

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032658.D
 Acq On : 16 Dec 2025 16:00
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 17 00:42:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	360804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	646647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	556640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	259405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	265453	51.288	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 102.580%	
35) Dibromofluoromethane	7.892	113	219541	52.245	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.480%	
50) Toluene-d8	10.325	98	836304	52.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	12.617	95	307758	52.842	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	95904	45.679	ug/l	100
3) Chloromethane	2.247	50	177886	47.739	ug/l	97
4) Vinyl Chloride	2.399	62	232211	49.183	ug/l	100
5) Bromomethane	2.814	94	152391	49.394	ug/l	97
6) Chloroethane	2.960	64	150777	49.491	ug/l	96
7) Trichlorofluoromethane	3.302	101	190918	46.260	ug/l	89
8) Diethyl Ether	3.716	74	130858	50.056	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	204915	49.868	ug/l	98
10) Methyl Iodide	4.301	142	285981	49.272	ug/l	99
11) Tert butyl alcohol	5.210	59	87831	257.047	ug/l	99
12) 1,1-Dichloroethene	4.070	96	218888	50.712	ug/l	98
13) Acrolein	3.930	56	115909	237.396	ug/l	97
14) Allyl chloride	4.698	41	406708	51.822	ug/l	98
15) Acrylonitrile	5.393	53	372057	258.607	ug/l	98
16) Acetone	4.155	43	455834	256.409	ug/l	99
17) Carbon Disulfide	4.411	76	602239	49.611	ug/l	99
18) Methyl Acetate	4.704	43	181317	53.203	ug/l	99
19) Methyl tert-butyl Ether	5.454	73	461442	52.357	ug/l	99
20) Methylene Chloride	4.948	84	254629	52.919	ug/l	98
21) trans-1,2-Dichloroethene	5.448	96	236229	50.600	ug/l	97
22) Diisopropyl ether	6.332	45	822750	52.039	ug/l	99
23) Vinyl Acetate	6.277	43	2795027	266.214	ug/l	99
24) 1,1-Dichloroethane	6.240	63	467384	50.934	ug/l	98
25) 2-Butanone	7.185	43	543307	268.865	ug/l	99
26) 2,2-Dichloropropane	7.179	77	279890	50.954	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	278966	51.119	ug/l	98
28) Bromochloromethane	7.520	49	171175	49.294	ug/l	99
29) Tetrahydrofuran	7.545	42	321640	264.275	ug/l	99
30) Chloroform	7.691	83	463011	50.696	ug/l	99
31) Cyclohexane	7.965	56	413130	48.564	ug/l	98
32) 1,1,1-Trichloroethane	7.880	97	352111	50.621	ug/l	98
36) 1,1-Dichloropropene	8.094	75	333404	51.232	ug/l	99
37) Ethyl Acetate	7.264	43	224471	51.939	ug/l	100
38) Carbon Tetrachloride	8.075	117	314551	51.061	ug/l	97
39) Methylcyclohexane	9.337	83	419963	51.532	ug/l	93
40) Benzene	8.331	78	991547	50.724	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	122304	51.051	ug/l	99
42) 1,2-Dichloroethane	8.411	62	316711	51.203	ug/l	99
43) Isopropyl Acetate	8.429	43	394749	52.466	ug/l	99
44) Trichloroethene	9.093	130	228777	50.602	ug/l	96
45) 1,2-Dichloropropane	9.374	63	254034	50.956	ug/l	99
46) Dibromomethane	9.465	93	144627	50.429	ug/l	99
47) Bromodichloromethane	9.648	83	347490	51.410	ug/l	97
48) Methyl methacrylate	9.441	41	199307	55.022	ug/l	95
49) 1,4-Dioxane	9.459	88	39213	1077.658	ug/l #	97
51) 4-Methyl-2-Pentanone	10.209	43	1109852	262.644	ug/l	100
52) Toluene	10.386	92	626533	52.051	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	350150	53.243	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	402082	52.570	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	198902	51.154	ug/l	99
56) Ethyl methacrylate	10.648	69	289341	53.585	ug/l	99
57) 1,3-Dichloropropane	10.934	76	351514	51.033	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	669027	244.119	ug/l	100
59) 2-Hexanone	10.965	43	821693	269.925	ug/l	99
60) Dibromochloromethane	11.130	129	224531	52.111	ug/l	98
61) 1,2-Dibromoethane	11.239	107	185309	49.997	ug/l	96
64) Tetrachloroethene	10.861	164	184425	51.936	ug/l #	89
65) Chlorobenzene	11.654	112	679077	53.679	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	209691	54.146	ug/l	94
67) Ethyl Benzene	11.727	91	1195889	55.307	ug/l	94
68) m/p-Xylenes	11.837	106	913035	110.709	ug/l	99
69) o-Xylene	12.160	106	417555	55.420	ug/l	98
70) Styrene	12.178	104	738918	56.288	ug/l	100
71) Bromoform	12.349	173	122820	56.765	ug/l #	97
73) Isopropylbenzene	12.459	105	1090559	55.872	ug/l	99
74) N-amyl acetate	12.270	43	357721	56.097	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.709	83	247915	53.442	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	179602m	30.311	ug/l	
77) Bromobenzene	12.745	156	243293	54.096	ug/l	96
78) n-propylbenzene	12.800	91	1373231	55.527	ug/l	100
79) 2-Chlorotoluene	12.885	91	808322	54.871	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	895659	55.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	85140	56.270	ug/l	96
82) 4-Chlorotoluene	12.983	91	837494	53.537	ug/l	99
83) tert-Butylbenzene	13.202	119	768543	55.031	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	913543	55.255	ug/l	99
85) sec-Butylbenzene	13.379	105	1163428	54.603	ug/l	99
86) p-Isopropyltoluene	13.495	119	953166	54.631	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	476725	52.666	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	488062	53.672	ug/l	98
89) n-Butylbenzene	13.818	91	977287	55.700	ug/l	99
90) Hexachloroethane	14.086	117	177086	54.003	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	438580	53.522	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.477	75	42441	53.165	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	282088	58.156	ug/l	94
94) Hexachlorobutadiene	15.226	225	121878	53.768	ug/l	93
95) Naphthalene	15.360	128	661870	58.044	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	231772	53.185	ug/l	92

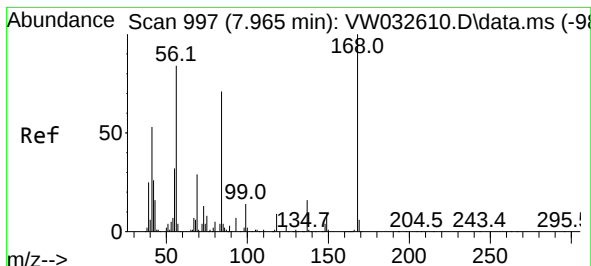
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Response via : Initial Calibration

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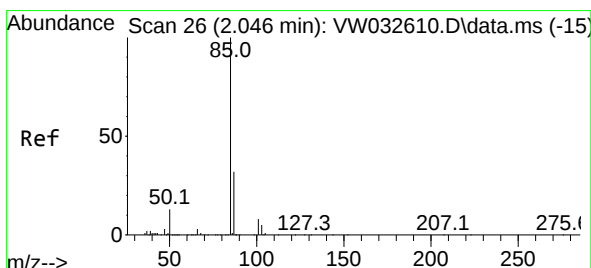
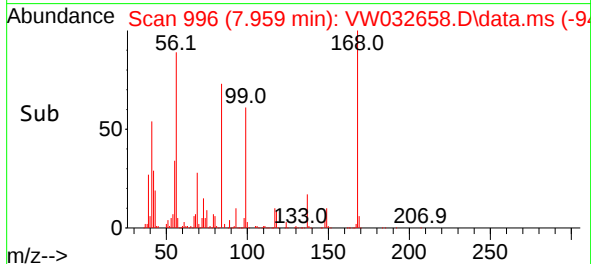
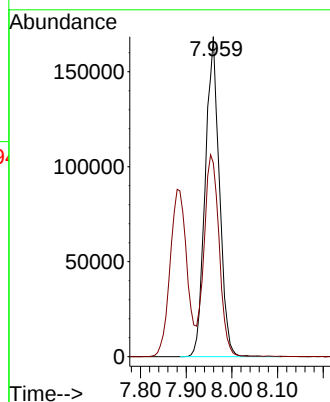
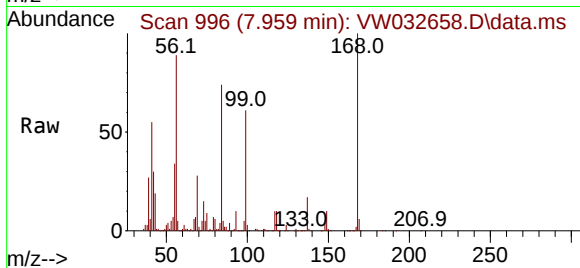
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

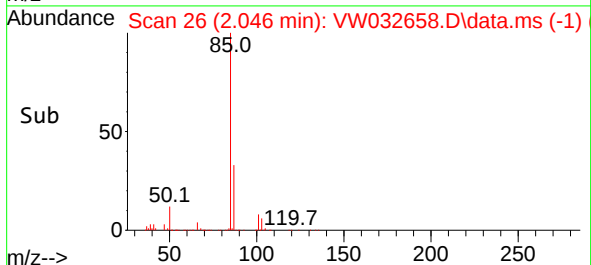
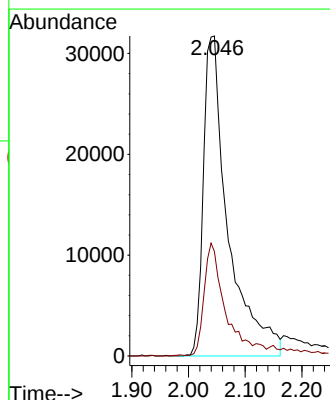
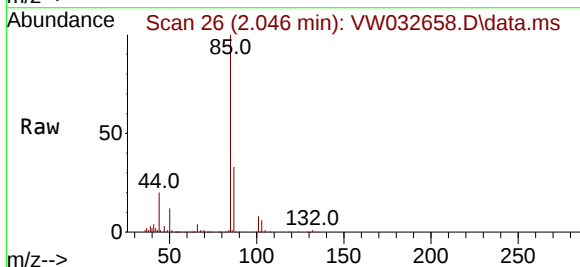
Instrument :
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ClientSampleId :
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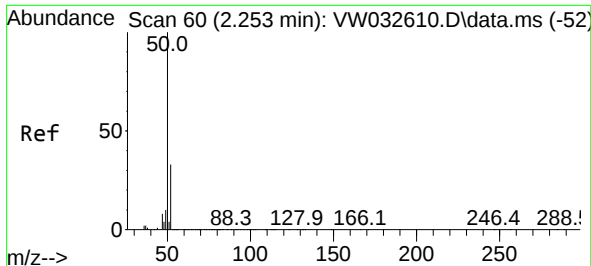
Tgt Ion:168 Resp: 360804
Ion Ratio Lower Upper
168 100
99 60.4 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 45.679 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 85 Resp: 95904
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.3

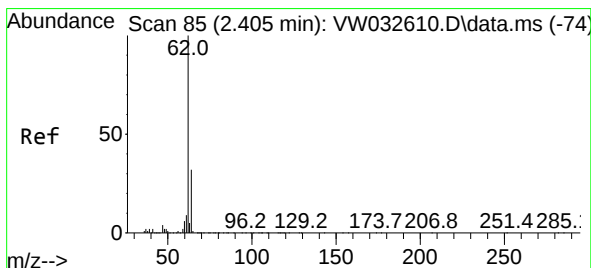
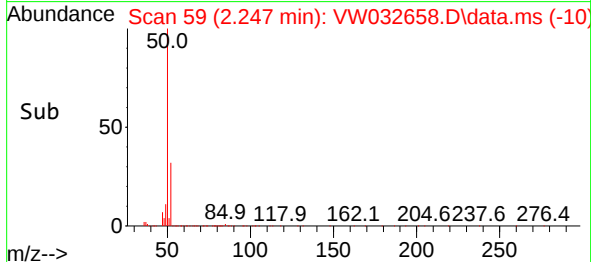
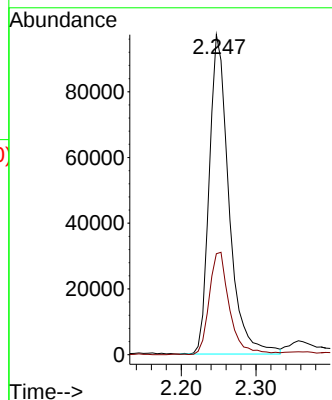
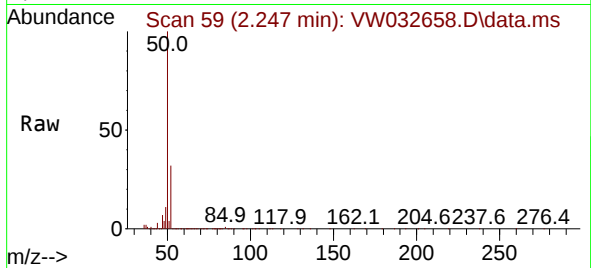




#3
Chloromethane
Concen: 47.739 ug/l
RT: 2.247 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

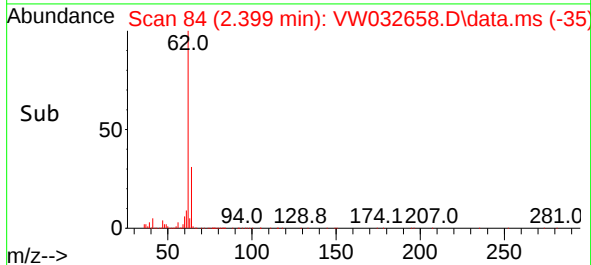
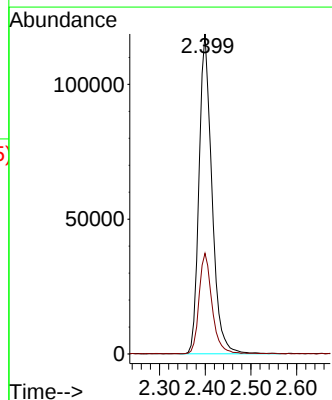
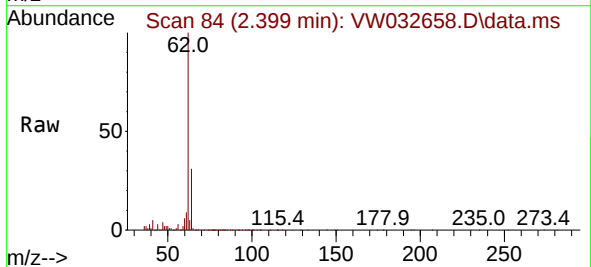
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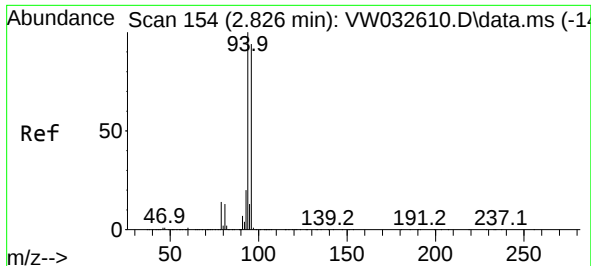
Tgt Ion: 50 Resp: 177886
Ion Ratio Lower Upper
50 100
52 31.5 26.6 40.0



#4
Vinyl Chloride
Concen: 49.183 ug/l
RT: 2.399 min Scan# 84
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 62 Resp: 232211
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9

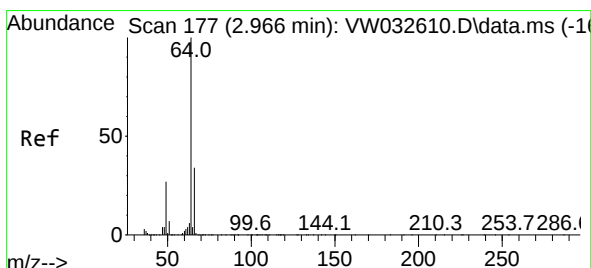
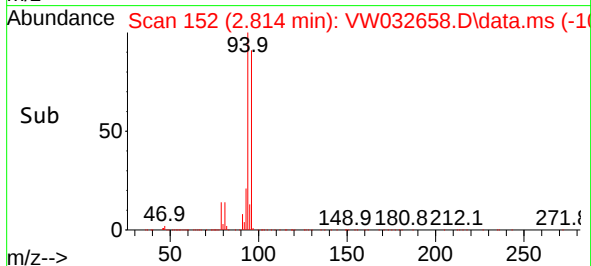
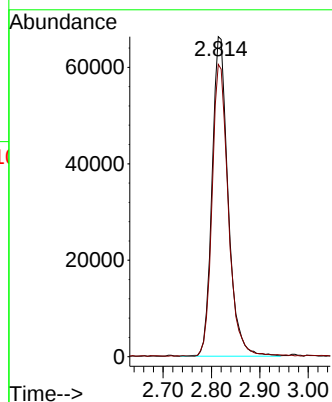
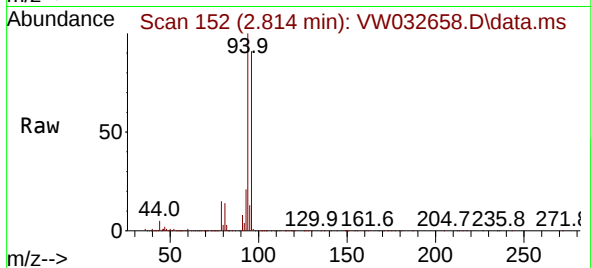




#5
Bromomethane
Concen: 49.394 ug/l
RT: 2.814 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

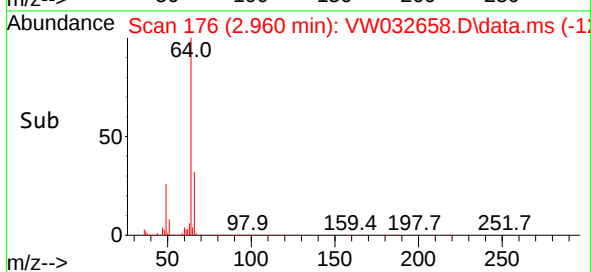
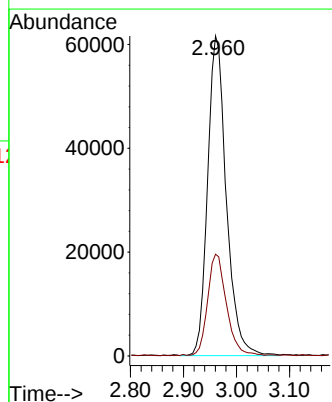
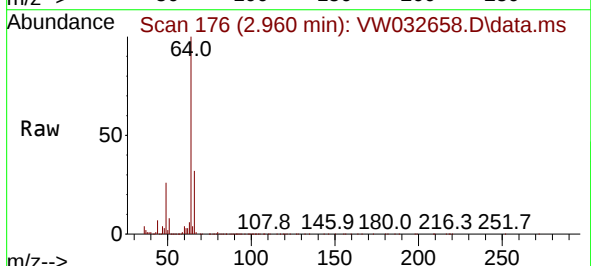
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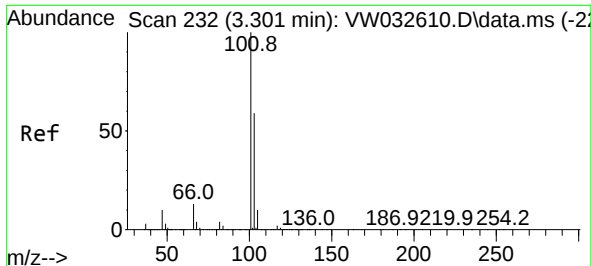
Tgt Ion: 94 Resp: 152391
Ion Ratio Lower Upper
94 100
96 91.3 75.4 113.2



#6
Chloroethane
Concen: 49.491 ug/l
RT: 2.960 min Scan# 176
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 64 Resp: 150777
Ion Ratio Lower Upper
64 100
66 31.7 27.3 40.9

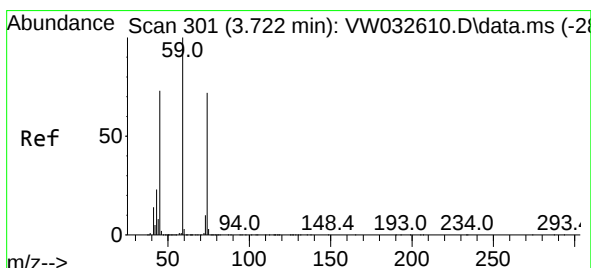
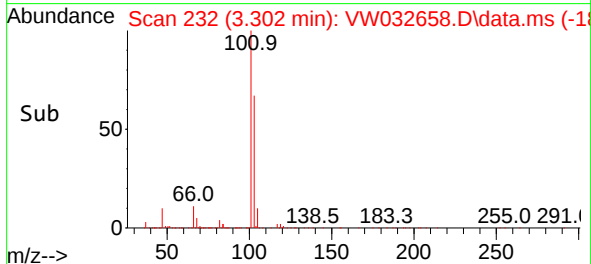
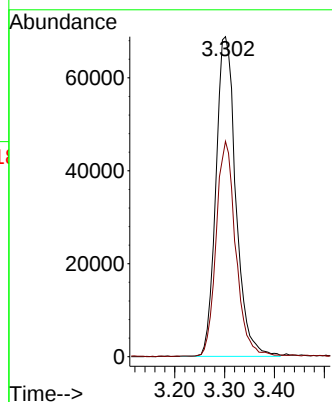
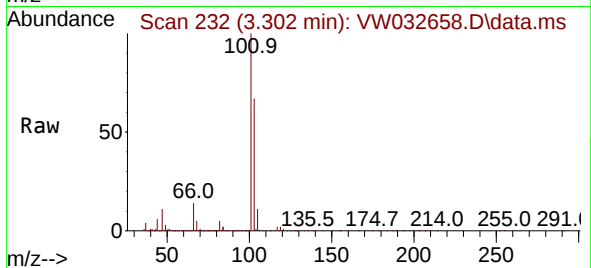




#7
Trichlorofluoromethane
Concen: 46.260 ug/l
RT: 3.302 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

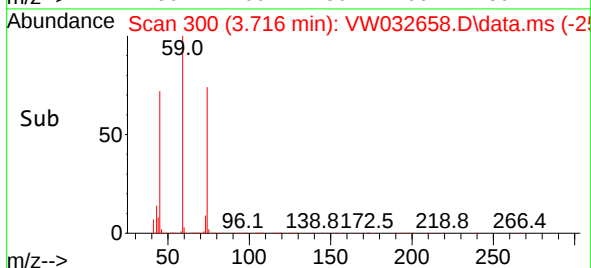
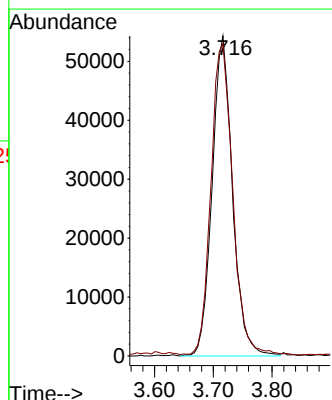
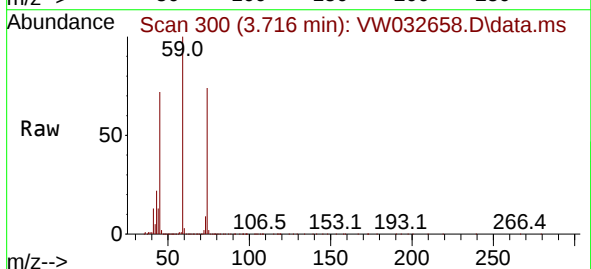
Instrument :
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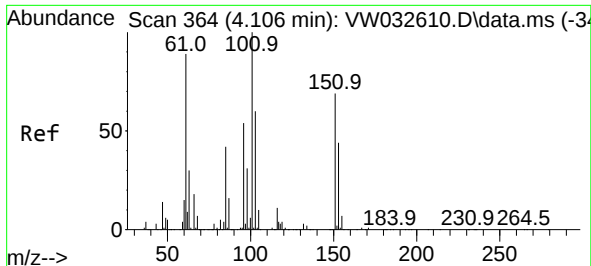
Tgt Ion:101 Resp: 190918
Ion Ratio Lower Upper
101 100
103 67.2 47.3 70.9



#8
Diethyl Ether
Concen: 50.056 ug/l
RT: 3.716 min Scan# 300
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 74 Resp: 130858
Ion Ratio Lower Upper
74 100
45 103.4 52.4 157.2

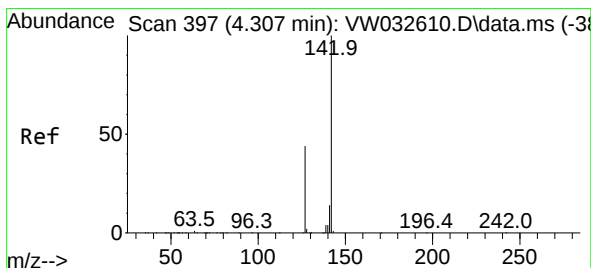
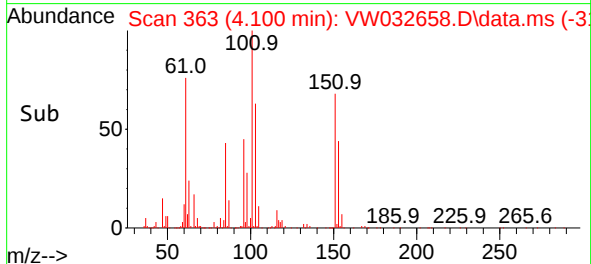
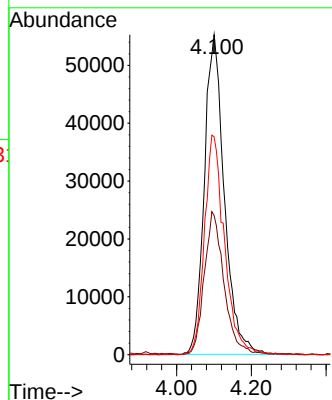
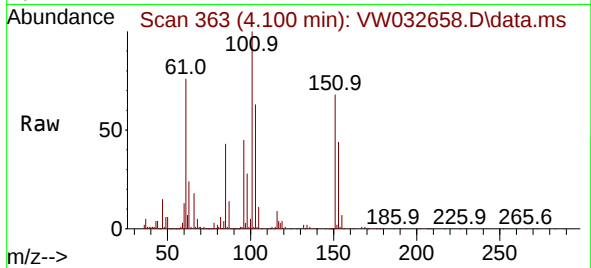




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.868 ug/l
RT: 4.100 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

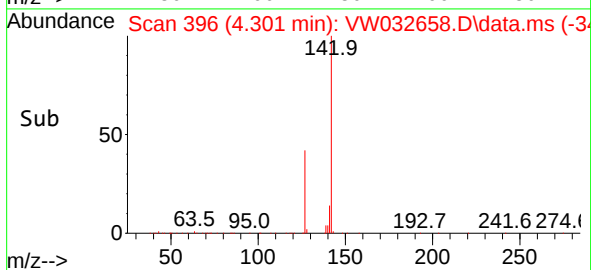
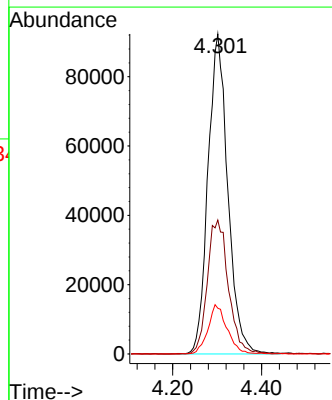
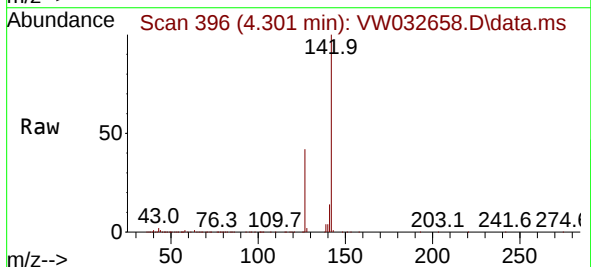
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

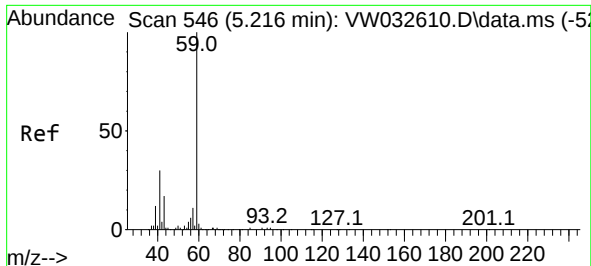
Tgt Ion:101 Resp: 204915
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.2
151 68.9 56.7 85.1



#10
Methyl Iodide
Concen: 49.272 ug/l
RT: 4.301 min Scan# 396
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion:142 Resp: 285981
Ion Ratio Lower Upper
142 100
127 44.3 36.0 54.0
141 14.9 11.6 17.4

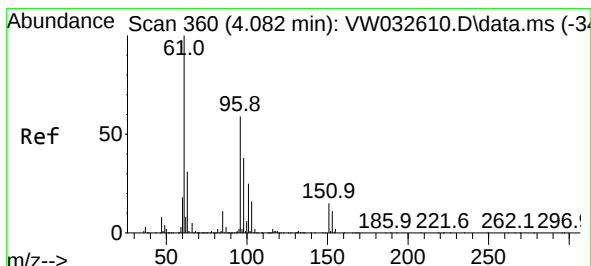
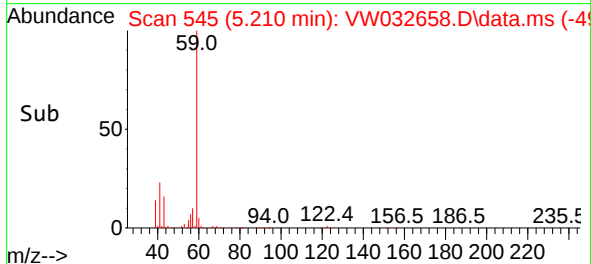
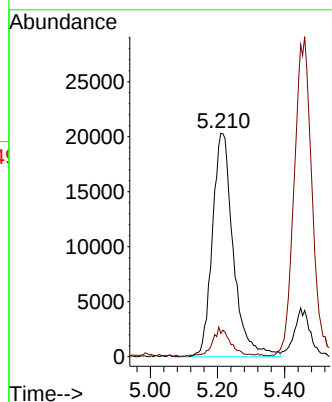
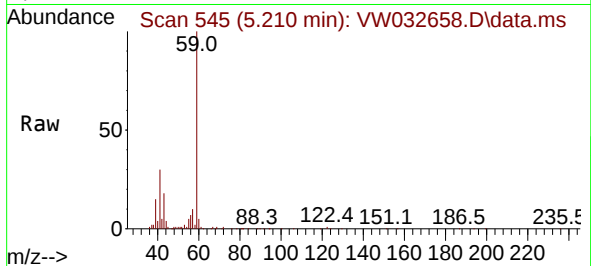




#11
Tert butyl alcohol
Concen: 257.047 ug/l
RT: 5.210 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

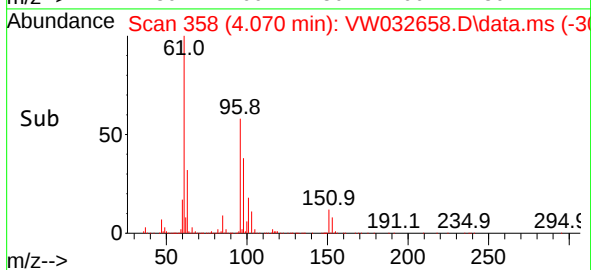
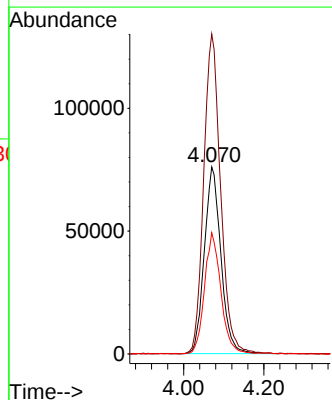
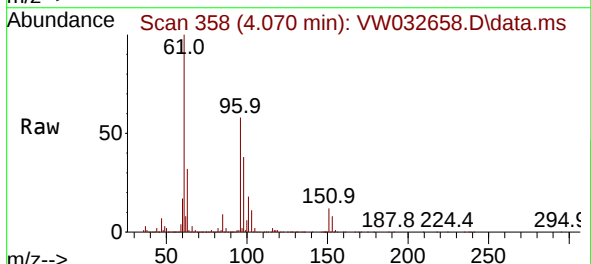
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

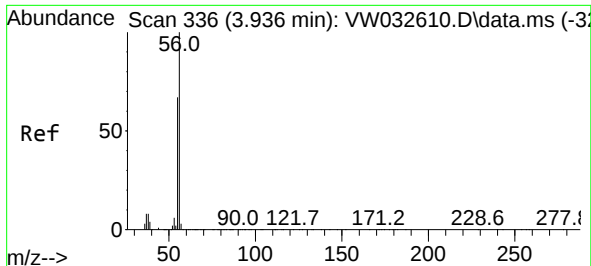
Tgt Ion: 59 Resp: 87831
Ion Ratio Lower Upper
59 100
57 11.4 9.4 14.0



#12
1,1-Dichloroethene
Concen: 50.712 ug/l
RT: 4.070 min Scan# 358
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 96 Resp: 218888
Ion Ratio Lower Upper
96 100
61 171.3 134.6 202.0
98 64.7 51.1 76.7

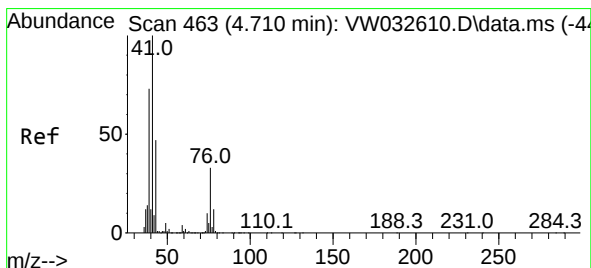
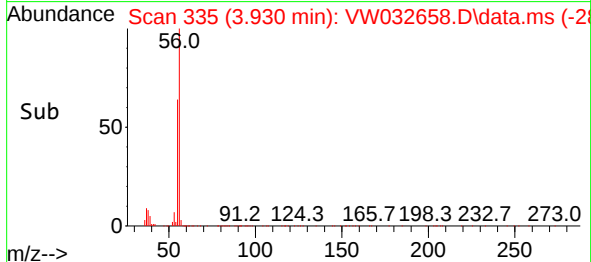
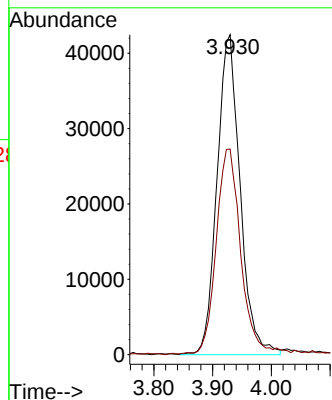
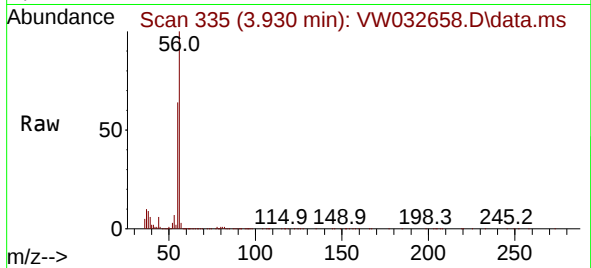




#13
Acrolein
Concen: 237.396 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

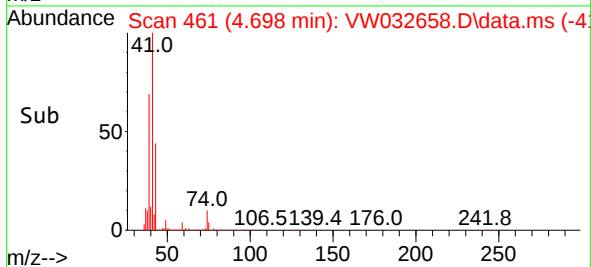
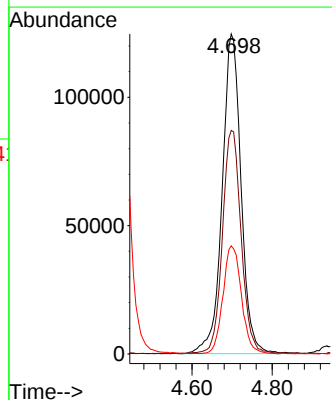
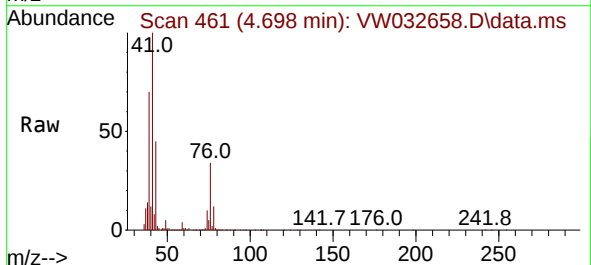
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

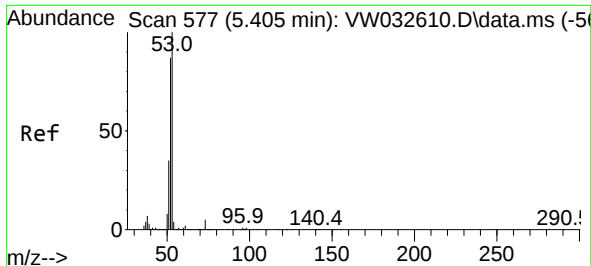
Tgt Ion: 56 Resp: 115909
Ion Ratio Lower Upper
56 100
55 67.8 56.0 84.0



#14
Allyl chloride
Concen: 51.822 ug/l
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 41 Resp: 406708
Ion Ratio Lower Upper
41 100
39 69.4 54.2 81.2
76 33.0 26.3 39.5

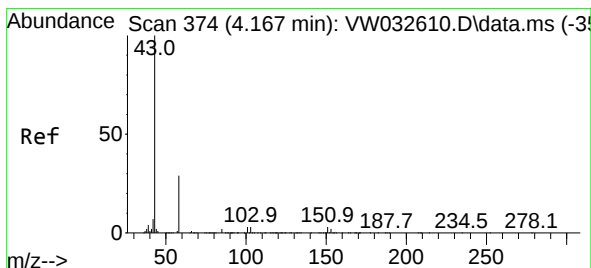
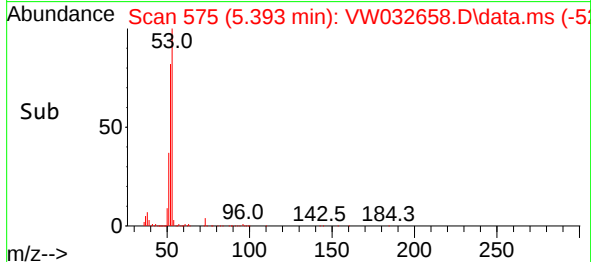
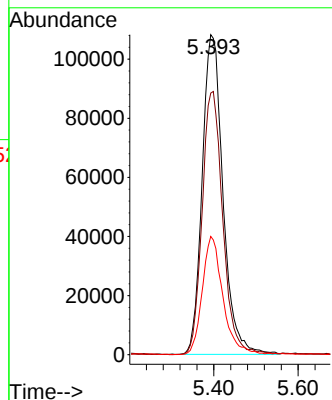
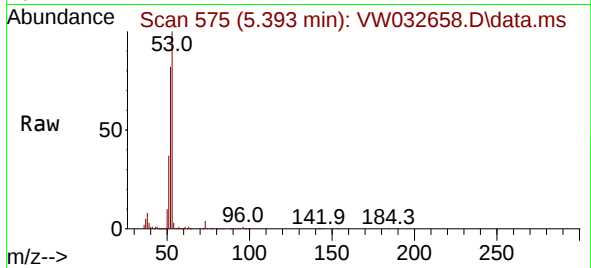




#15
Acrylonitrile
Concen: 258.607 ug/l
RT: 5.393 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

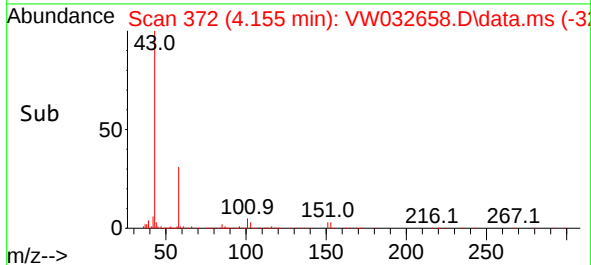
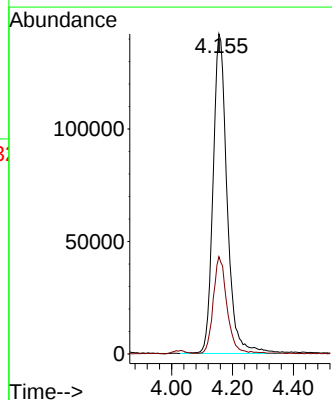
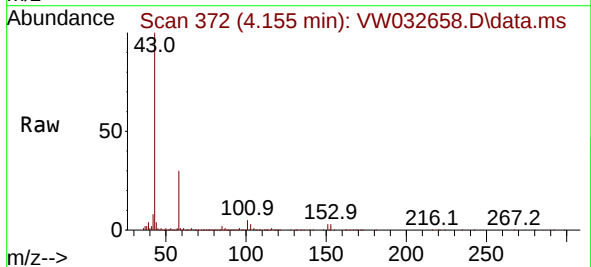
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

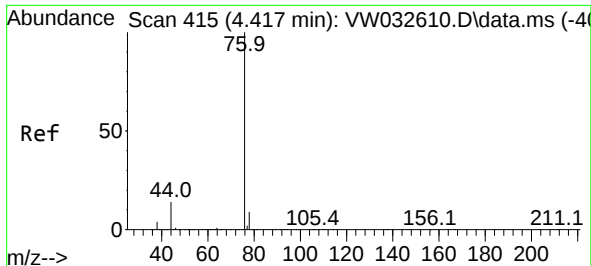
Tgt Ion: 53 Resp: 372057
Ion Ratio Lower Upper
53 100
52 81.6 66.7 100.1
51 36.9 29.8 44.6



#16
Acetone
Concen: 256.409 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 43 Resp: 455834
Ion Ratio Lower Upper
43 100
58 30.3 23.9 35.9

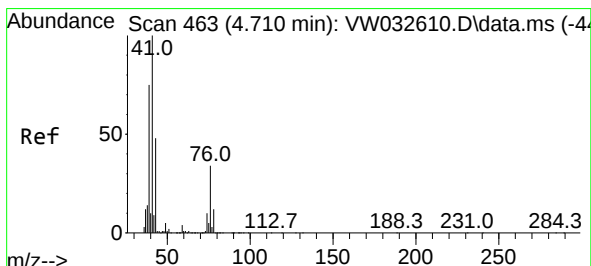
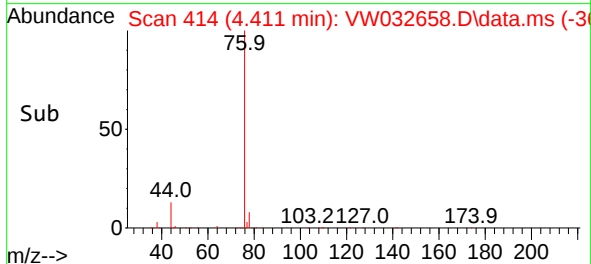
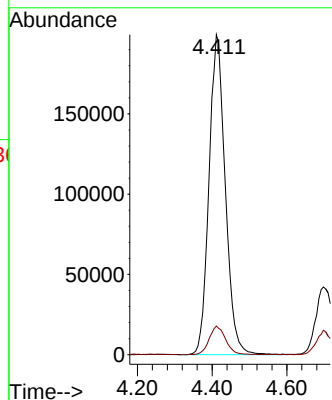
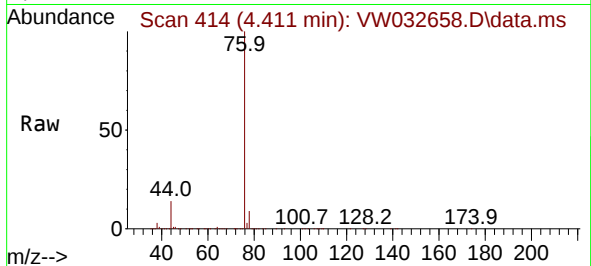




#17
Carbon Disulfide
Concen: 49.611 ug/l
RT: 4.411 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

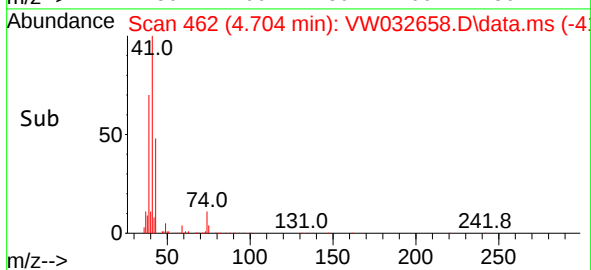
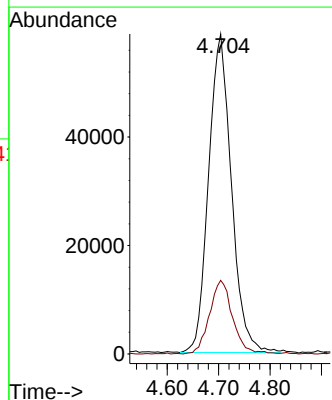
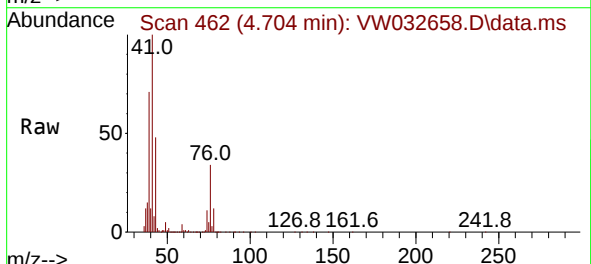
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

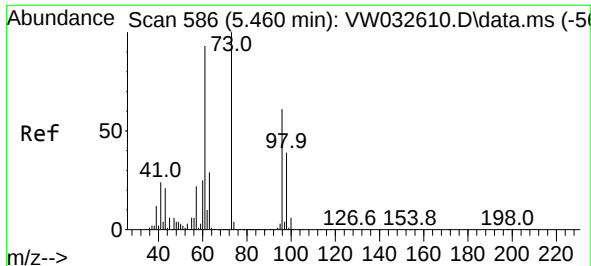
Tgt Ion: 76 Resp: 602239
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 53.203 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 43 Resp: 181317
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4

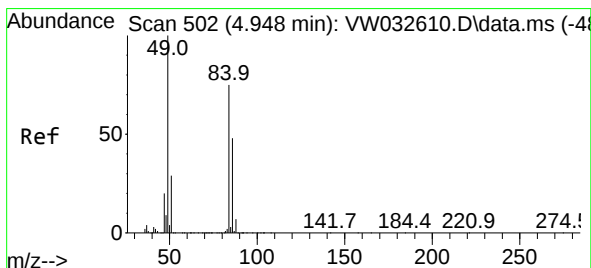
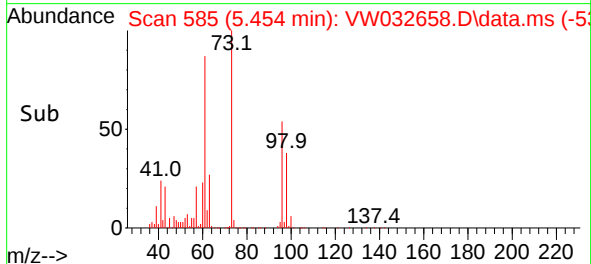
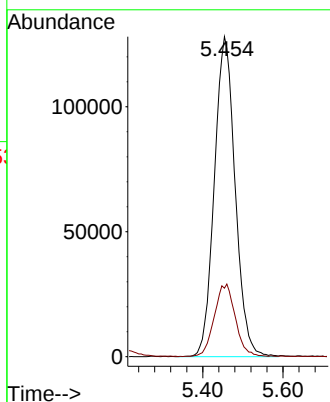
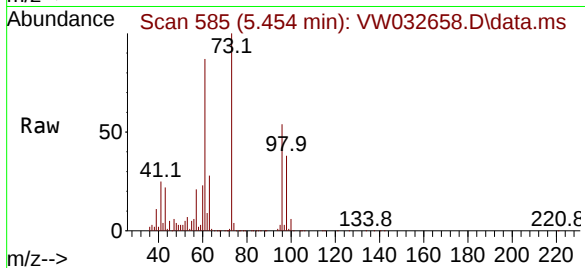




#19
Methyl tert-butyl Ether
Concen: 52.357 ug/l
RT: 5.454 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

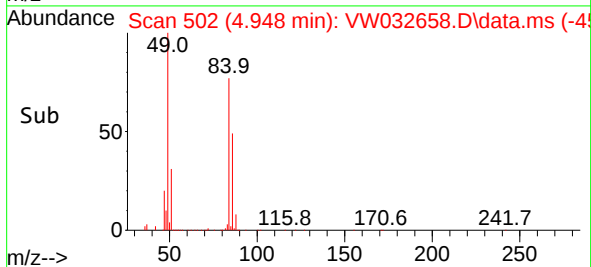
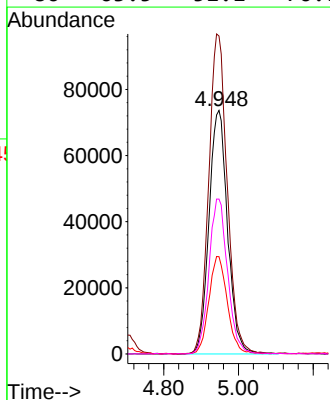
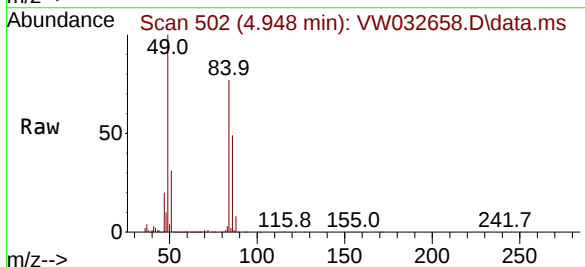
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

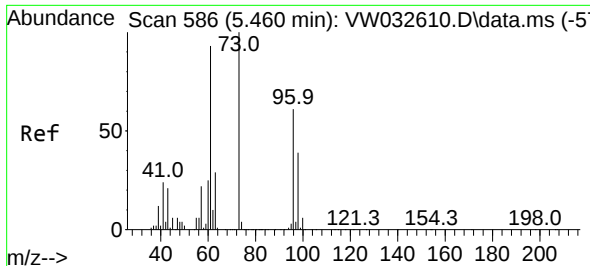
Tgt Ion: 73 Resp: 461442
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 52.919 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 84 Resp: 254629
Ion Ratio Lower Upper
84 100
49 130.5 106.9 160.3
51 39.9 31.4 47.2
86 63.5 51.1 76.7

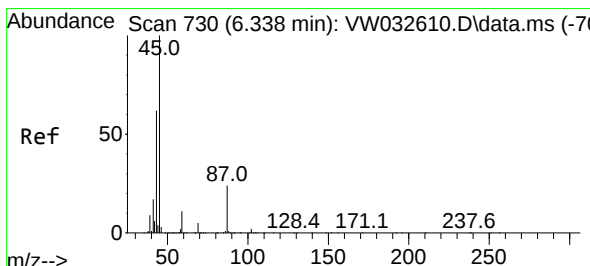
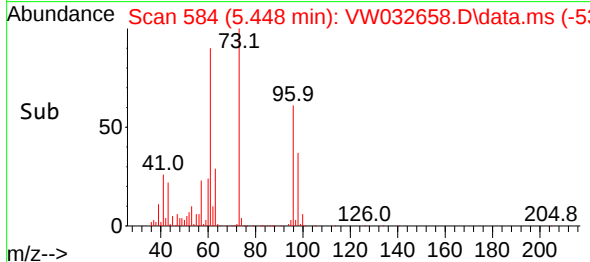
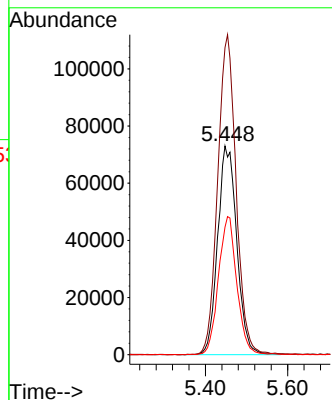
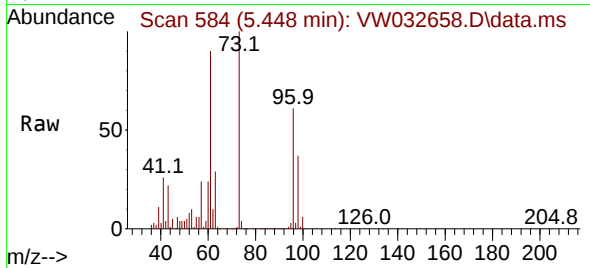




#21
trans-1,2-Dichloroethene
Concen: 50.600 ug/l
RT: 5.448 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

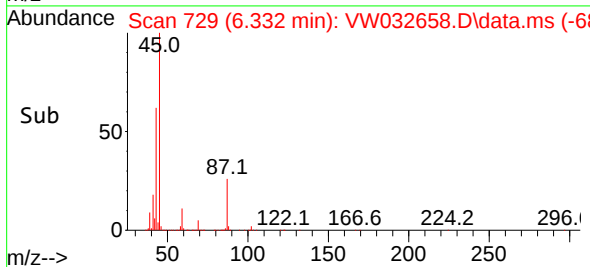
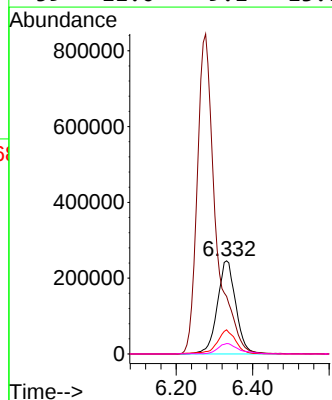
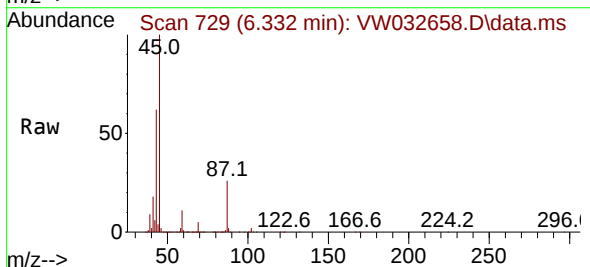
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

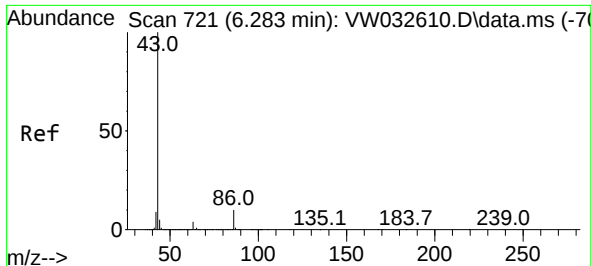
Tgt Ion: 96 Resp: 236229
Ion Ratio Lower Upper
96 100
61 147.3 121.7 182.5
98 61.2 50.6 76.0



#22
Diisopropyl ether
Concen: 52.039 ug/l
RT: 6.332 min Scan# 729
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 45 Resp: 822750
Ion Ratio Lower Upper
45 100
43 61.6 49.1 73.7
87 25.9 19.7 29.5
59 11.0 9.1 13.7

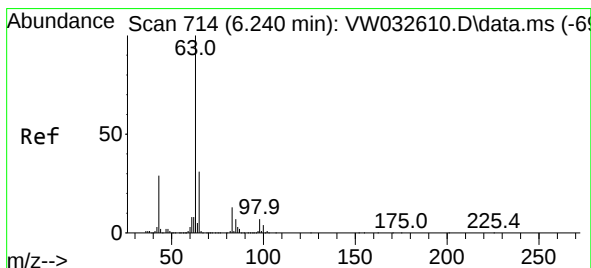
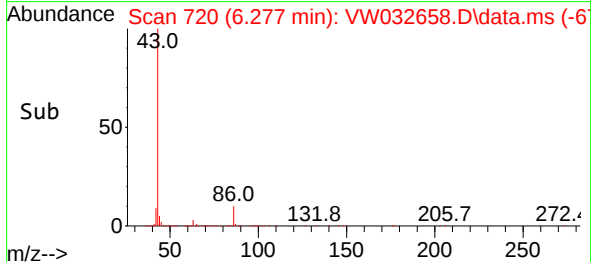
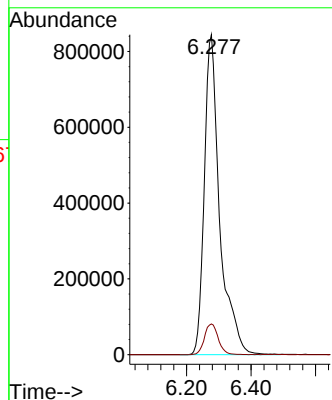
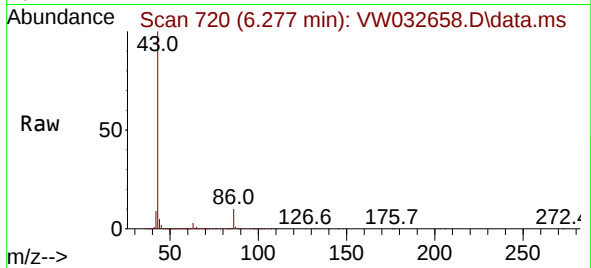




#23
 Vinyl Acetate
 Concen: 266.214 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032658.D
 Acq: 16 Dec 2025 16:00

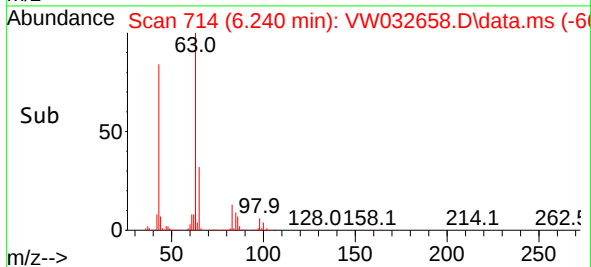
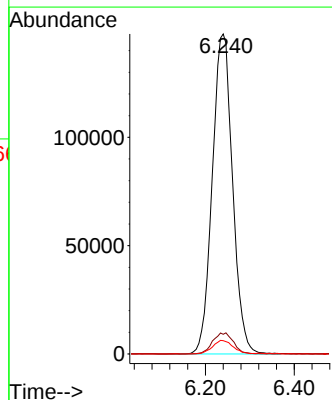
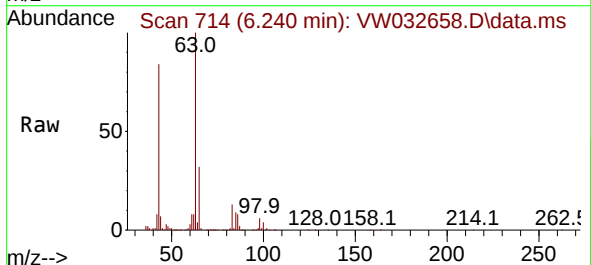
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

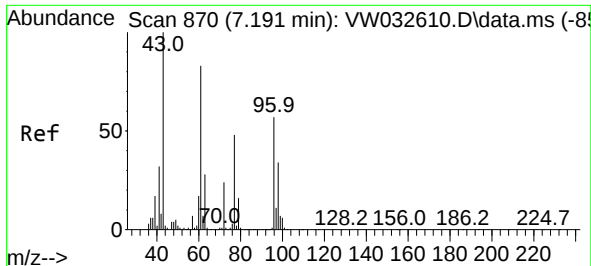
Tgt Ion: 43 Resp: 2795027
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 50.934 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032658.D
 Acq: 16 Dec 2025 16:00

Tgt Ion: 63 Resp: 467384
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.2 2.1 6.5

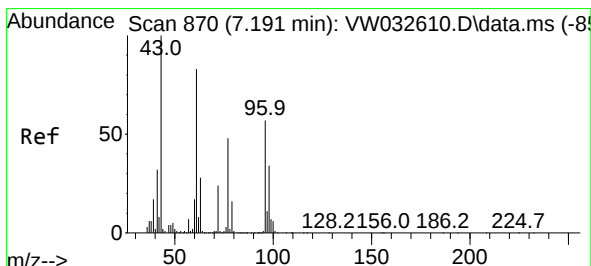
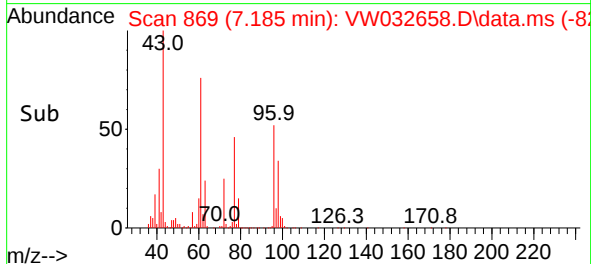
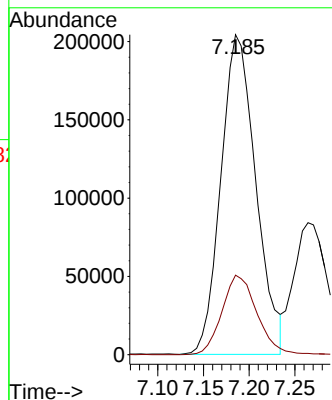
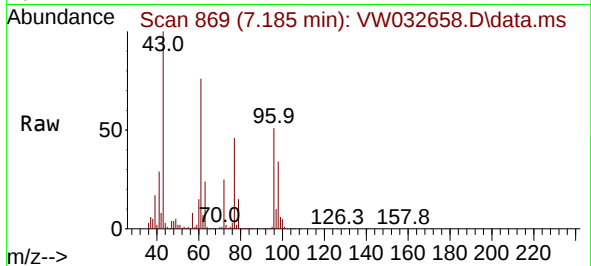




#25
2-Butanone
Concen: 268.865 ug/l
RT: 7.185 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

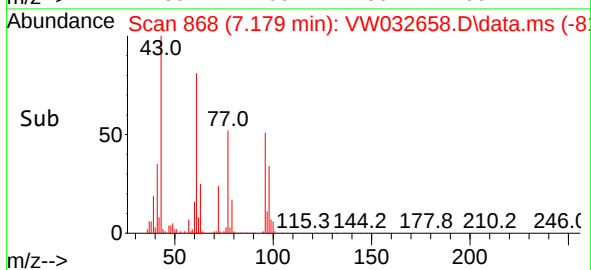
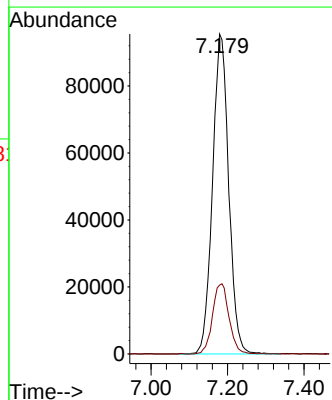
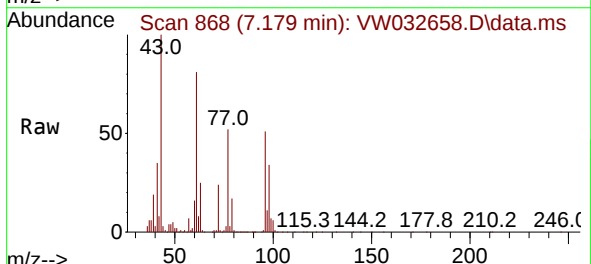
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

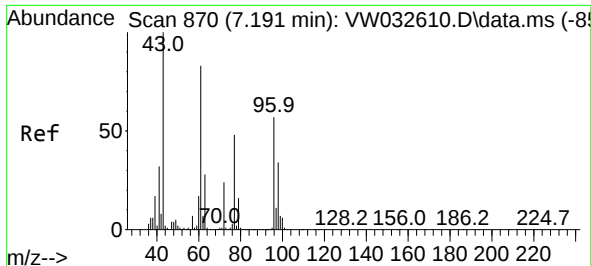
Tgt Ion: 43 Resp: 543307
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.0



#26
2,2-Dichloropropane
Concen: 50.954 ug/l
RT: 7.179 min Scan# 868
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 77 Resp: 279890
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.9

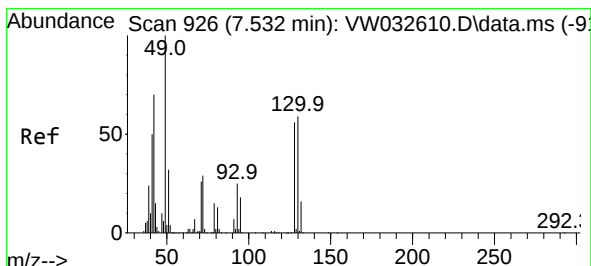
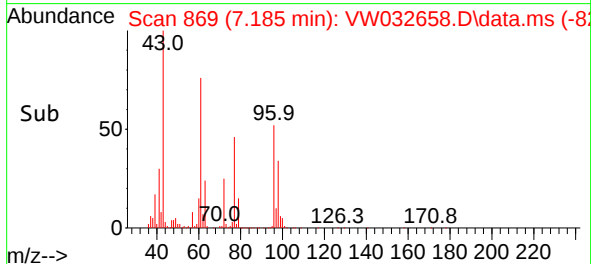
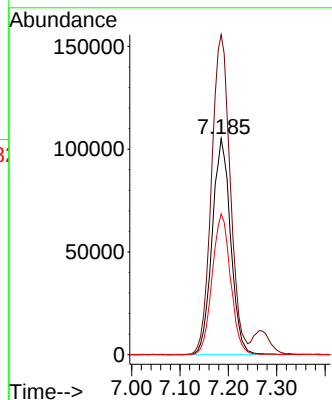
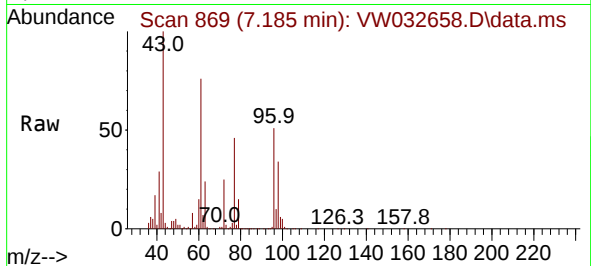




#27
 cis-1,2-Dichloroethene
 Concen: 51.119 ug/l
 RT: 7.185 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW032658.D
 Acq: 16 Dec 2025 16:00

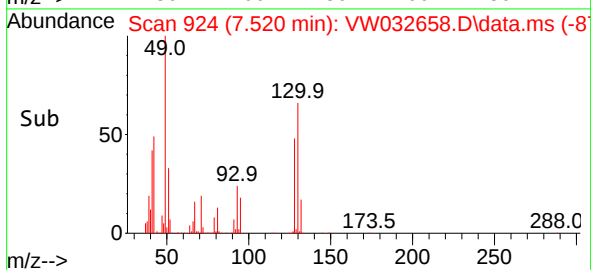
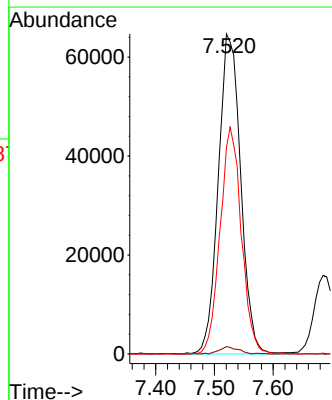
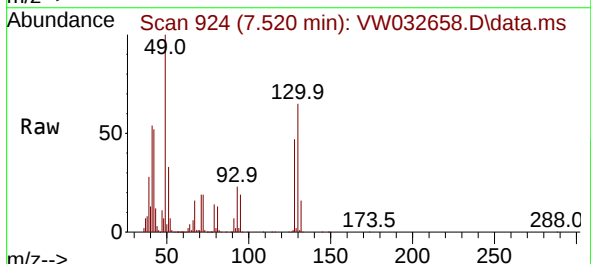
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

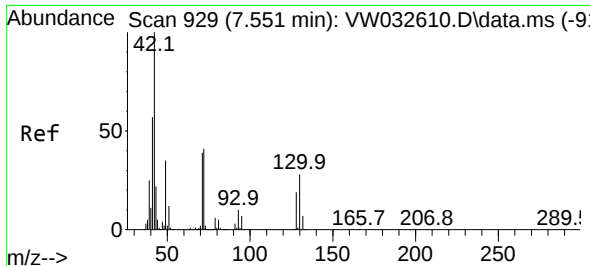
Tgt Ion: 96 Resp: 278966
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 295.8
 98 64.9 0.0 127.2



#28
 Bromochloromethane
 Concen: 49.294 ug/l
 RT: 7.520 min Scan# 924
 Delta R.T. 0.000 min
 Lab File: VW032658.D
 Acq: 16 Dec 2025 16:00

Tgt Ion: 49 Resp: 171175
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 67.4 53.3 79.9





#29

Tetrahydrofuran

Concen: 264.275 ug/l

RT: 7.545 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

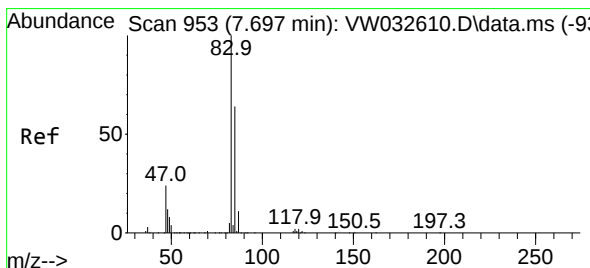
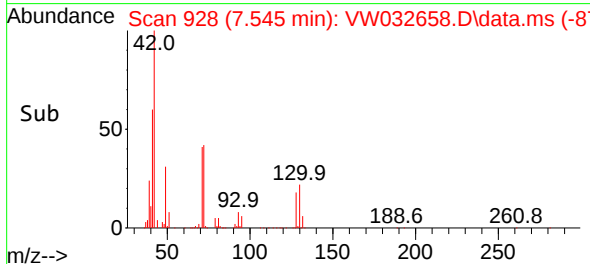
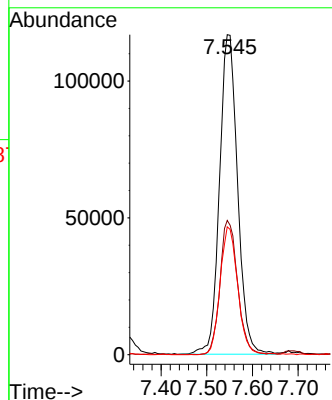
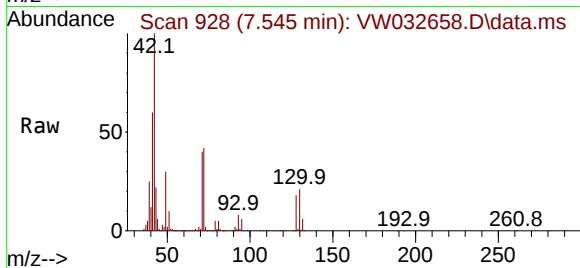
Tgt Ion: 42 Resp: 321640

Ion Ratio Lower Upper

42 100

72 40.7 33.2 49.8

71 39.0 30.7 46.1



#30

Chloroform

Concen: 50.696 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032658.D

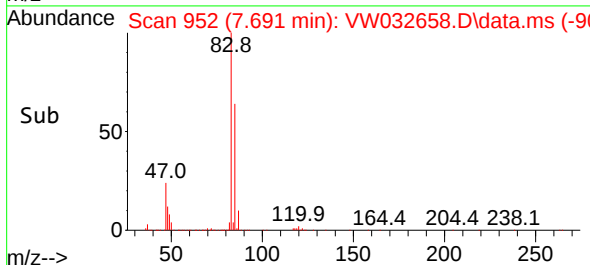
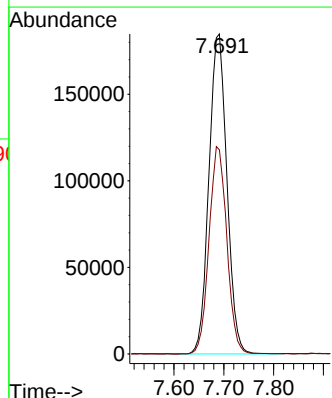
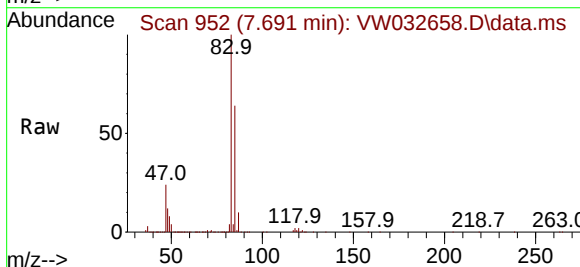
Acq: 16 Dec 2025 16:00

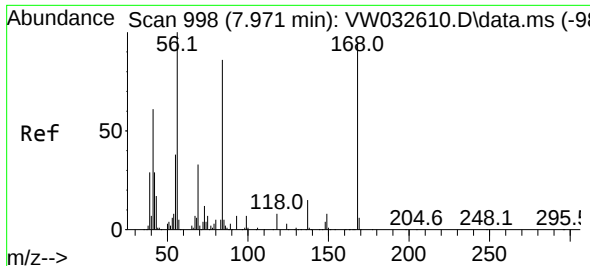
Tgt Ion: 83 Resp: 463011

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.2

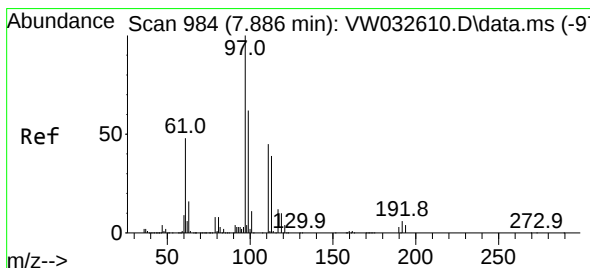
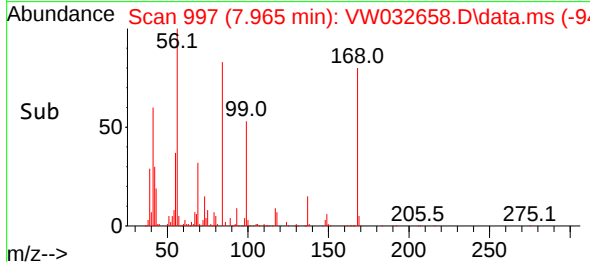
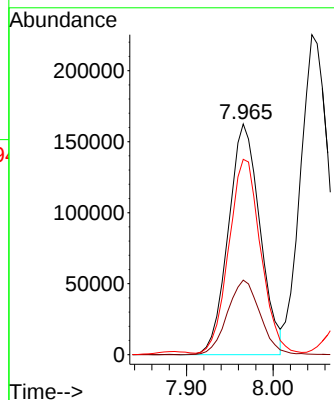
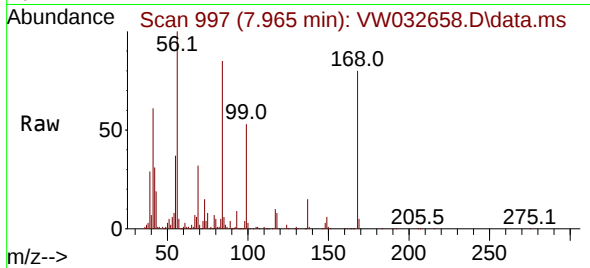




#31
Cyclohexane
Concen: 48.564 ug/l
RT: 7.965 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

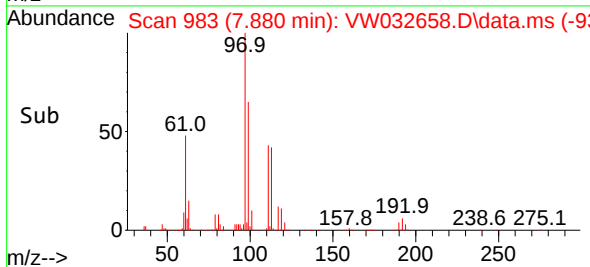
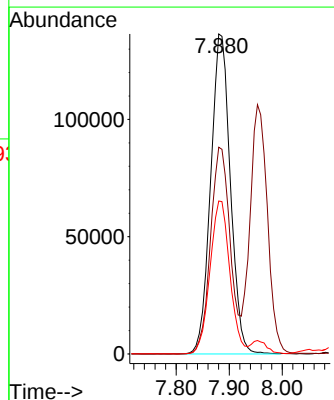
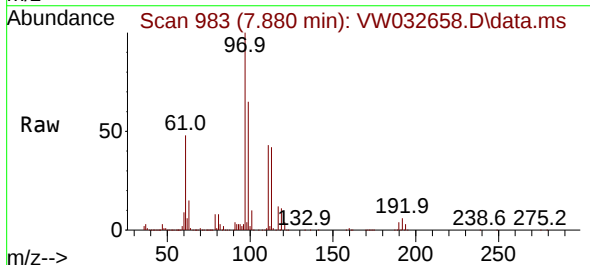
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

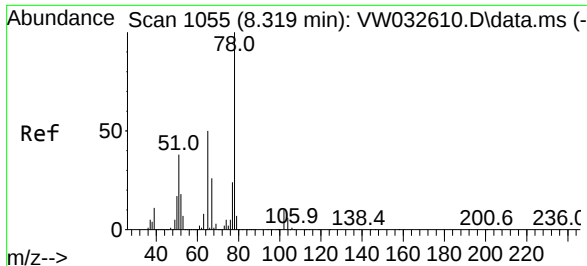
Tgt Ion: 56 Resp: 413130
Ion Ratio Lower Upper
56 100
69 32.3 26.2 39.2
84 83.5 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 50.621 ug/l
RT: 7.880 min Scan# 983
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 97 Resp: 352111
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 48.5 37.8 56.8

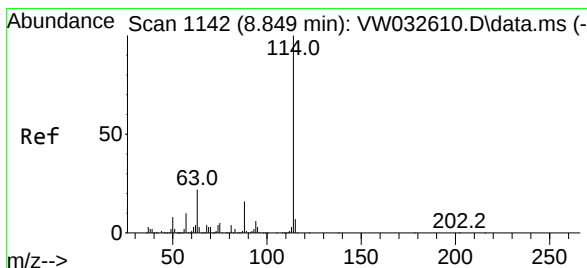
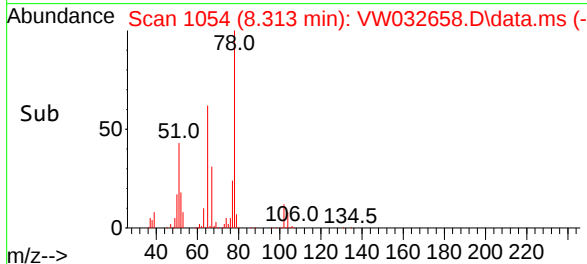
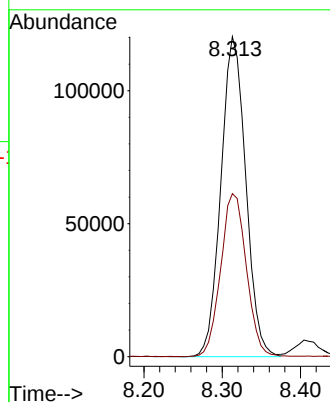
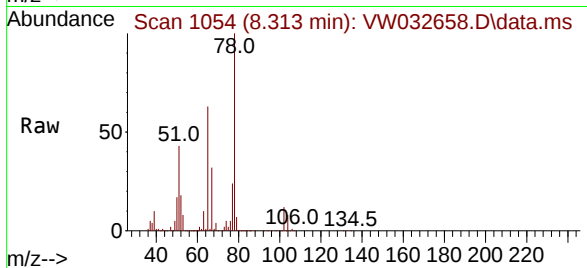




#33
 1,2-Dichloroethane-d4
 Concen: 51.288 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032658.D
 Acq: 16 Dec 2025 16:00

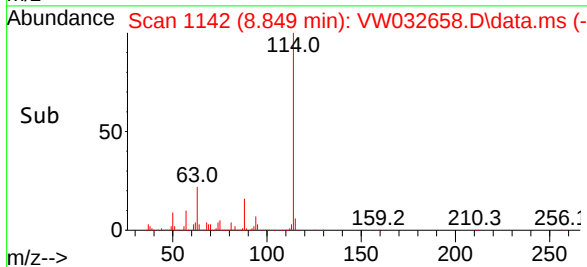
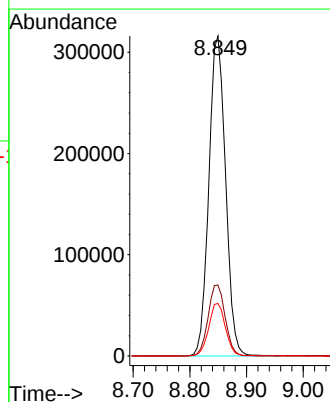
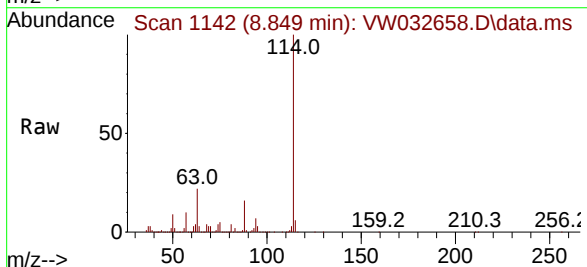
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

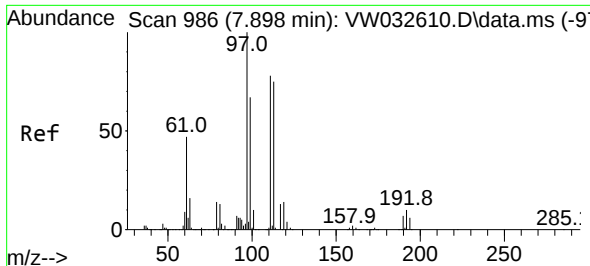
Tgt Ion: 65 Resp: 265453
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032658.D
 Acq: 16 Dec 2025 16:00

Tgt Ion: 114 Resp: 646647
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.6
 88 16.4 0.0 31.8

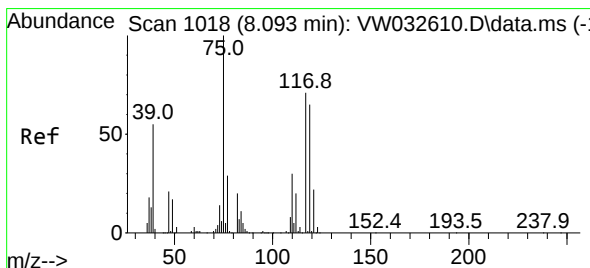
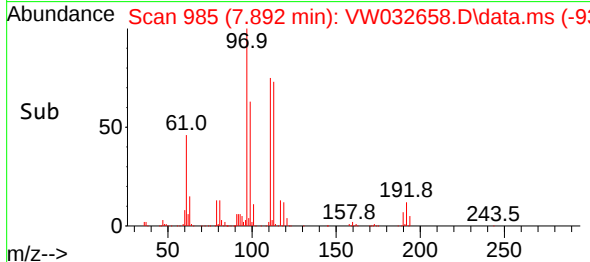
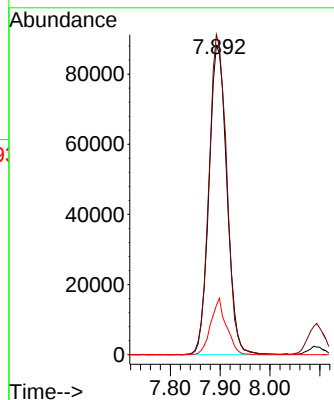
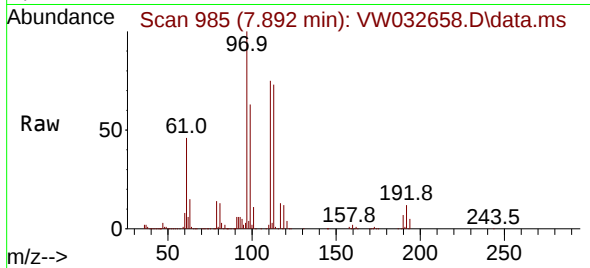




#35
Dibromofluoromethane
Concen: 52.245 ug/l
RT: 7.892 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

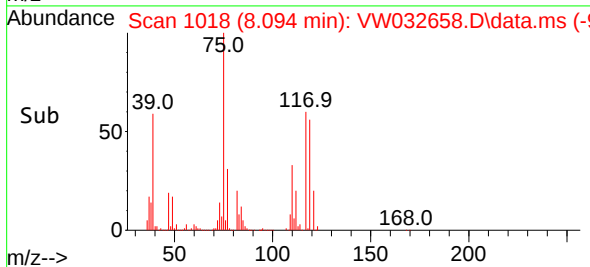
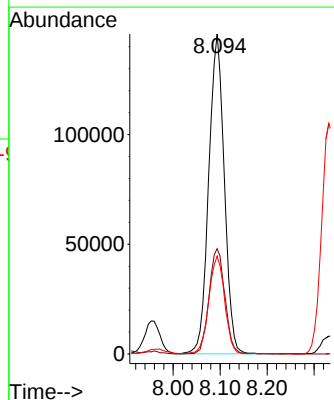
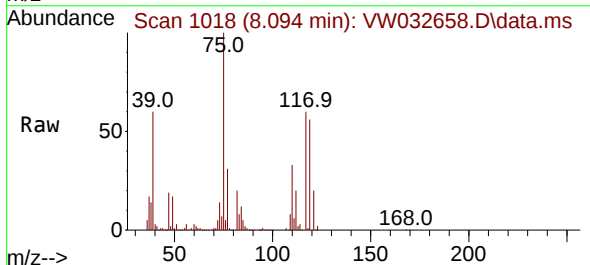
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

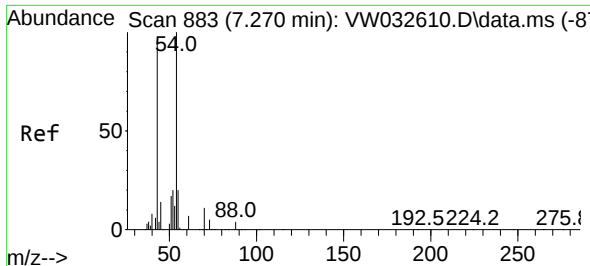
Tgt Ion:113 Resp: 219541
Ion Ratio Lower Upper
113 100
111 102.8 85.2 127.8
192 15.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 51.232 ug/l
RT: 8.094 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 75 Resp: 333404
Ion Ratio Lower Upper
75 100
110 33.4 16.3 48.9
77 31.1 24.6 37.0

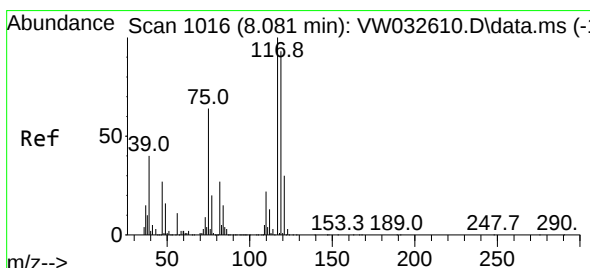
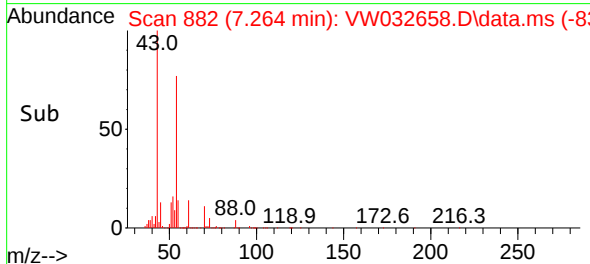
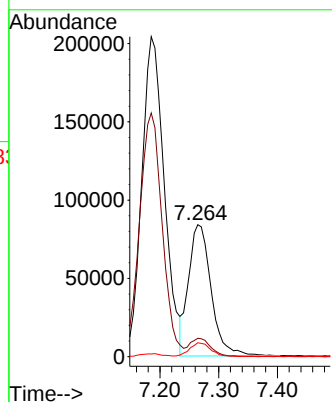
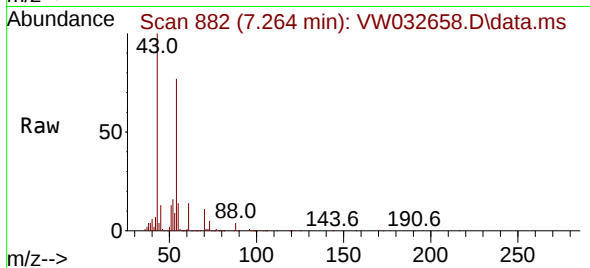




#37
Ethyl Acetate
Concen: 51.939 ug/l
RT: 7.264 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

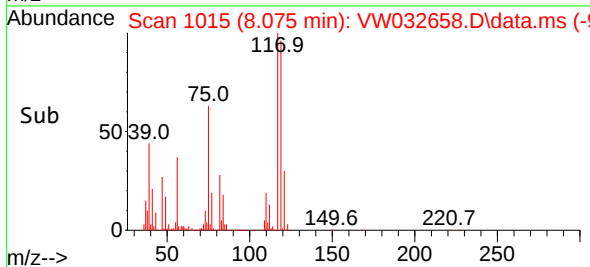
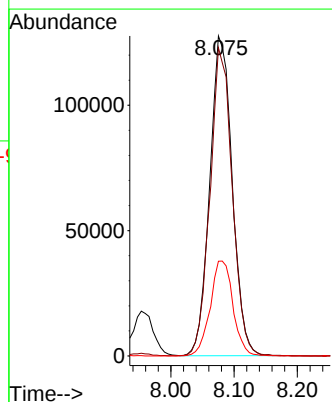
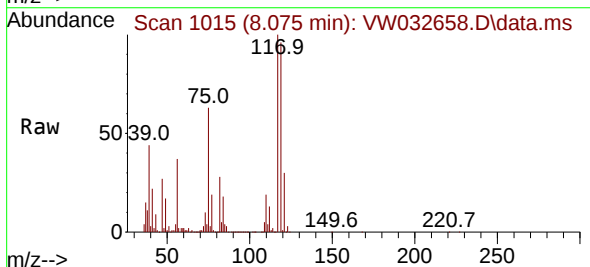
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

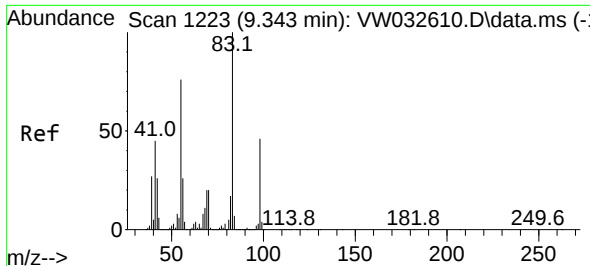
Tgt Ion: 43 Resp: 224471
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.061 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 117 Resp: 314551
Ion Ratio Lower Upper
117 100
119 96.3 74.3 111.5
121 29.6 23.6 35.4

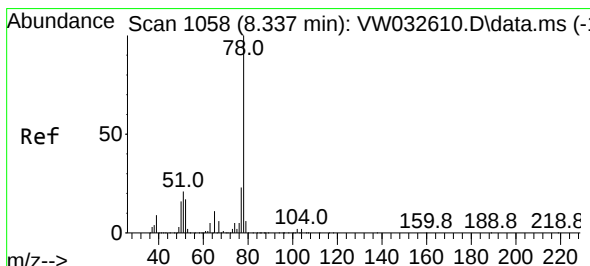
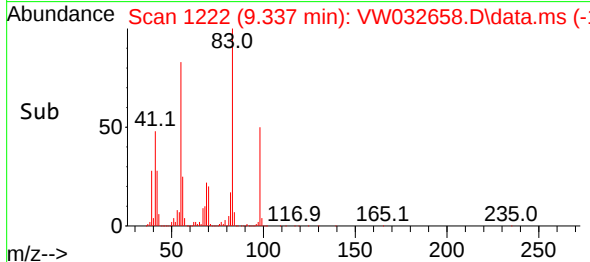
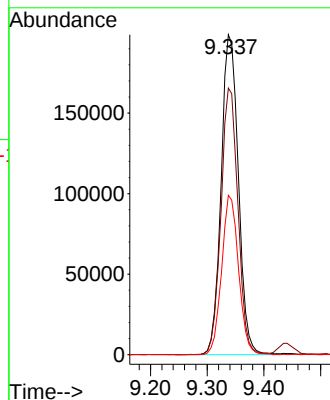
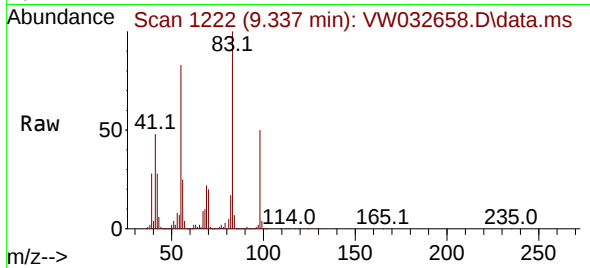




#39
Methylcyclohexane
Concen: 51.532 ug/l
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

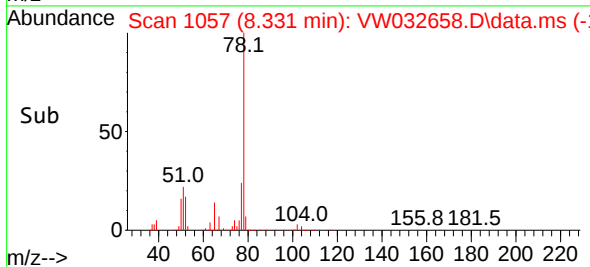
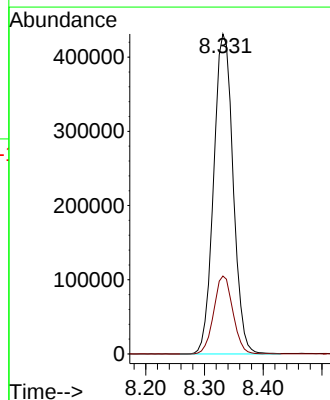
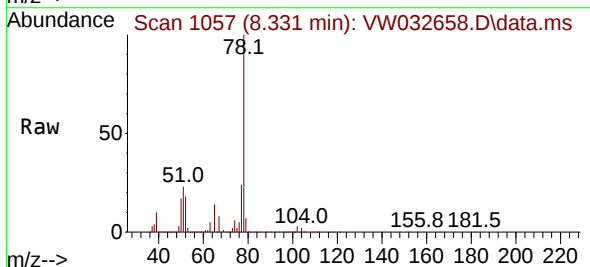
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

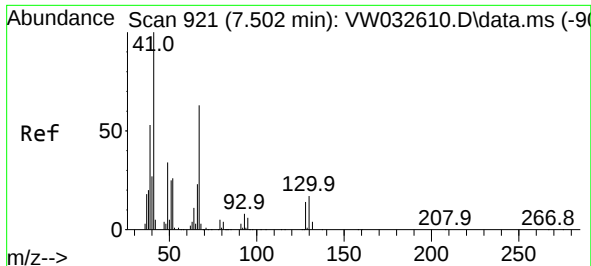
Tgt Ion:	83	Resp:	419963
Ion	Ratio	Lower	Upper
83	100		
55	83.3	61.2	91.8
98	49.8	37.0	55.4



#40
Benzene
Concen: 50.724 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion:	78	Resp:	991547
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.6	28.0



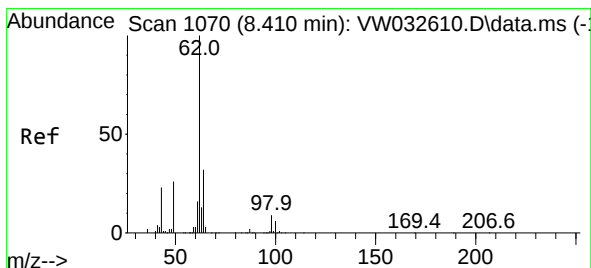
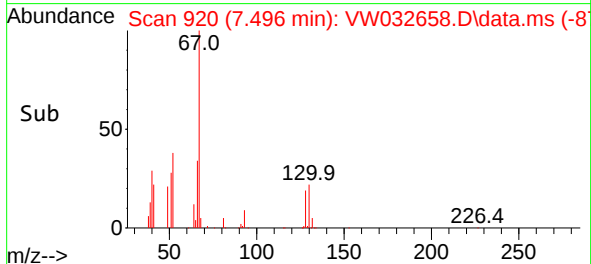
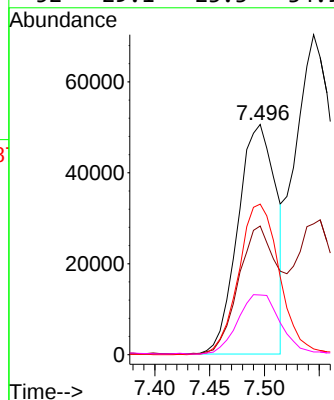
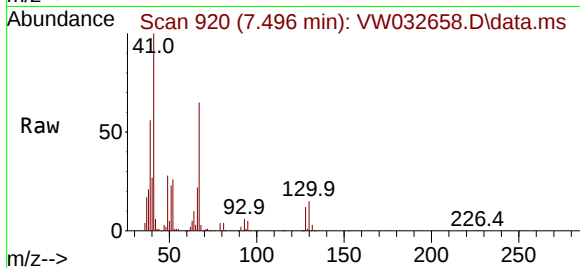


#41
Methacrylonitrile
Concen: 51.051 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 122304

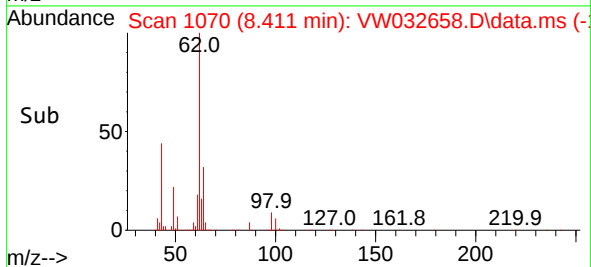
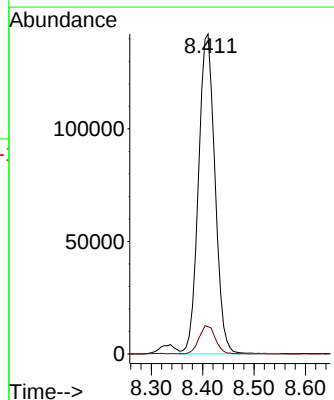
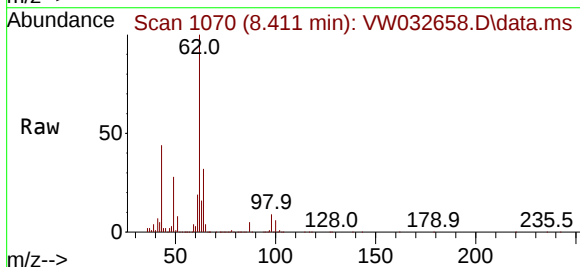
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.3	70.9
67	70.6	55.9	83.9
52	29.1	23.3	34.9

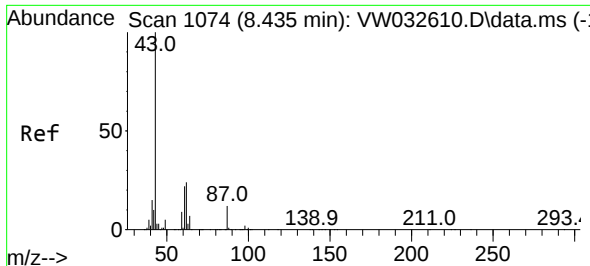


#42
1,2-Dichloroethane
Concen: 51.203 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 62 Resp: 316711

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8

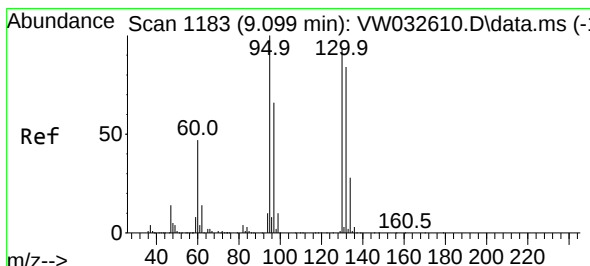
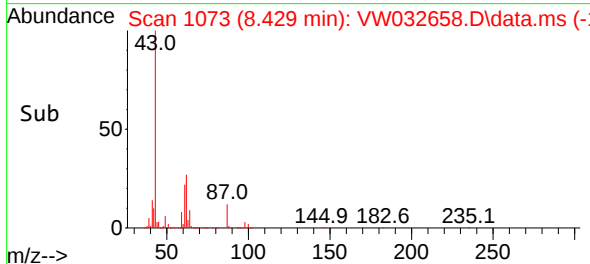
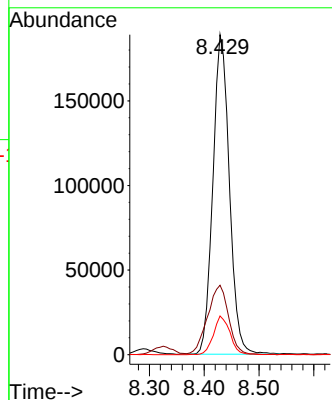
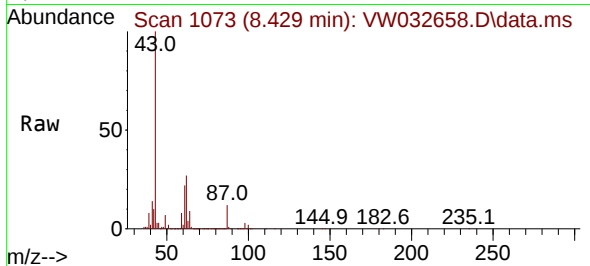




#43
Isopropyl Acetate
Concen: 52.466 ug/l
RT: 8.429 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

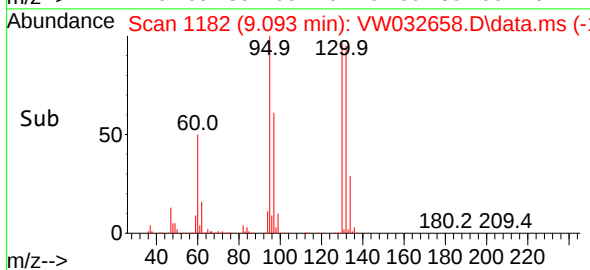
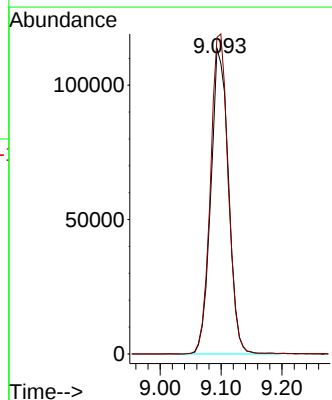
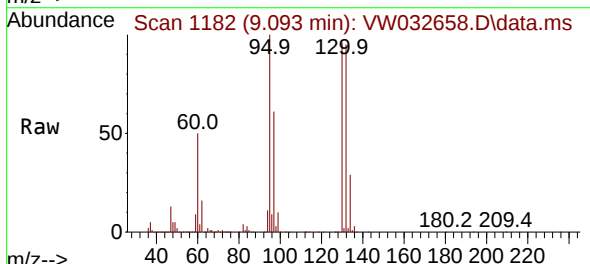
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

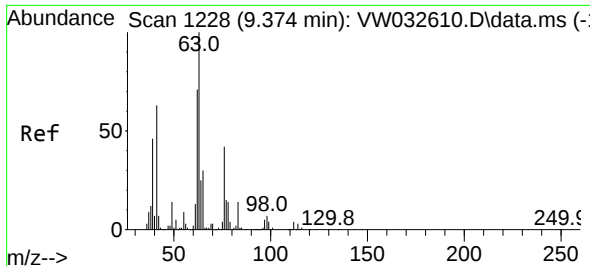
Tgt Ion: 43 Resp: 394749
Ion Ratio Lower Upper
43 100
61 27.9 22.7 34.1
87 12.1 9.6 14.4



#44
Trichloroethene
Concen: 50.602 ug/l
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion:130 Resp: 228777
Ion Ratio Lower Upper
130 100
95 103.7 0.0 215.6





#45

1,2-Dichloropropane

Concen: 50.956 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

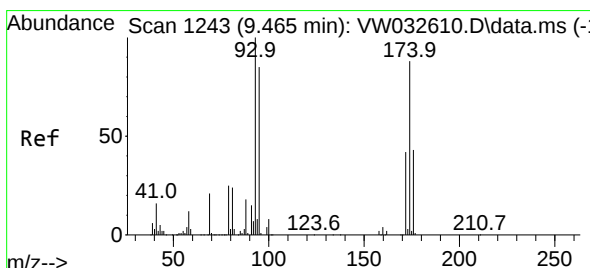
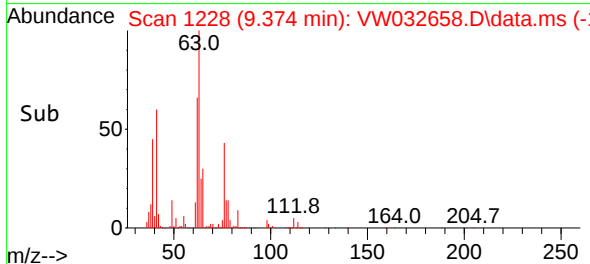
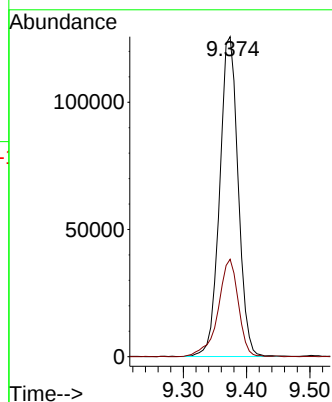
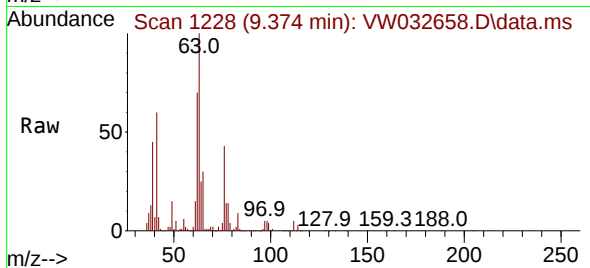
VSTDICCC050

Tgt Ion: 63 Resp: 254034

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.6



#46

Dibromomethane

Concen: 50.429 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

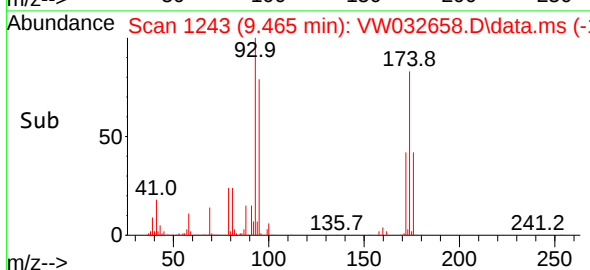
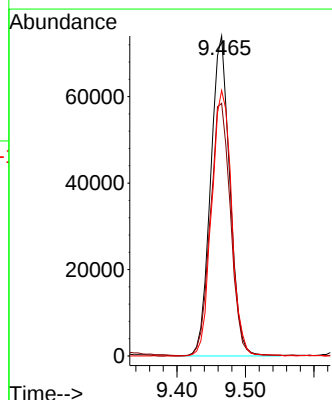
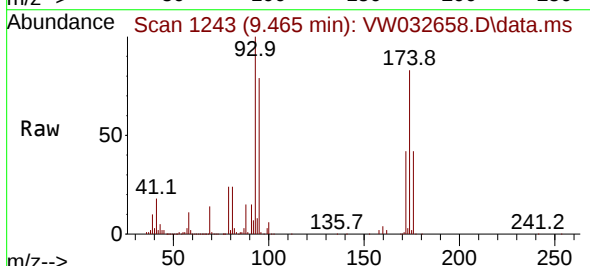
Tgt Ion: 93 Resp: 144627

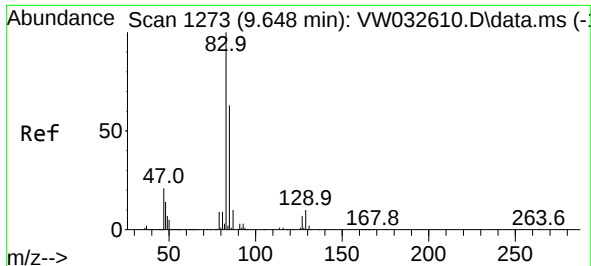
Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.4

174 85.7 67.6 101.4

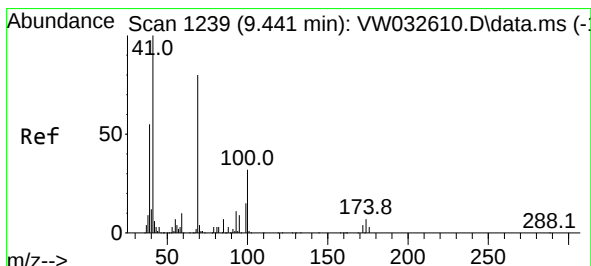
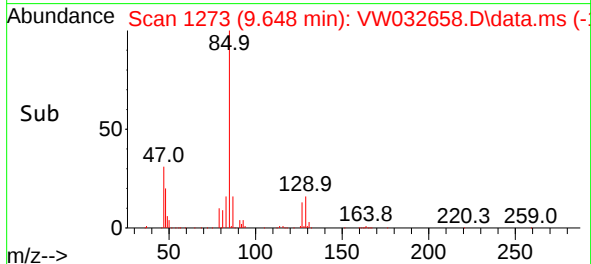
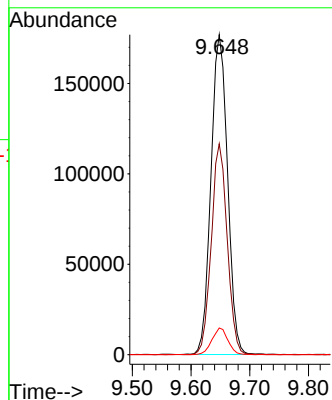
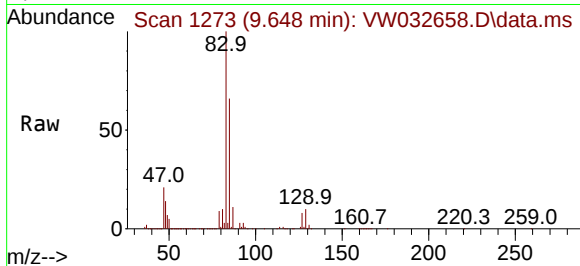




#47
Bromodichloromethane
Concen: 51.410 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

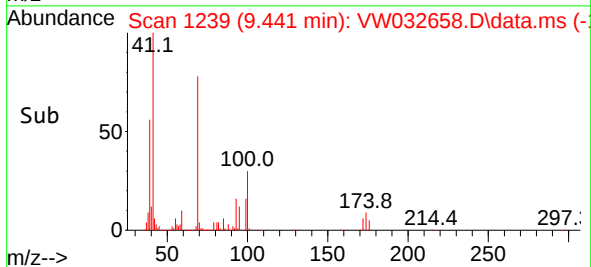
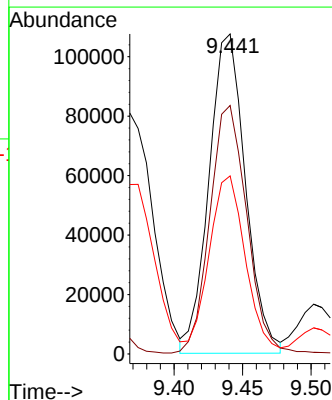
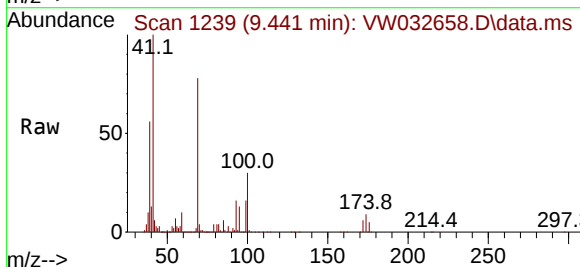
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

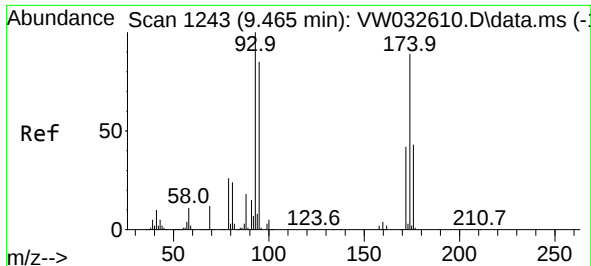
Tgt Ion: 83 Resp: 347490
Ion Ratio Lower Upper
83 100
85 65.9 50.7 76.1
127 8.3 6.0 9.0



#48
Methyl methacrylate
Concen: 55.022 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 41 Resp: 199307
Ion Ratio Lower Upper
41 100
69 79.3 67.9 101.9
39 51.7 43.8 65.8

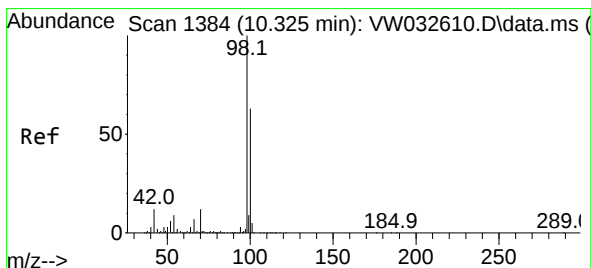
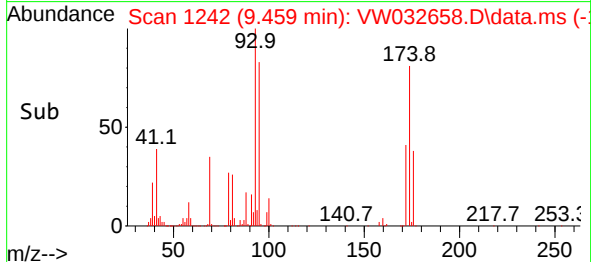
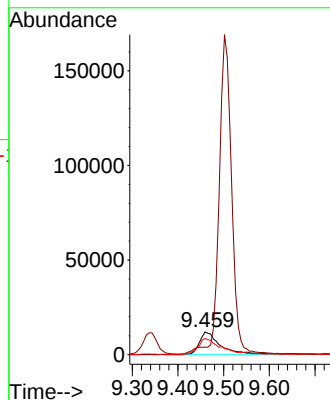
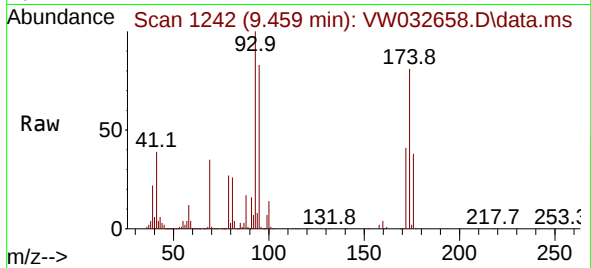




#49
1,4-Dioxane
Concen: 1077.658 ug/l
RT: 9.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

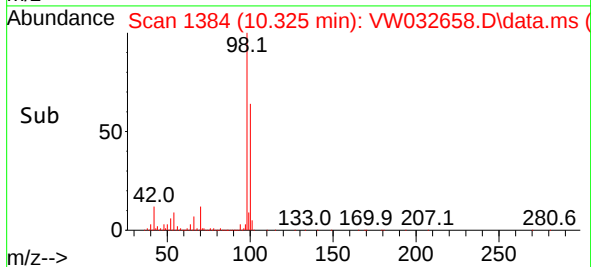
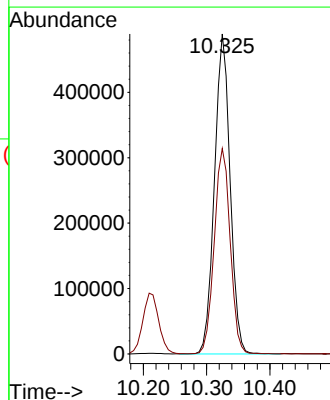
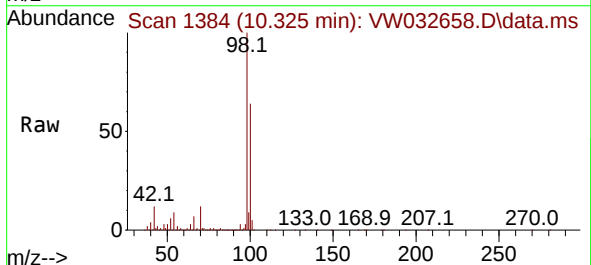
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

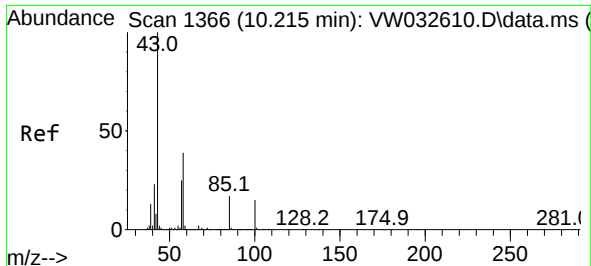
Tgt Ion: 88 Resp: 39213
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.7 63.8 95.8



#50
Toluene-d8
Concen: 52.814 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 98 Resp: 836304
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2

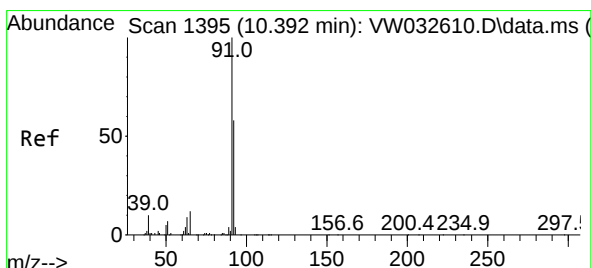
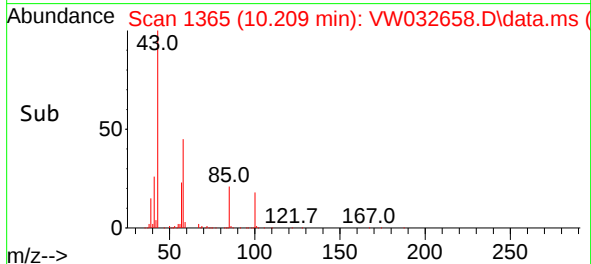
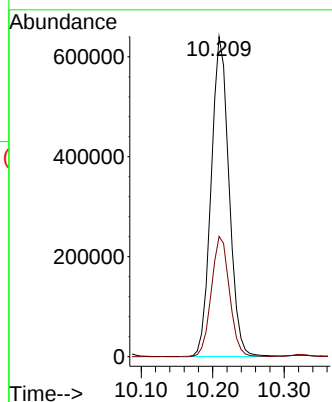
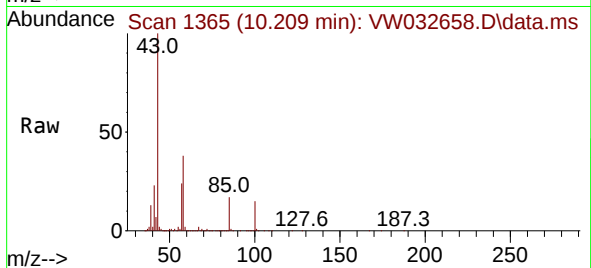




#51
4-Methyl-2-Pentanone
Concen: 262.644 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

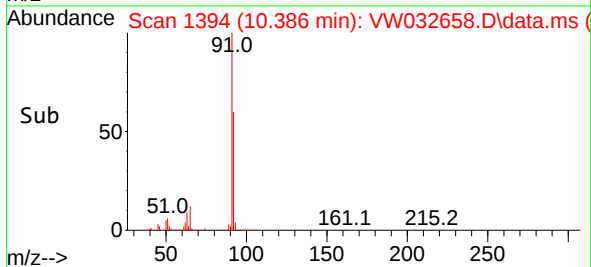
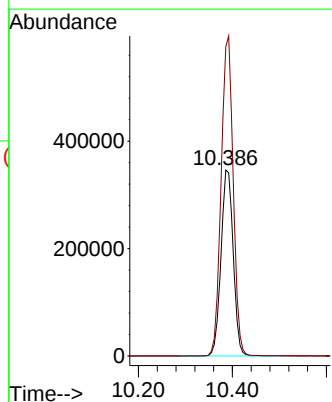
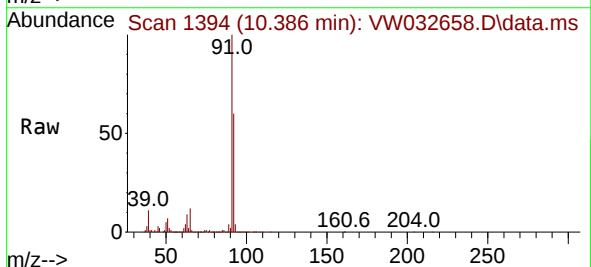
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

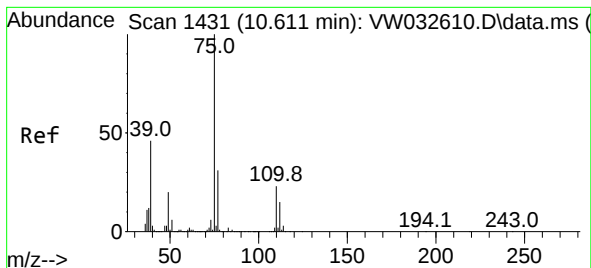
Tgt Ion: 43 Resp: 1109852
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8



#52
Toluene
Concen: 52.051 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 92 Resp: 626533
Ion Ratio Lower Upper
92 100
91 170.0 137.6 206.4

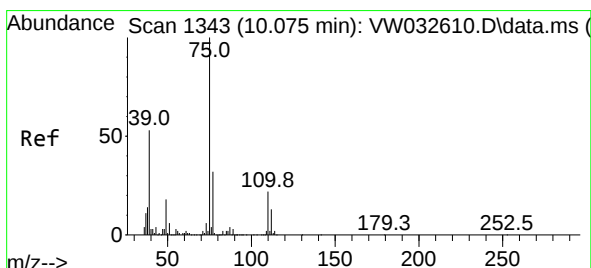
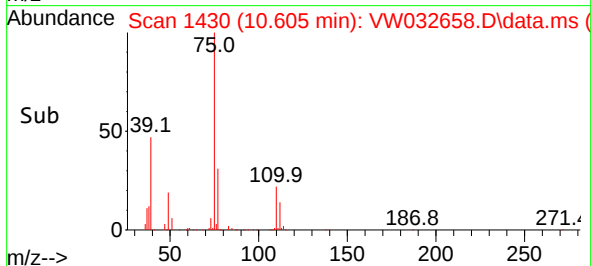
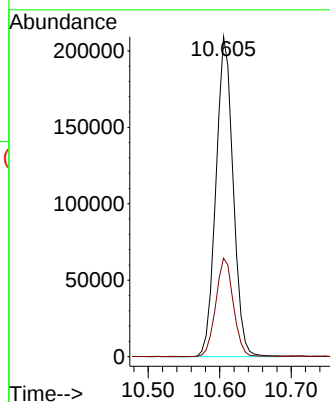
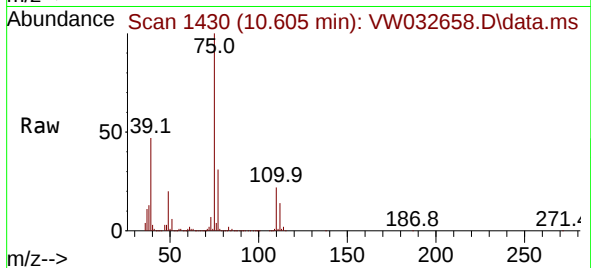




#53
t-1,3-Dichloropropene
Concen: 53.243 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

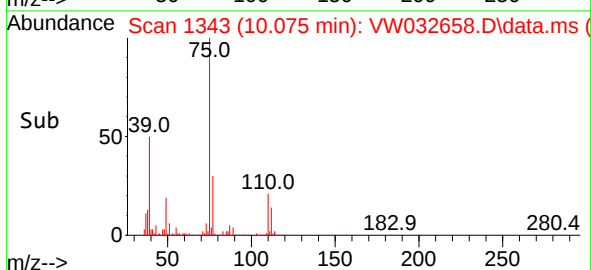
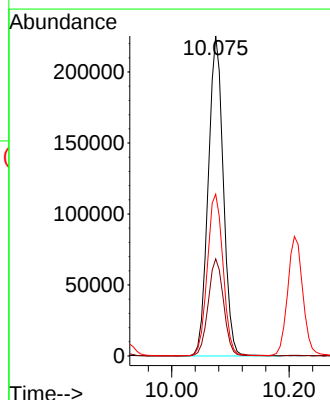
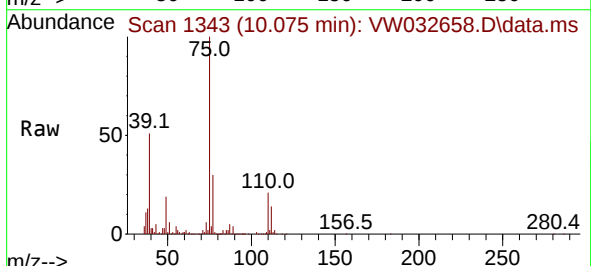
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

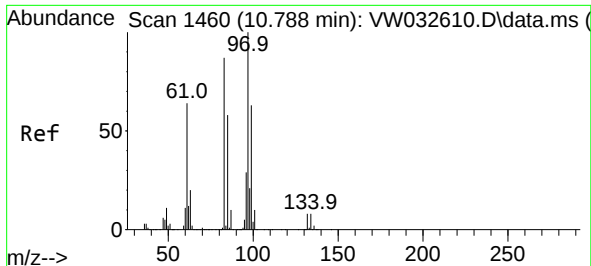
Tgt Ion: 75 Resp: 350150
Ion Ratio Lower Upper
75 100
77 30.8 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 52.570 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 75 Resp: 402082
Ion Ratio Lower Upper
75 100
77 30.3 26.0 39.0
39 50.4 42.5 63.7

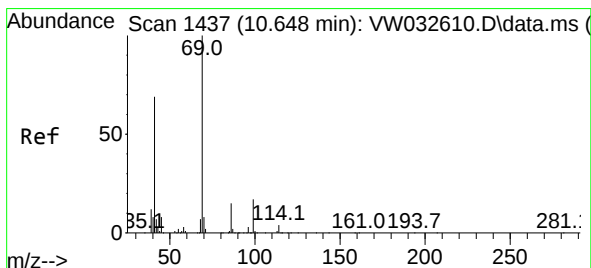
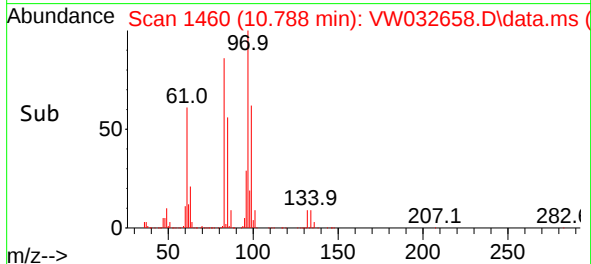
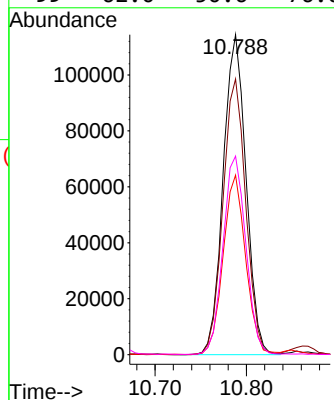
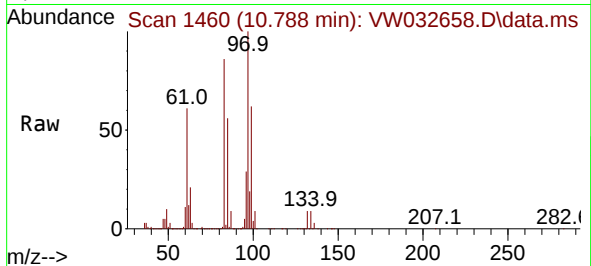




#55
1,1,2-Trichloroethane
Concen: 51.154 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

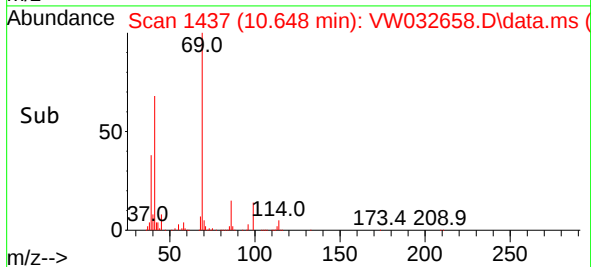
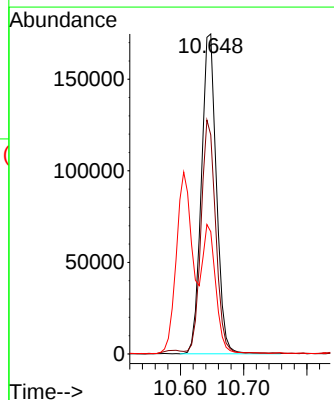
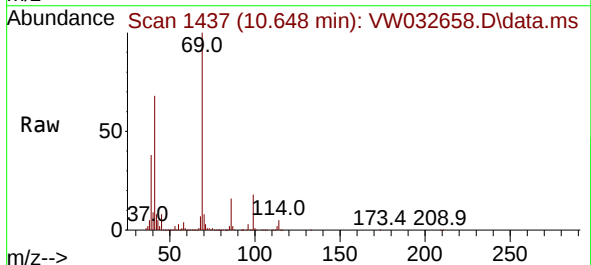
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

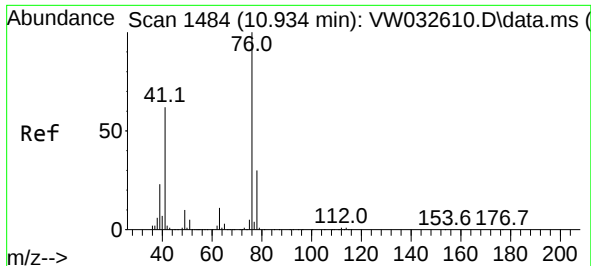
Tgt Ion:	97	Resp:	198902
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.3	103.9
85	56.0	46.1	69.1
99	62.0	50.6	76.0



#56
Ethyl methacrylate
Concen: 53.585 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion:	69	Resp:	289341
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.0	85.6
39	34.6	27.2	40.8





#57

1,3-Dichloropropane

Concen: 51.033 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

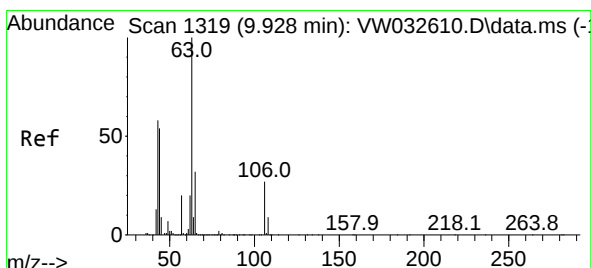
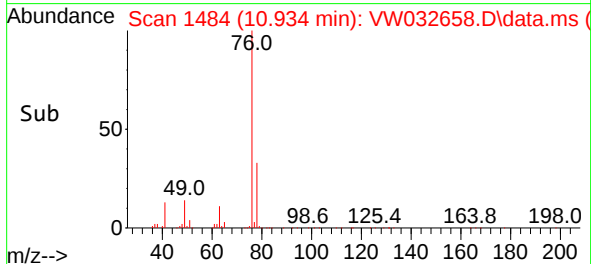
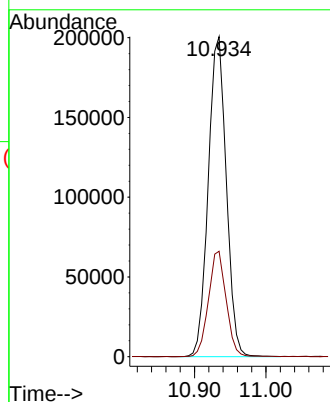
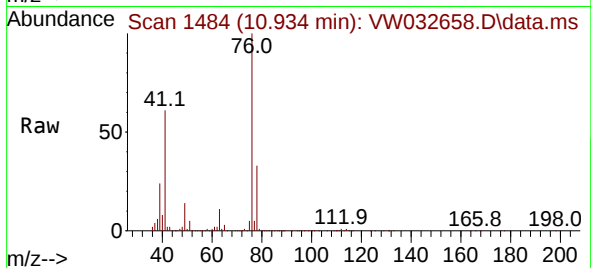
VSTDICCC050

Tgt Ion: 76 Resp: 351514

Ion Ratio Lower Upper

76 100

78 32.4 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.119 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032658.D

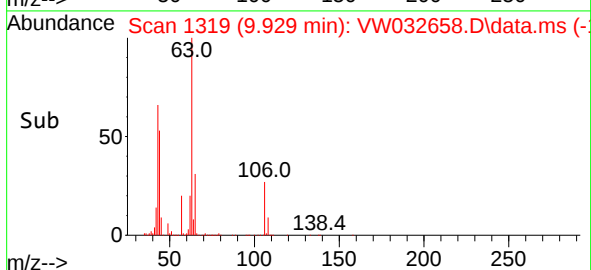
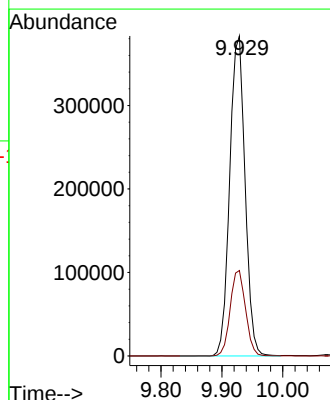
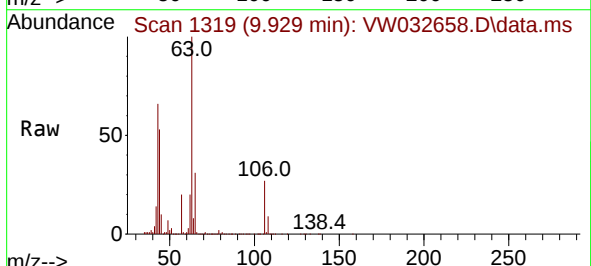
Acq: 16 Dec 2025 16:00

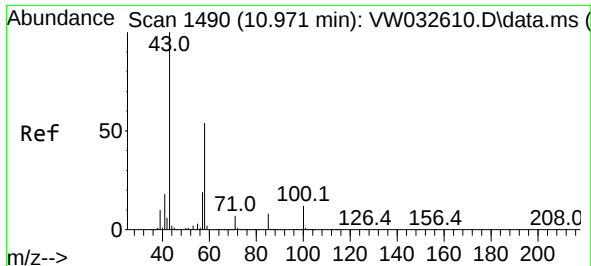
Tgt Ion: 63 Resp: 669027

Ion Ratio Lower Upper

63 100

106 26.7 21.3 31.9

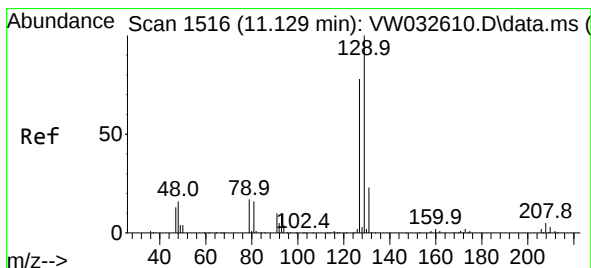
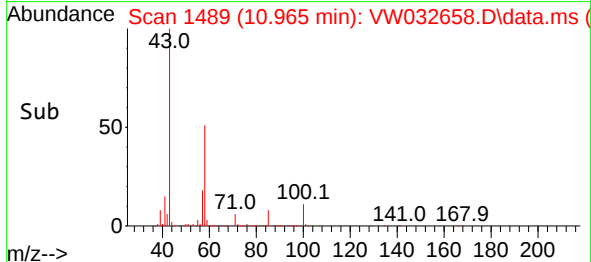
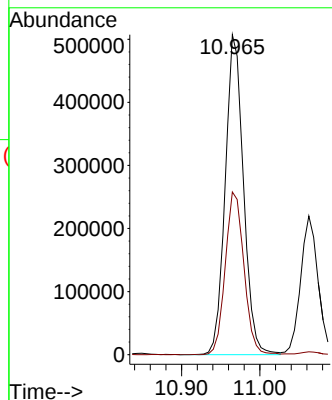
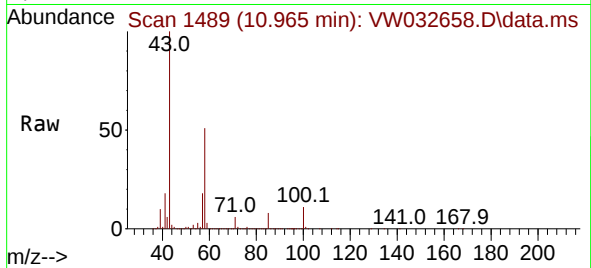




#59
2-Hexanone
Concen: 269.925 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

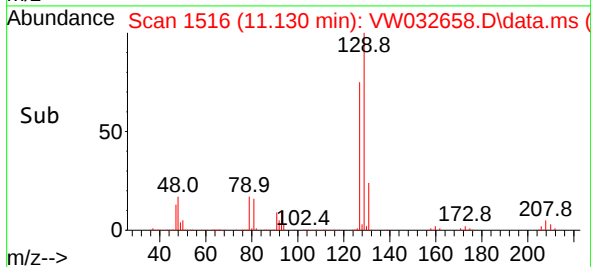
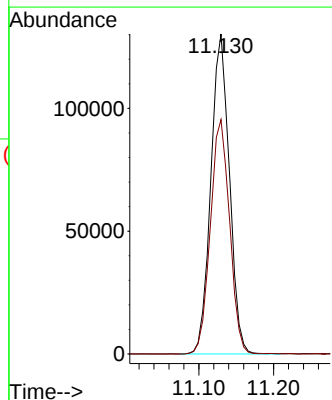
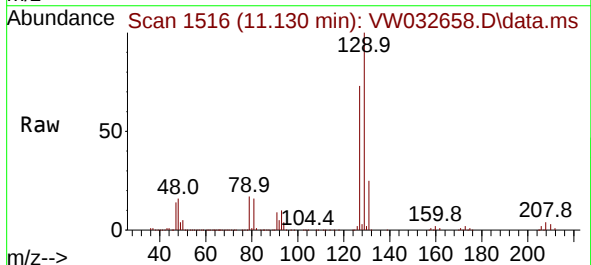
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

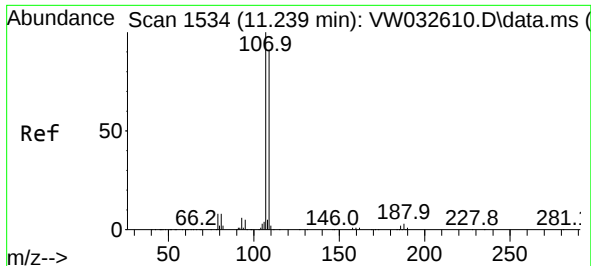
Tgt Ion: 43 Resp: 821693
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 52.111 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 129 Resp: 224531
Ion Ratio Lower Upper
129 100
127 75.8 37.2 111.6

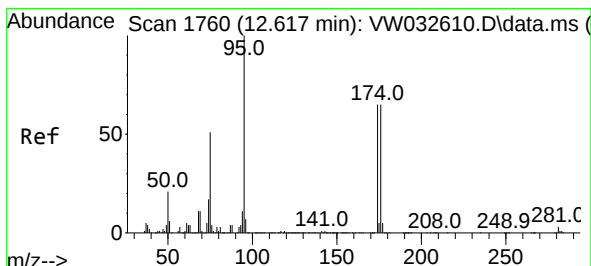
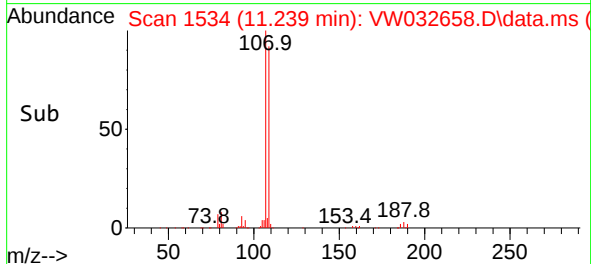
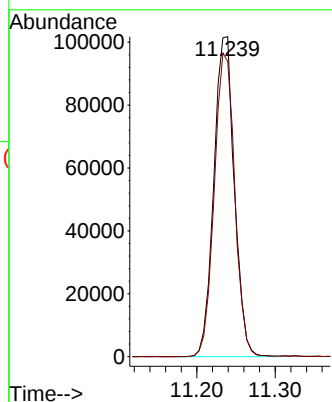
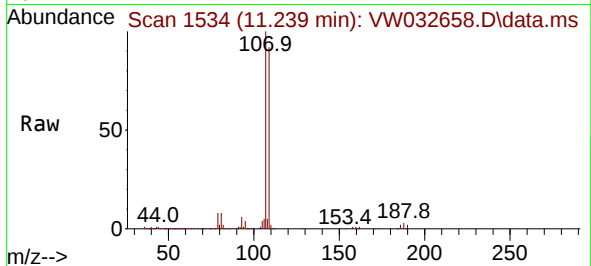




#61
1,2-Dibromoethane
Concen: 49.997 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

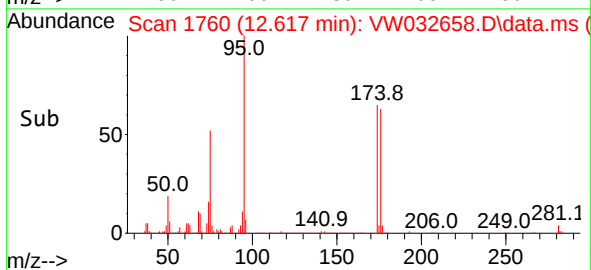
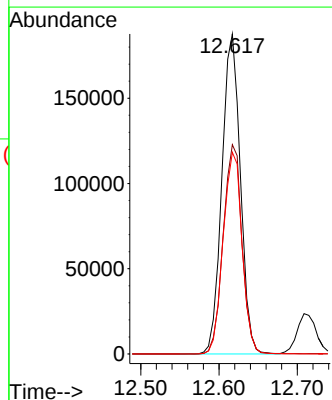
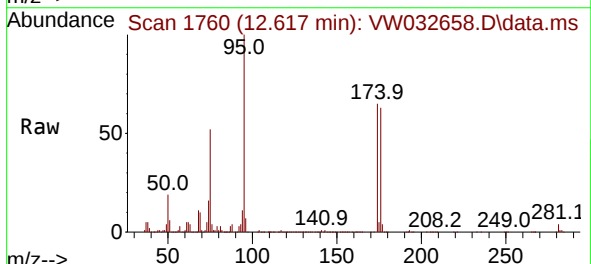
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

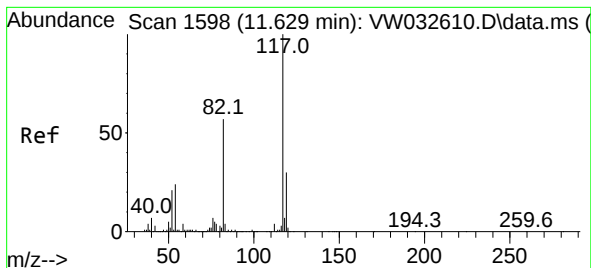
Tgt Ion:107 Resp: 185309
Ion Ratio Lower Upper
107 100
109 94.7 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 52.842 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 95 Resp: 307758
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.0
176 64.8 0.0 123.4

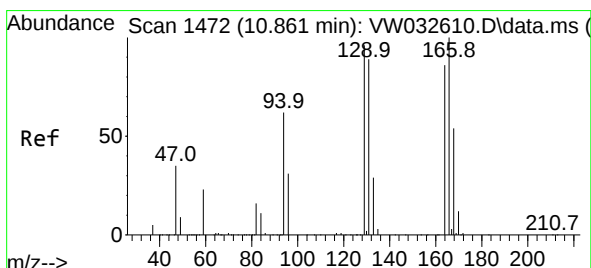
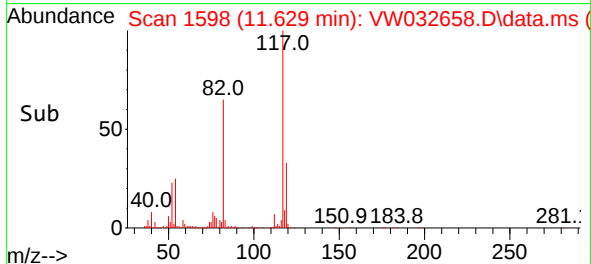
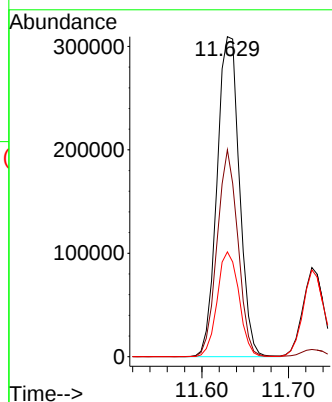
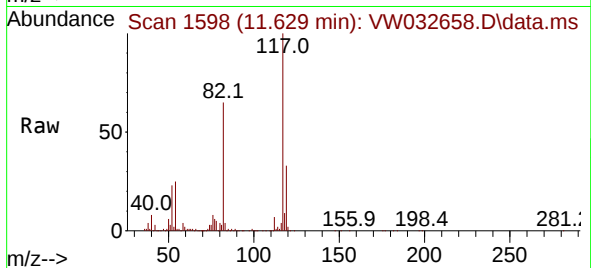




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

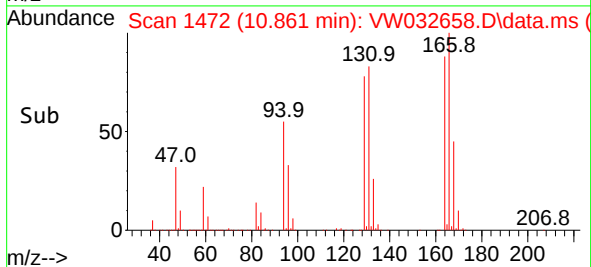
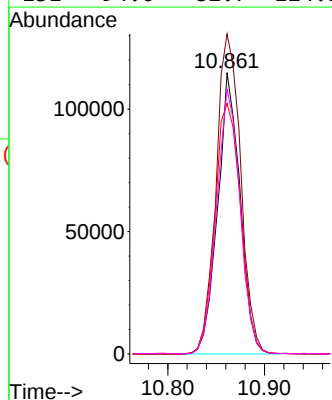
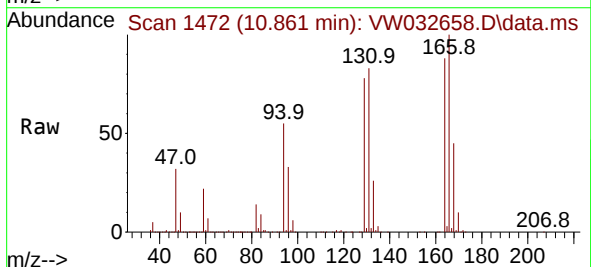
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

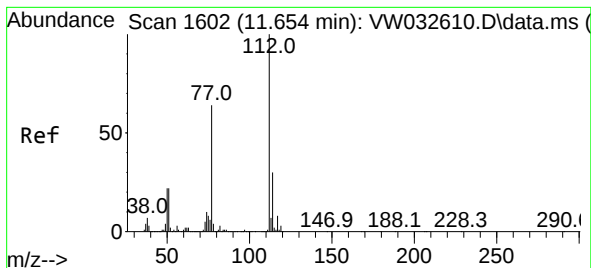
Tgt Ion:117 Resp: 556640
Ion Ratio Lower Upper
117 100
82 64.6 45.5 68.3
119 32.7 23.8 35.8



#64
Tetrachloroethene
Concen: 51.936 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion:164 Resp: 184425
Ion Ratio Lower Upper
164 100
166 113.7 93.0 139.6
129 89.0 89.2 133.8#
131 94.0 82.7 124.1





#65

Chlorobenzene

Concen: 53.679 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

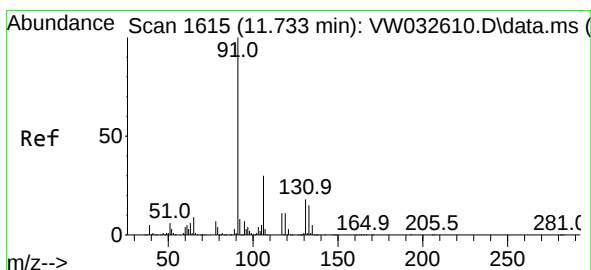
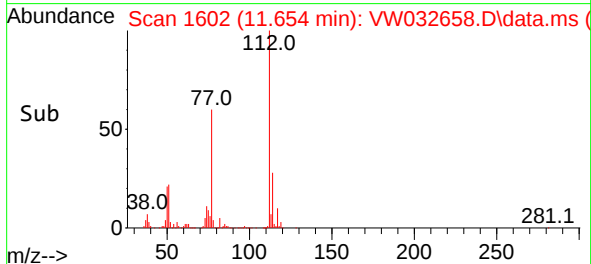
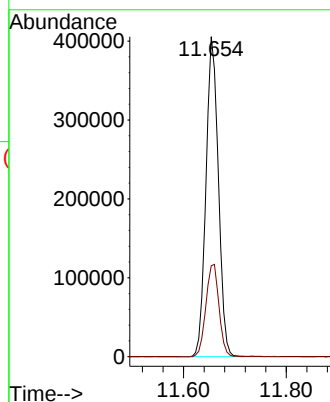
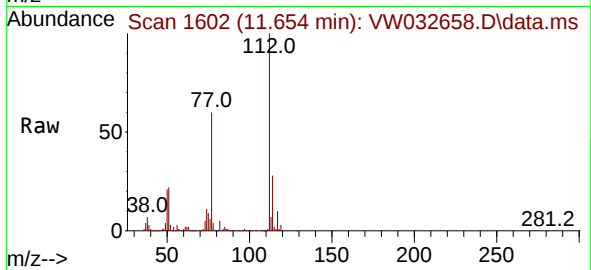
VSTDICCC050

Tgt Ion:112 Resp: 679077

Ion Ratio Lower Upper

112 100

114 28.4 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 54.146 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

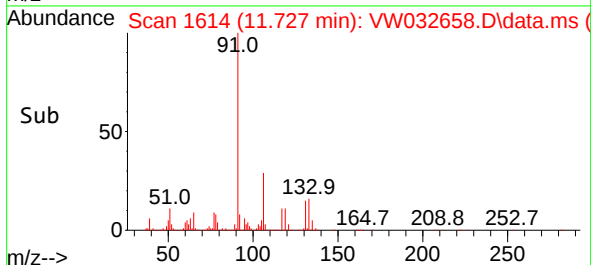
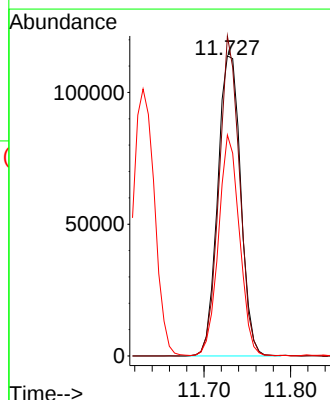
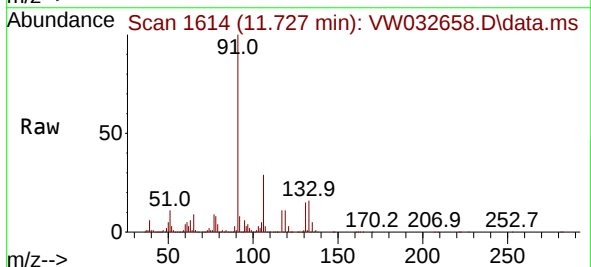
Tgt Ion:131 Resp: 209691

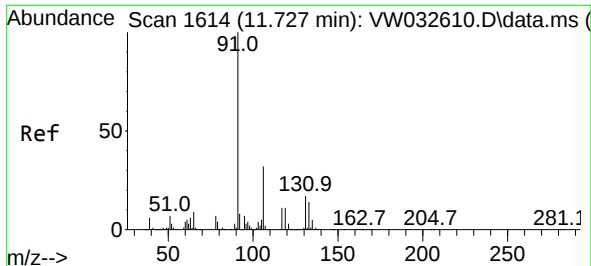
Ion Ratio Lower Upper

131 100

133 95.8 44.0 132.1

119 67.3 32.0 96.2

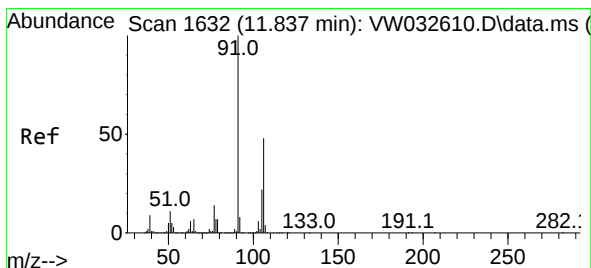
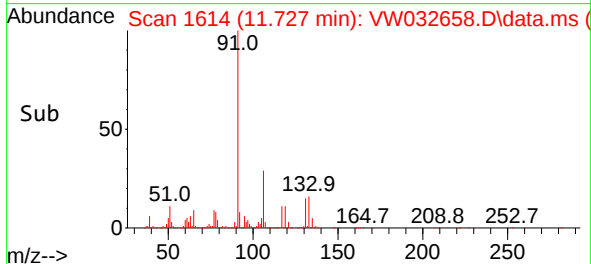
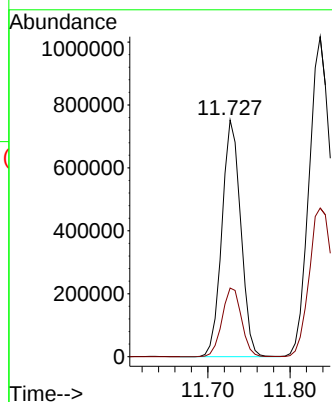
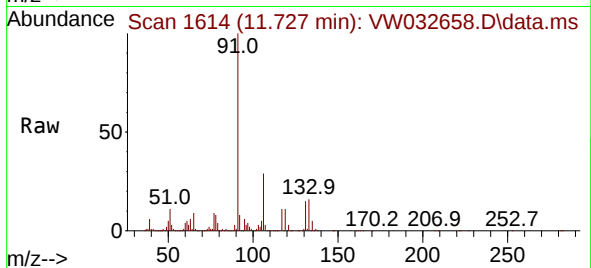




#67
Ethyl Benzene
Concen: 55.307 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

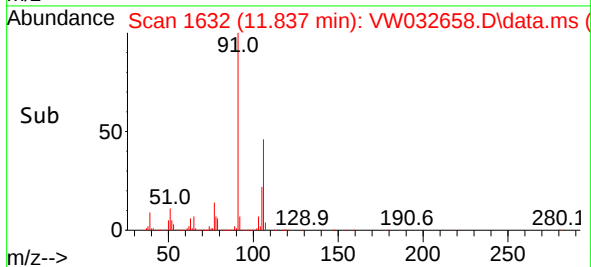
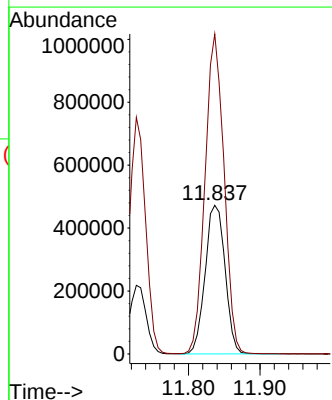
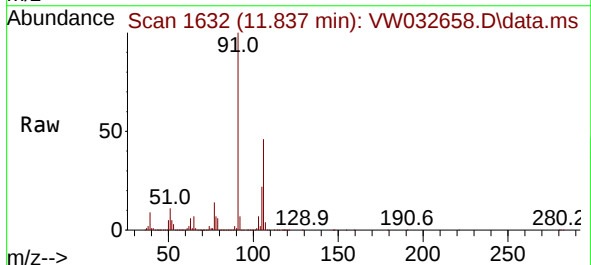
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

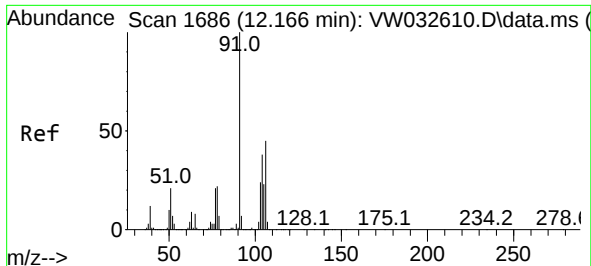
Tgt Ion: 91 Resp: 1195889
Ion Ratio Lower Upper
91 100
106 29.0 25.8 38.6



#68
m/p-Xylenes
Concen: 110.709 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 106 Resp: 913035
Ion Ratio Lower Upper
106 100
91 205.7 165.6 248.4

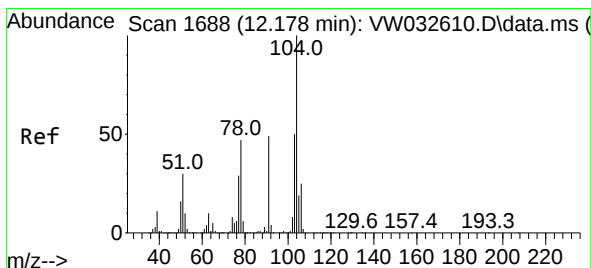
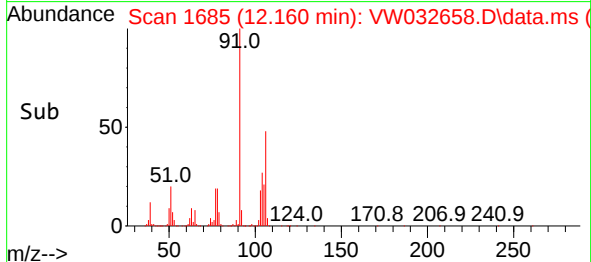
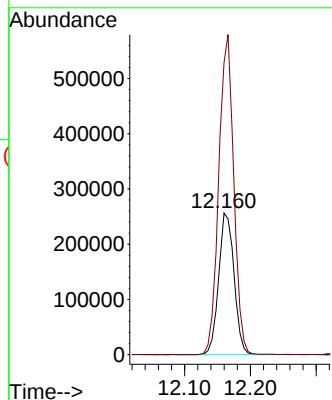
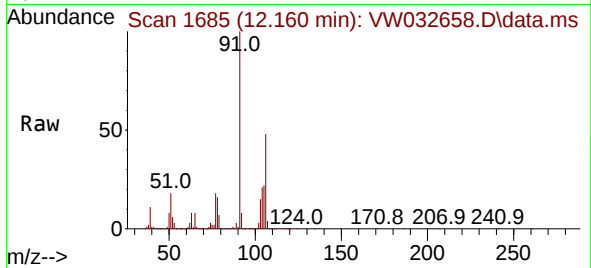




#69
o-Xylene
Concen: 55.420 ug/l
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

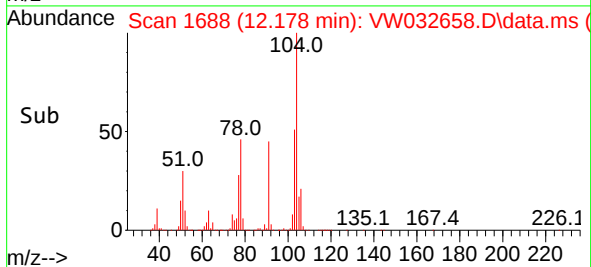
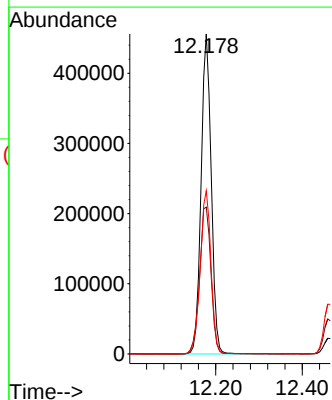
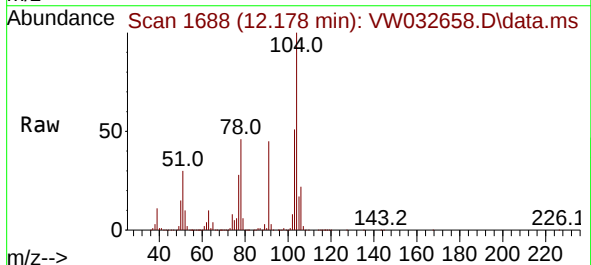
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

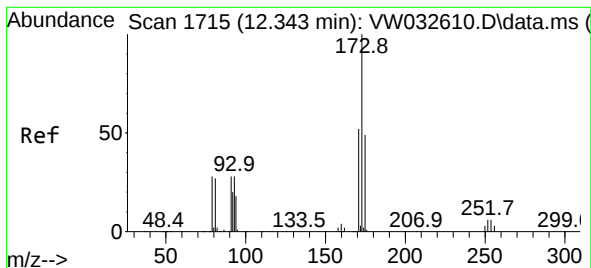
Tgt Ion:106 Resp: 417555
Ion Ratio Lower Upper
106 100
91 220.4 108.3 324.8



#70
Styrene
Concen: 56.288 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion:104 Resp: 738918
Ion Ratio Lower Upper
104 100
78 51.7 41.5 62.3
103 54.5 43.8 65.6





#71

Bromoform

Concen: 56.765 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

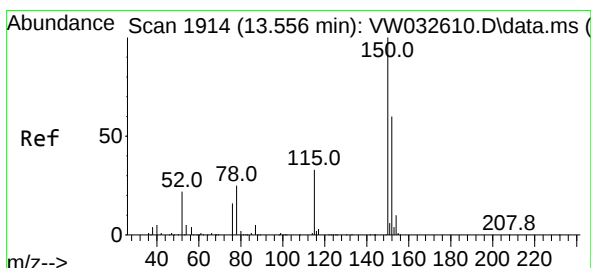
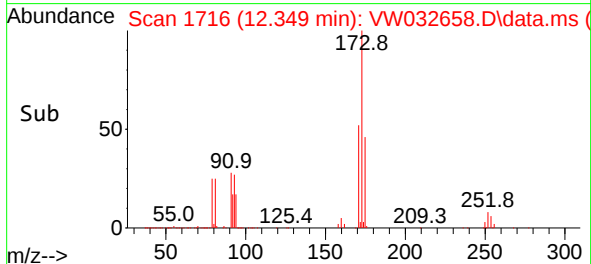
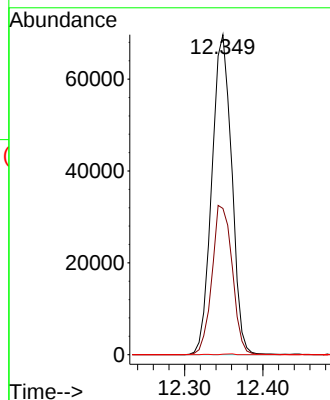
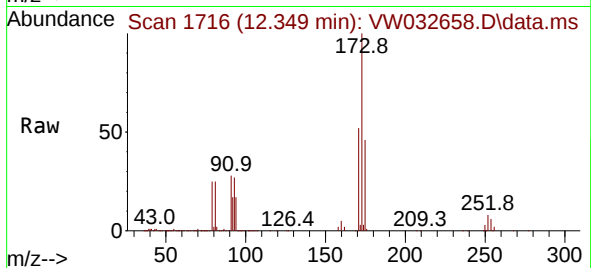
Tgt Ion:173 Resp: 122820

Ion Ratio Lower Upper

173 100

175 47.6 24.9 74.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

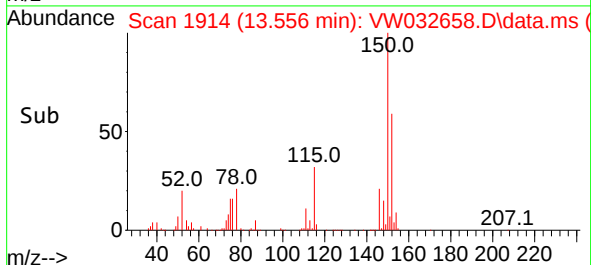
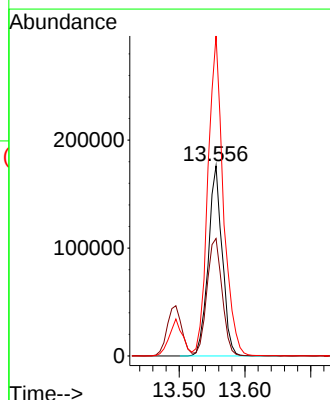
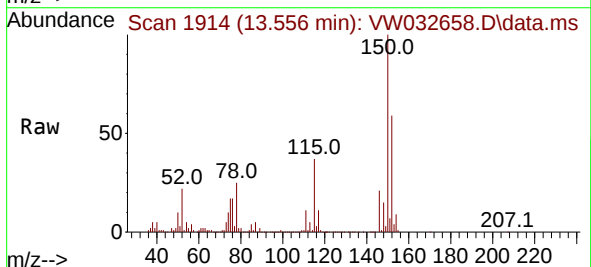
Tgt Ion:152 Resp: 259405

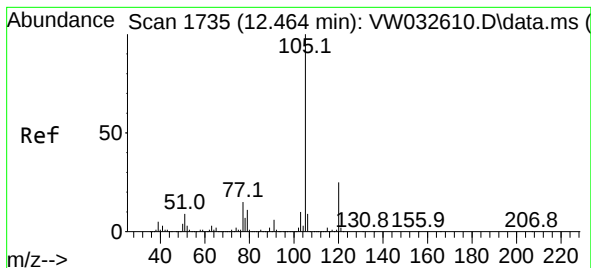
Ion Ratio Lower Upper

152 100

115 67.2 33.8 101.3

150 186.4 0.0 369.4

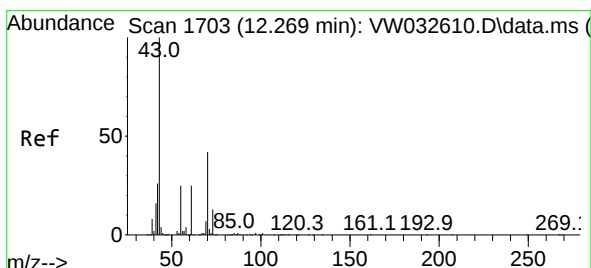
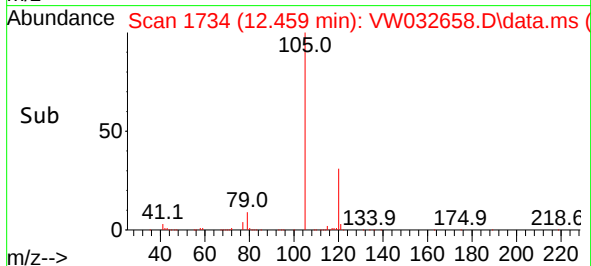
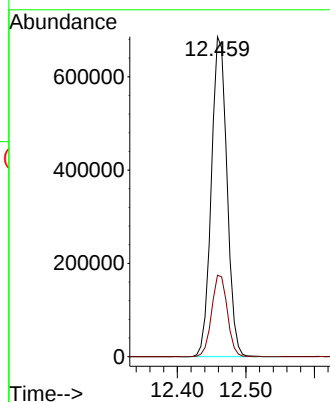
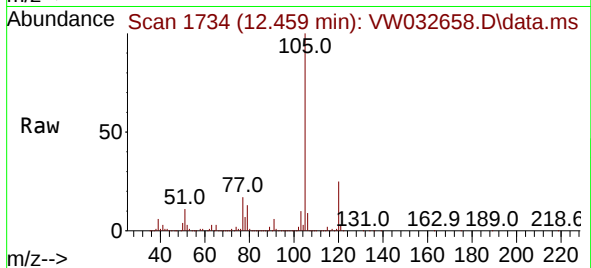




#73
Isopropylbenzene
Concen: 55.872 ug/l
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

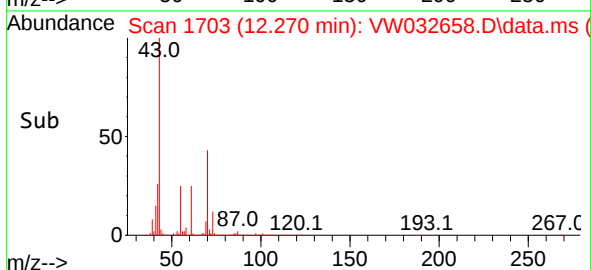
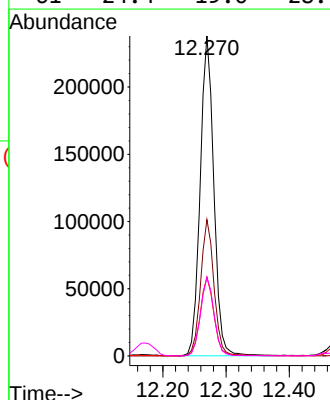
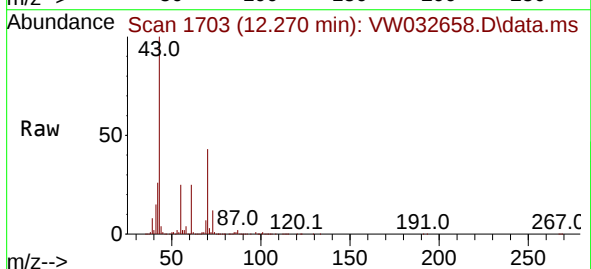
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

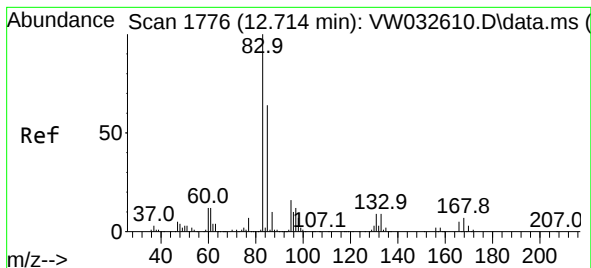
Tgt Ion:105 Resp: 1090559
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0



#74
N-ethyl acetate
Concen: 56.097 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 43 Resp: 357721
Ion Ratio Lower Upper
43 100
70 42.1 32.4 48.6
55 25.1 19.8 29.6
61 24.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.442 ug/l

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

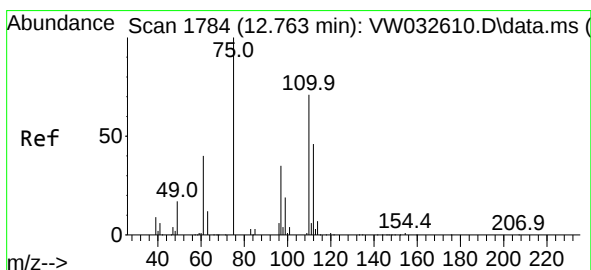
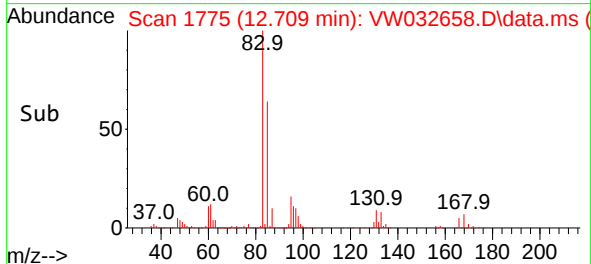
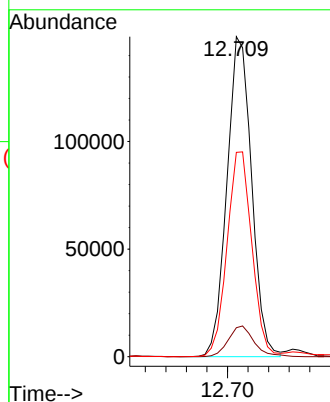
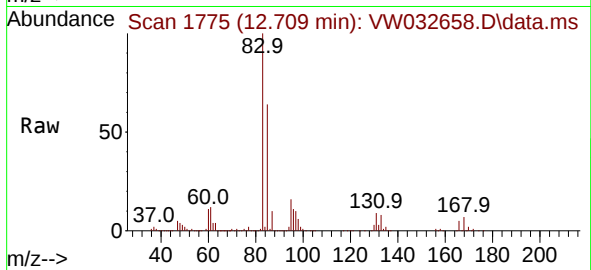
Tgt Ion: 83 Resp: 247915

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 30.311 ug/l m

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW032658.D

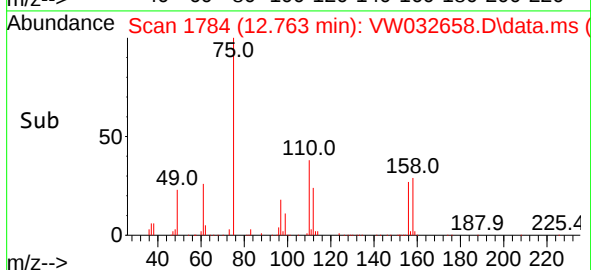
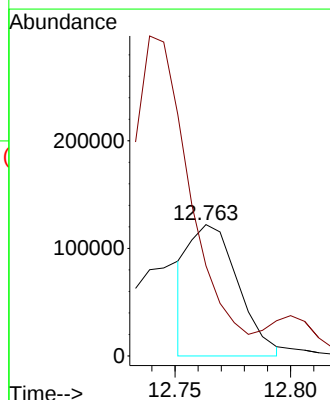
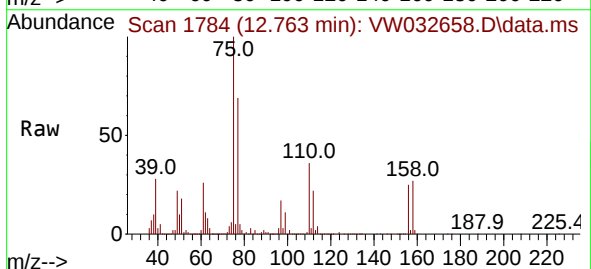
Acq: 16 Dec 2025 16:00

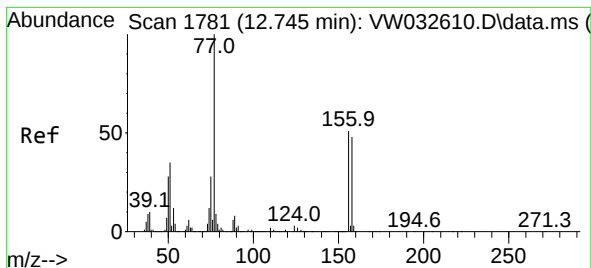
Tgt Ion: 75 Resp: 179602

Ion Ratio Lower Upper

75 100

77 0.0 154.0 462.0#





#77

Bromobenzene

Concen: 54.096 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

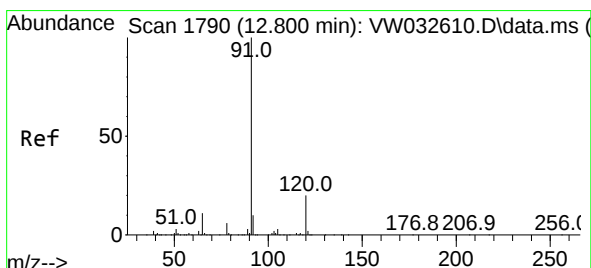
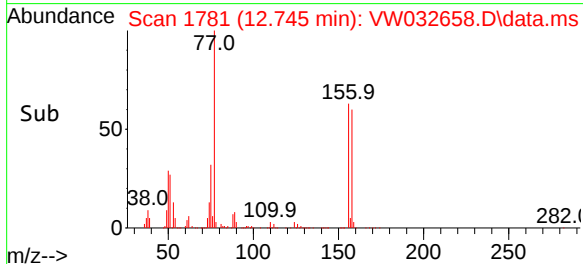
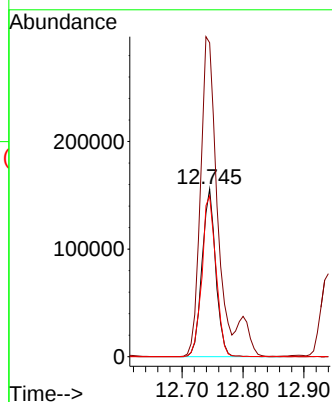
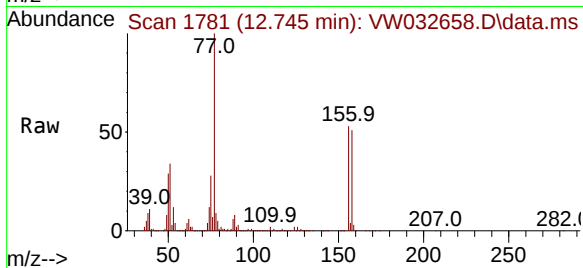
Tgt Ion:156 Resp: 243293

Ion Ratio Lower Upper

156 100

77 225.3 116.7 350.1

158 99.1 49.9 149.7



#78

n-propylbenzene

Concen: 55.527 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032658.D

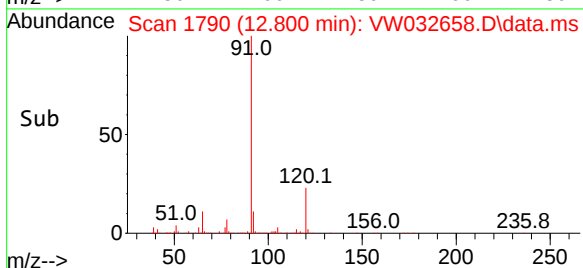
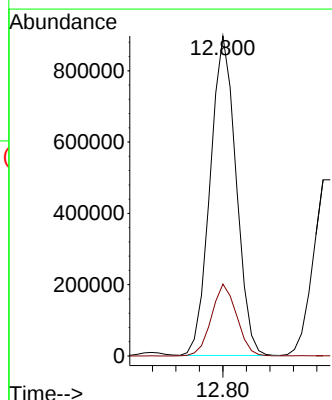
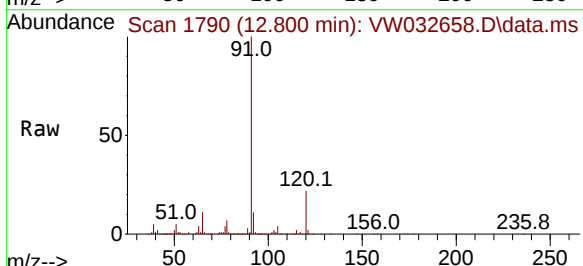
Acq: 16 Dec 2025 16:00

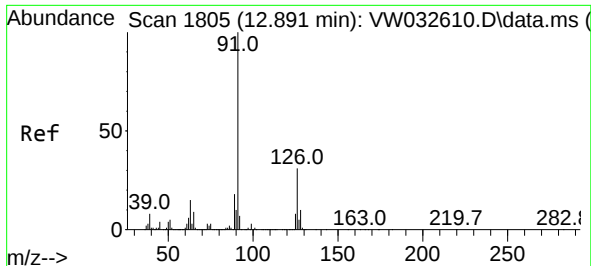
Tgt Ion: 91 Resp: 1373231

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.6

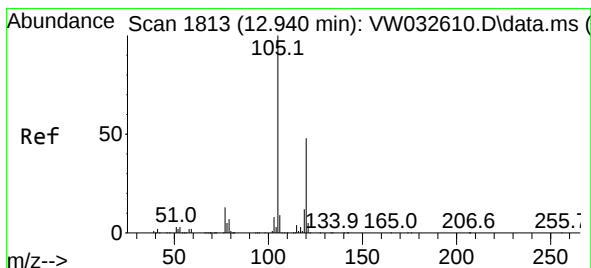
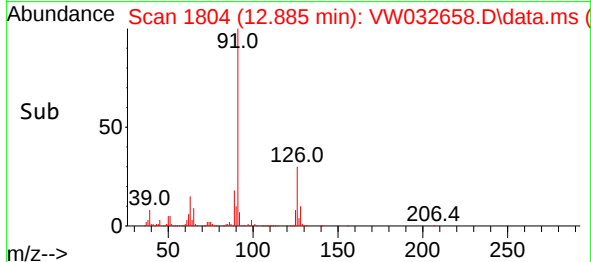
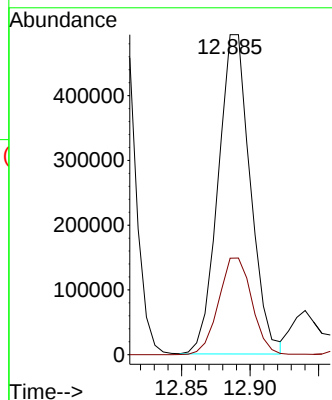
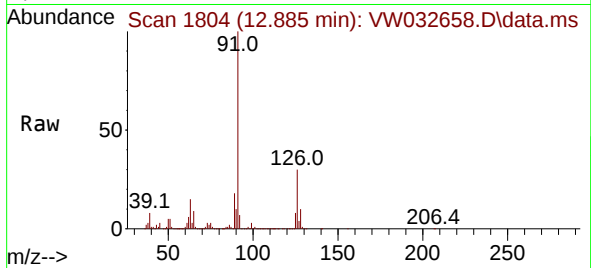




#79
2-Chlorotoluene
Concen: 54.871 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

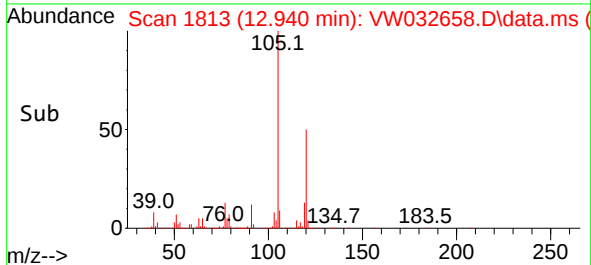
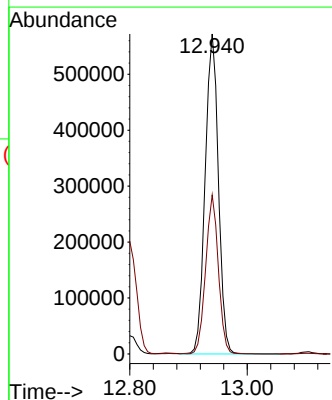
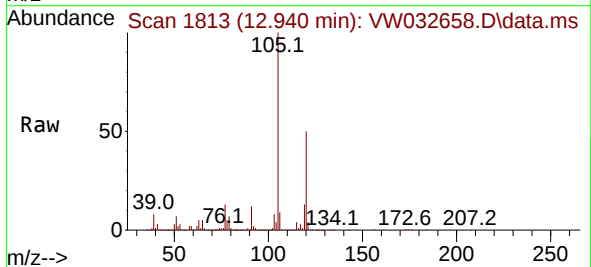
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

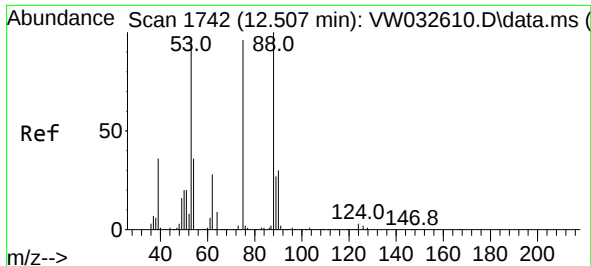
Tgt Ion: 91 Resp: 808322
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 55.042 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 105 Resp: 895659
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8

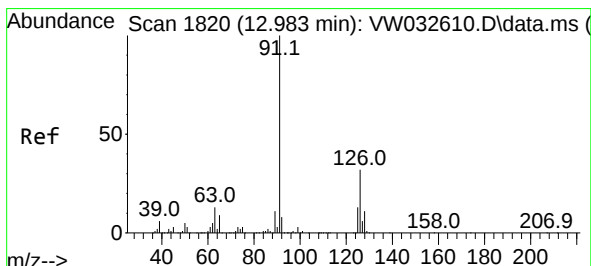
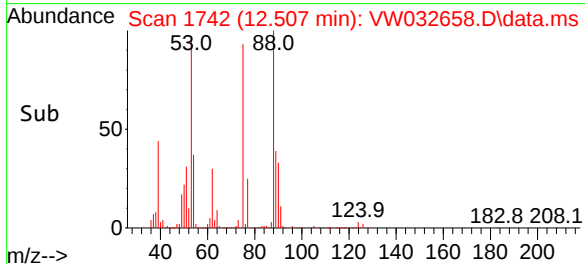
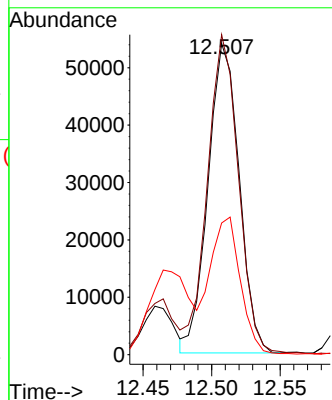
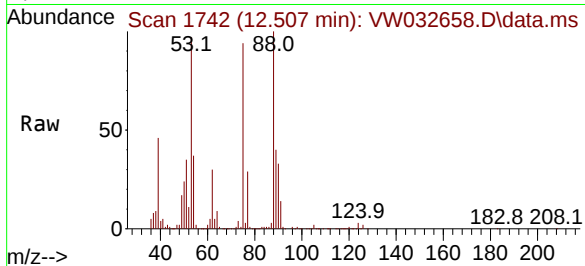




#81
trans-1,4-Dichloro-2-butene
Concen: 56.270 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

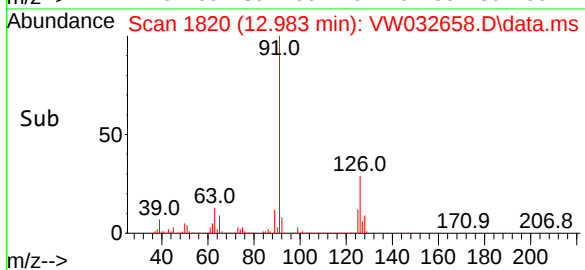
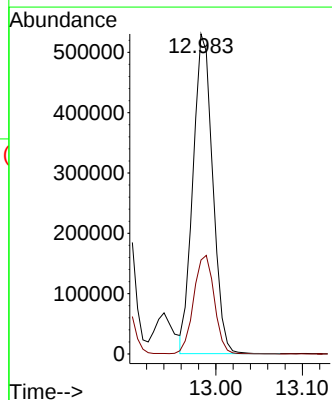
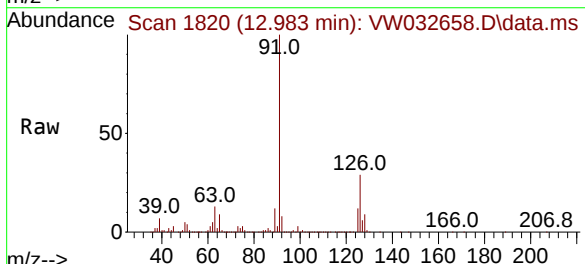
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

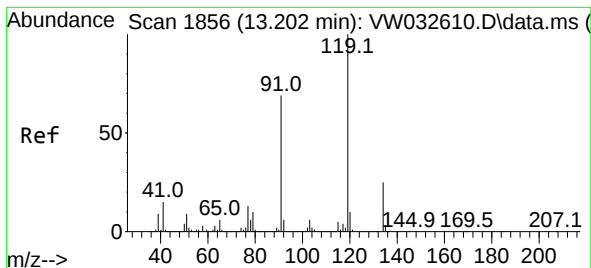
Tgt Ion: 75 Resp: 85140
Ion Ratio Lower Upper
75 100
53 103.4 86.1 129.1
89 43.3 37.4 56.2



#82
4-Chlorotoluene
Concen: 53.537 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 91 Resp: 837494
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 55.031 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

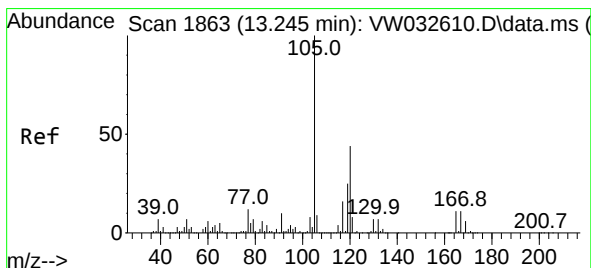
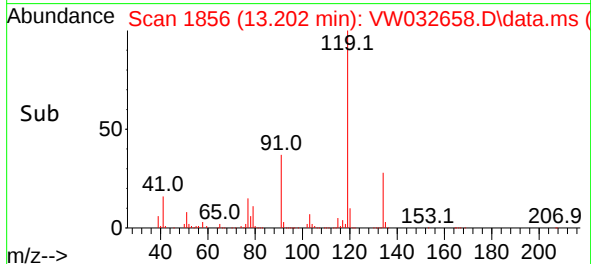
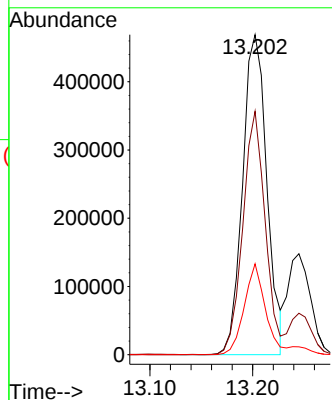
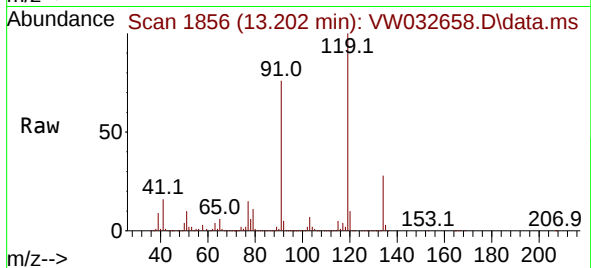
Tgt Ion:119 Resp: 768543

Ion Ratio Lower Upper

119 100

91 70.0 34.3 102.8

134 24.9 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 55.255 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032658.D

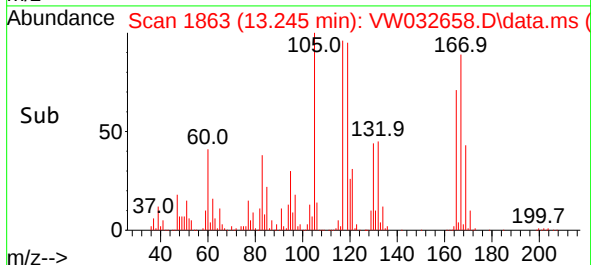
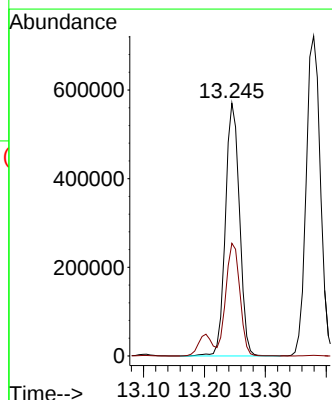
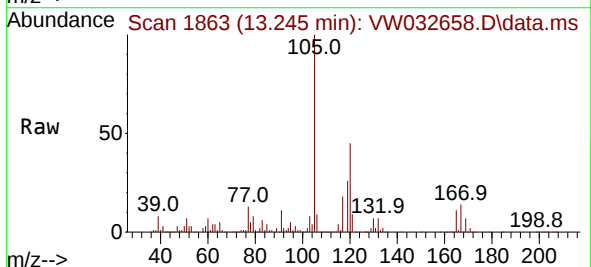
Acq: 16 Dec 2025 16:00

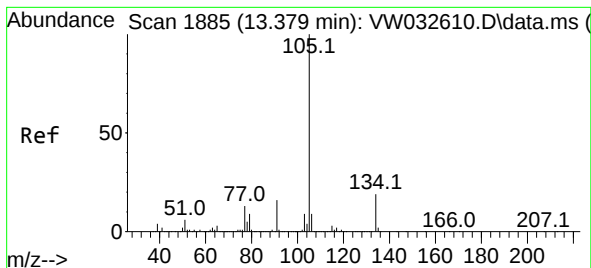
Tgt Ion:105 Resp: 913543

Ion Ratio Lower Upper

105 100

120 44.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 54.603 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

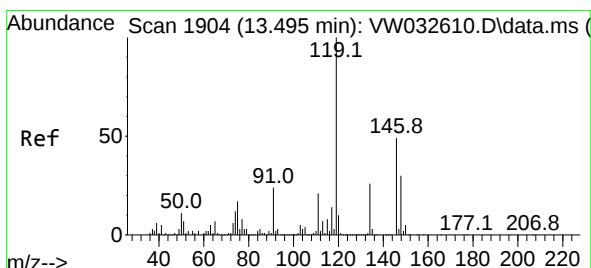
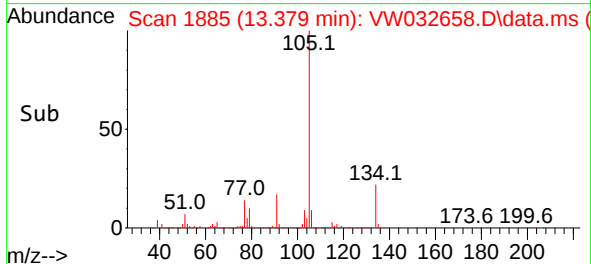
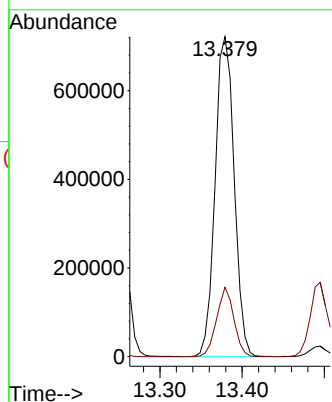
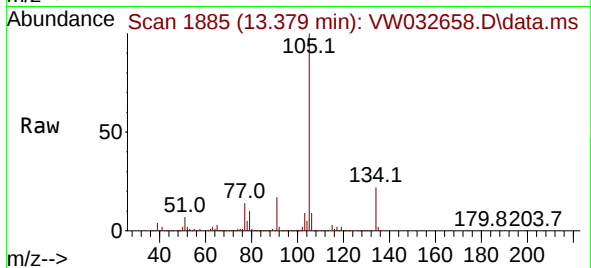
VSTDICCC050

Tgt Ion:105 Resp: 1163428

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 54.631 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

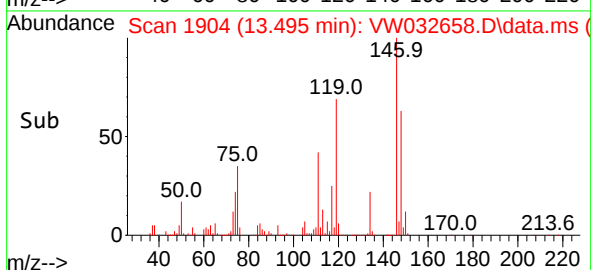
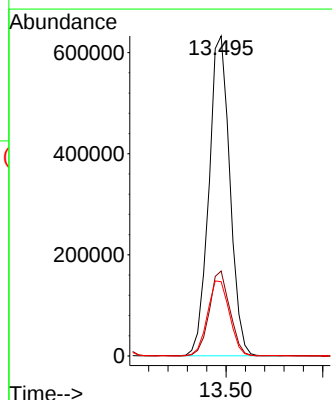
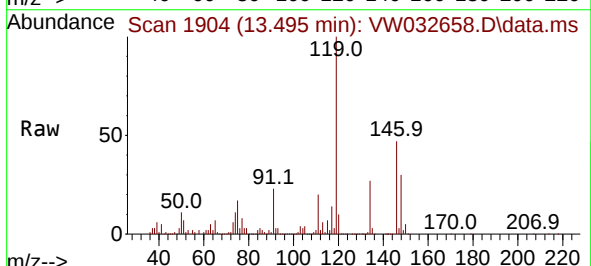
Tgt Ion:119 Resp: 953166

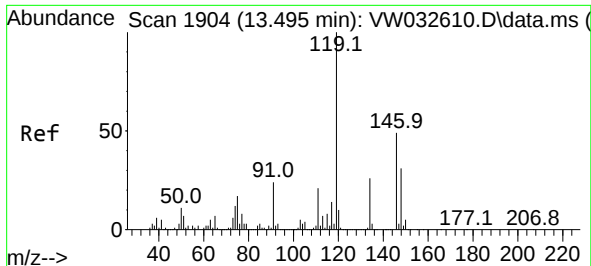
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 24.6 12.1 36.3

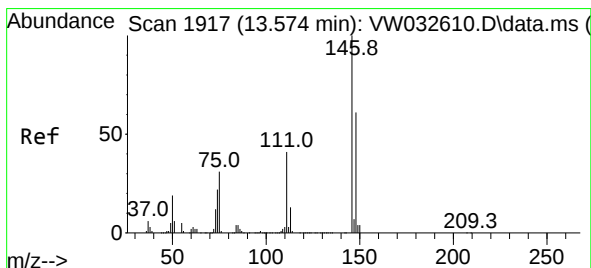
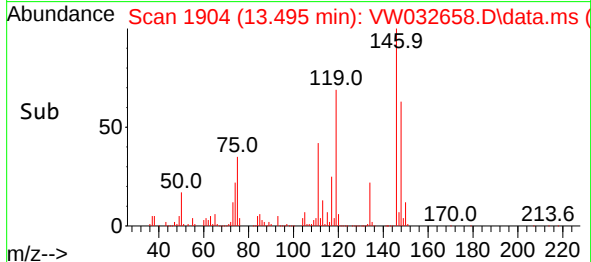
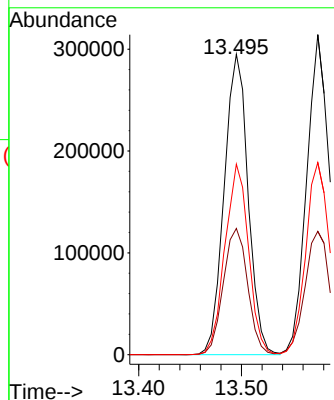
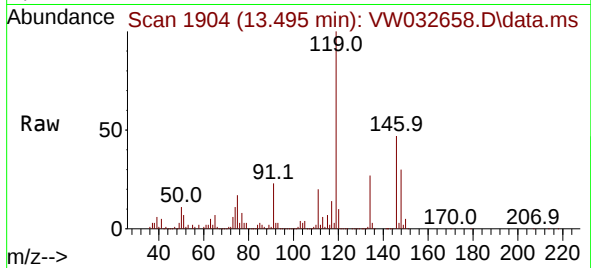




#87
1,3-Dichlorobenzene
Concen: 52.666 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

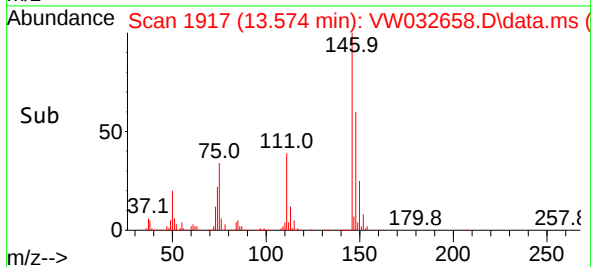
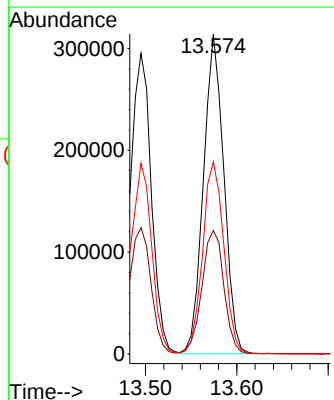
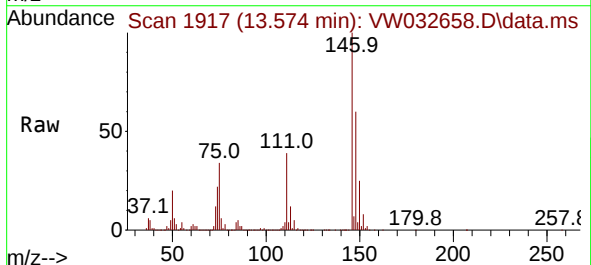
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

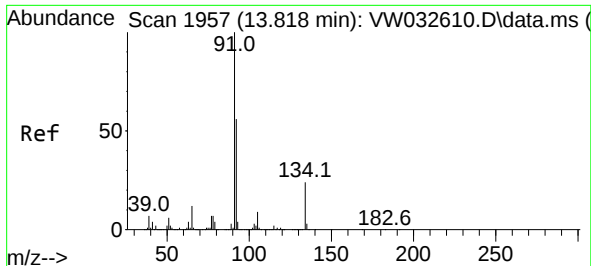
Tgt Ion:146 Resp: 476725
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 62.7 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 53.672 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion:146 Resp: 488062
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 62.5 30.4 91.2

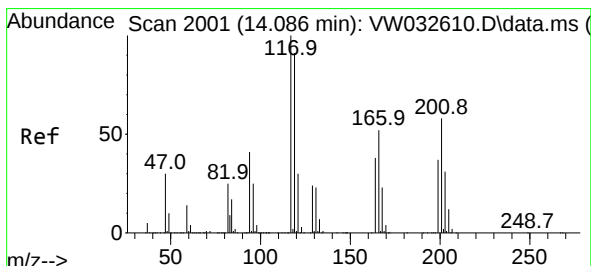
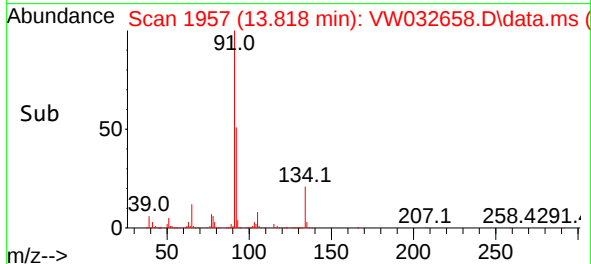
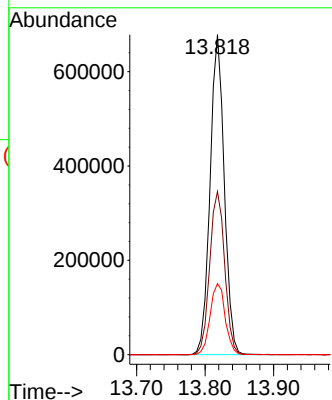
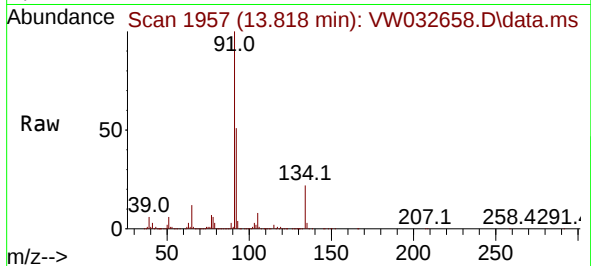




#89
n-Butylbenzene
Concen: 55.700 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

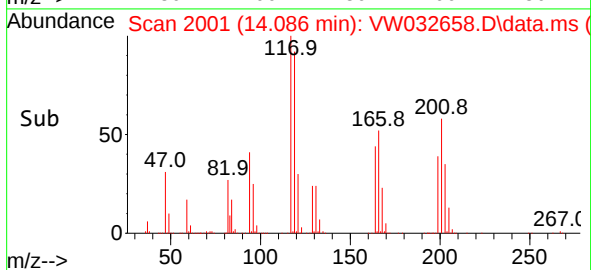
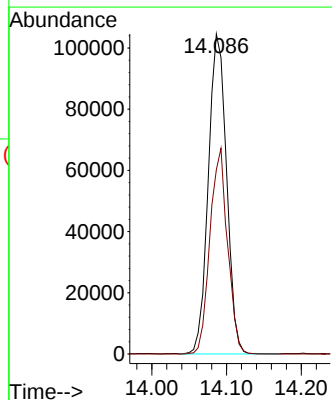
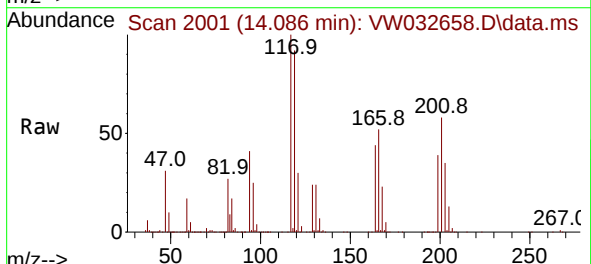
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

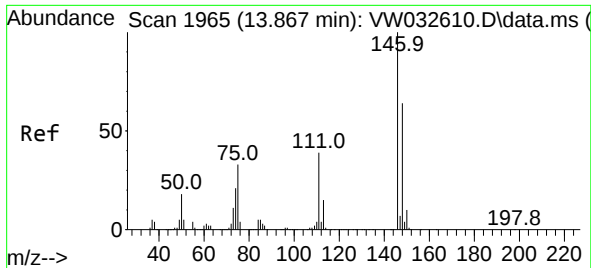
Tgt Ion: 91 Resp: 977287
Ion Ratio Lower Upper
91 100
92 53.7 27.4 82.0
134 23.5 11.8 35.4



#90
Hexachloroethane
Concen: 54.003 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 117 Resp: 177086
Ion Ratio Lower Upper
117 100
201 62.1 30.4 91.2

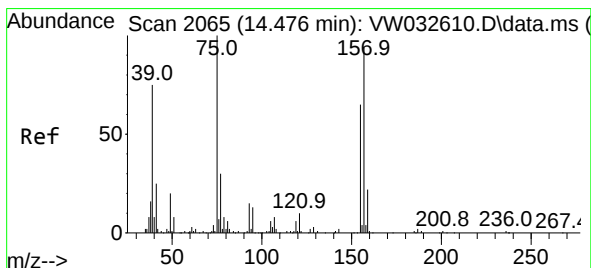
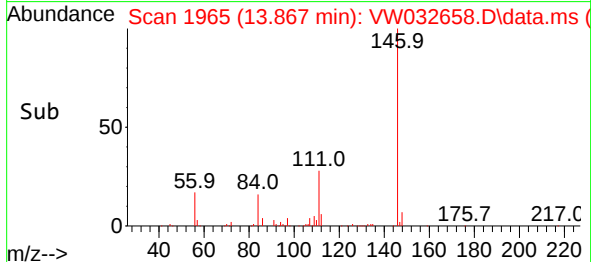
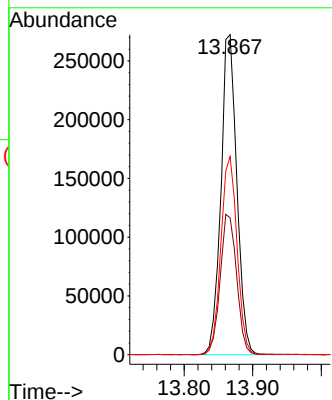
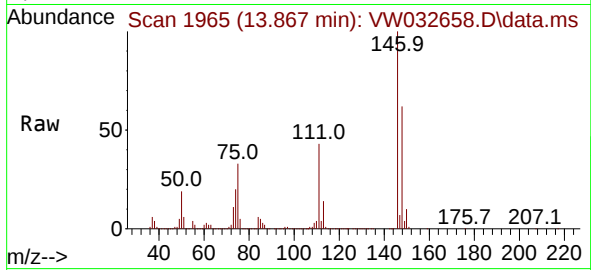




#91
1,2-Dichlorobenzene
Concen: 53.522 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

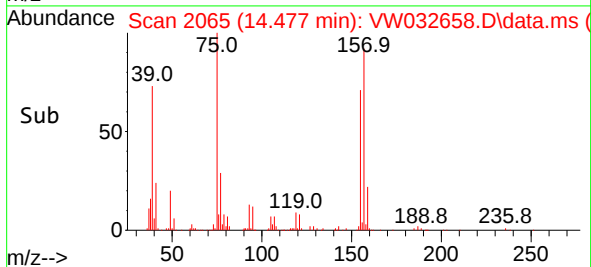
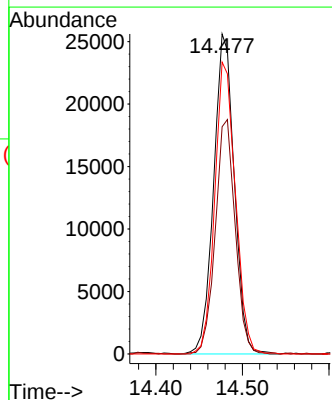
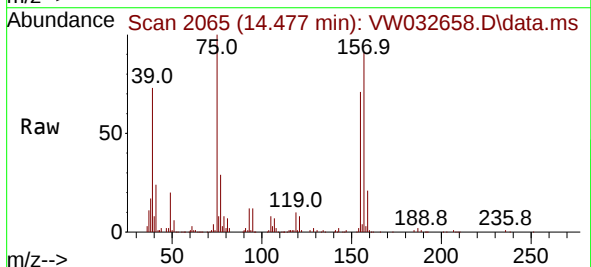
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

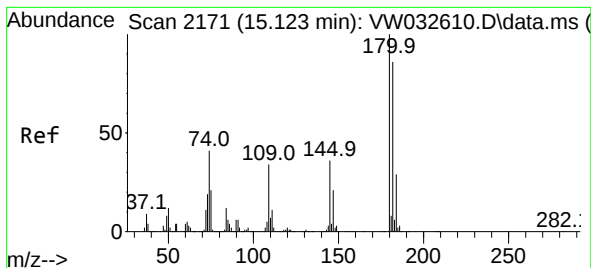
Tgt Ion:146 Resp: 438580
Ion Ratio Lower Upper
146 100
111 45.2 21.5 64.5
148 62.5 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.165 ug/l
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032658.D
Acq: 16 Dec 2025 16:00

Tgt Ion: 75 Resp: 42441
Ion Ratio Lower Upper
75 100
155 70.6 35.3 105.9
157 91.0 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 58.156 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

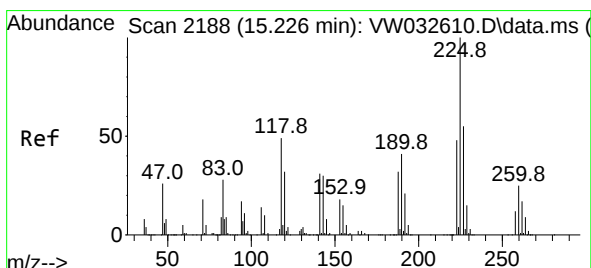
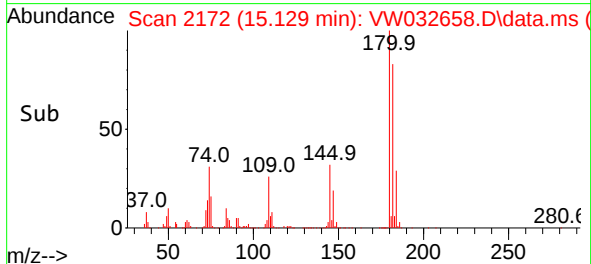
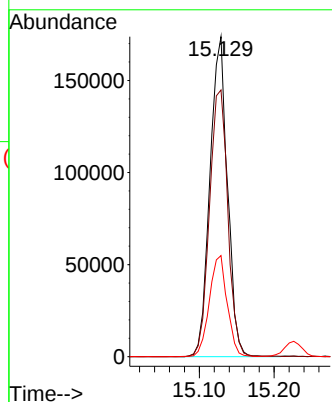
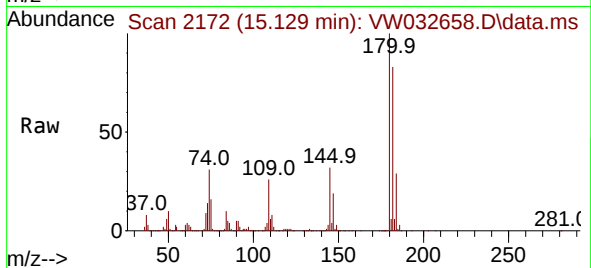
Tgt Ion:180 Resp: 282088

Ion Ratio Lower Upper

180 100

182 87.6 46.9 140.6

145 32.3 17.1 51.3



#94

Hexachlorobutadiene

Concen: 53.768 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032658.D

Acq: 16 Dec 2025 16:00

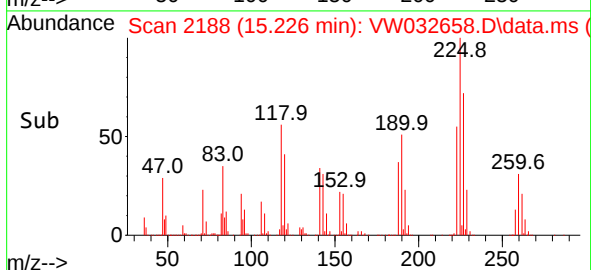
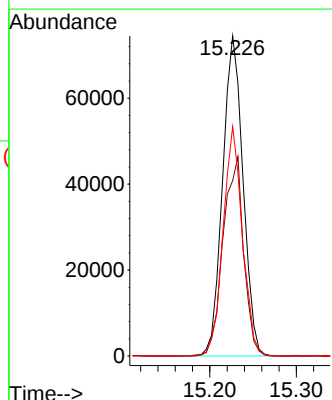
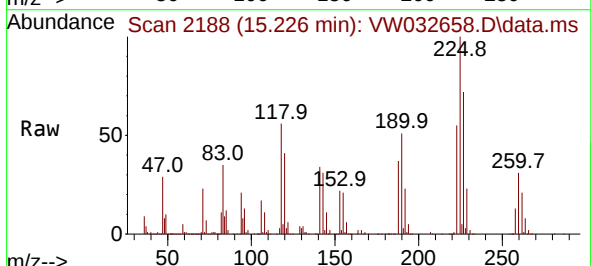
Tgt Ion:225 Resp: 121878

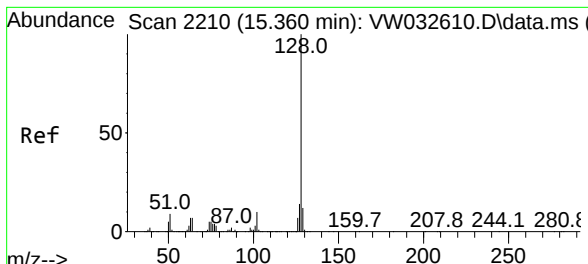
Ion Ratio Lower Upper

225 100

223 62.6 30.3 90.8

227 67.6 29.1 87.4



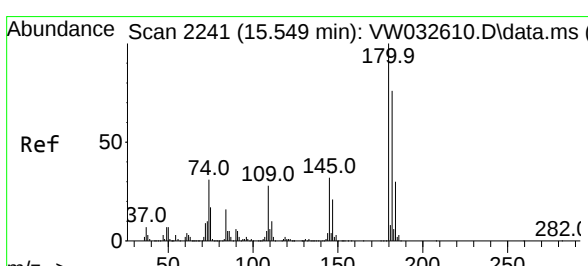
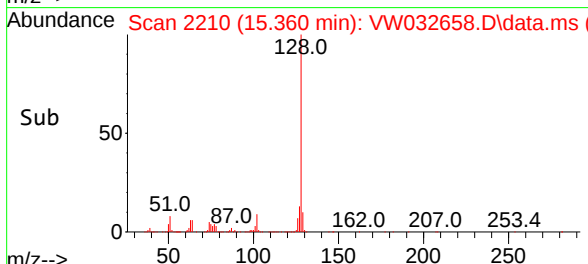
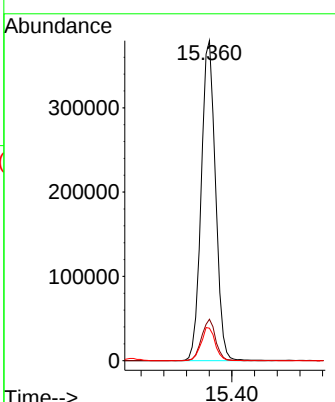
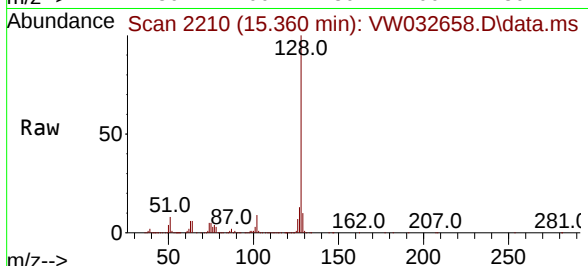


#95
 Naphthalene
 Concen: 58.044 ug/l
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW032658.D
 Acq: 16 Dec 2025 16:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:128 Resp: 661870

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.3	9.0	13.6



#96
 1,2,3-Trichlorobenzene
 Concen: 53.185 ug/l
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW032658.D
 Acq: 16 Dec 2025 16:00

Tgt Ion:180 Resp: 231772

Ion	Ratio	Lower	Upper
180	100		
182	100.0	45.9	137.6
145	36.8	17.0	51.0

