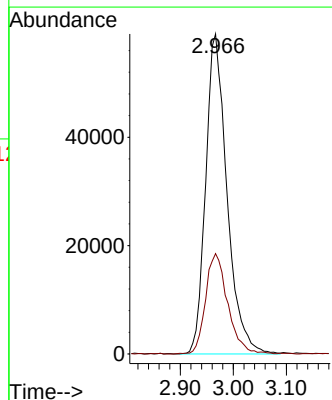
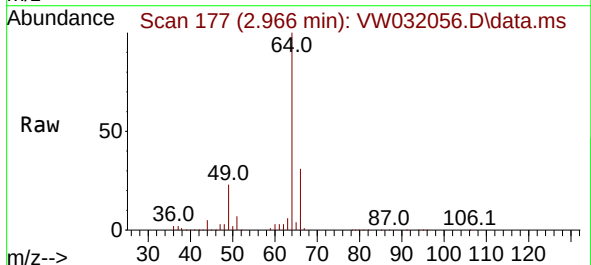
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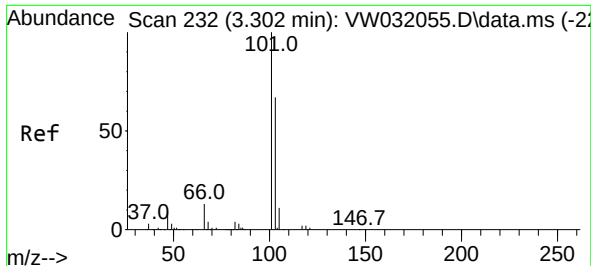
Tgt Ion: 94 Resp: 182687
Ion Ratio Lower Upper
94 100
96 89.4 74.7 112.1



#6
Chloroethane
Concen: 96.628 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 64 Resp: 164961
Ion Ratio Lower Upper
64 100
66 31.1 26.0 39.0

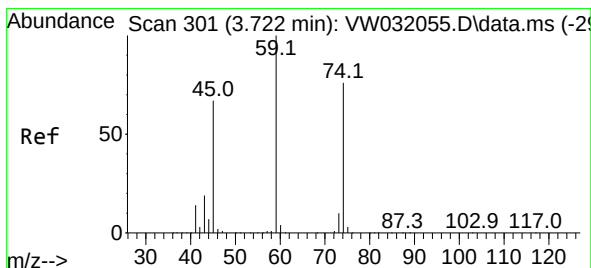
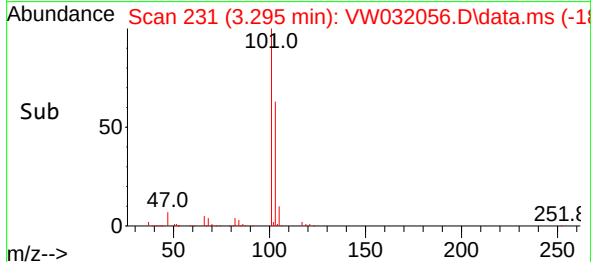
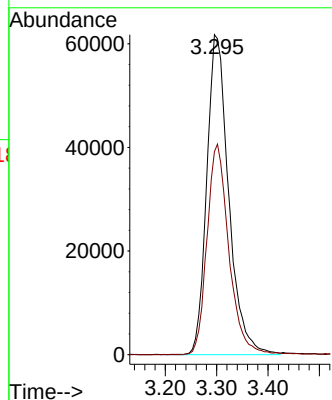
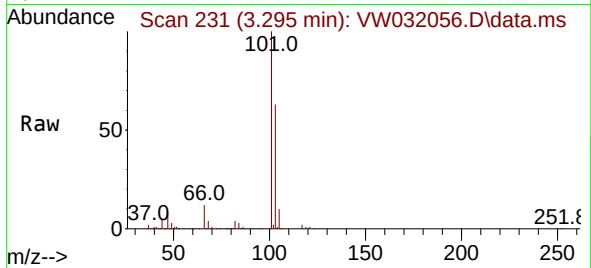




#7
 Trichlorofluoromethane
 Concen: 88.382 ug/l
 RT: 3.295 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

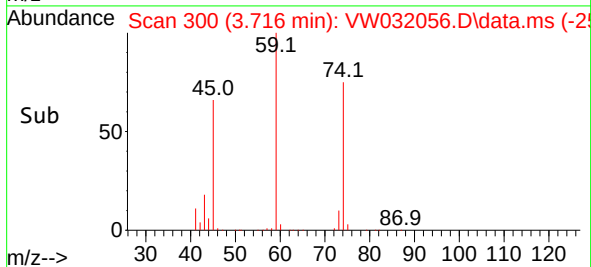
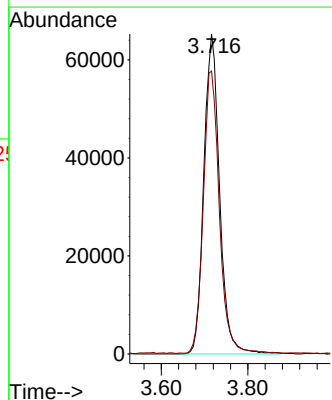
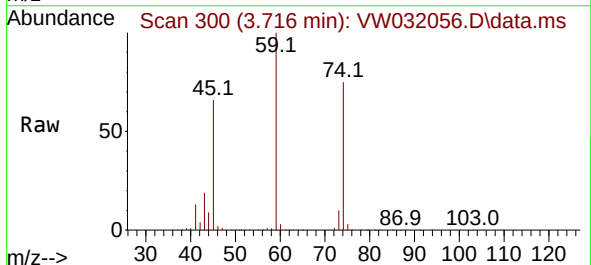
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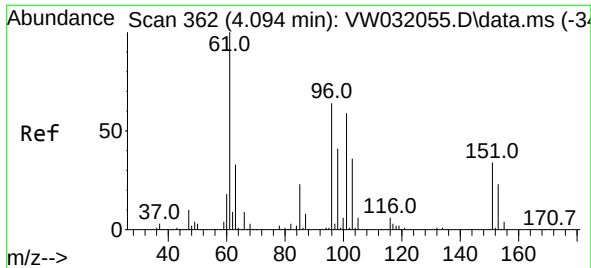
Tgt Ion:101 Resp: 182663
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.4 80.0



#8
 Diethyl Ether
 Concen: 97.227 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

Tgt Ion: 74 Resp: 164632
 Ion Ratio Lower Upper
 74 100
 45 90.1 45.4 136.2

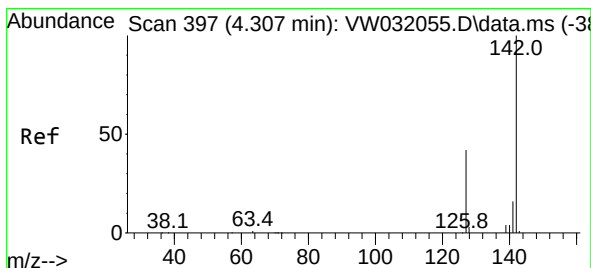
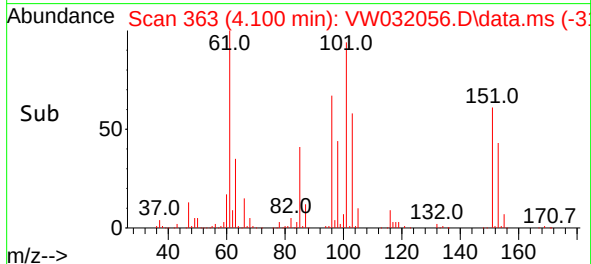
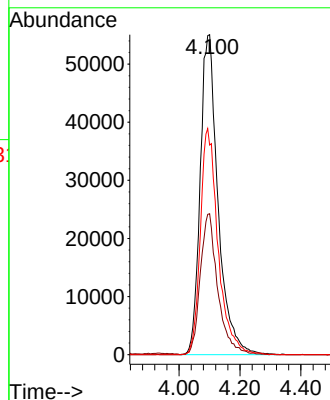
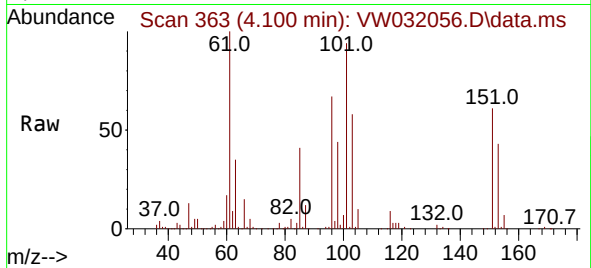




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 91.988 ug/l
 RT: 4.100 min Scan# 363
 Delta R.T. 0.006 min
 Lab File: VW032056.D
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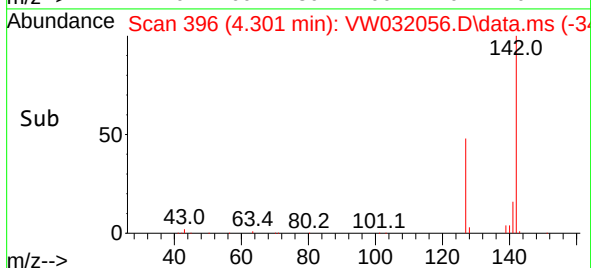
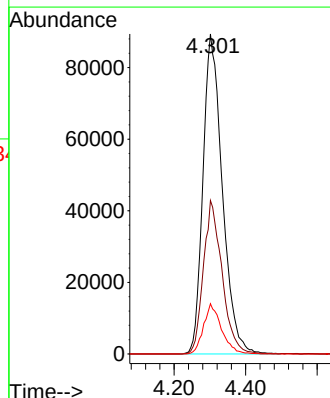
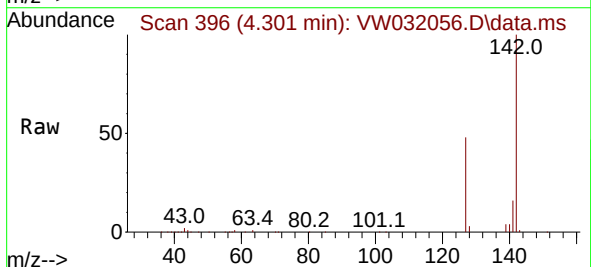
Instrument :
 MSVOA_W
 ClientSampleId :
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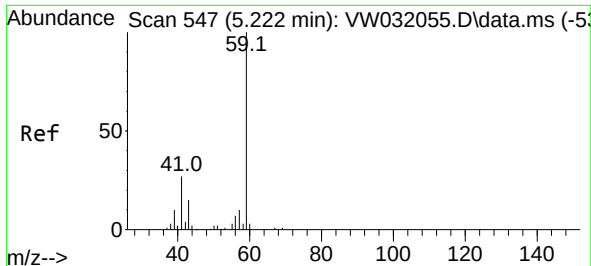
Tgt Ion:101 Resp: 224293
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.9 52.3
 151 70.2 56.2 84.4



#10
 Methyl Iodide
 Concen: 97.237 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

Tgt Ion:142 Resp: 336162
 Ion Ratio Lower Upper
 142 100
 127 46.2 36.6 55.0
 141 14.5 12.1 18.1

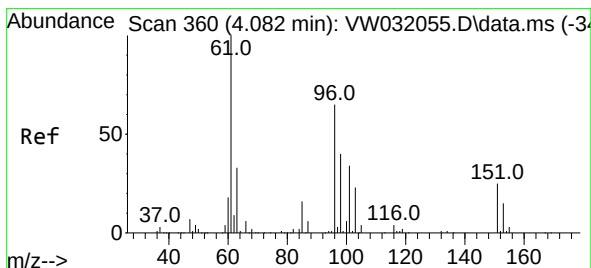
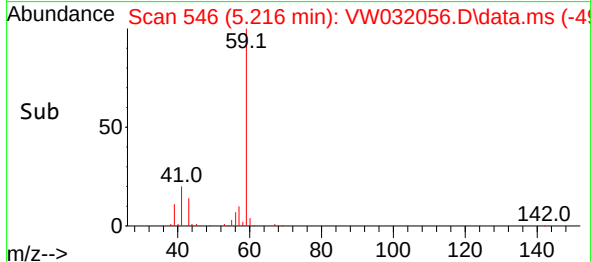
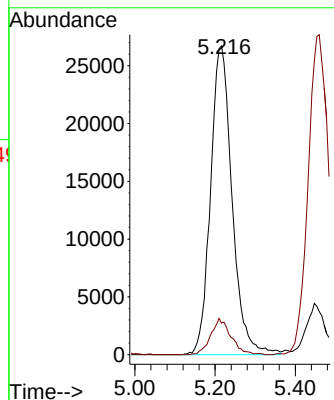
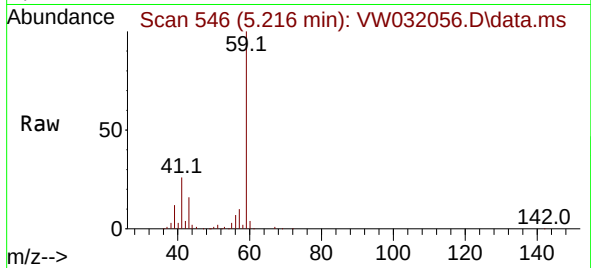




#11
Tert butyl alcohol
Concen: 480.735 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

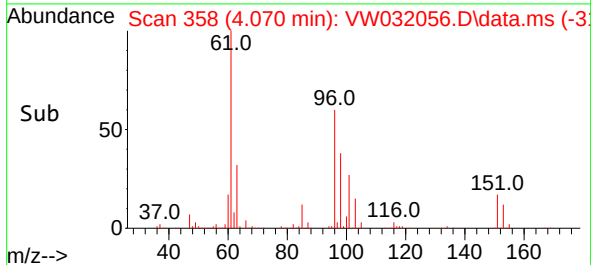
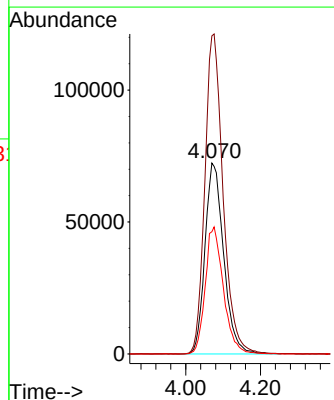
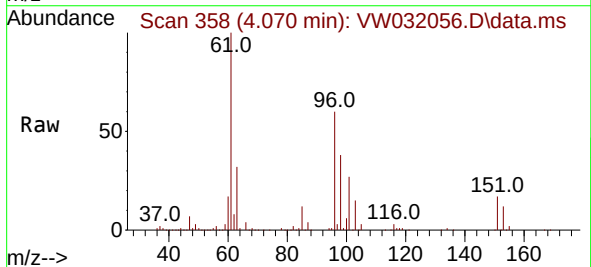
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

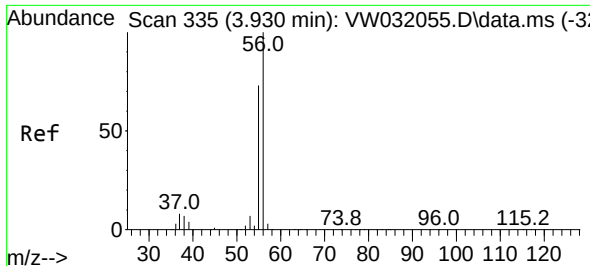
Tgt Ion: 59 Resp: 99671
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#12
1,1-Dichloroethene
Concen: 93.615 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.012 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 96 Resp: 251341
Ion Ratio Lower Upper
96 100
61 166.5 123.4 185.2
98 64.0 49.5 74.3

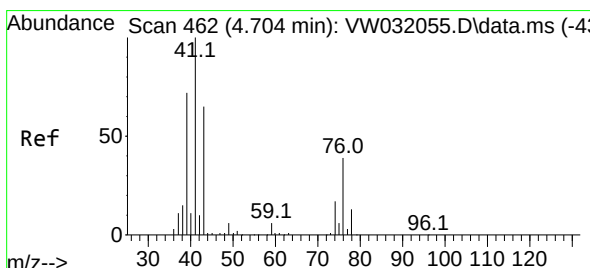
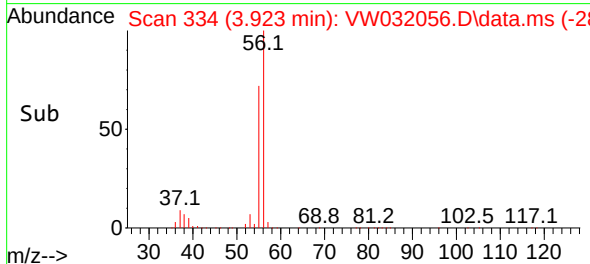
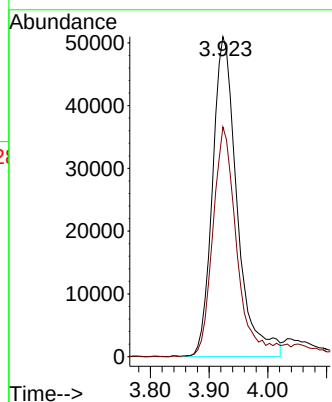
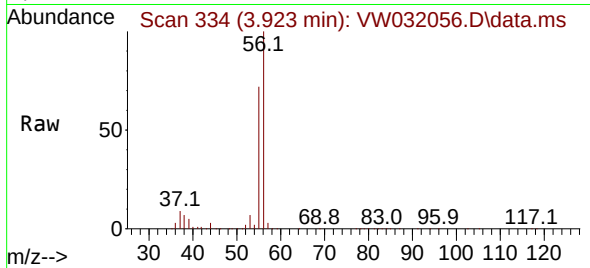




#13
Acrolein
Concen: 449.230 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

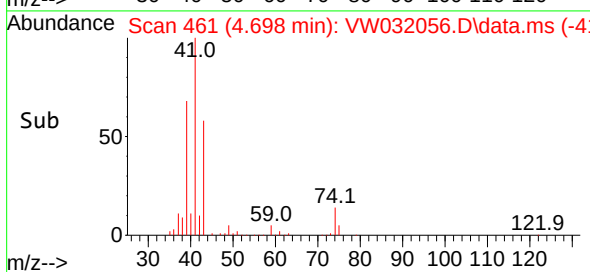
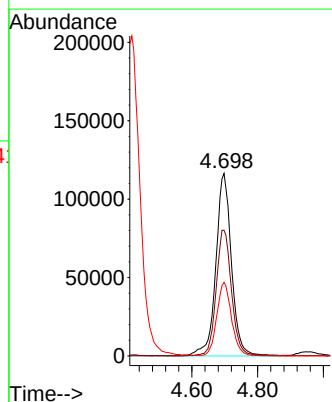
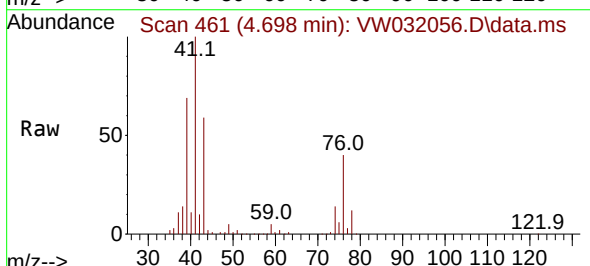
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

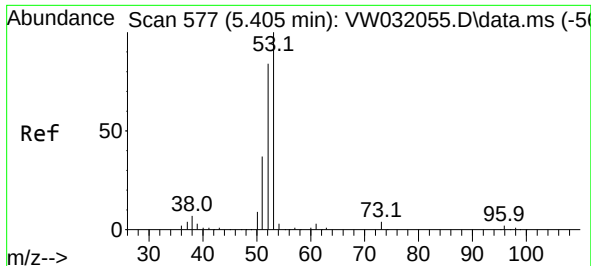
Tgt Ion: 56 Resp: 148403
Ion Ratio Lower Upper
56 100
55 69.0 55.4 83.2



#14
Allyl chloride
Concen: 98.543 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 41 Resp: 385062
Ion Ratio Lower Upper
41 100
39 67.5 54.5 81.7
76 37.8 29.3 43.9

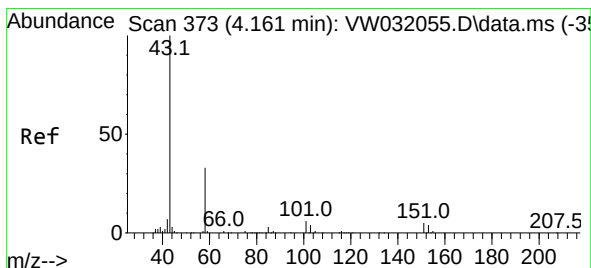
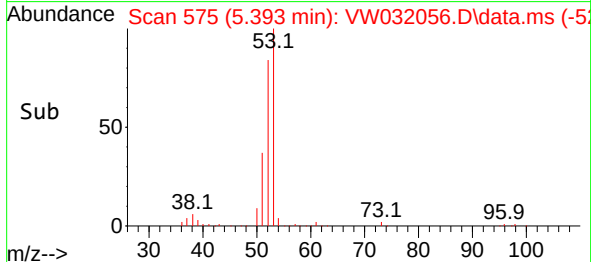
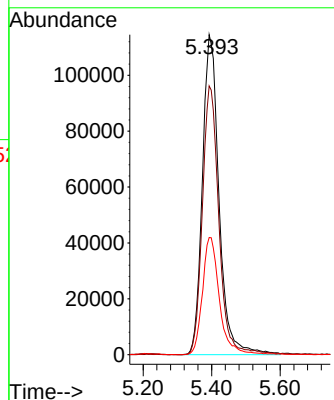
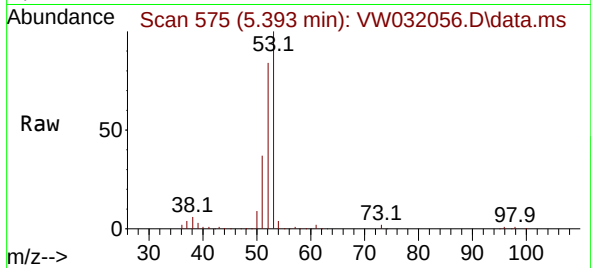




#15
Acrylonitrile
Concen: 481.445 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

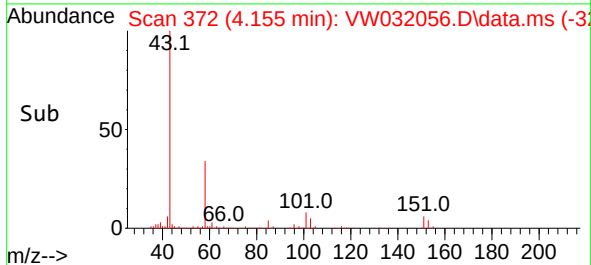
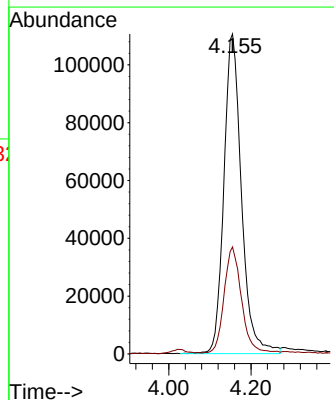
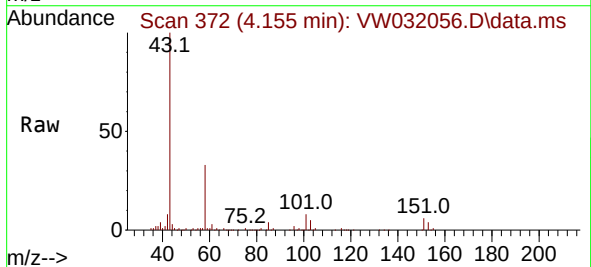
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

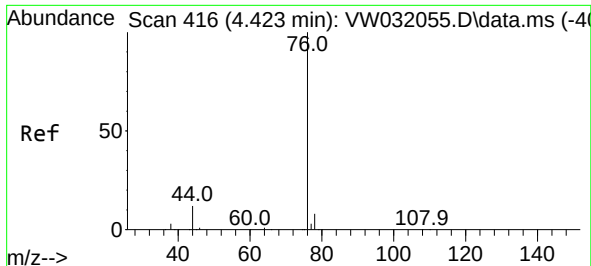
Tgt Ion: 53 Resp: 388290
Ion Ratio Lower Upper
53 100
52 83.3 66.1 99.1
51 37.3 29.2 43.8



#16
Acetone
Concen: 443.358 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 43 Resp: 328664
Ion Ratio Lower Upper
43 100
58 32.9 26.6 39.8

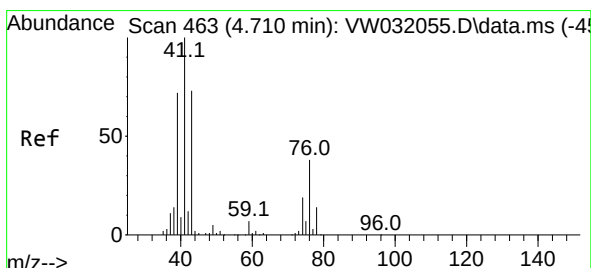
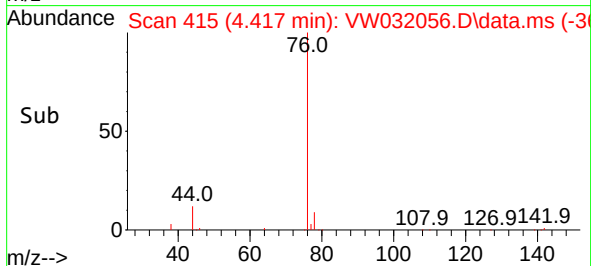
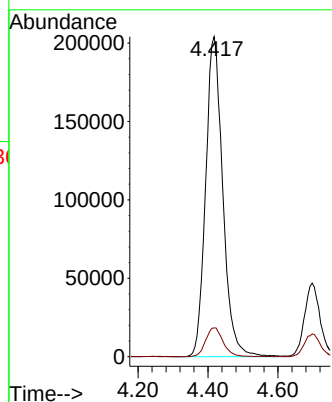
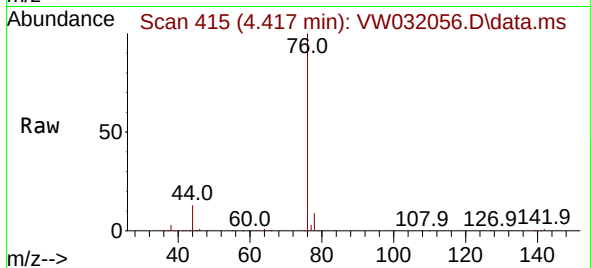




#17
Carbon Disulfide
Concen: 96.248 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

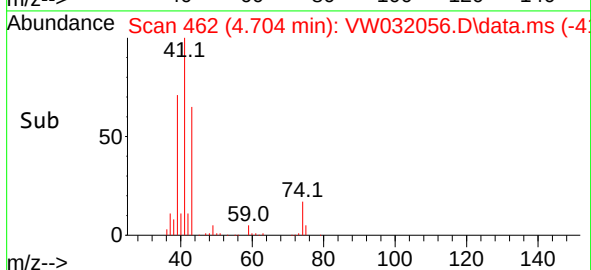
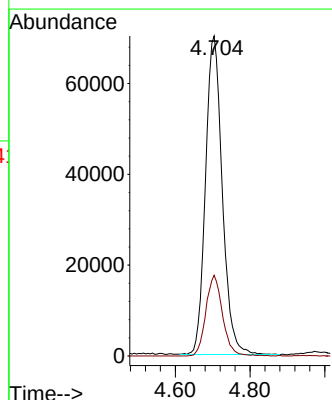
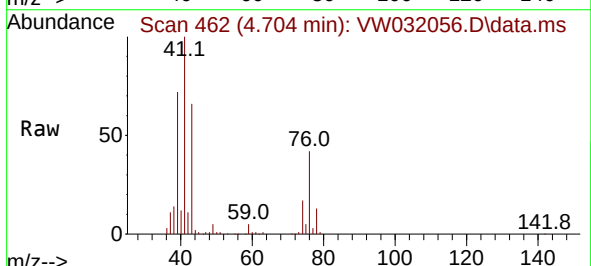
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

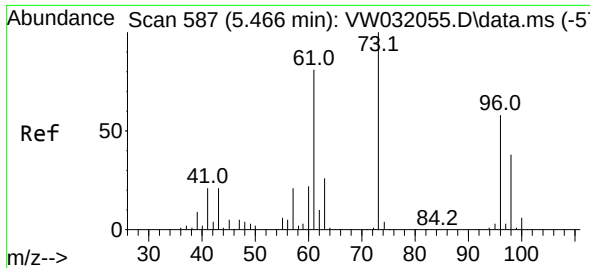
Tgt Ion: 76 Resp: 693616
Ion Ratio Lower Upper
76 100
78 9.0 6.4 9.6



#18
Methyl Acetate
Concen: 93.230 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 43 Resp: 218695
Ion Ratio Lower Upper
43 100
74 25.0 20.6 31.0

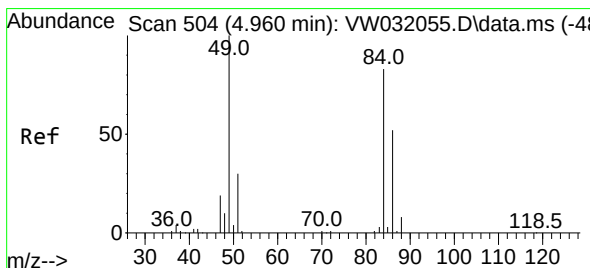
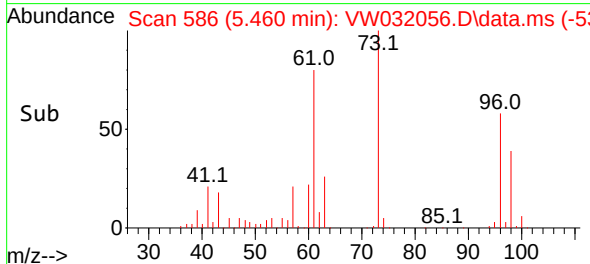
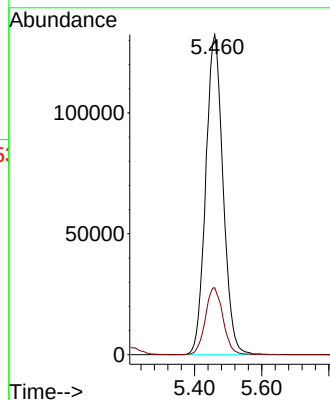
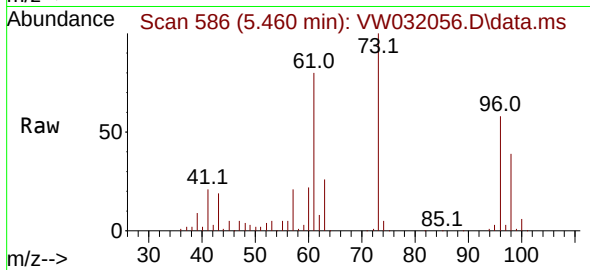




#19
Methyl tert-butyl Ether
Concen: 100.184 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

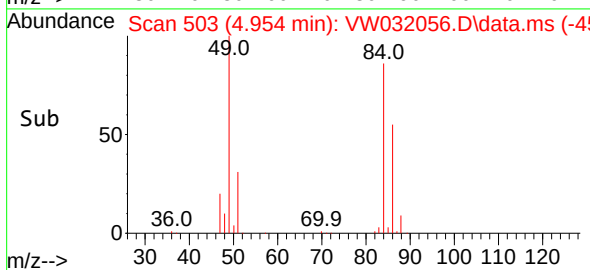
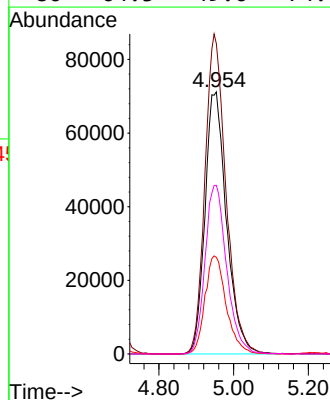
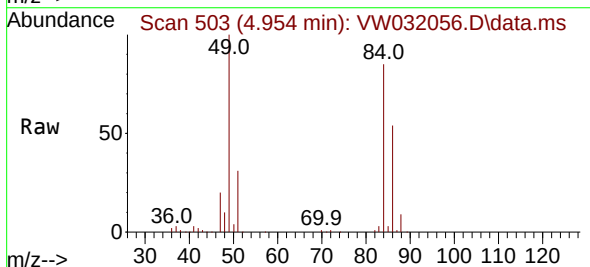
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

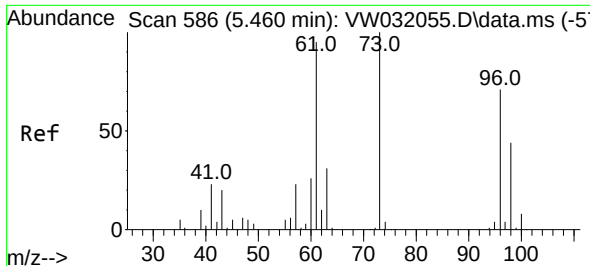
Tgt Ion: 73 Resp: 473924
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#20
Methylene Chloride
Concen: 83.165 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 84 Resp: 285049
Ion Ratio Lower Upper
84 100
49 118.3 95.9 143.9
51 36.8 28.6 43.0
86 64.3 49.6 74.4

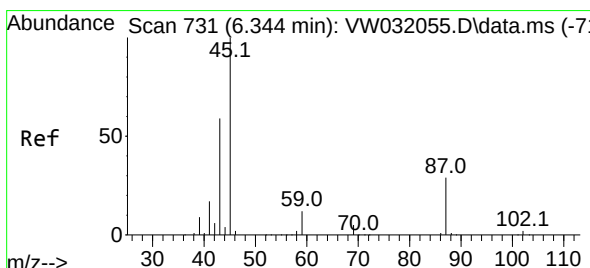
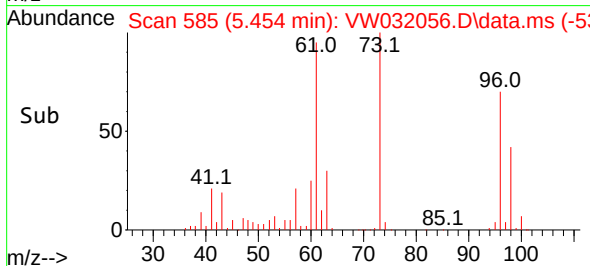
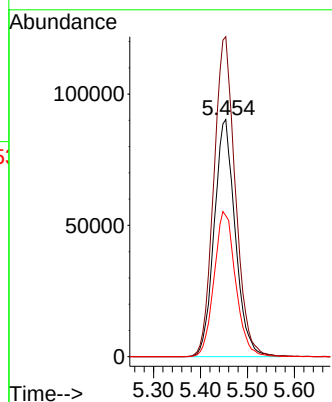
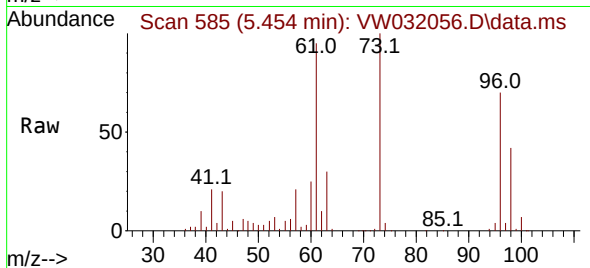




#21
trans-1,2-Dichloroethene
Concen: 98.787 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

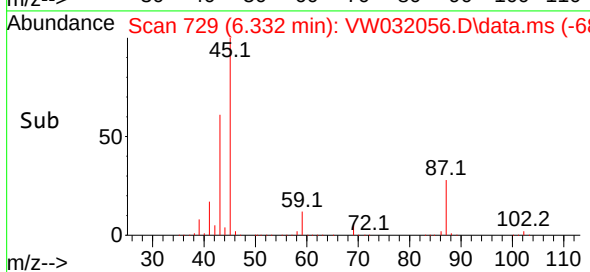
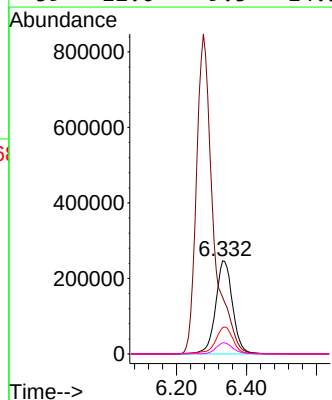
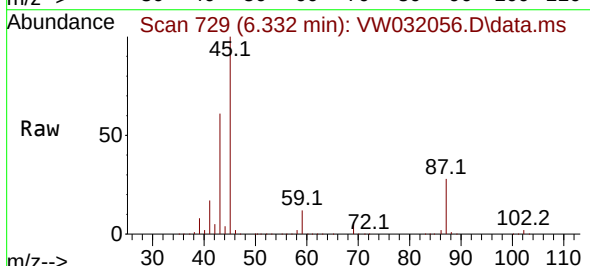
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

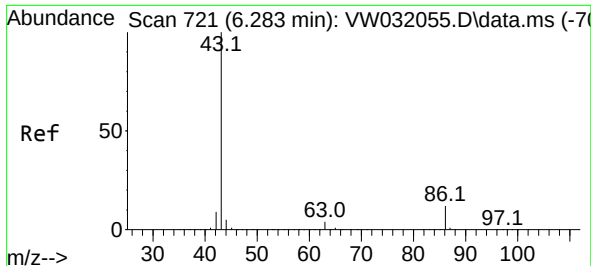
Tgt Ion: 96 Resp: 281466
Ion Ratio Lower Upper
96 100
61 135.0 106.8 160.2
98 59.5 49.6 74.4



#22
Diisopropyl ether
Concen: 100.722 ug/l
RT: 6.332 min Scan# 729
Delta R.T. -0.012 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 45 Resp: 829703
Ion Ratio Lower Upper
45 100
43 60.8 47.0 70.4
87 28.3 23.8 35.8
59 12.0 9.5 14.3

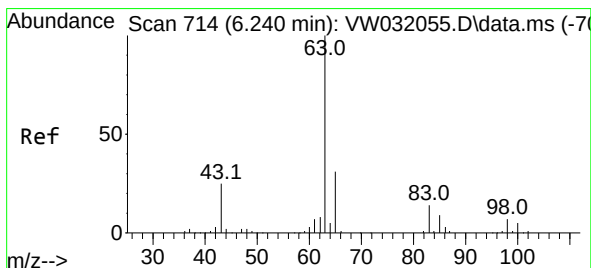
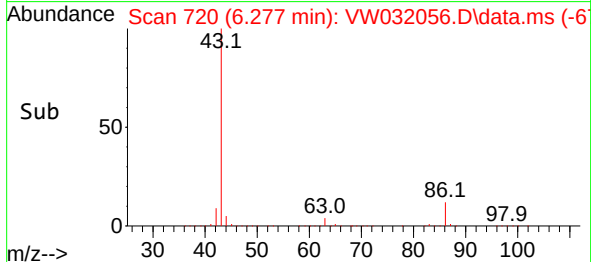
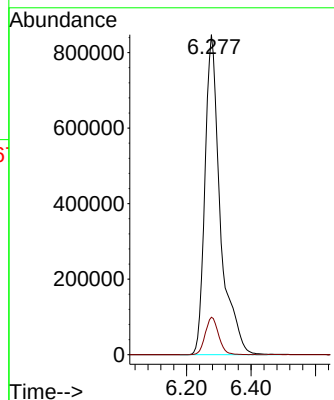
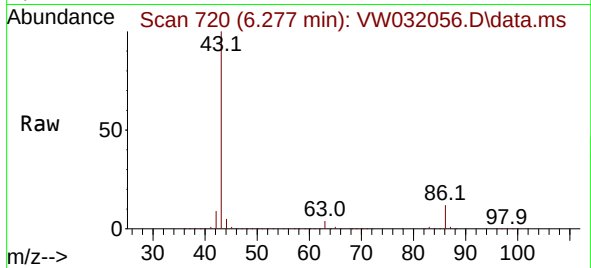




#23
 Vinyl Acetate
 Concen: 518.312 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

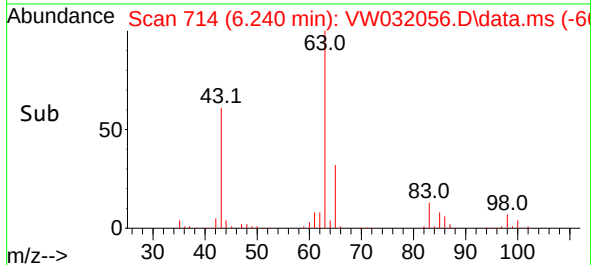
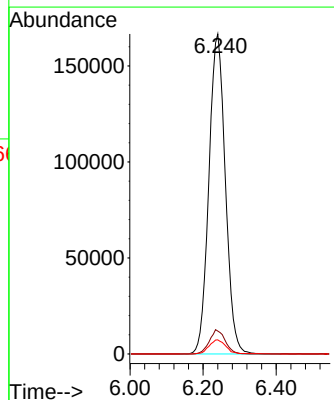
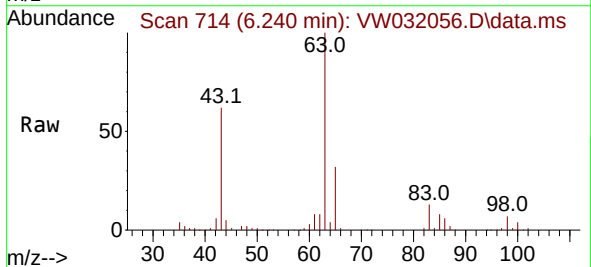
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

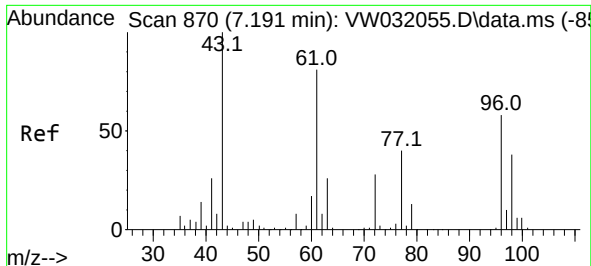
Tgt Ion: 43 Resp: 2803250
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 98.678 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

Tgt Ion: 63 Resp: 519360
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.4 2.5 7.4

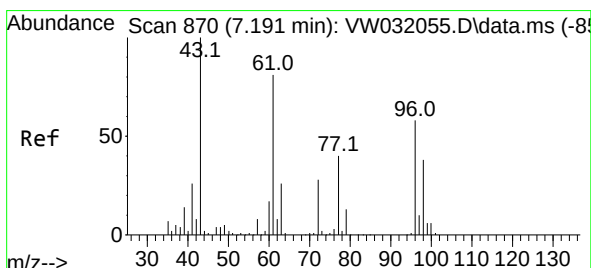
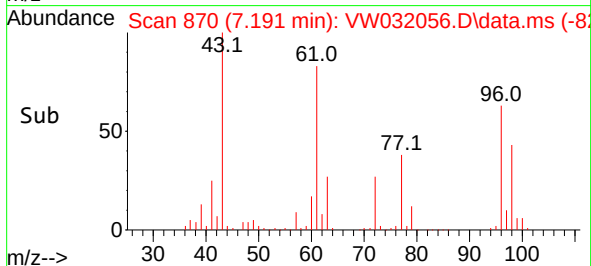
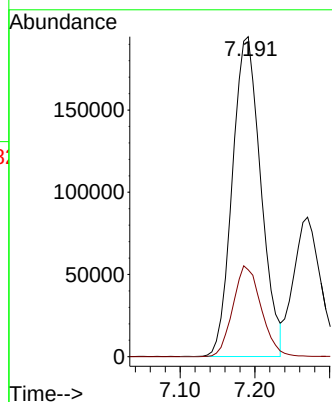
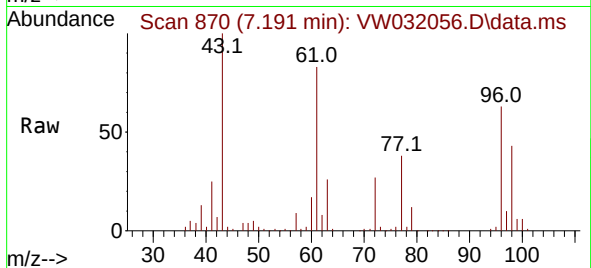




#25
2-Butanone
Concen: 489.508 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

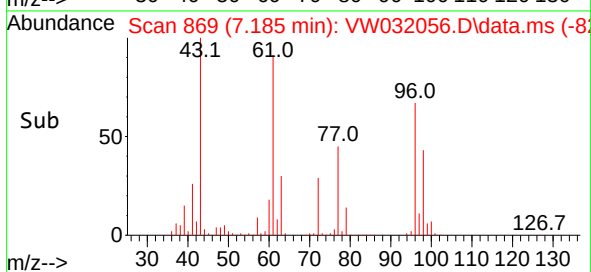
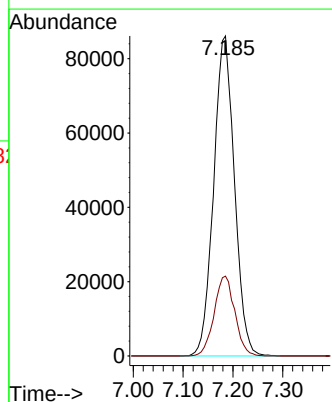
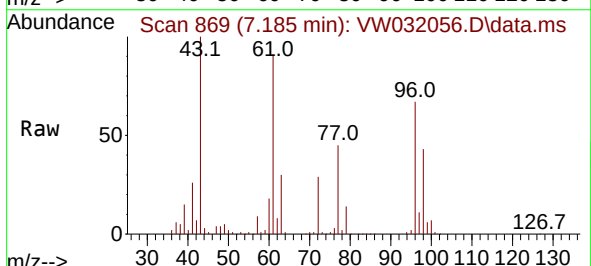
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

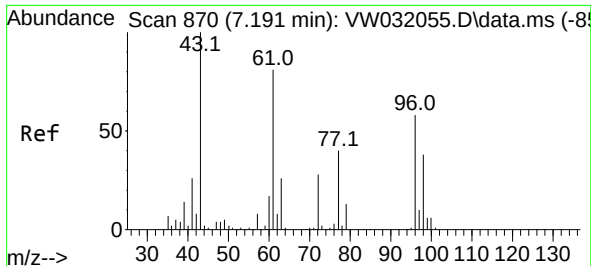
Tgt Ion: 43 Resp: 515739
Ion Ratio Lower Upper
43 100
72 27.1 22.3 33.5



#26
2,2-Dichloropropane
Concen: 94.405 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 77 Resp: 249271
Ion Ratio Lower Upper
77 100
97 24.8 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 103.016 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

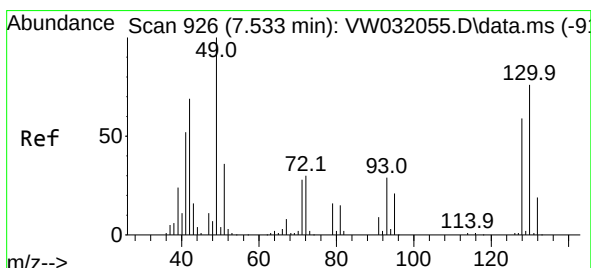
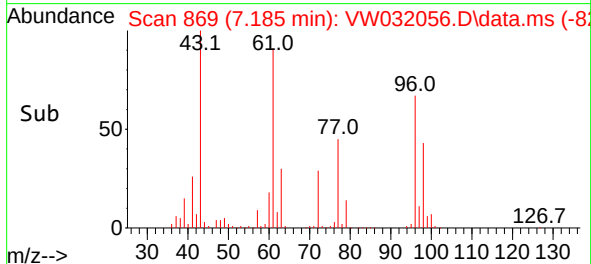
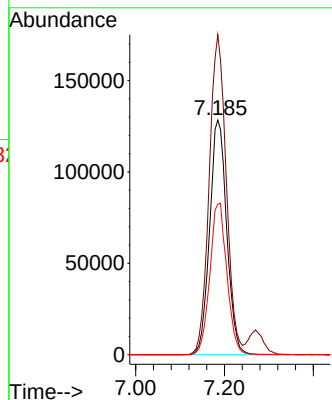
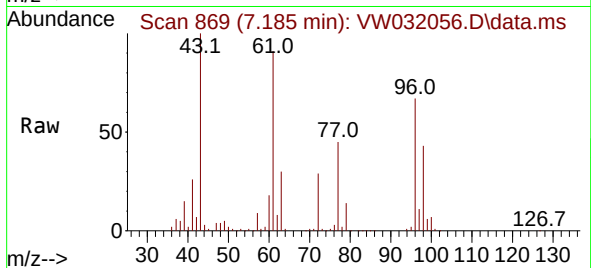
Tgt Ion: 96 Resp: 343091

Ion Ratio Lower Upper

96 100

61 136.1 0.0 281.2

98 64.5 0.0 130.8



#28

Bromochloromethane

Concen: 96.333 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

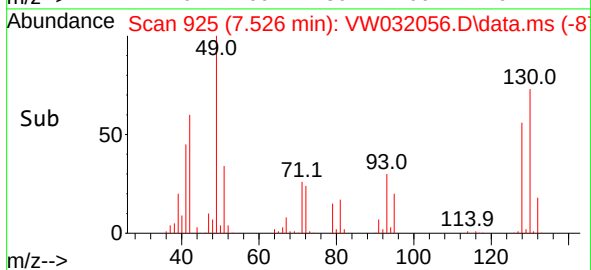
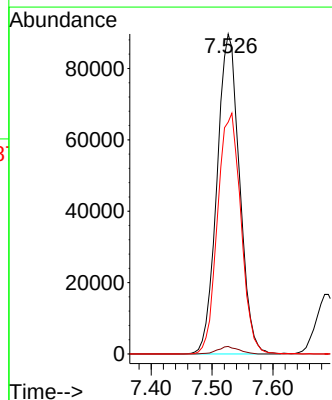
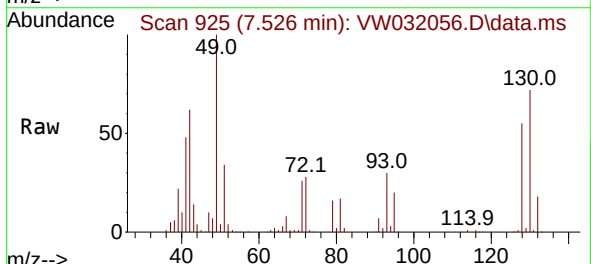
Tgt Ion: 49 Resp: 230727

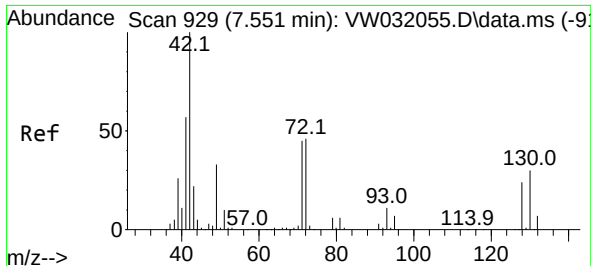
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 77.8 61.9 92.9





#29

Tetrahydrofuran

Concen: 487.284 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

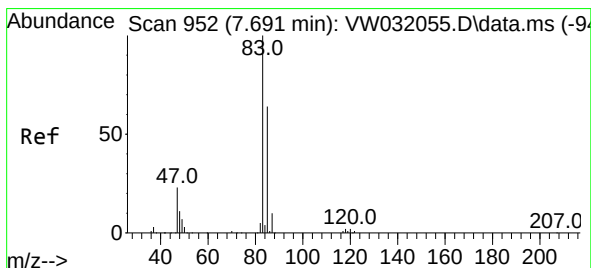
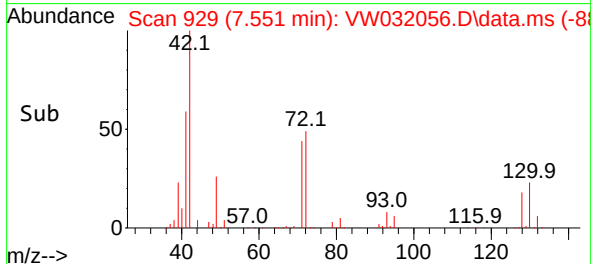
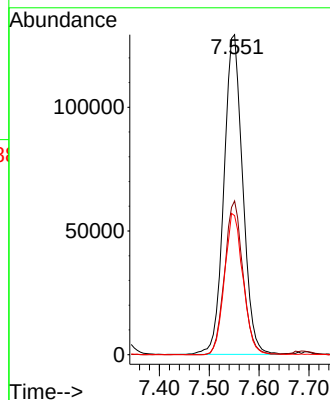
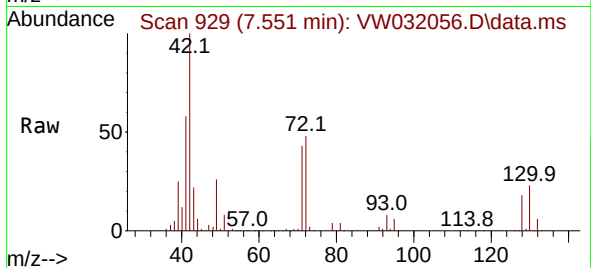
Tgt Ion: 42 Resp: 338578

Ion Ratio Lower Upper

42 100

72 47.0 36.6 55.0

71 43.6 34.7 52.1



#30

Chloroform

Concen: 98.613 ug/l

RT: 7.685 min Scan# 951

Delta R.T. -0.006 min

Lab File: VW032056.D

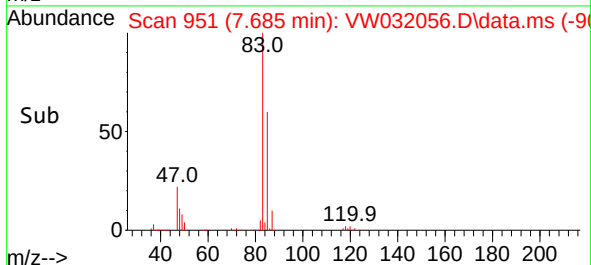
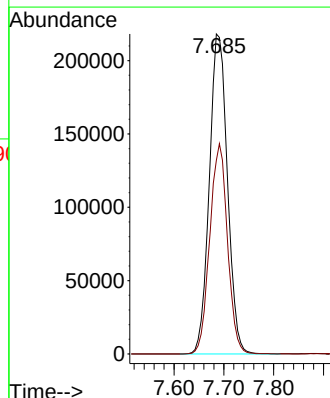
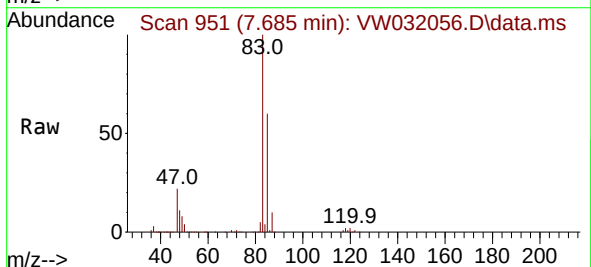
Acq: 11 Aug 2025 10:46

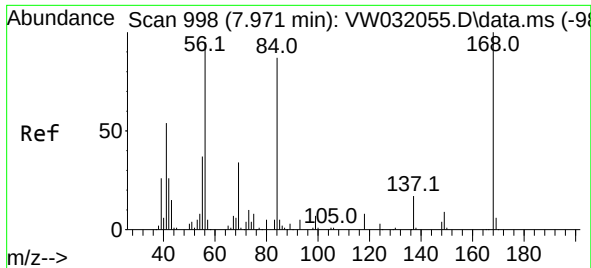
Tgt Ion: 83 Resp: 550232

Ion Ratio Lower Upper

83 100

85 60.5 51.0 76.4

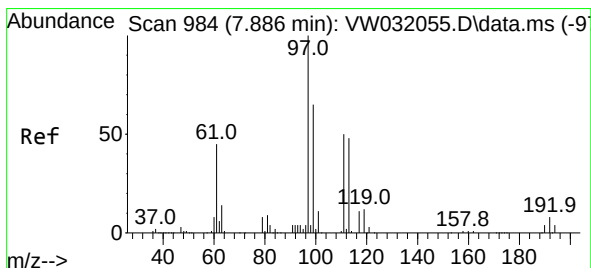
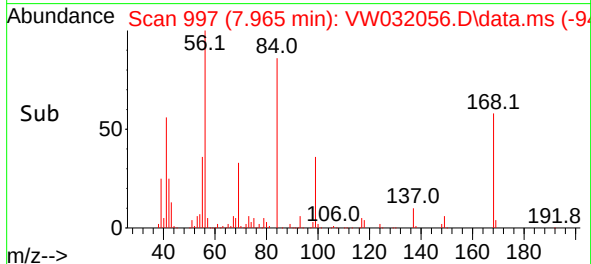
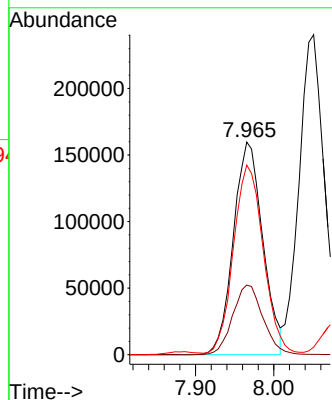
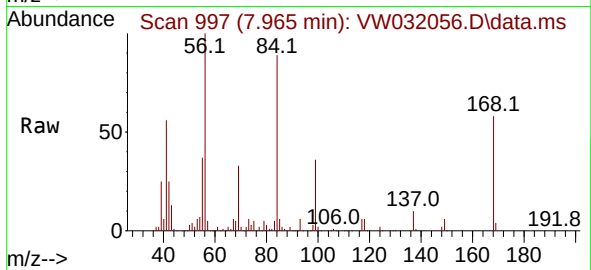




#31
Cyclohexane
Concen: 91.292 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

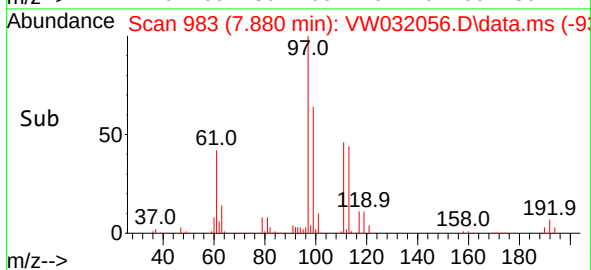
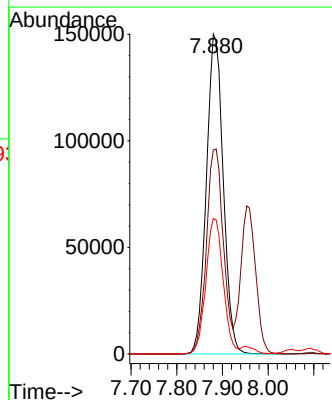
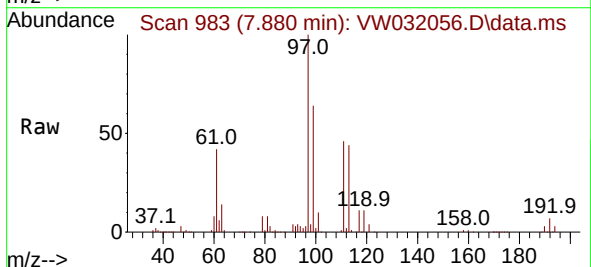
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

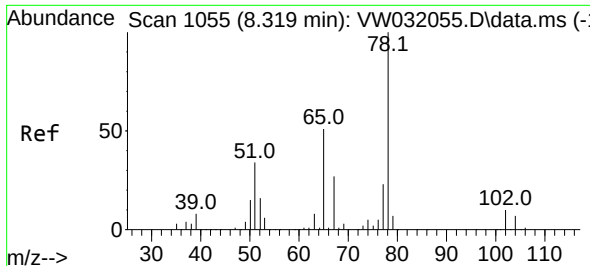
Tgt Ion: 56 Resp: 416558
Ion Ratio Lower Upper
56 100
69 32.8 28.6 42.8
84 87.9 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 94.913 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 97 Resp: 384671
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 43.3 35.9 53.9

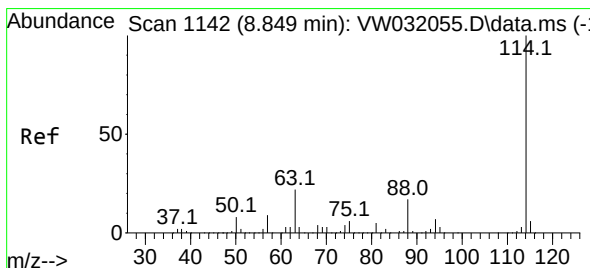
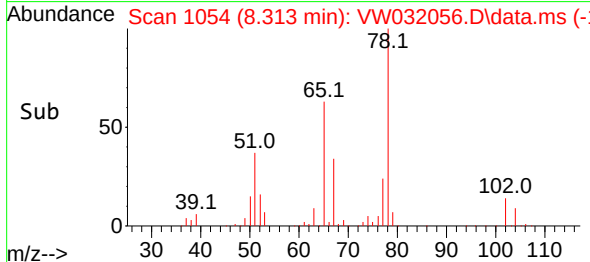
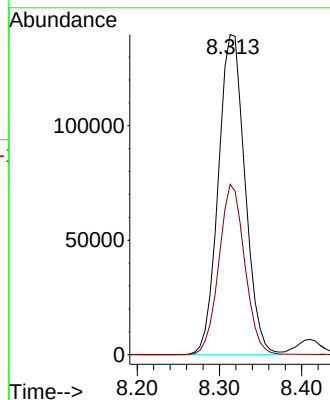
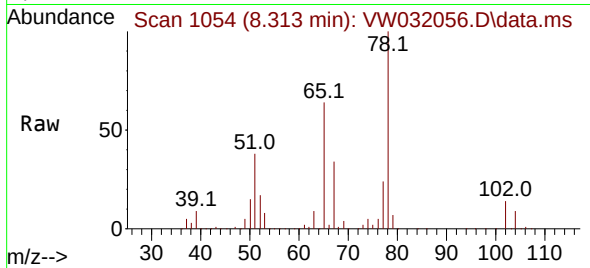




#33
 1,2-Dichloroethane-d4
 Concen: 98.509 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

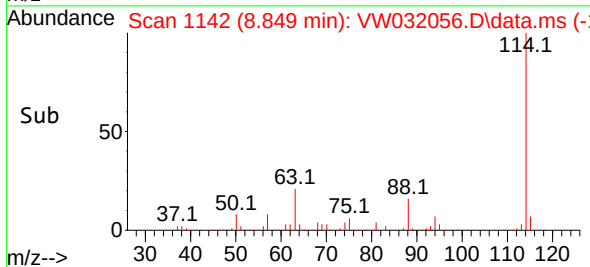
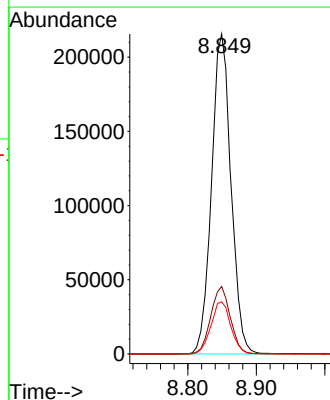
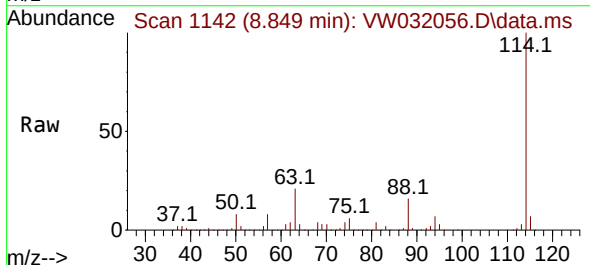
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

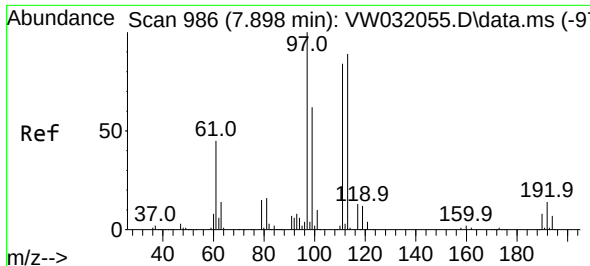
Tgt Ion: 65 Resp: 315411
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

Tgt Ion: 114 Resp: 424901
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 16.3 0.0 33.8

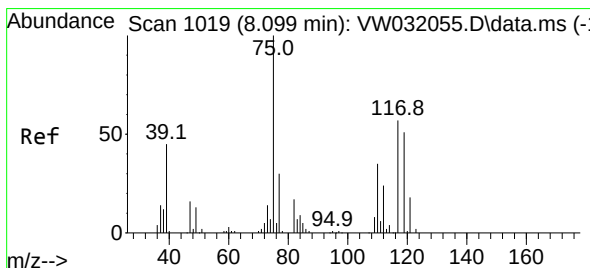
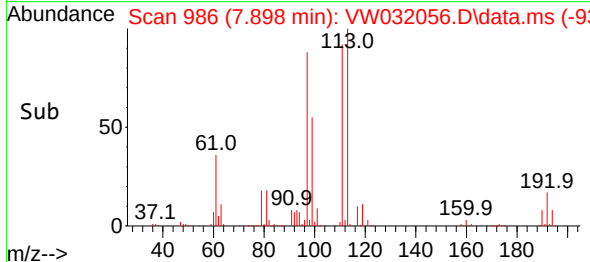
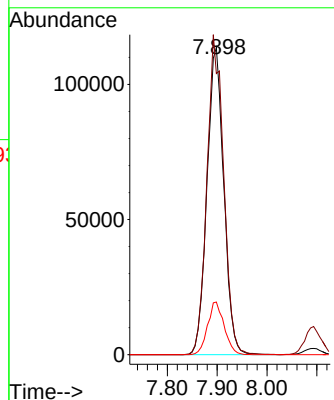
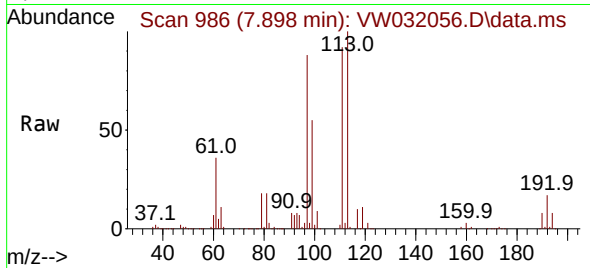




#35
 Dibromofluoromethane
 Concen: 96.945 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. 0.000 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

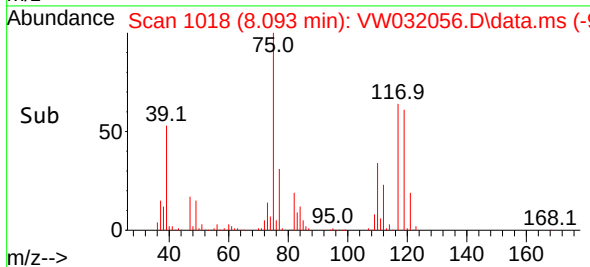
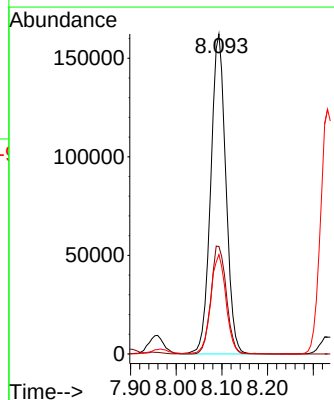
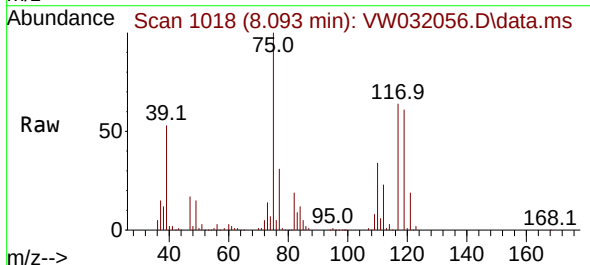
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

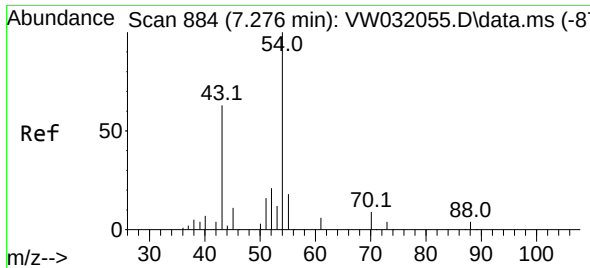
Tgt Ion:113 Resp: 266117
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.1 120.1
 192 16.9 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 96.444 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

Tgt Ion: 75 Resp: 373215
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.4 52.2
 77 31.3 24.7 37.1

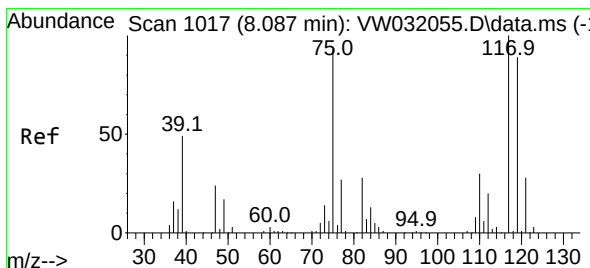
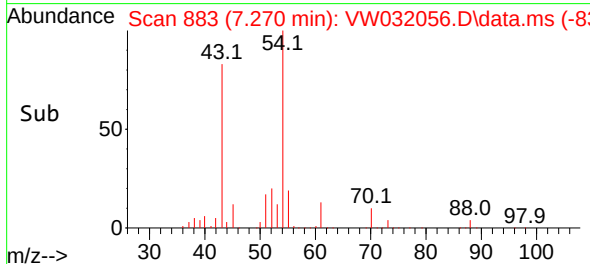
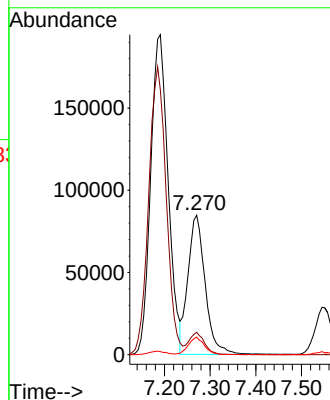
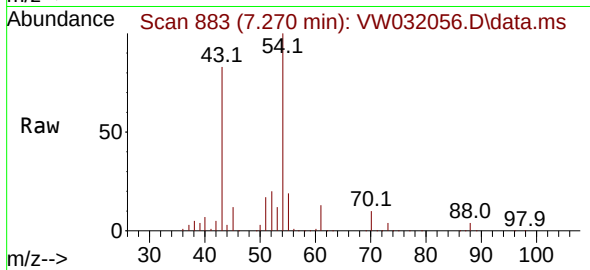




#37
Ethyl Acetate
Concen: 97.375 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

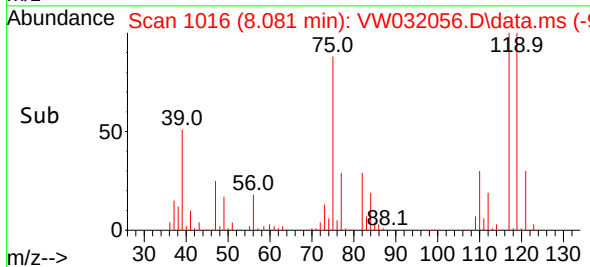
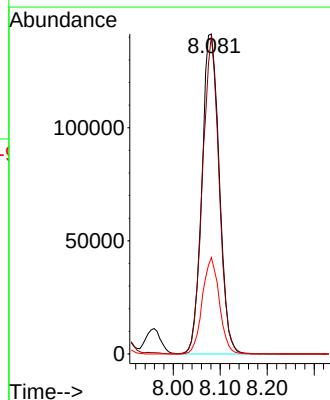
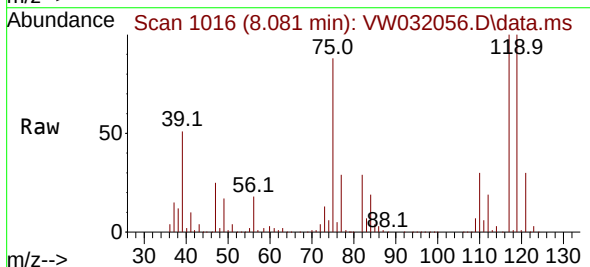
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

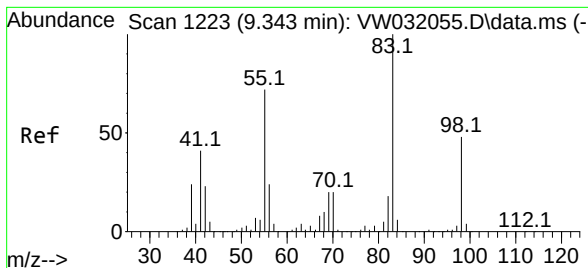
Tgt Ion: 43 Resp: 221929
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 11.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 97.035 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 117 Resp: 362373
Ion Ratio Lower Upper
117 100
119 99.6 71.4 107.2
121 30.1 22.3 33.5





#39

Methylcyclohexane

Concen: 97.342 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

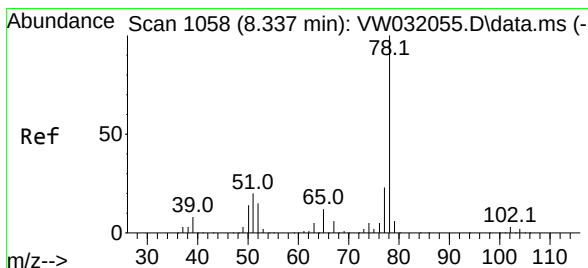
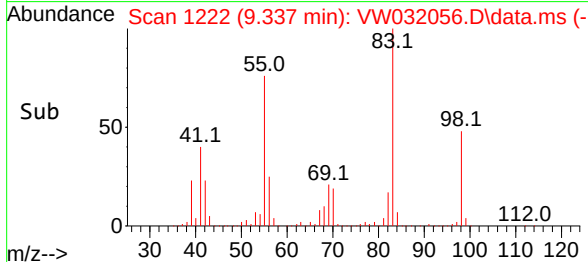
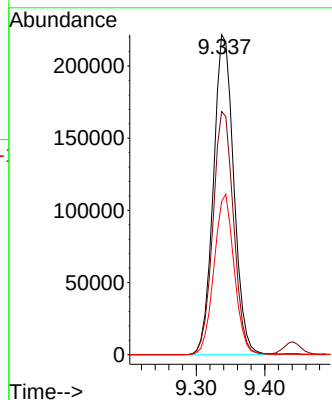
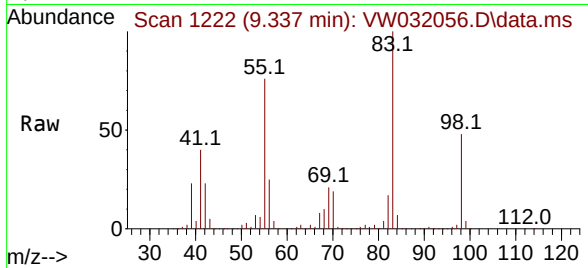
Tgt Ion: 83 Resp: 459134

Ion Ratio Lower Upper

83 100

55 76.0 57.9 86.9

98 47.8 38.3 57.5



#40

Benzene

Concen: 96.444 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032056.D

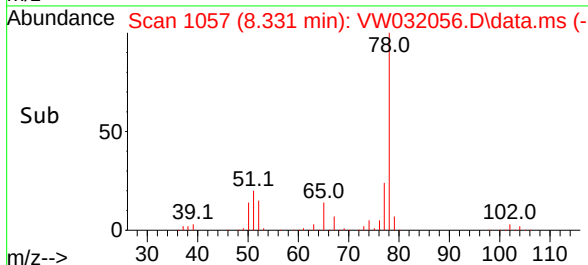
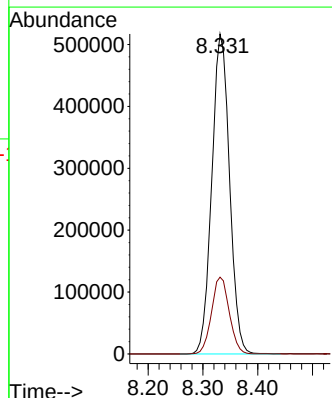
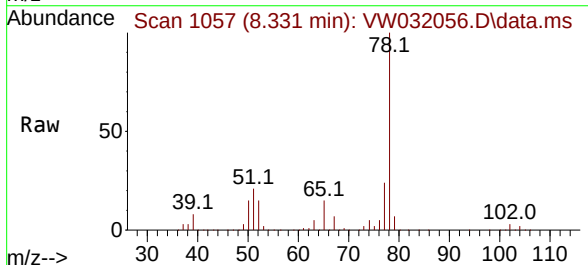
Acq: 11 Aug 2025 10:46

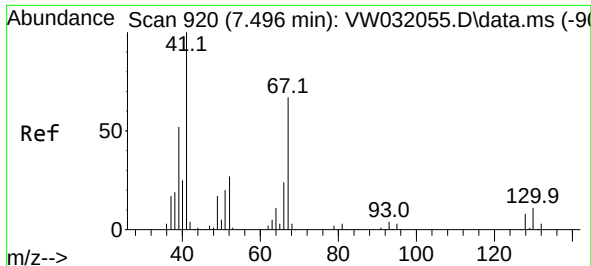
Tgt Ion: 78 Resp: 1160107

Ion Ratio Lower Upper

78 100

77 24.0 18.4 27.6



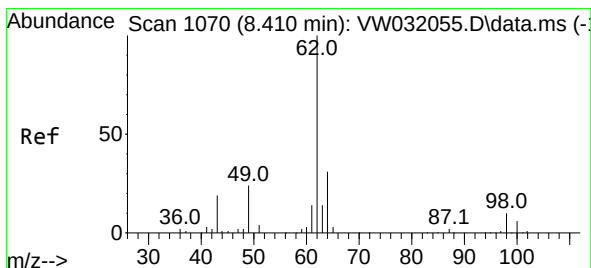
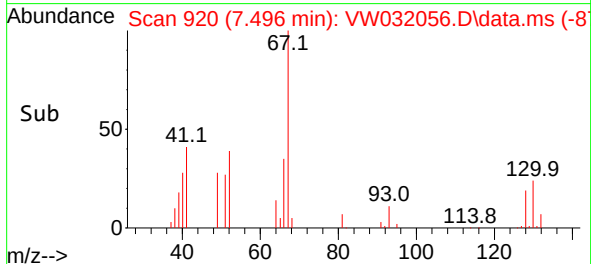
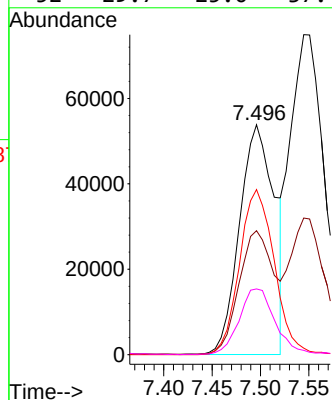
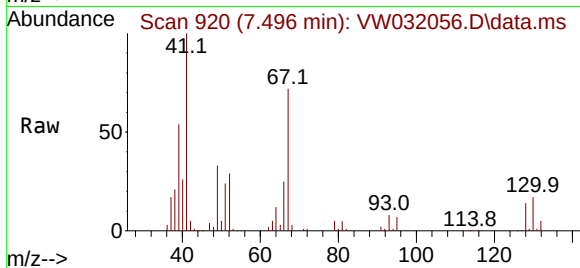


#41
Methacrylonitrile
Concen: 105.048 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 135773

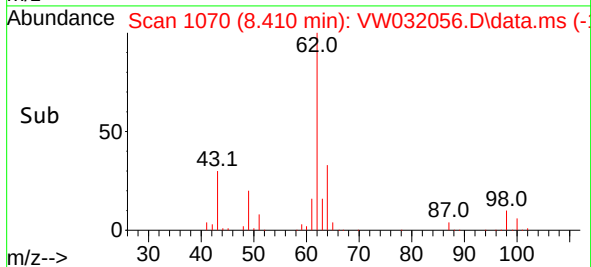
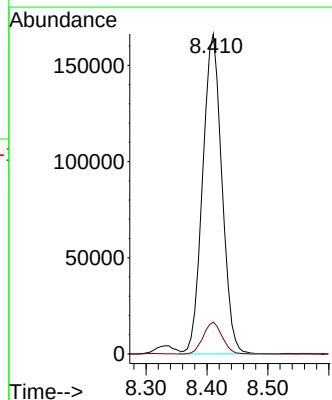
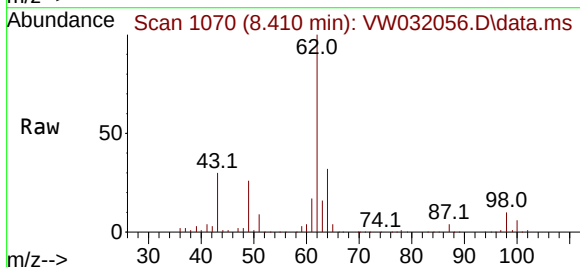
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.6	63.8
67	71.7	61.0	91.4
52	29.7	25.0	37.4

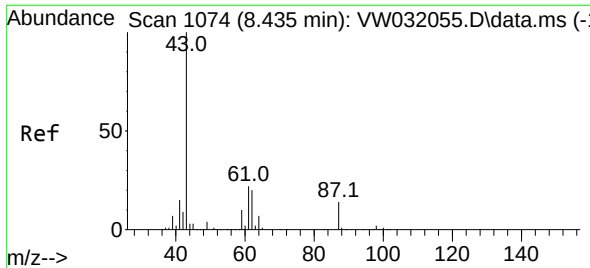


#42
1,2-Dichloroethane
Concen: 94.743 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 62 Resp: 364674

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8

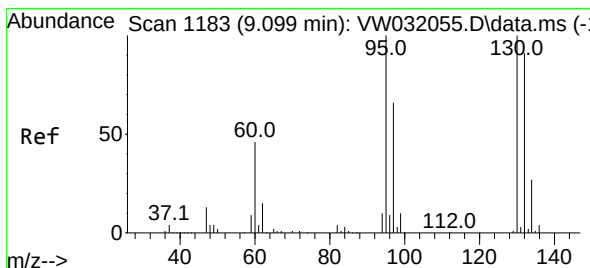
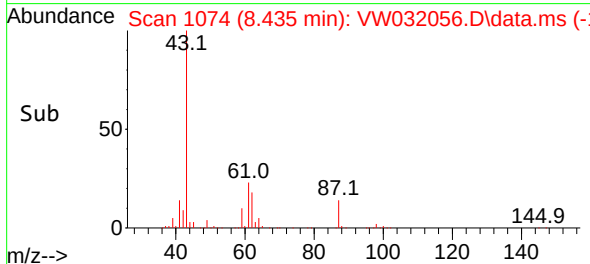
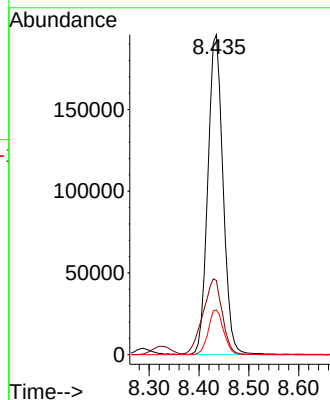
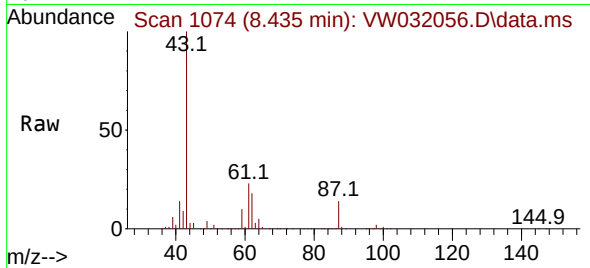




#43
Isopropyl Acetate
Concen: 98.543 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

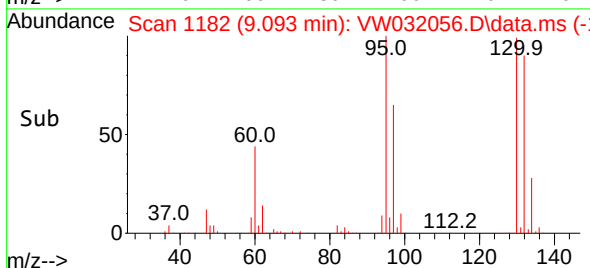
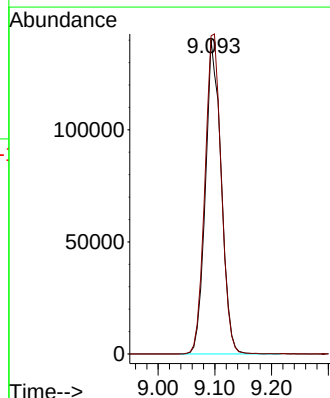
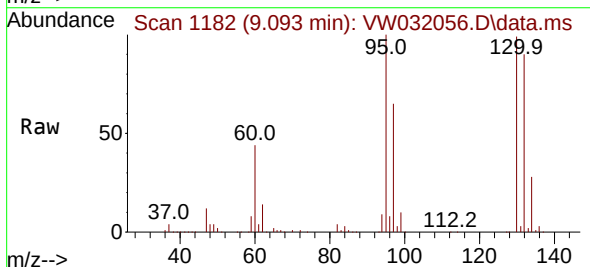
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

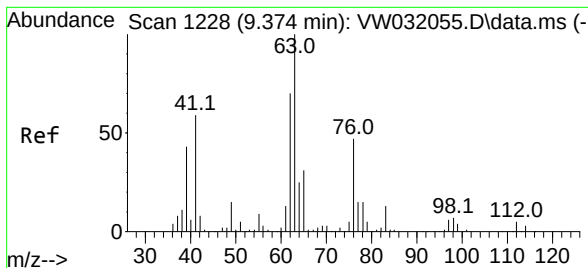
Tgt Ion: 43 Resp: 413211
Ion Ratio Lower Upper
43 100
61 30.0 23.8 35.8
87 14.2 11.7 17.5



#44
Trichloroethene
Concen: 94.602 ug/l
RT: 9.093 min Scan# 1182
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion:130 Resp: 270995
Ion Ratio Lower Upper
130 100
95 101.2 0.0 200.6





#45

1,2-Dichloropropane

Concen: 95.707 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

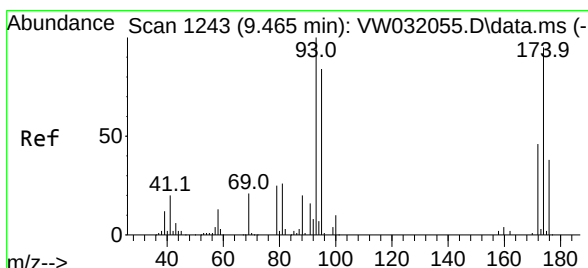
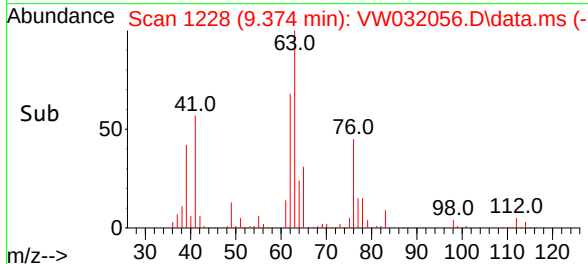
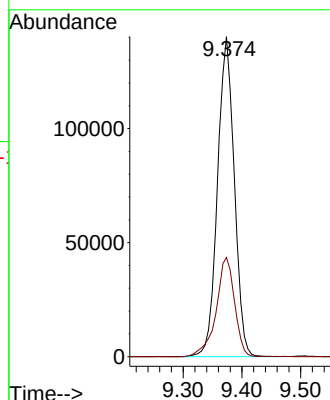
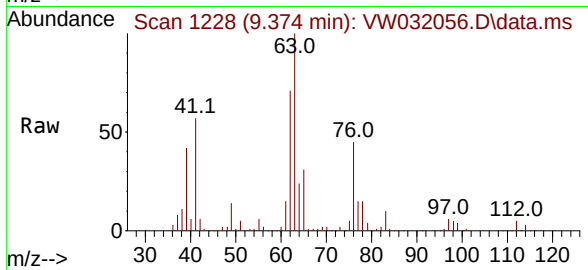
VSTDICC100

Tgt Ion: 63 Resp: 278124

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8



#46

Dibromomethane

Concen: 94.888 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

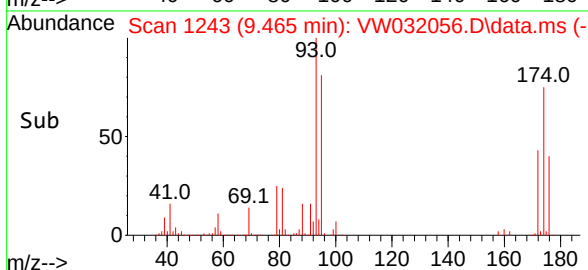
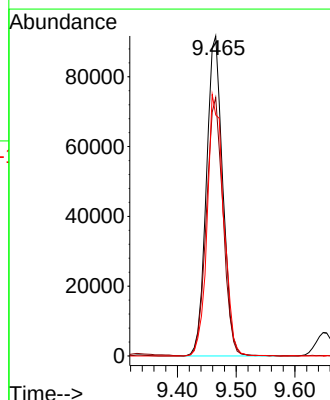
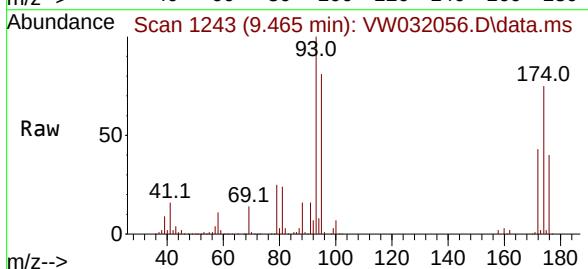
Tgt Ion: 93 Resp: 177966

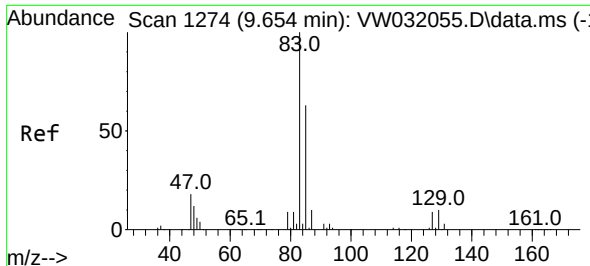
Ion Ratio Lower Upper

93 100

95 81.7 65.3 97.9

174 82.0 68.6 102.8

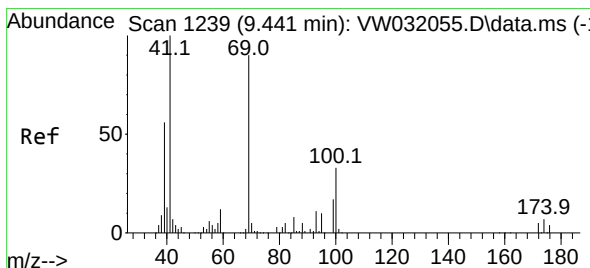
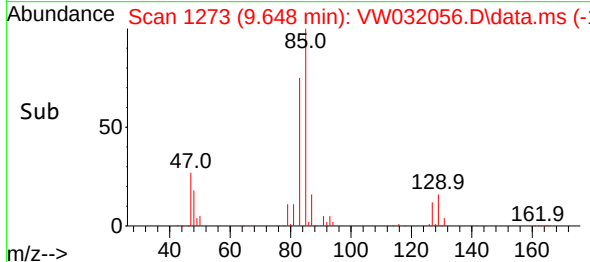
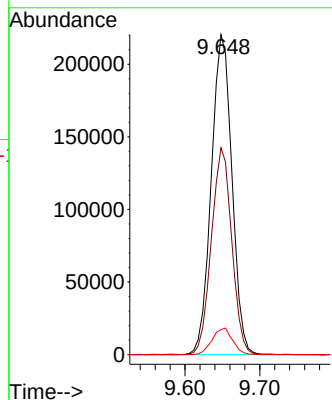
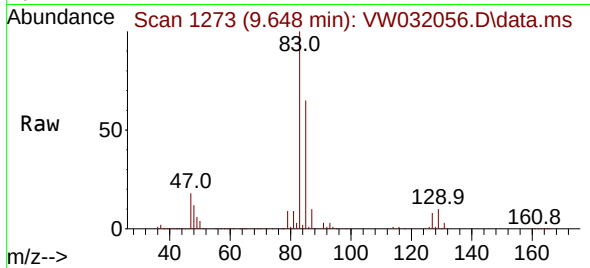




#47
 Bromodichloromethane
 Concen: 97.867 ug/l
 RT: 9.648 min Scan# 1273
 Delta R.T. -0.006 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

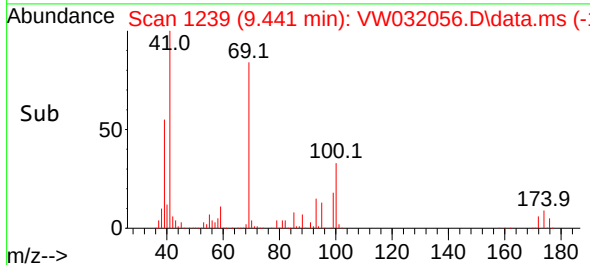
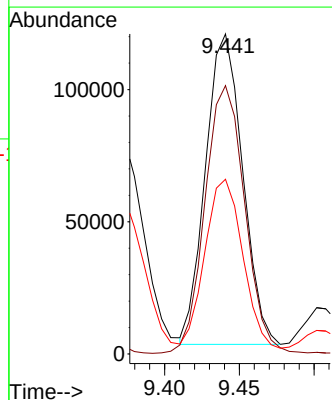
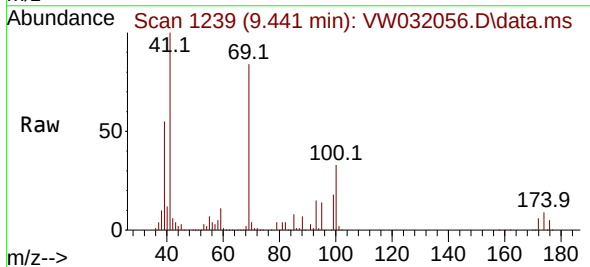
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

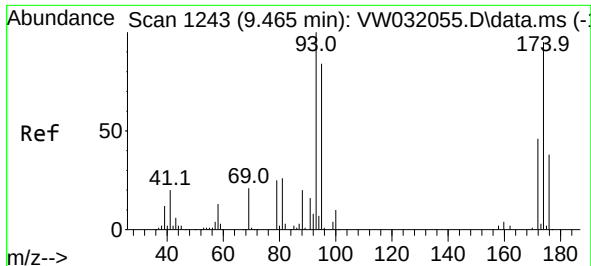
Tgt Ion: 83 Resp: 422958
 Ion Ratio Lower Upper
 83 100
 85 64.7 50.6 75.8
 127 7.9 6.9 10.3



#48
 Methyl methacrylate
 Concen: 100.098 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

Tgt Ion: 41 Resp: 202632
 Ion Ratio Lower Upper
 41 100
 69 93.5 73.0 109.6
 39 55.0 45.0 67.4





#49

1,4-Dioxane

Concen: 1912.696 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

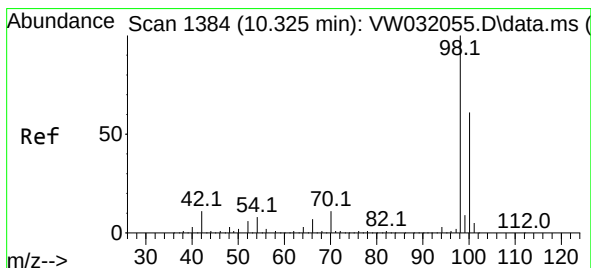
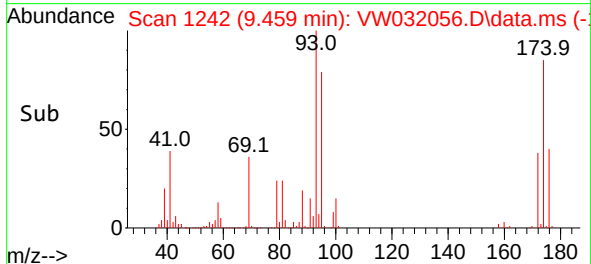
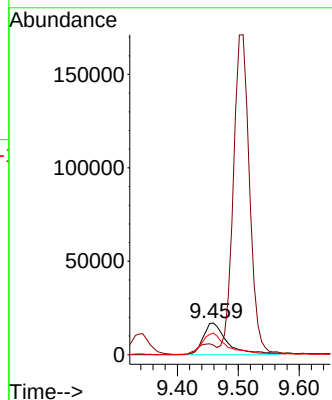
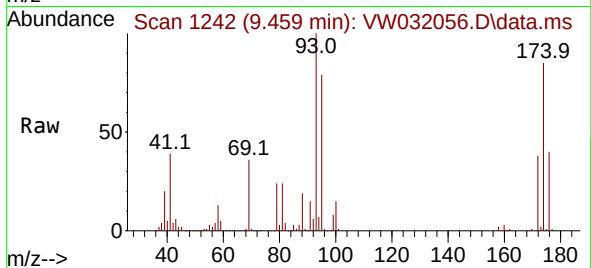
Tgt Ion: 88 Resp: 46383

Ion Ratio Lower Upper

88 100

43 25.4 20.6 30.8

58 75.0 60.4 90.6



#50

Toluene-d8

Concen: 99.078 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032056.D

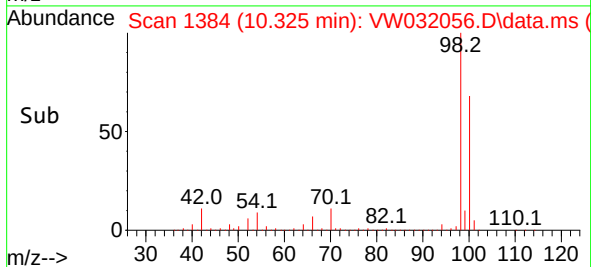
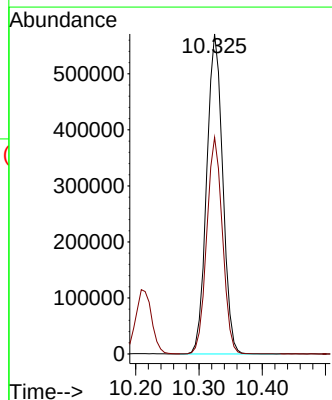
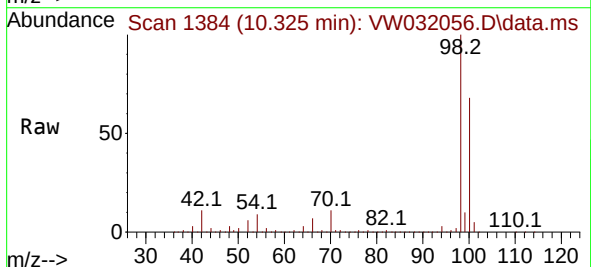
Acq: 11 Aug 2025 10:46

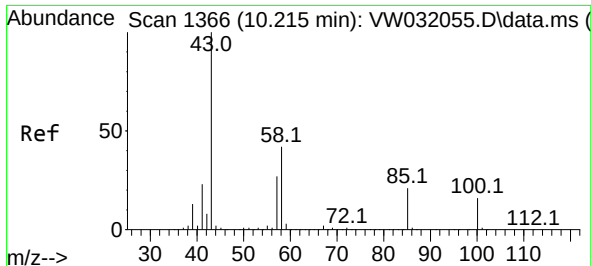
Tgt Ion: 98 Resp: 1005940

Ion Ratio Lower Upper

98 100

100 66.3 51.1 76.7

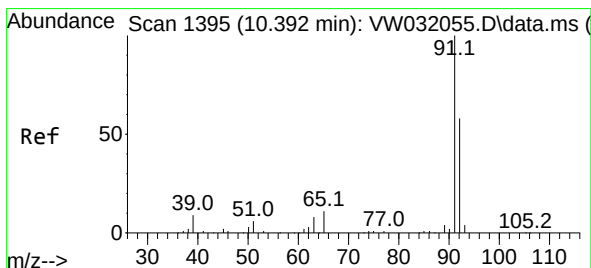
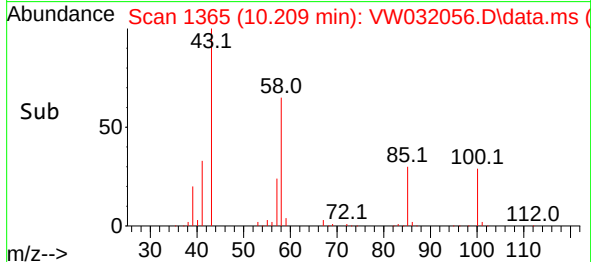
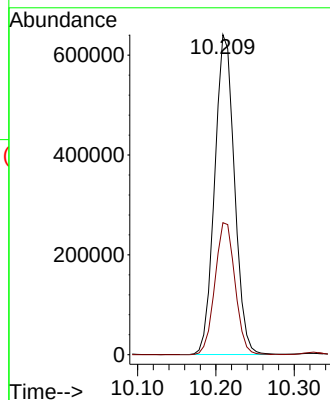
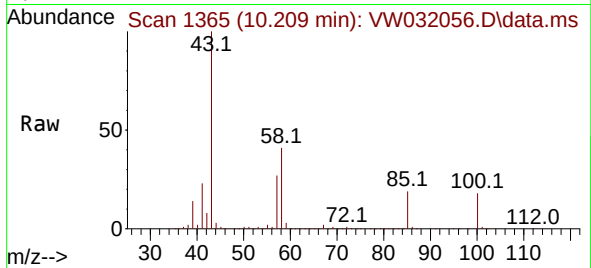




#51
4-Methyl-2-Pentanone
Concen: 476.209 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

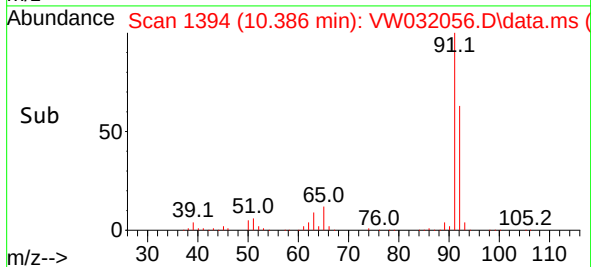
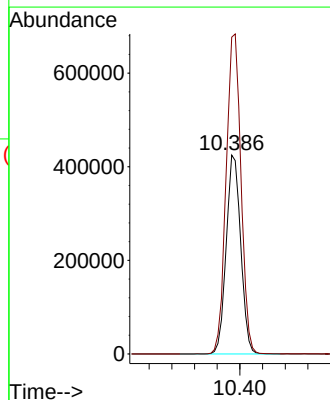
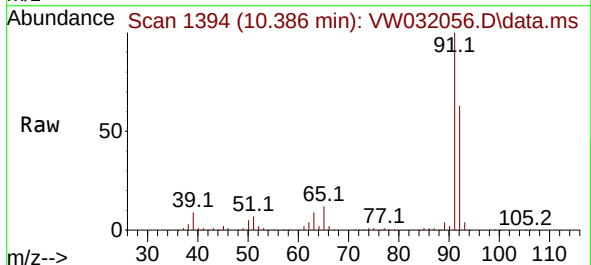
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

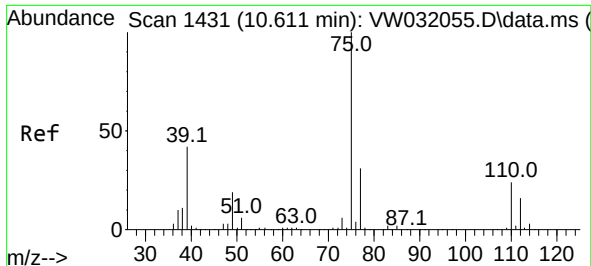
Tgt Ion: 43 Resp: 1127080
Ion Ratio Lower Upper
43 100
58 41.9 33.1 49.7



#52
Toluene
Concen: 99.464 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 92 Resp: 753592
Ion Ratio Lower Upper
92 100
91 165.0 136.3 204.5

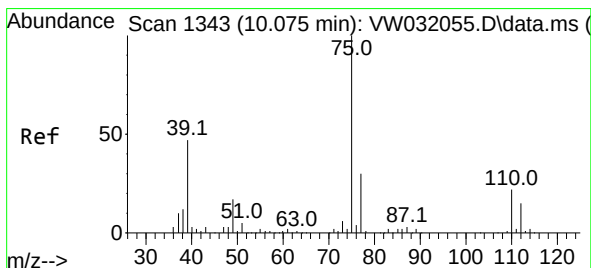
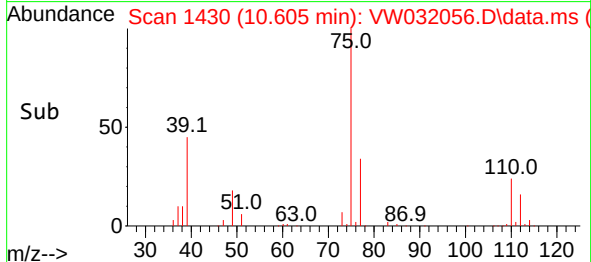
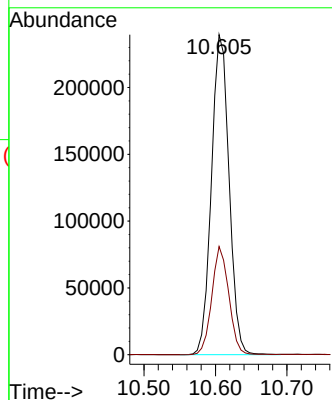
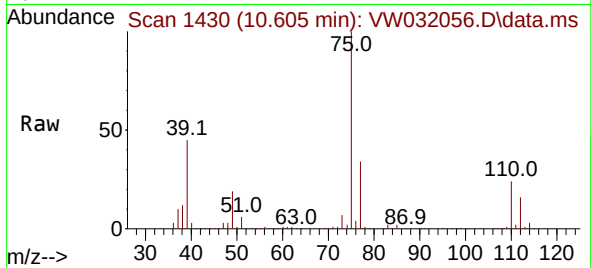




#53
 t-1,3-Dichloropropene
 Concen: 101.442 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

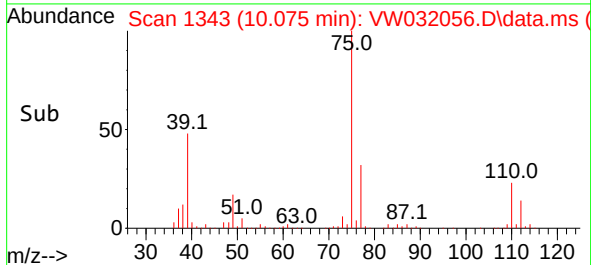
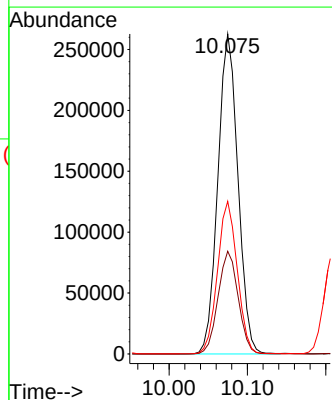
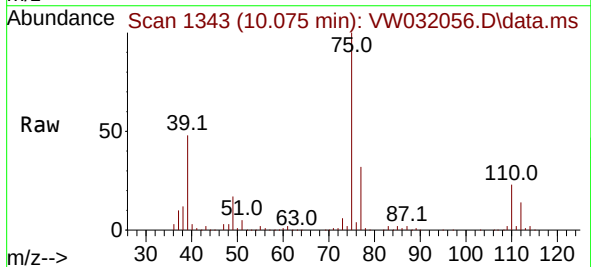
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

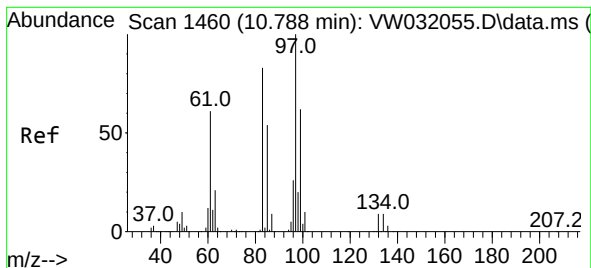
Tgt Ion: 75 Resp: 410734
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 102.096 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032056.D
 Acq: 11 Aug 2025 10:46

Tgt Ion: 75 Resp: 468972
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.0 36.0
 39 47.6 37.8 56.8



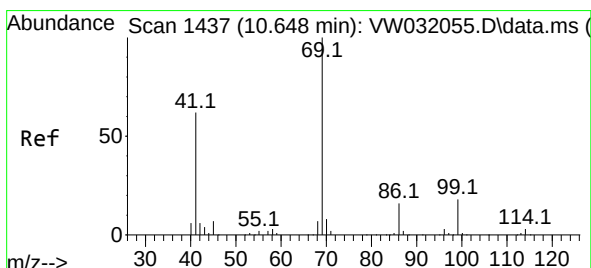
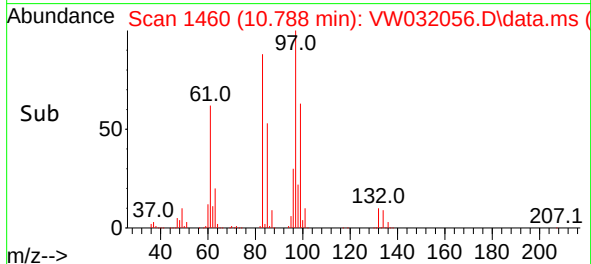
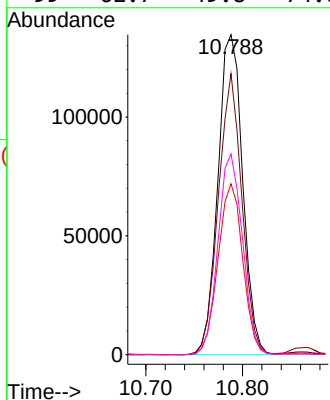
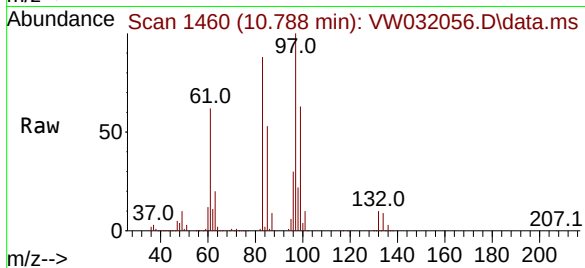


#55
1,1,2-Trichloroethane
Concen: 96.099 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 239507

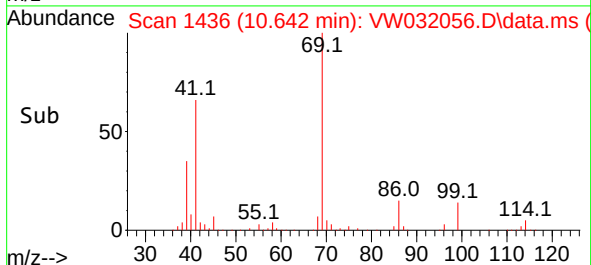
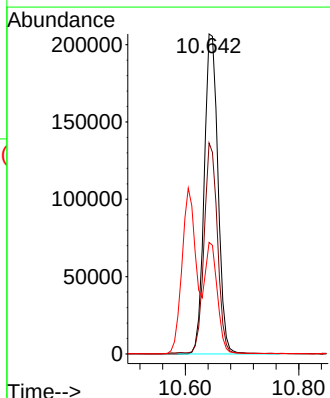
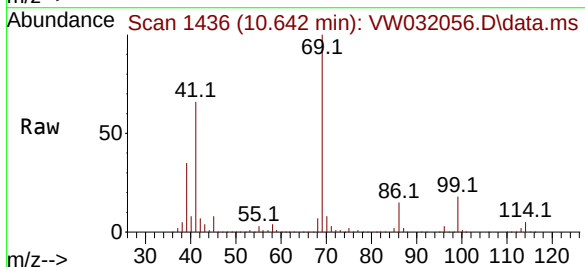
Ion	Ratio	Lower	Upper
97	100		
83	87.8	66.4	99.6
85	53.4	43.1	64.7
99	62.7	49.8	74.6

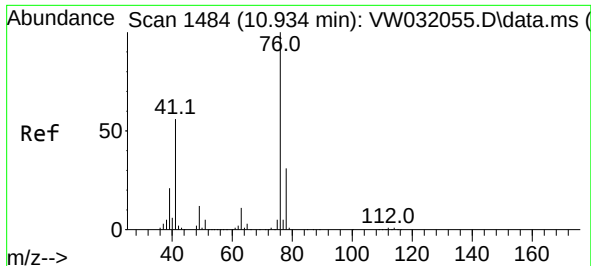


#56
Ethyl methacrylate
Concen: 104.477 ug/l
RT: 10.642 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 69 Resp: 348446

Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.2	76.8
39	30.2	25.4	38.0





#57

1,3-Dichloropropane

Concen: 95.056 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

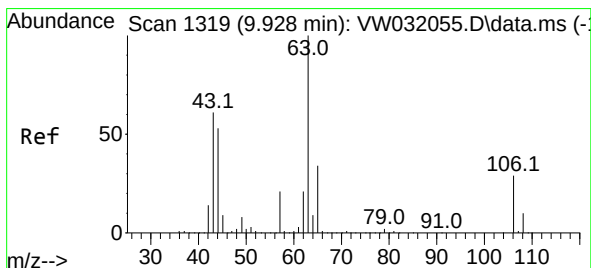
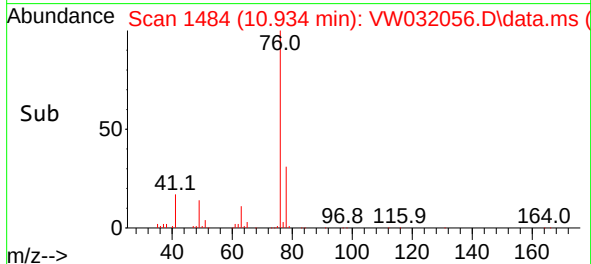
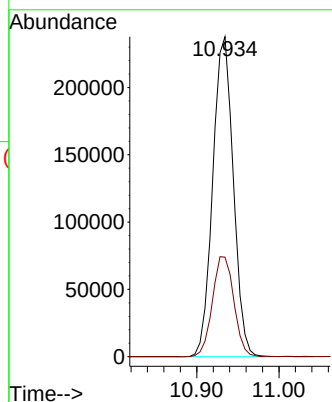
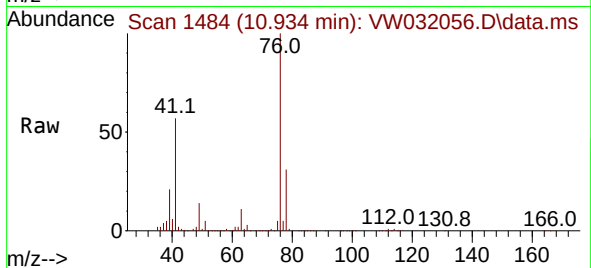
VSTDIC100

Tgt Ion: 76 Resp: 412949

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 513.956 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032056.D

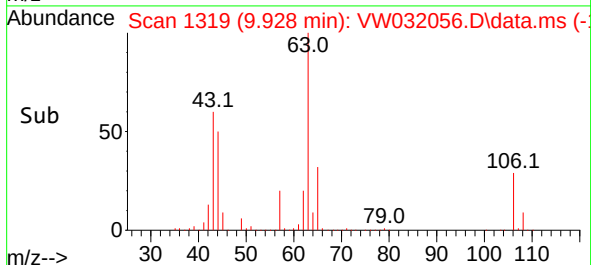
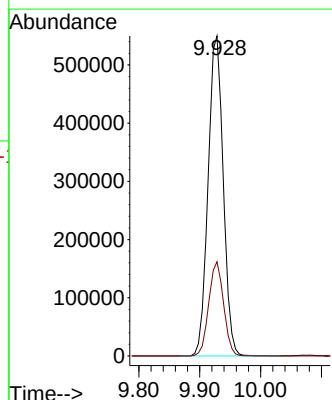
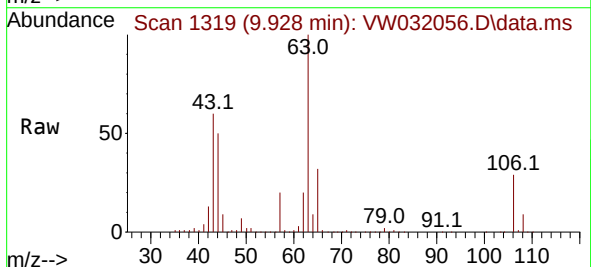
Acq: 11 Aug 2025 10:46

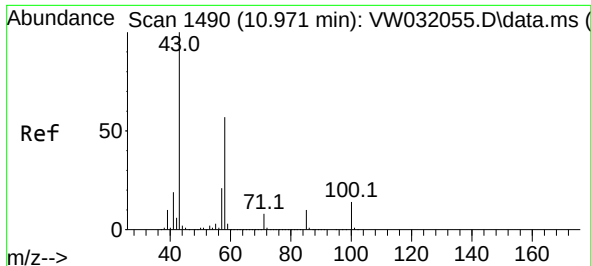
Tgt Ion: 63 Resp: 948129

Ion Ratio Lower Upper

63 100

106 28.9 23.5 35.3

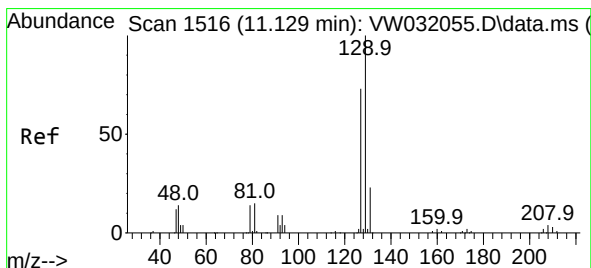
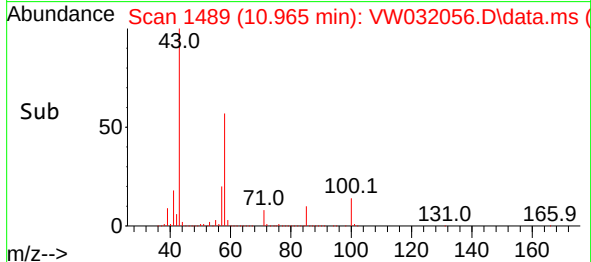
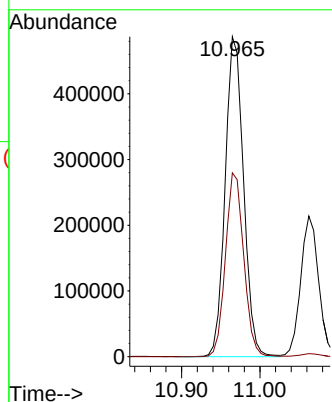
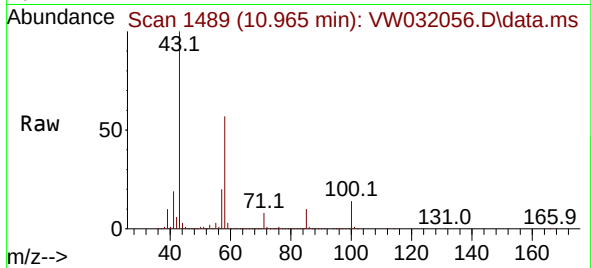




#59
2-Hexanone
Concen: 484.283 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

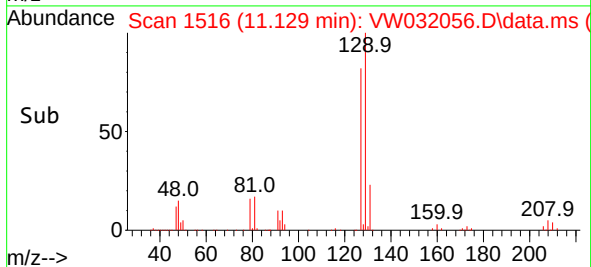
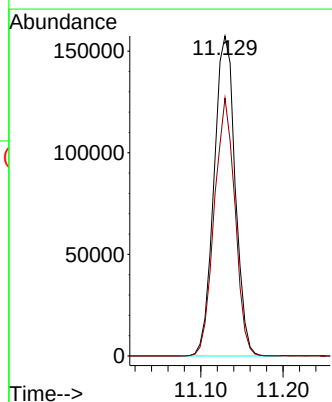
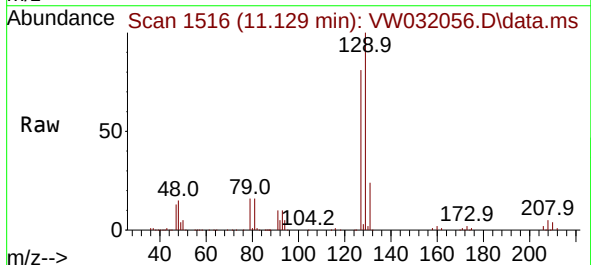
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

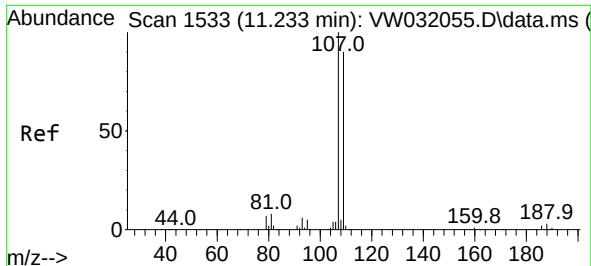
Tgt Ion: 43 Resp: 793810
Ion Ratio Lower Upper
43 100
58 57.2 28.3 85.0



#60
Dibromochloromethane
Concen: 99.074 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 129 Resp: 282060
Ion Ratio Lower Upper
129 100
127 78.5 39.0 116.9

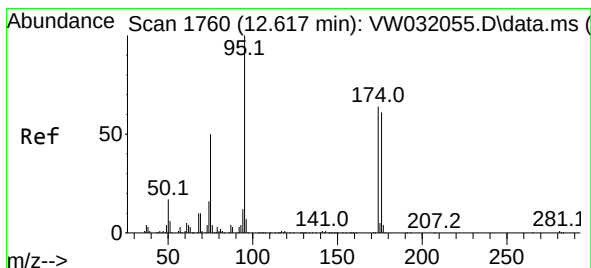
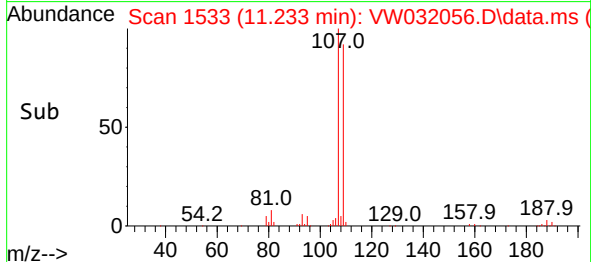
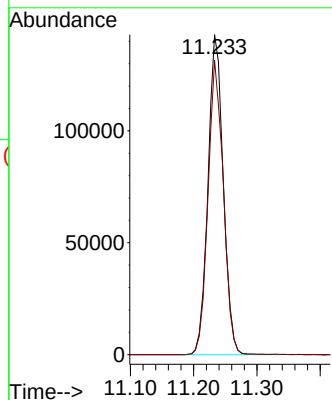
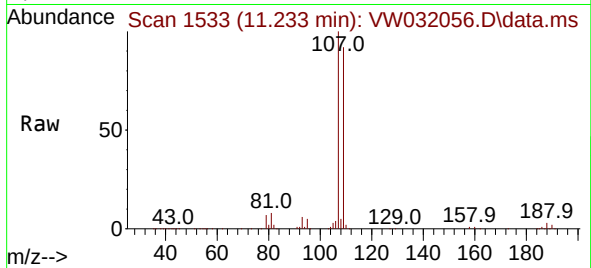




#61
1,2-Dibromoethane
Concen: 99.317 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

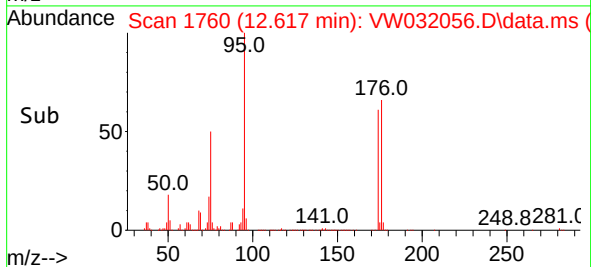
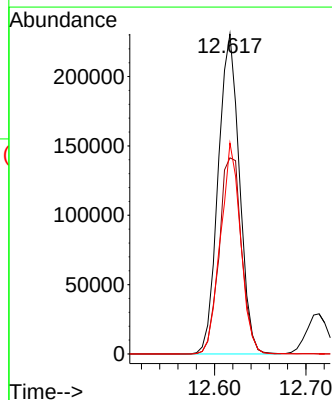
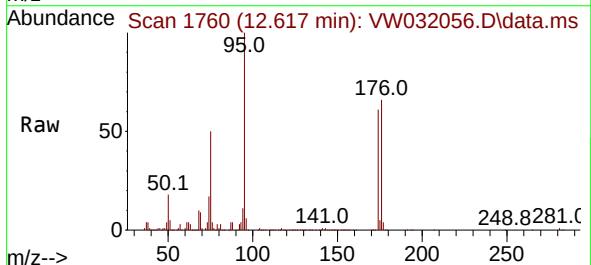
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

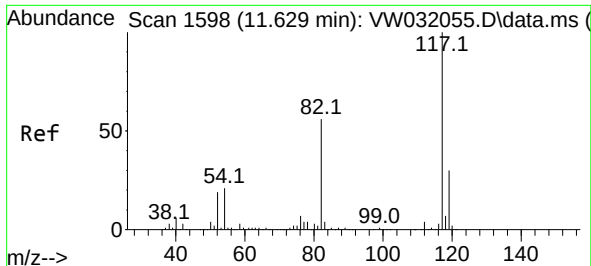
Tgt Ion:107 Resp: 240542
Ion Ratio Lower Upper
107 100
109 92.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 99.536 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 95 Resp: 372416
Ion Ratio Lower Upper
95 100
174 65.2 0.0 129.0
176 62.8 0.0 124.6

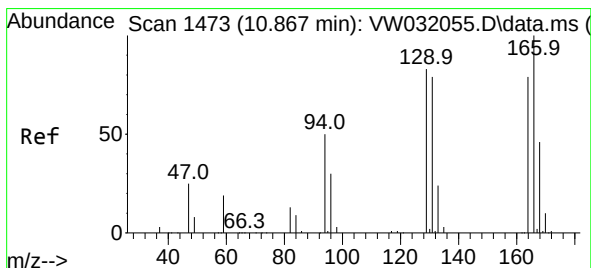
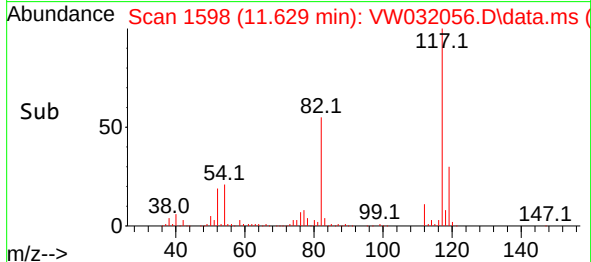
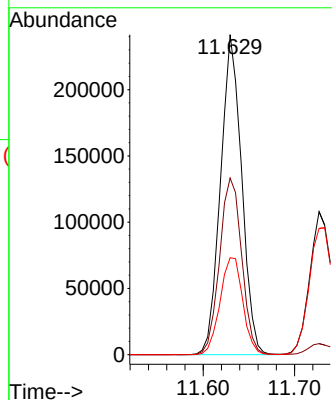
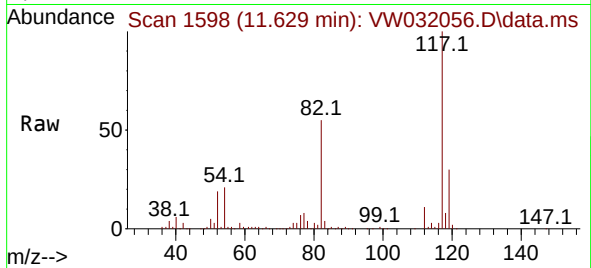




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

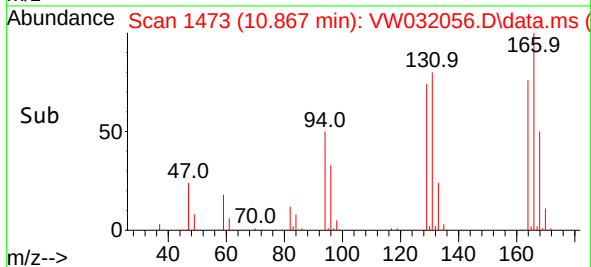
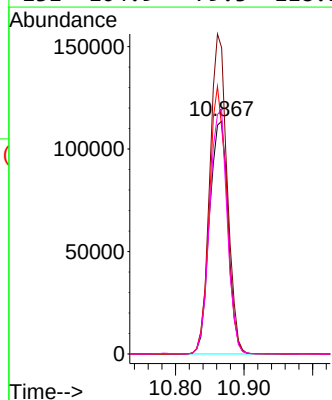
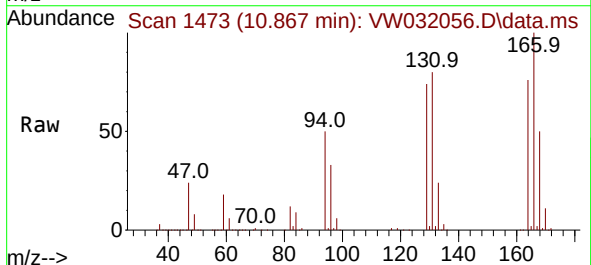
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

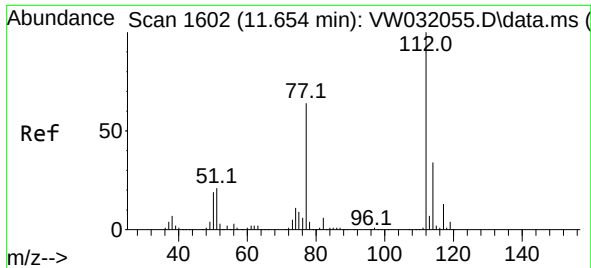
Tgt Ion:117 Resp: 387705
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 30.3 24.2 36.4



#64
Tetrachloroethene
Concen: 95.247 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion:164 Resp: 213297
Ion Ratio Lower Upper
164 100
166 131.5 100.9 151.3
129 97.3 83.6 125.4
131 104.9 79.3 118.9

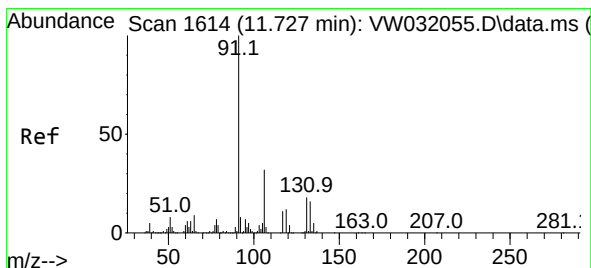
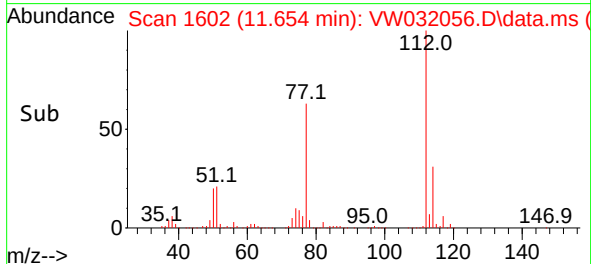
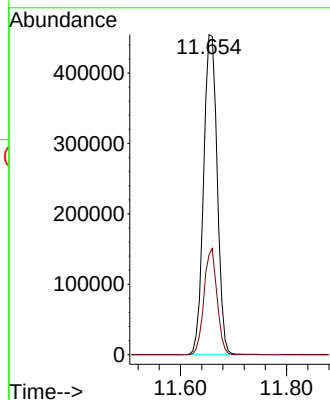
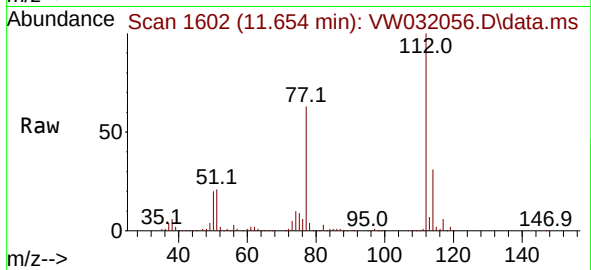




#65
Chlorobenzene
Concen: 95.819 ug/l
RT: 11.654 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

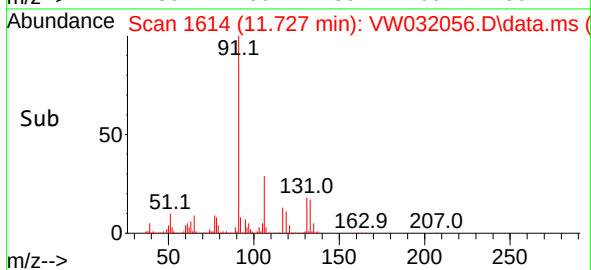
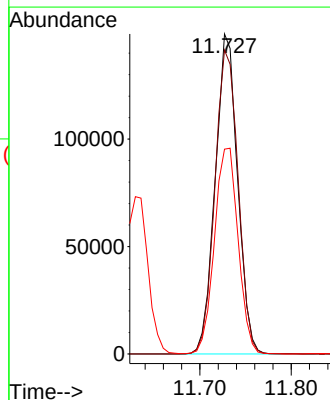
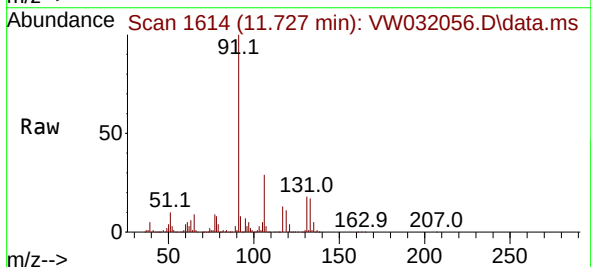
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

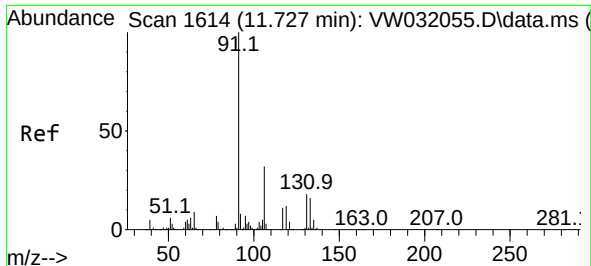
Tgt Ion:112 Resp: 808609
Ion Ratio Lower Upper
112 100
114 31.1 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 96.197 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion:131 Resp: 253284
Ion Ratio Lower Upper
131 100
133 98.6 47.3 142.0
119 68.3 34.5 103.5





#67

Ethyl Benzene

Concen: 99.243 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

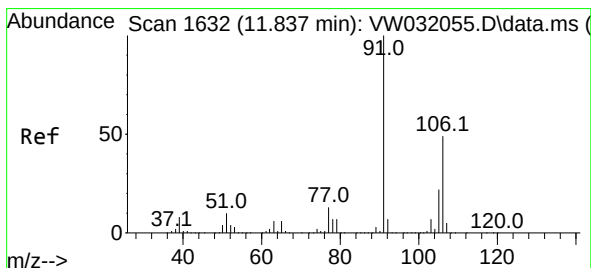
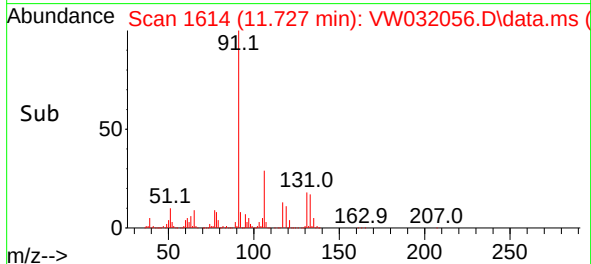
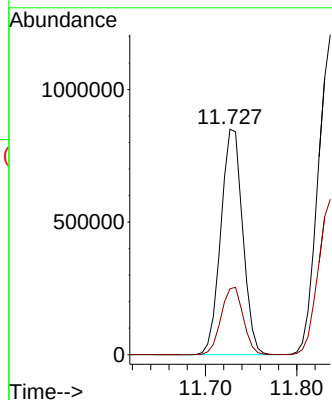
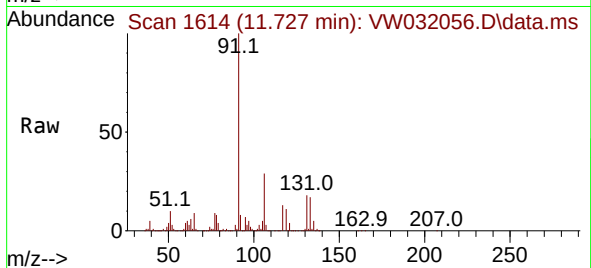
VSTDIC100

Tgt Ion: 91 Resp: 1418619

Ion Ratio Lower Upper

91 100

106 29.3 25.4 38.0



#68

m/p-Xylenes

Concen: 197.459 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032056.D

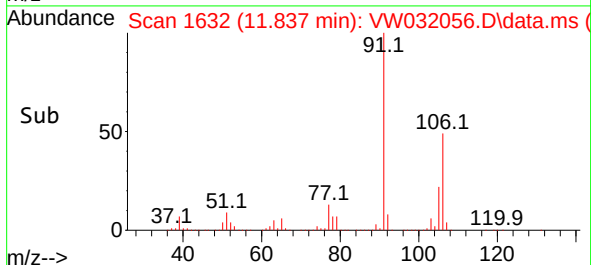
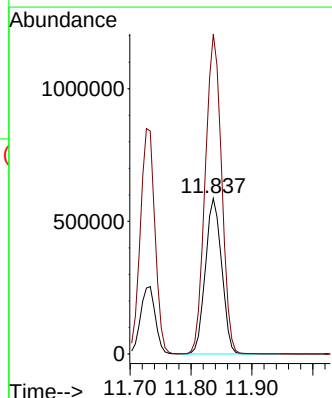
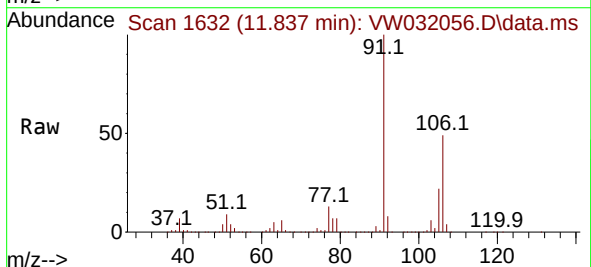
Acq: 11 Aug 2025 10:46

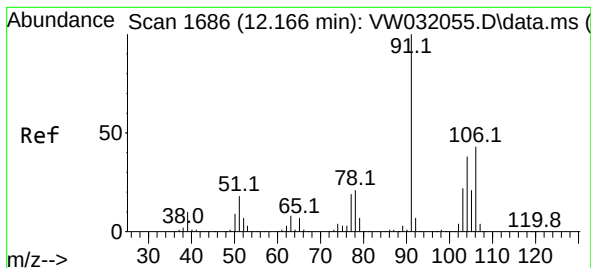
Tgt Ion:106 Resp: 1089143

Ion Ratio Lower Upper

106 100

91 206.7 162.2 243.2





#69

o-Xylene

Concen: 102.652 ug/l

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

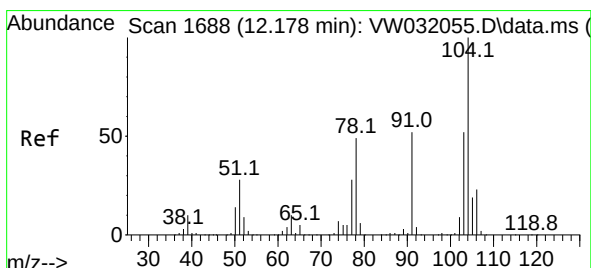
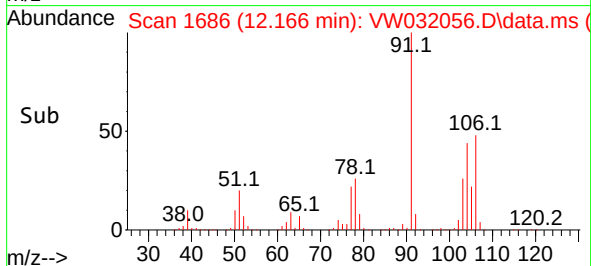
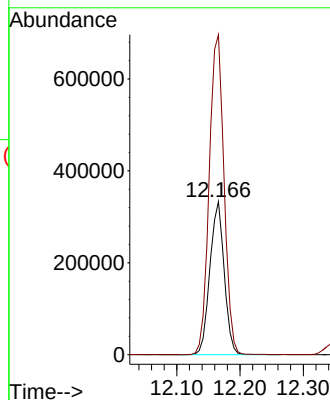
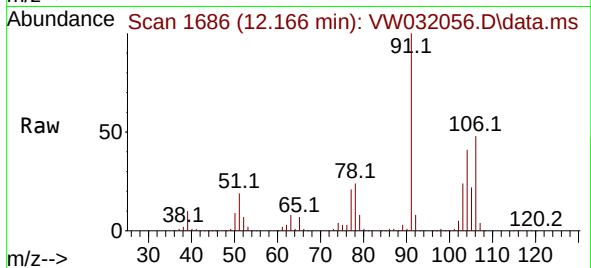
VSTDICC100

Tgt Ion:106 Resp: 523329

Ion Ratio Lower Upper

106 100

91 216.8 110.8 332.3



#70

Styrene

Concen: 101.158 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

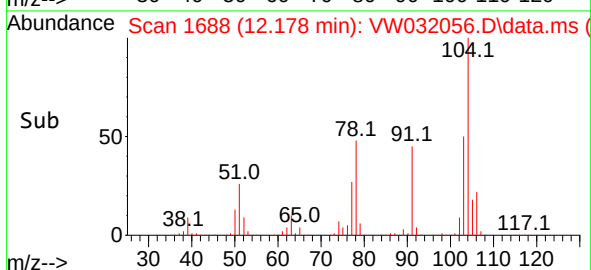
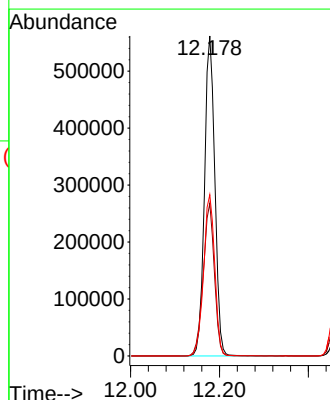
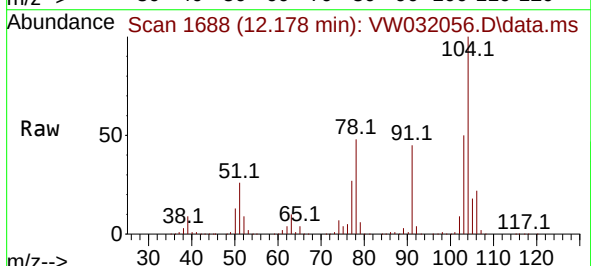
Tgt Ion:104 Resp: 916019

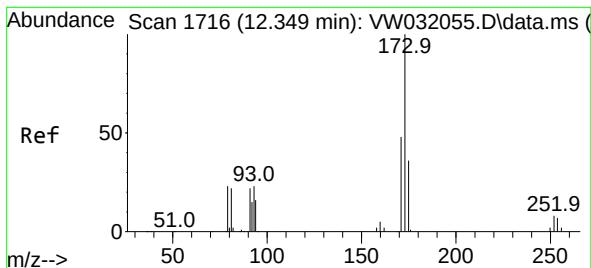
Ion Ratio Lower Upper

104 100

78 51.3 41.2 61.8

103 54.3 43.8 65.8





#71

Bromoform

Concen: 96.794 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

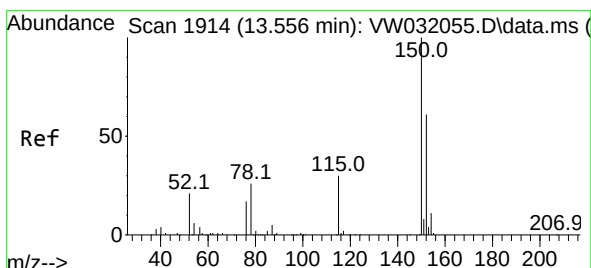
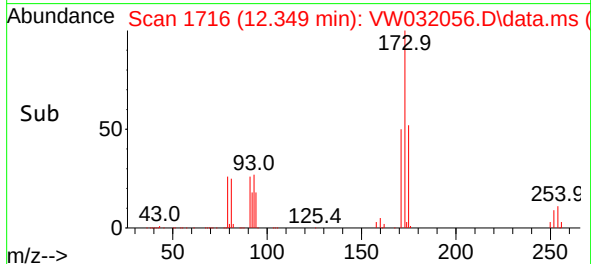
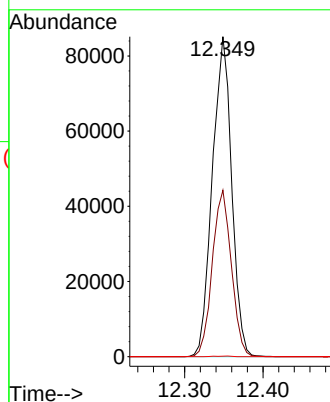
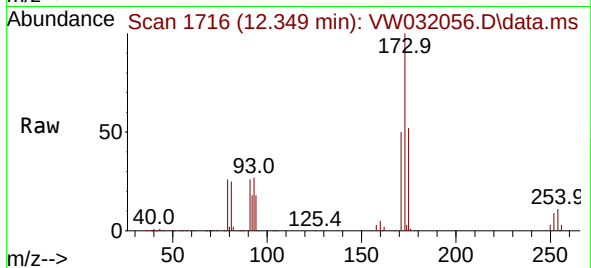
Tgt Ion:173 Resp: 145781

Ion Ratio Lower Upper

173 100

175 51.3 22.9 68.7

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

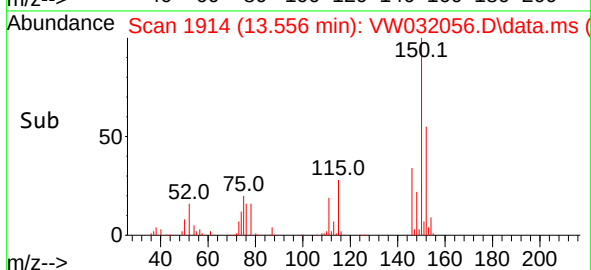
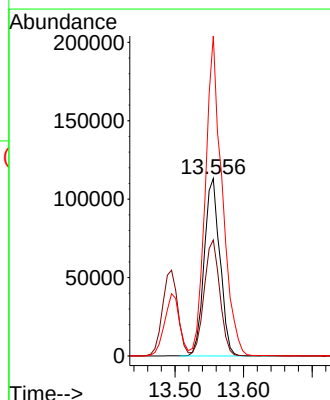
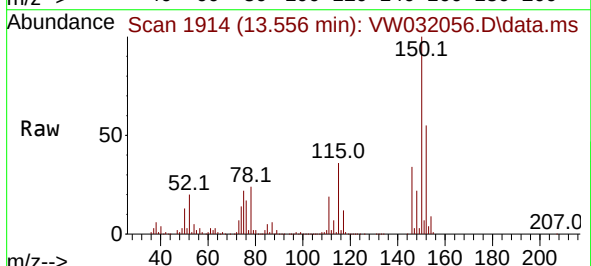
Tgt Ion:152 Resp: 180763

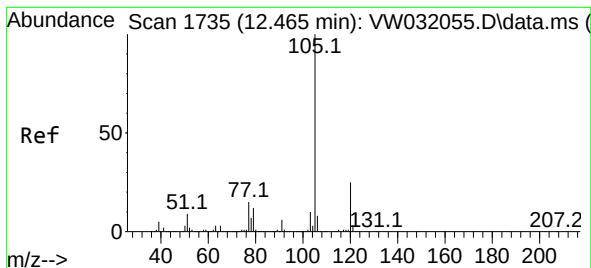
Ion Ratio Lower Upper

152 100

115 65.1 32.6 97.8

150 191.5 0.0 359.4





#73

Isopropylbenzene

Concen: 102.870 ug/l

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

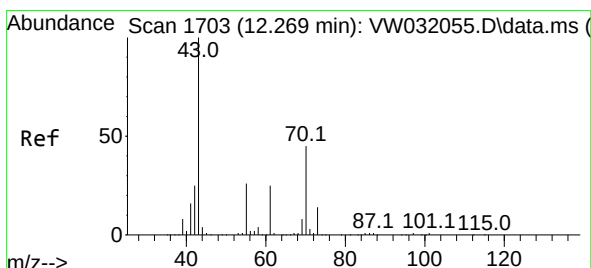
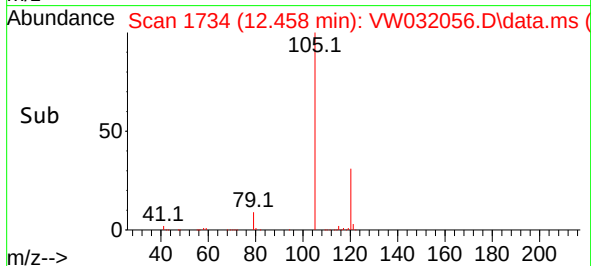
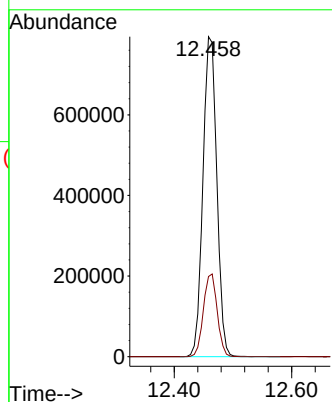
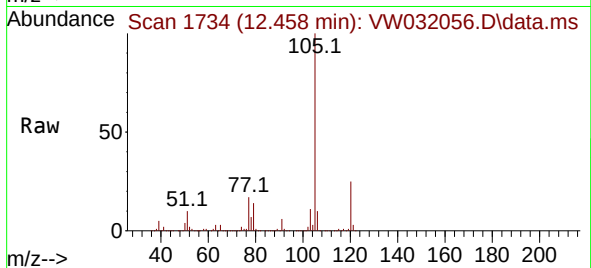
VSTDIC100

Tgt Ion:105 Resp: 1299533

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 104.494 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Tgt Ion: 43 Resp: 378722

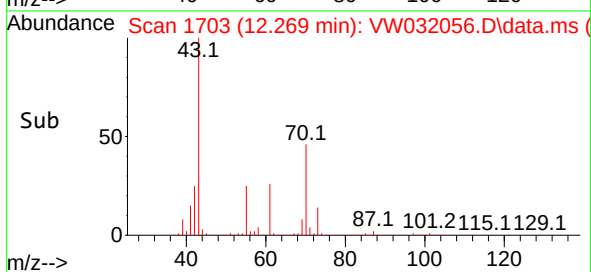
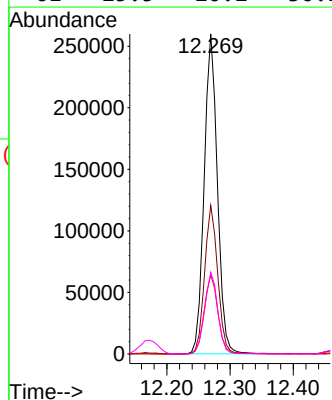
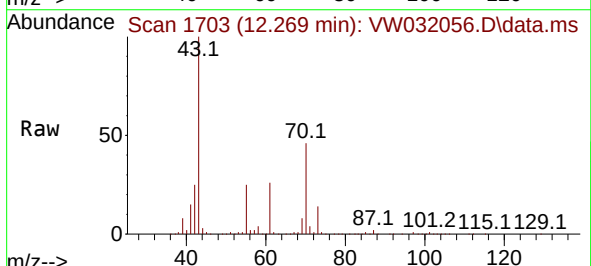
Ion Ratio Lower Upper

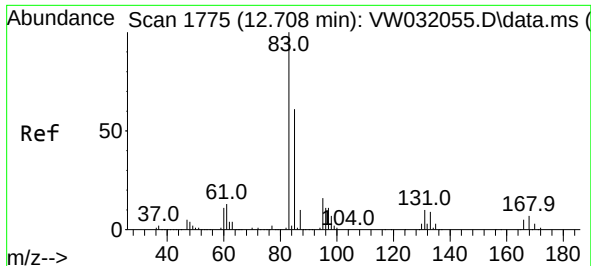
43 100

70 46.3 37.0 55.4

55 25.5 21.1 31.7

61 25.5 20.2 30.2

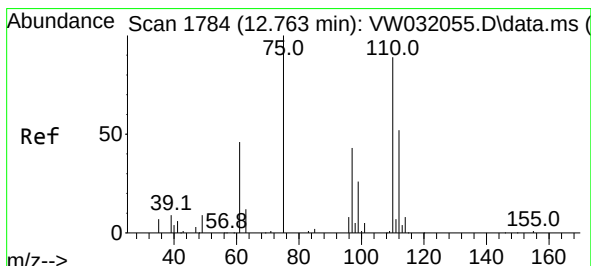
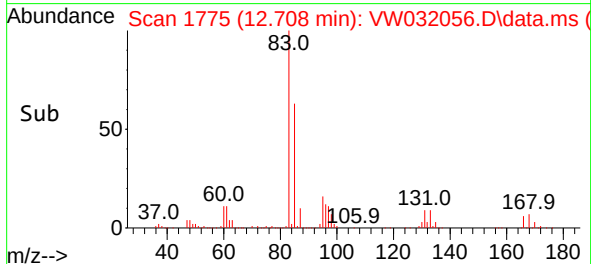
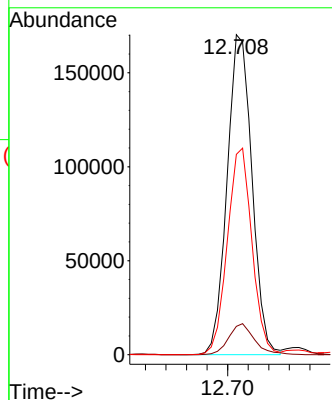
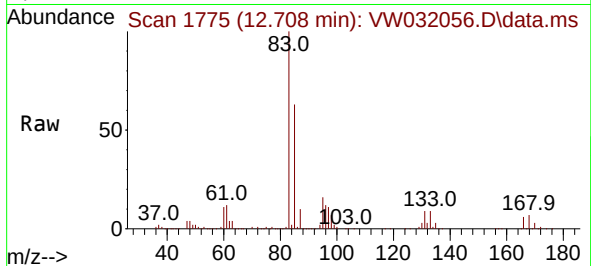




#75
1,1,2,2-Tetrachloroethane
Concen: 95.677 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

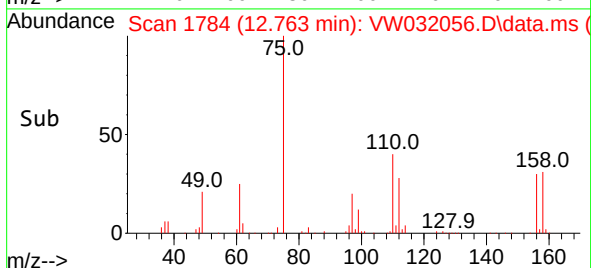
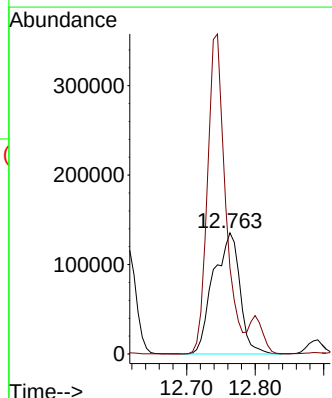
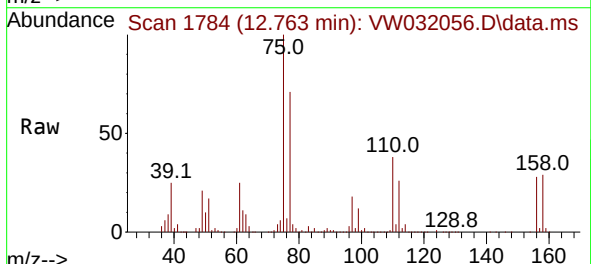
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

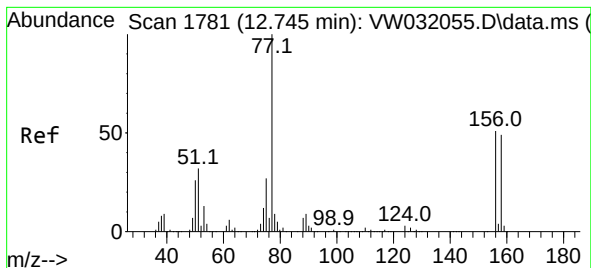
Tgt Ion: 83 Resp: 286977
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.4
85 63.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 130.728 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion: 75 Resp: 363264
Ion Ratio Lower Upper
75 100
77 179.3 123.5 370.5





#77

Bromobenzene

Concen: 103.091 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

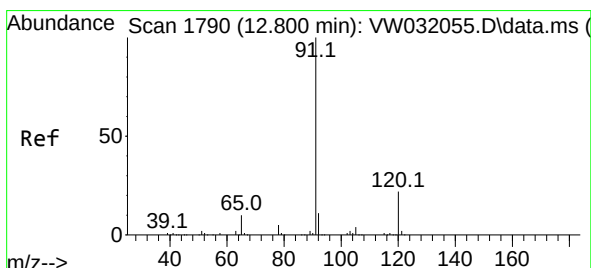
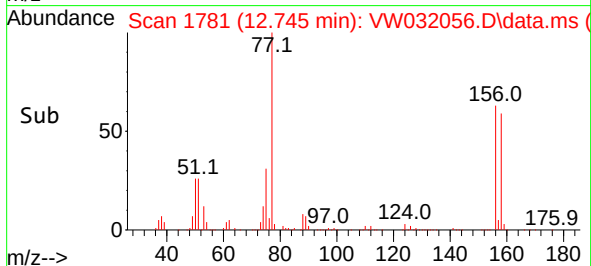
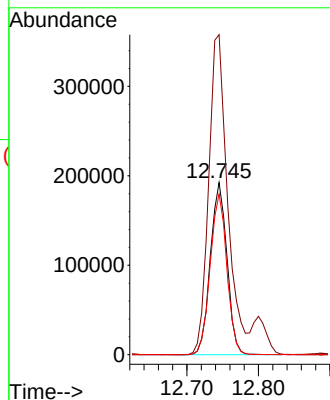
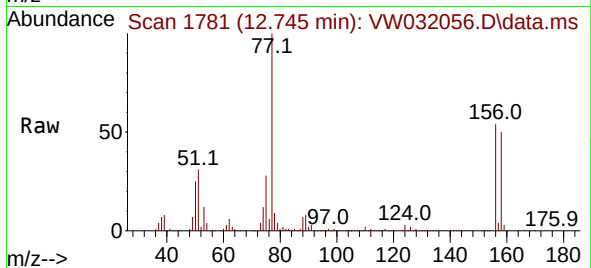
Tgt Ion:156 Resp: 311049

Ion Ratio Lower Upper

156 100

77 209.5 108.7 326.3

158 93.4 48.3 144.9



#78

n-propylbenzene

Concen: 102.177 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032056.D

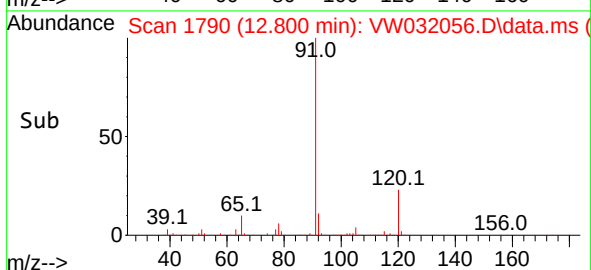
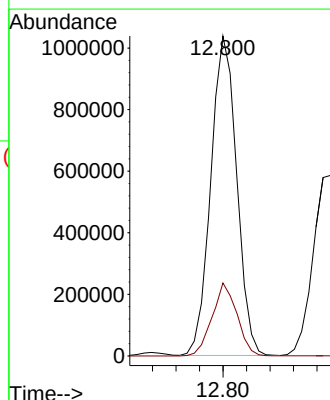
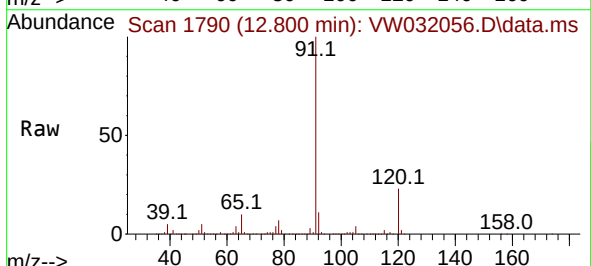
Acq: 11 Aug 2025 10:46

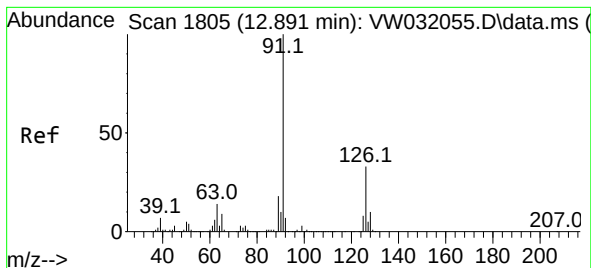
Tgt Ion: 91 Resp: 1589147

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.3





#79

2-Chlorotoluene

Concen: 101.505 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

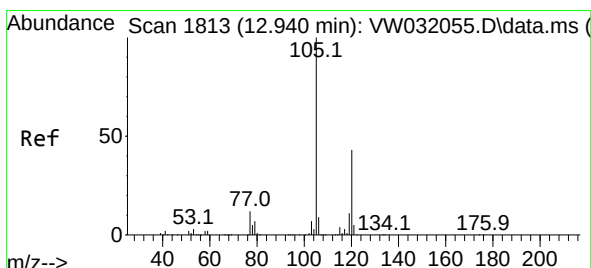
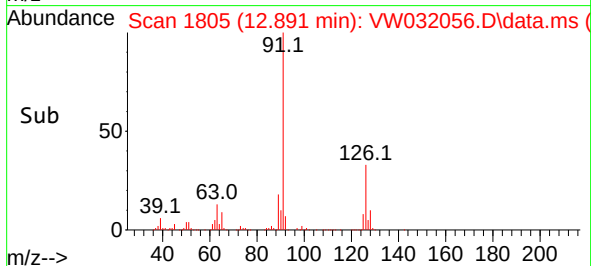
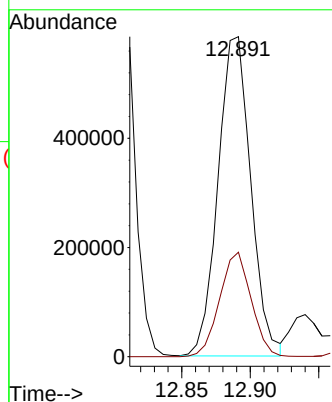
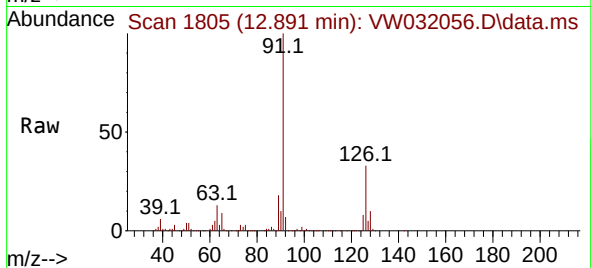
VSTDIC100

Tgt Ion: 91 Resp: 974324

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 101.912 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032056.D

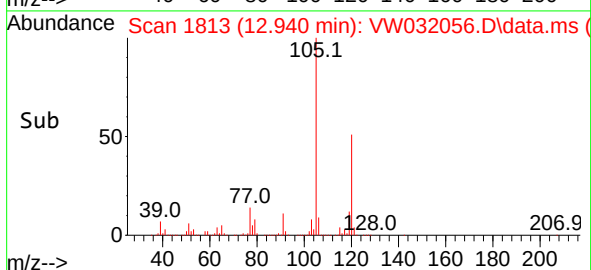
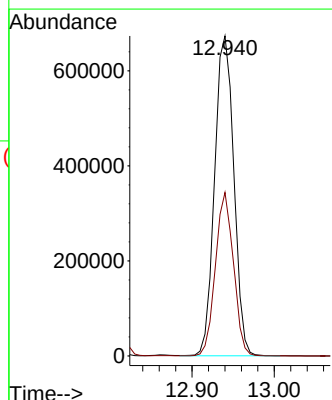
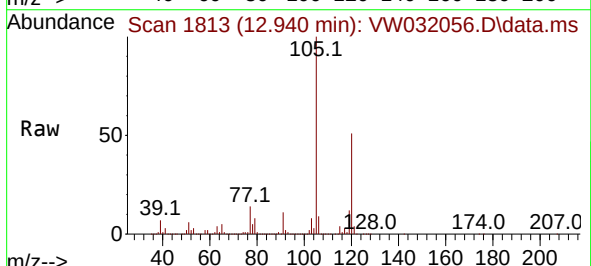
Acq: 11 Aug 2025 10:46

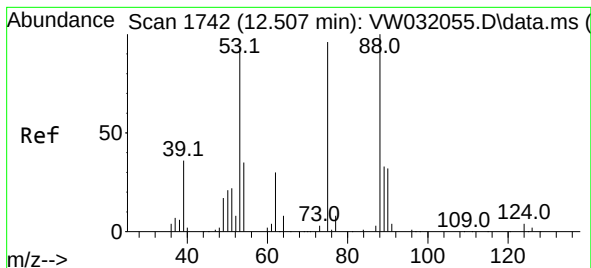
Tgt Ion:105 Resp: 1092987

Ion Ratio Lower Upper

105 100

120 48.1 23.4 70.0

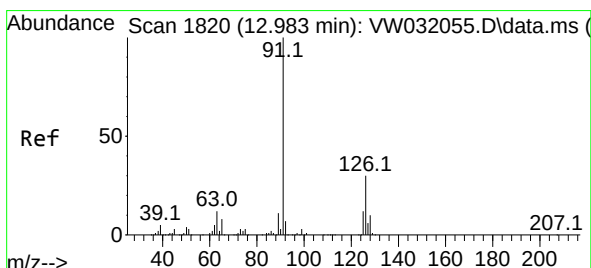
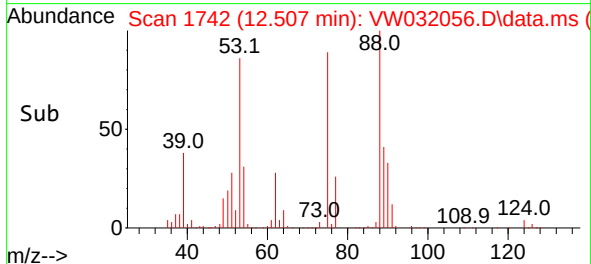
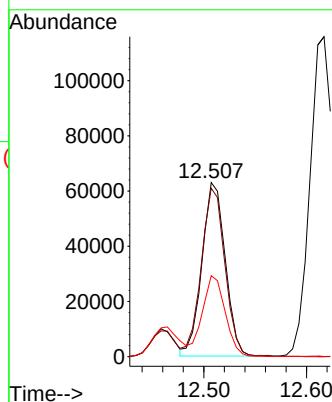
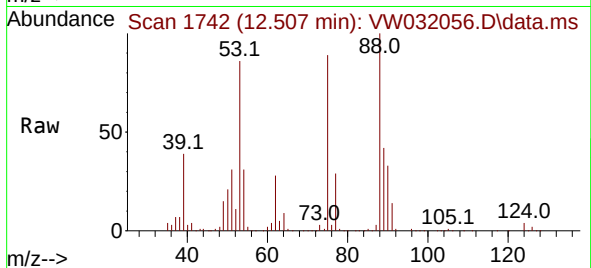




#81
trans-1,4-Dichloro-2-butene
Concen: 104.370 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

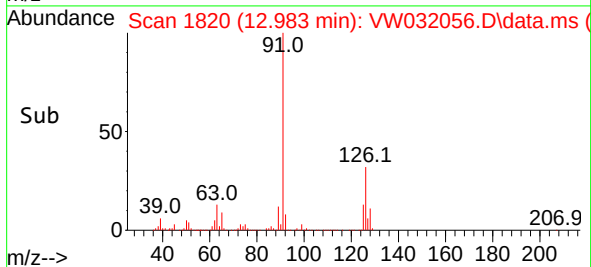
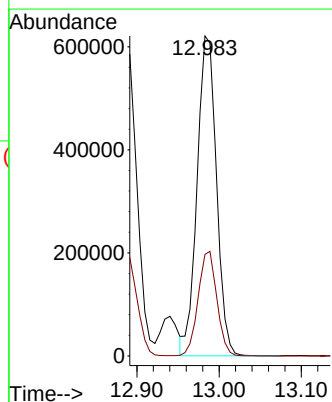
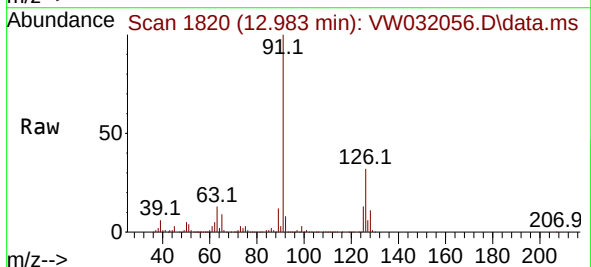
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

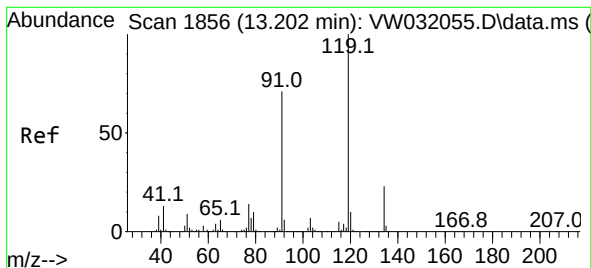
Tgt Ion:	75	Resp:	98906
Ion	Ratio	Lower	Upper
75	100		
53	99.2	81.0	121.6
89	46.2	37.3	55.9



#82
4-Chlorotoluene
Concen: 99.412 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032056.D
Acq: 11 Aug 2025 10:46

Tgt Ion:	91	Resp:	1013836
Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.5	46.5





#83

tert-Butylbenzene

Concen: 103.591 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

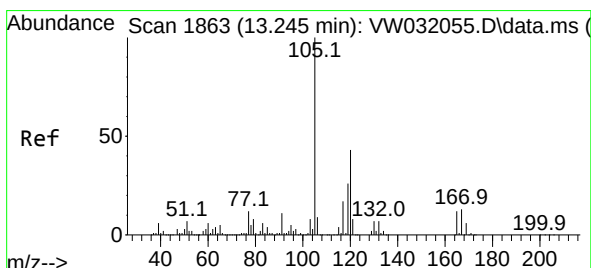
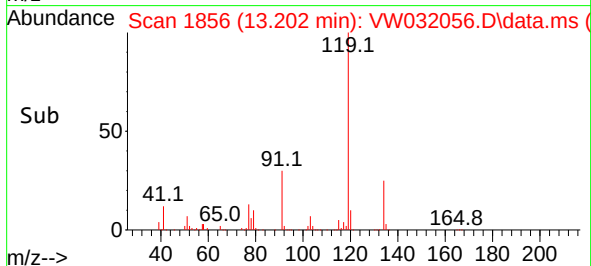
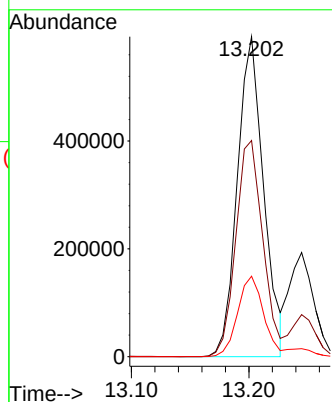
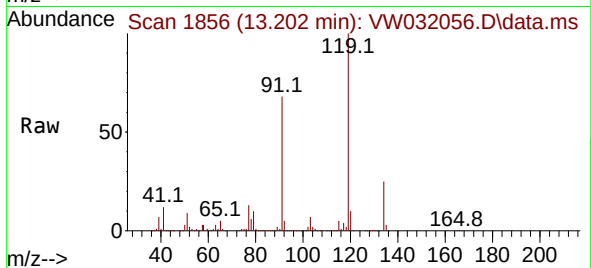
Tgt Ion:119 Resp: 922044

Ion Ratio Lower Upper

119 100

91 69.4 35.3 105.9

134 25.3 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 99.778 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032056.D

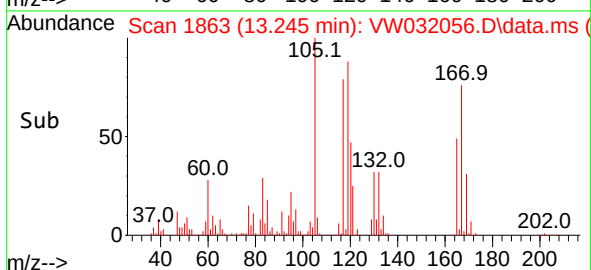
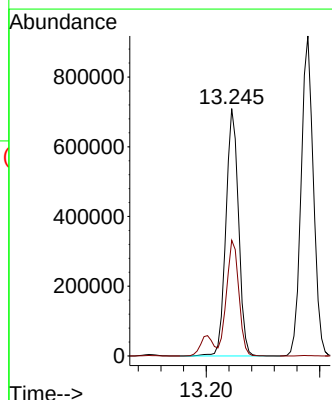
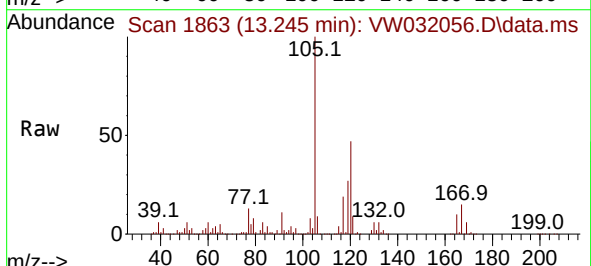
Acq: 11 Aug 2025 10:46

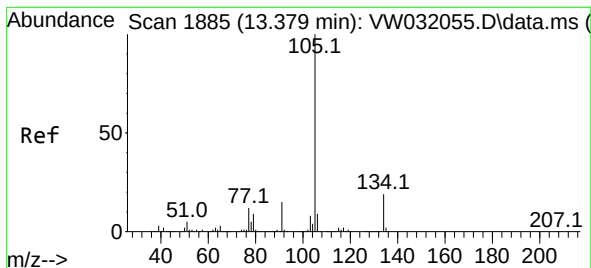
Tgt Ion:105 Resp: 1089327

Ion Ratio Lower Upper

105 100

120 45.7 21.6 64.8





#85

sec-Butylbenzene

Concen: 101.978 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

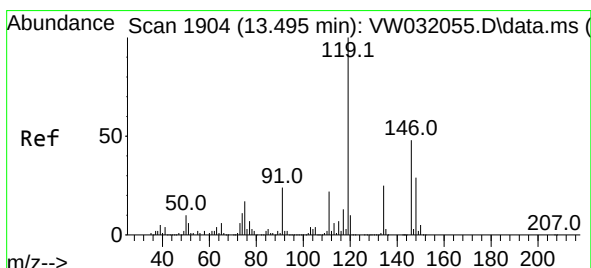
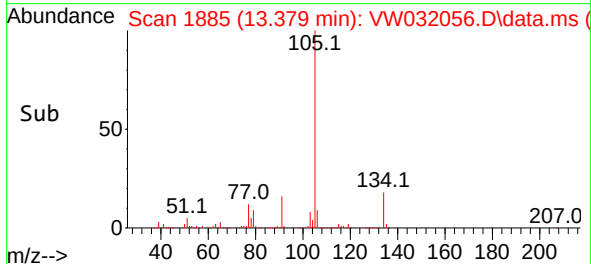
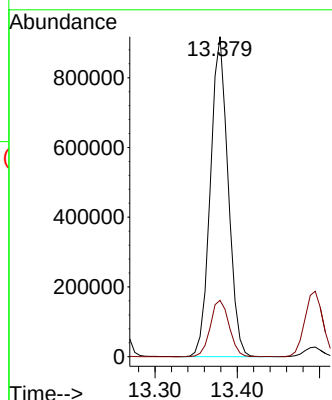
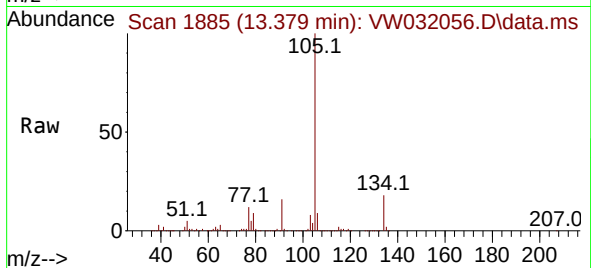
VSTDICC100

Tgt Ion:105 Resp: 1372324

Ion Ratio Lower Upper

105 100

134 18.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 100.630 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

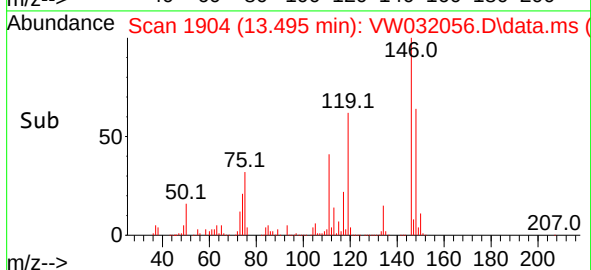
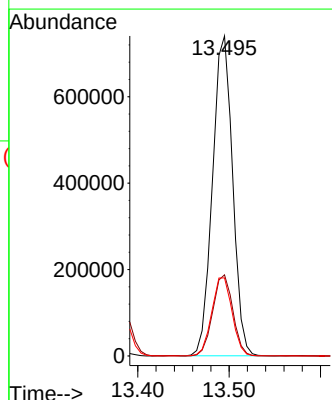
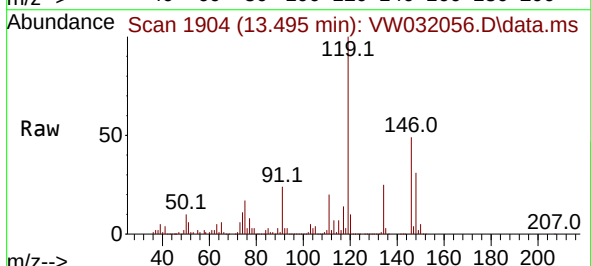
Tgt Ion:119 Resp: 1128935

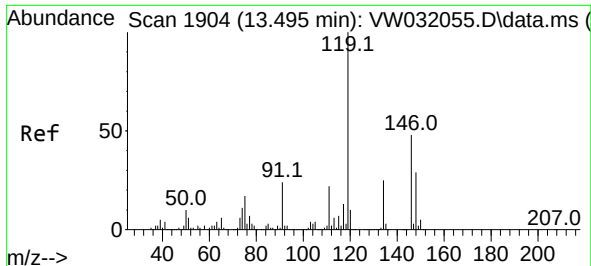
Ion Ratio Lower Upper

119 100

134 25.3 12.4 37.0

91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 95.298 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

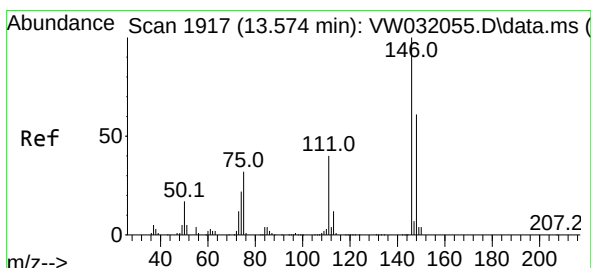
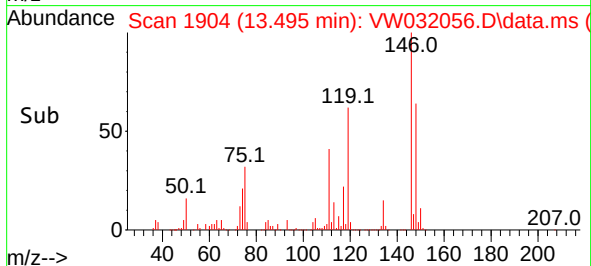
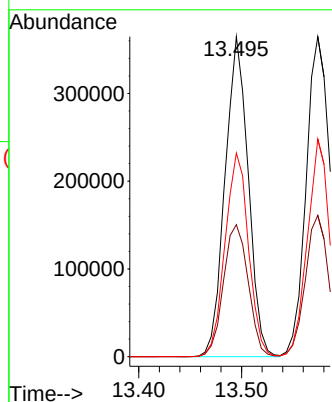
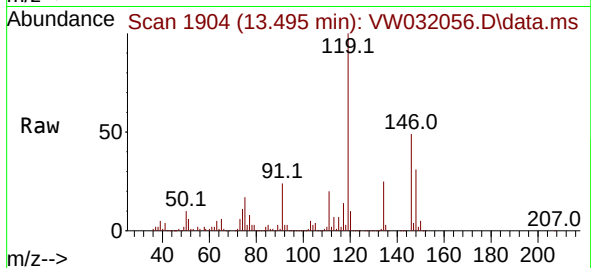
Tgt Ion:146 Resp: 572145

Ion Ratio Lower Upper

146 100

111 44.0 21.2 63.6

148 64.4 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 96.819 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

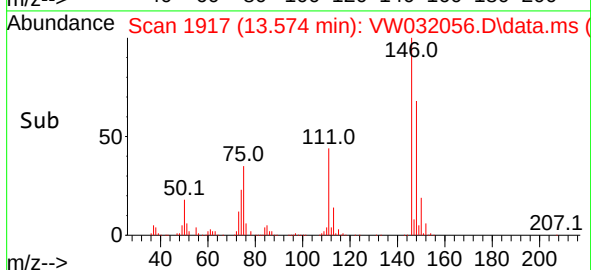
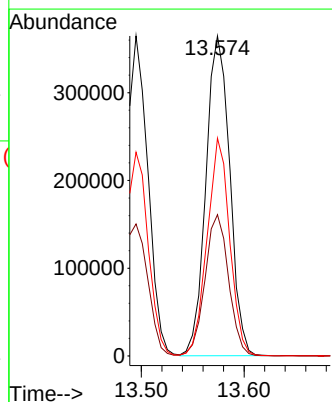
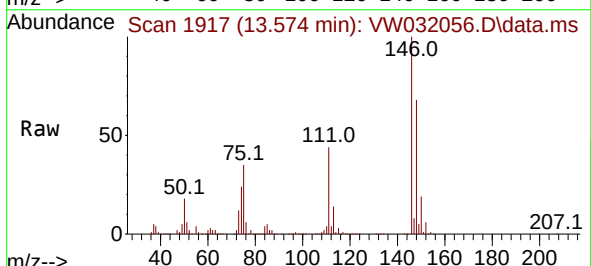
Tgt Ion:146 Resp: 587417

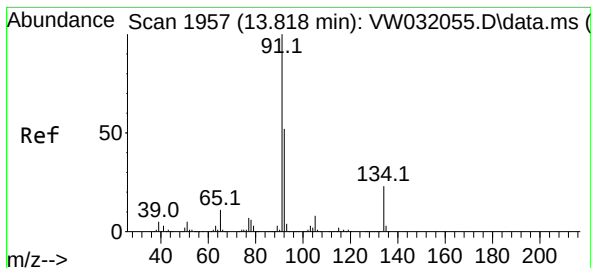
Ion Ratio Lower Upper

146 100

111 43.7 21.6 64.6

148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 101.235 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

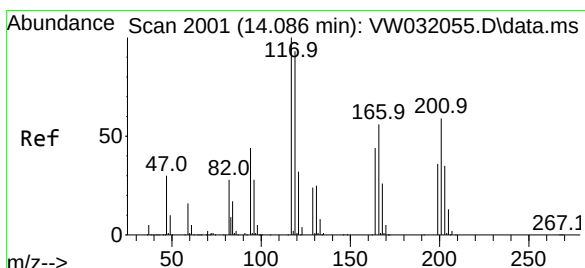
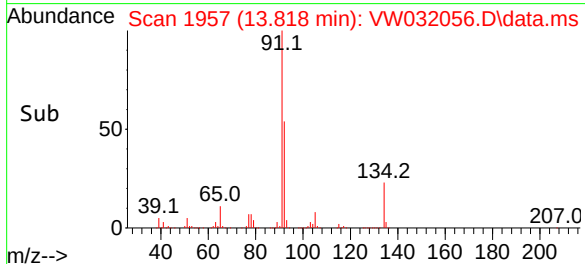
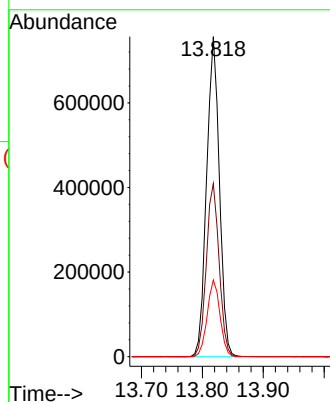
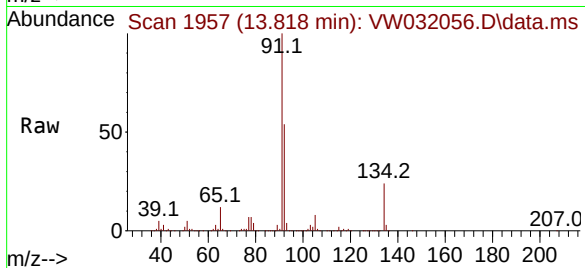
MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1103362

Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.7	80.1
134	24.0	12.0	36.1



#90

Hexachloroethane

Concen: 99.832 ug/l

RT: 14.086 min Scan# 2001

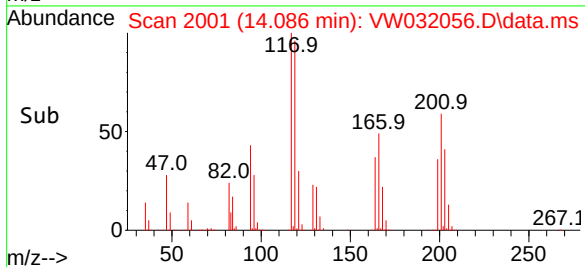
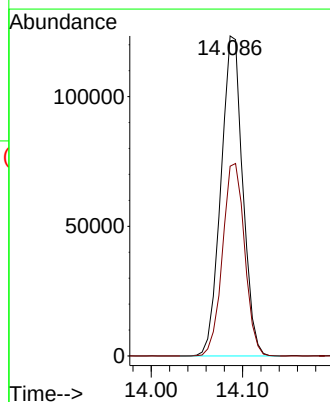
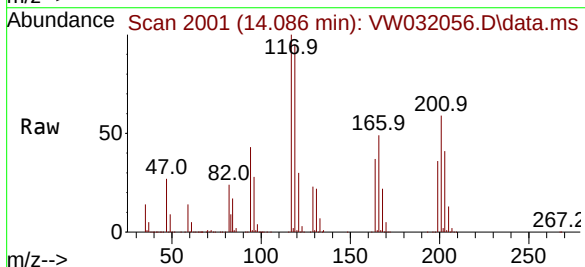
Delta R.T. -0.000 min

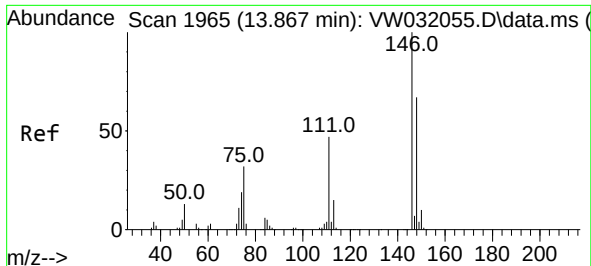
Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Tgt Ion: 117 Resp: 204823

Ion	Ratio	Lower	Upper
117	100		
201	60.9	30.9	92.5





#91

1,2-Dichlorobenzene

Concen: 96.387 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

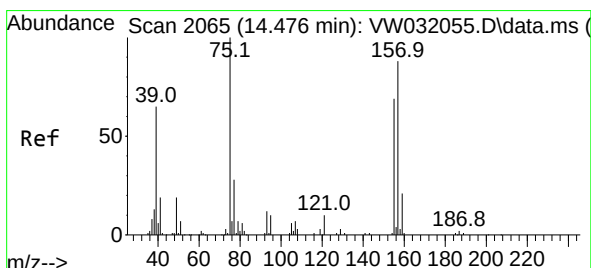
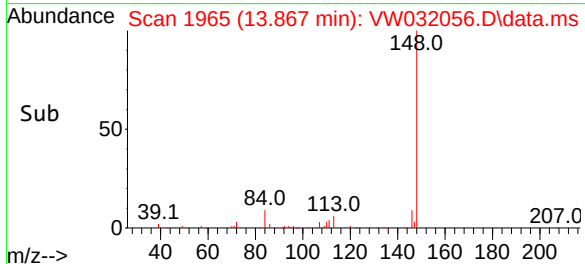
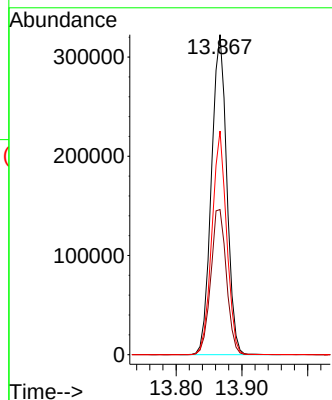
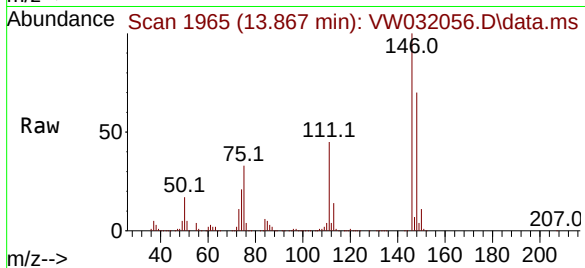
Tgt Ion:146 Resp: 524204

Ion Ratio Lower Upper

146 100

111 46.3 23.1 69.3

148 67.0 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 95.632 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

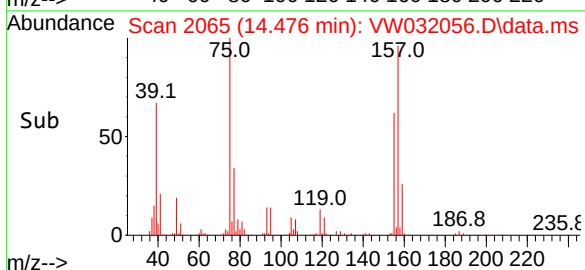
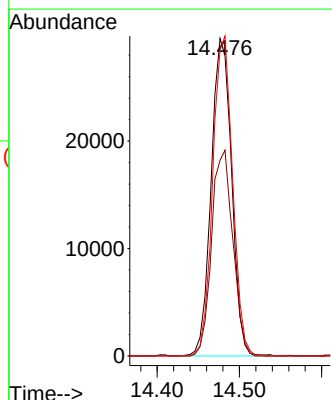
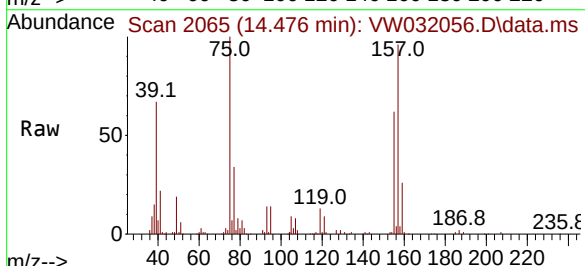
Tgt Ion: 75 Resp: 50993

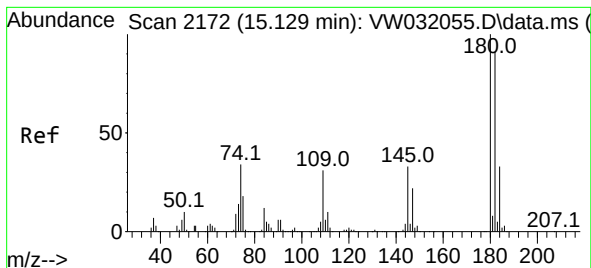
Ion Ratio Lower Upper

75 100

155 67.2 35.2 105.6

157 97.8 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 104.094 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

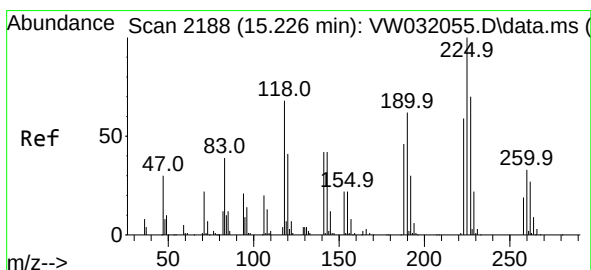
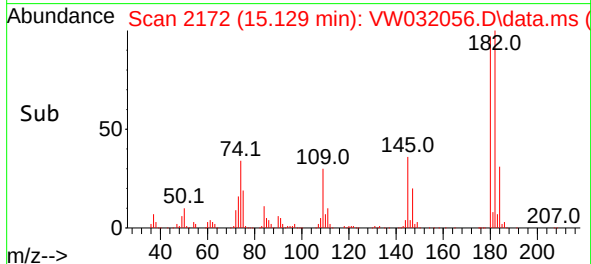
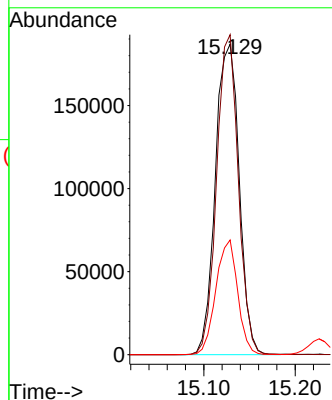
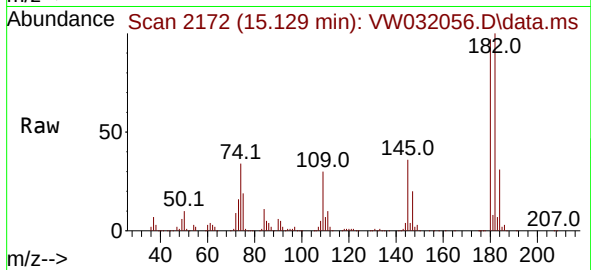
Tgt Ion:180 Resp: 338661

Ion Ratio Lower Upper

180 100

182 94.1 49.0 147.0

145 33.9 17.3 51.9



#94

Hexachlorobutadiene

Concen: 95.189 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

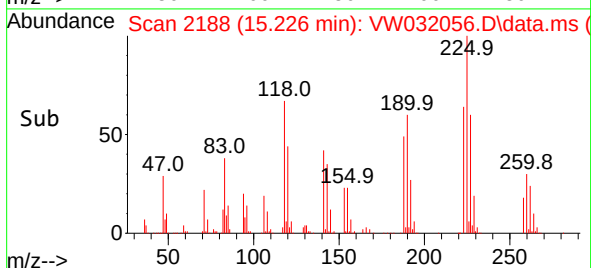
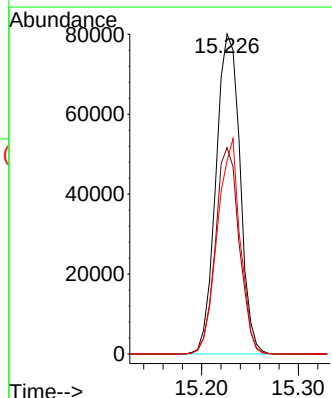
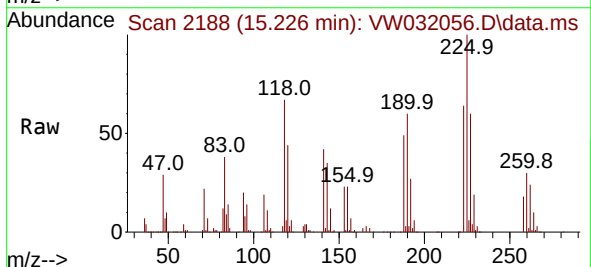
Tgt Ion:225 Resp: 138434

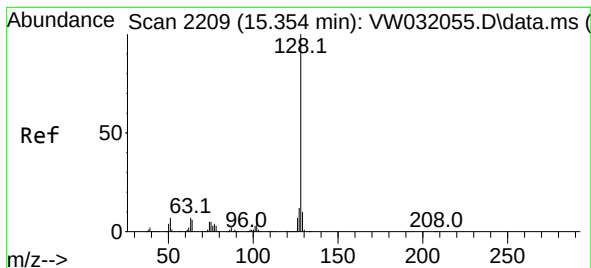
Ion Ratio Lower Upper

225 100

223 63.9 31.8 95.3

227 64.1 33.5 100.5





#95

Naphthalene

Concen: 105.533 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

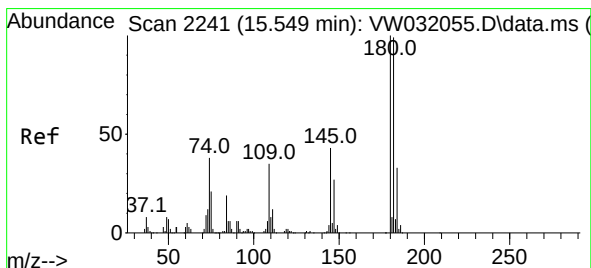
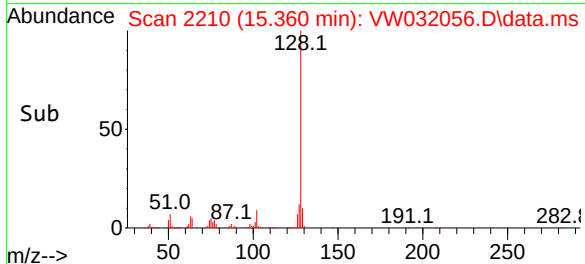
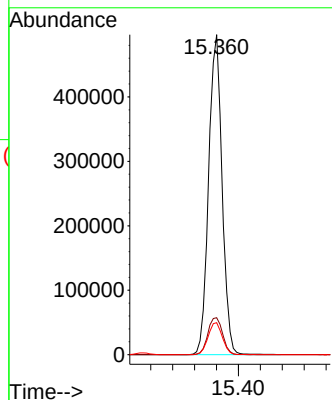
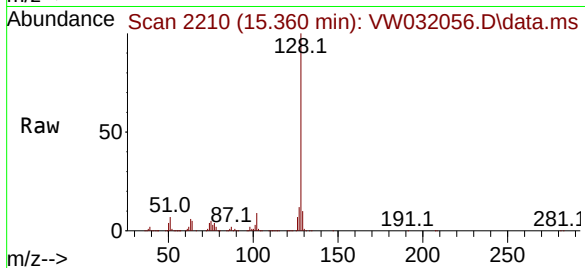
Tgt Ion:128 Resp: 841296

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.6 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 105.748 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032056.D

Acq: 11 Aug 2025 10:46

Tgt Ion:180 Resp: 313033

Ion Ratio Lower Upper

180 100

182 91.1 46.0 138.0

145 36.9 19.2 57.6

