

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032568.D
 Acq On : 03 Dec 2025 13:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 04 03:50:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:43:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	344845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	632962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	569805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	760845	148.257	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 296.520%#	
35) Dibromofluoromethane	7.905	113	638689	153.335	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 306.660%#	
50) Toluene-d8	10.325	98	2424884	154.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 309.420%#	
62) 4-Bromofluorobenzene	12.617	95	869102	150.085	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 300.160%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.040	85	307548	144.081	ug/l	92
3) Chloromethane	2.253	50	566242	144.303	ug/l	99
4) Vinyl Chloride	2.406	62	668896	140.504	ug/l	97
5) Bromomethane	2.814	94	450952	142.634	ug/l	92
6) Chloroethane	2.966	64	453956	147.632	ug/l	100
7) Trichlorofluoromethane	3.302	101	567062	153.675	ug/l	97
8) Diethyl Ether	3.722	74	410909	150.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	549768	140.925	ug/l	99
10) Methyl Iodide	4.308	142	904368	153.707	ug/l	96
11) Tert butyl alcohol	5.216	59	283606	718.481	ug/l #	87
12) 1,1-Dichloroethene	4.082	96	635060	144.380	ug/l	99
13) Acrolein	3.930	56	563429	805.333	ug/l	100
14) Allyl chloride	4.704	41	1258443	156.295	ug/l	99
15) Acrylonitrile	5.399	53	1128865	788.026	ug/l	99
16) Acetone	4.161	43	1277870	796.857	ug/l	99
17) Carbon Disulfide	4.417	76	1950048	149.648	ug/l	98
18) Methyl Acetate	4.710	43	508043	153.818	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	1278982	156.000	ug/l	99
20) Methylene Chloride	4.954	84	753644	131.413	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	721177	150.057	ug/l	97
22) Diisopropyl ether	6.344	45	2485007	154.645	ug/l	98
23) Vinyl Acetate	6.283	43	8659113	813.238	ug/l	100
24) 1,1-Dichloroethane	6.246	63	1395226	149.550	ug/l	99
25) 2-Butanone	7.191	43	1670432	811.659	ug/l	99
26) 2,2-Dichloropropane	7.185	77	742823	137.348	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	867694	155.080	ug/l	99
28) Bromochloromethane	7.533	49	635234	151.575	ug/l	99
29) Tetrahydrofuran	7.551	42	1000047	813.819	ug/l	99
30) Chloroform	7.697	83	1372018	148.182	ug/l	97
31) Cyclohexane	7.972	56	1160978	141.125	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	985298	146.623	ug/l	99
36) 1,1-Dichloropropene	8.100	75	975846	153.595	ug/l	99
37) Ethyl Acetate	7.270	43	681623	155.028	ug/l	100
38) Carbon Tetrachloride	8.087	117	892447	151.197	ug/l	92
39) Methylcyclohexane	9.343	83	1230826	158.653	ug/l	98
40) Benzene	8.337	78	3052873	150.785	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	424590	178.472	ug/l	97
42) 1,2-Dichloroethane	8.411	62	941373	151.647	ug/l	99
43) Isopropyl Acetate	8.435	43	1235816	163.523	ug/l	100
44) Trichloroethene	9.106	130	683213	150.982	ug/l	91
45) 1,2-Dichloropropane	9.374	63	766457	152.411	ug/l	96
46) Dibromomethane	9.465	93	442404	152.131	ug/l	99
47) Bromodichloromethane	9.648	83	1079333	158.352	ug/l	98
48) Methyl methacrylate	9.441	41	585778	170.511	ug/l	93
49) 1,4-Dioxane	9.465	88	120400	3464.888	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	3331273	796.619	ug/l	98
52) Toluene	10.392	92	1913501	156.851	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	1106047	169.147	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	1242091	161.865	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	594451	152.619	ug/l	92
56) Ethyl methacrylate	10.648	69	948462	176.082	ug/l	99
57) 1,3-Dichloropropane	10.934	76	1060340	152.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	2456147	870.246	ug/l	99
59) 2-Hexanone	10.971	43	2469400	829.176	ug/l	97
60) Dibromochloromethane	11.130	129	681720	156.162	ug/l	98
61) 1,2-Dibromoethane	11.239	107	571696	154.336	ug/l	98
64) Tetrachloroethene	10.867	164	570454	150.101	ug/l	91
65) Chlorobenzene	11.654	112	2046322	151.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	636011	152.732	ug/l	97
67) Ethyl Benzene	11.727	91	3674648	160.796	ug/l	100
68) m/p-Xylenes	11.837	106	2726282	313.781	ug/l	98
69) o-Xylene	12.166	106	1288302	161.908	ug/l	95
70) Styrene	12.178	104	2234499	160.096	ug/l	99
71) Bromoform	12.349	173	384325	167.831	ug/l #	99
73) Isopropylbenzene	12.459	105	3238130	172.231	ug/l	100
74) N-amyl acetate	12.270	43	1116097	179.335	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	713958	161.316	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	940373	272.254	ug/l	39
77) Bromobenzene	12.745	156	744177	167.444	ug/l	96
78) n-propylbenzene	12.800	91	3955189	164.897	ug/l	98
79) 2-Chlorotoluene	12.891	91	2376967	166.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	2685262	167.388	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	266840	182.999	ug/l	95
82) 4-Chlorotoluene	12.983	91	2468799	161.414	ug/l	99
83) tert-Butylbenzene	13.202	119	2286132	172.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	2735793	170.721	ug/l	99
85) sec-Butylbenzene	13.379	105	3374724	165.372	ug/l	98
86) p-Isopropyltoluene	13.495	119	2903764	172.762	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	1471665	161.952	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	1378445	152.831	ug/l	96
89) n-Butylbenzene	13.818	91	2862995	167.732	ug/l	99
90) Hexachloroethane	14.092	117	540322	167.848	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	1248934	156.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.477	75	128630	168.565	ug/l	93
93) 1,2,4-Trichlorobenzene	15.123	180	866787	178.552	ug/l	98
94) Hexachlorobutadiene	15.220	225	359013	160.664	ug/l	97
95) Naphthalene	15.361	128	2110720	193.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	759368	172.185	ug/l	97

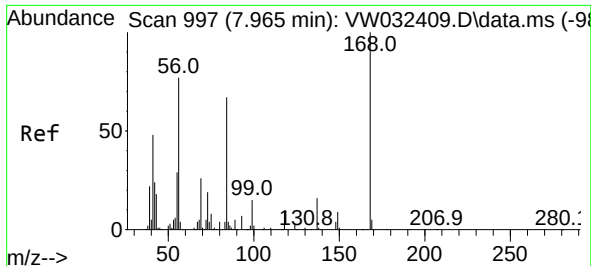
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:43:50 2025
Response via : Initial Calibration

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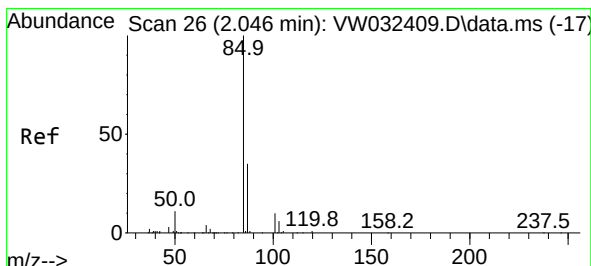
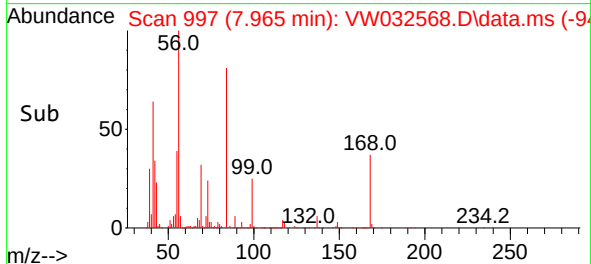
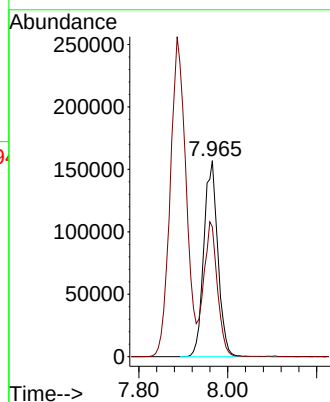
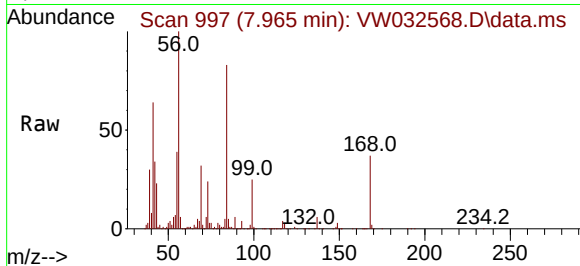
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

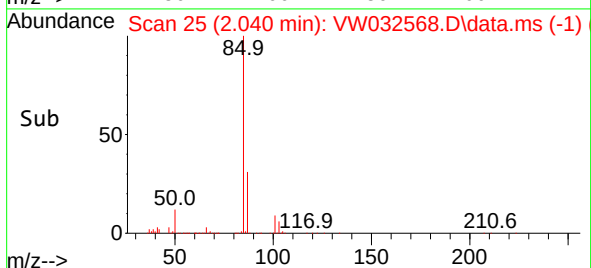
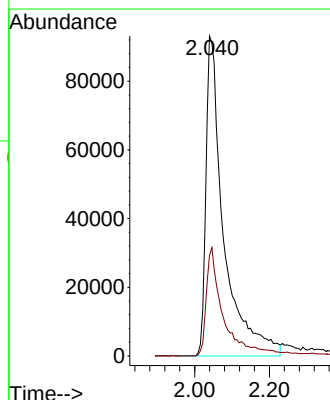
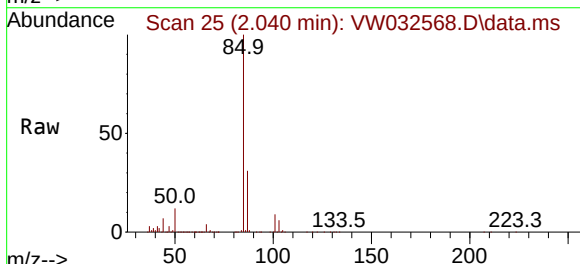
Instrument :
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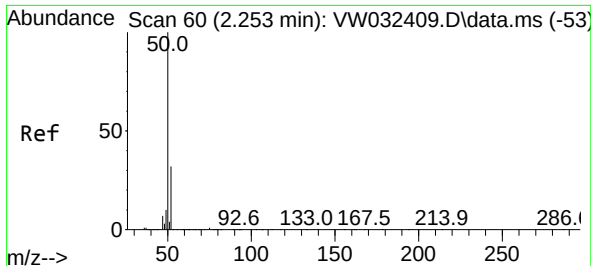
Tgt Ion:168 Resp: 344845
Ion Ratio Lower Upper
168 100
99 66.1 51.8 77.8



#2
Dichlorodifluoromethane
Concen: 144.081 ug/l
RT: 2.040 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 85 Resp: 307548
Ion Ratio Lower Upper
85 100
87 31.3 17.9 53.8

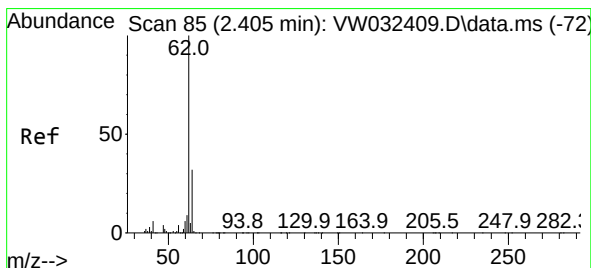
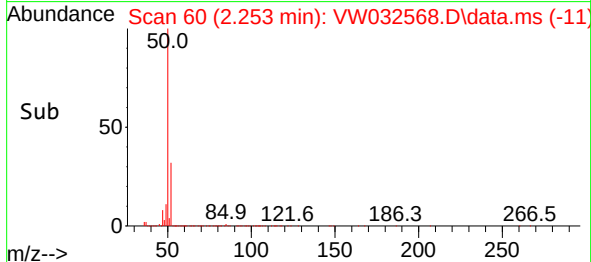
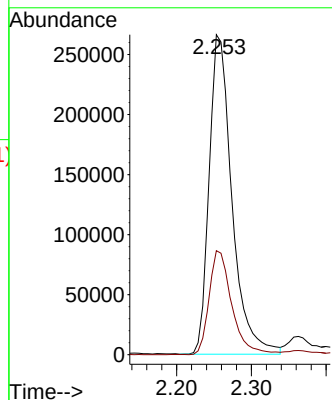
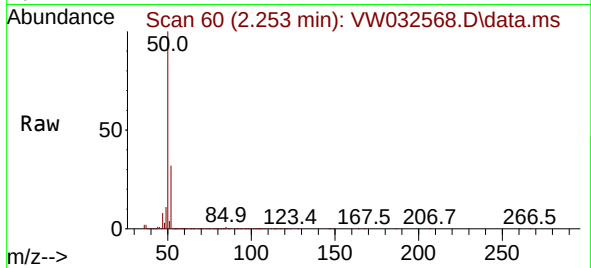




#3
Chloromethane
Concen: 144.303 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

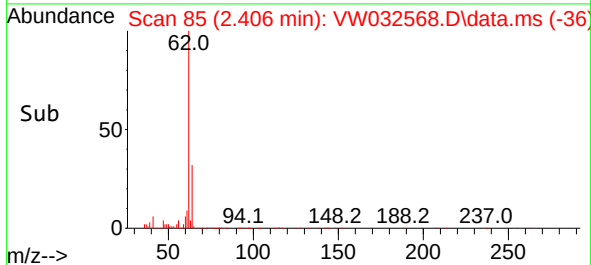
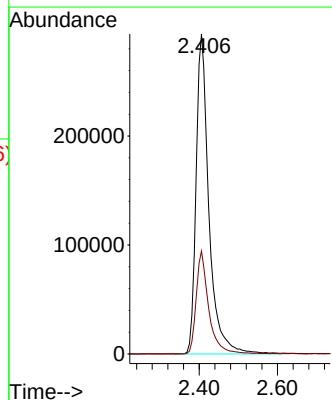
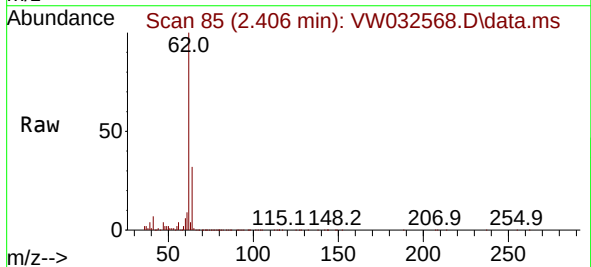
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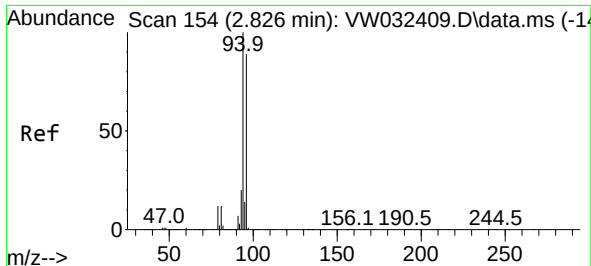
Tgt Ion: 50 Resp: 566242
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.4



#4
Vinyl Chloride
Concen: 140.504 ug/l
RT: 2.406 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 62 Resp: 668896
Ion Ratio Lower Upper
62 100
64 32.1 24.2 36.4

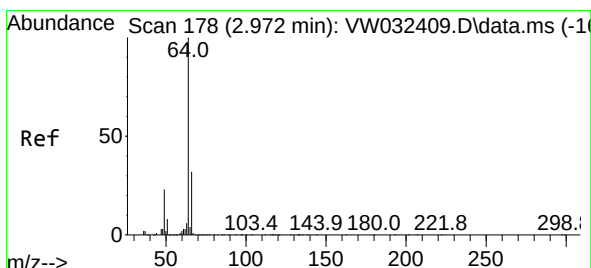
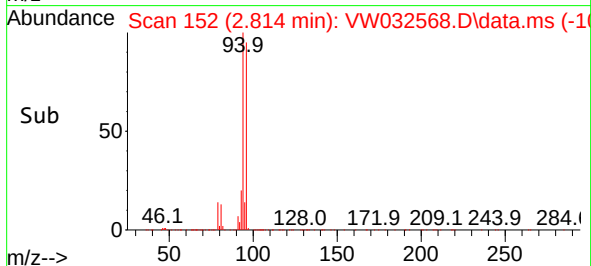
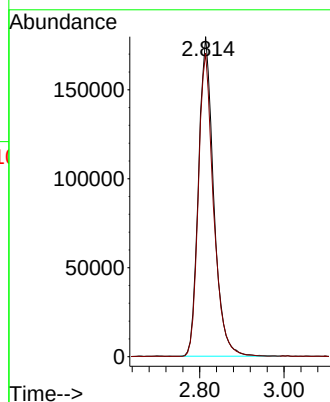
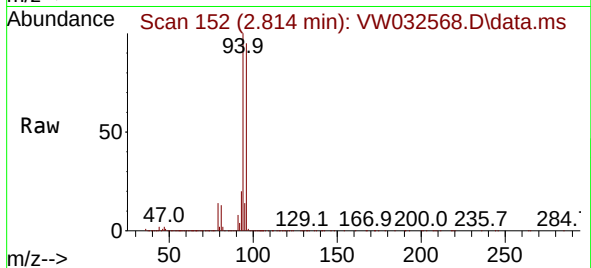




#5
Bromomethane
Concen: 142.634 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

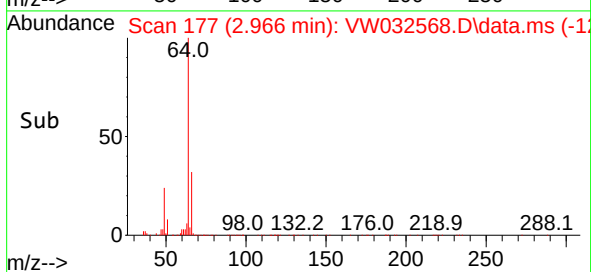
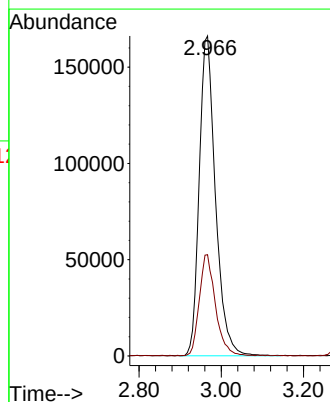
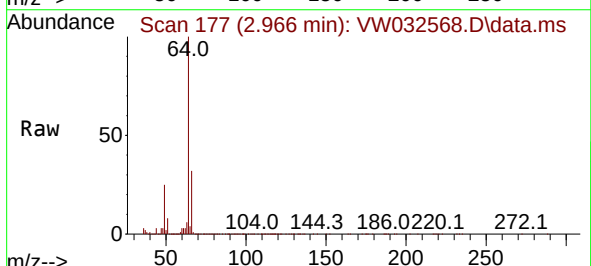
Instrument :
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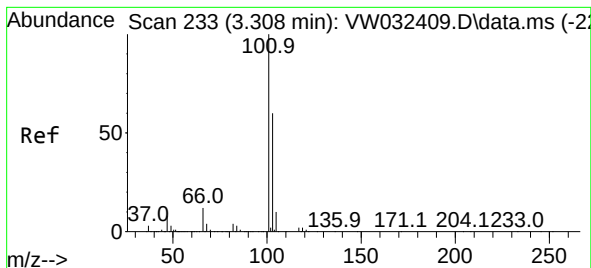
Tgt Ion: 94 Resp: 450952
Ion Ratio Lower Upper
94 100
96 94.9 69.9 104.9



#6
Chloroethane
Concen: 147.632 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 64 Resp: 453956
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2





#7

Trichlorofluoromethane

Concen: 153.675 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

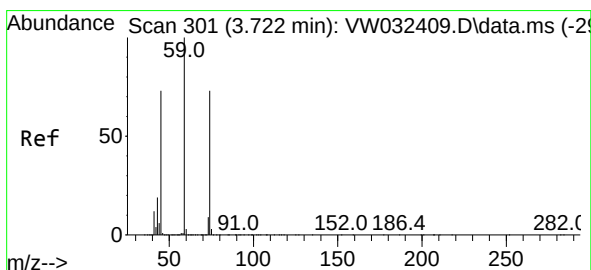
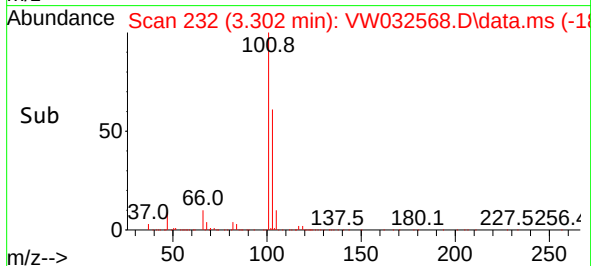
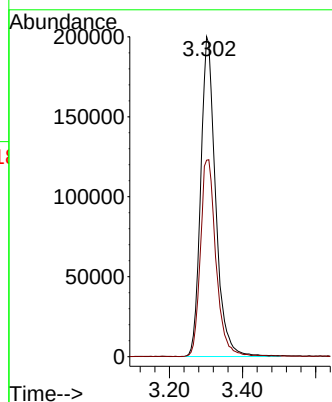
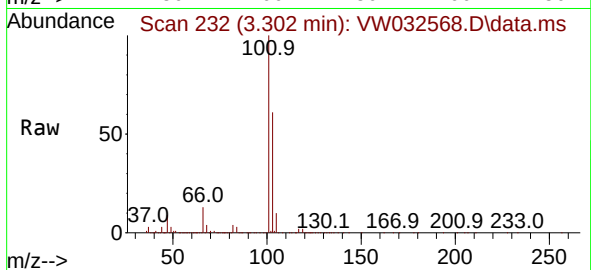
VSTDICC150

Tgt Ion:101 Resp: 567062

Ion Ratio Lower Upper

101 100

103 61.4 51.1 76.7



#8

Diethyl Ether

Concen: 150.635 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.000 min

Lab File: VW032568.D

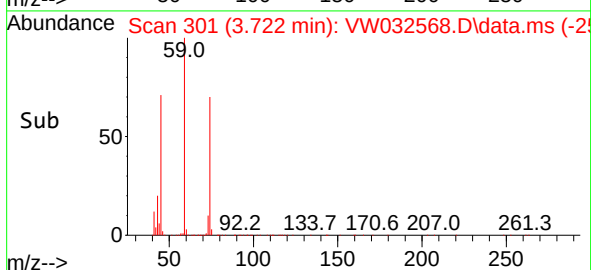
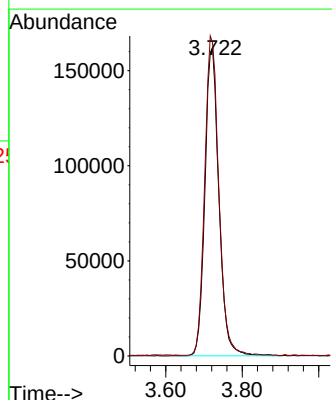
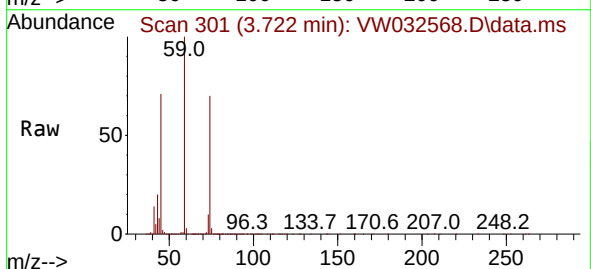
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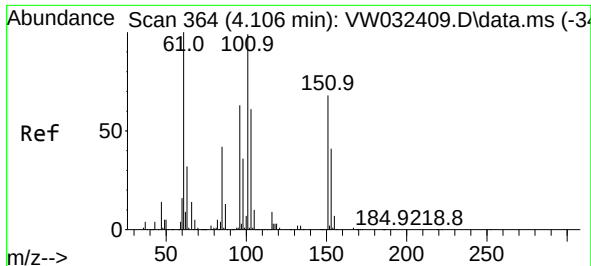
Tgt Ion: 74 Resp: 410909

Ion Ratio Lower Upper

74 100

45 104.9 53.4 160.3

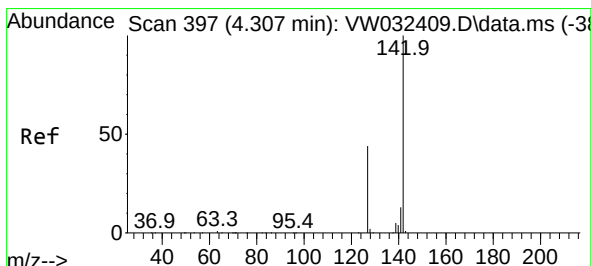
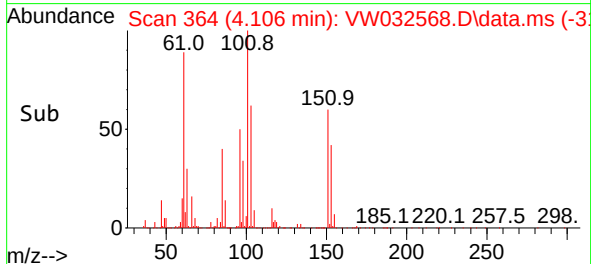
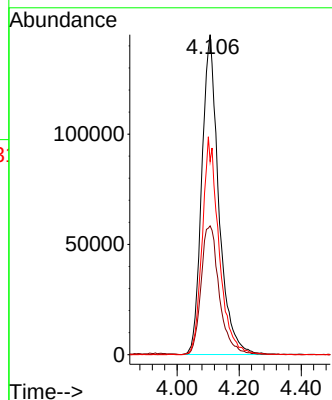
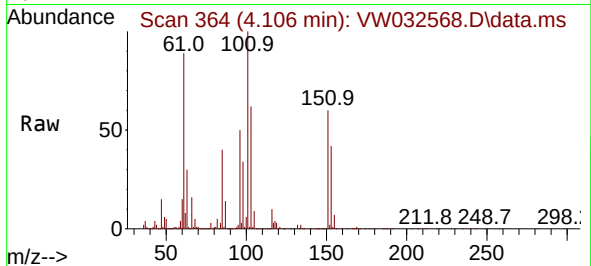




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.925 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032568.D
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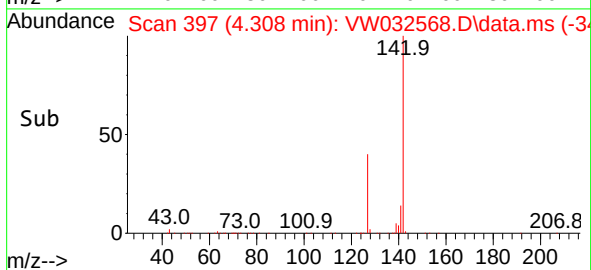
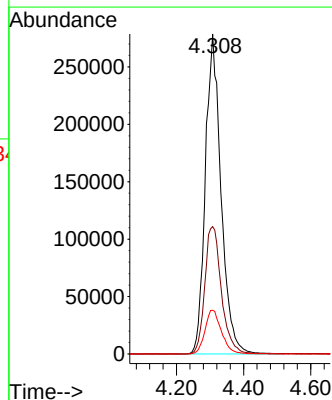
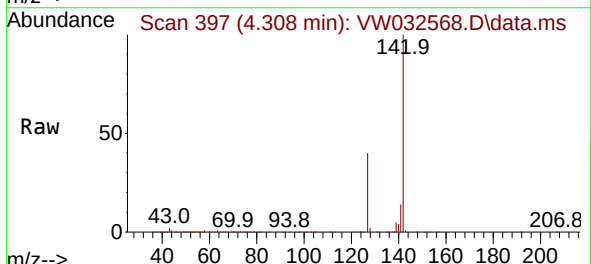
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ClientSampleId :
VSTDICC150

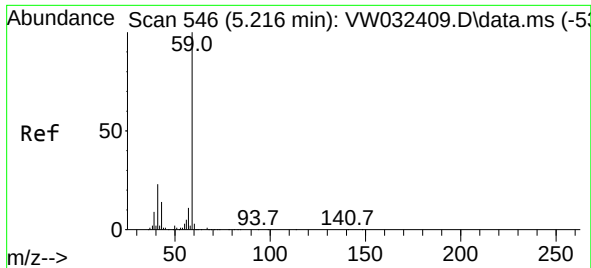
Tgt Ion:101 Resp: 549768
Ion Ratio Lower Upper
101 100
85 43.2 35.0 52.4
151 67.3 54.6 82.0



#10
Methyl Iodide
Concen: 153.707 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:142 Resp: 904368
Ion Ratio Lower Upper
142 100
127 42.1 36.2 54.2
141 14.4 11.9 17.9

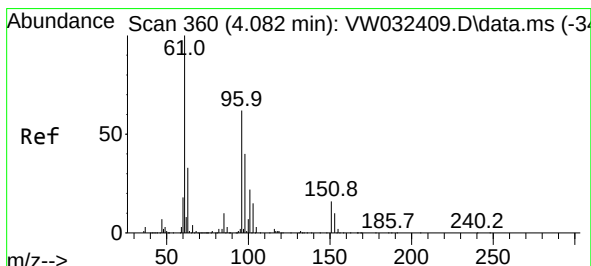
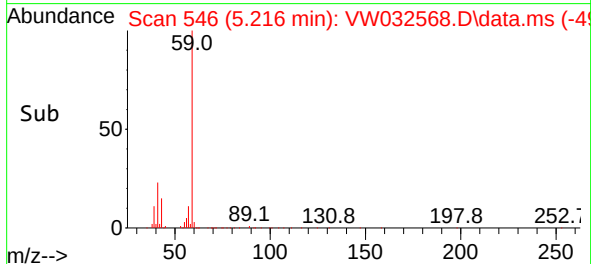
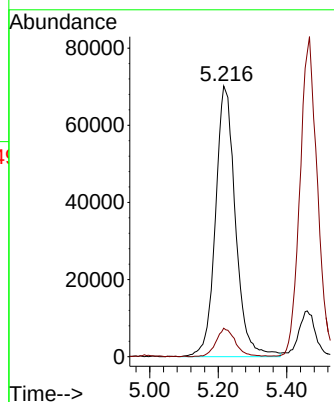
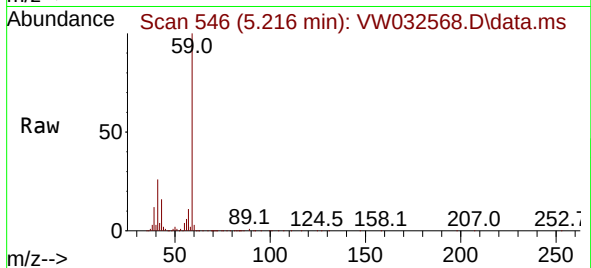




#11
Tert butyl alcohol
Concen: 718.481 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

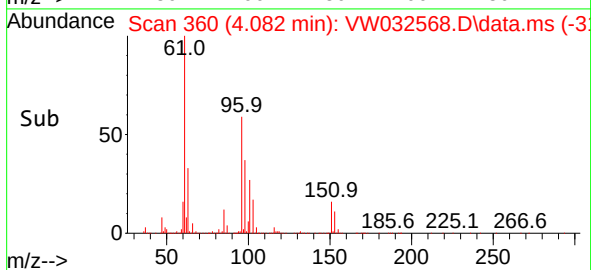
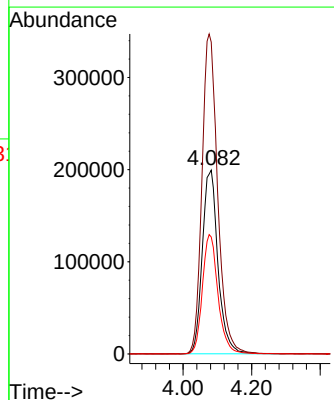
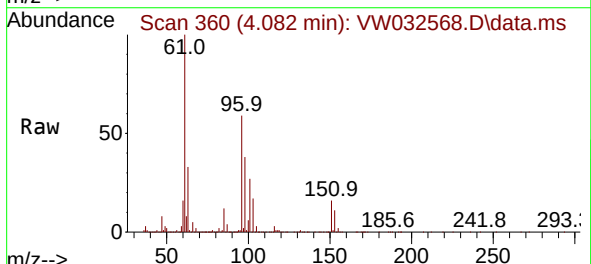
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

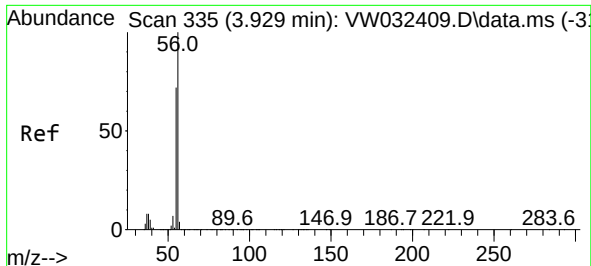
Tgt Ion: 59 Resp: 283606
Ion Ratio Lower Upper
59 100
57 10.2 4.6 6.8#



#12
1,1-Dichloroethene
Concen: 144.380 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 96 Resp: 635060
Ion Ratio Lower Upper
96 100
61 169.7 136.6 205.0
98 63.7 51.4 77.2

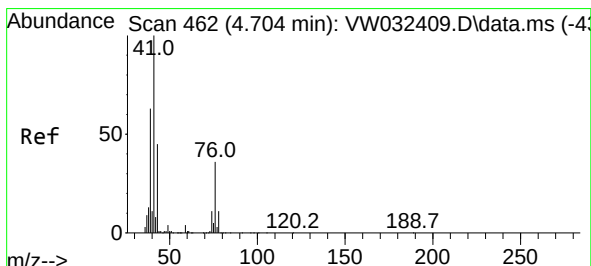
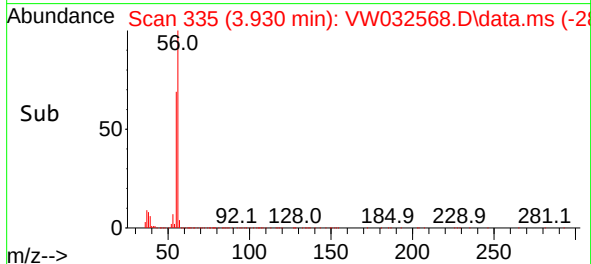
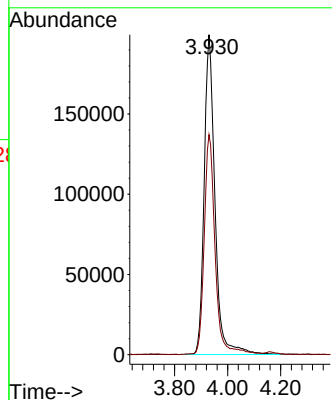
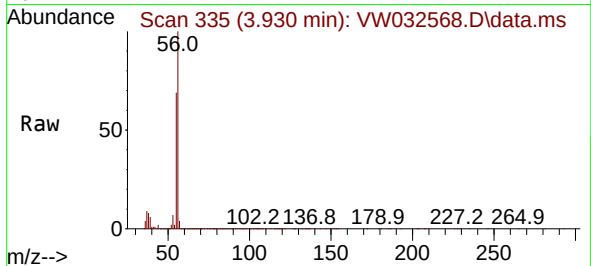




#13
Acrolein
Concen: 805.333 ug/l
RT: 3.930 min Scan# 311
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

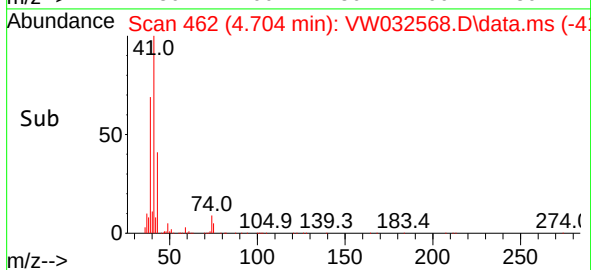
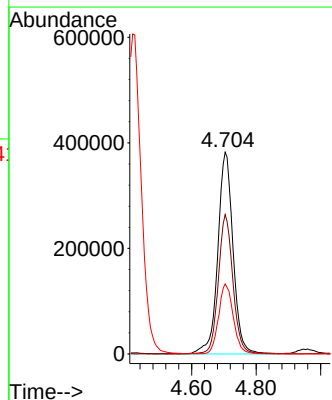
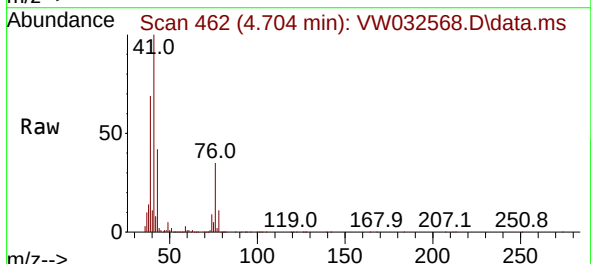
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

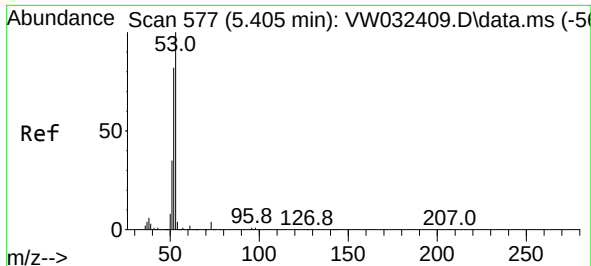
Tgt Ion: 56 Resp: 563429
Ion Ratio Lower Upper
56 100
55 69.3 55.2 82.8



#14
Allyl chloride
Concen: 156.295 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 41 Resp: 1258443
Ion Ratio Lower Upper
41 100
39 65.7 52.9 79.3
76 33.1 25.8 38.6



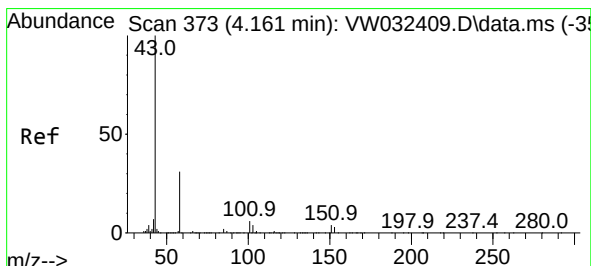
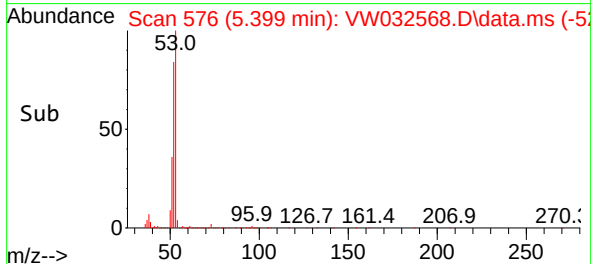
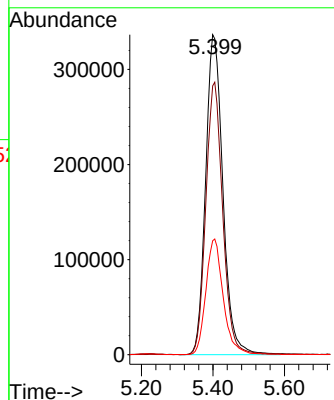
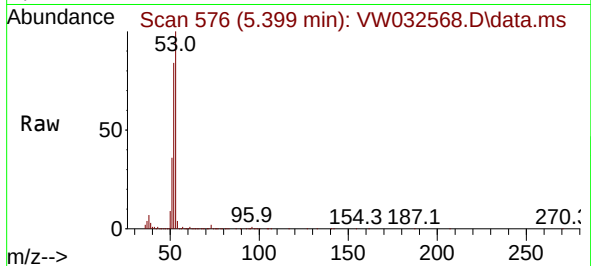


#15
Acrylonitrile
Concen: 788.026 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 1128865

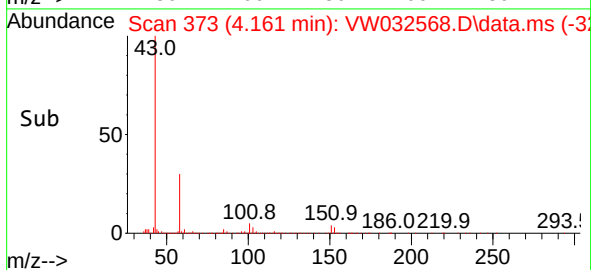
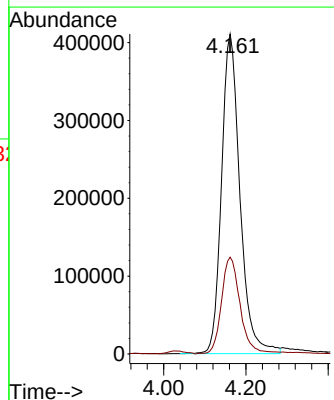
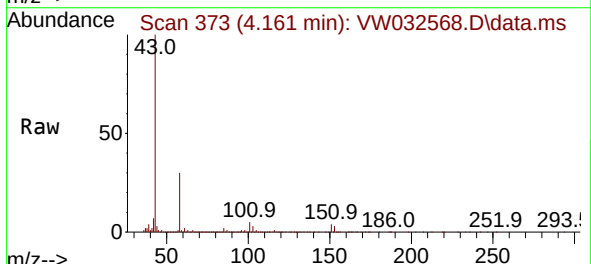
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.2	99.2
51	36.4	29.3	43.9

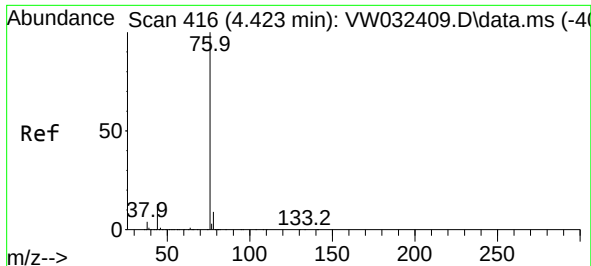


#16
Acetone
Concen: 796.857 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 43 Resp: 1277870

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.5	35.3

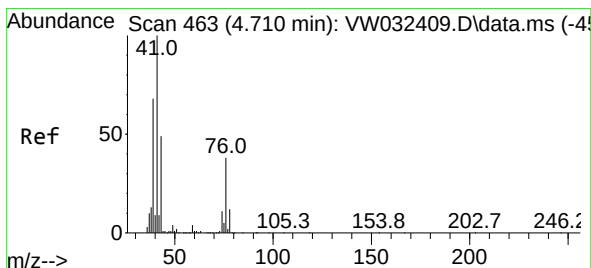
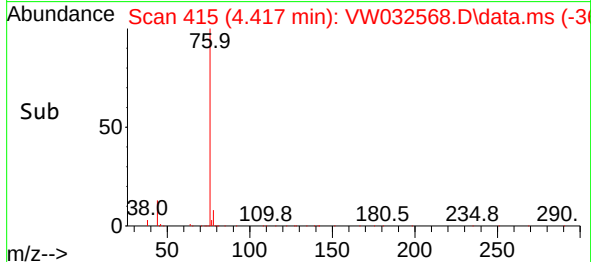
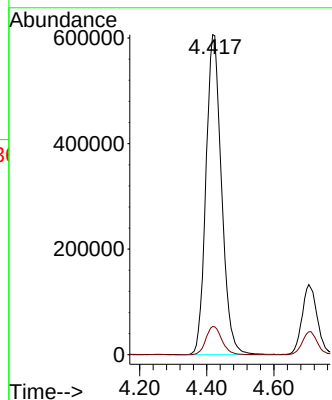
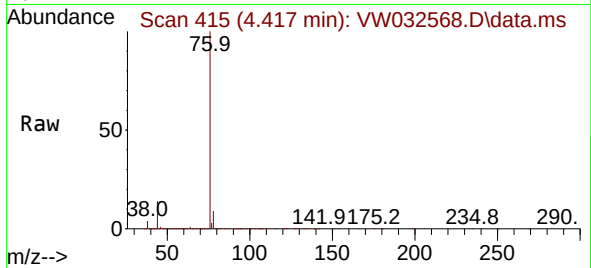




#17
Carbon Disulfide
Concen: 149.648 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

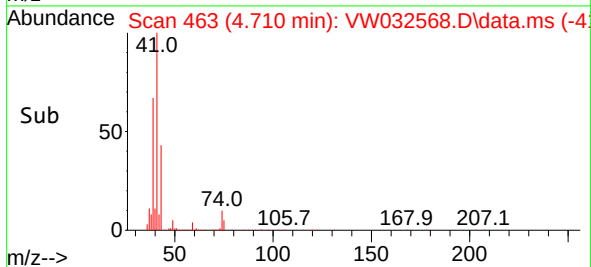
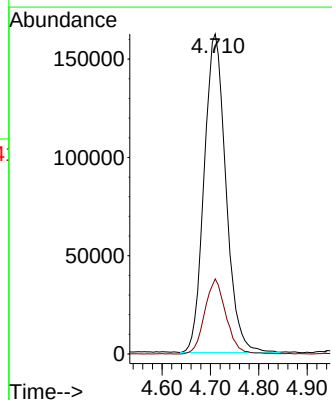
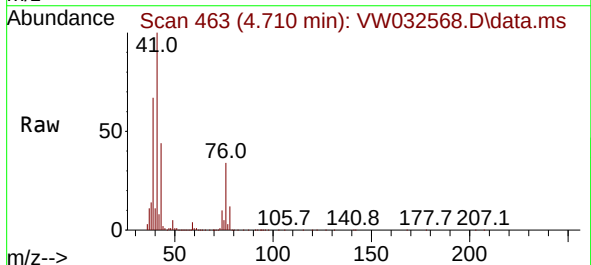
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

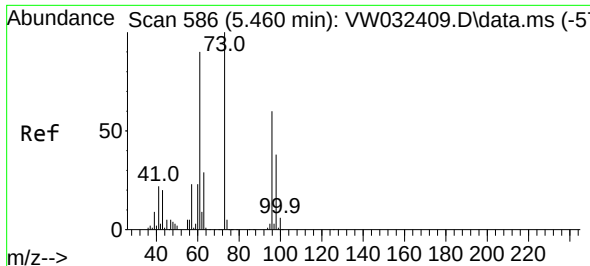
Tgt Ion: 76 Resp: 1950048
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8



#18
Methyl Acetate
Concen: 153.818 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 43 Resp: 508043
Ion Ratio Lower Upper
43 100
74 23.0 17.9 26.9

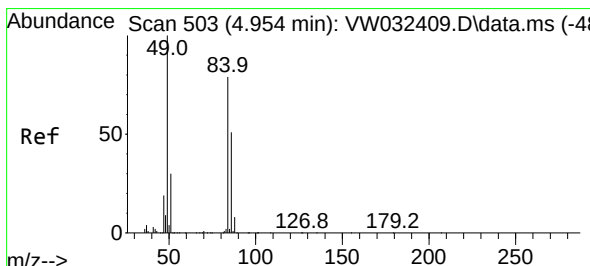
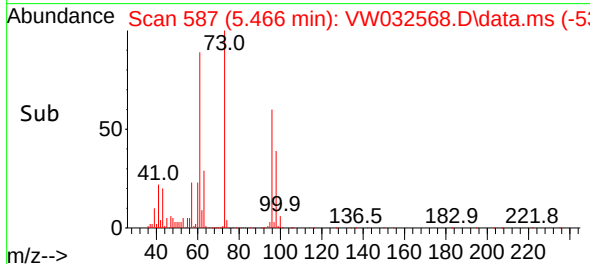
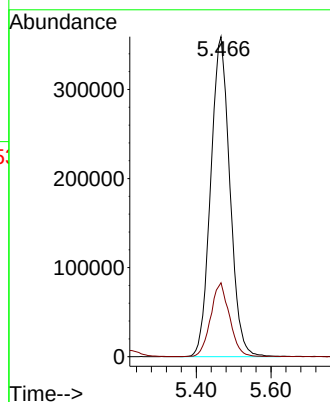
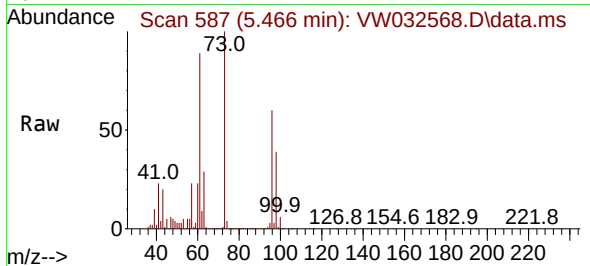




#19
Methyl tert-butyl Ether
Concen: 156.000 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

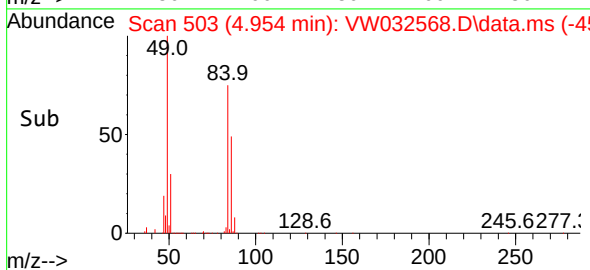
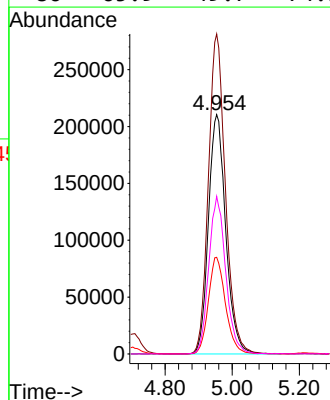
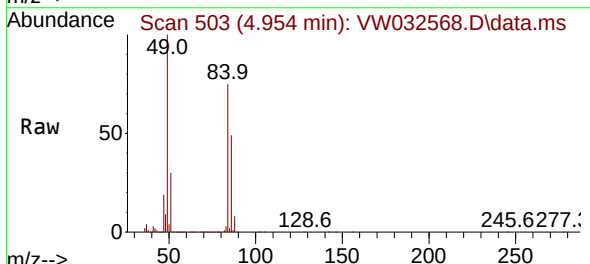
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

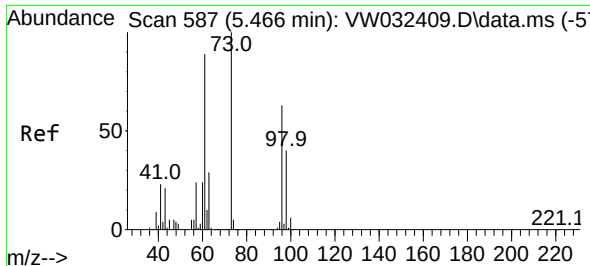
Tgt Ion: 73 Resp: 1278982
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.4



#20
Methylene Chloride
Concen: 131.413 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 84 Resp: 753644
Ion Ratio Lower Upper
84 100
49 133.6 107.6 161.4
51 40.3 33.9 50.9
86 65.9 49.7 74.5

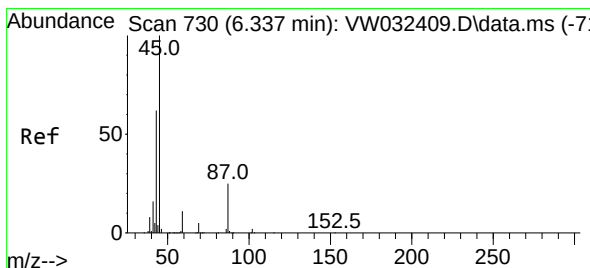
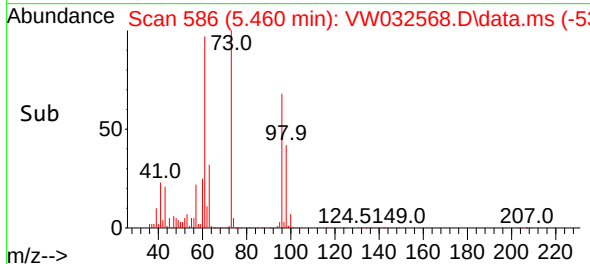
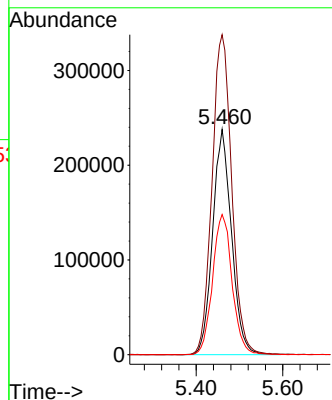
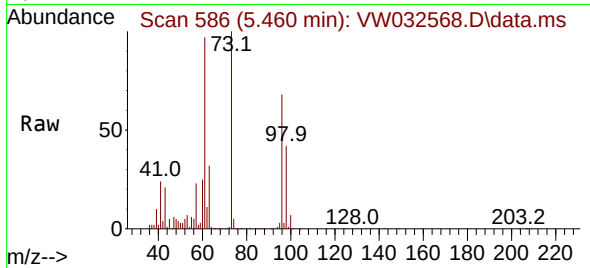




#21
trans-1,2-Dichloroethene
Concen: 150.057 ug/l
RT: 5.460 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

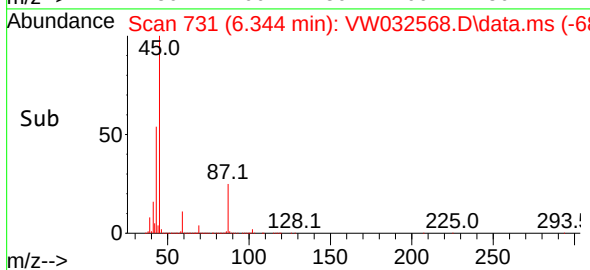
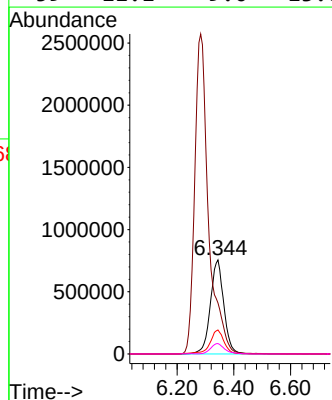
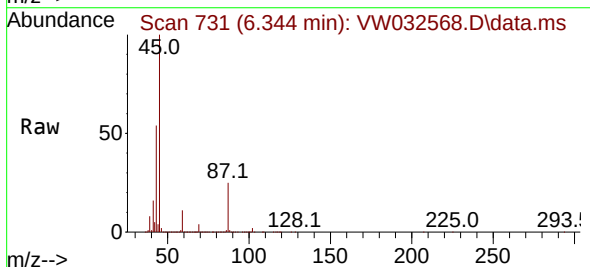
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

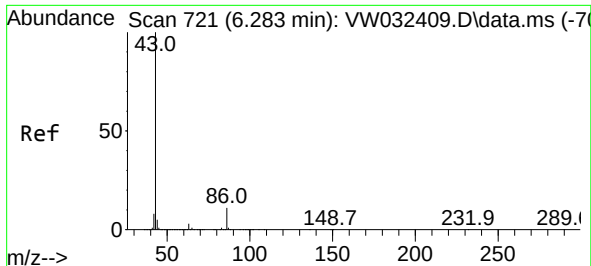
Tgt Ion: 96 Resp: 721177
Ion Ratio Lower Upper
96 100
61 142.0 111.0 166.4
98 62.2 48.4 72.6



#22
Diisopropyl ether
Concen: 154.645 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 45 Resp: 2485007
Ion Ratio Lower Upper
45 100
43 54.1 44.5 66.7
87 25.5 19.7 29.5
59 11.1 9.0 13.6

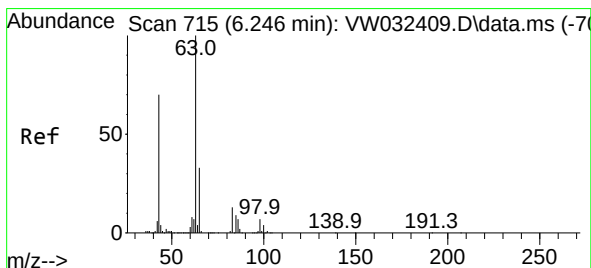
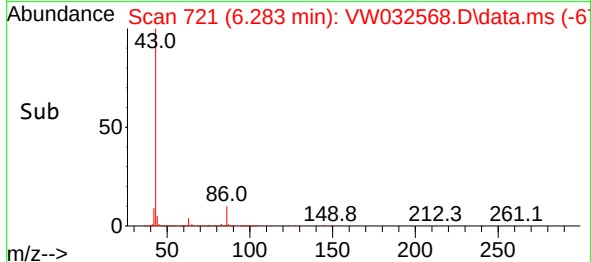
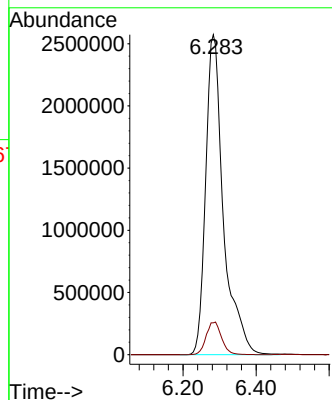
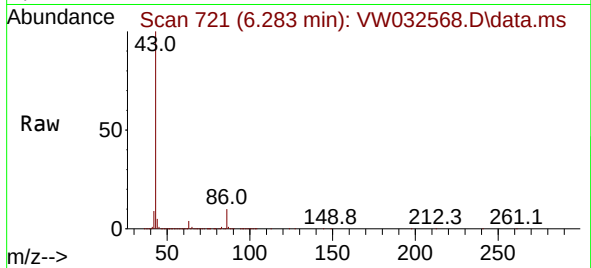




#23
 Vinyl Acetate
 Concen: 813.238 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

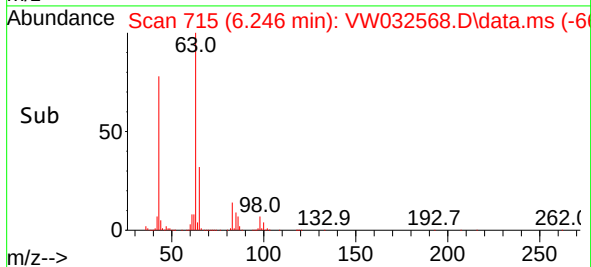
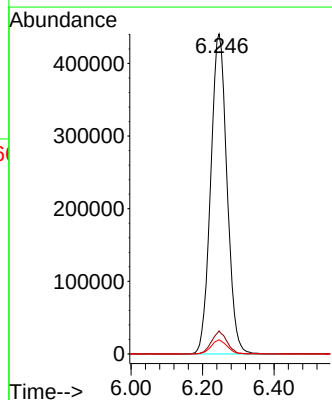
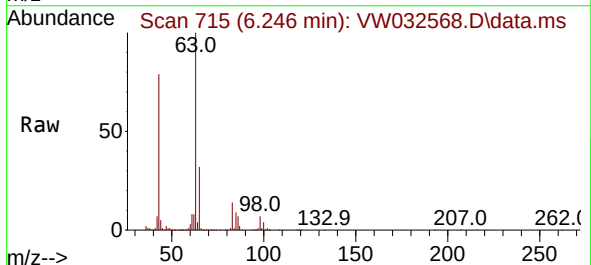
Instrument :
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 ClientSampleId :
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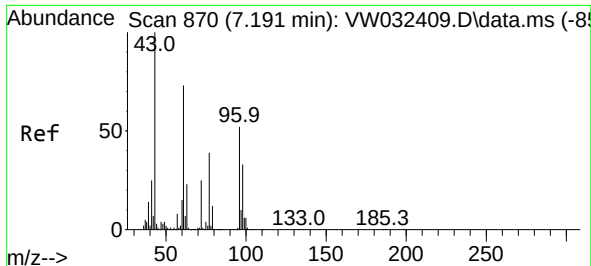
Tgt Ion: 43 Resp: 8659113
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 149.550 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion: 63 Resp: 1395226
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.4 2.3 6.8

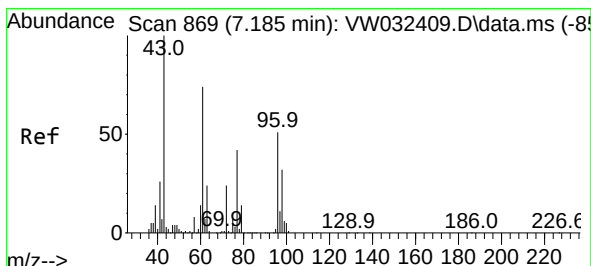
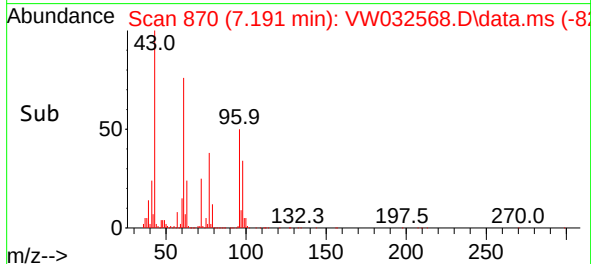
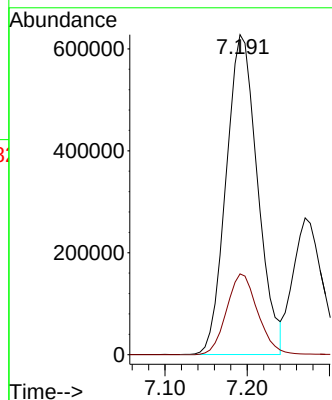
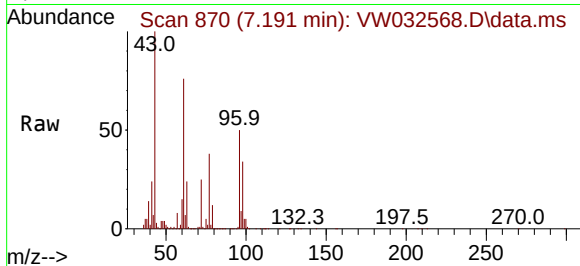




#25
2-Butanone
Concen: 811.659 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

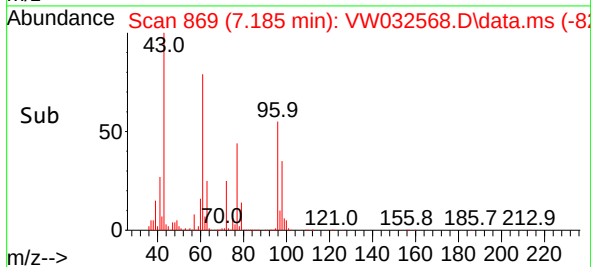
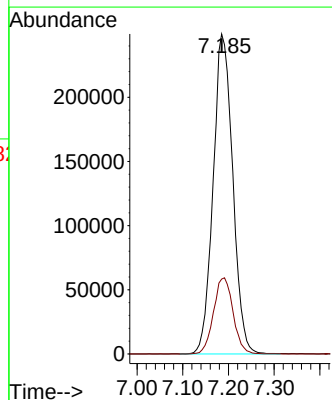
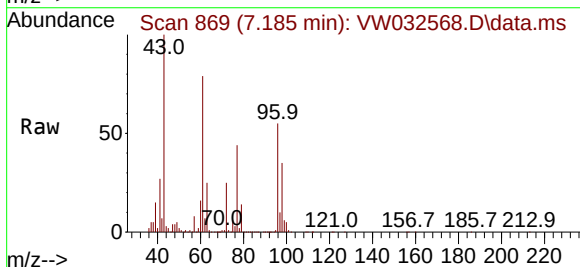
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

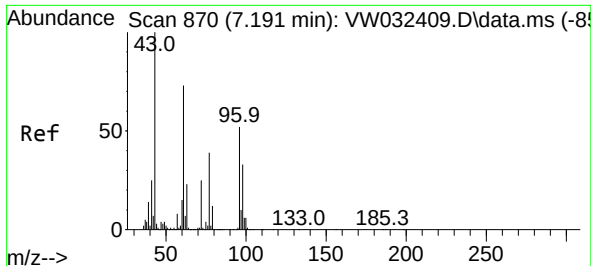
Tgt Ion: 43 Resp: 1670432
Ion Ratio Lower Upper
43 100
72 25.3 19.7 29.5



#26
2,2-Dichloropropane
Concen: 137.348 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 77 Resp: 742823
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7



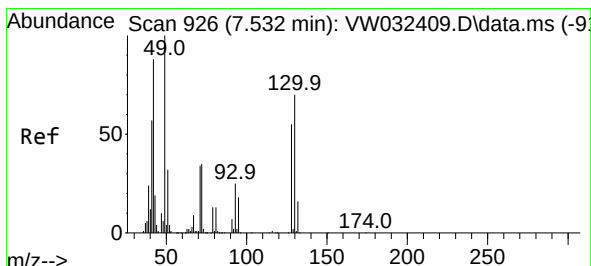
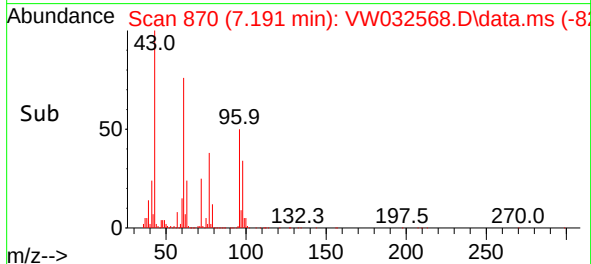
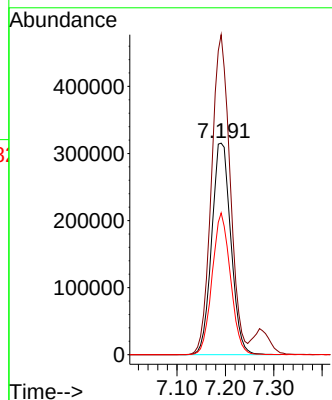
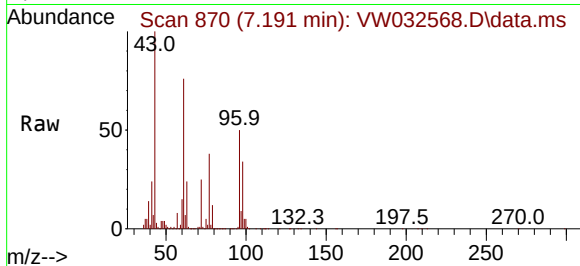


#27
 cis-1,2-Dichloroethene
 Concen: 155.080 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 867694

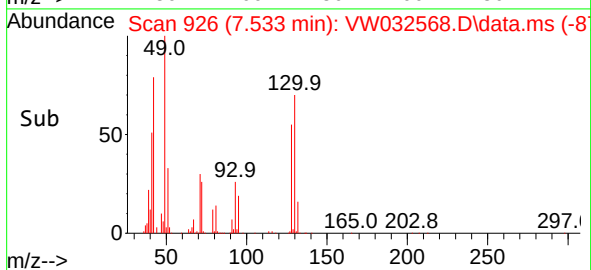
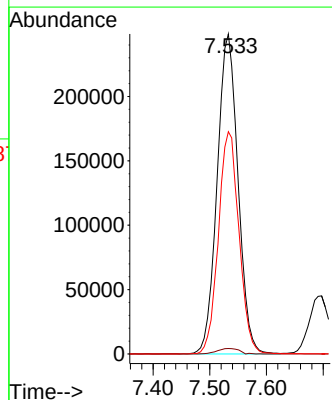
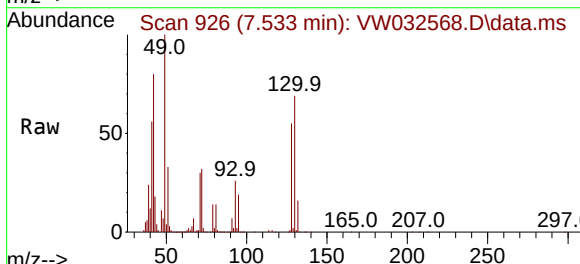
Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	298.6
98	64.1	0.0	129.2

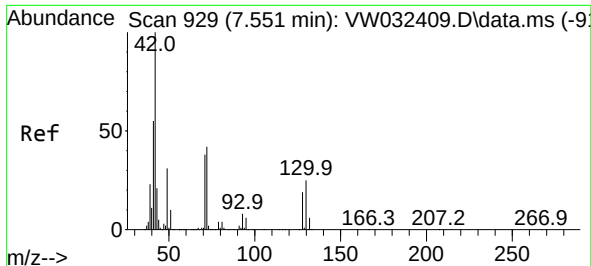


#28
 Bromochloromethane
 Concen: 151.575 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion: 49 Resp: 635234

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	68.6	54.1	81.1

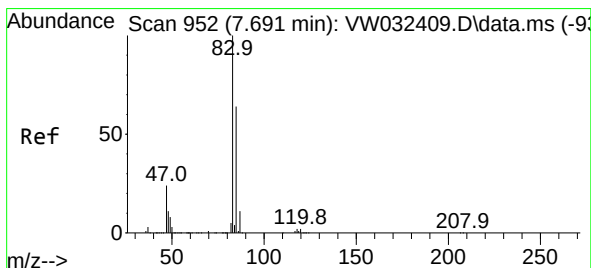
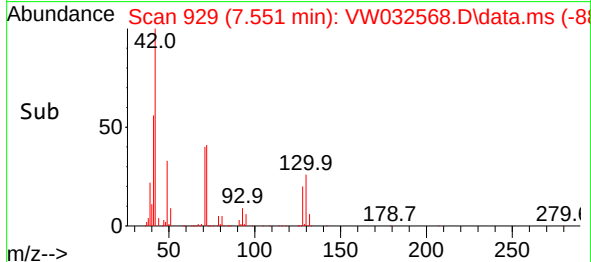
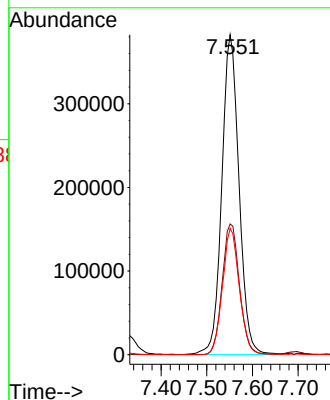
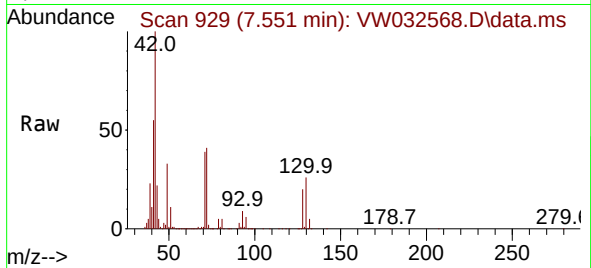




#29
Tetrahydrofuran
Concen: 813.819 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

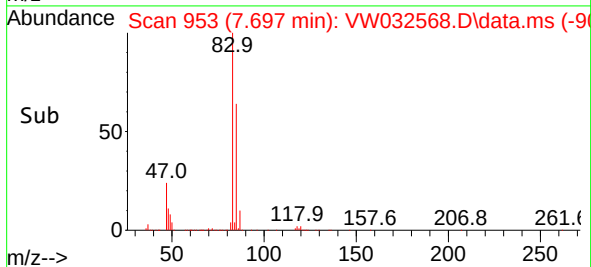
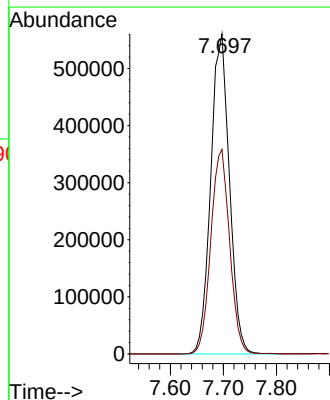
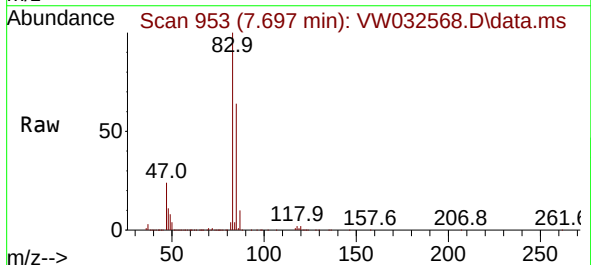
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

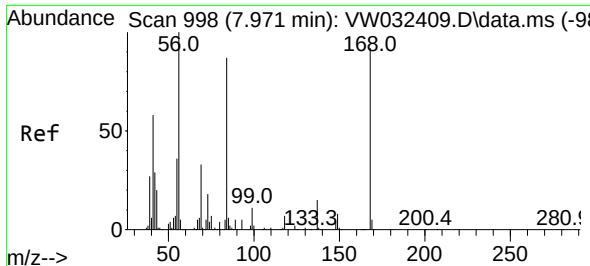
Tgt Ion: 42 Resp: 1000047
Ion Ratio Lower Upper
42 100
72 41.0 32.4 48.6
71 38.7 31.1 46.7



#30
Chloroform
Concen: 148.182 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 83 Resp: 1372018
Ion Ratio Lower Upper
83 100
85 63.9 53.1 79.7

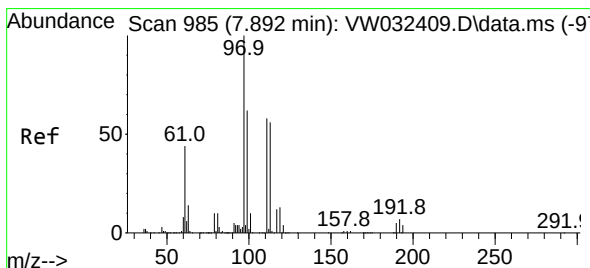
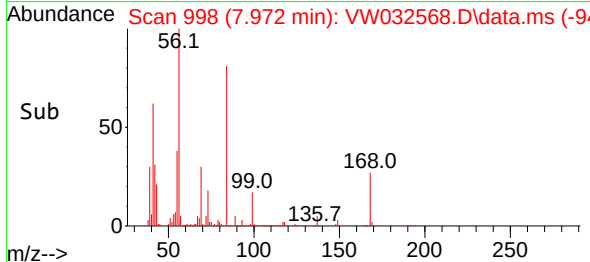
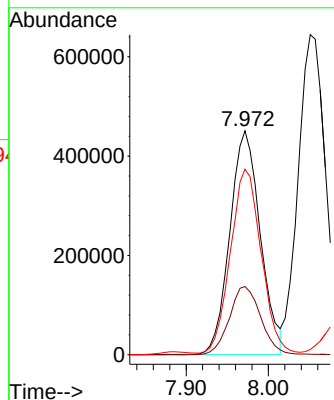
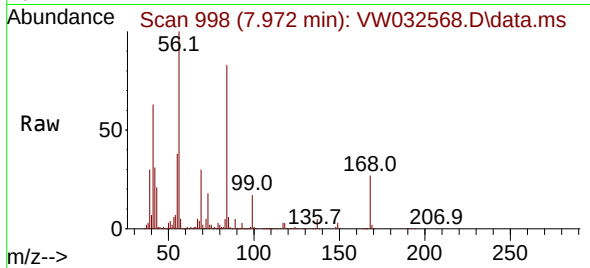




#31
Cyclohexane
Concen: 141.125 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

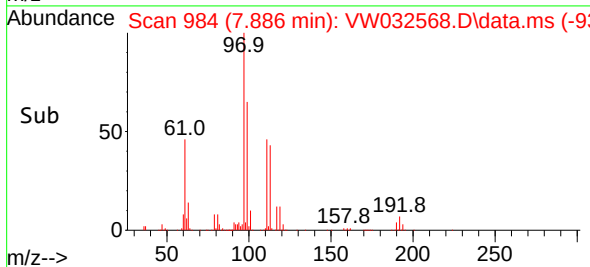
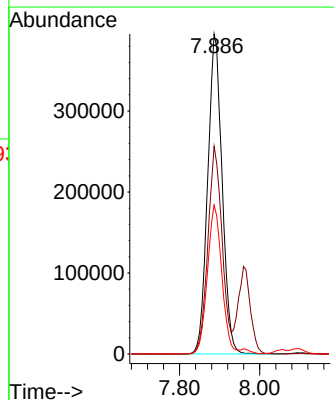
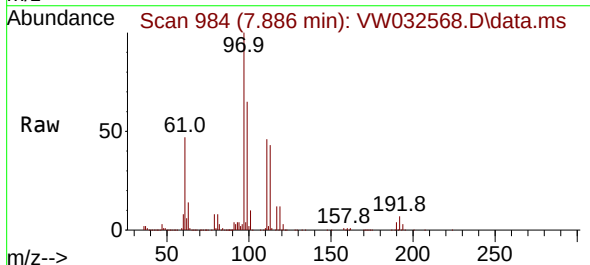
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

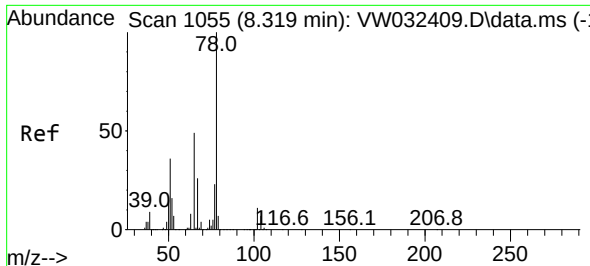
Tgt Ion: 56 Resp: 1160978
Ion Ratio Lower Upper
56 100
69 30.4 27.3 40.9
84 81.7 67.5 101.3



#32
1,1,1-Trichloroethane
Concen: 146.623 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 97 Resp: 985298
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 46.5 37.8 56.8

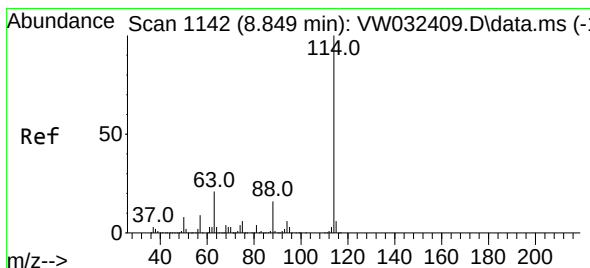
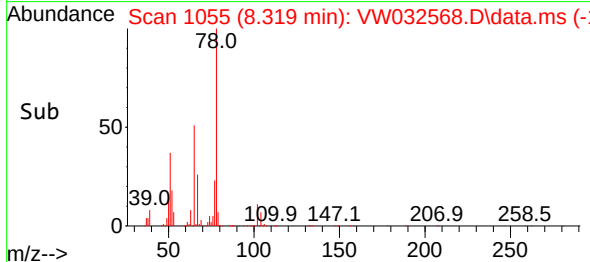
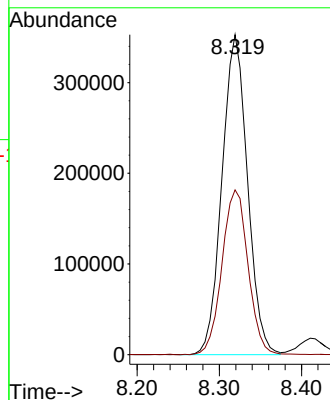
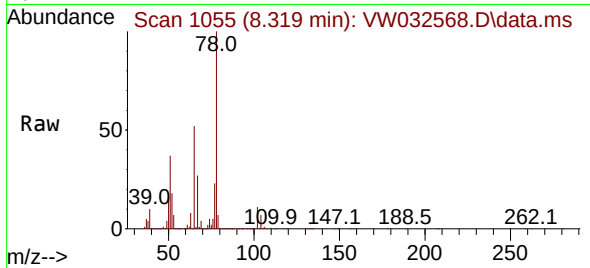




#33
 1,2-Dichloroethane-d4
 Concen: 148.257 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

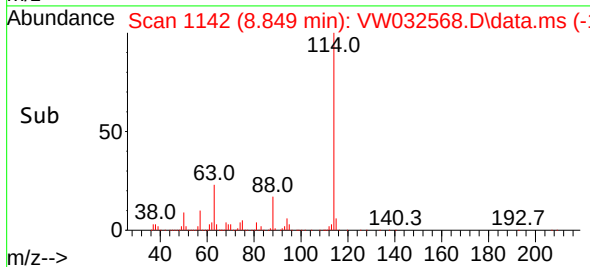
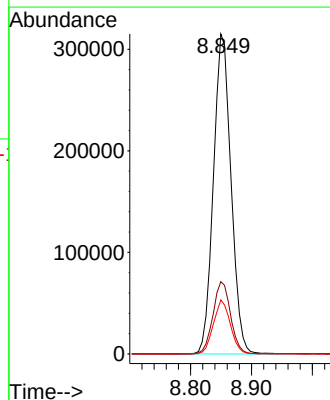
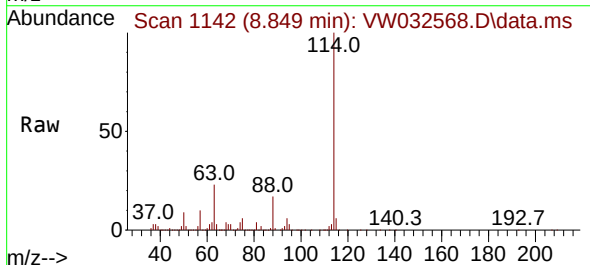
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

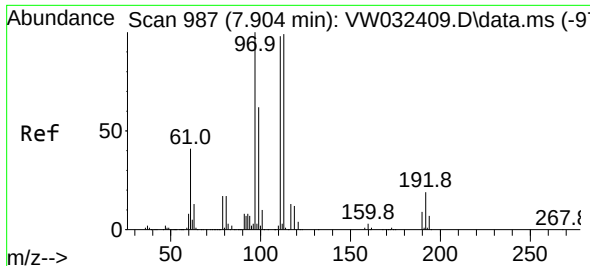
Tgt Ion: 65 Resp: 760845
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion: 114 Resp: 632962
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 40.6
 88 16.9 0.0 31.2

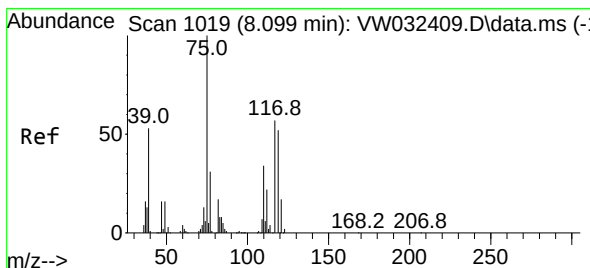
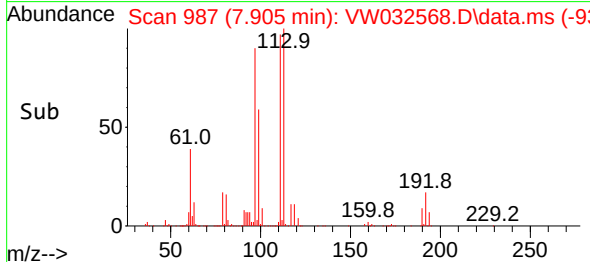
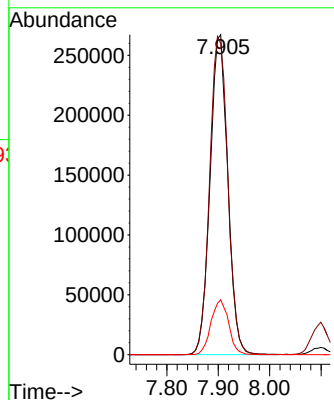
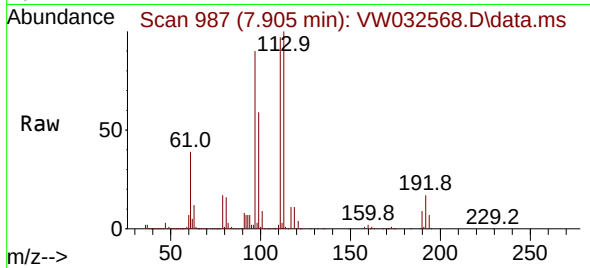




#35
 Dibromofluoromethane
 Concen: 153.335 ug/l
 RT: 7.905 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

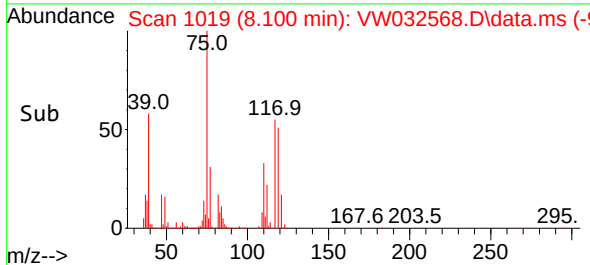
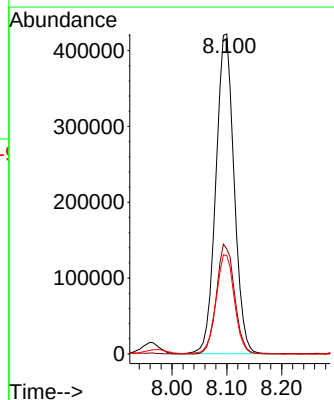
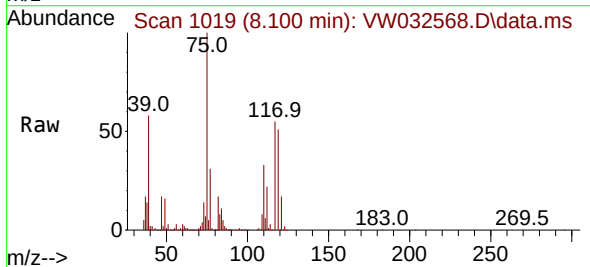
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

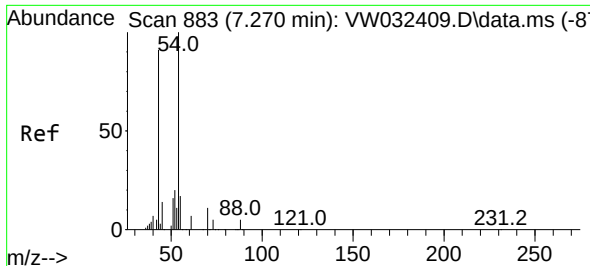
Tgt Ion:113 Resp: 638689
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.0
 192 17.1 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 153.595 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion: 75 Resp: 975846
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 31.4 24.6 37.0

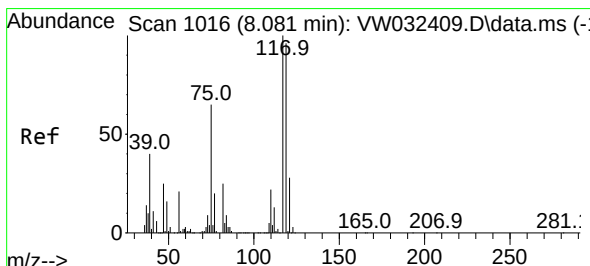
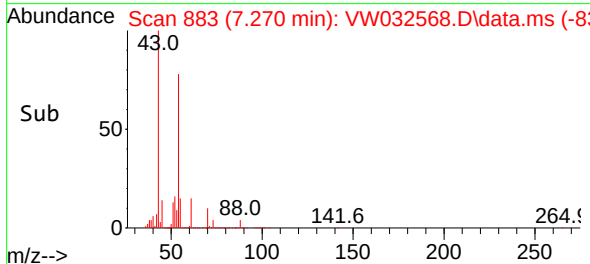
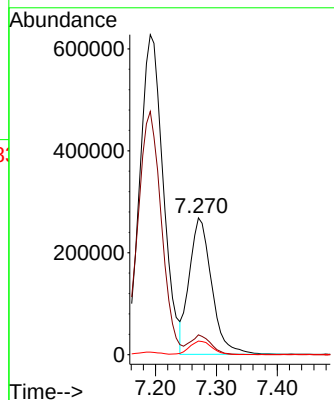
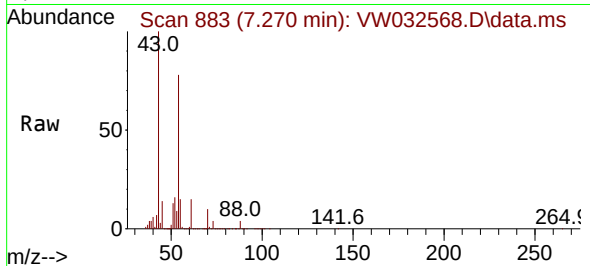




#37
Ethyl Acetate
Concen: 155.028 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

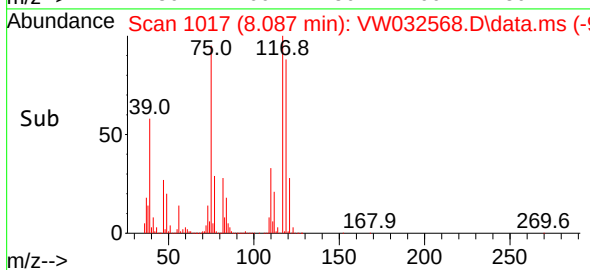
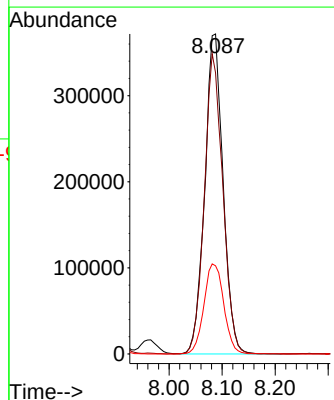
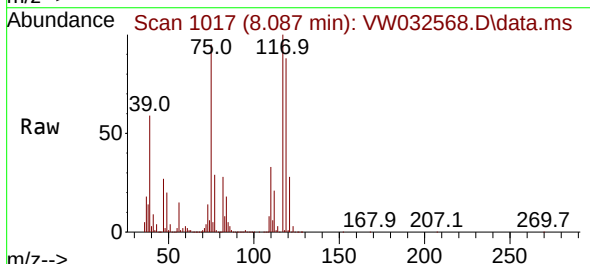
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

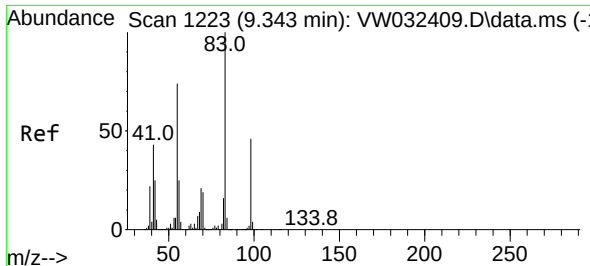
Tgt Ion: 43 Resp: 681623
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 151.197 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 117 Resp: 892447
Ion Ratio Lower Upper
117 100
119 87.9 76.9 115.3
121 27.5 25.4 38.2

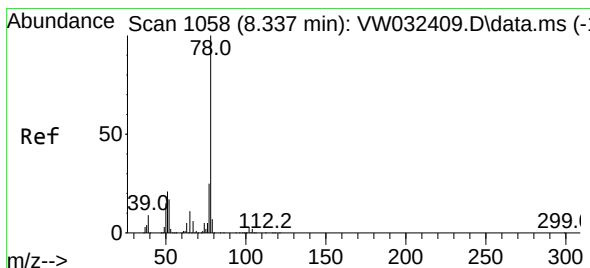
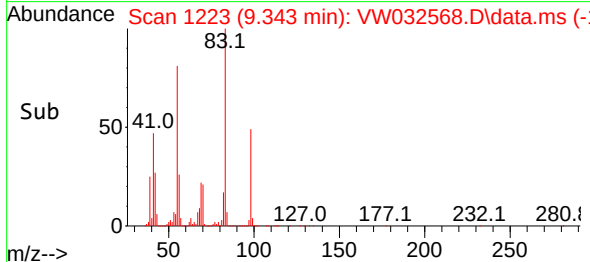
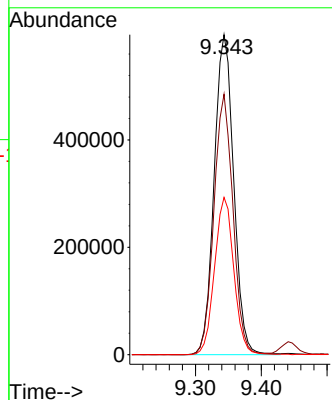
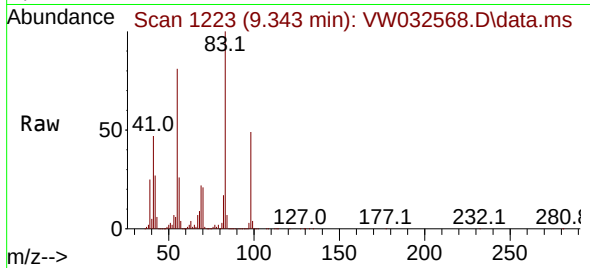




#39
Methylcyclohexane
Concen: 158.653 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

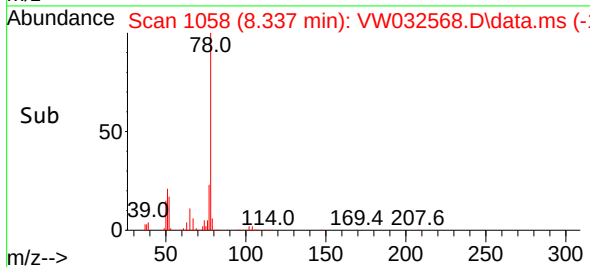
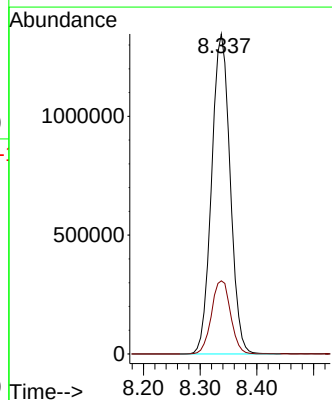
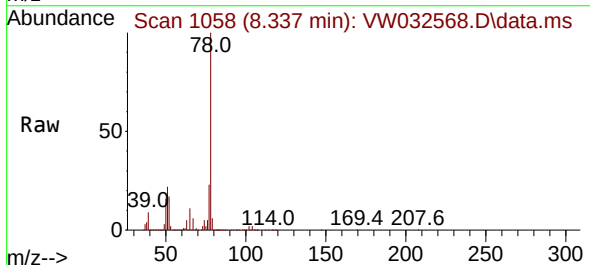
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

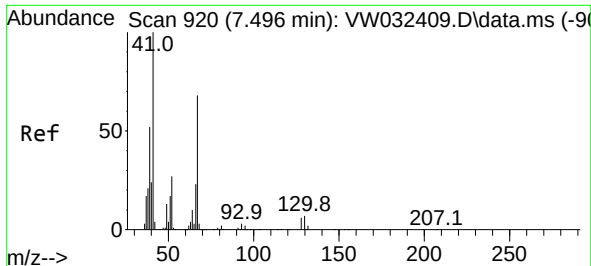
Tgt Ion: 83 Resp: 1230826
Ion Ratio Lower Upper
83 100
55 81.4 64.9 97.3
98 49.1 36.2 54.4



#40
Benzene
Concen: 150.785 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 78 Resp: 3052873
Ion Ratio Lower Upper
78 100
77 22.9 20.0 30.0

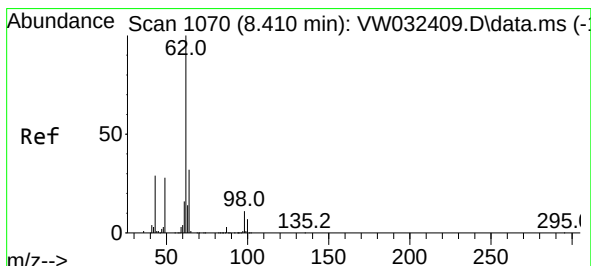
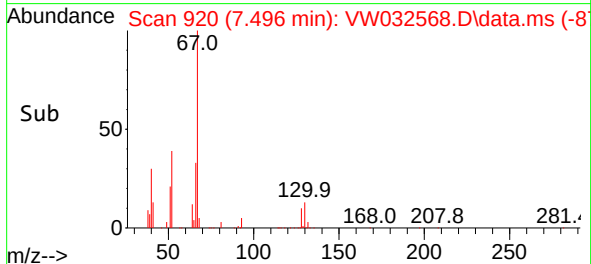
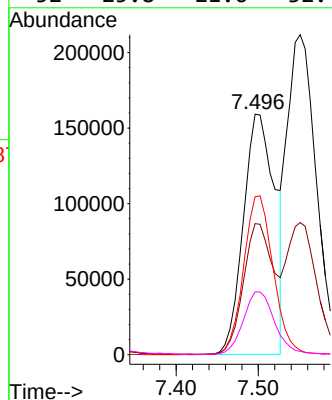
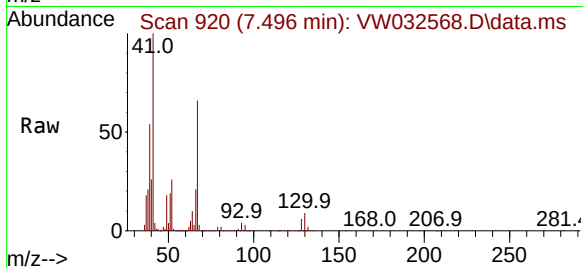




#41
Methacrylonitrile
Concen: 178.472 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

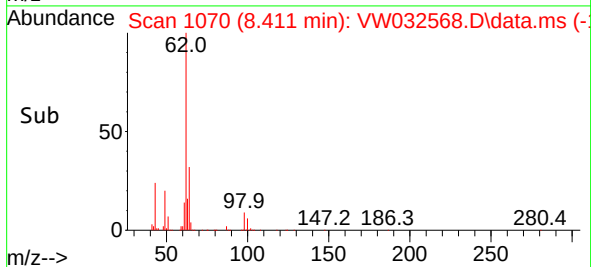
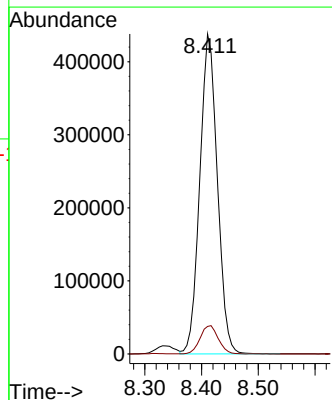
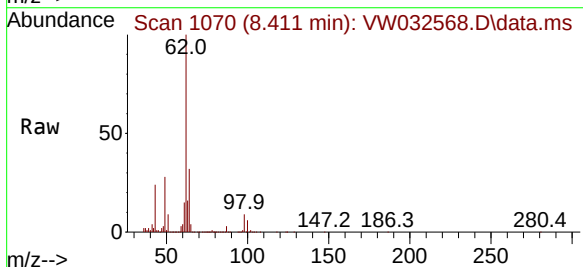
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

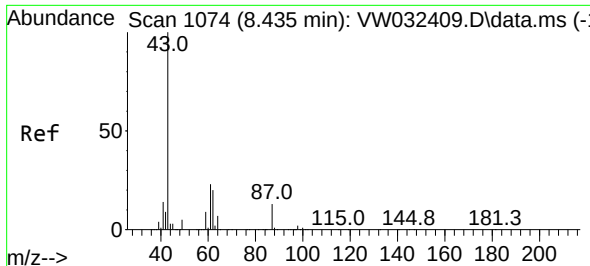
Tgt Ion:	41	Resp:	424590
Ion	Ratio	Lower	Upper
41	100		
39	52.8	38.5	57.7
67	62.4	49.8	74.6
52	25.8	21.6	32.4



#42
1,2-Dichloroethane
Concen: 151.647 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:	62	Resp:	941373
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.0

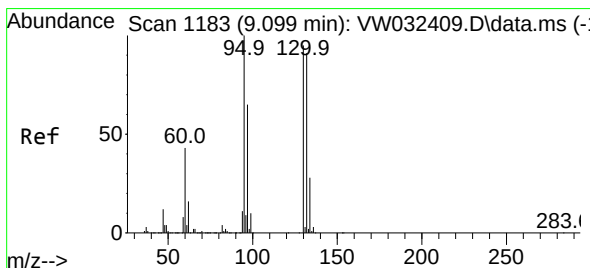
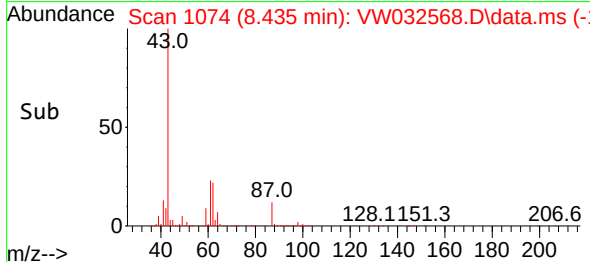
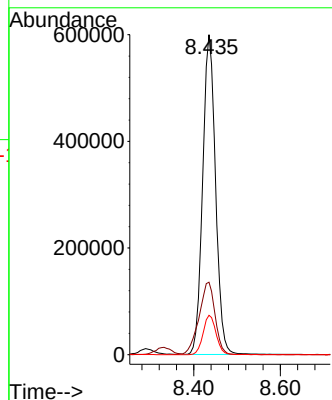
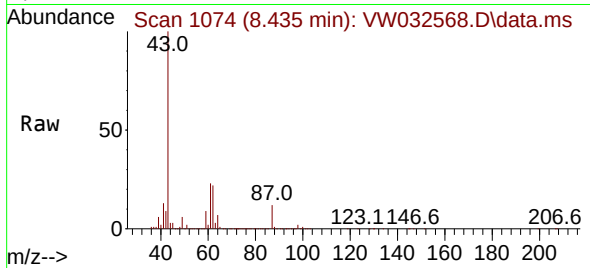




#43
Isopropyl Acetate
Concen: 163.523 ug/l
RT: 8.435 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

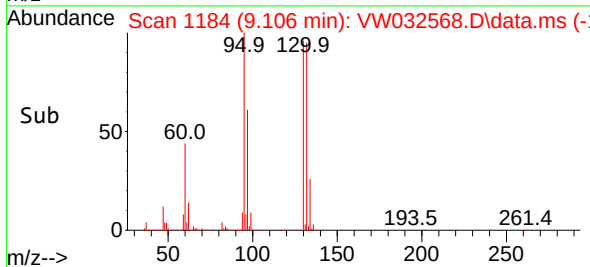
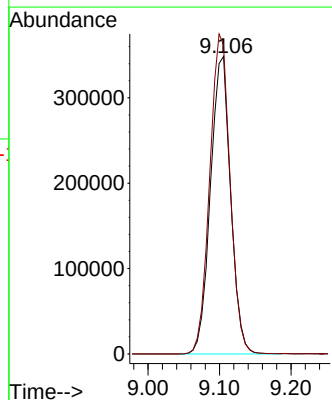
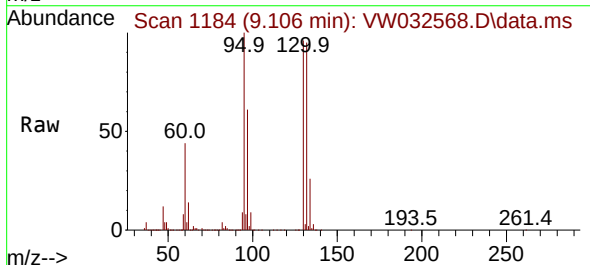
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

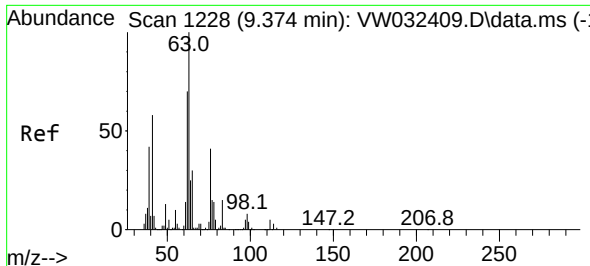
Tgt Ion: 43 Resp: 1235816
Ion Ratio Lower Upper
43 100
61 28.2 22.3 33.5
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 150.982 ug/l
RT: 9.106 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:130 Resp: 683213
Ion Ratio Lower Upper
130 100
95 103.8 0.0 190.4

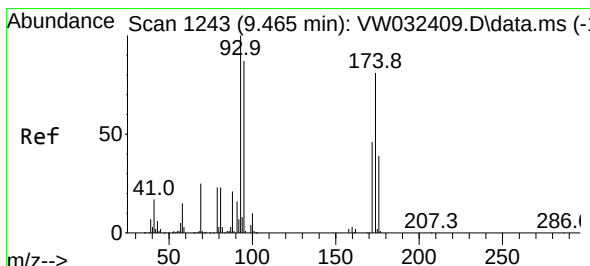
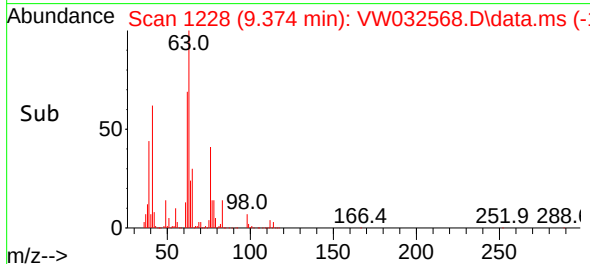
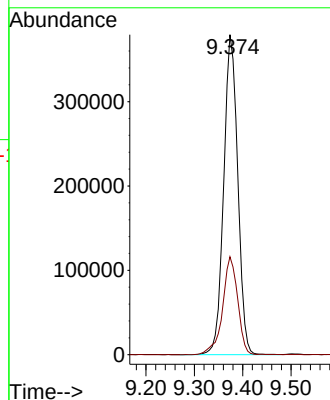
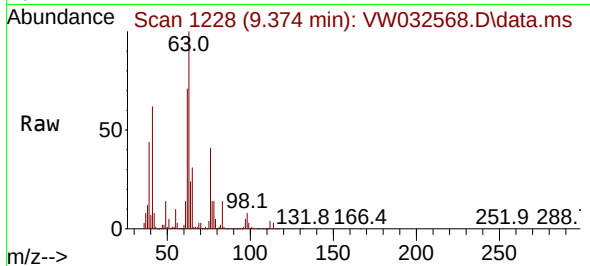




#45
1,2-Dichloropropane
Concen: 152.411 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

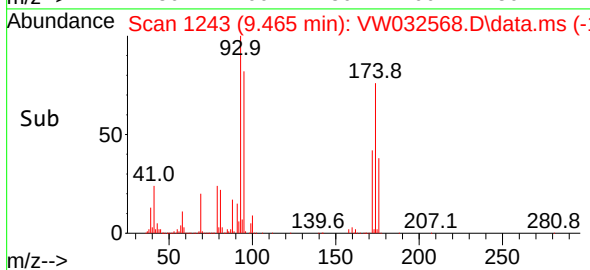
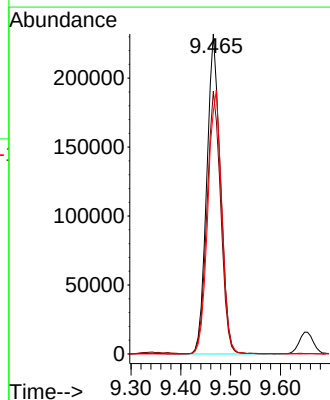
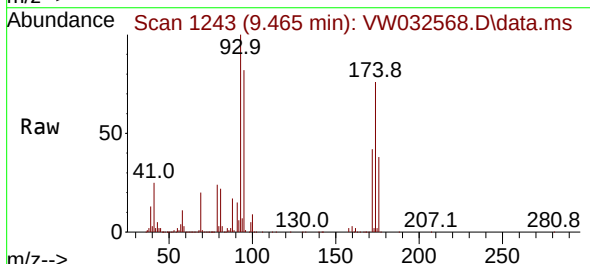
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

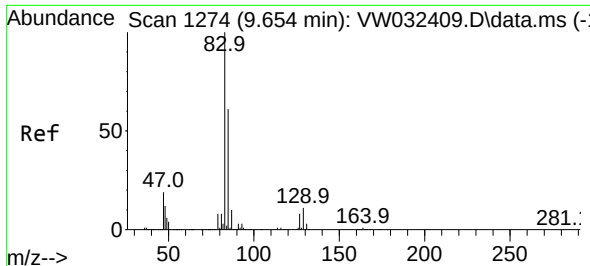
Tgt Ion: 63 Resp: 766457
Ion Ratio Lower Upper
63 100
65 30.6 26.5 39.7



#46
Dibromomethane
Concen: 152.131 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 93 Resp: 442404
Ion Ratio Lower Upper
93 100
95 82.8 66.4 99.6
174 84.1 65.3 97.9

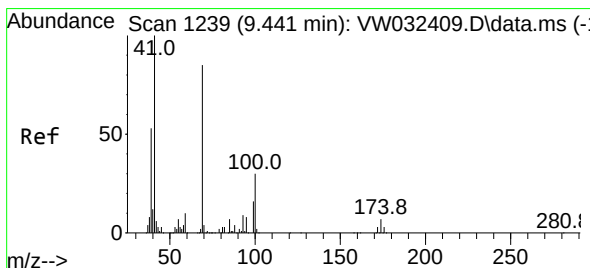
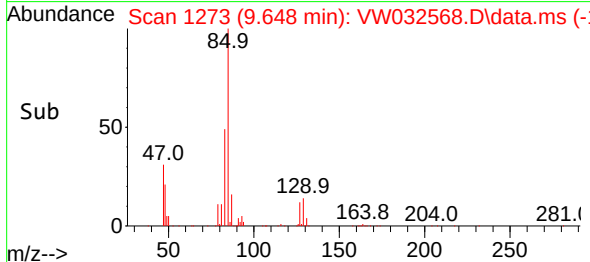
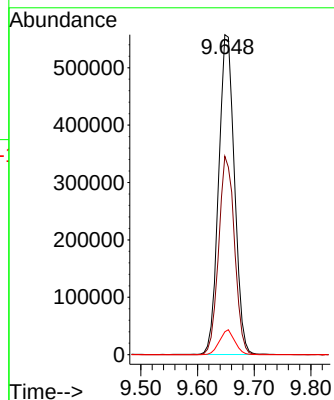
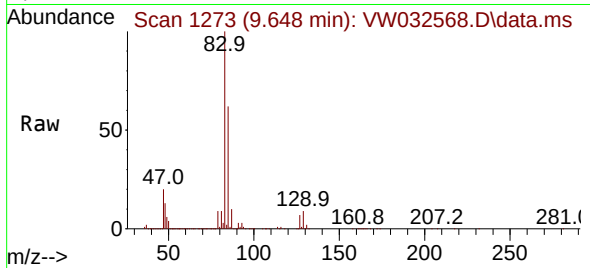




#47
Bromodichloromethane
Concen: 158.352 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

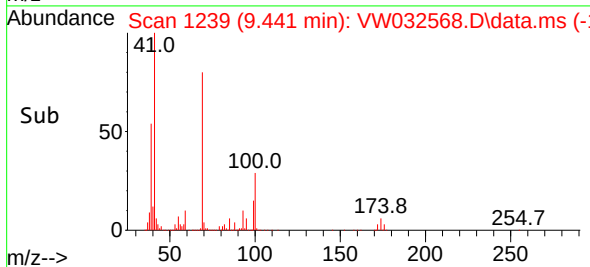
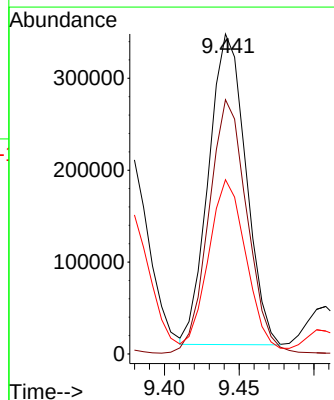
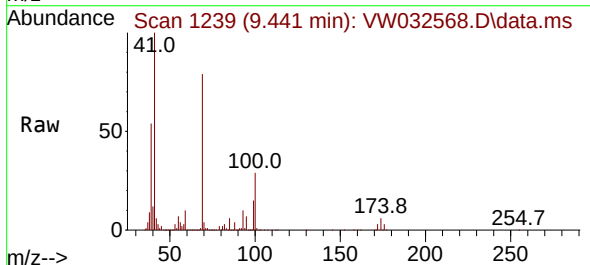
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

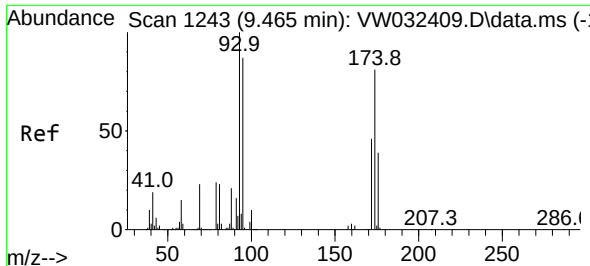
Tgt Ion: 83 Resp: 1079333
Ion Ratio Lower Upper
83 100
85 62.1 50.8 76.2
127 7.1 7.0 10.6



#48
Methyl methacrylate
Concen: 170.511 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 41 Resp: 585778
Ion Ratio Lower Upper
41 100
69 84.5 62.1 93.1
39 53.5 39.1 58.7

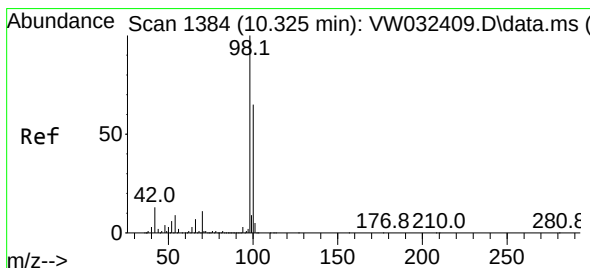
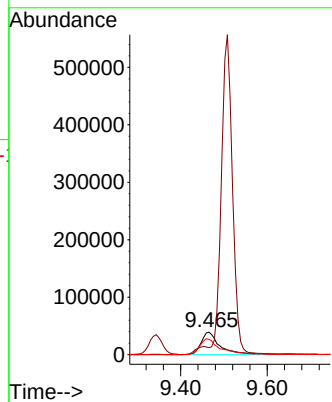
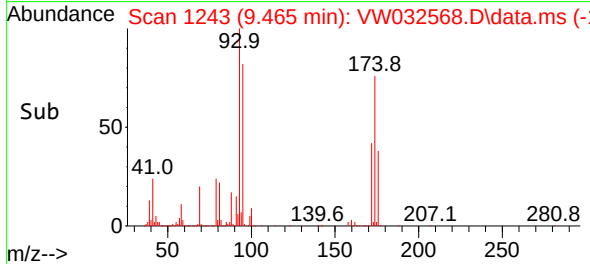
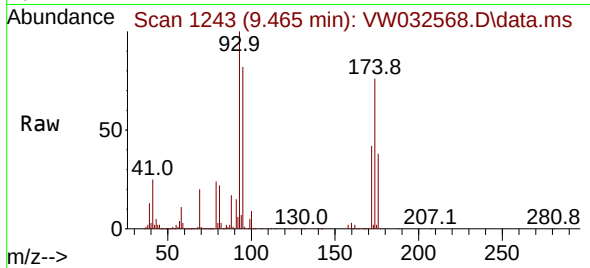




#49
1,4-Dioxane
Concen: 3464.888 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

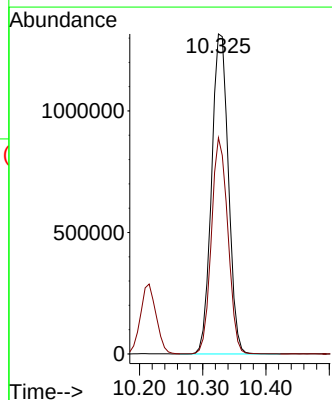
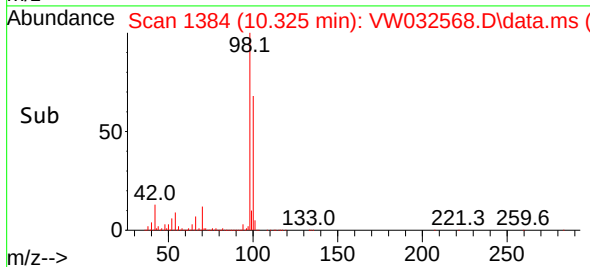
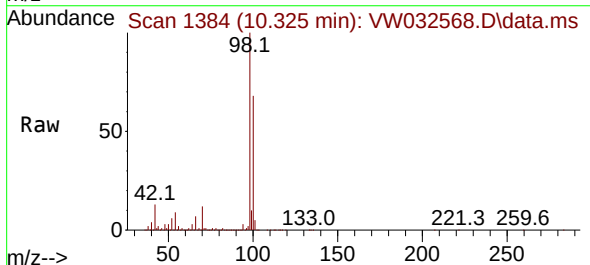
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

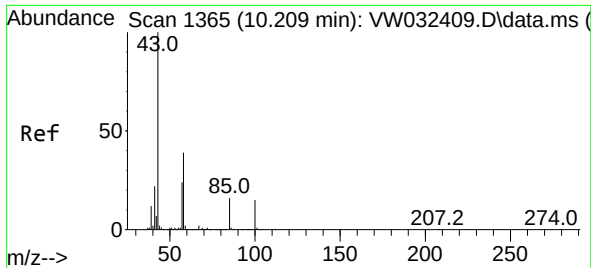
Tgt Ion: 88 Resp: 120400
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.7 65.2 97.8



#50
Toluene-d8
Concen: 154.712 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 98 Resp: 2424884
Ion Ratio Lower Upper
98 100
100 66.2 54.7 82.1

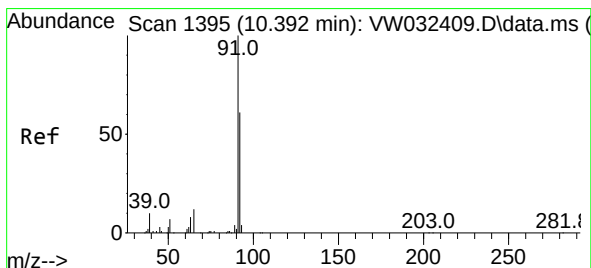
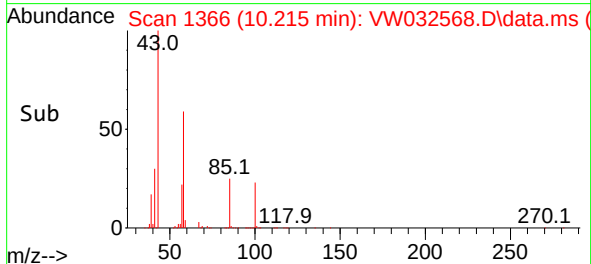
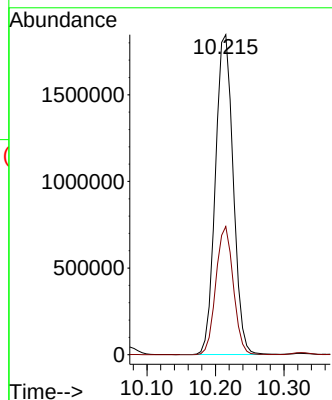
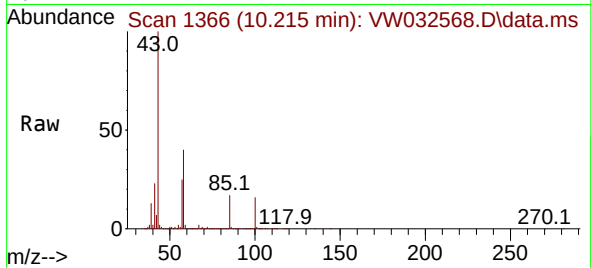




#51
4-Methyl-2-Pentanone
Concen: 796.619 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

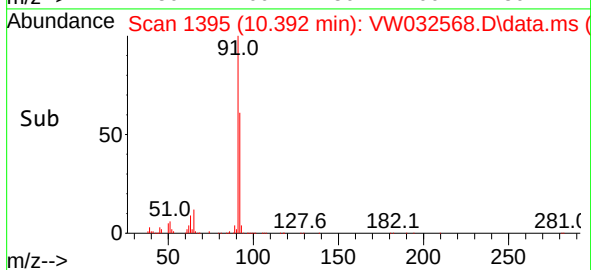
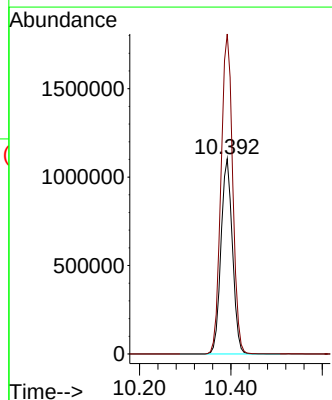
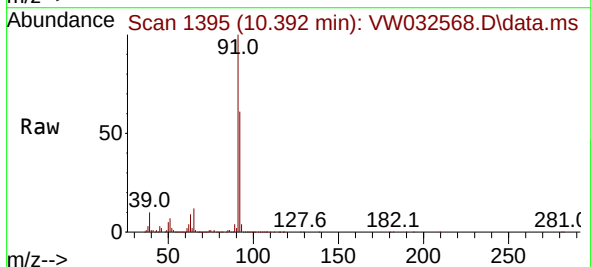
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

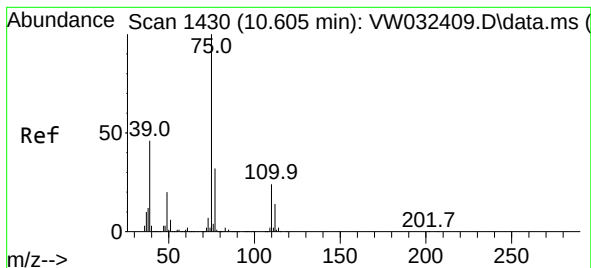
Tgt Ion: 43 Resp: 3331273
Ion Ratio Lower Upper
43 100
58 39.1 30.5 45.7



#52
Toluene
Concen: 156.851 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 92 Resp: 1913501
Ion Ratio Lower Upper
92 100
91 167.5 138.6 207.8

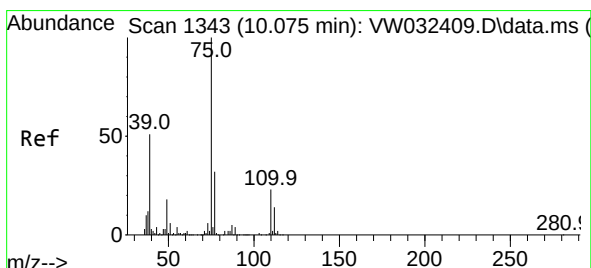
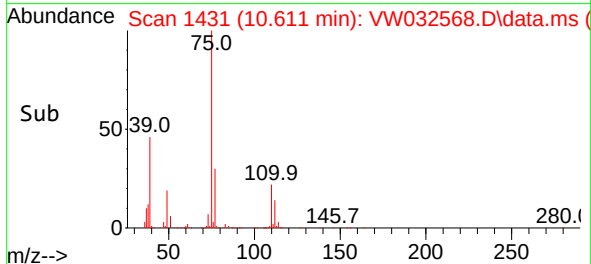
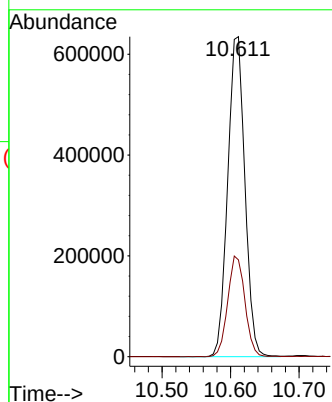
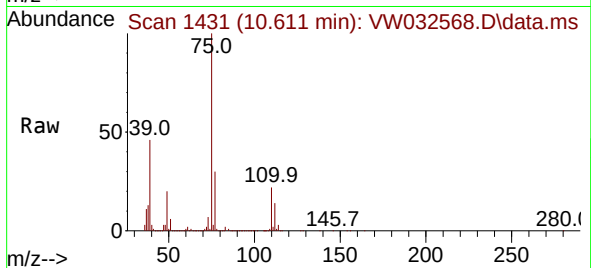




#53
 t-1,3-Dichloropropene
 Concen: 169.147 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

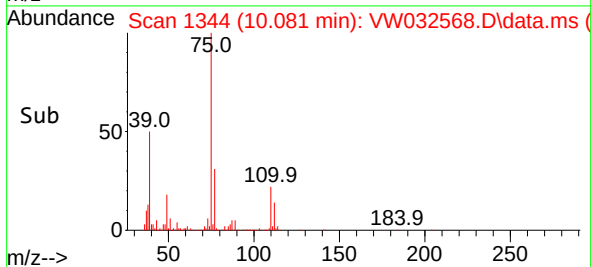
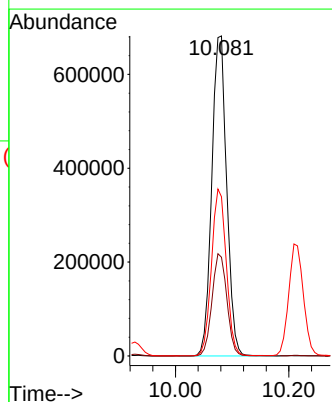
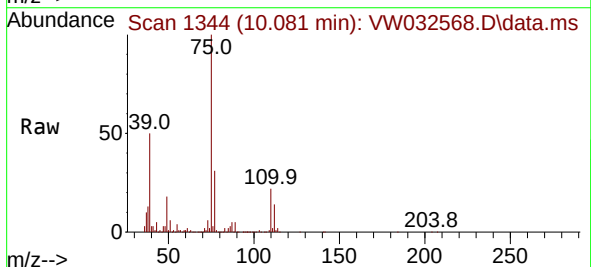
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

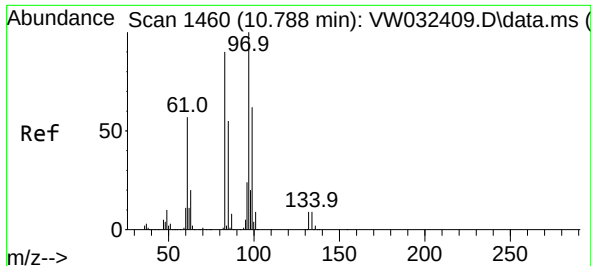
Tgt Ion: 75 Resp: 1106047
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 161.865 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion: 75 Resp: 1242091
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.5 39.7
 39 49.7 42.9 64.3

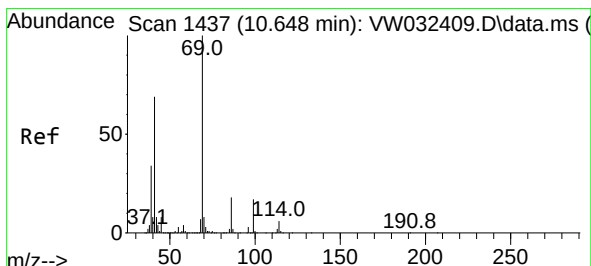
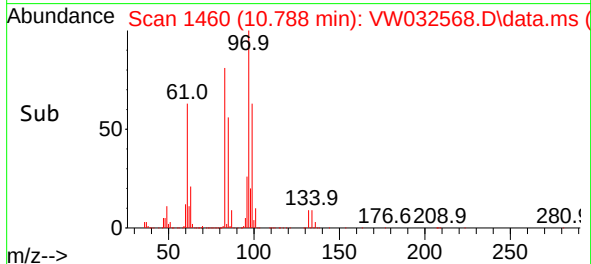
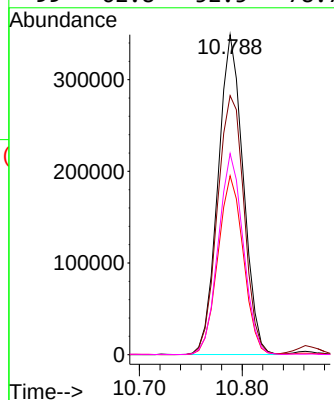
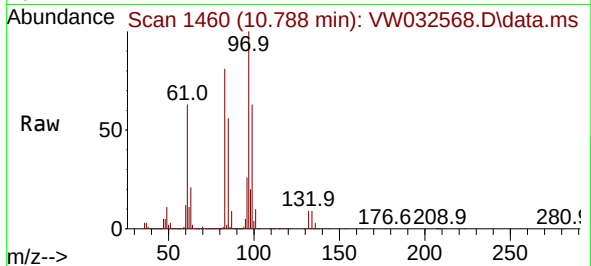




#55
1,1,2-Trichloroethane
Concen: 152.619 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

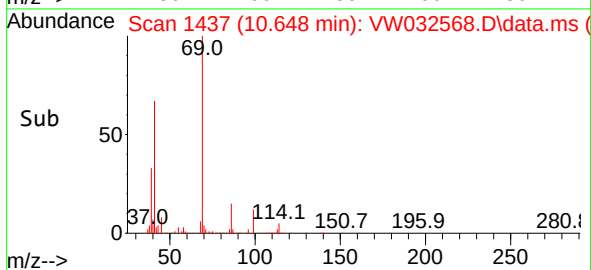
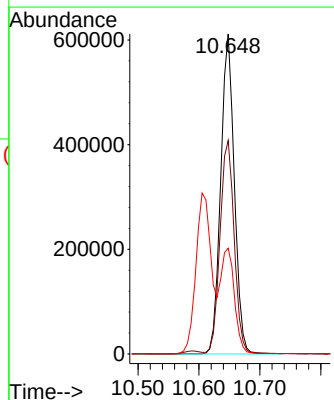
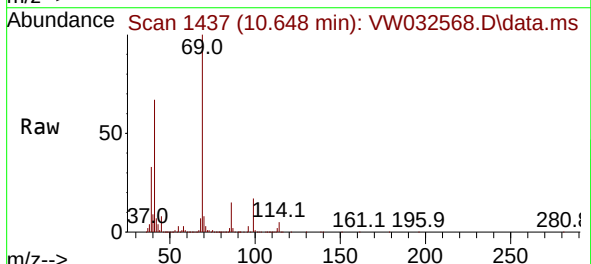
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

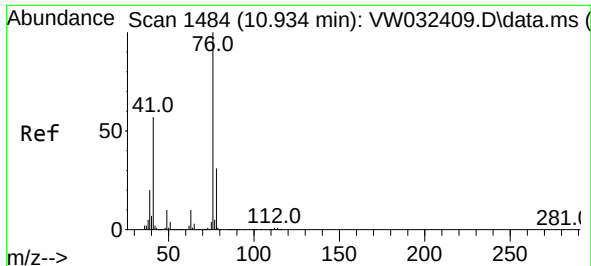
Tgt Ion:	97	Resp:	594451
Ion	Ratio	Lower	Upper
97	100		
83	80.9	76.3	114.5
85	55.9	46.1	69.1
99	62.8	52.5	78.7



#56
Ethyl methacrylate
Concen: 176.082 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:	69	Resp:	948462
Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.2	84.4
39	32.8	26.9	40.3





#57

1,3-Dichloropropane

Concen: 152.538 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

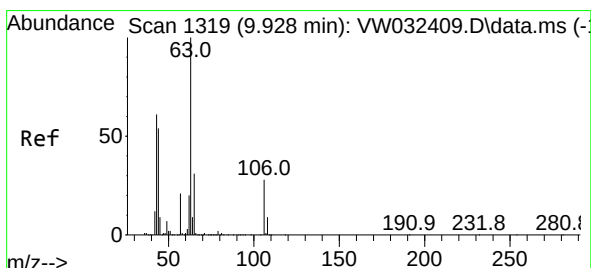
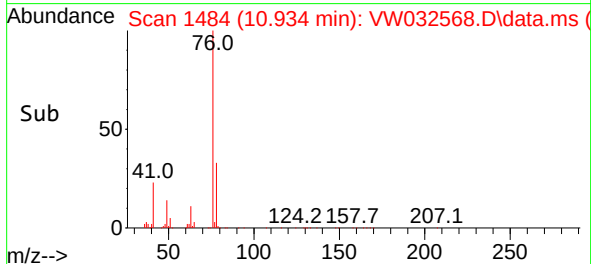
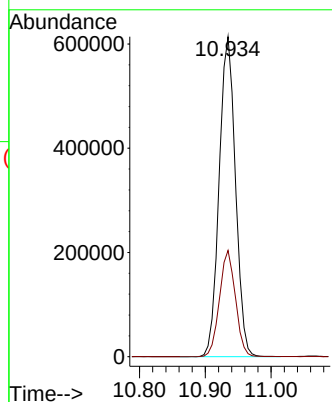
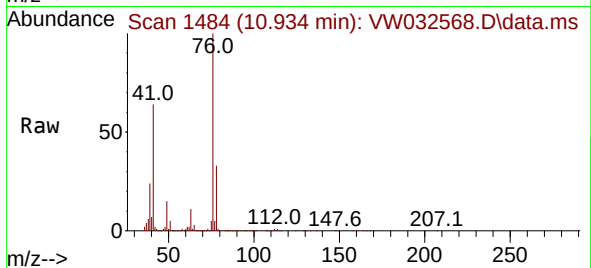
VSTDIC150

Tgt Ion: 76 Resp: 1060340

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 870.246 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032568.D

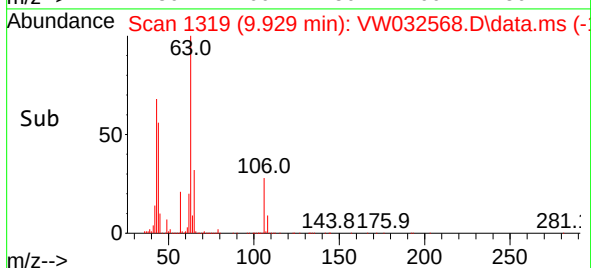
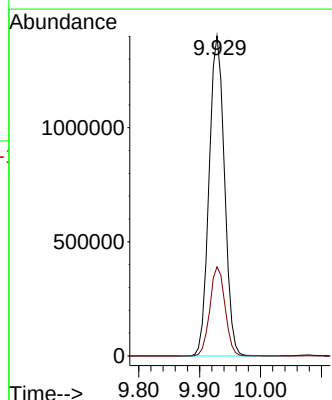
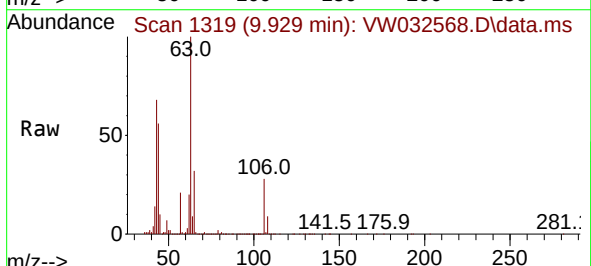
Acq: 03 Dec 2025 13:20

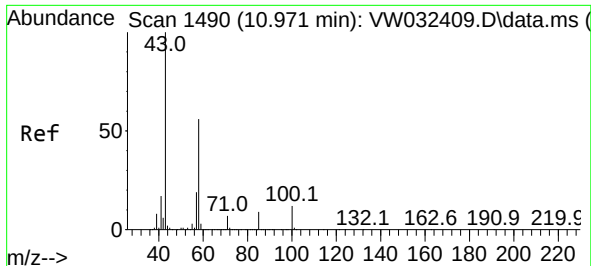
Tgt Ion: 63 Resp: 2456147

Ion Ratio Lower Upper

63 100

106 27.5 21.5 32.3

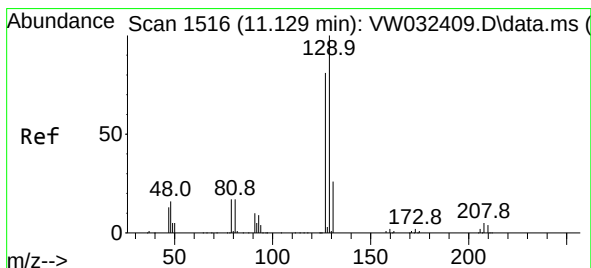
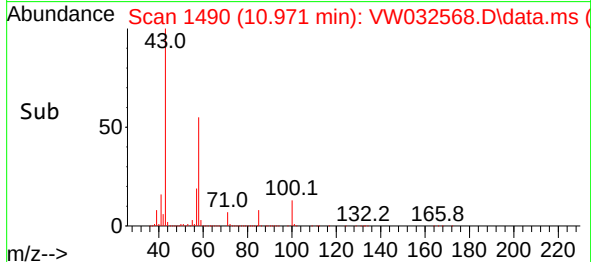
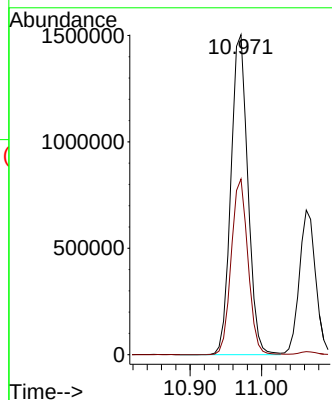
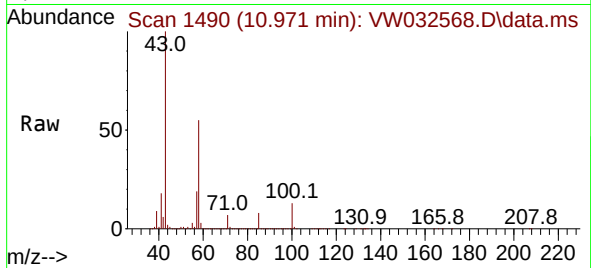




#59
2-Hexanone
Concen: 829.176 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

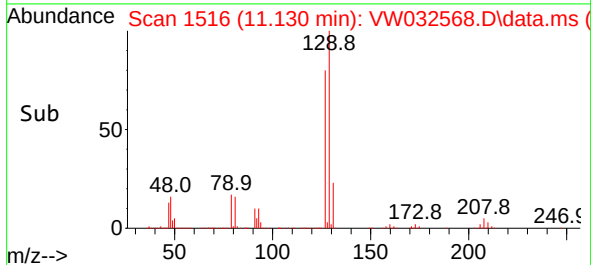
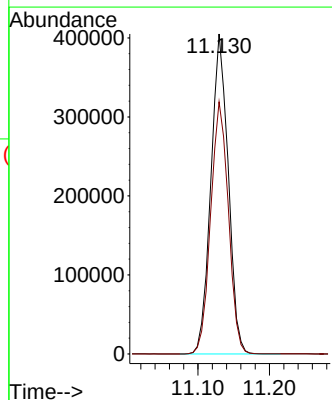
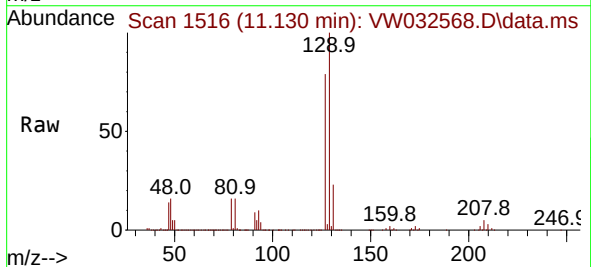
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

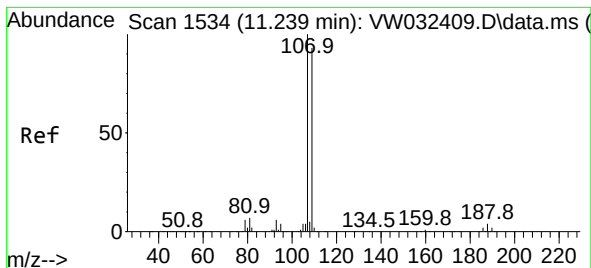
Tgt Ion: 43 Resp: 2469400
Ion Ratio Lower Upper
43 100
58 54.3 26.2 78.6



#60
Dibromochloromethane
Concen: 156.162 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 129 Resp: 681720
Ion Ratio Lower Upper
129 100
127 80.5 40.9 122.8

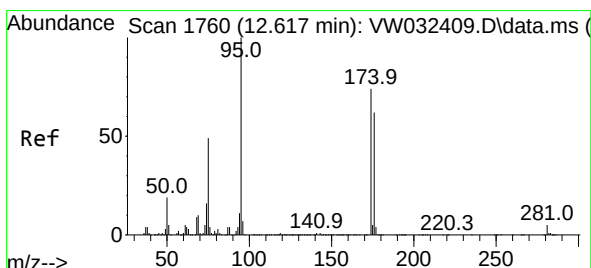
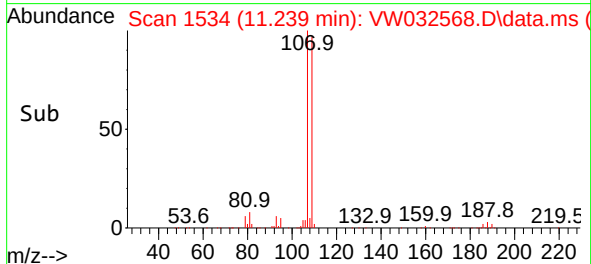
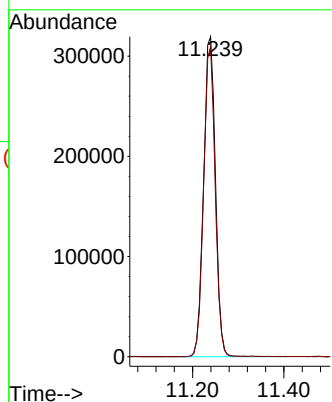
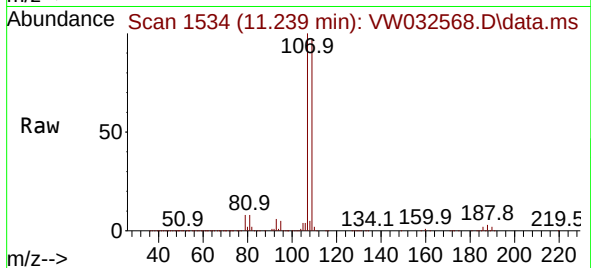




#61
1,2-Dibromoethane
Concen: 154.336 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

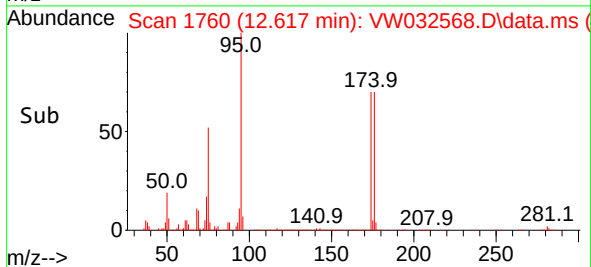
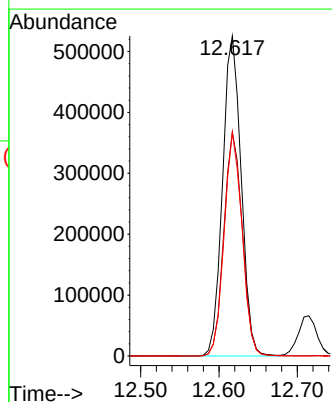
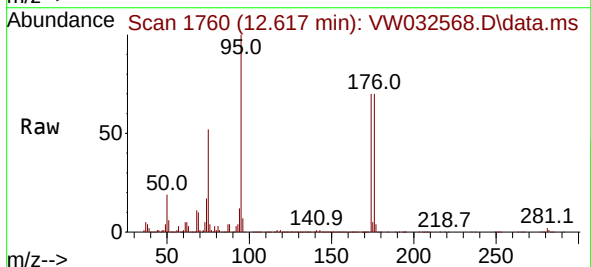
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

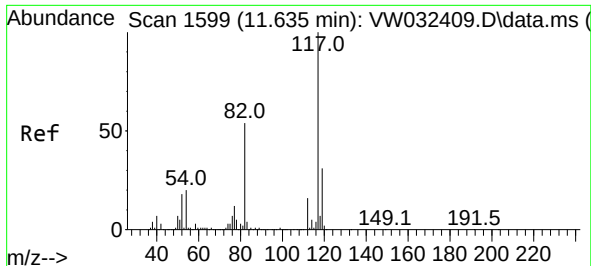
Tgt Ion:107 Resp: 571696
Ion Ratio Lower Upper
107 100
109 94.6 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 150.085 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 95 Resp: 869102
Ion Ratio Lower Upper
95 100
174 69.3 0.0 141.2
176 67.1 0.0 130.8

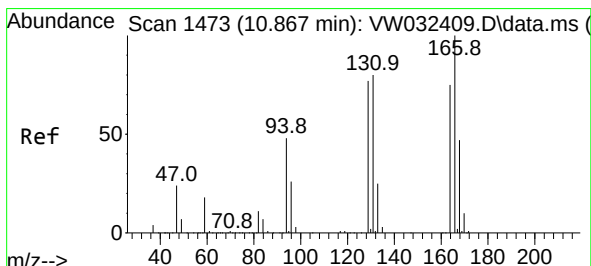
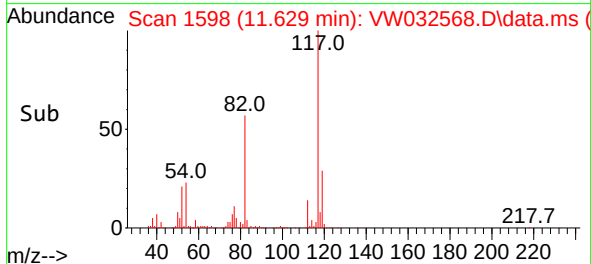
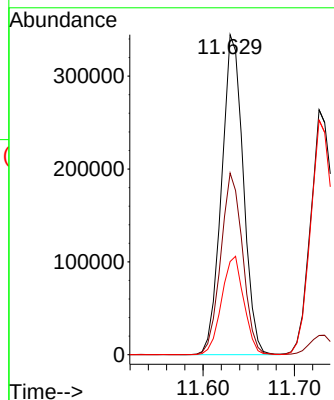
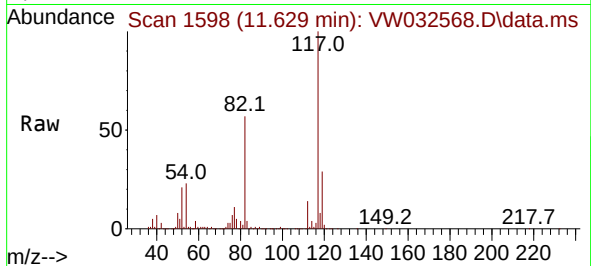




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

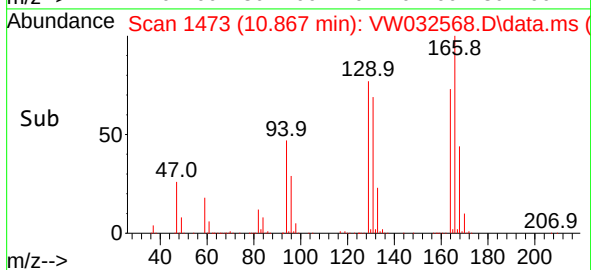
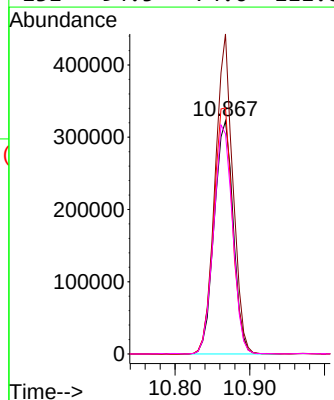
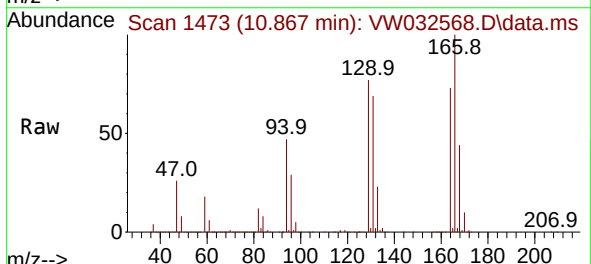
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

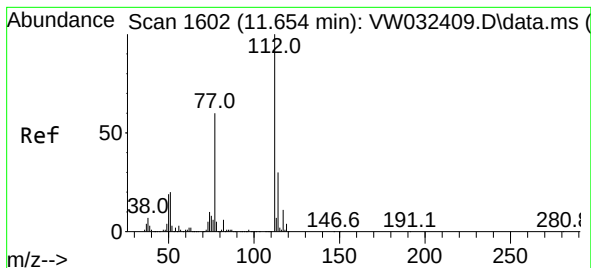
Tgt Ion:117 Resp: 569805
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 29.1 26.3 39.5



#64
Tetrachloroethene
Concen: 150.101 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:164 Resp: 570454
Ion Ratio Lower Upper
164 100
166 137.4 97.3 145.9
129 105.7 75.7 113.5
131 94.5 74.6 111.8





#65

Chlorobenzene

Concen: 151.987 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

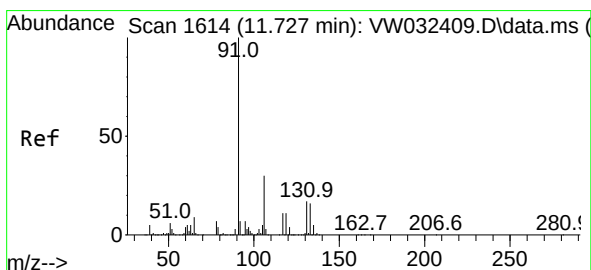
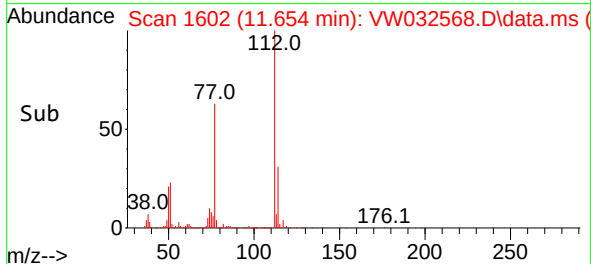
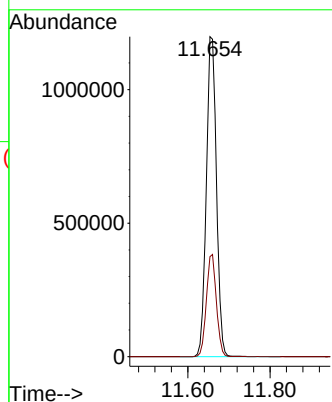
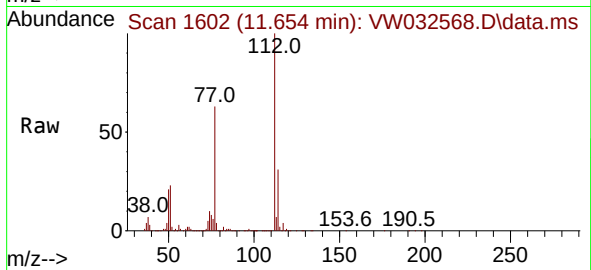
VSTDICC150

Tgt Ion:112 Resp: 2046322

Ion Ratio Lower Upper

112 100

114 31.3 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 152.732 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

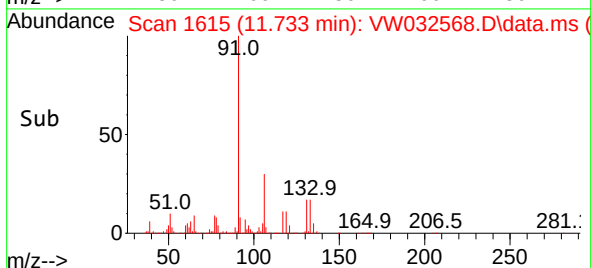
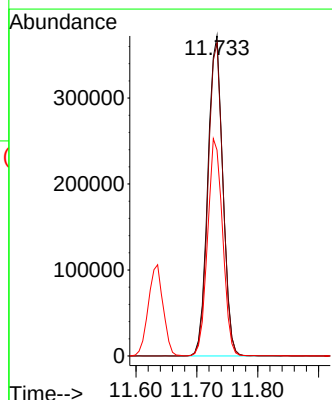
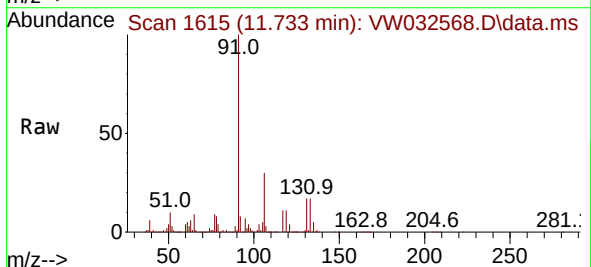
Tgt Ion:131 Resp: 636011

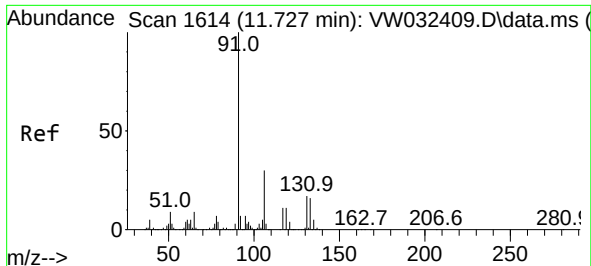
Ion Ratio Lower Upper

131 100

133 97.1 47.4 142.3

119 68.1 32.2 96.6

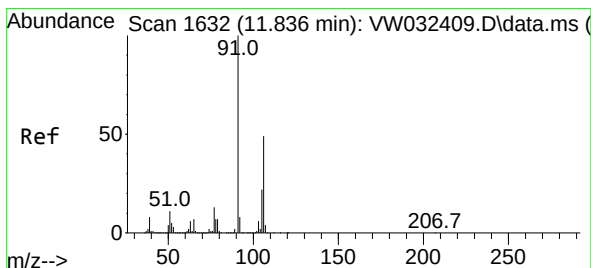
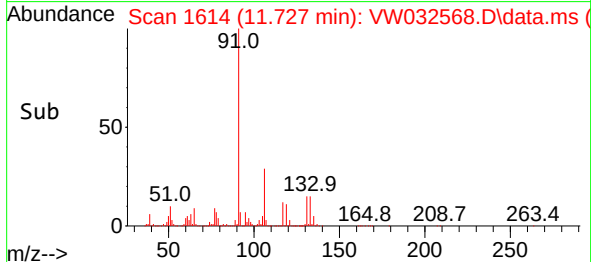
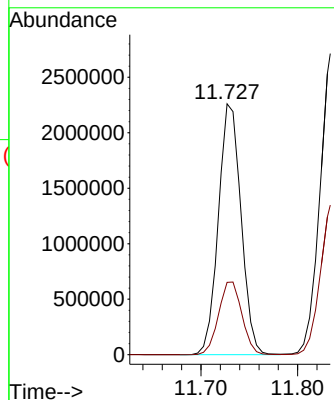
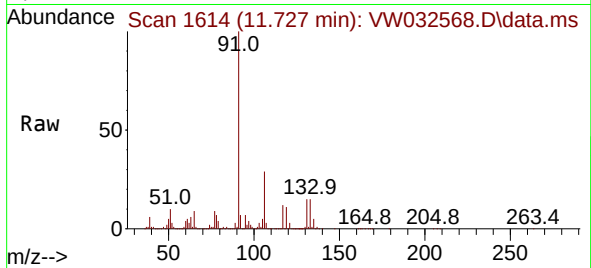




#67
Ethyl Benzene
Concen: 160.796 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

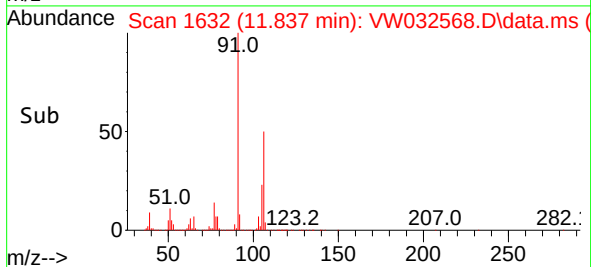
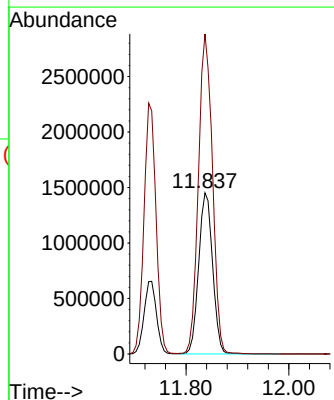
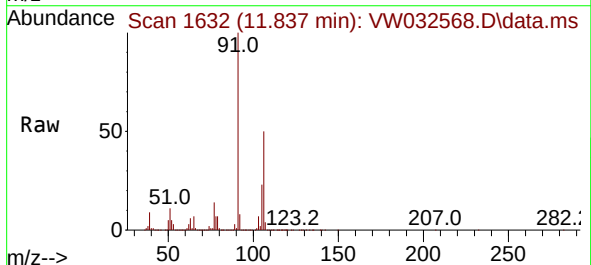
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

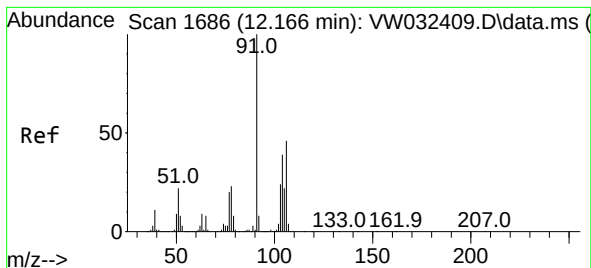
Tgt Ion: 91 Resp: 3674648
Ion Ratio Lower Upper
91 100
106 28.8 23.0 34.6



#68
m/p-Xylenes
Concen: 313.781 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:106 Resp: 2726282
Ion Ratio Lower Upper
106 100
91 200.7 163.3 244.9

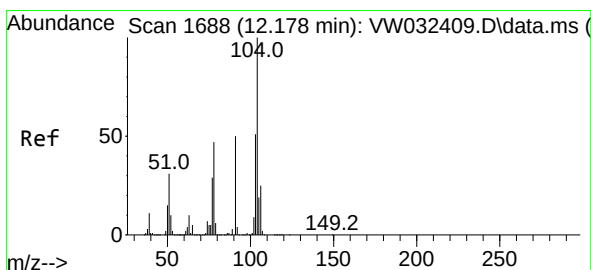
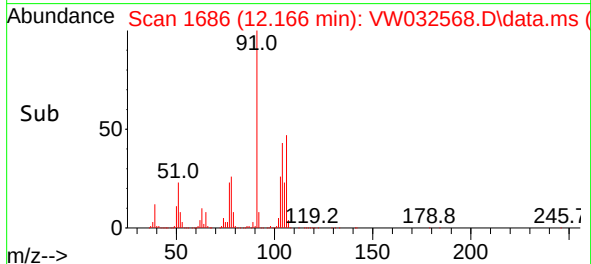
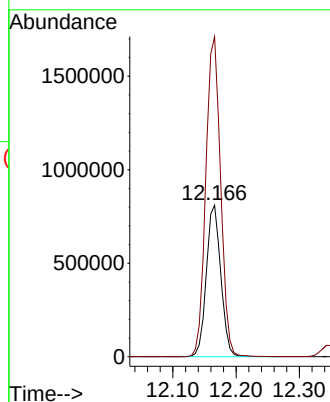
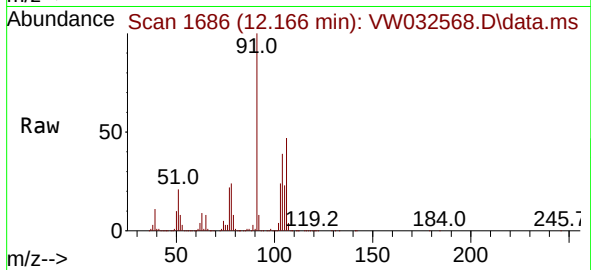




#69
o-Xylene
Concen: 161.908 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

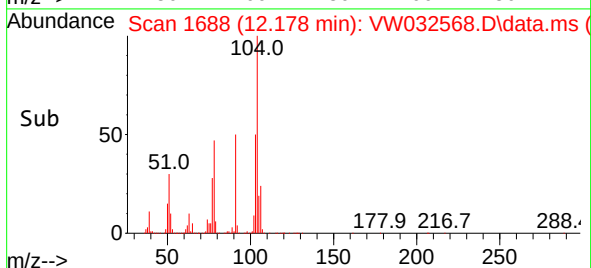
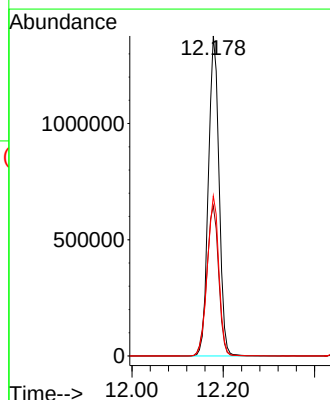
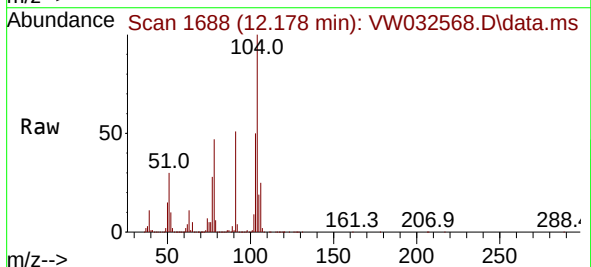
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

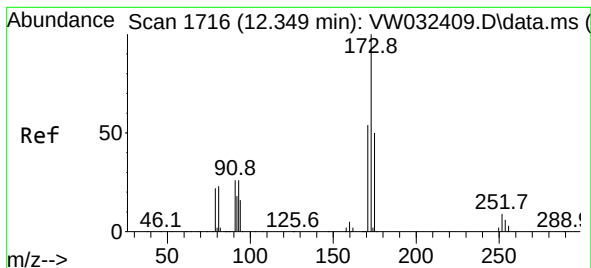
Tgt Ion:106 Resp: 1288302
Ion Ratio Lower Upper
106 100
91 216.5 104.1 312.3



#70
Styrene
Concen: 160.096 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:104 Resp: 2234499
Ion Ratio Lower Upper
104 100
78 51.8 40.8 61.2
103 54.0 43.3 64.9





#71

Bromoform

Concen: 167.831 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

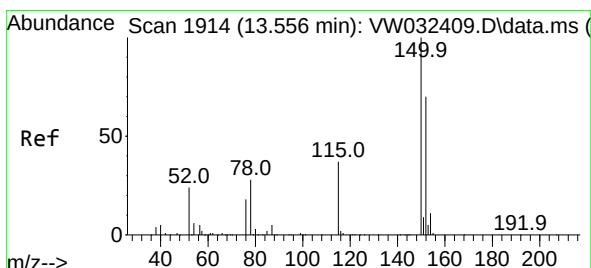
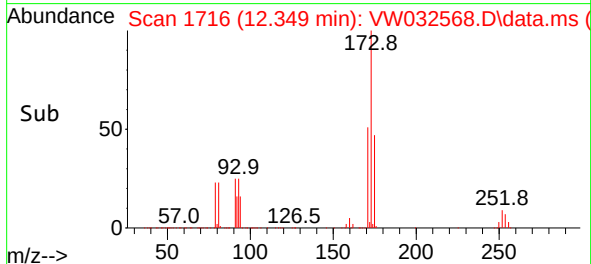
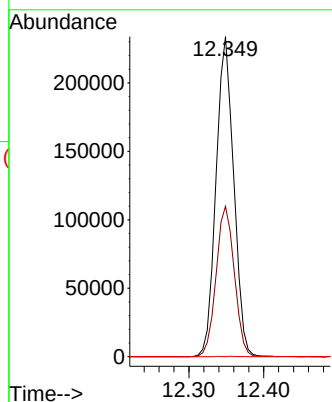
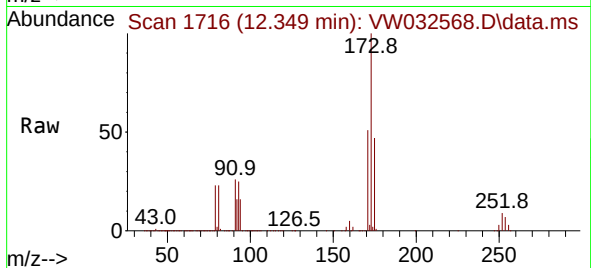
Tgt Ion:173 Resp: 384325

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

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: VW032568.D

Acq: 03 Dec 2025 13:20

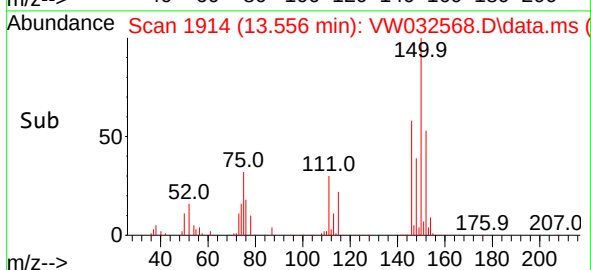
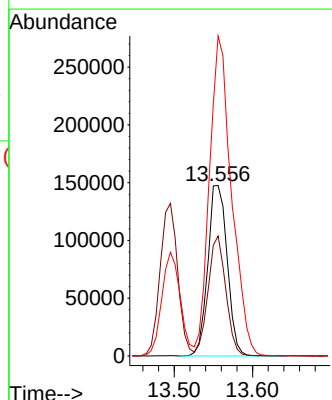
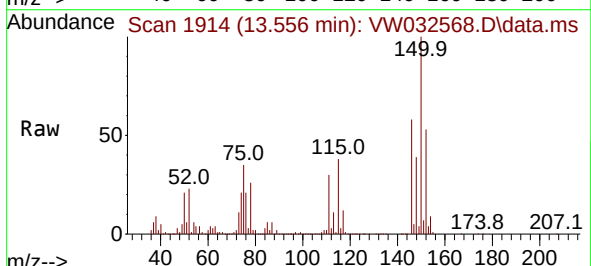
Tgt Ion:152 Resp: 253448

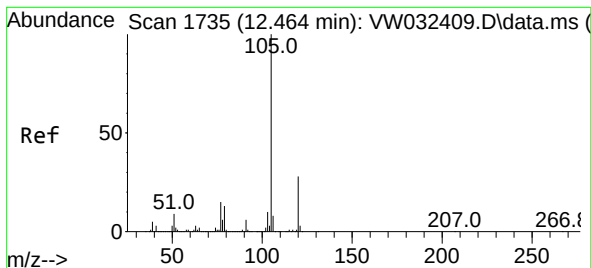
Ion Ratio Lower Upper

152 100

115 64.2 31.1 93.3

150 213.5 0.0 351.2





#73

Isopropylbenzene

Concen: 172.231 ug/l

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

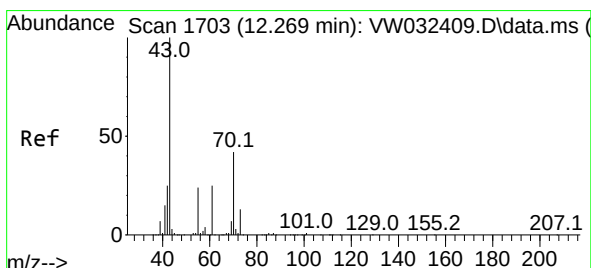
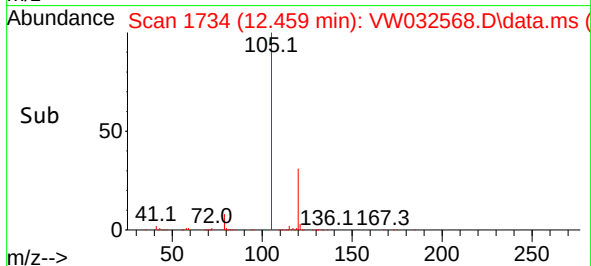
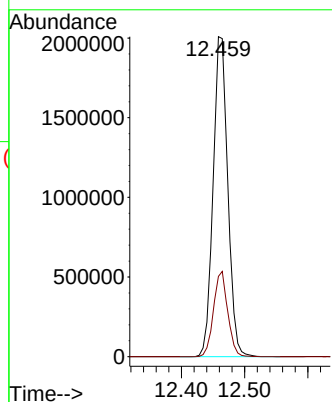
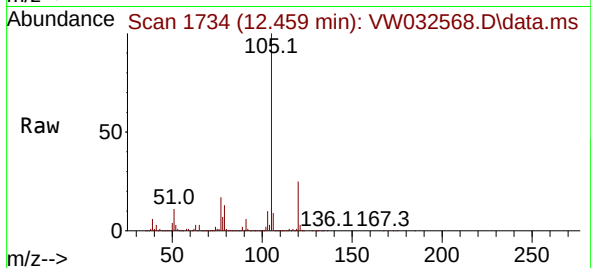
VSTDIC150

Tgt Ion:105 Resp: 3238130

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 179.335 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Tgt Ion: 43 Resp: 1116097

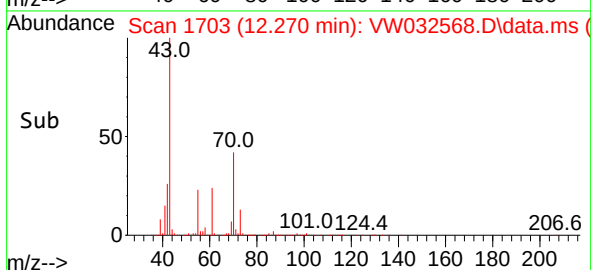
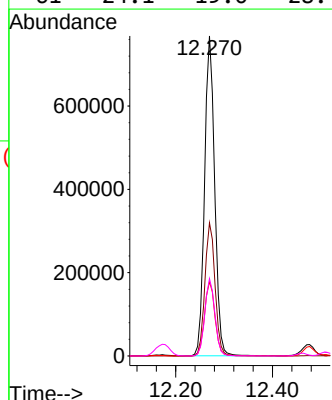
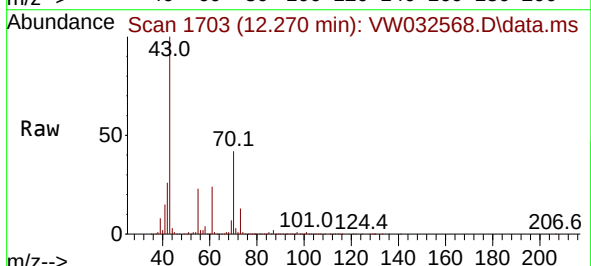
Ion Ratio Lower Upper

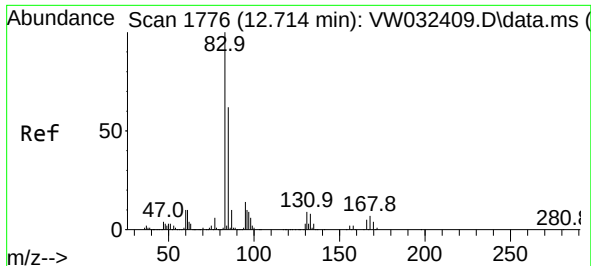
43 100

70 42.0 32.6 48.8

55 23.9 19.7 29.5

61 24.1 19.0 28.4

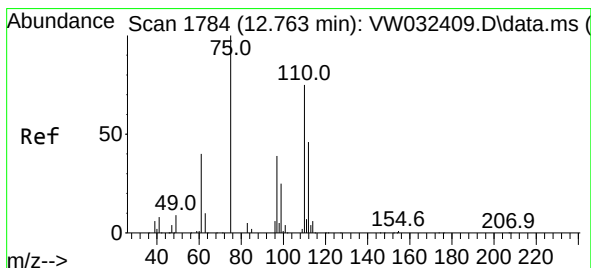
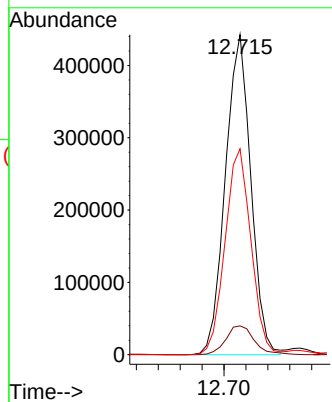
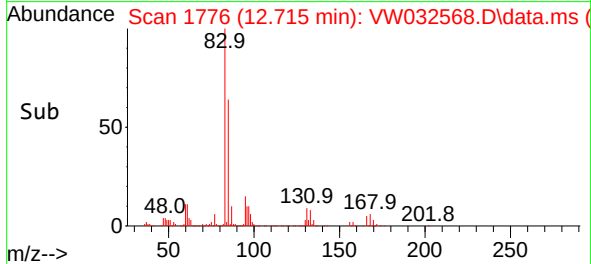
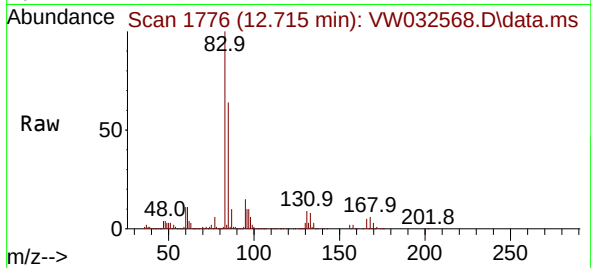




#75
1,1,2,2-Tetrachloroethane
Concen: 161.316 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

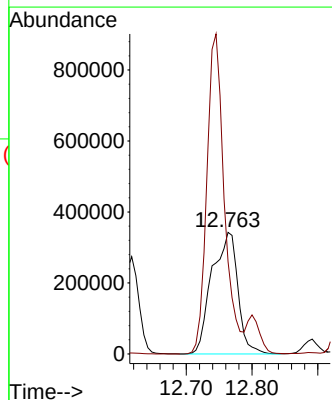
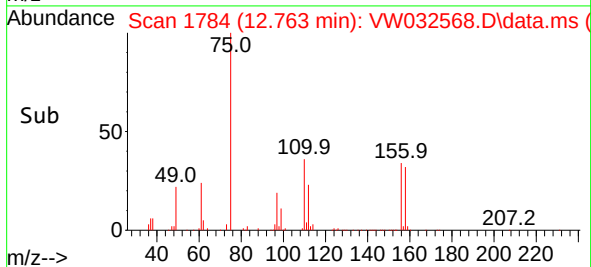
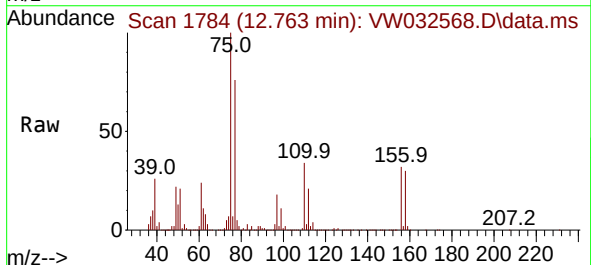
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

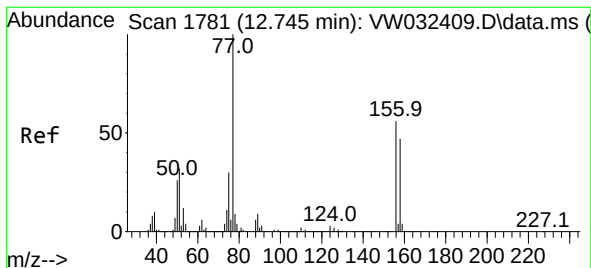
Tgt Ion: 83 Resp: 713958
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 65.4 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 272.254 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 75 Resp: 940373
Ion Ratio Lower Upper
75 100
77 178.1 148.2 444.4

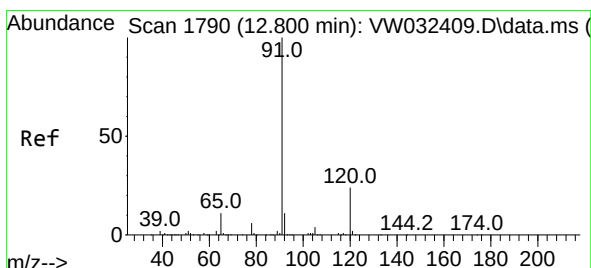
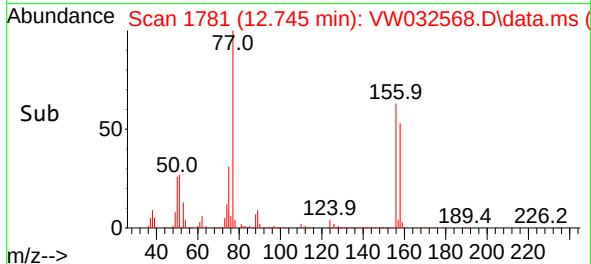
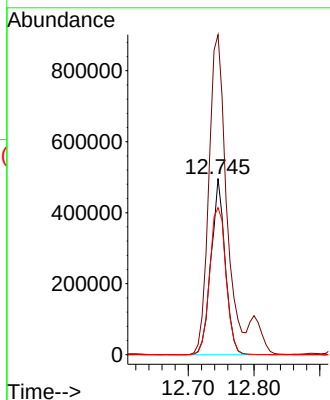
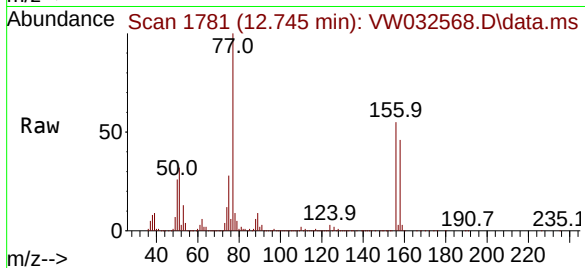




#77
Bromobenzene
Concen: 167.444 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

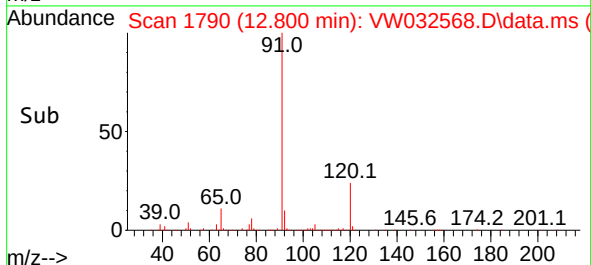
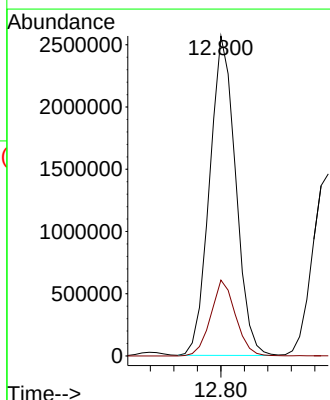
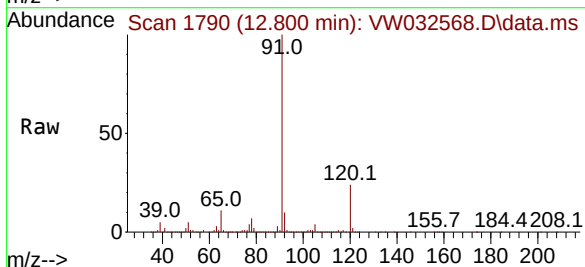
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

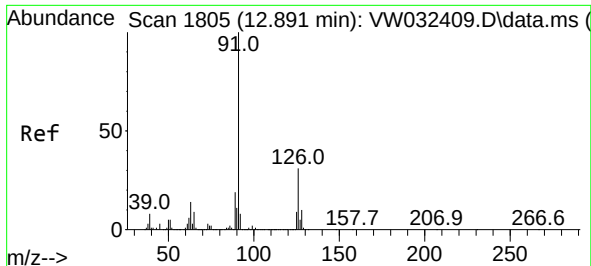
Tgt Ion:156 Resp: 744177
Ion Ratio Lower Upper
156 100
77 225.0 115.9 347.7
158 96.1 50.7 152.1



#78
n-propylbenzene
Concen: 164.897 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 91 Resp: 3955189
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4

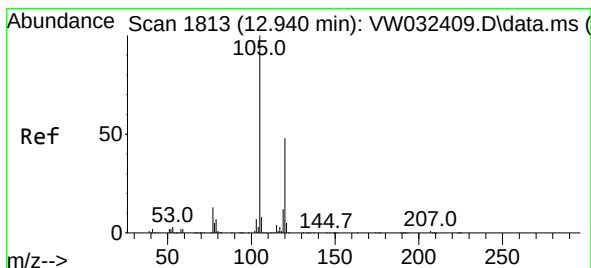
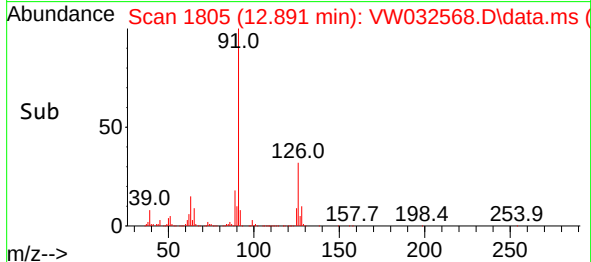
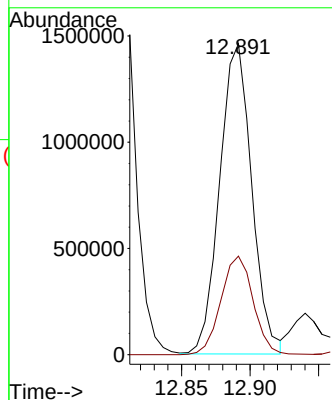
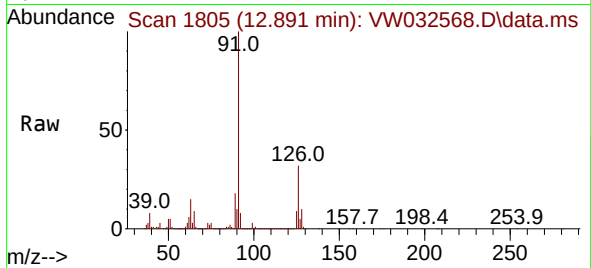




#79
2-Chlorotoluene
Concen: 166.210 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

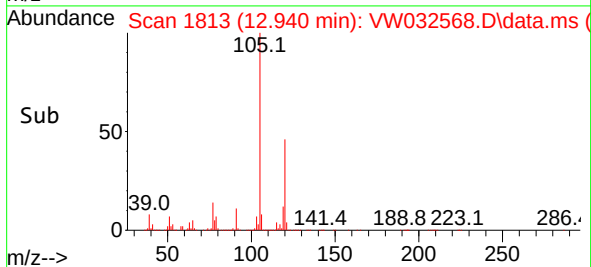
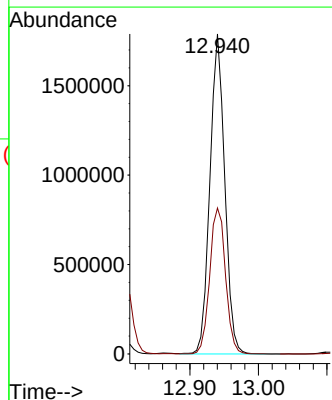
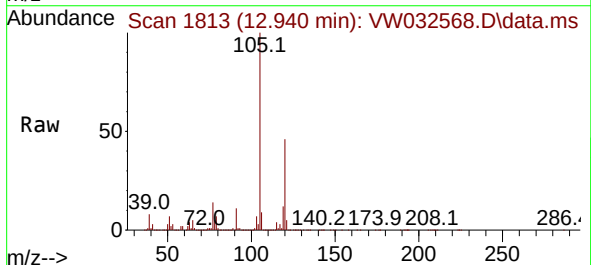
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

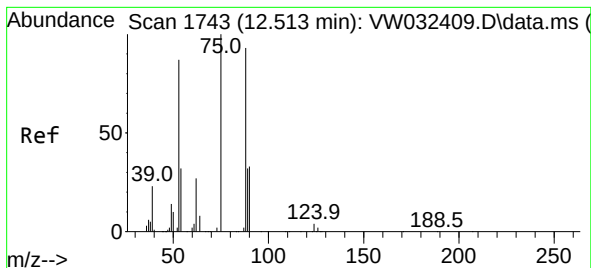
Tgt Ion: 91 Resp: 2376967
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 167.388 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:105 Resp: 2685262
Ion Ratio Lower Upper
105 100
120 48.7 23.8 71.4

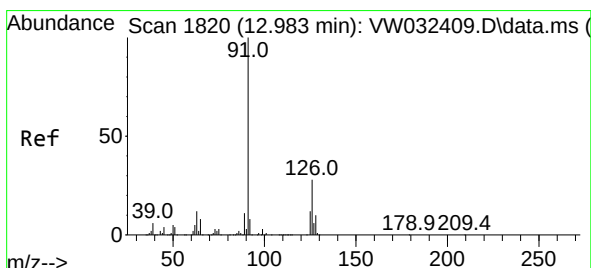
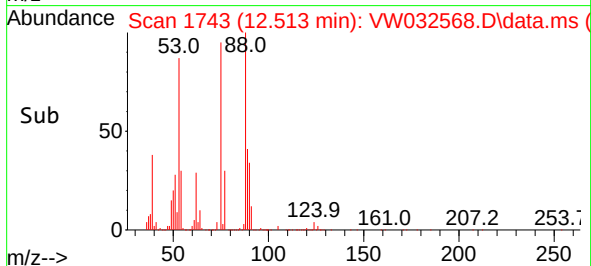
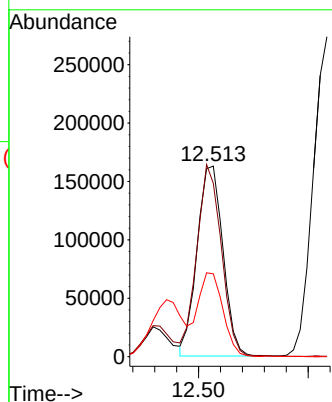
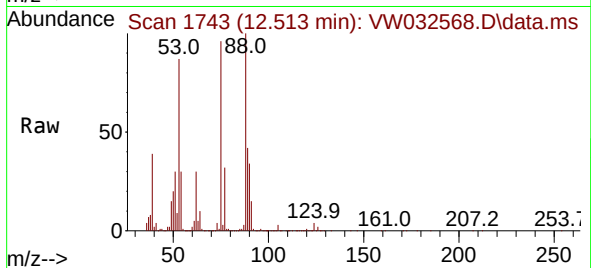




#81
trans-1,4-Dichloro-2-butene
Concen: 182.999 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

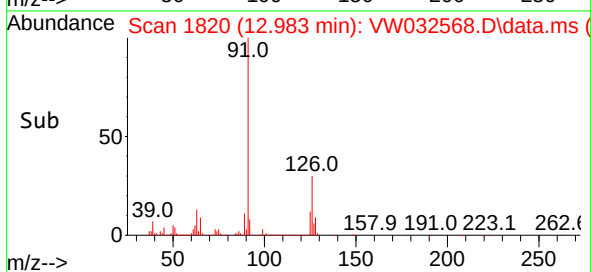
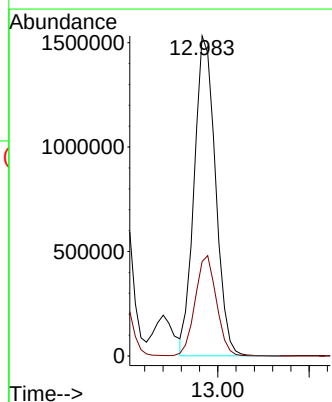
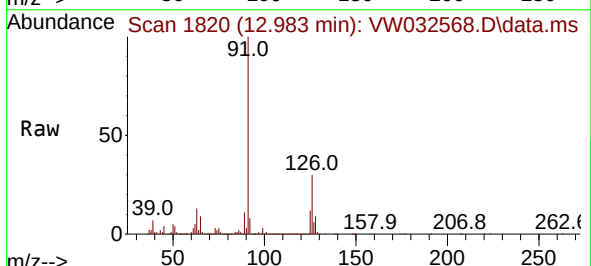
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

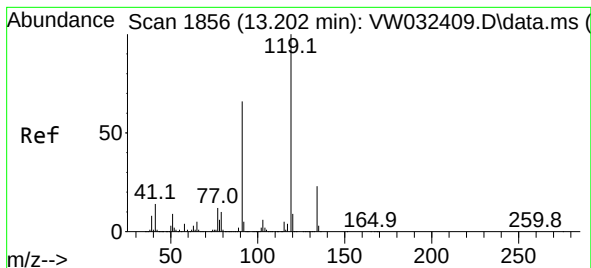
Tgt Ion: 75 Resp: 266840
Ion Ratio Lower Upper
75 100
53 96.1 80.8 121.2
89 43.2 31.4 47.2



#82
4-Chlorotoluene
Concen: 161.414 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 91 Resp: 2468799
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7

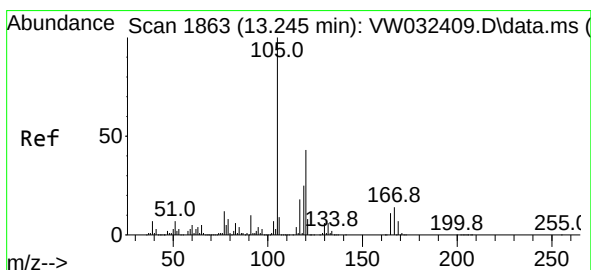
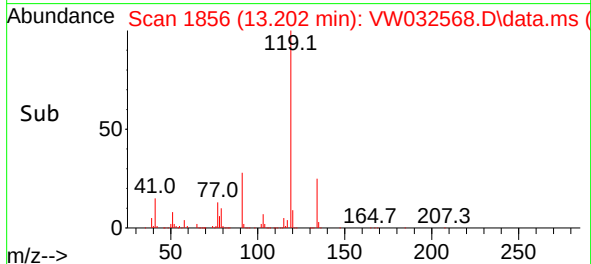
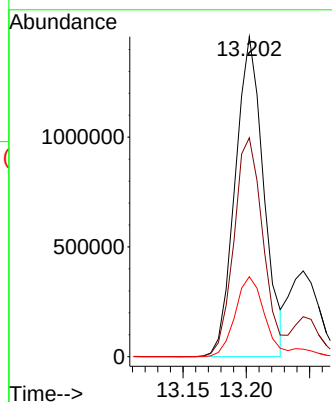
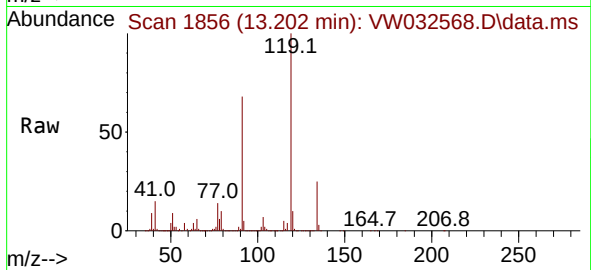




#83
tert-Butylbenzene
Concen: 172.790 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

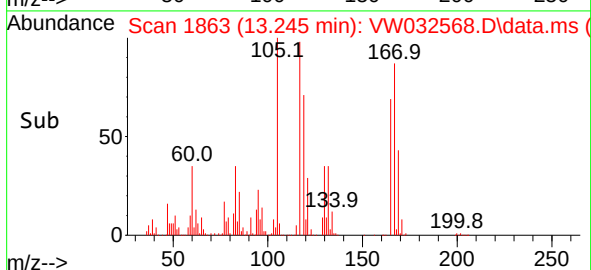
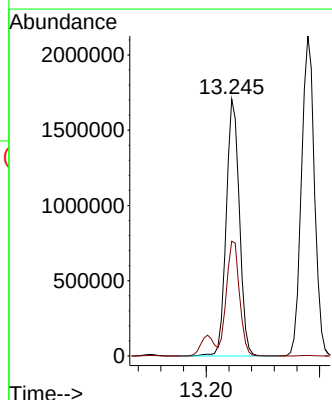
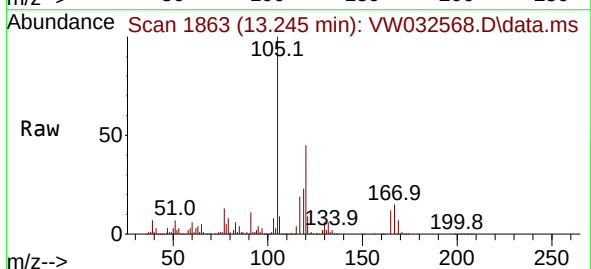
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

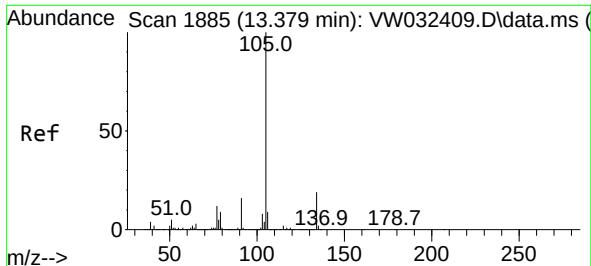
Tgt Ion:119 Resp: 2286132
Ion Ratio Lower Upper
119 100
91 71.0 34.6 103.9
134 25.6 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 170.721 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion:105 Resp: 2735793
Ion Ratio Lower Upper
105 100
120 44.6 22.7 68.1

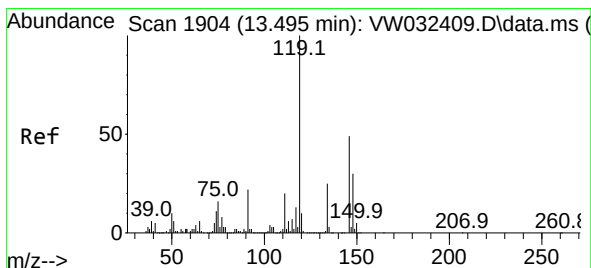
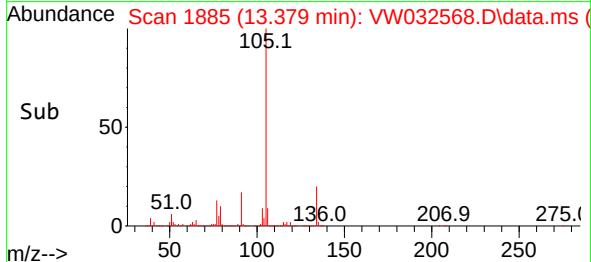
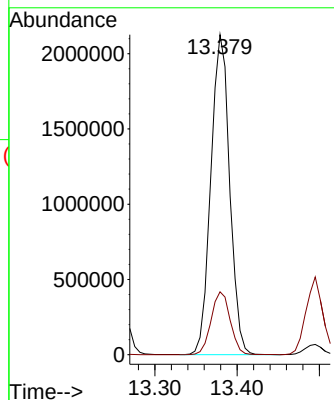
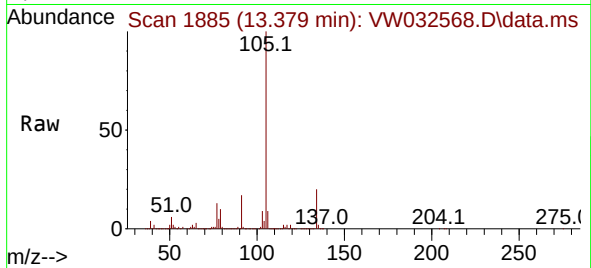




#85
 sec-Butylbenzene
 Concen: 165.372 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

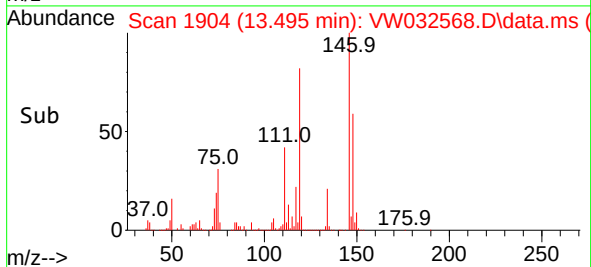
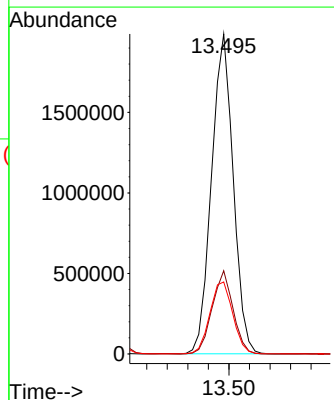
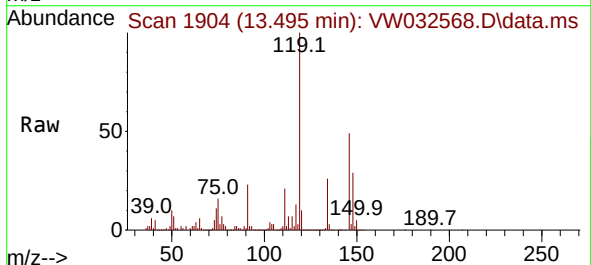
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

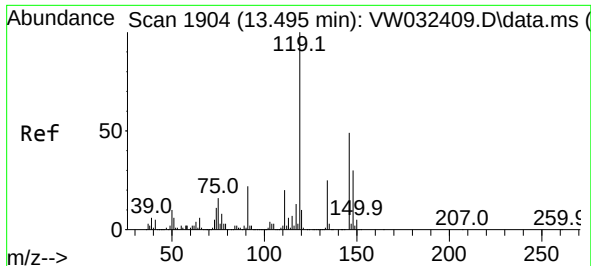
Tgt Ion:105 Resp: 3374724
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 172.762 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion:119 Resp: 2903764
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 38.9
 91 23.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 161.952 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

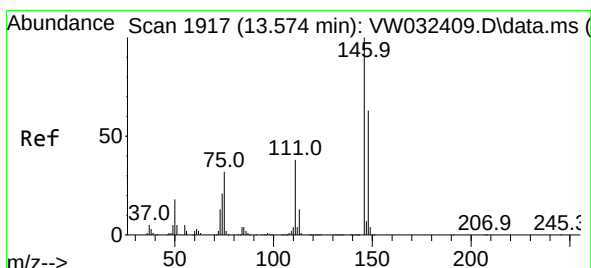
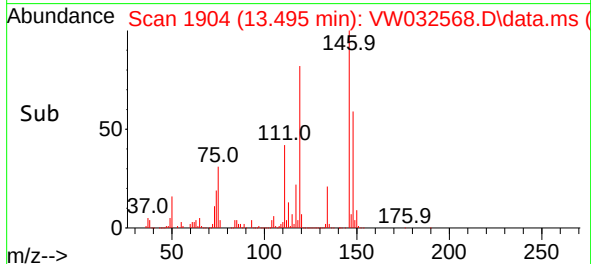
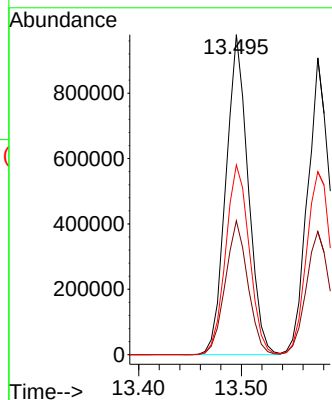
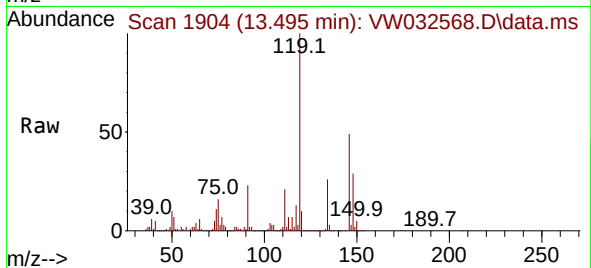
Tgt Ion:146 Resp: 1471665

Ion Ratio Lower Upper

146 100

111 42.4 21.6 64.6

148 63.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 152.831 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

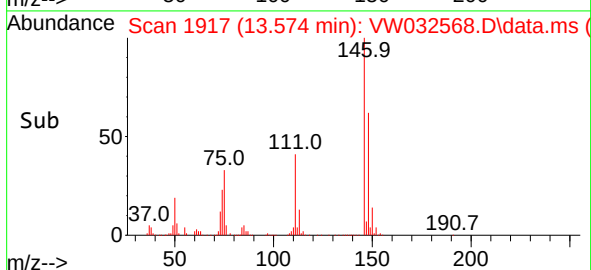
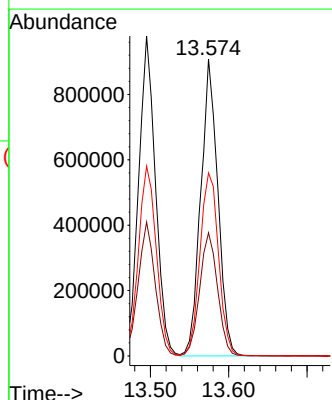
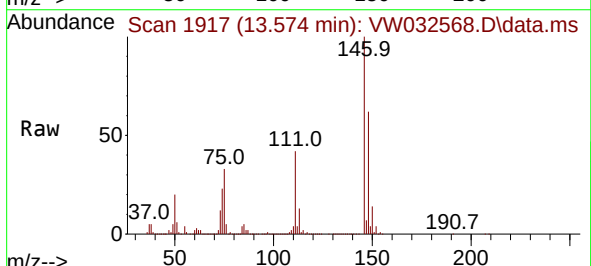
Tgt Ion:146 Resp: 1378445

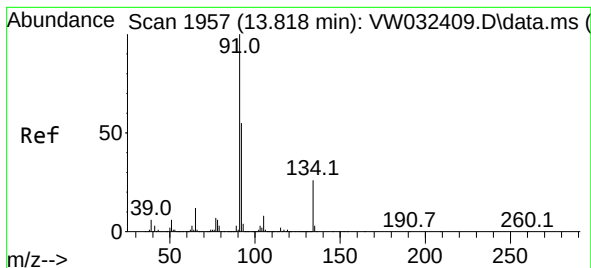
Ion Ratio Lower Upper

146 100

111 43.2 20.8 62.5

148 66.9 31.4 94.3





#89

n-Butylbenzene

Concen: 167.732 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

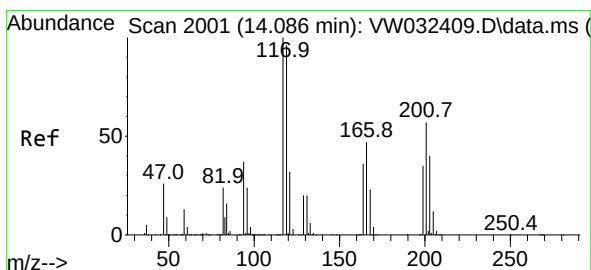
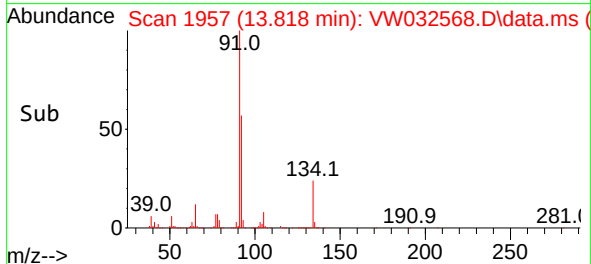
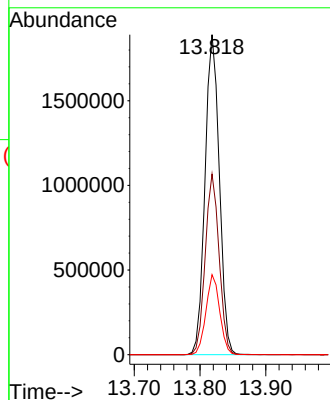
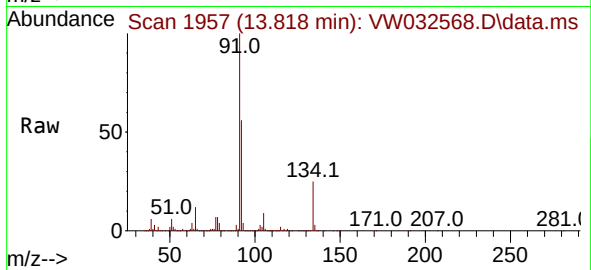
Tgt Ion: 91 Resp: 2862995

Ion Ratio Lower Upper

91 100

92 54.8 27.1 81.3

134 24.1 12.4 37.0



#90

Hexachloroethane

Concen: 167.848 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032568.D

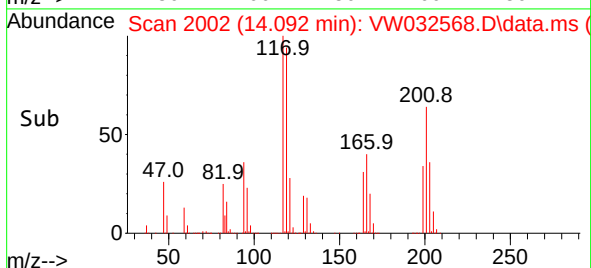
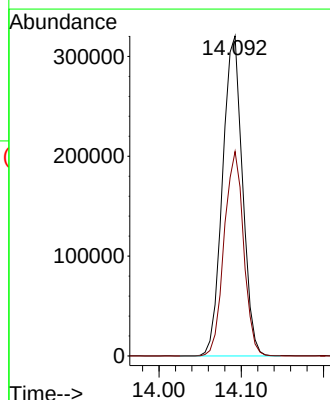
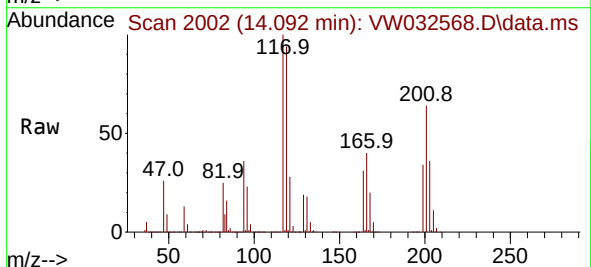
Acq: 03 Dec 2025 13:20

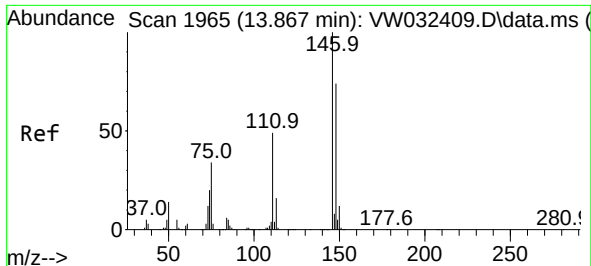
Tgt Ion: 117 Resp: 540322

Ion Ratio Lower Upper

117 100

201 62.2 29.5 88.6





#91

1,2-Dichlorobenzene

Concen: 156.690 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

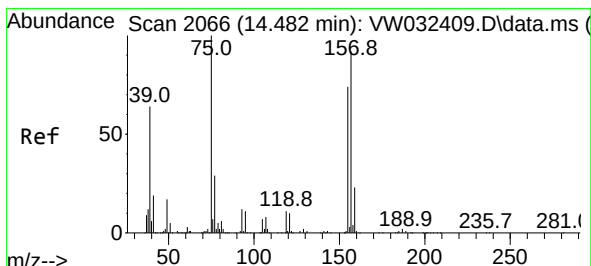
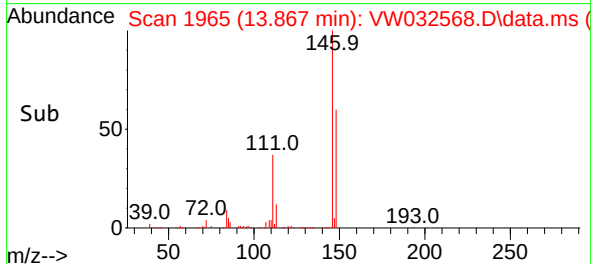
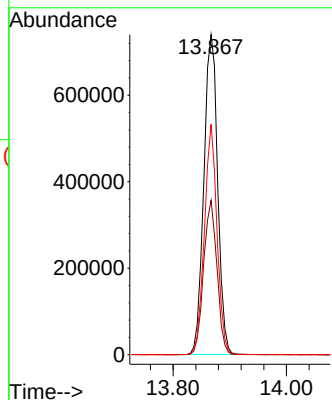
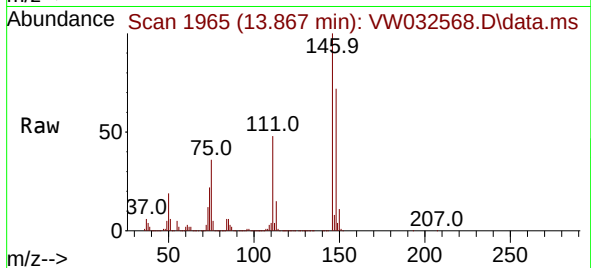
Tgt Ion:146 Resp: 1248934

Ion Ratio Lower Upper

146 100

111 46.8 22.8 68.3

148 66.0 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 168.565 ug/l

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

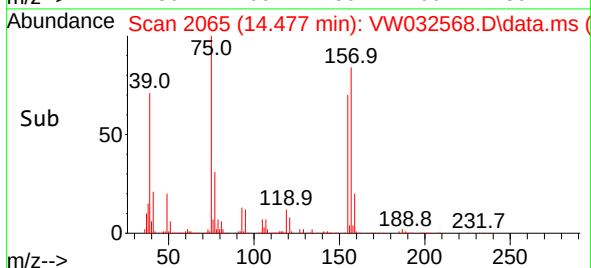
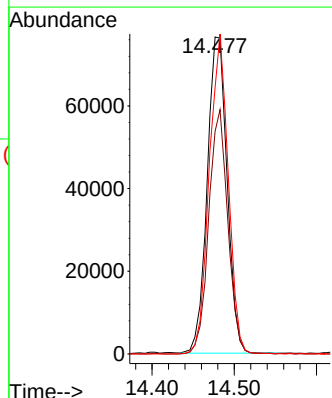
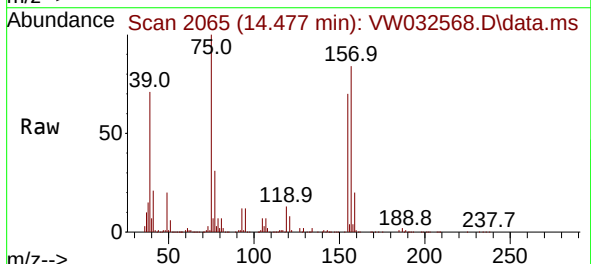
Tgt Ion: 75 Resp: 128630

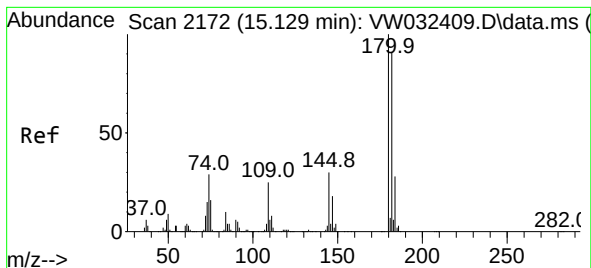
Ion Ratio Lower Upper

75 100

155 74.1 34.6 103.9

157 96.7 44.4 133.2





#93

1,2,4-Trichlorobenzene

Concen: 178.552 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

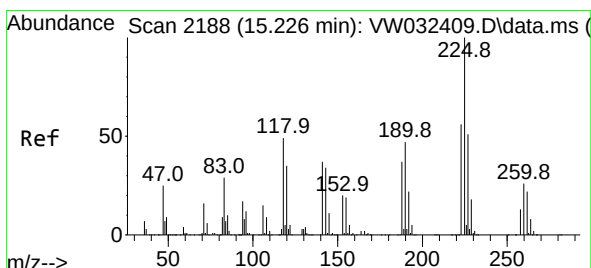
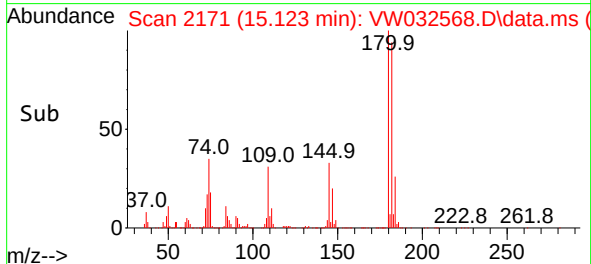
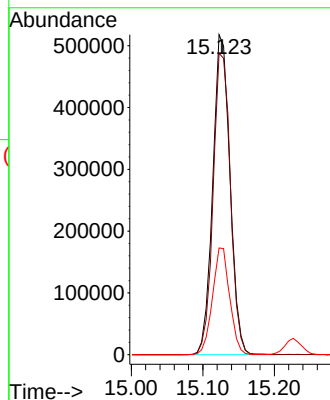
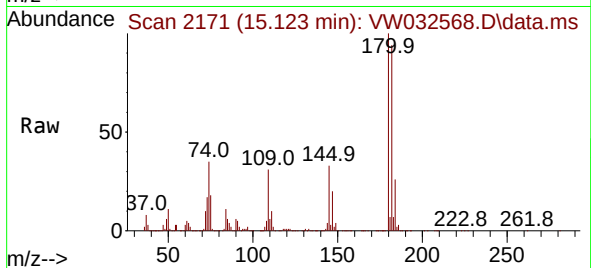
Tgt Ion:180 Resp: 866787

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

145 33.4 17.1 51.3



#94

Hexachlorobutadiene

Concen: 160.664 ug/l

RT: 15.220 min Scan# 2187

Delta R.T. -0.012 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

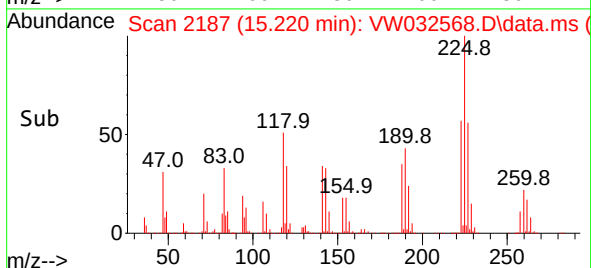
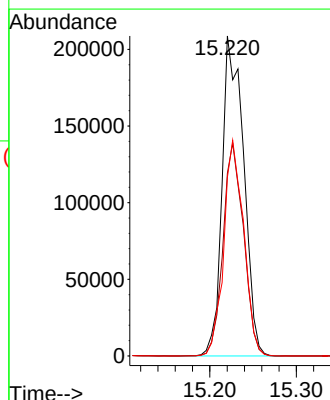
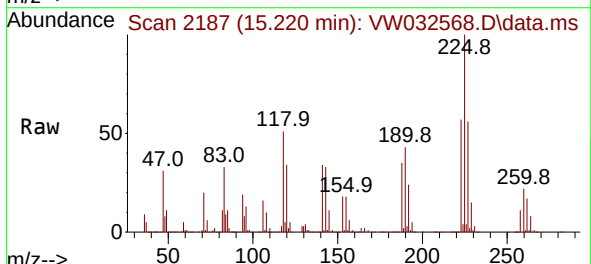
Tgt Ion:225 Resp: 359013

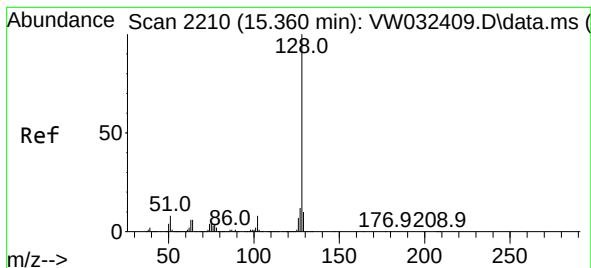
Ion Ratio Lower Upper

225 100

223 63.6 30.3 91.0

227 62.8 30.7 92.1





#95

Naphthalene

Concen: 193.874 ug/l

RT: 15.361 min Scan# 2110720

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

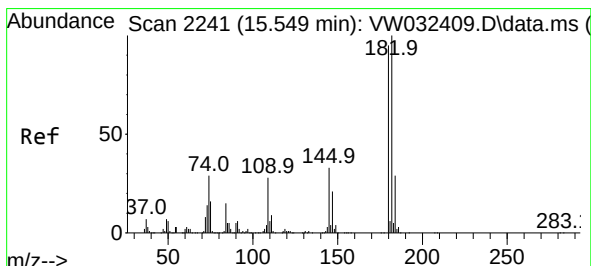
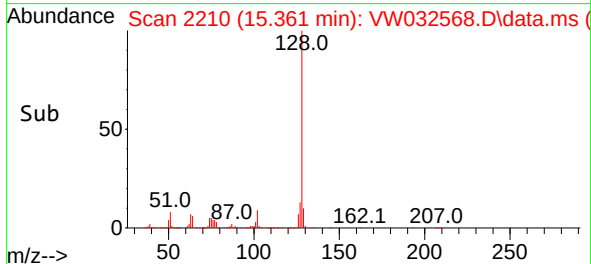
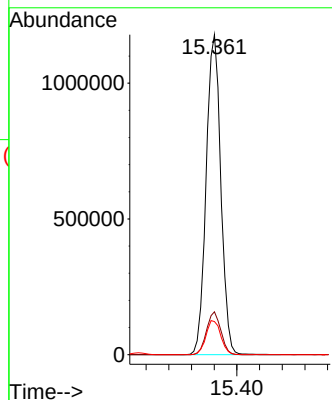
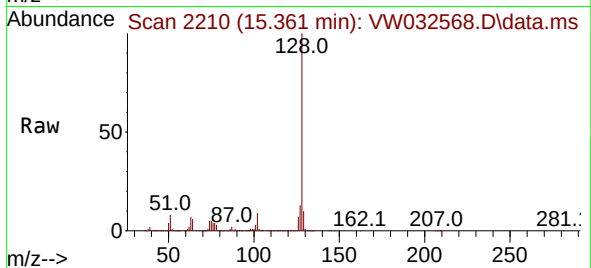
Tgt Ion:128 Resp: 2110720

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 172.185 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Tgt Ion:180 Resp: 759368

Ion Ratio Lower Upper

180 100

182 92.7 48.0 144.2

145 36.3 17.8 53.4

