

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032142.D
 Acq On : 26 Aug 2025 11:51
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 27 03:51:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	212660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	363183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	337595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	454909	149.576	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 299.160%#	
35) Dibromofluoromethane	7.898	113	377239	148.049	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 296.100%#	
50) Toluene-d8	10.331	98	1365264	152.629	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 305.260%#	
62) 4-Bromofluorobenzene	12.617	95	509512	154.039	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 308.080%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	192587	137.167	ug/l	97
3) Chloromethane	2.259	50	210524	143.009	ug/l	100
4) Vinyl Chloride	2.405	62	256644	134.226	ug/l	95
5) Bromomethane	2.814	94	244946	143.458	ug/l	97
6) Chloroethane	2.966	64	193730	143.874	ug/l	98
7) Trichlorofluoromethane	3.301	101	291416	153.823	ug/l	91
8) Diethyl Ether	3.722	74	195629	138.373	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	289634	135.714	ug/l	98
10) Methyl Iodide	4.313	142	446397	137.369	ug/l	100
11) Tert butyl alcohol	5.222	59	141240	759.234	ug/l	97
12) 1,1-Dichloroethene	4.076	96	314257	139.822	ug/l	99
13) Acrolein	3.929	56	211447	739.433	ug/l	98
14) Allyl chloride	4.704	41	459410	143.902	ug/l	99
15) Acrylonitrile	5.405	53	512853	746.122	ug/l	98
16) Acetone	4.161	43	440565	668.879	ug/l	97
17) Carbon Disulfide	4.423	76	801995	142.669	ug/l	100
18) Methyl Acetate	4.710	43	319825	152.398	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	611768	144.143	ug/l	99
20) Methylene Chloride	4.960	84	353777	150.295	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	356921	142.157	ug/l	92
22) Diisopropyl ether	6.344	45	1024195	147.400	ug/l	98
23) Vinyl Acetate	6.283	43	3680242	779.030	ug/l	99
24) 1,1-Dichloroethane	6.240	63	641157	140.949	ug/l	99
25) 2-Butanone	7.191	43	712281	763.150	ug/l	97
26) 2,2-Dichloropropane	7.185	77	351365	145.860	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	439540	143.865	ug/l	99
28) Bromochloromethane	7.532	49	310783	149.248	ug/l	100
29) Tetrahydrofuran	7.551	42	456986	770.497	ug/l	99
30) Chloroform	7.697	83	736537	141.817	ug/l	99
31) Cyclohexane	7.971	56	497279	133.190	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	535215	141.170	ug/l	99
36) 1,1-Dichloropropene	8.093	75	472017	142.873	ug/l	98
37) Ethyl Acetate	7.276	43	302607	152.685	ug/l	100
38) Carbon Tetrachloride	8.087	117	509127	143.753	ug/l	98
39) Methylcyclohexane	9.343	83	585727	149.682	ug/l	99
40) Benzene	8.337	78	1453606	142.338	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	169026	153.505	ug/l	95
42) 1,2-Dichloroethane	8.410	62	508053	143.507	ug/l	100
43) Isopropyl Acetate	8.435	43	583075	156.822	ug/l	98
44) Trichloroethene	9.099	130	373687	145.505	ug/l	91
45) 1,2-Dichloropropane	9.374	63	351218	142.666	ug/l	100
46) Dibromomethane	9.465	93	243465	141.000	ug/l	99
47) Bromodichloromethane	9.654	83	581251	148.131	ug/l	93
48) Methyl methacrylate	9.441	41	278566	162.575	ug/l	98
49) 1,4-Dioxane	9.465	88	66706	3197.399	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	1599863	762.051	ug/l	99
52) Toluene	10.392	92	957220	143.435	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	555802	160.564	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	604600	153.074	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	324211	144.392	ug/l	98
56) Ethyl methacrylate	10.648	69	476215	165.894	ug/l	97
57) 1,3-Dichloropropane	10.934	76	542178	144.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	1264307	825.160	ug/l	99
59) 2-Hexanone	10.971	43	1152381	789.253	ug/l	100
60) Dibromochloromethane	11.129	129	408737	150.438	ug/l	95
61) 1,2-Dibromoethane	11.239	107	330479	149.669	ug/l	99
64) Tetrachloroethene	10.861	164	311674	140.272	ug/l	92
65) Chlorobenzene	11.660	112	1082491	140.873	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	376695	148.901	ug/l	99
67) Ethyl Benzene	11.733	91	1886049	149.806	ug/l	99
68) m/p-Xylenes	11.837	106	1416558	292.350	ug/l	97
69) o-Xylene	12.166	106	707888	154.451	ug/l	98
70) Styrene	12.178	104	1236547	153.051	ug/l	97
71) Bromoform	12.349	173	240584	160.118	ug/l #	97
73) Isopropylbenzene	12.458	105	1786971	161.883	ug/l	100
74) N-amyl acetate	12.269	43	542121	169.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	403226	153.706	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	512832	243.760	ug/l #	1
77) Bromobenzene	12.745	156	440488	156.481	ug/l	98
78) n-propylbenzene	12.800	91	2120830	158.250	ug/l	98
79) 2-Chlorotoluene	12.891	91	1283524	156.618	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	1493220	159.771	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	136029	179.923	ug/l	94
82) 4-Chlorotoluene	12.989	91	1341754	152.954	ug/l	99
83) tert-Butylbenzene	13.202	119	1264671	159.592	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	1528604	158.090	ug/l	99
85) sec-Butylbenzene	13.379	105	1883544	159.198	ug/l	98
86) p-Isopropyltoluene	13.495	119	1604066	159.424	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	827718	146.037	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	857389	150.918	ug/l	94
89) n-Butylbenzene	13.818	91	1530726	159.573	ug/l	99
90) Hexachloroethane	14.086	117	295110	160.350	ug/l	95
91) 1,2-Dichlorobenzene	13.861	146	750254	149.508	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	76149	164.310	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	494705	154.301	ug/l	97
94) Hexachlorobutadiene	15.226	225	231073	145.321	ug/l	98
95) Naphthalene	15.354	128	1230735	169.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.555	180	470621	157.838	ug/l	98

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ClientSampleId :
VSTDICC150

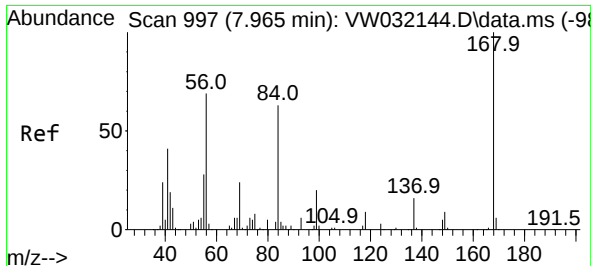
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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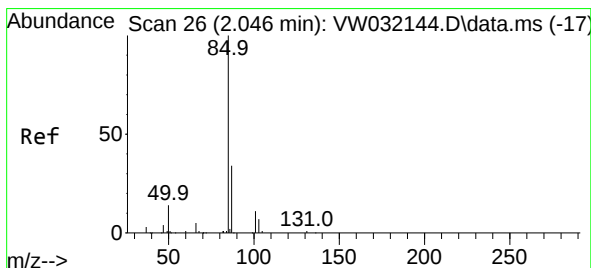
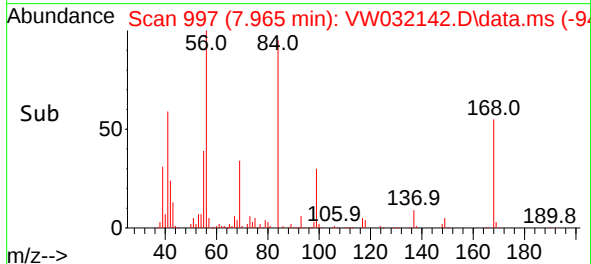
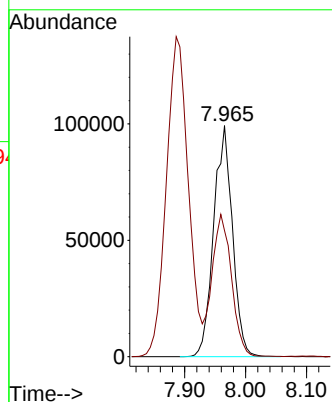
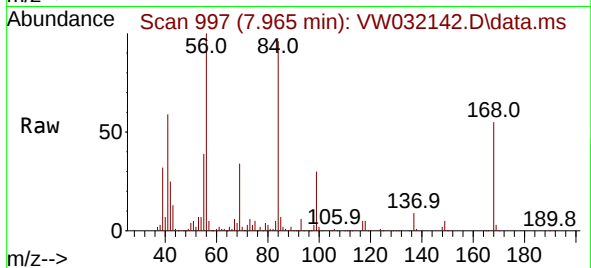




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032142.D
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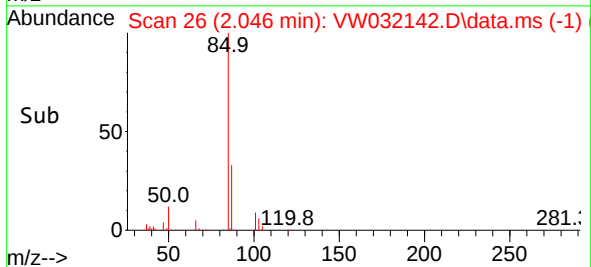
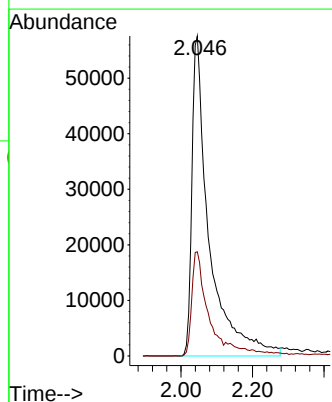
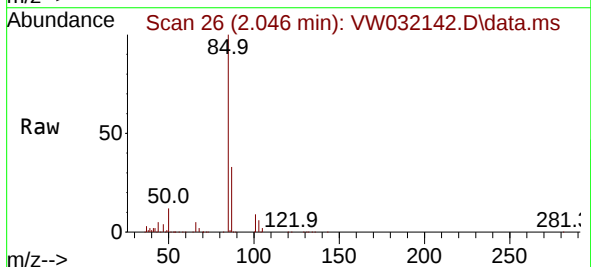
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

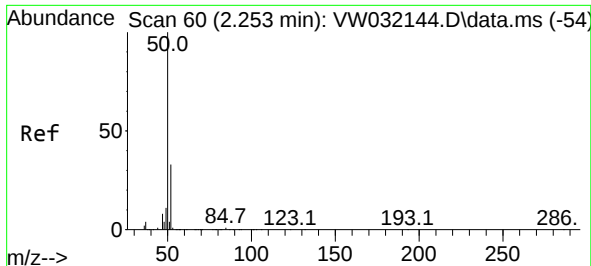
Tgt Ion:168 Resp: 212660
Ion Ratio Lower Upper
168 100
99 54.4 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 137.167 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 85 Resp: 192587
Ion Ratio Lower Upper
85 100
87 32.6 17.2 51.6

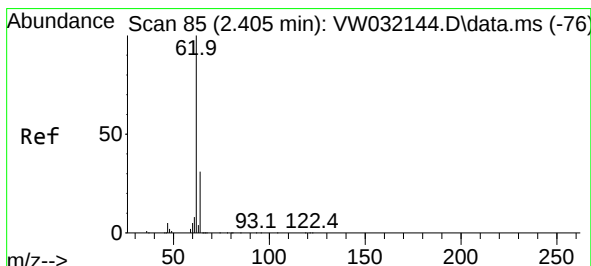
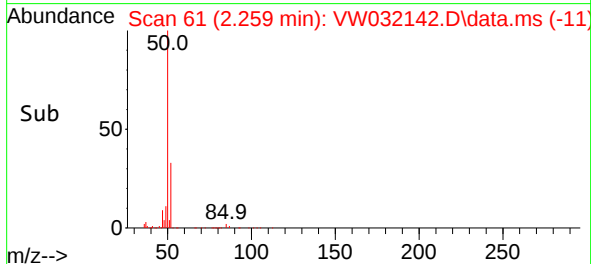
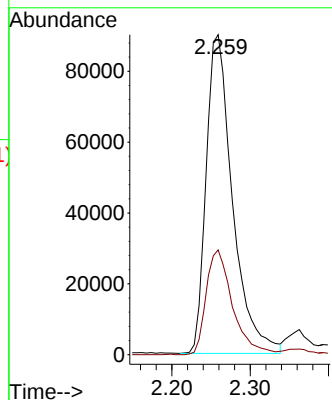
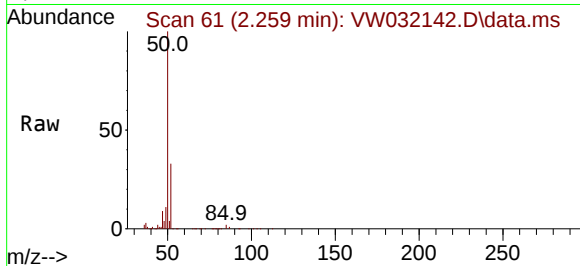




#3
Chloromethane
Concen: 143.009 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

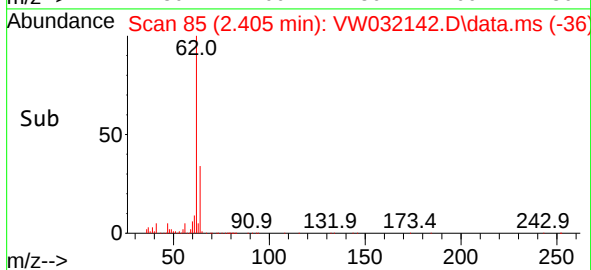
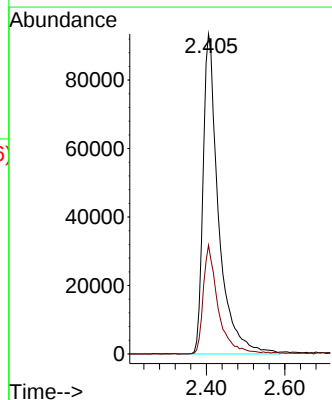
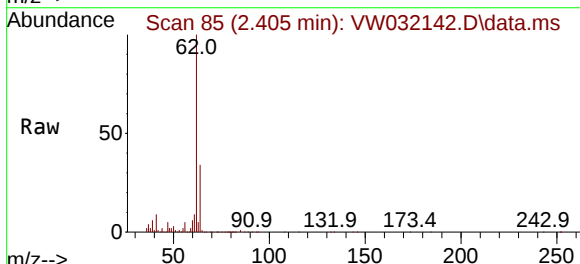
Instrument :
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ClientSampleId :
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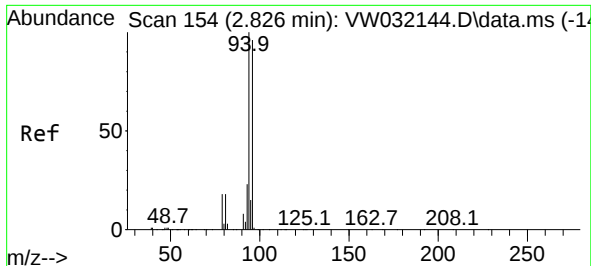
Tgt Ion: 50 Resp: 210524
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 134.226 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 62 Resp: 256644
Ion Ratio Lower Upper
62 100
64 34.0 24.8 37.2

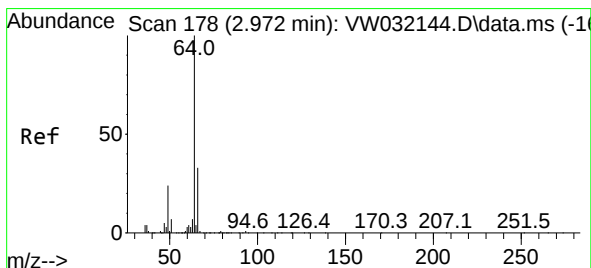
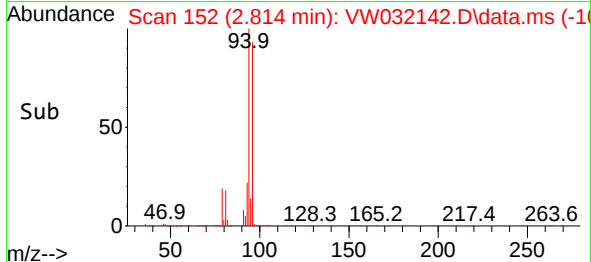
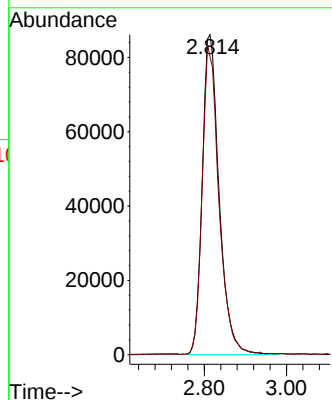
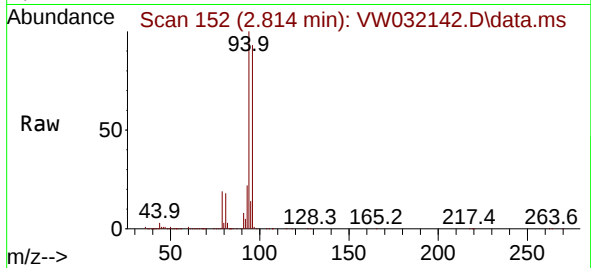




#5
Bromomethane
Concen: 143.458 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

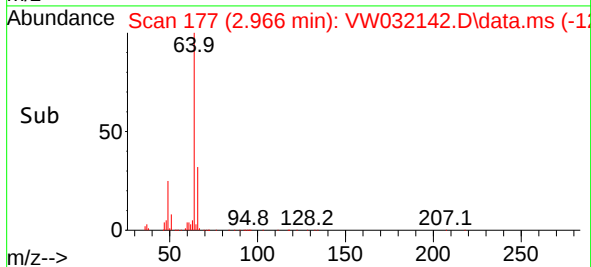
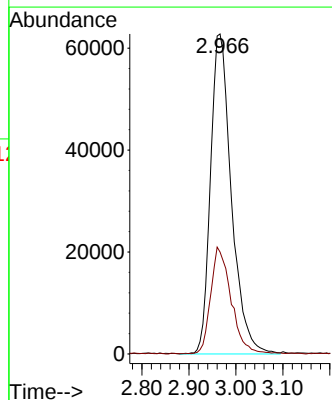
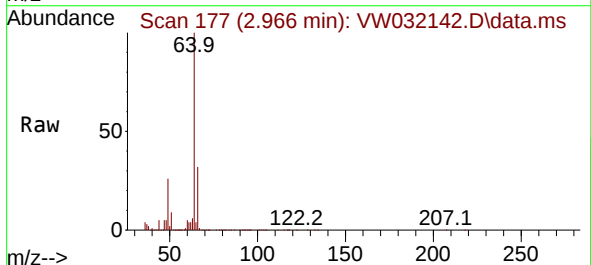
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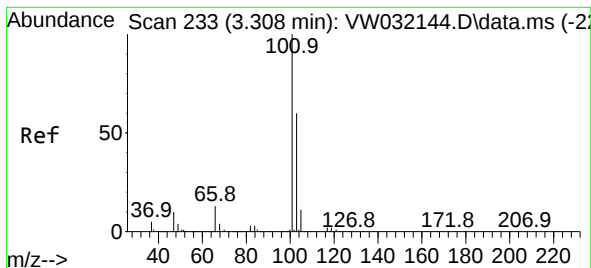
Tgt Ion: 94 Resp: 244946
Ion Ratio Lower Upper
94 100
96 93.1 76.6 115.0



#6
Chloroethane
Concen: 143.874 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 64 Resp: 193730
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4





#7

Trichlorofluoromethane

Concen: 153.823 ug/l

RT: 3.301 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

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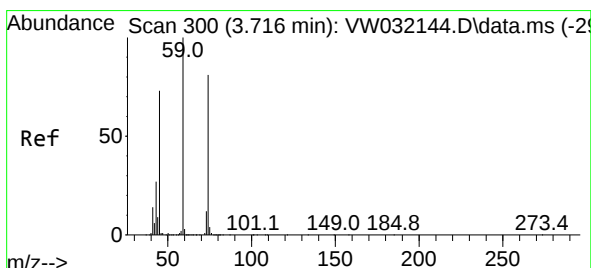
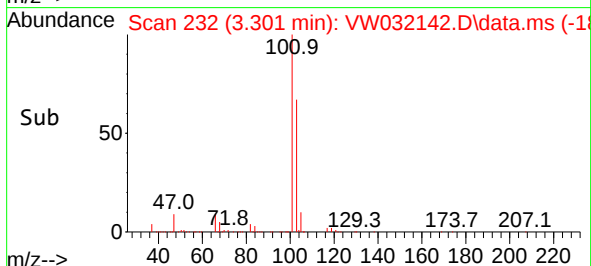
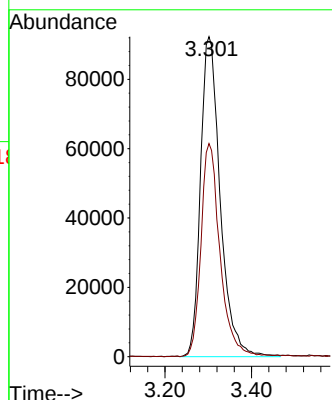
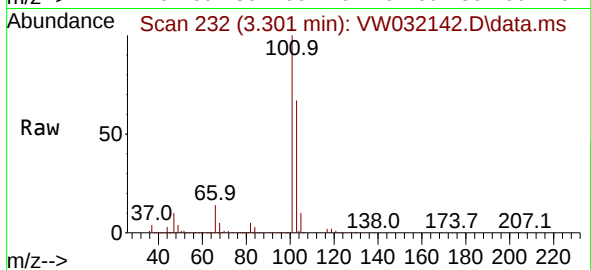
VSTDICC150

Tgt Ion:101 Resp: 291416

Ion Ratio Lower Upper

101 100

103 66.5 47.8 71.8



#8

Diethyl Ether

Concen: 138.373 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.006 min

Lab File: VW032142.D

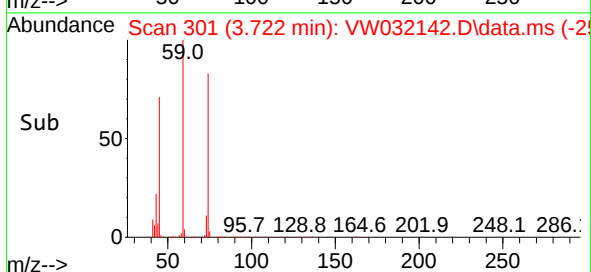
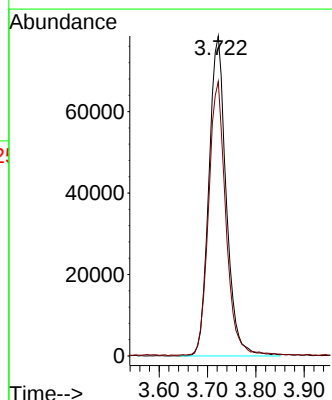
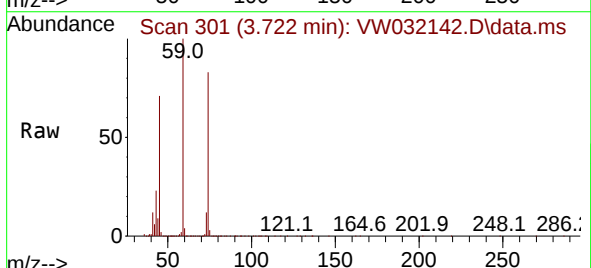
Acq: 26 Aug 2025 11:51

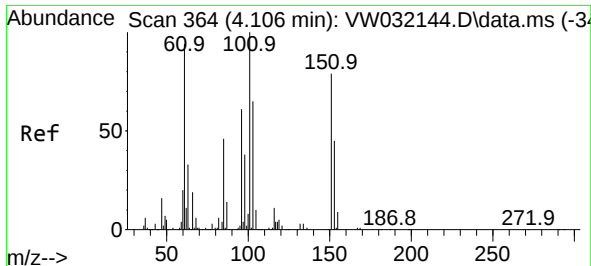
Tgt Ion: 74 Resp: 195629

Ion Ratio Lower Upper

74 100

45 85.9 43.1 129.4

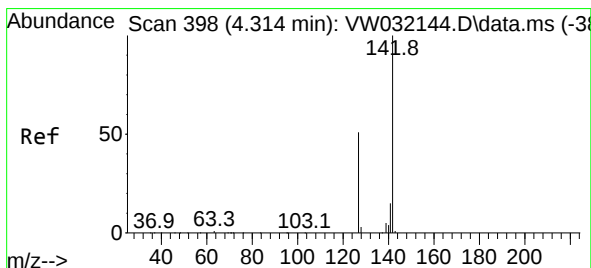
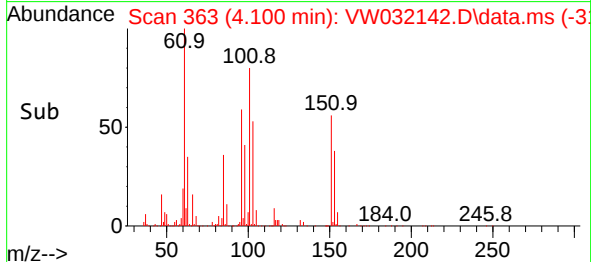
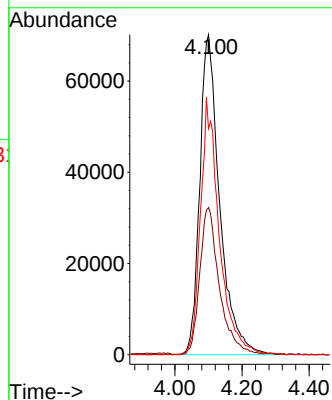
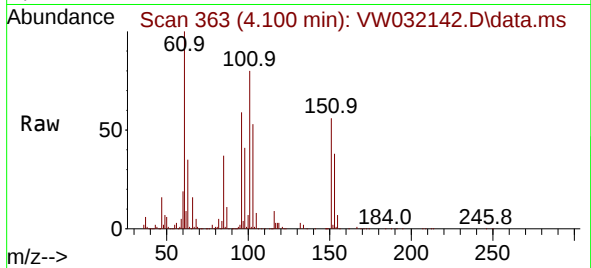




#9
1,1,2-Trichlorotrifluoroethane
Concen: 135.714 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

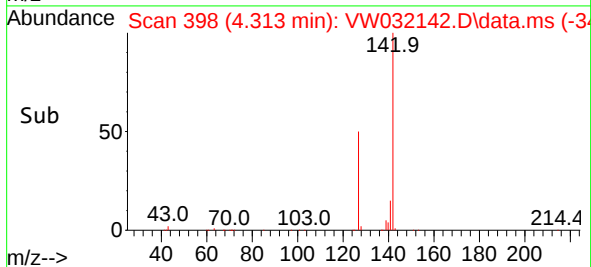
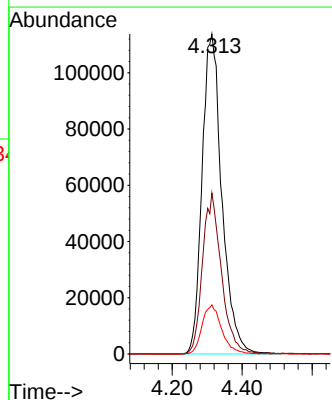
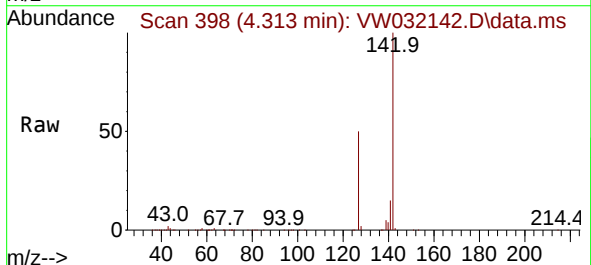
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

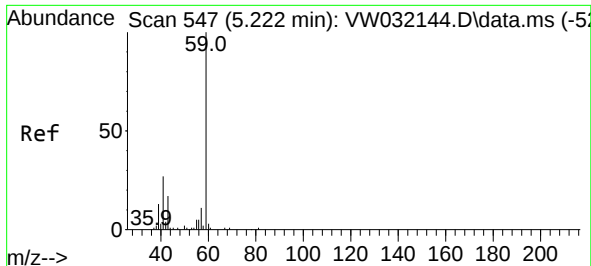
Tgt Ion:101 Resp: 289634
Ion Ratio Lower Upper
101 100
85 45.1 37.1 55.7
151 75.5 61.5 92.3



#10
Methyl Iodide
Concen: 137.369 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:142 Resp: 446397
Ion Ratio Lower Upper
142 100
127 47.9 38.2 57.2
141 15.2 12.2 18.2

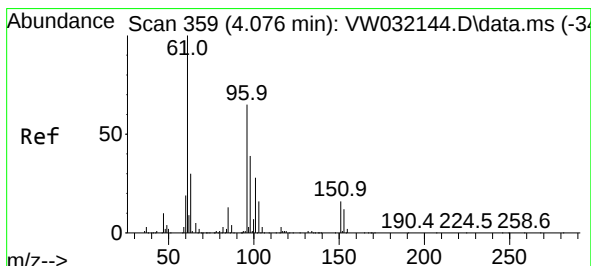
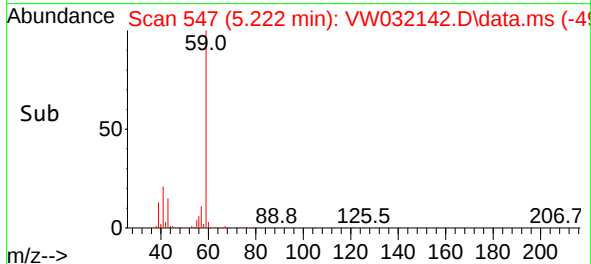
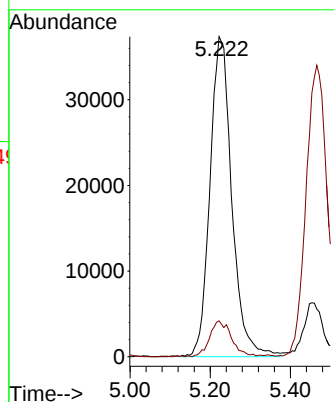
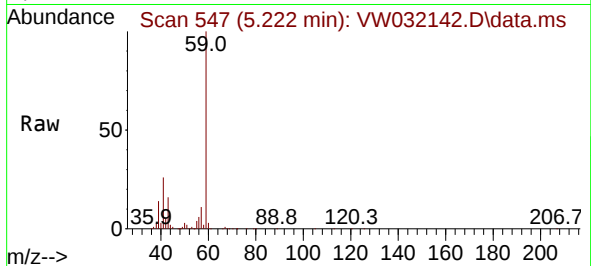




#11
Tert butyl alcohol
Concen: 759.234 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

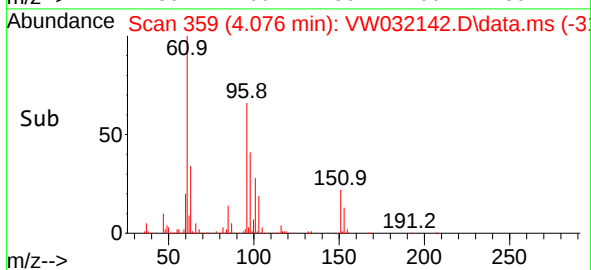
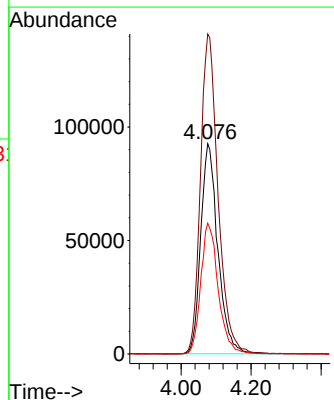
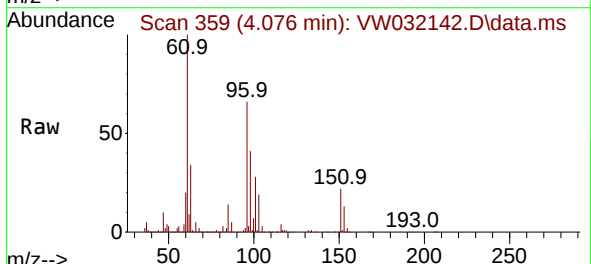
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

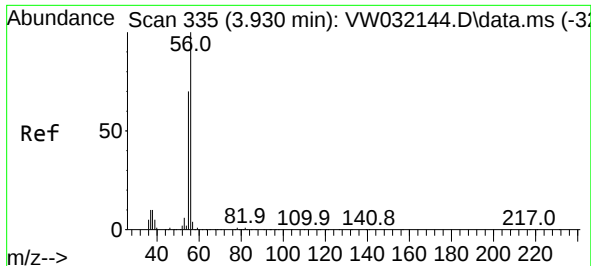
Tgt Ion: 59 Resp: 141240
Ion Ratio Lower Upper
59 100
57 11.2 9.8 14.6



#12
1,1-Dichloroethene
Concen: 139.822 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 96 Resp: 314257
Ion Ratio Lower Upper
96 100
61 152.2 123.0 184.4
98 62.2 48.5 72.7

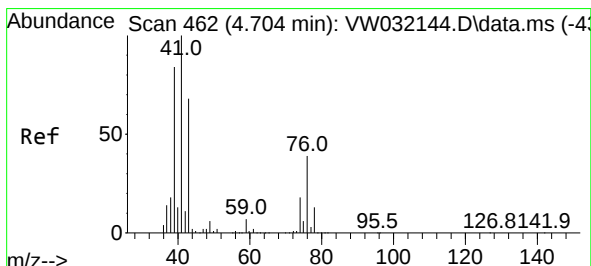
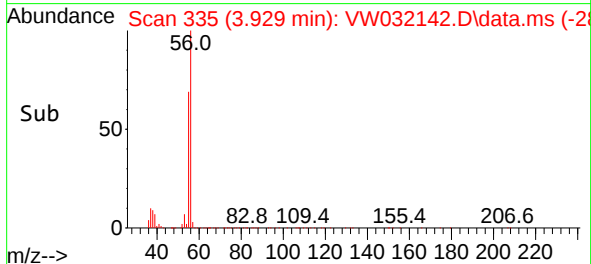
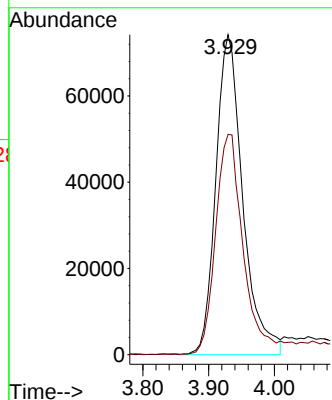
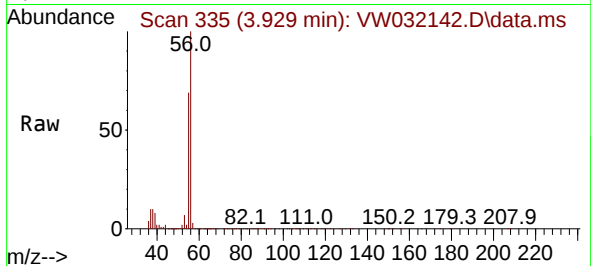




#13
Acrolein
Concen: 739.433 ug/l
RT: 3.929 min Scan# 311
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

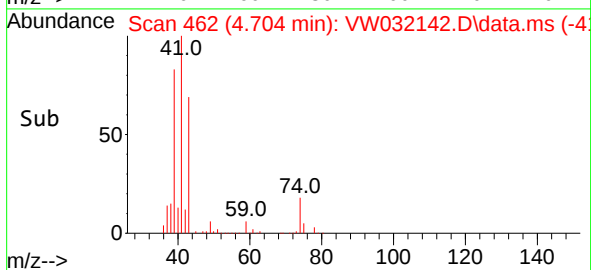
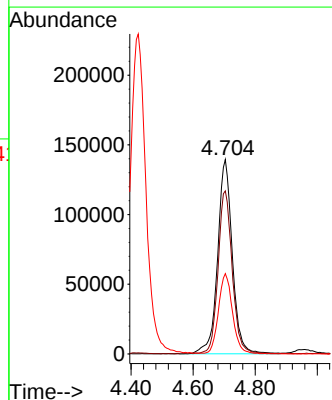
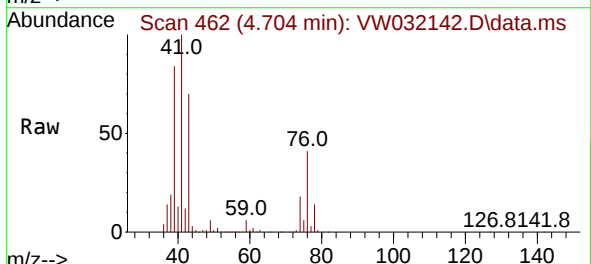
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

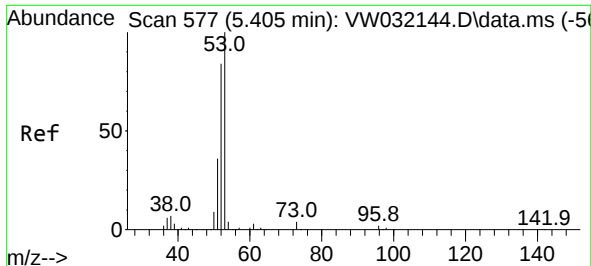
Tgt Ion: 56 Resp: 211447
Ion Ratio Lower Upper
56 100
55 72.0 56.4 84.6



#14
Allyl chloride
Concen: 143.902 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 41 Resp: 459410
Ion Ratio Lower Upper
41 100
39 80.7 64.1 96.1
76 38.9 31.4 47.2

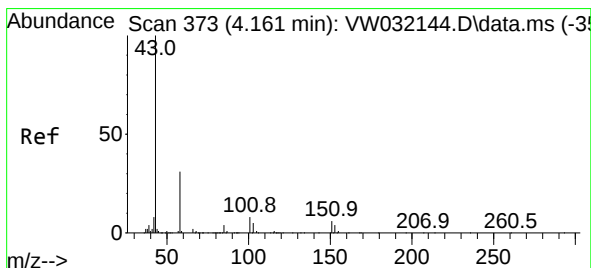
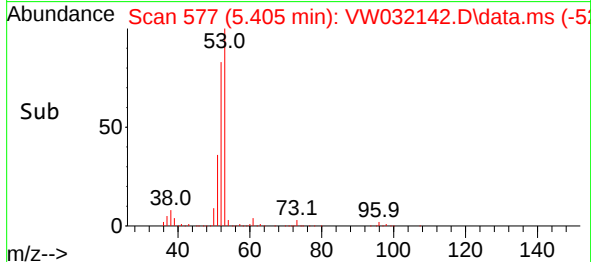
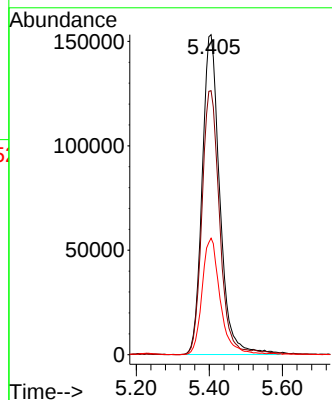
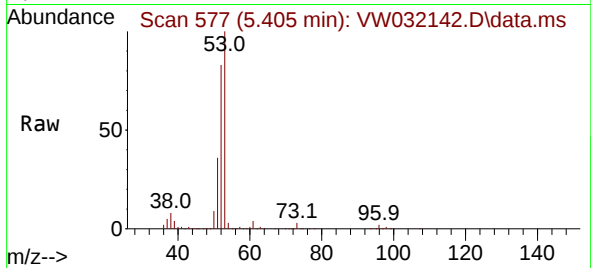




#15
Acrylonitrile
Concen: 746.122 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

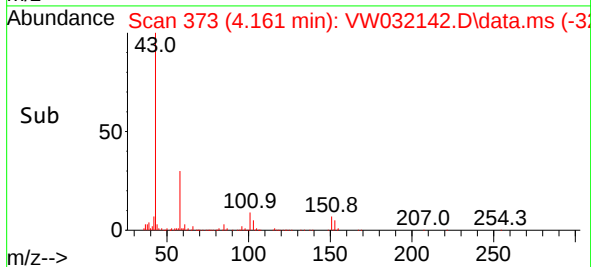
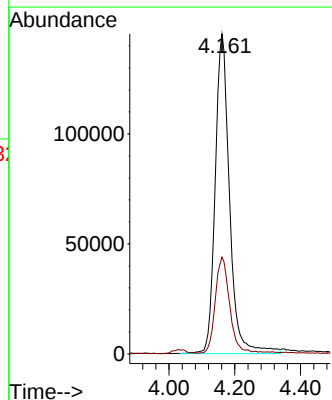
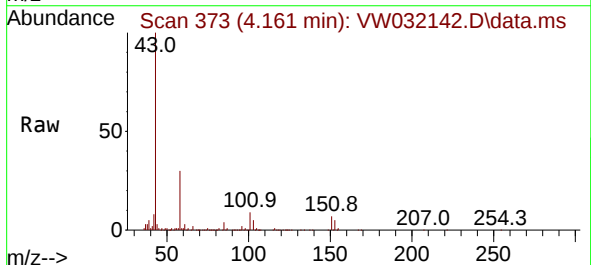
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

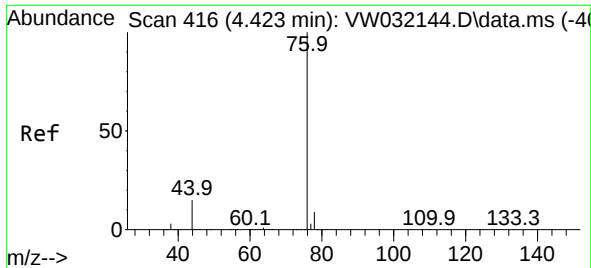
Tgt Ion: 53 Resp: 512853
Ion Ratio Lower Upper
53 100
52 82.0 67.4 101.2
51 37.5 30.3 45.5



#16
Acetone
Concen: 668.879 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 440565
Ion Ratio Lower Upper
43 100
58 29.8 25.3 37.9

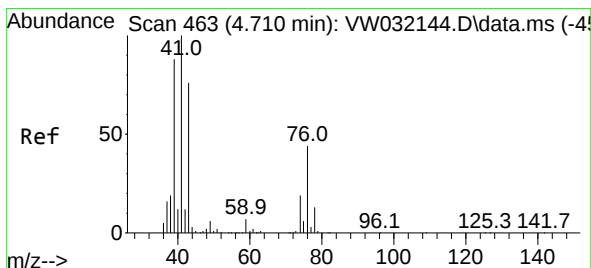
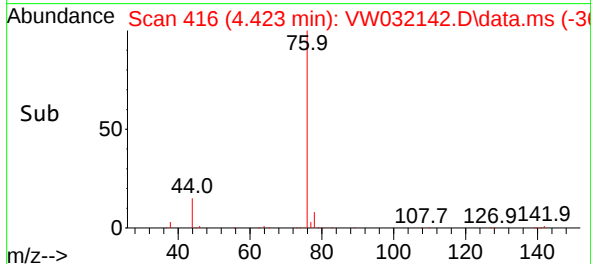
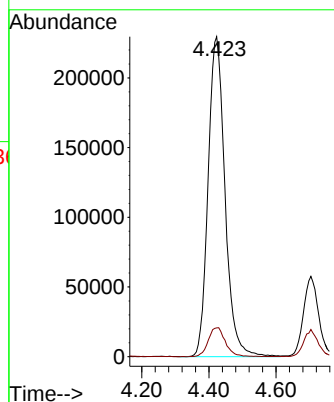
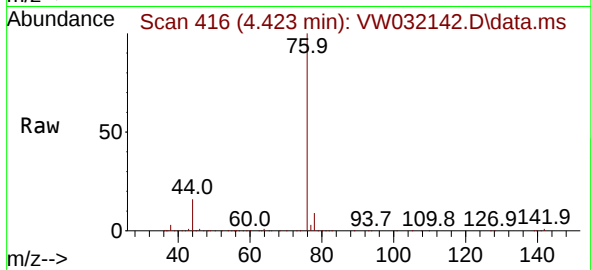




#17
Carbon Disulfide
Concen: 142.669 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

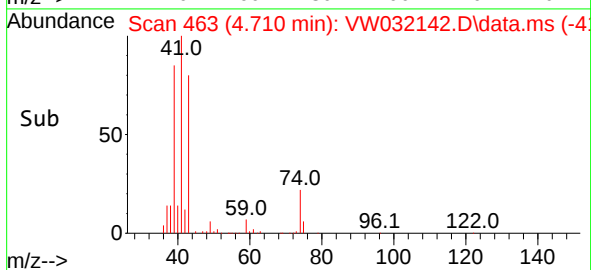
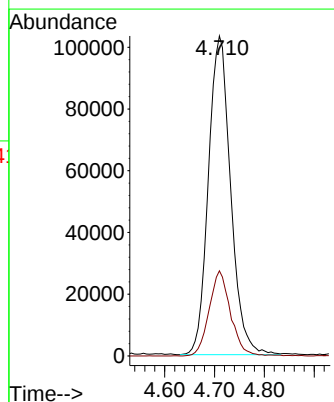
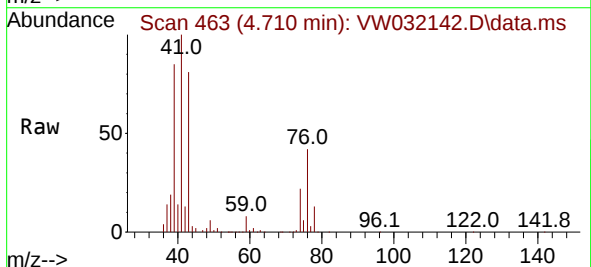
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

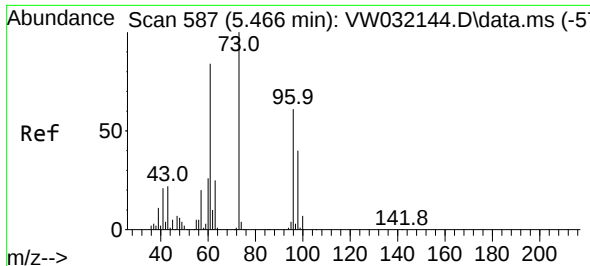
Tgt Ion: 76 Resp: 801995
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 152.398 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 319825
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.4

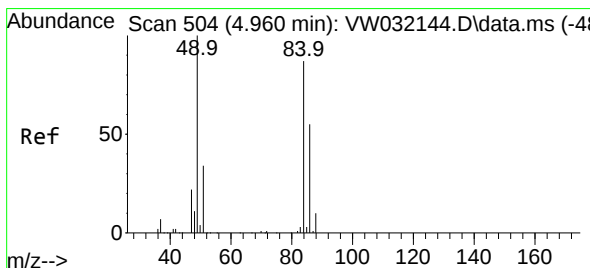
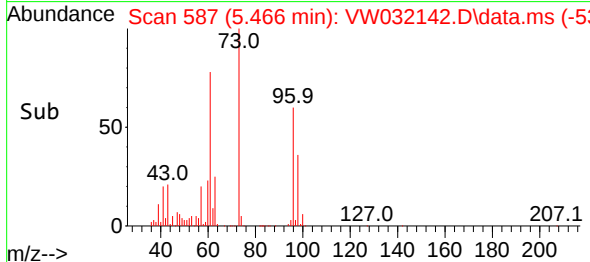
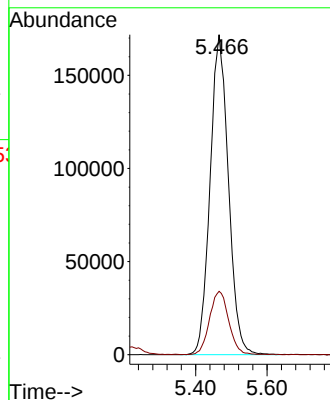
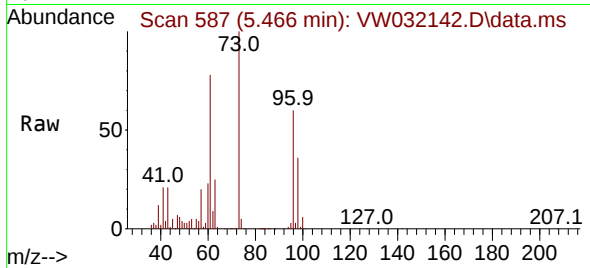




#19
Methyl tert-butyl Ether
Concen: 144.143 ug/l
RT: 5.466 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

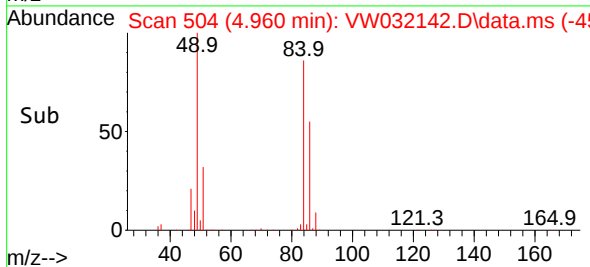
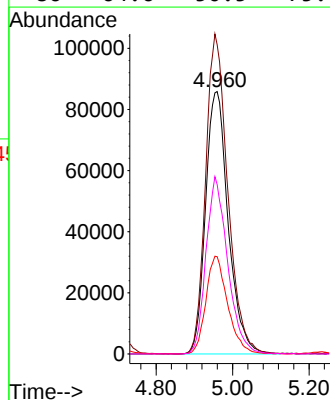
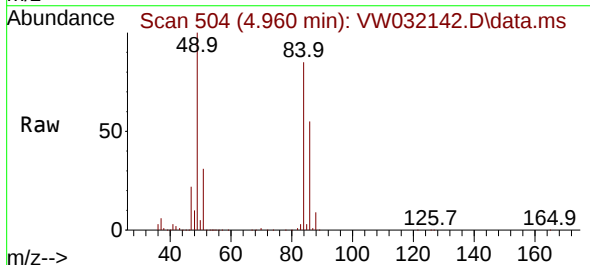
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

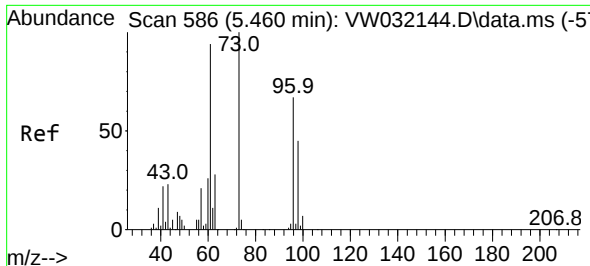
Tgt Ion: 73 Resp: 611768
Ion Ratio Lower Upper
73 100
57 19.7 16.2 24.4



#20
Methylene Chloride
Concen: 150.295 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 84 Resp: 353777
Ion Ratio Lower Upper
84 100
49 117.7 92.2 138.4
51 37.1 31.0 46.6
86 64.6 50.5 75.7

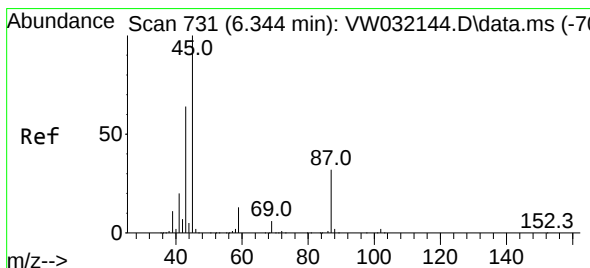
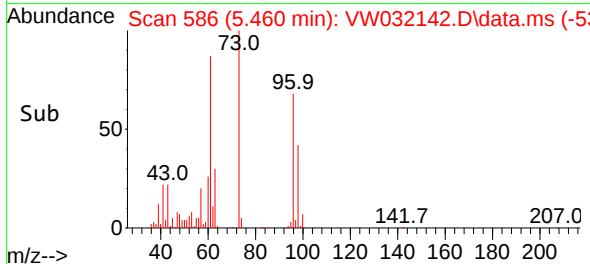
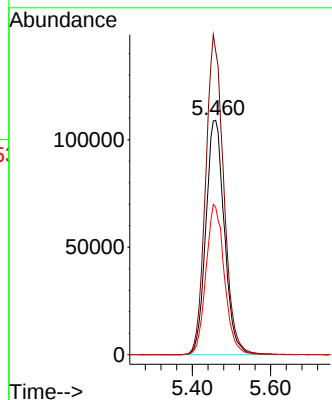
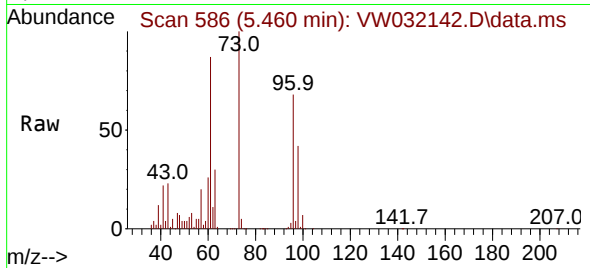




#21
trans-1,2-Dichloroethene
Concen: 142.157 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

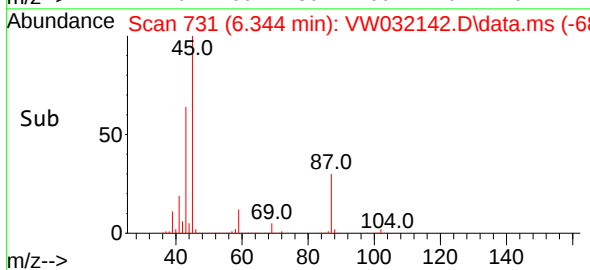
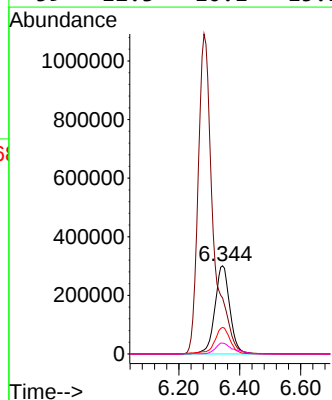
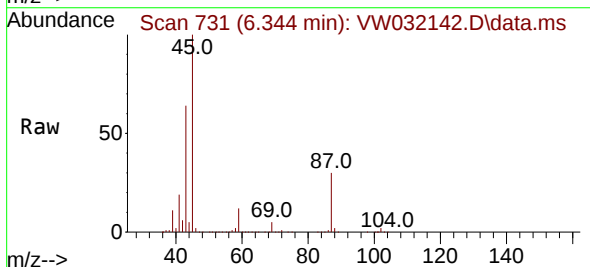
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

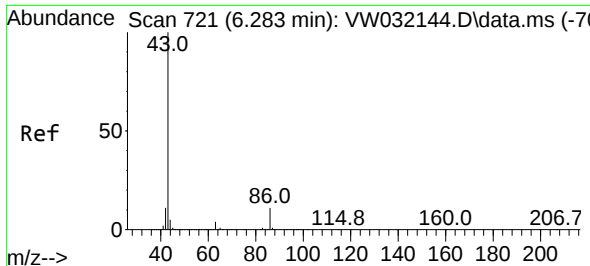
Tgt Ion: 96 Resp: 356921
Ion Ratio Lower Upper
96 100
61 129.4 112.5 168.7
98 62.8 54.2 81.4



#22
Diisopropyl ether
Concen: 147.400 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 45 Resp: 1024195
Ion Ratio Lower Upper
45 100
43 63.6 51.4 77.2
87 30.1 25.9 38.9
59 12.3 10.1 15.1

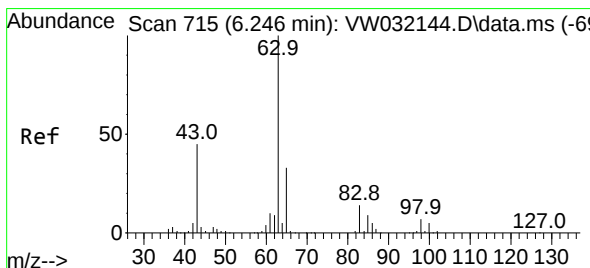
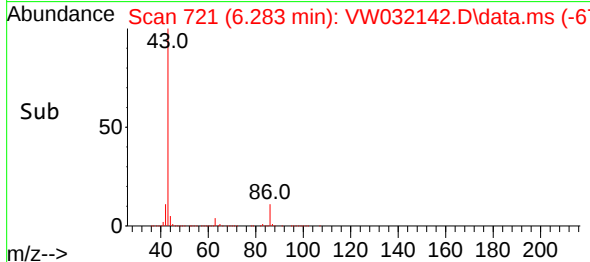
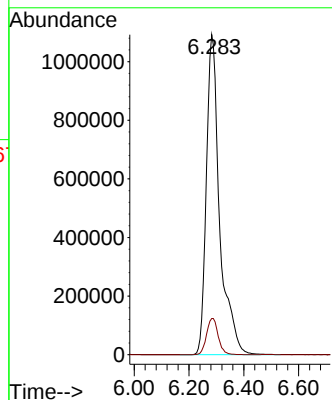
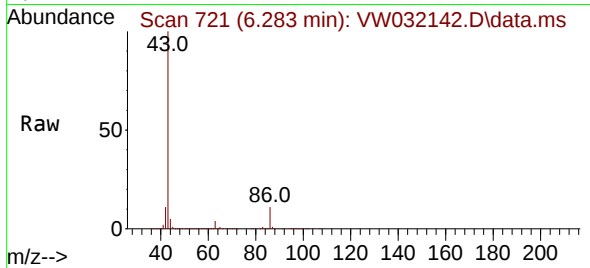




#23
 Vinyl Acetate
 Concen: 779.030 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032142.D
 Acq: 26 Aug 2025 11:51

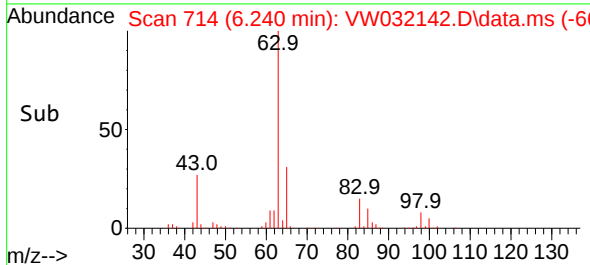
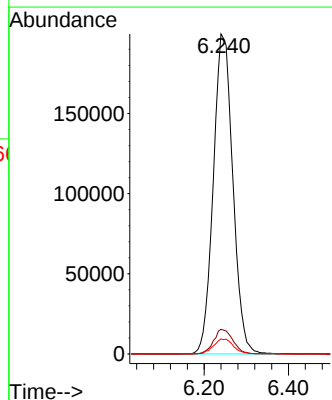
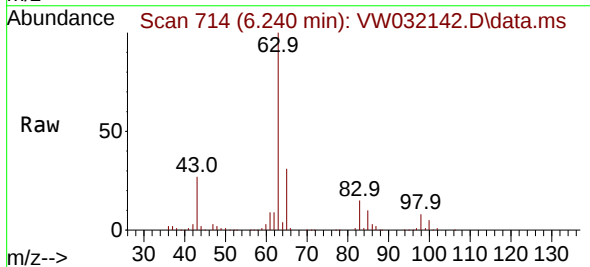
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

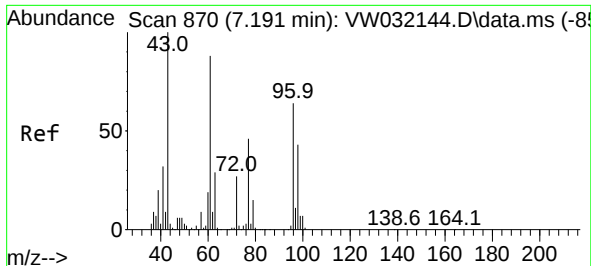
Tgt Ion: 43 Resp: 3680242
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 140.949 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032142.D
 Acq: 26 Aug 2025 11:51

Tgt Ion: 63 Resp: 641157
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.7 2.5 7.5

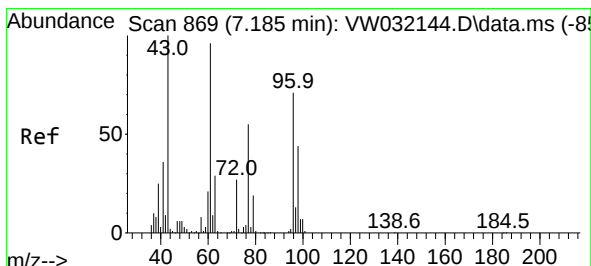
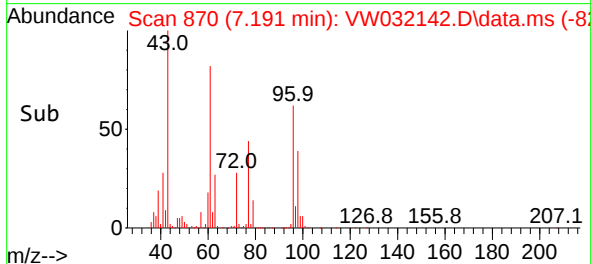
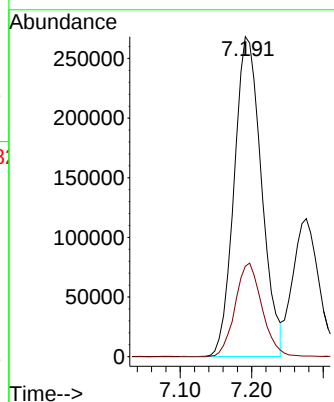
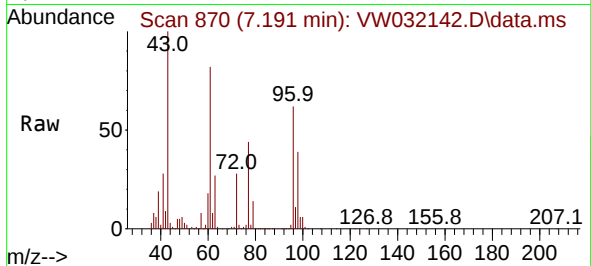




#25
2-Butanone
Concen: 763.150 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

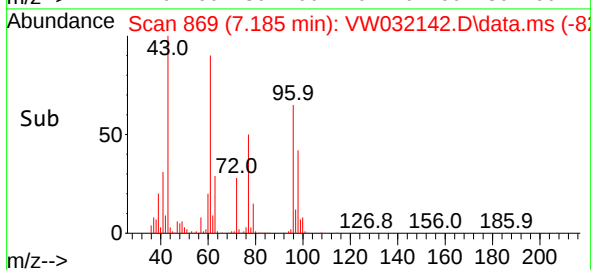
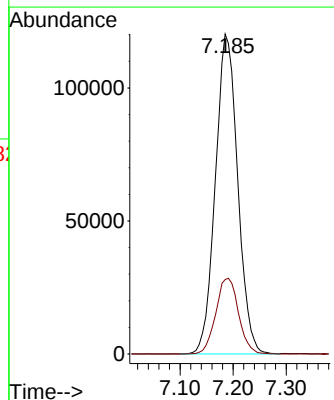
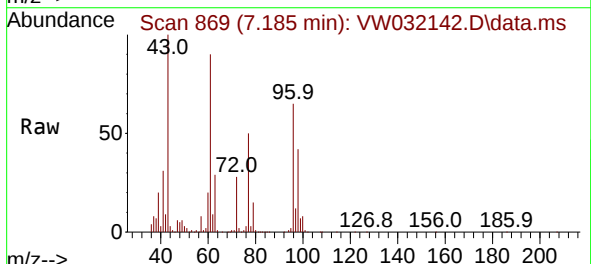
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

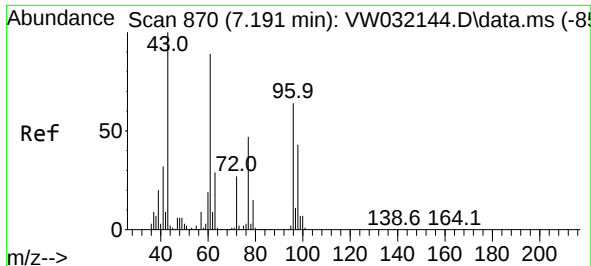
Tgt Ion: 43 Resp: 712281
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 145.860 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 77 Resp: 351365
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 143.865 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

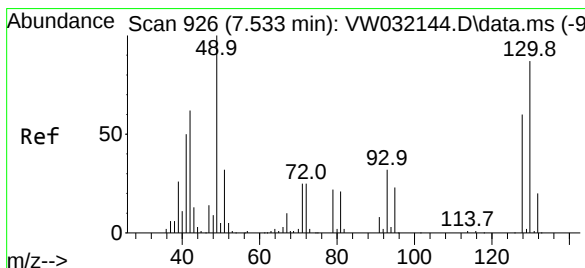
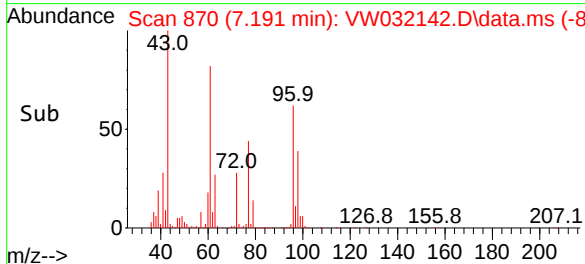
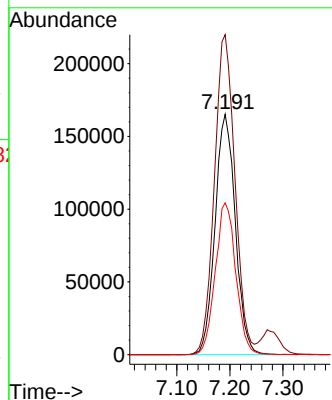
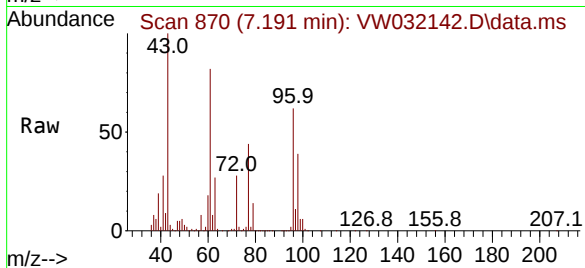
Tgt Ion: 96 Resp: 439540

Ion Ratio Lower Upper

96 100

61 134.8 0.0 268.0

98 64.1 0.0 130.8



#28

Bromochloromethane

Concen: 149.248 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

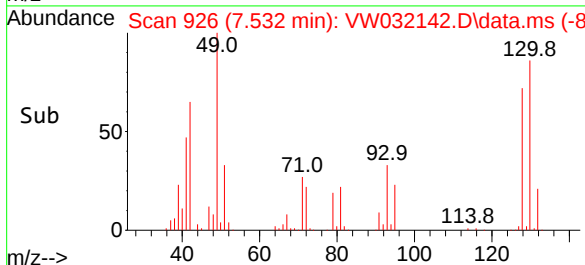
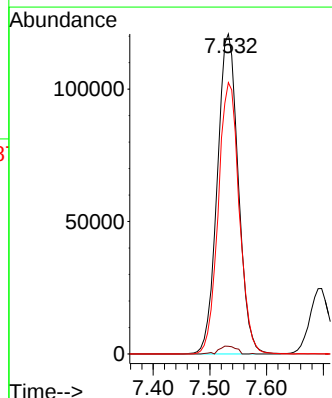
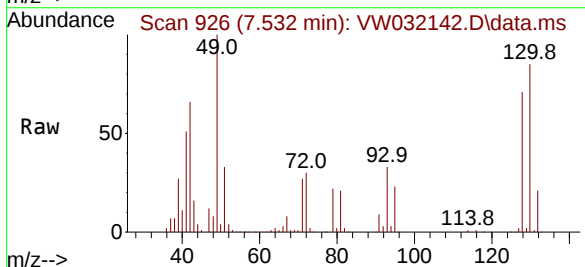
Tgt Ion: 49 Resp: 310783

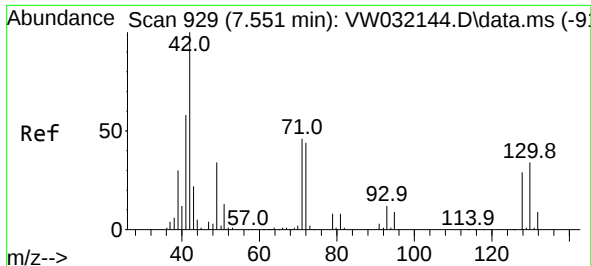
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 84.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 770.497 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

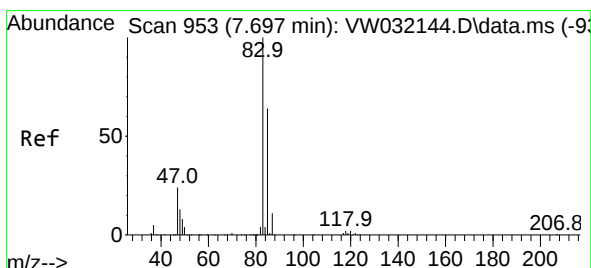
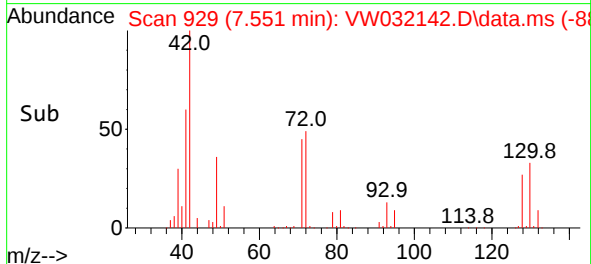
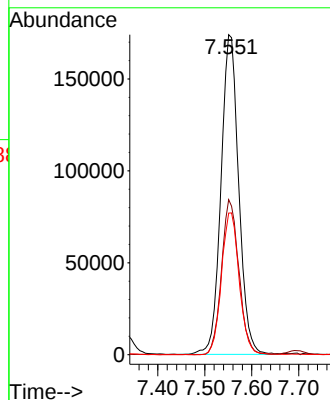
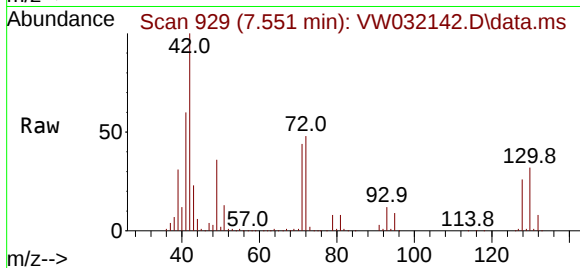
Tgt Ion: 42 Resp: 456986

Ion Ratio Lower Upper

42 100

72 47.5 37.4 56.2

71 44.4 36.0 54.0



#30

Chloroform

Concen: 141.817 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032142.D

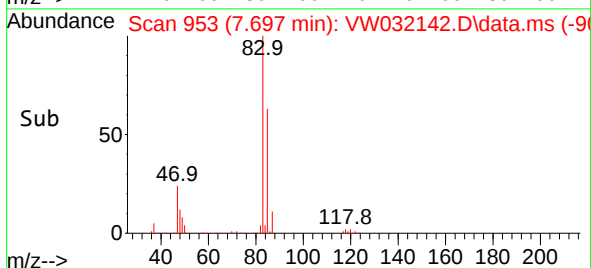
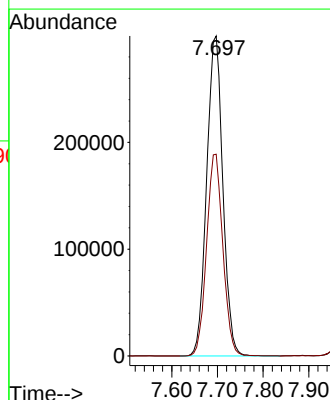
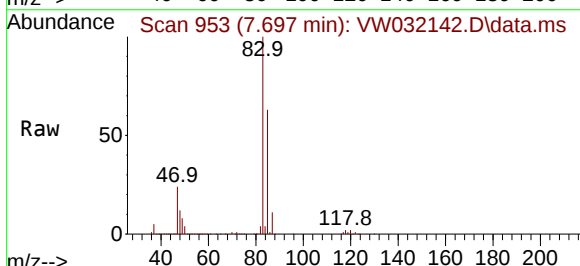
Acq: 26 Aug 2025 11:51

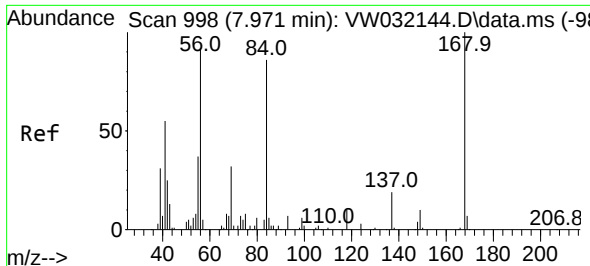
Tgt Ion: 83 Resp: 736537

Ion Ratio Lower Upper

83 100

85 63.0 51.2 76.8

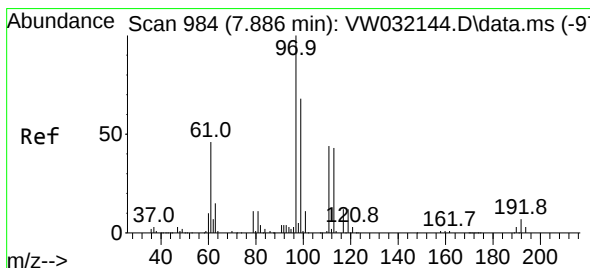
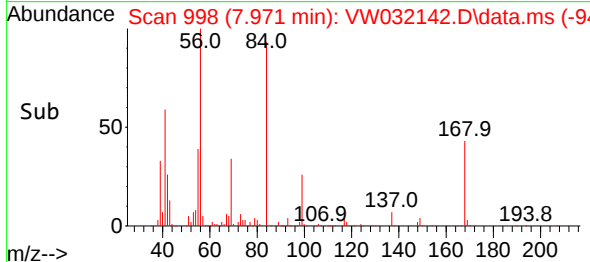
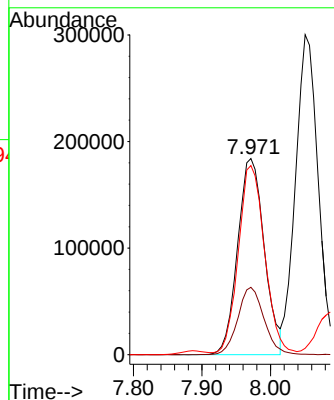
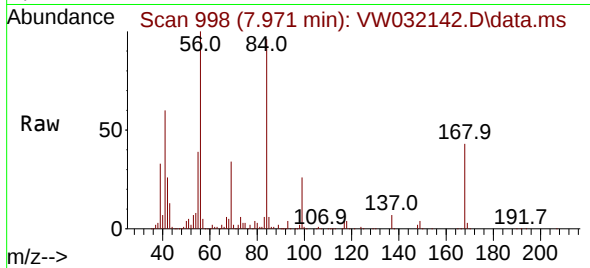




#31
Cyclohexane
Concen: 133.190 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

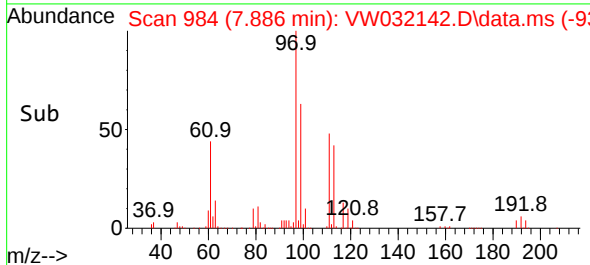
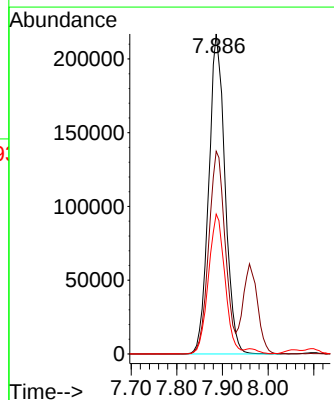
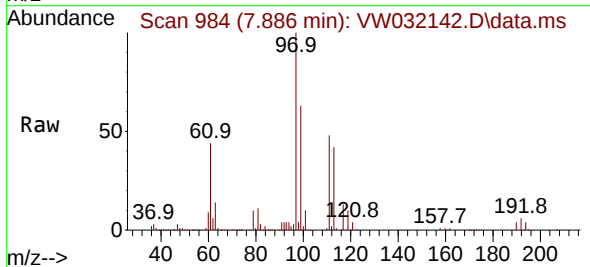
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

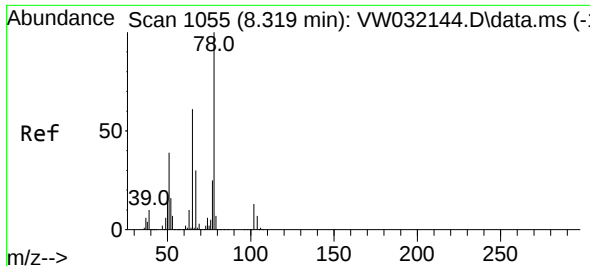
Tgt Ion: 56 Resp: 497279
Ion Ratio Lower Upper
56 100
69 34.3 27.7 41.5
84 95.5 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 141.170 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 97 Resp: 535215
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 44.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 149.576 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

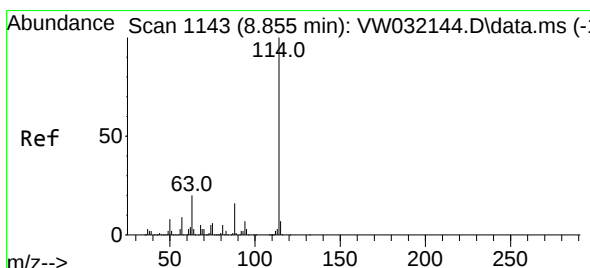
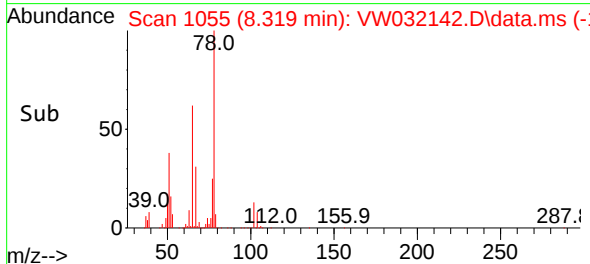
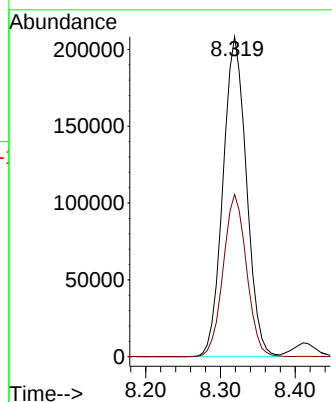
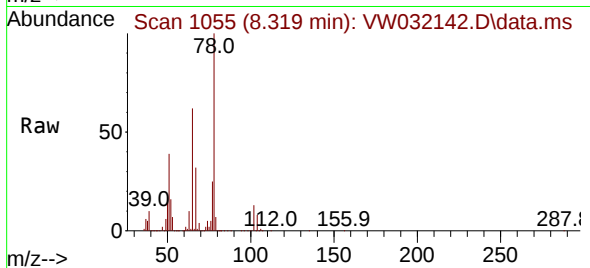
VSTDIC150

Tgt Ion: 65 Resp: 454909

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

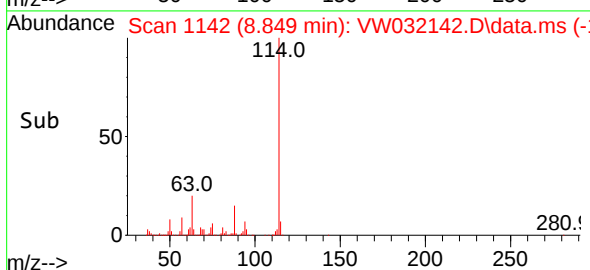
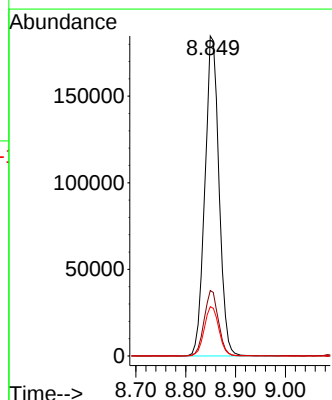
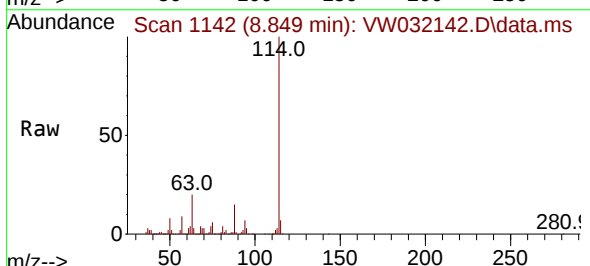
Tgt Ion: 114 Resp: 363183

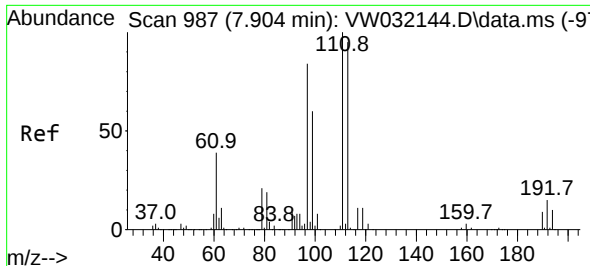
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.4

88 15.4 0.0 32.0

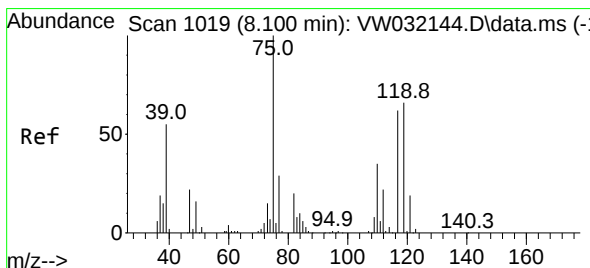
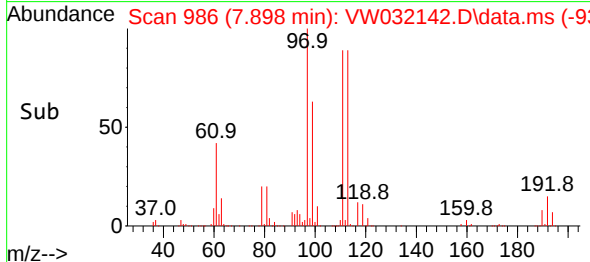
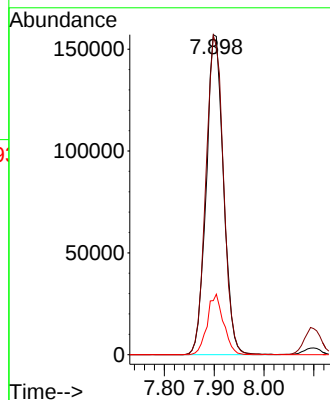
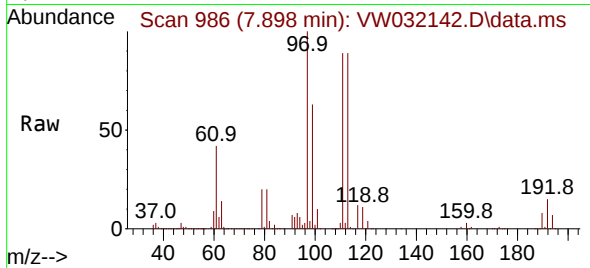




#35
Dibromofluoromethane
Concen: 148.049 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

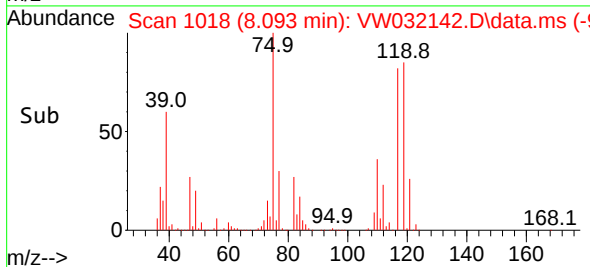
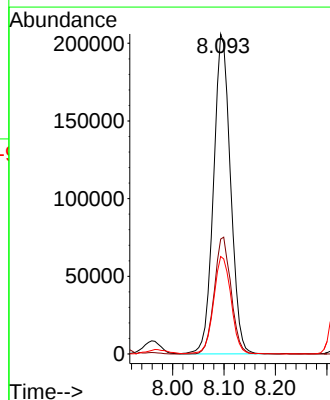
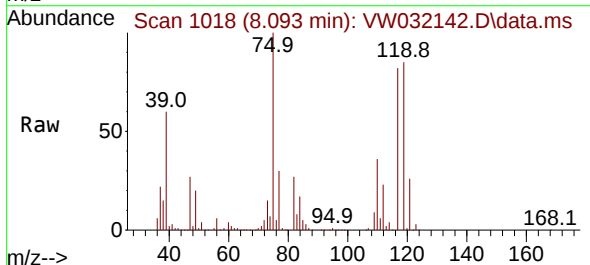
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

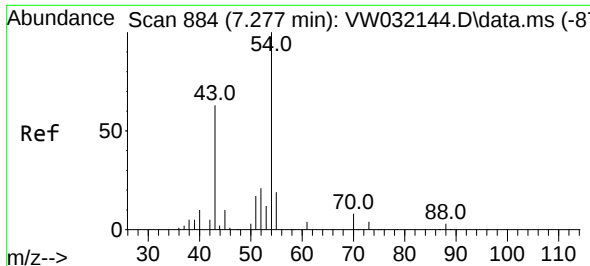
Tgt Ion:113 Resp: 377239
Ion Ratio Lower Upper
113 100
111 101.9 83.9 125.9
192 17.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 142.873 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 472017
Ion Ratio Lower Upper
75 100
110 36.2 17.5 52.5
77 31.3 24.1 36.1

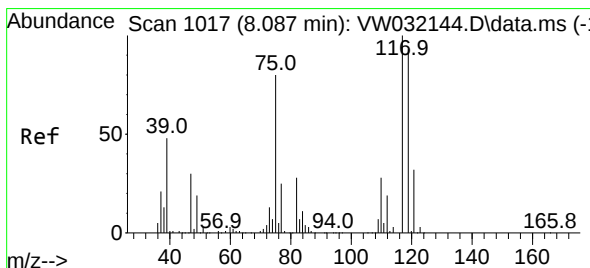
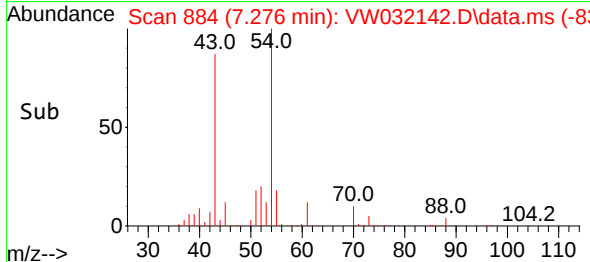
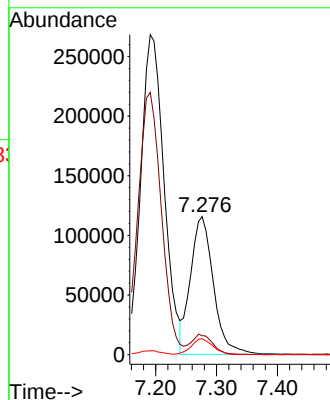
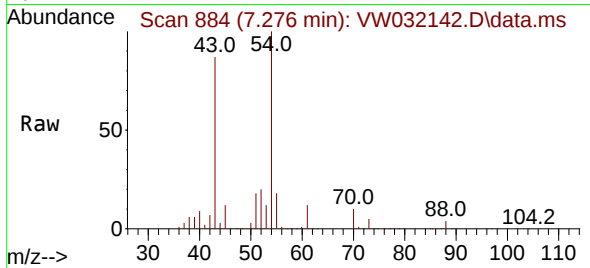




#37
Ethyl Acetate
Concen: 152.685 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

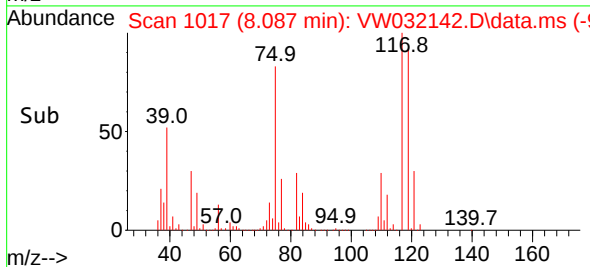
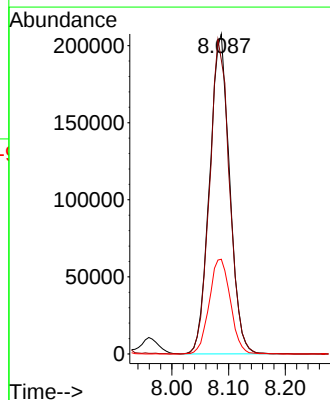
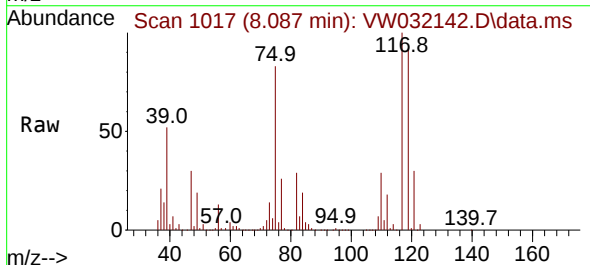
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

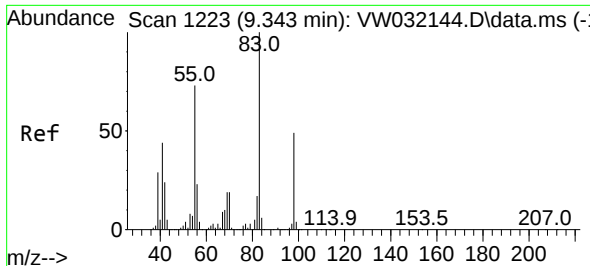
Tgt Ion: 43 Resp: 302607
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 143.753 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 117 Resp: 509127
Ion Ratio Lower Upper
117 100
119 91.9 74.2 111.2
121 29.6 25.6 38.4





#39

Methylcyclohexane

Concen: 149.682 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

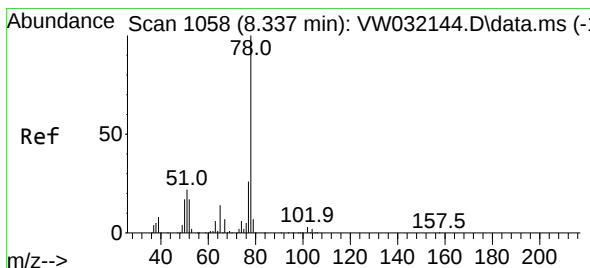
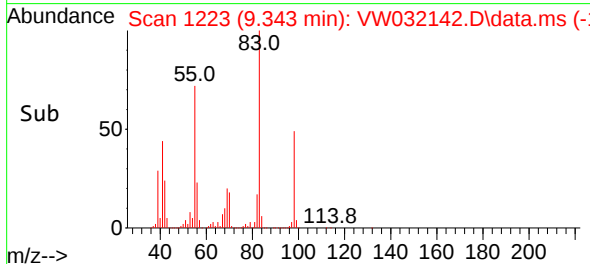
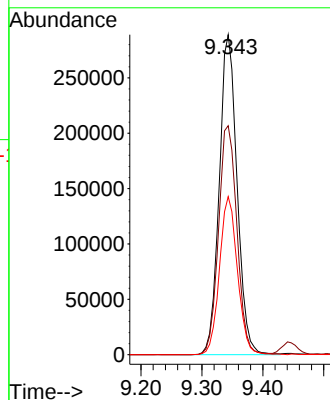
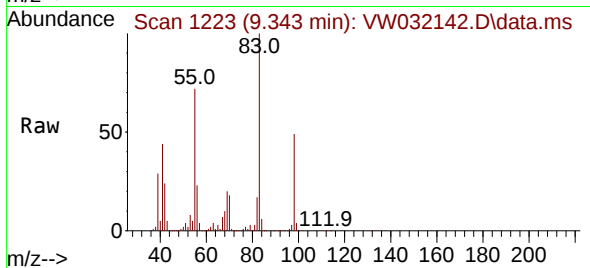
Tgt Ion: 83 Resp: 585727

Ion Ratio Lower Upper

83 100

55 71.5 58.4 87.6

98 49.4 39.4 59.2



#40

Benzene

Concen: 142.338 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032142.D

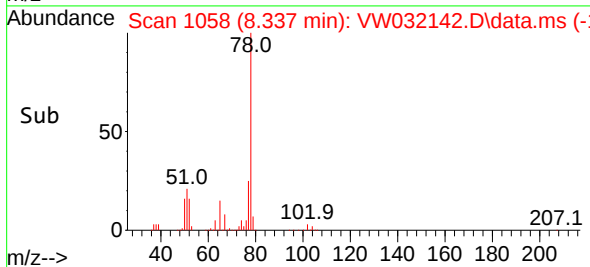
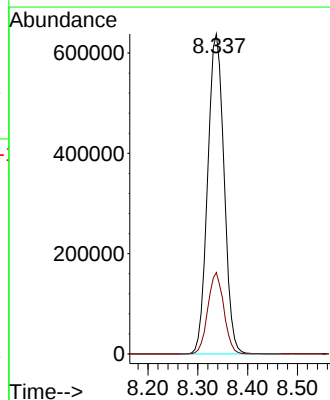
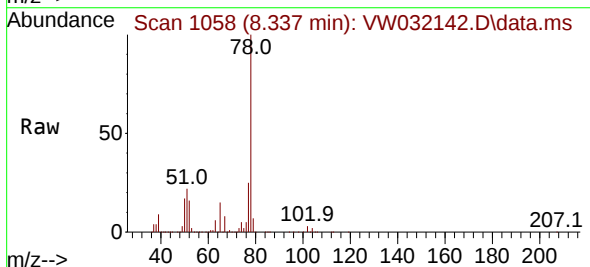
Acq: 26 Aug 2025 11:51

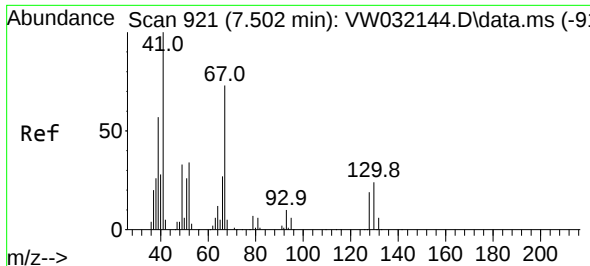
Tgt Ion: 78 Resp: 1453606

Ion Ratio Lower Upper

78 100

77 25.4 20.7 31.1



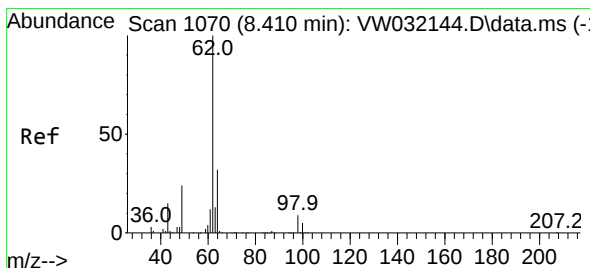
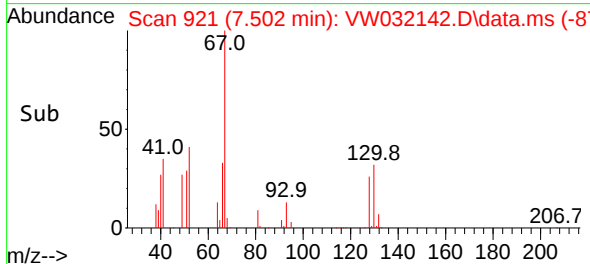
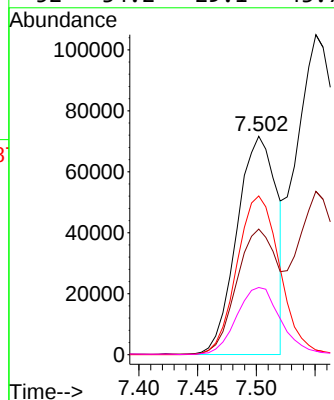
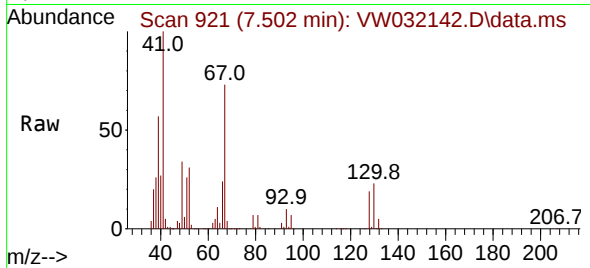


#41
Methacrylonitrile
Concen: 153.505 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 169026

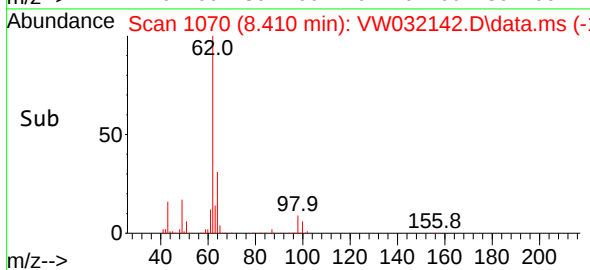
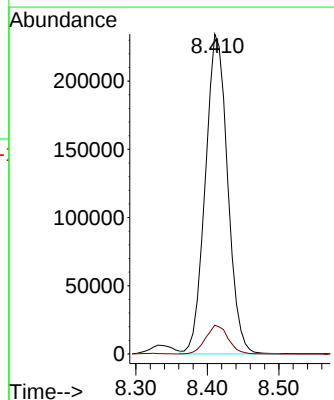
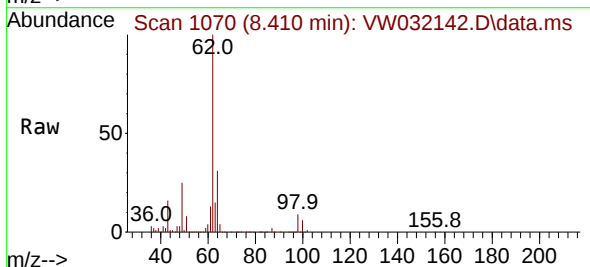
Ion	Ratio	Lower	Upper
41	100		
39	57.3	50.9	76.3
67	78.7	65.6	98.4
52	34.2	29.1	43.7

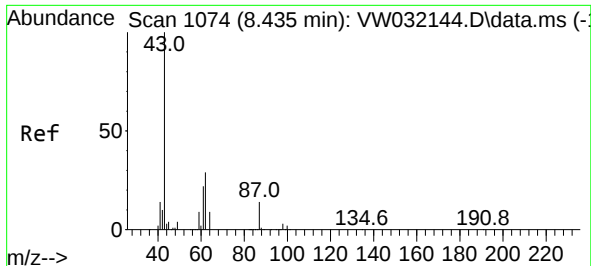


#42
1,2-Dichloroethane
Concen: 143.507 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 62 Resp: 508053

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

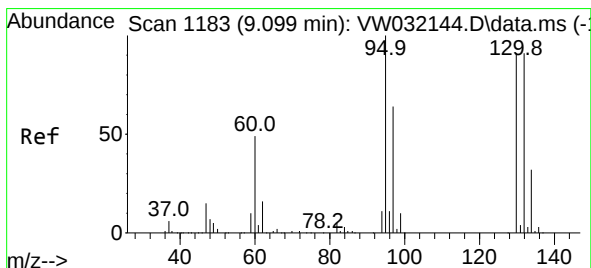
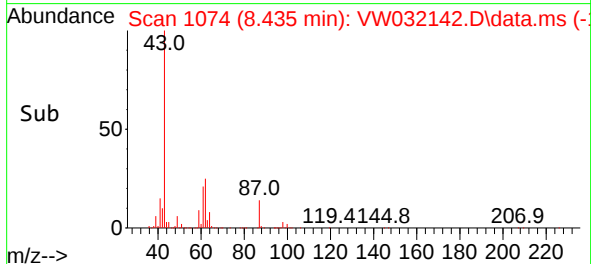
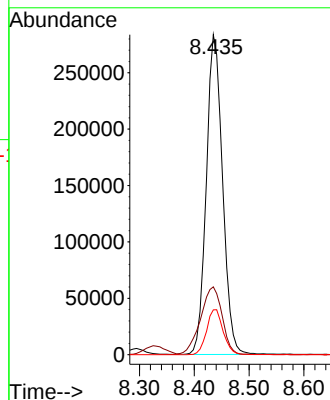
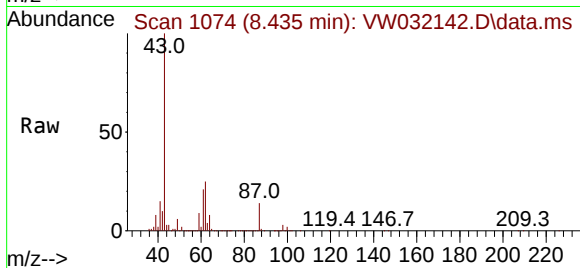




#43
Isopropyl Acetate
Concen: 156.822 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

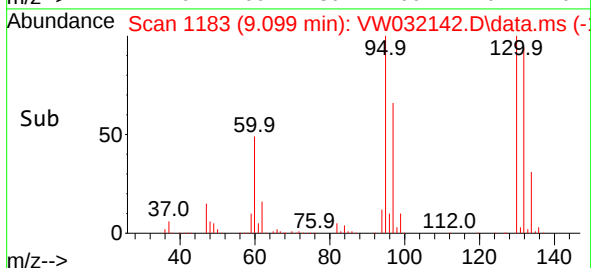
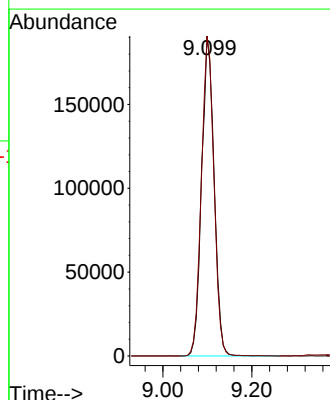
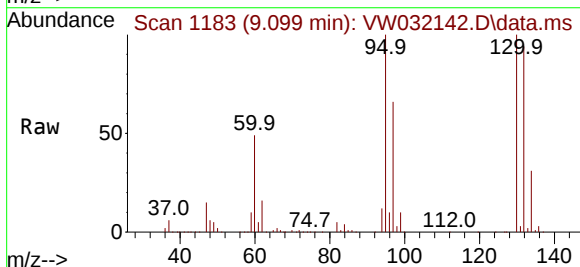
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

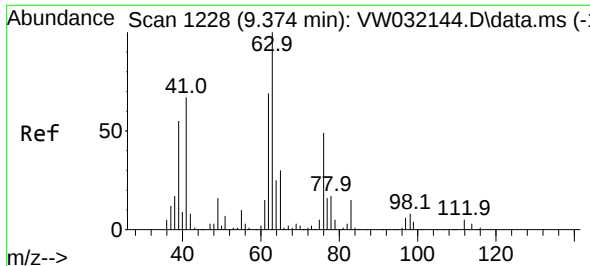
Tgt Ion: 43 Resp: 583075
Ion Ratio Lower Upper
43 100
61 28.1 23.3 34.9
87 14.3 11.1 16.7



#44
Trichloroethene
Concen: 145.505 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:130 Resp: 373687
Ion Ratio Lower Upper
130 100
95 100.0 0.0 220.0





#45

1,2-Dichloropropane

Concen: 142.666 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

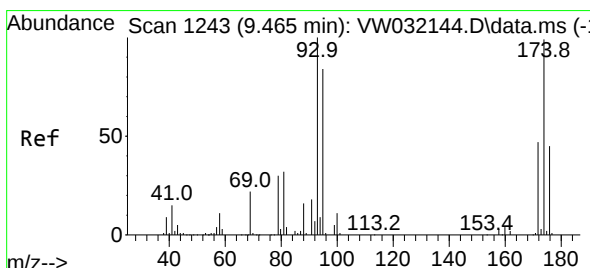
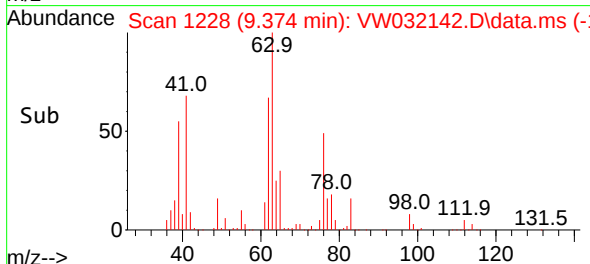
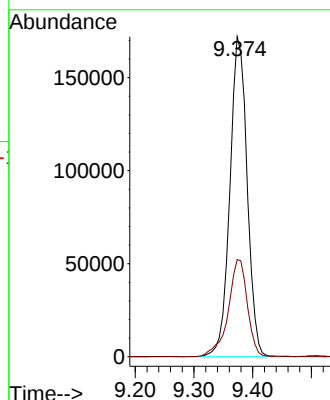
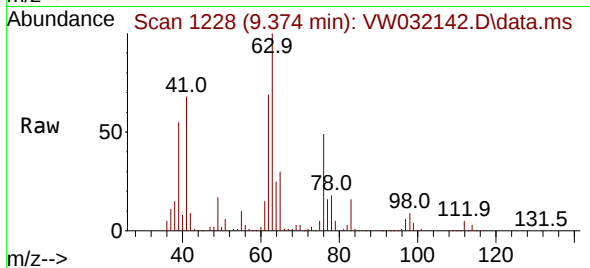
VSTDIC150

Tgt Ion: 63 Resp: 351218

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



#46

Dibromomethane

Concen: 141.000 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

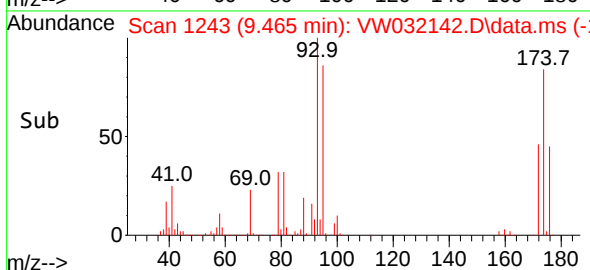
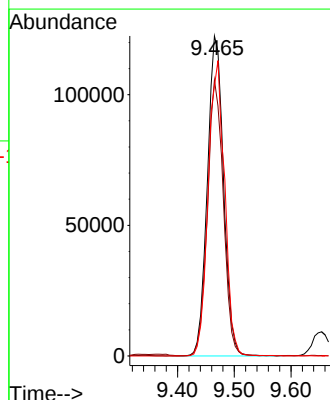
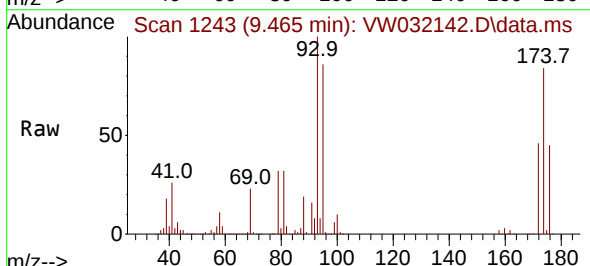
Tgt Ion: 93 Resp: 243465

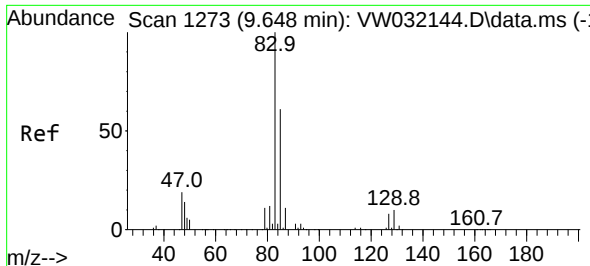
Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.2

174 93.2 75.7 113.5

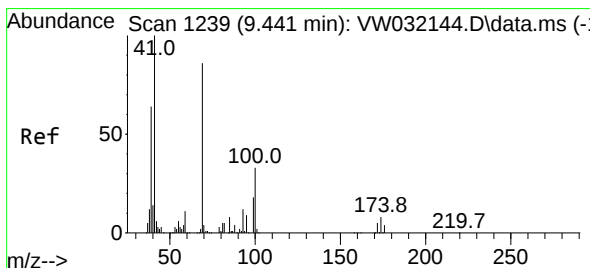
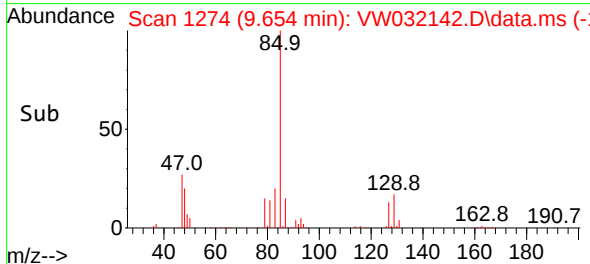
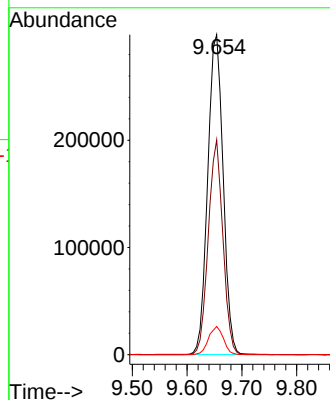
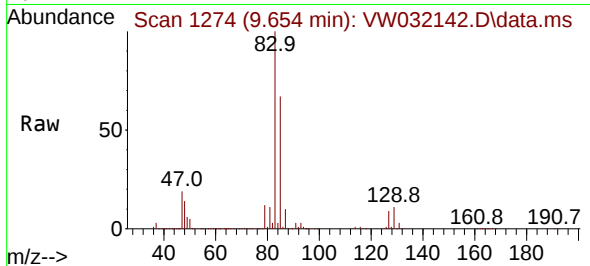




#47
Bromodichloromethane
Concen: 148.131 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

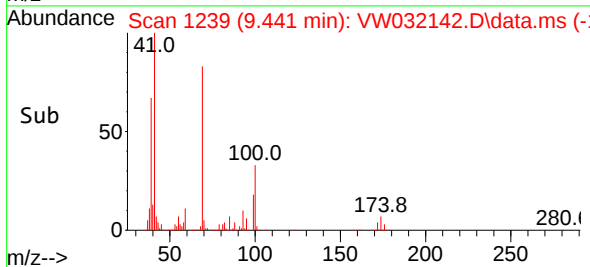
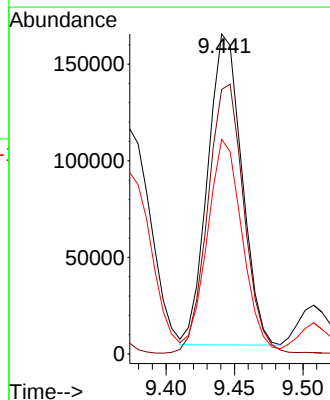
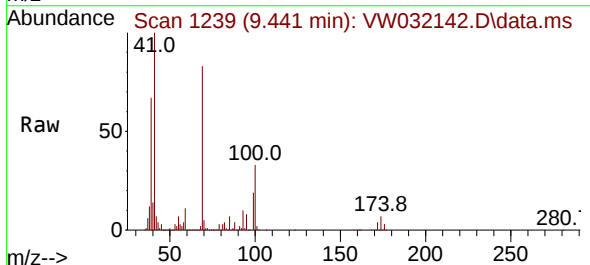
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

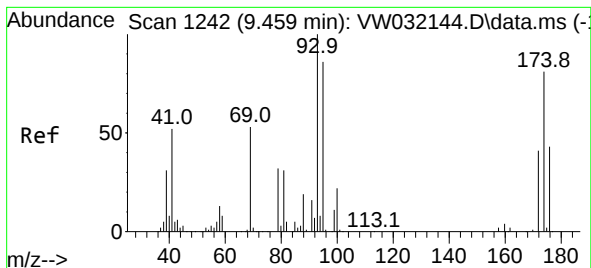
Tgt Ion: 83 Resp: 581251
Ion Ratio Lower Upper
83 100
85 67.1 48.7 73.1
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 162.575 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 41 Resp: 278566
Ion Ratio Lower Upper
41 100
69 92.2 71.5 107.3
39 71.2 55.9 83.9





#49

1,4-Dioxane

Concen: 3197.399 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

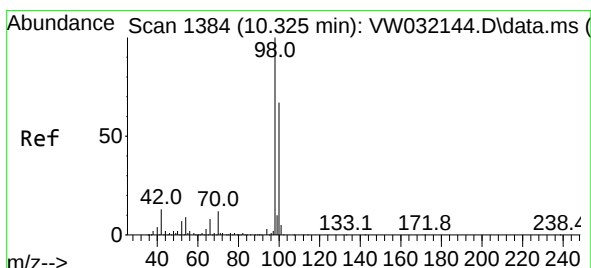
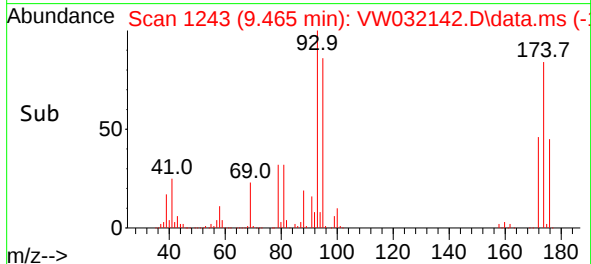
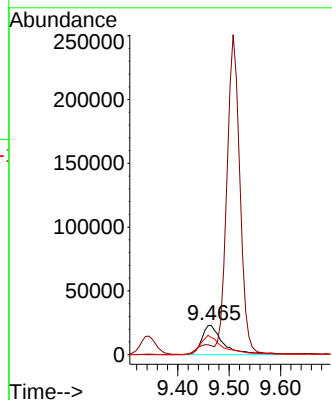
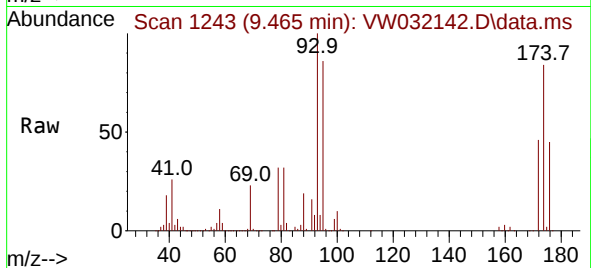
Tgt Ion: 88 Resp: 66706

Ion Ratio Lower Upper

88 100

43 25.6 18.0 27.0

58 70.1 55.4 83.0



#50

Toluene-d8

Concen: 152.629 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032142.D

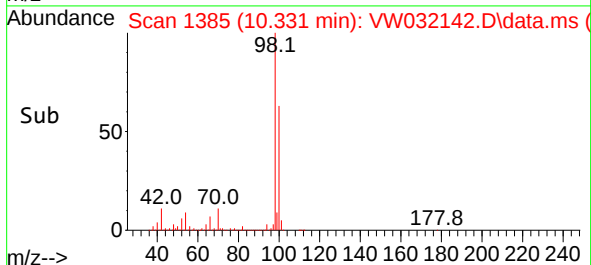
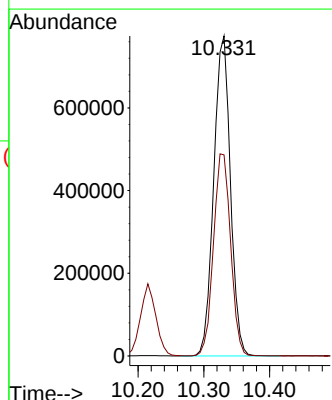
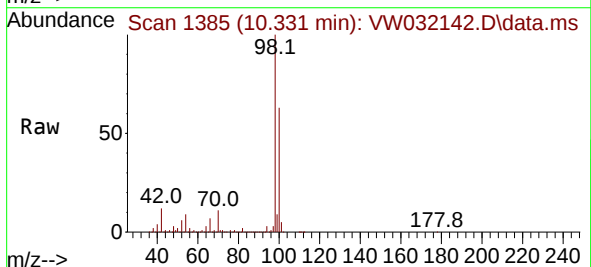
Acq: 26 Aug 2025 11:51

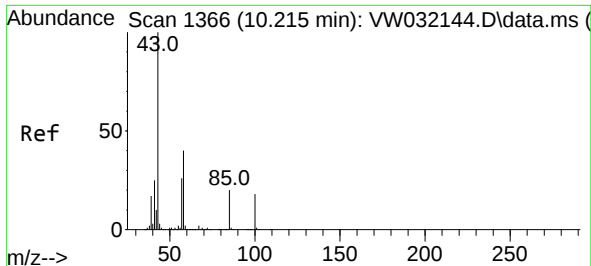
Tgt Ion: 98 Resp: 1365264

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2

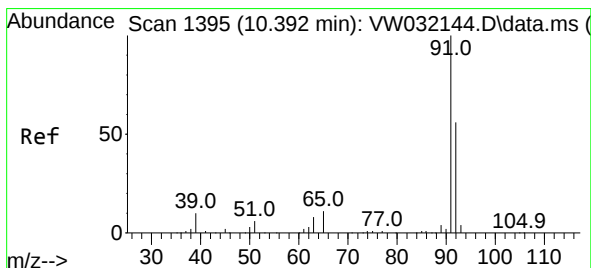
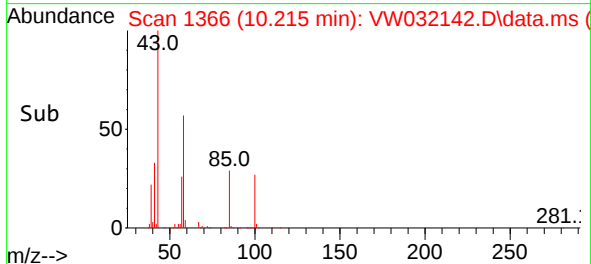
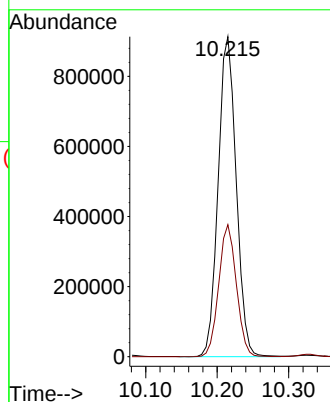
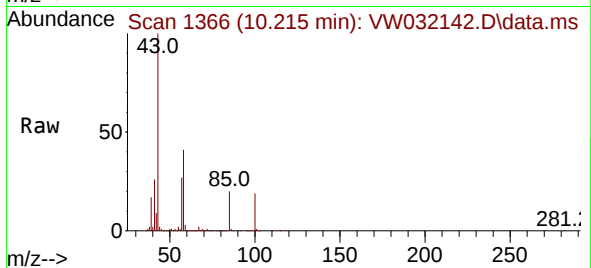




#51
4-Methyl-2-Pentanone
Concen: 762.051 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

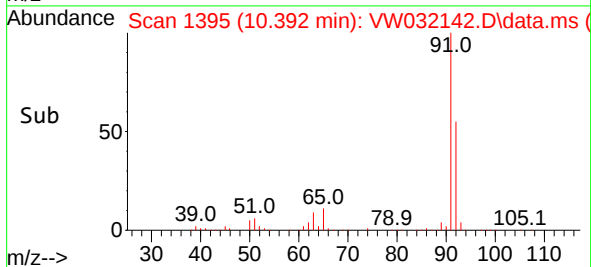
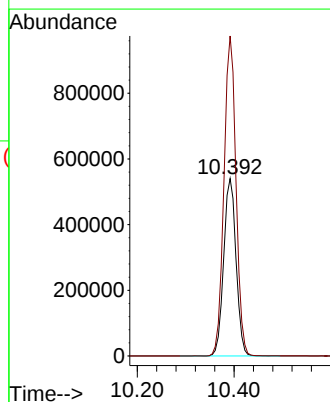
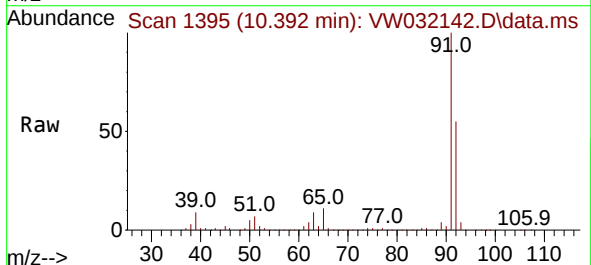
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

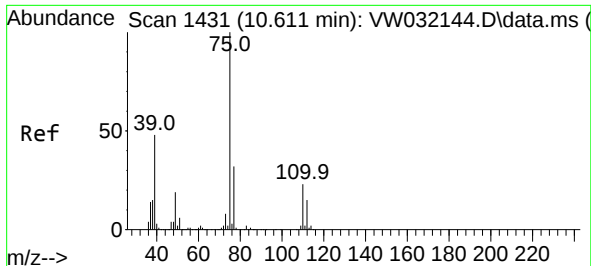
Tgt Ion: 43 Resp: 1599863
Ion Ratio Lower Upper
43 100
58 40.4 32.0 48.0



#52
Toluene
Concen: 143.435 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 92 Resp: 957220
Ion Ratio Lower Upper
92 100
91 175.9 137.5 206.3

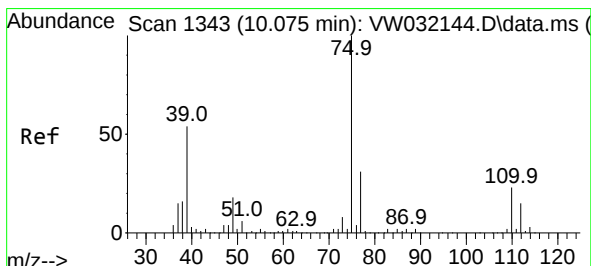
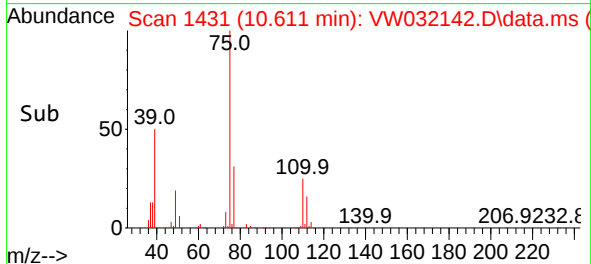
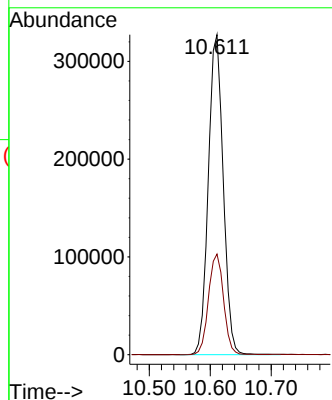
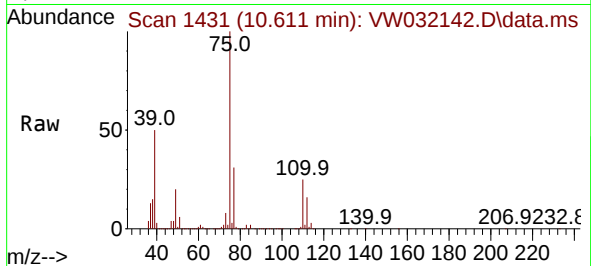




#53
t-1,3-Dichloropropene
Concen: 160.564 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

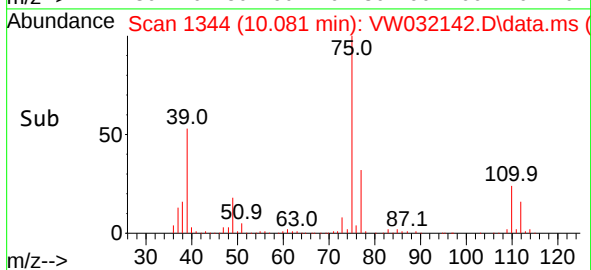
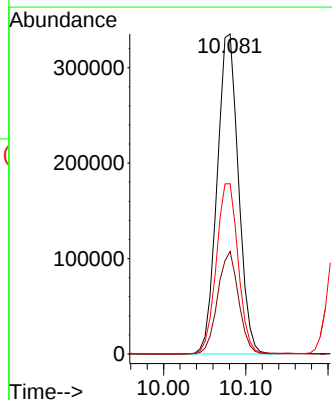
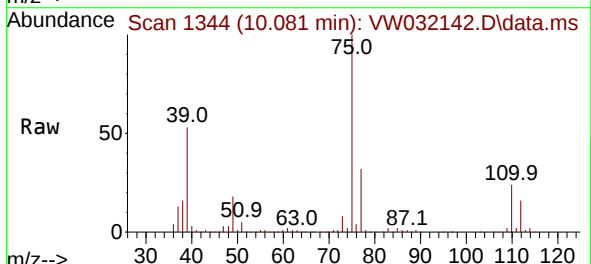
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

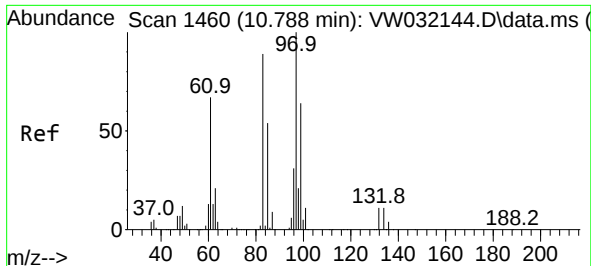
Tgt Ion: 75 Resp: 555802
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 153.074 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 604600
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
39 53.1 43.2 64.8

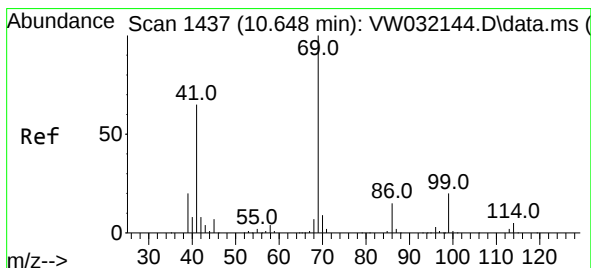
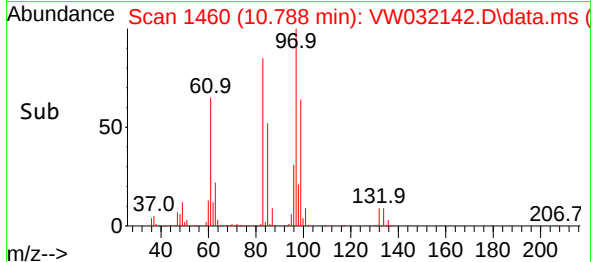
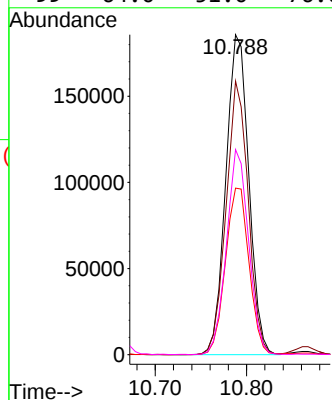
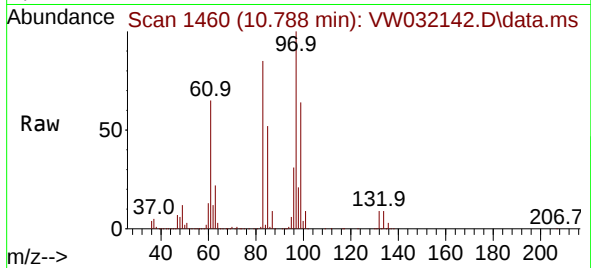




#55
1,1,2-Trichloroethane
Concen: 144.392 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

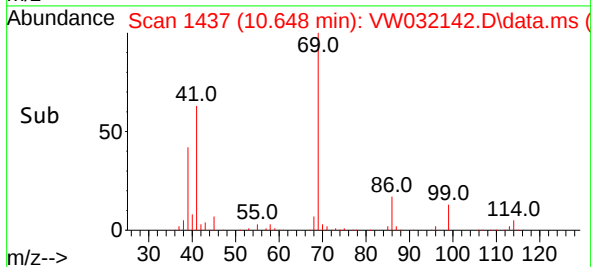
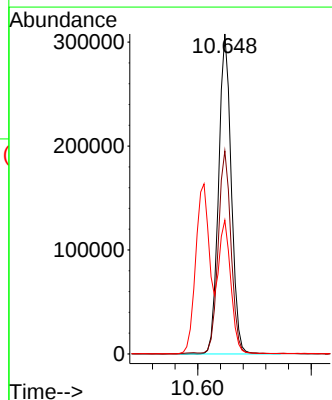
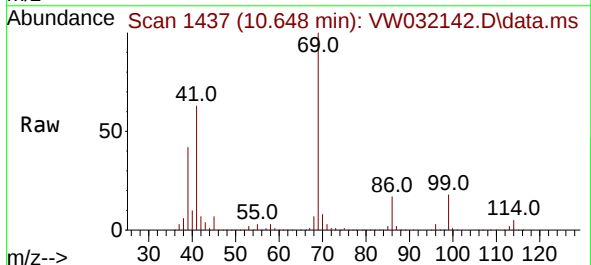
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

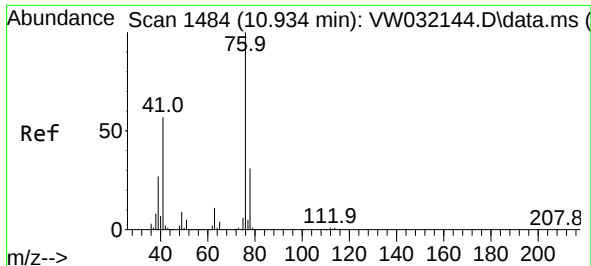
Tgt Ion:	97	Resp:	324211
Ion	Ratio	Lower	Upper
97	100		
83	85.5	71.0	106.6
85	52.0	42.8	64.2
99	64.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 165.894 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:	69	Resp:	476215
Ion	Ratio	Lower	Upper
69	100		
41	63.9	53.2	79.8
39	39.7	32.9	49.3





#57

1,3-Dichloropropane

Concen: 144.209 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

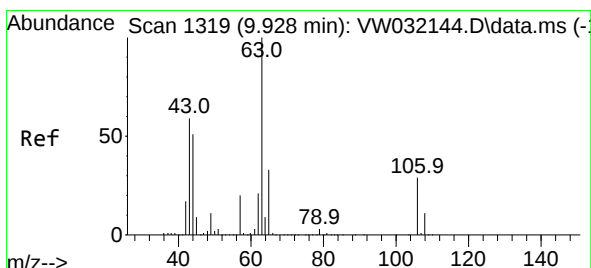
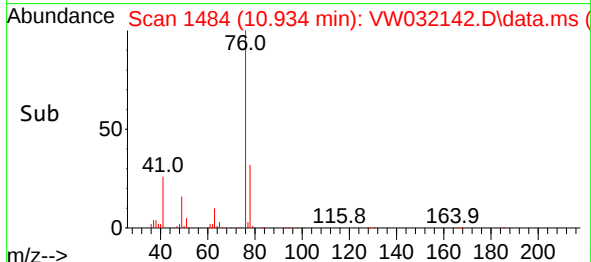
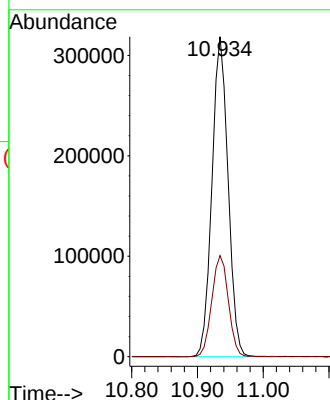
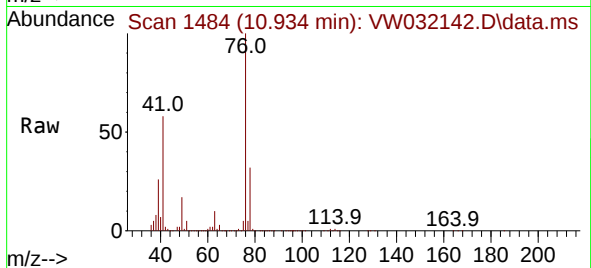
VSTDIC150

Tgt Ion: 76 Resp: 542178

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 825.160 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032142.D

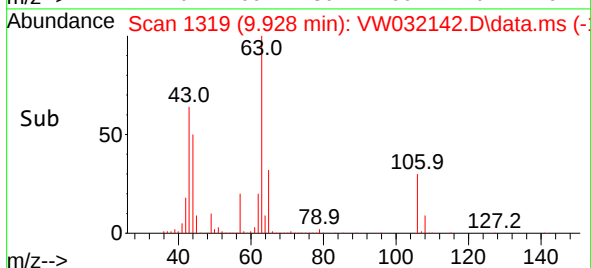
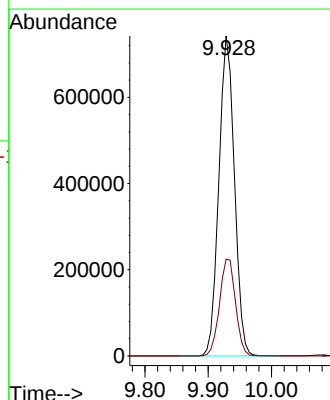
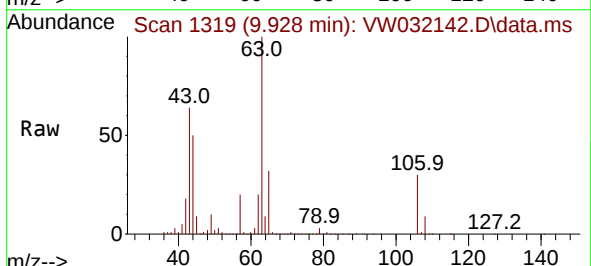
Acq: 26 Aug 2025 11:51

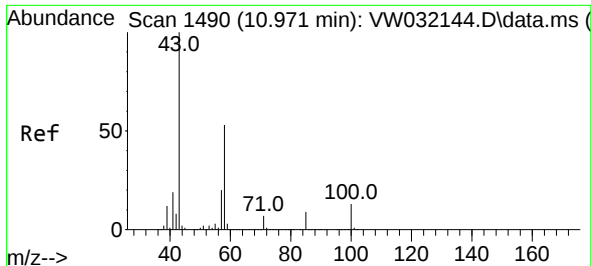
Tgt Ion: 63 Resp: 1264307

Ion Ratio Lower Upper

63 100

106 31.1 24.3 36.5

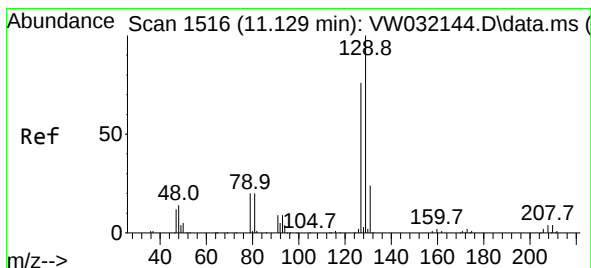
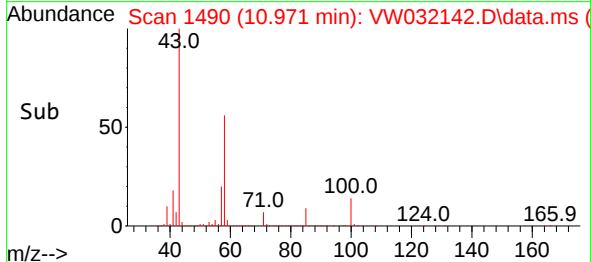
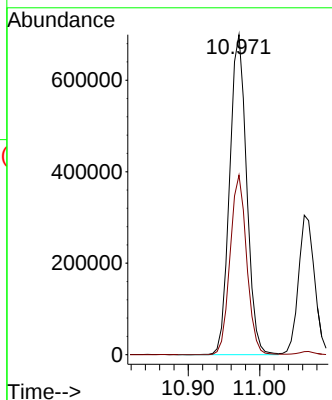
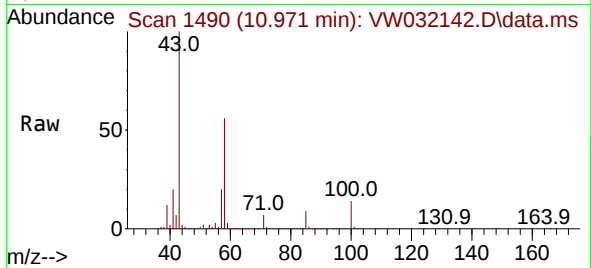




#59
2-Hexanone
Concen: 789.253 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

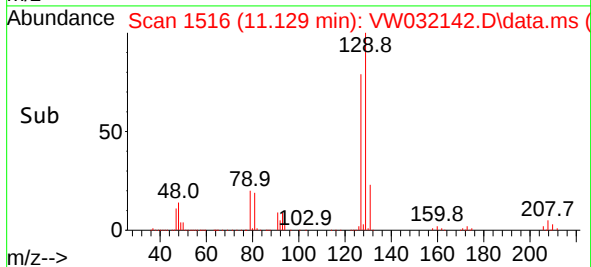
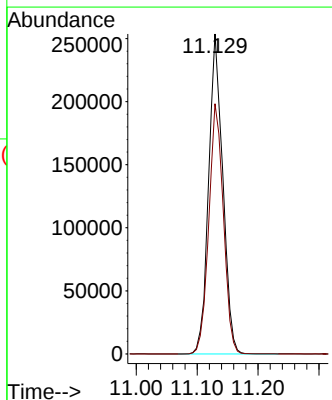
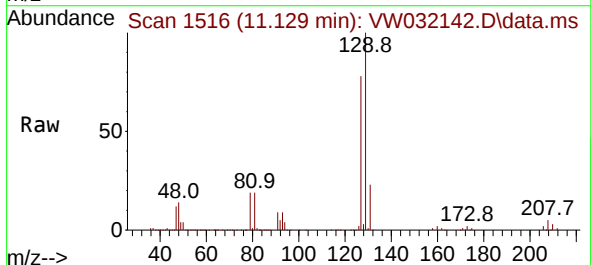
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

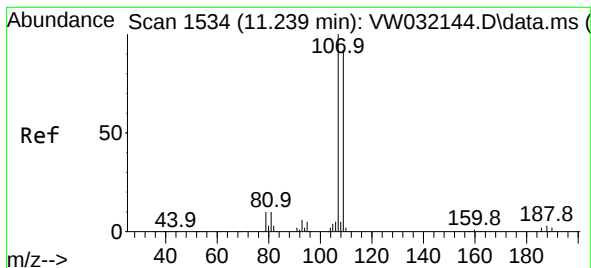
Tgt Ion: 43 Resp: 1152381
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4



#60
Dibromochloromethane
Concen: 150.438 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 129 Resp: 408737
Ion Ratio Lower Upper
129 100
127 80.3 38.1 114.5

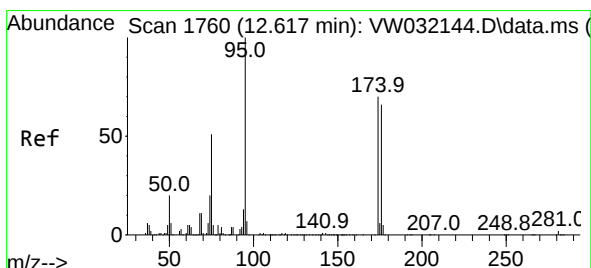
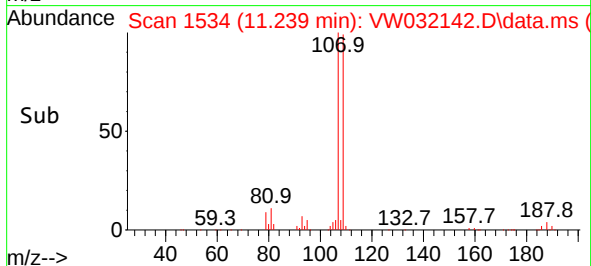
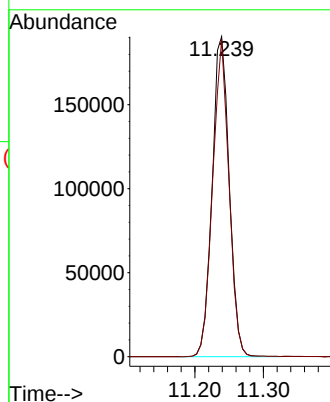
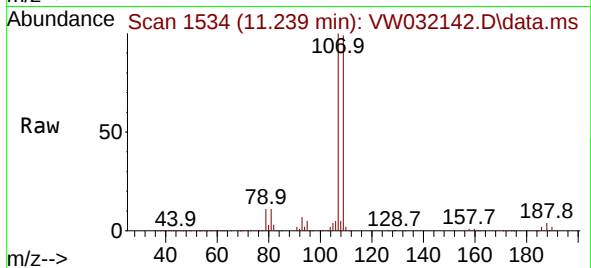




#61
1,2-Dibromoethane
Concen: 149.669 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

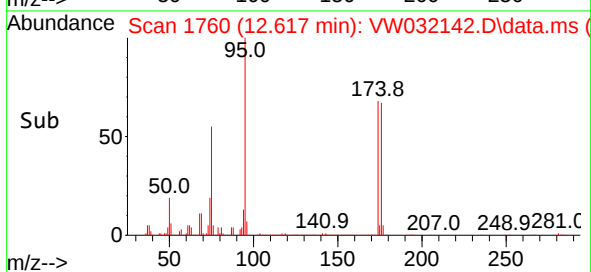
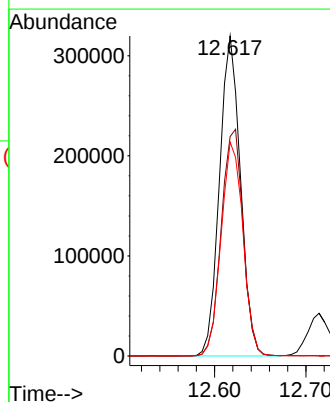
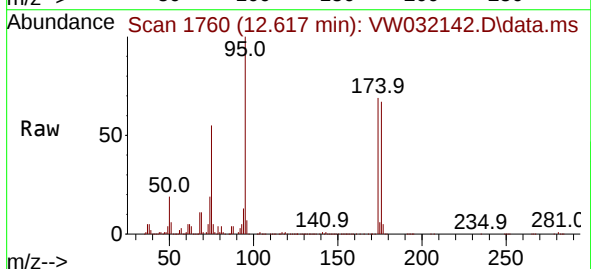
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

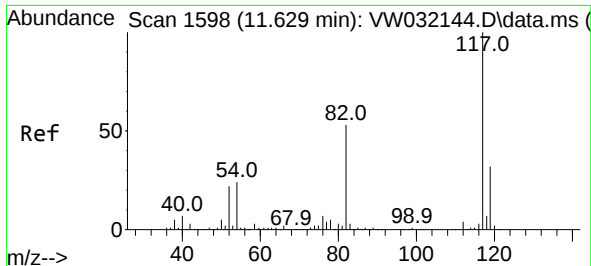
Tgt Ion:107 Resp: 330479
Ion Ratio Lower Upper
107 100
109 94.5 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 154.039 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 95 Resp: 509512
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.6
176 69.8 0.0 140.8

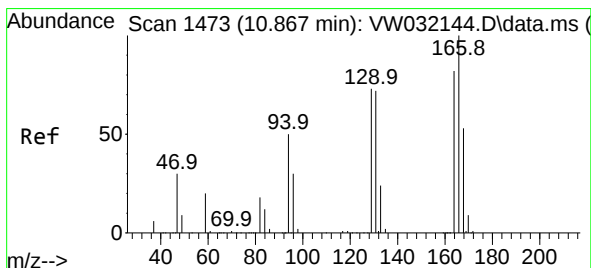
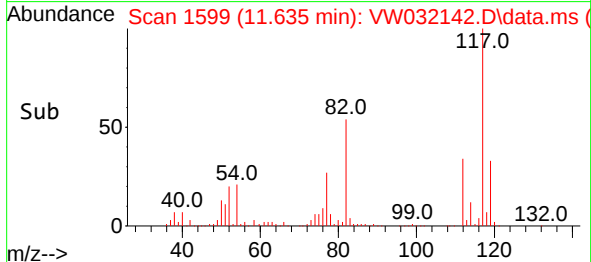
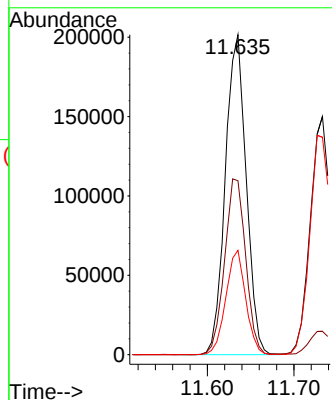
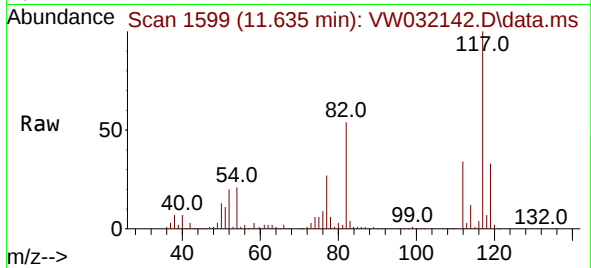




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

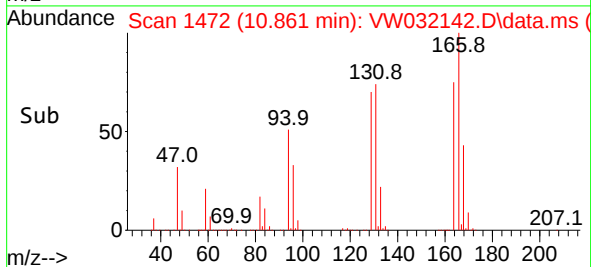
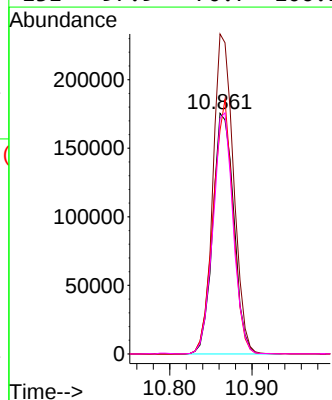
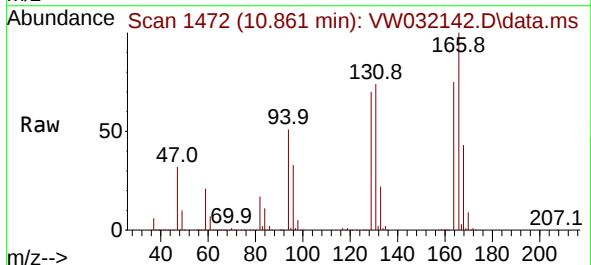
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

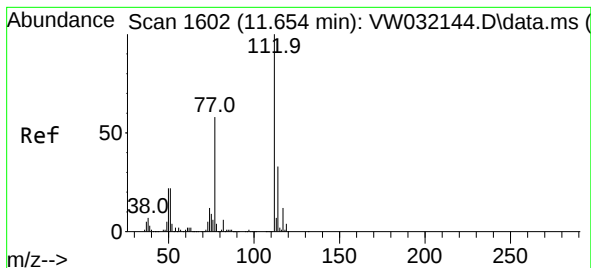
Tgt Ion:117 Resp: 337595
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 140.272 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:164 Resp: 311674
Ion Ratio Lower Upper
164 100
166 133.0 97.5 146.3
129 93.1 71.2 106.8
131 97.9 70.7 106.1





#65

Chlorobenzene

Concen: 140.873 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

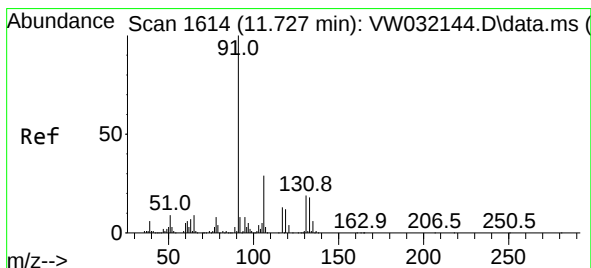
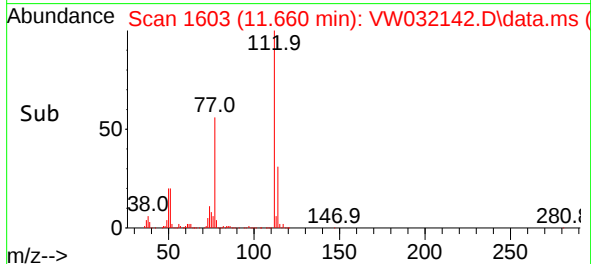
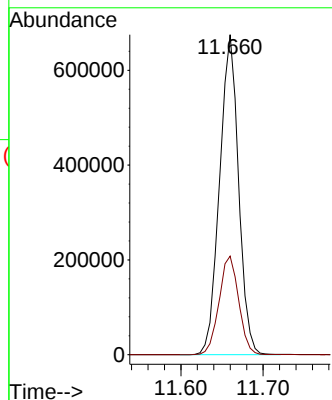
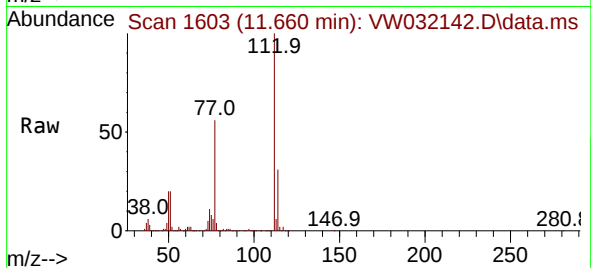
VSTDIC150

Tgt Ion:112 Resp: 1082491

Ion Ratio Lower Upper

112 100

114 30.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 148.901 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

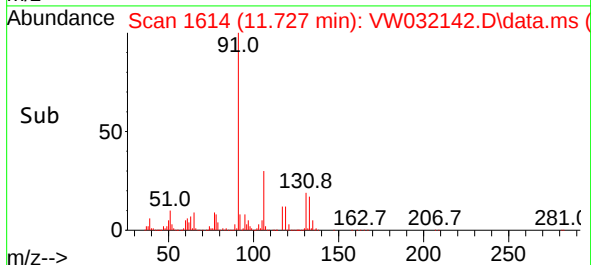
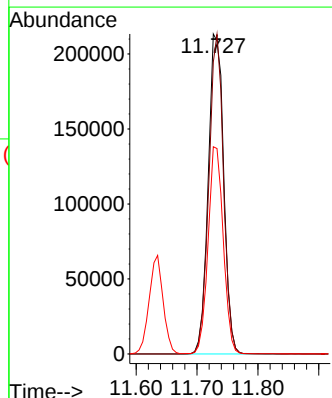
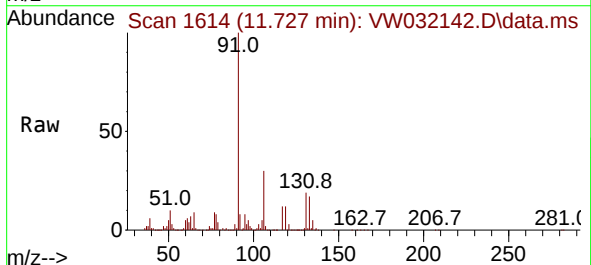
Tgt Ion:131 Resp: 376695

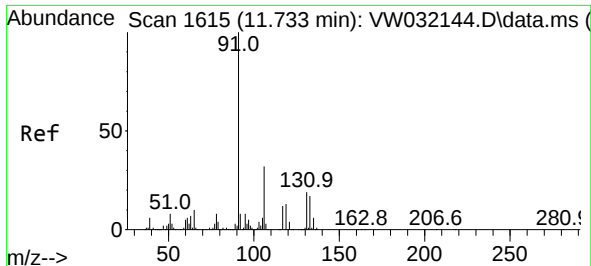
Ion Ratio Lower Upper

131 100

133 94.7 47.7 143.1

119 63.5 32.8 98.3





#67

Ethyl Benzene

Concen: 149.806 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

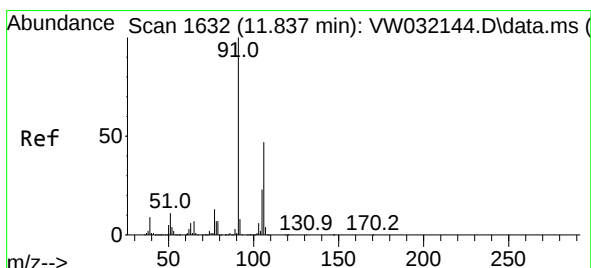
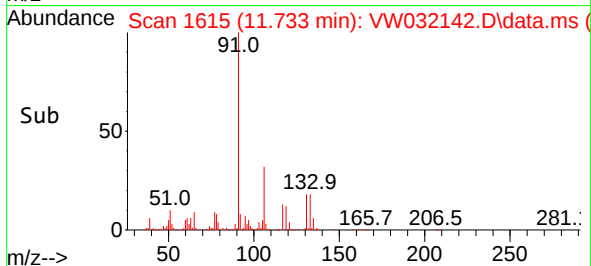
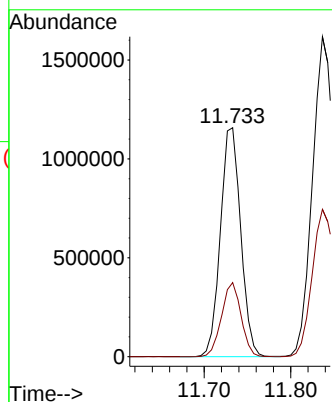
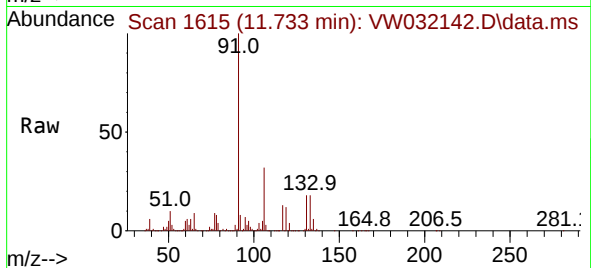
VSTDIC150

Tgt Ion: 91 Resp: 1886049

Ion Ratio Lower Upper

91 100

106 32.3 25.3 37.9



#68

m/p-Xylenes

Concen: 292.350 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032142.D

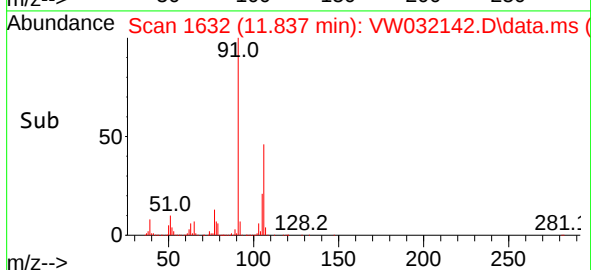
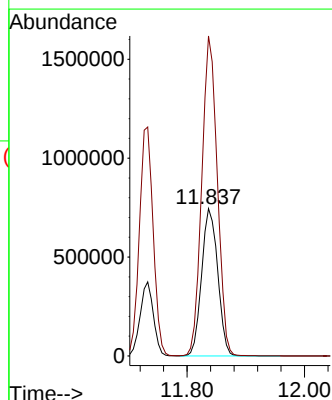
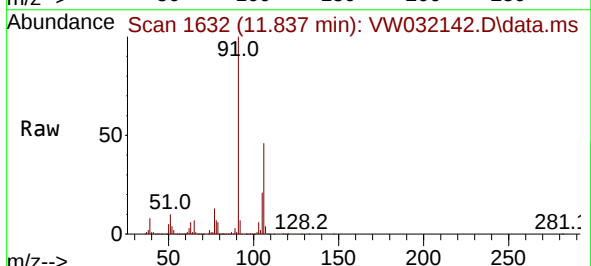
Acq: 26 Aug 2025 11:51

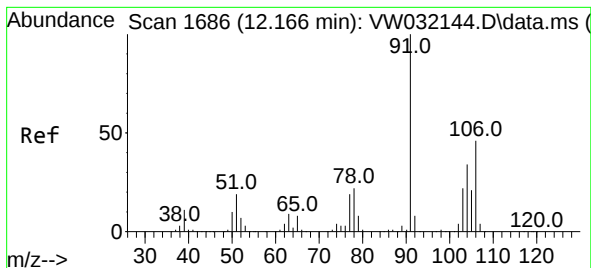
Tgt Ion:106 Resp: 1416558

Ion Ratio Lower Upper

106 100

91 209.9 164.2 246.2

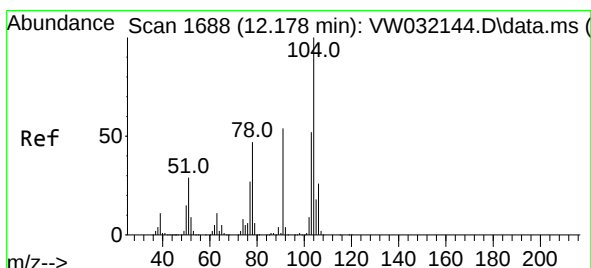
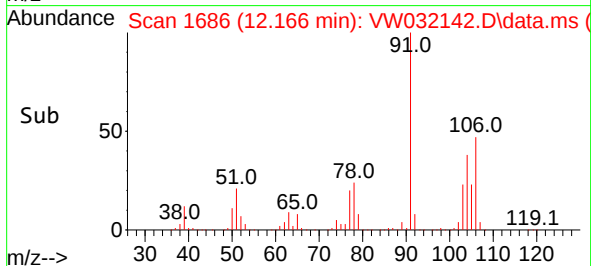
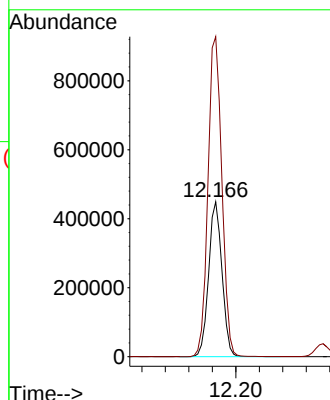
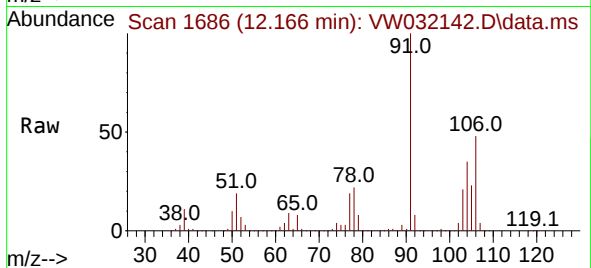




#69
o-Xylene
Concen: 154.451 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

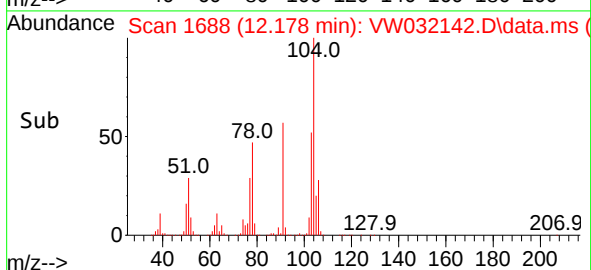
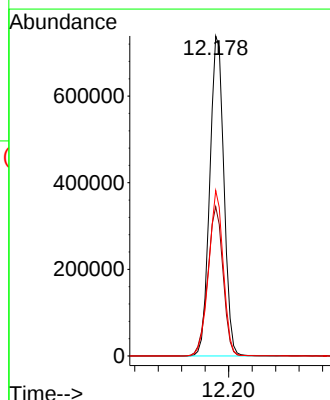
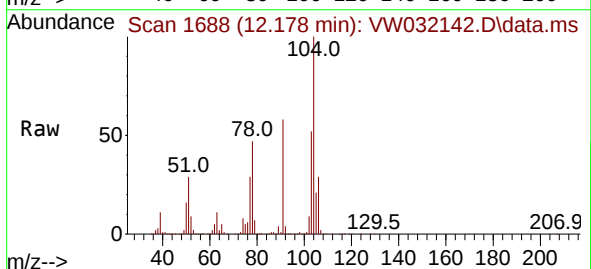
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

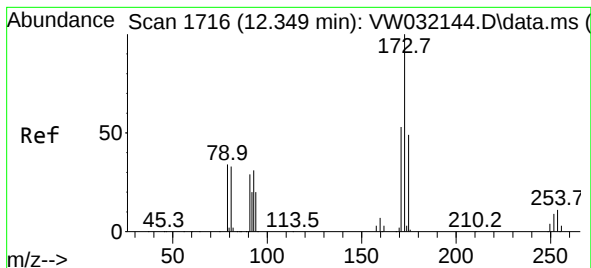
Tgt Ion:106 Resp: 707888
Ion Ratio Lower Upper
106 100
91 214.6 108.7 326.3



#70
Styrene
Concen: 153.051 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:104 Resp: 1236547
Ion Ratio Lower Upper
104 100
78 50.4 41.6 62.4
103 53.3 44.8 67.2





#71

Bromoform

Concen: 160.118 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

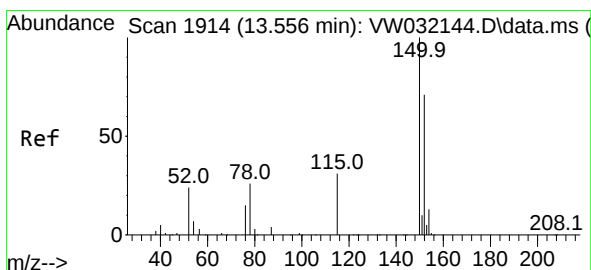
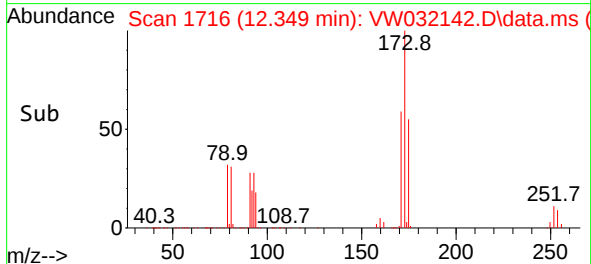
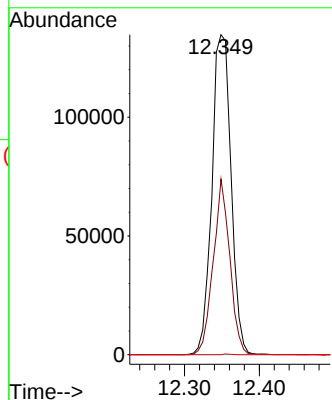
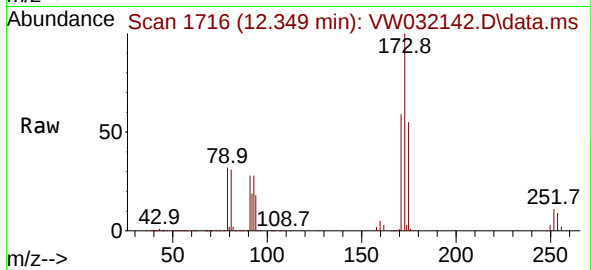
Tgt Ion:173 Resp: 240584

Ion Ratio Lower Upper

173 100

175 47.6 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

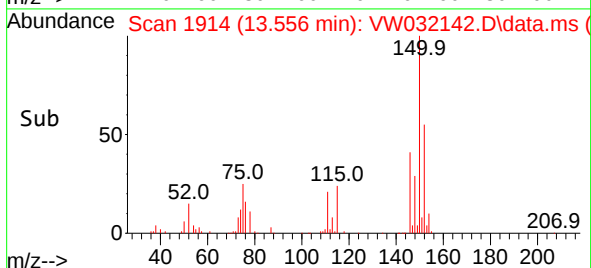
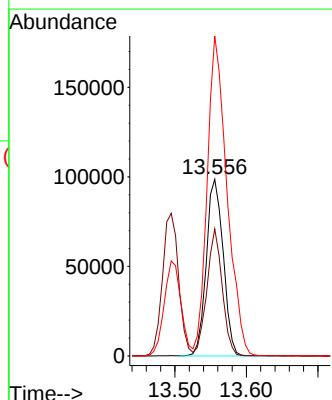
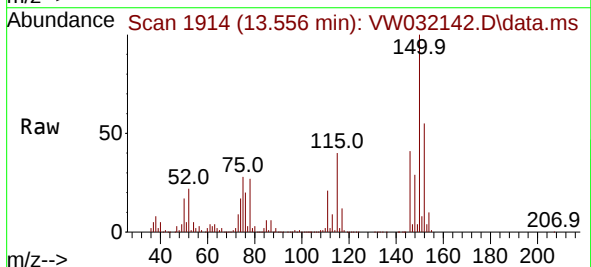
Tgt Ion:152 Resp: 162485

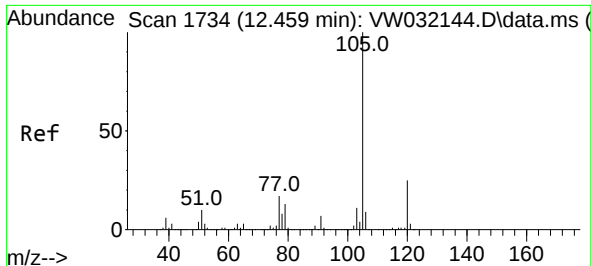
Ion Ratio Lower Upper

152 100

115 64.5 31.8 95.4

150 210.7 0.0 343.0

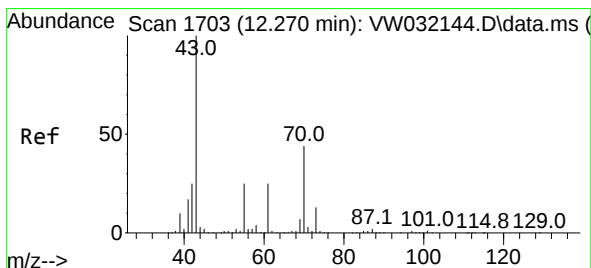
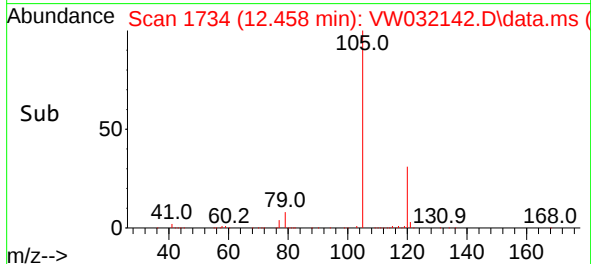
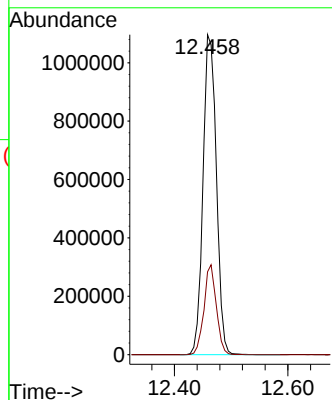
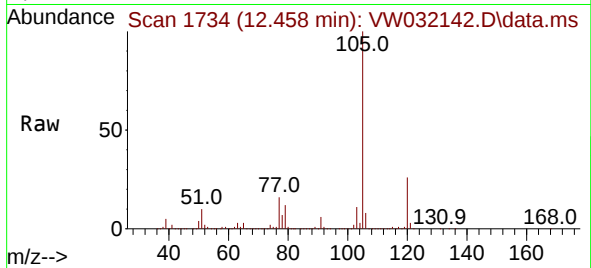




#73
Isopropylbenzene
Concen: 161.883 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

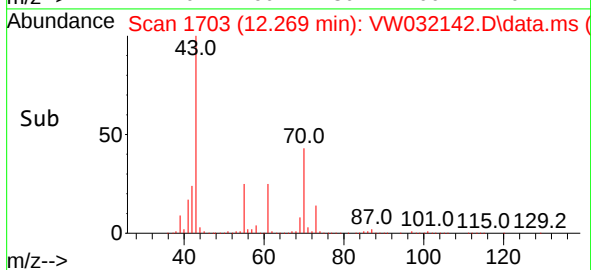
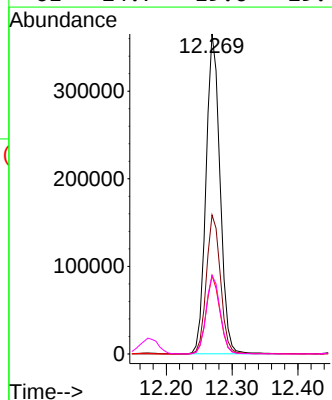
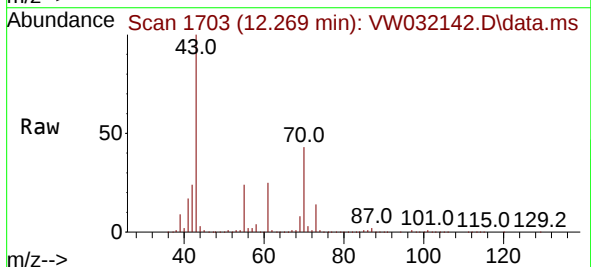
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

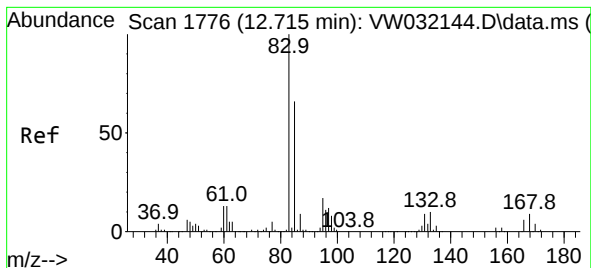
Tgt Ion:105 Resp: 1786971
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 169.156 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 542121
Ion Ratio Lower Upper
43 100
70 43.7 35.3 52.9
55 24.1 19.9 29.9
61 24.7 19.6 29.4

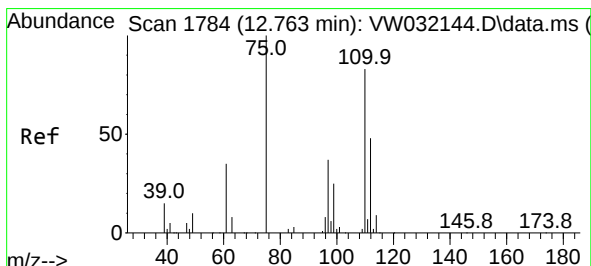
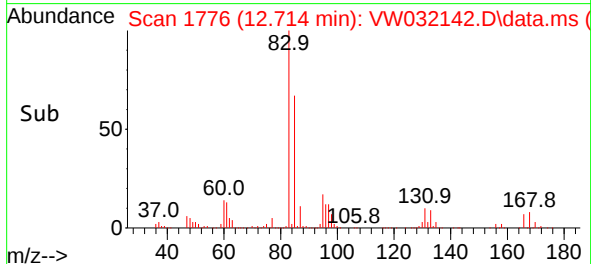
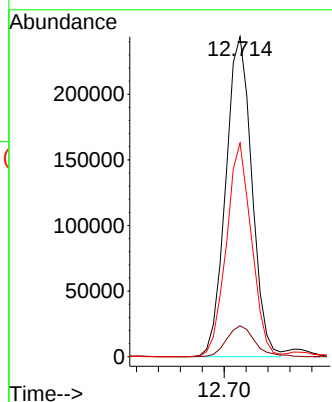
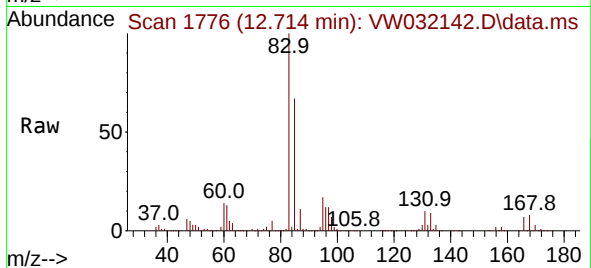




#75
 1,1,2,2-Tetrachloroethane
 Concen: 153.706 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. -0.000 min
 Lab File: VW032142.D
 Acq: 26 Aug 2025 11:51

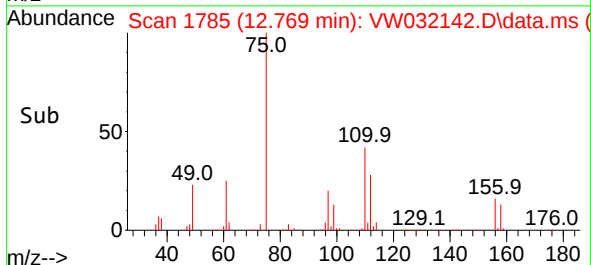
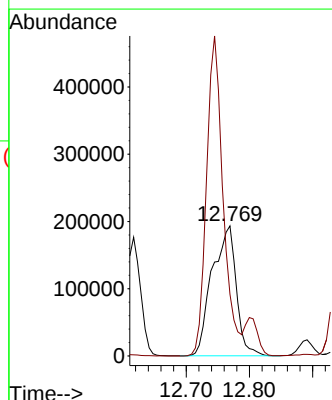
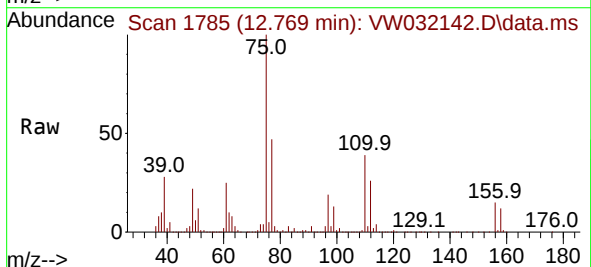
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

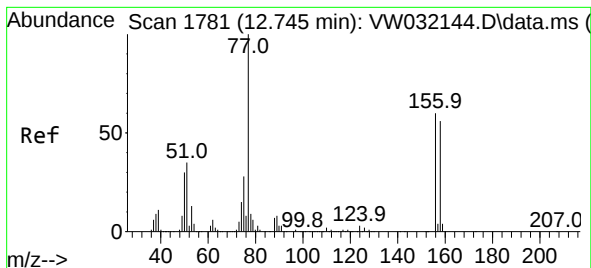
Tgt Ion: 83 Resp: 403226
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.4
 85 64.4 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 243.760 ug/l
 RT: 12.769 min Scan# 1785
 Delta R.T. 0.006 min
 Lab File: VW032142.D
 Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 512832
 Ion Ratio Lower Upper
 75 100
 77 0.0 141.7 425.1#





#77

Bromobenzene

Concen: 156.481 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

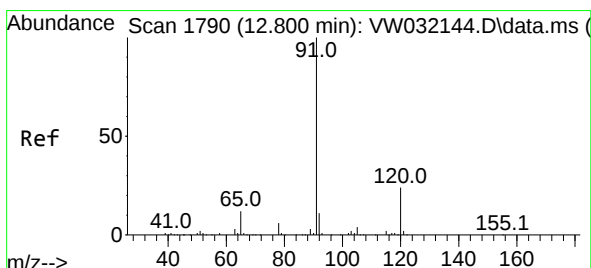
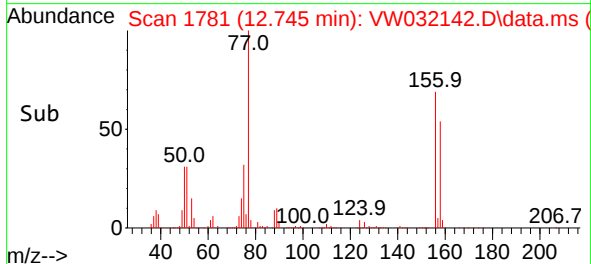
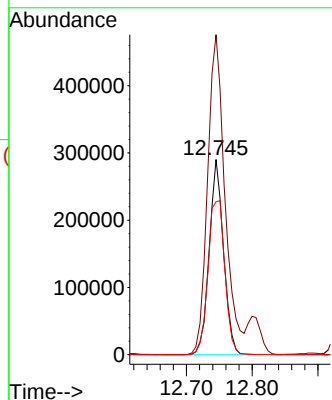
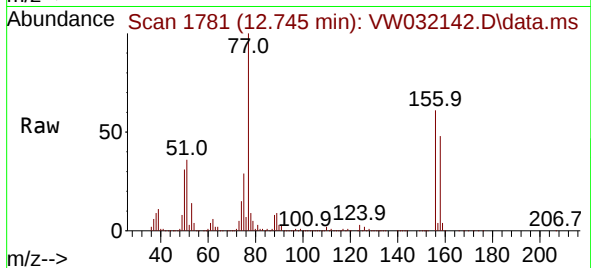
Tgt Ion:156 Resp: 440488

Ion Ratio Lower Upper

156 100

77 198.5 98.6 295.7

158 92.8 48.4 145.0



#78

n-propylbenzene

Concen: 158.250 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032142.D

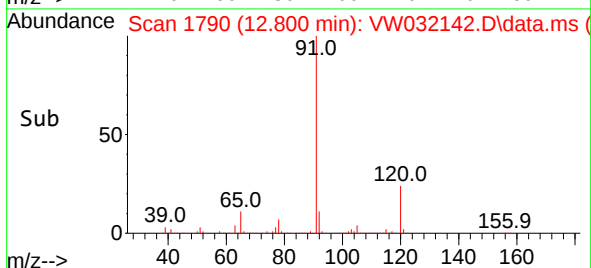
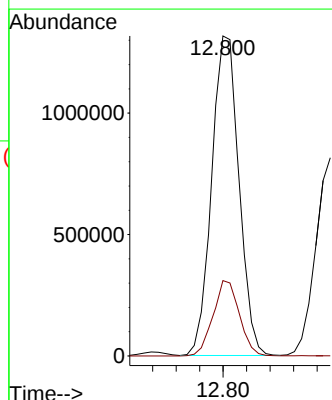
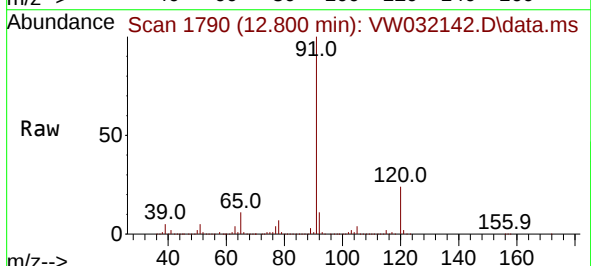
Acq: 26 Aug 2025 11:51

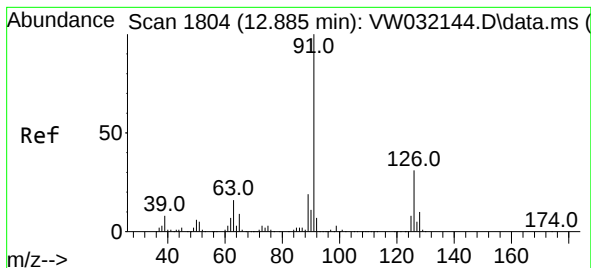
Tgt Ion: 91 Resp: 2120830

Ion Ratio Lower Upper

91 100

120 22.8 11.8 35.4





#79

2-Chlorotoluene

Concen: 156.618 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

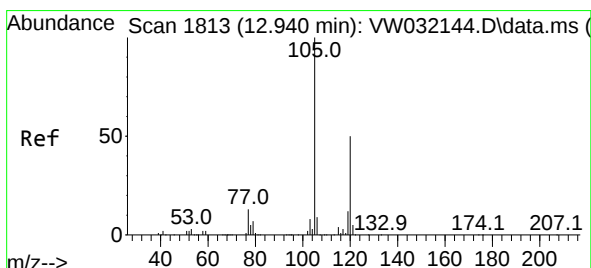
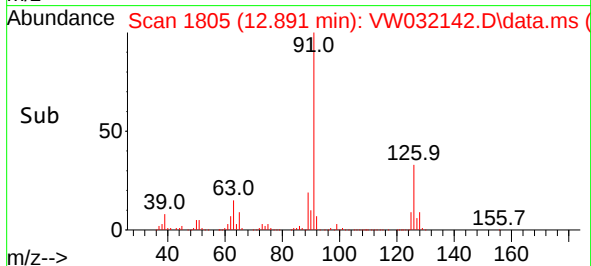
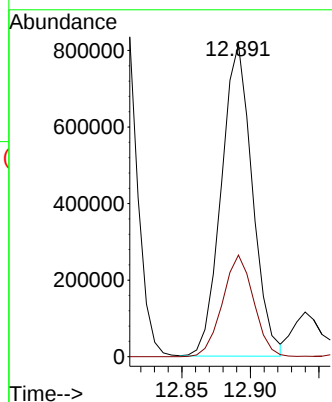
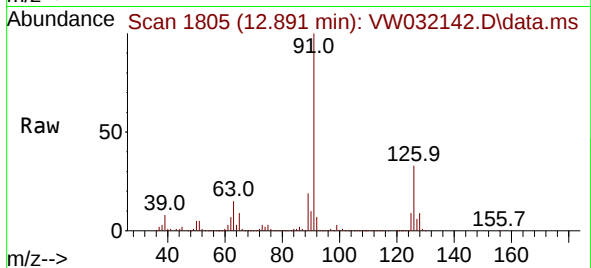
VSTDIC150

Tgt Ion: 91 Resp: 1283524

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 159.771 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032142.D

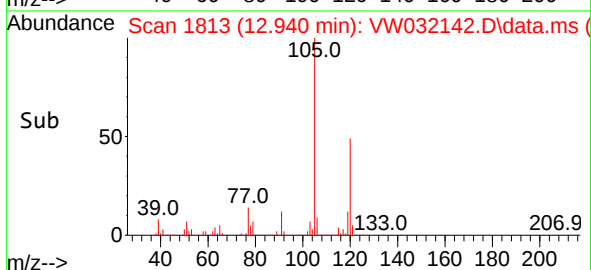
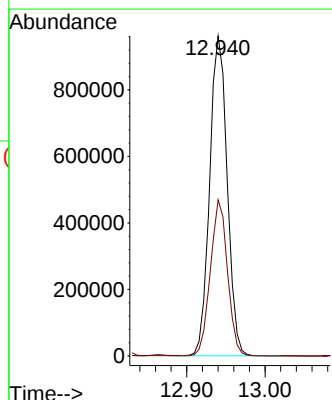
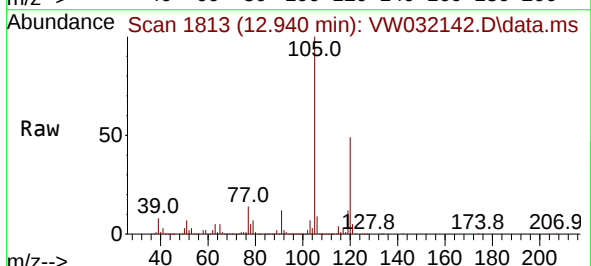
Acq: 26 Aug 2025 11:51

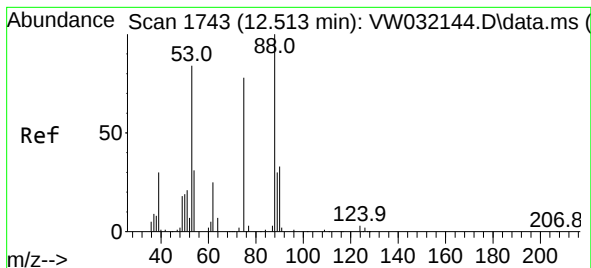
Tgt Ion:105 Resp: 1493220

Ion Ratio Lower Upper

105 100

120 47.7 24.8 74.4

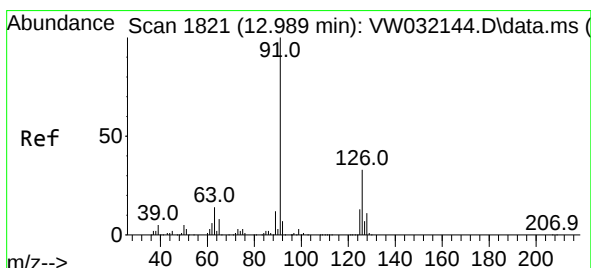
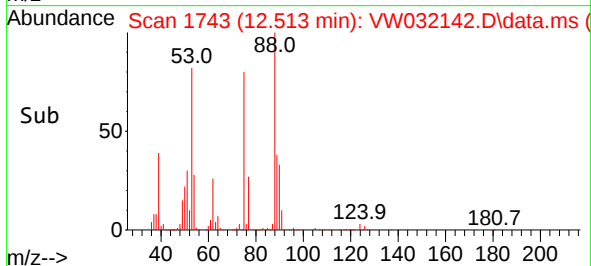
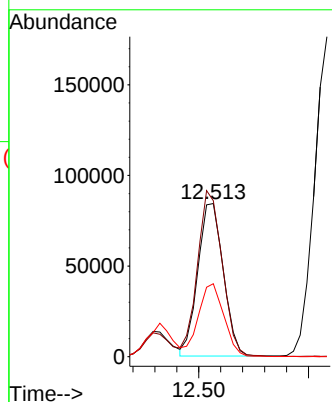
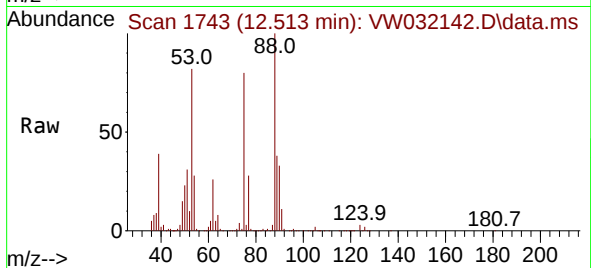




#81
trans-1,4-Dichloro-2-butene
Concen: 179.923 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

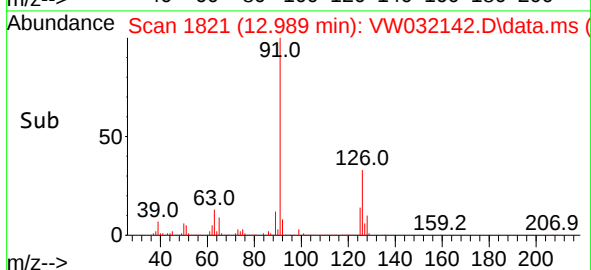
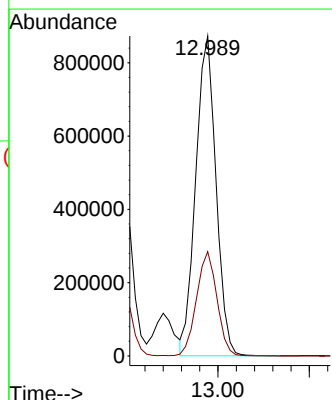
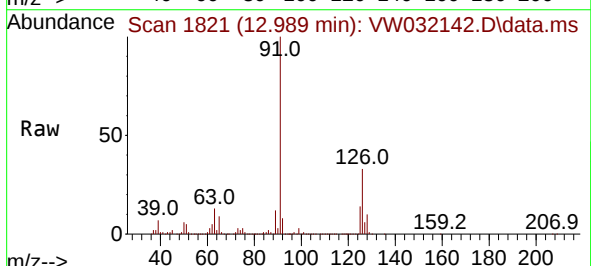
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

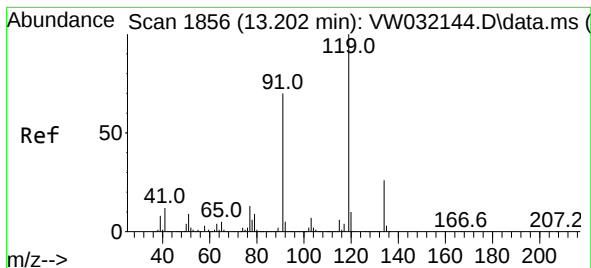
Tgt Ion: 75 Resp: 136029
Ion Ratio Lower Upper
75 100
53 106.1 91.0 136.6
89 48.2 39.4 59.2



#82
4-Chlorotoluene
Concen: 152.954 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 91 Resp: 1341754
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2

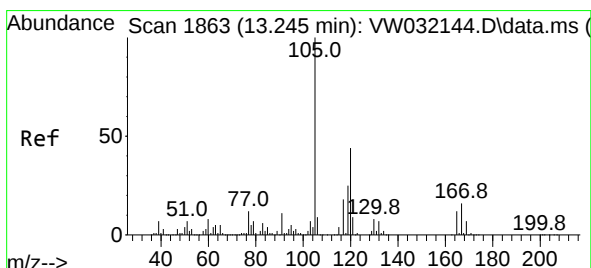
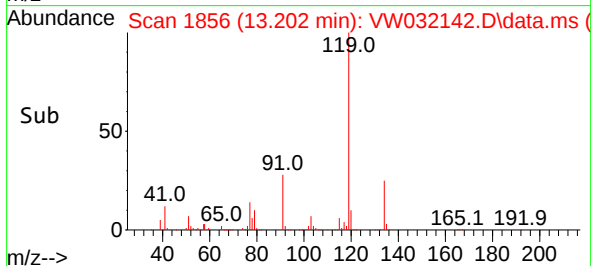
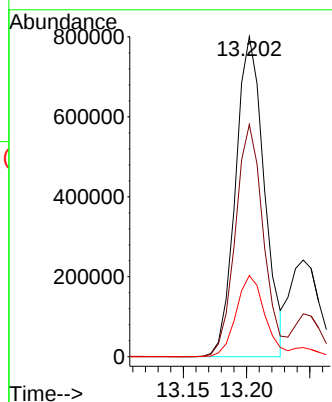
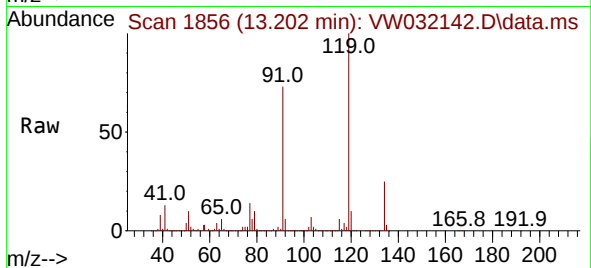




#83
tert-Butylbenzene
Concen: 159.592 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

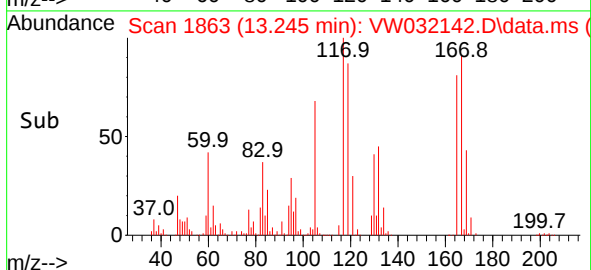
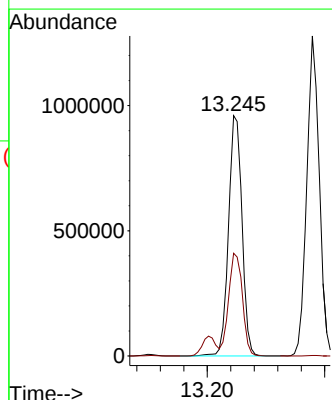
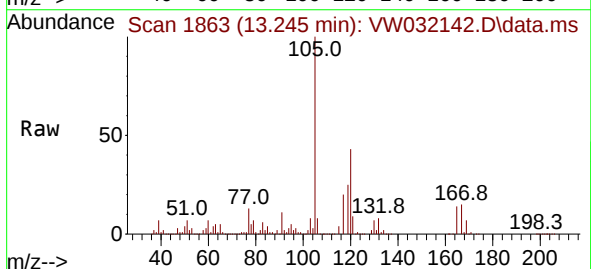
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

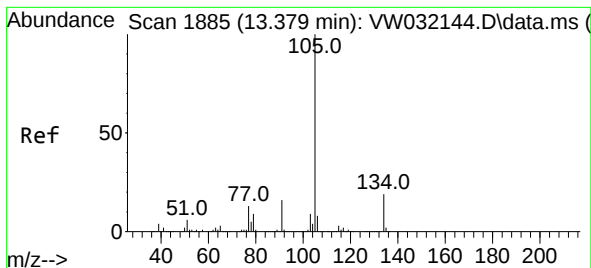
Tgt Ion:119 Resp: 1264671
Ion Ratio Lower Upper
119 100
91 71.6 33.8 101.3
134 25.3 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 158.090 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:105 Resp: 1528604
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 159.198 ug/l

RT: 13.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

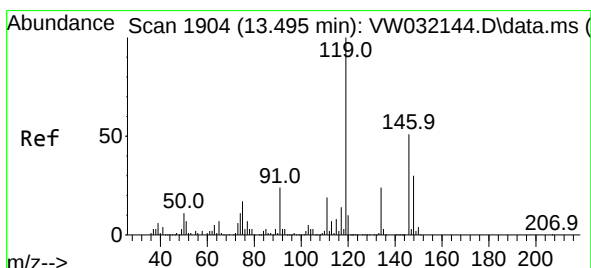
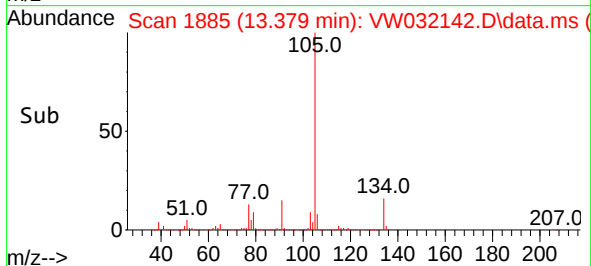
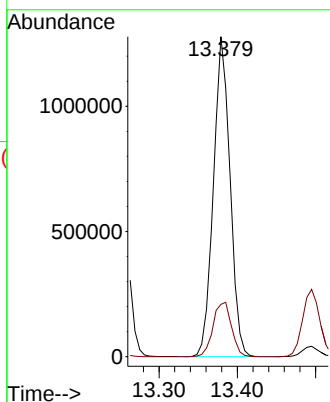
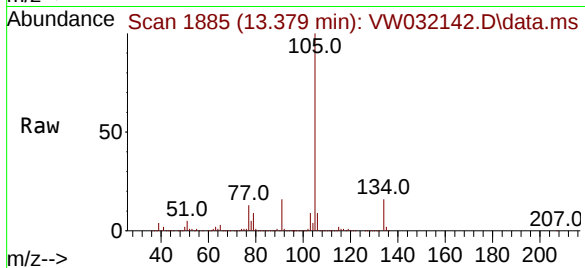
VSTDIC150

Tgt Ion:105 Resp: 1883544

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 159.424 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

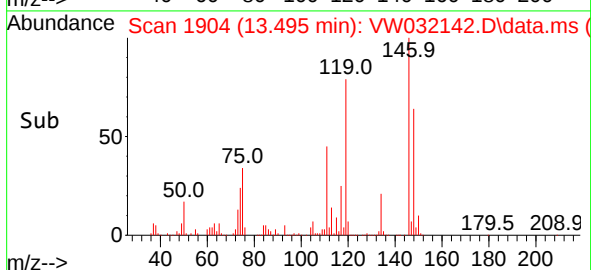
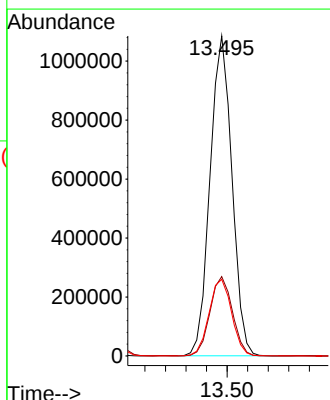
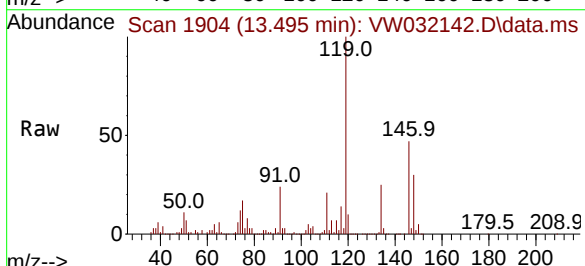
Tgt Ion:119 Resp: 1604066

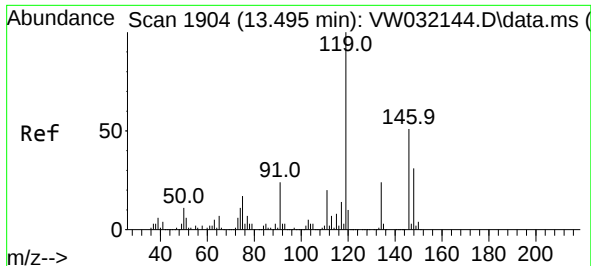
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 146.037 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

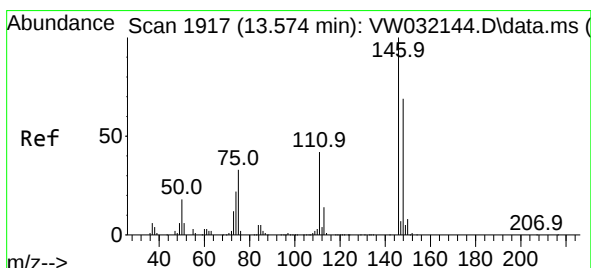
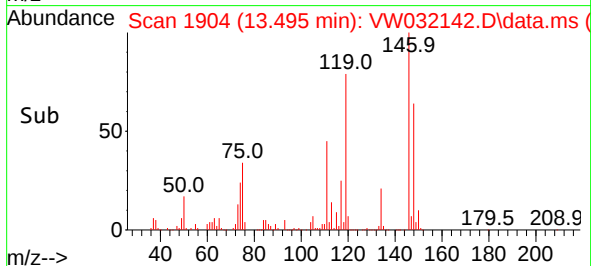
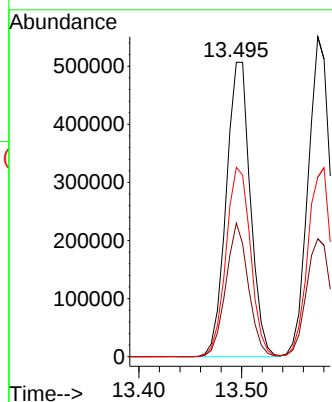
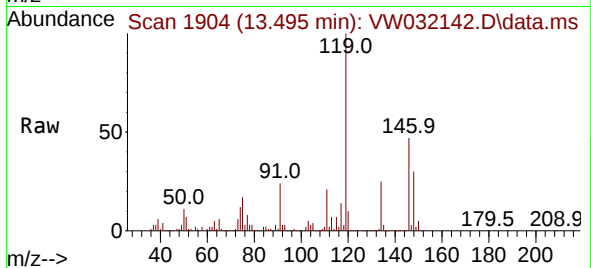
Tgt Ion:146 Resp: 827718

Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.9

148 65.2 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 150.918 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

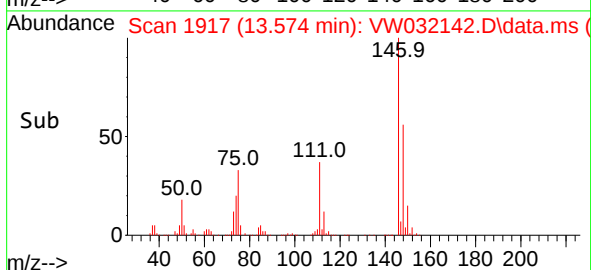
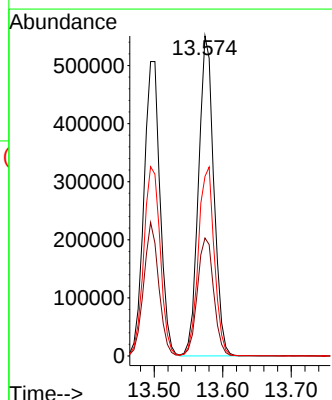
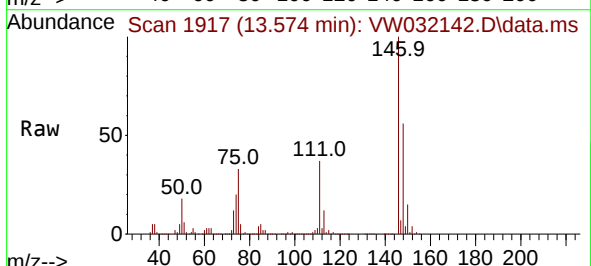
Tgt Ion:146 Resp: 857389

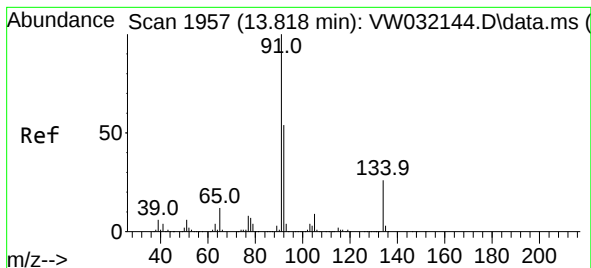
Ion Ratio Lower Upper

146 100

111 39.0 21.3 63.7

148 61.4 33.4 100.1





#89

n-Butylbenzene

Concen: 159.573 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

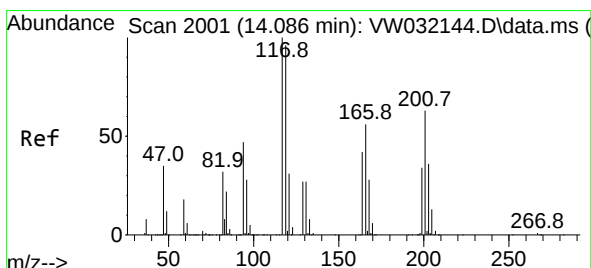
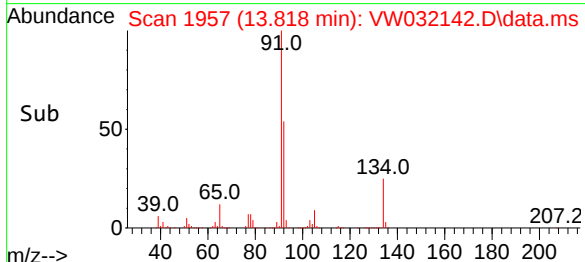
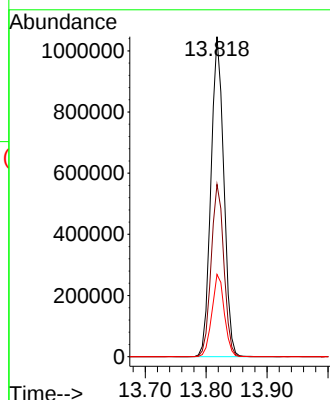
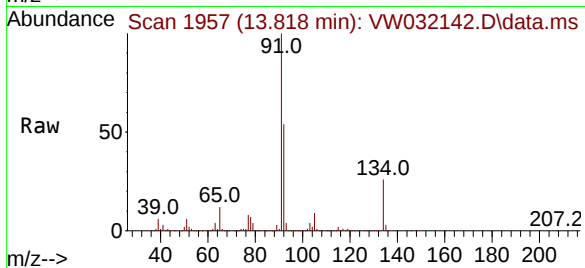
MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 1530726

Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	81.0
134	25.0	13.1	39.3



#90

Hexachloroethane

Concen: 160.350 ug/l

RT: 14.086 min Scan# 2001

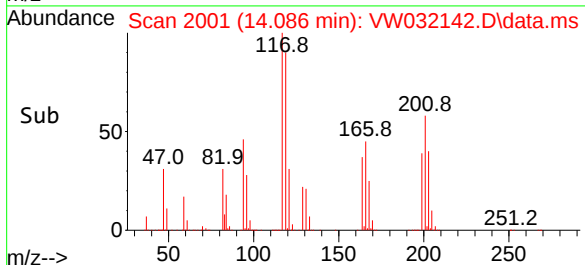
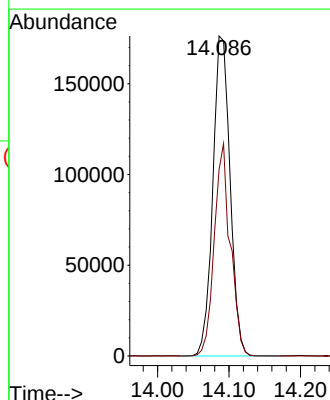
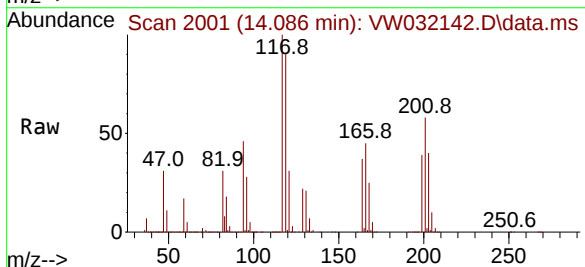
Delta R.T. -0.000 min

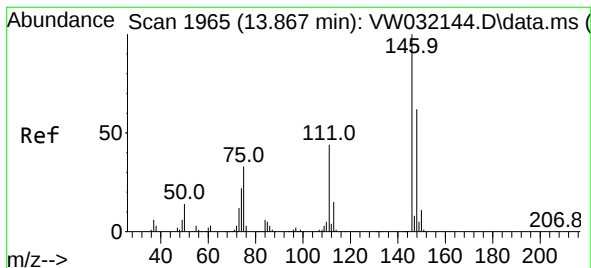
Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Tgt Ion: 117 Resp: 295110

Ion	Ratio	Lower	Upper
117	100		
201	61.8	32.8	98.4

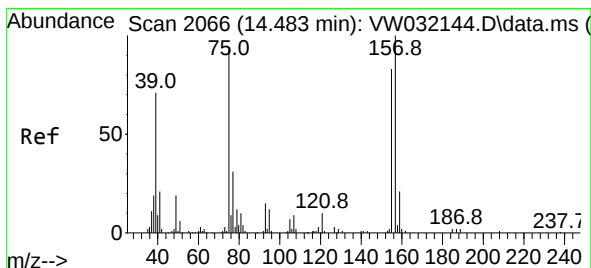
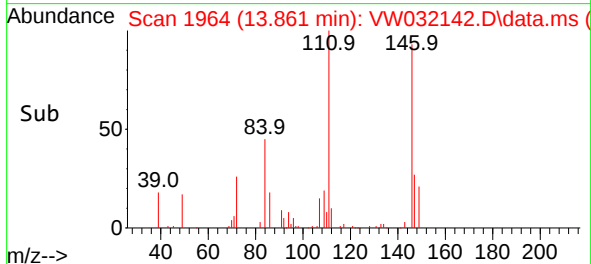
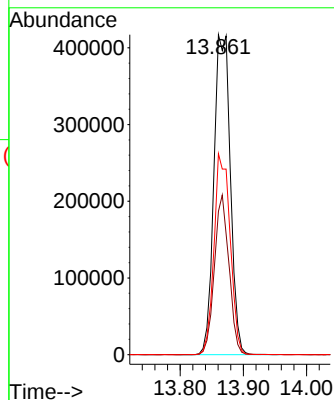
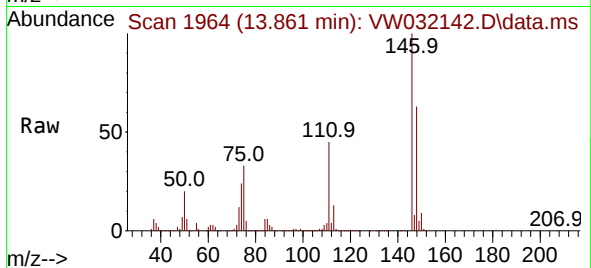




#91
1,2-Dichlorobenzene
Concen: 149.508 ug/l
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

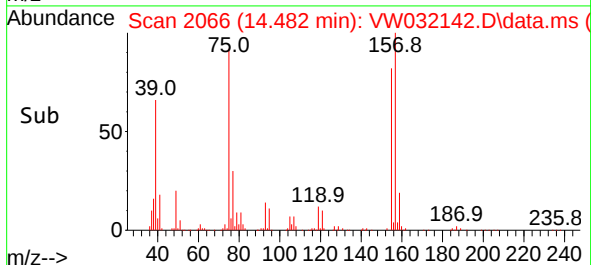
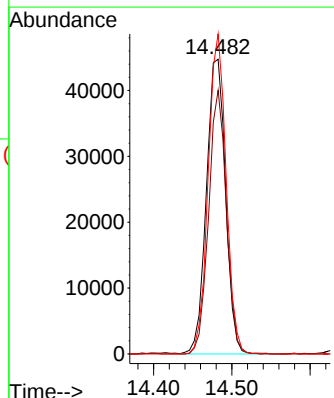
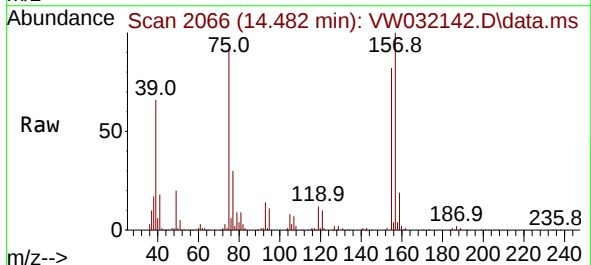
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

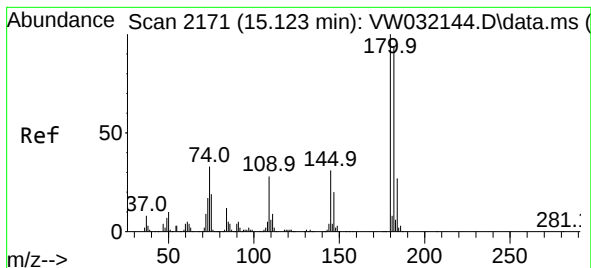
Tgt Ion:146 Resp: 750254
Ion Ratio Lower Upper
146 100
111 44.4 23.4 70.0
148 61.4 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 164.310 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 76149
Ion Ratio Lower Upper
75 100
155 82.4 40.8 122.5
157 101.2 51.8 155.4

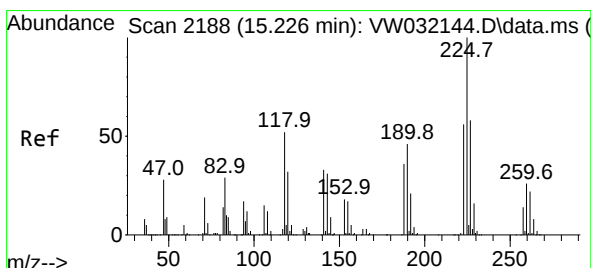
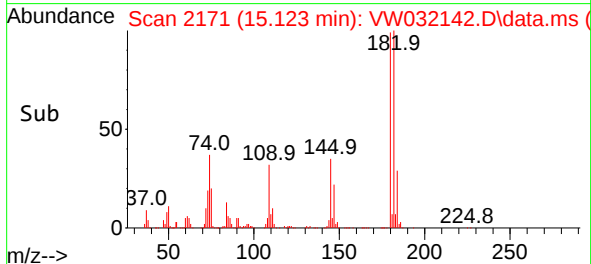
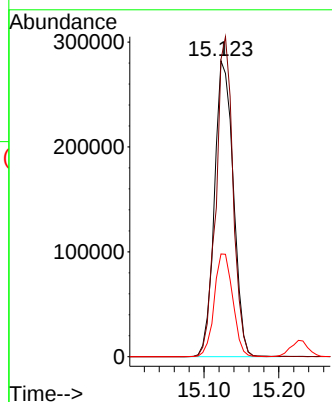
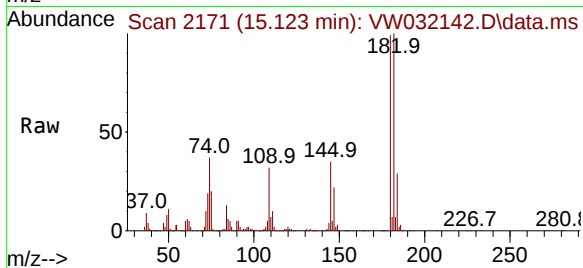




#93
1,2,4-Trichlorobenzene
Concen: 154.301 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

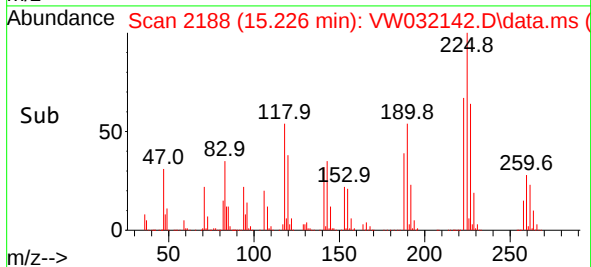
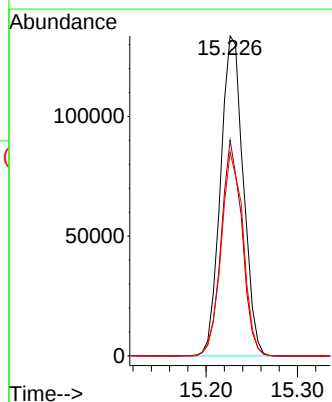
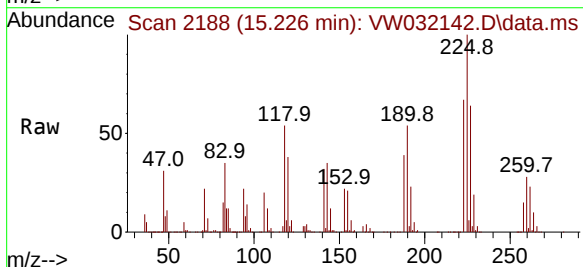
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

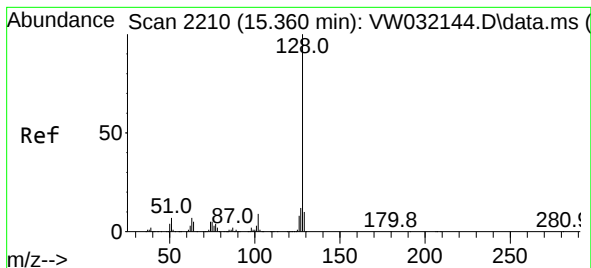
Tgt Ion:180 Resp: 494705
Ion Ratio Lower Upper
180 100
182 97.6 47.4 142.2
145 34.1 16.4 49.1



#94
Hexachlorobutadiene
Concen: 145.321 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:225 Resp: 231073
Ion Ratio Lower Upper
225 100
223 61.8 29.8 89.3
227 61.6 30.5 91.5





#95

Naphthalene

Concen: 169.618 ug/l

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

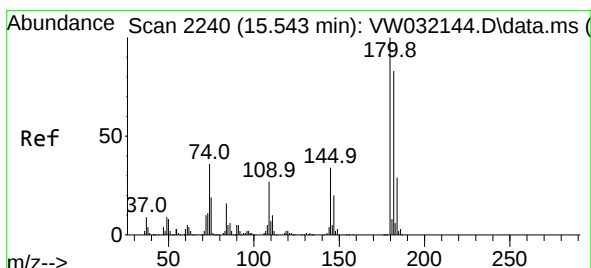
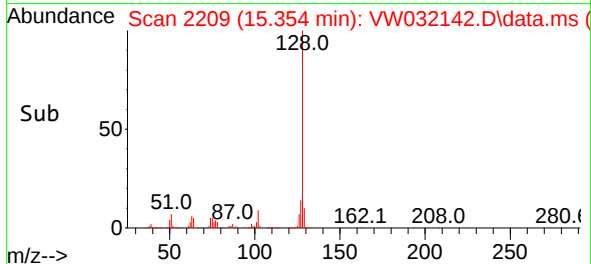
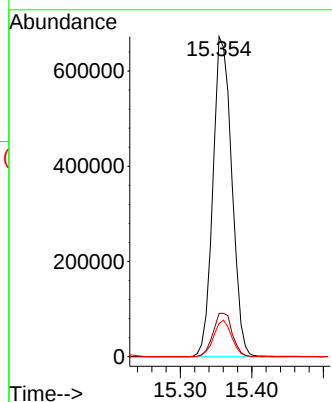
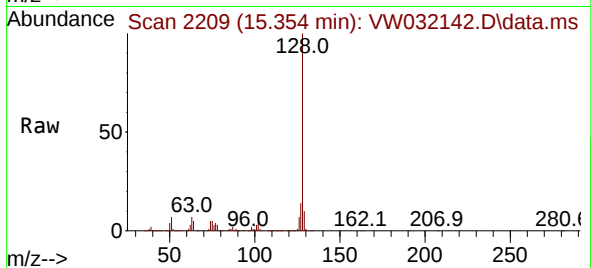
Tgt Ion:128 Resp: 1230735

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 157.838 ug/l

RT: 15.555 min Scan# 2242

Delta R.T. 0.012 min

Lab File: VW032142.D

Acq: 26 Aug 2025 11:51

Tgt Ion:180 Resp: 470621

Ion Ratio Lower Upper

180 100

182 97.4 47.7 143.1

145 36.3 17.2 51.6

