

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121025\
 Data File : VW032614.D
 Acq On : 10 Dec 2025 13:25
 Operator : SY/MD
 Sample : VSTDCC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 11 01:50:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:49:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	361245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	654860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	590353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	287329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	66655	14.354	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	28.700%#
35) Dibromofluoromethane	7.904	113	54716	14.245	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	28.480%#
50) Toluene-d8	10.325	98	200199	11.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	23.820%#
62) 4-Bromofluorobenzene	12.617	95	75090	12.170	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	24.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.040	85	22895	10.206	ug/l	98
3) Chloromethane	2.253	50	41674	10.531	ug/l	99
4) Vinyl Chloride	2.399	62	48661	10.305	ug/l	99
5) Bromomethane	2.820	94	34018	10.817	ug/l	88
6) Chloroethane	2.966	64	31967	10.492	ug/l	97
7) Trichlorofluoromethane	3.308	101	40445	9.784	ug/l	86
8) Diethyl Ether	3.728	74	27506	9.937	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	43259	10.450	ug/l	98
10) Methyl Iodide	4.301	142	56734	9.842	ug/l	98
11) Tert butyl alcohol	5.216	59	18850	50.246	ug/l	98
12) 1,1-Dichloroethene	4.070	96	44805	10.217	ug/l	95
13) Acrolein	3.929	56	30738	48.675	ug/l	96
14) Allyl chloride	4.704	41	82544	10.125	ug/l	98
15) Acrylonitrile	5.405	53	74302	48.034	ug/l	100
16) Acetone	4.161	43	114546	60.526	ug/l	99
17) Carbon Disulfide	4.417	76	132055	10.361	ug/l	100
18) Methyl Acetate	4.710	43	35745	9.682	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	85743	9.848	ug/l	95
20) Methylene Chloride	4.954	84	64155	11.104	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	48315	10.088	ug/l	94
22) Diisopropyl ether	6.338	45	165011	9.996	ug/l	95
23) Vinyl Acetate	6.283	43	537188	48.129	ug/l	99
24) 1,1-Dichloroethane	6.246	63	95308	10.096	ug/l	99
25) 2-Butanone	7.197	43	111614	50.192	ug/l	100
26) 2,2-Dichloropropane	7.185	77	53497	10.093	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	54773	9.794	ug/l	98
28) Bromochloromethane	7.532	49	33132	8.834	ug/l	97
29) Tetrahydrofuran	7.557	42	63704	47.718	ug/l	99
30) Chloroform	7.697	83	93979	10.092	ug/l	99
31) Cyclohexane	7.971	56	91870	10.558	ug/l #	95
32) 1,1,1-Trichloroethane	7.886	97	70764	10.335	ug/l	99
36) 1,1-Dichloropropene	8.093	75	68706	10.191	ug/l	99
37) Ethyl Acetate	7.270	43	42749	9.257	ug/l	99
38) Carbon Tetrachloride	8.081	117	61467	9.857	ug/l	94
39) Methylcyclohexane	9.343	83	80931	9.545	ug/l	91
40) Benzene	8.337	78	205390	10.042	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	22223	9.003	ug/l	94
42) 1,2-Dichloroethane	8.410	62	67316	10.337	ug/l	99
43) Isopropyl Acetate	8.435	43	77353	9.445	ug/l	99
44) Trichloroethene	9.099	130	46690	9.997	ug/l	97
45) 1,2-Dichloropropane	9.374	63	51291	9.910	ug/l	94
46) Dibromomethane	9.465	93	29898	9.860	ug/l	98
47) Bromodichloromethane	9.648	83	70742	10.029	ug/l	94
48) Methyl methacrylate	9.441	41	33636	8.701	ug/l	99
49) 1,4-Dioxane	9.465	88	7482	183.931	ug/l #	98
51) 4-Methyl-2-Pentanone	10.209	43	218168	47.779	ug/l	98
52) Toluene	10.392	92	131024	10.412	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	66055	9.498	ug/l	94
54) cis-1,3-Dichloropropene	10.075	75	78229	9.755	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	40939	10.063	ug/l	98
56) Ethyl methacrylate	10.648	69	52959	9.016	ug/l	98
57) 1,3-Dichloropropane	10.934	76	71443	9.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	141718	51.759	ug/l	100
59) 2-Hexanone	10.971	43	158310	47.869	ug/l	98
60) Dibromochloromethane	11.123	129	43075	9.505	ug/l	95
61) 1,2-Dibromoethane	11.239	107	38575	9.805	ug/l	94
64) Tetrachloroethene	10.867	164	38502	10.172	ug/l	87
65) Chlorobenzene	11.660	112	130574	9.686	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.727	131	39543	9.393	ug/l	91
67) Ethyl Benzene	11.727	91	227177	9.751	ug/l	95
68) m/p-Xylenes	11.837	106	173165	19.368	ug/l	96
69) o-Xylene	12.166	106	77989	9.458	ug/l	95
70) Styrene	12.178	104	139054	9.673	ug/l	99
71) Bromoform	12.349	173	22917	9.376	ug/l #	97
73) Isopropylbenzene	12.458	105	203544	9.314	ug/l	98
74) N-amyl acetate	12.269	43	68967	9.211	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	50790	9.653	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	63292	16.515	ug/l	34
77) Bromobenzene	12.745	156	47841	9.540	ug/l	99
78) n-propylbenzene	12.800	91	259786	9.306	ug/l	99
79) 2-Chlorotoluene	12.891	91	156572	9.555	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	174990	9.533	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	15061	9.130	ug/l	96
82) 4-Chlorotoluene	12.983	91	170457	9.795	ug/l	99
83) tert-Butylbenzene	13.202	119	147977	9.463	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	176269	9.521	ug/l	98
85) sec-Butylbenzene	13.379	105	225558	9.421	ug/l	99
86) p-Isopropyltoluene	13.495	119	182713	9.383	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	100429	9.784	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	103133	10.090	ug/l	96
89) n-Butylbenzene	13.818	91	186809	9.548	ug/l	97
90) Hexachloroethane	14.086	117	34449	9.471	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	89858	9.698	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	8514	9.111	ug/l	99
93) 1,2,4-Trichlorobenzene	15.123	180	55073	10.008	ug/l	94
94) Hexachlorobutadiene	15.226	225	25451	9.784	ug/l	97
95) Naphthalene	15.360	128	113152	8.104	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	48571	9.337	ug/l	97

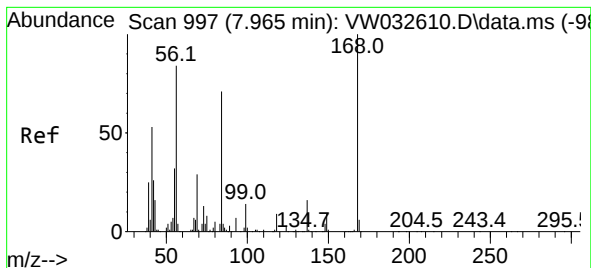
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032614.D

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Instrument :

MSVOA_W

ClientSampleId :

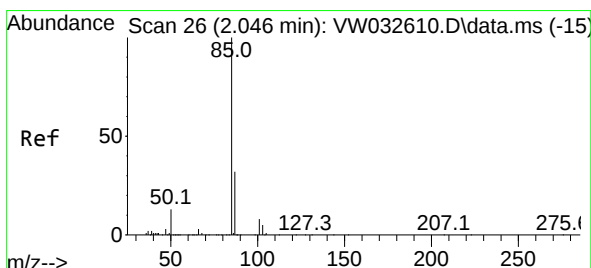
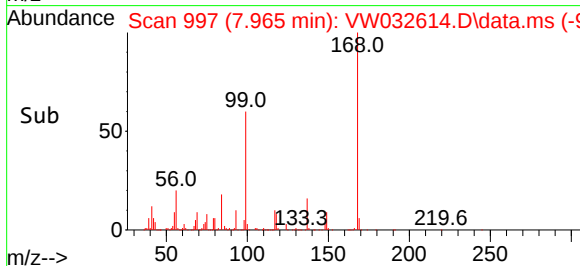
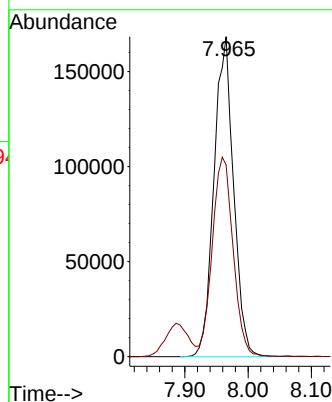
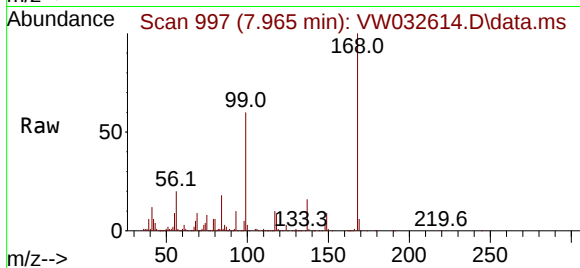
VSTDIC010

Tgt Ion:168 Resp: 361245

Ion Ratio Lower Upper

168 100

99 59.8 47.8 71.8



#2

Dichlorodifluoromethane

Concen: 10.206 ug/l

RT: 2.040 min Scan# 25

Delta R.T. -0.006 min

Lab File: VW032614.D

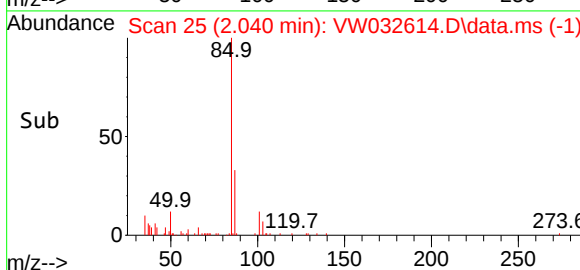
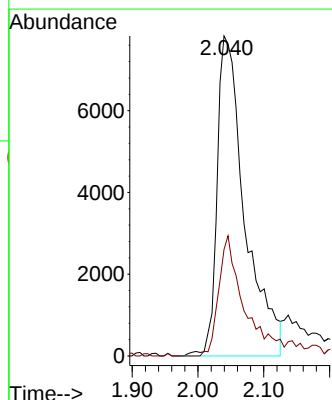
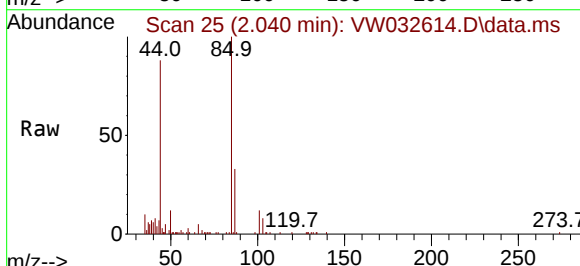
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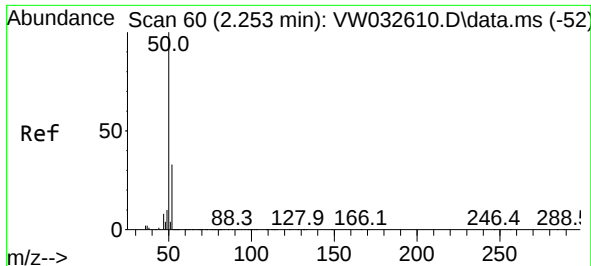
Tgt Ion: 85 Resp: 22895

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3

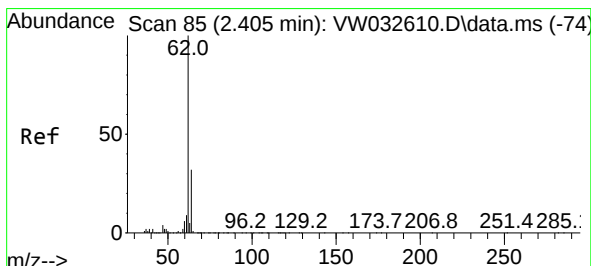
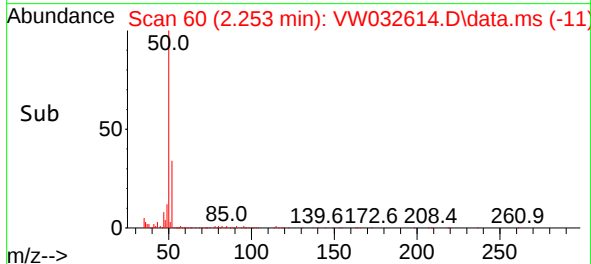
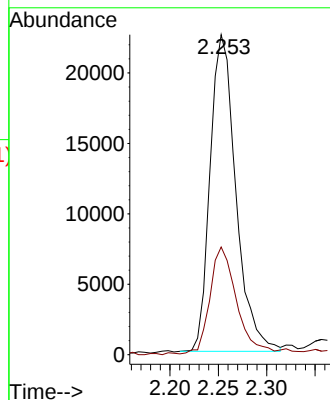
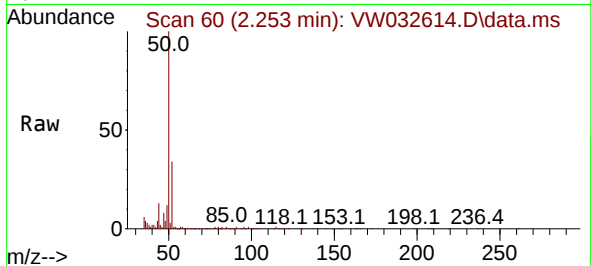




#3
Chloromethane
Concen: 10.531 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

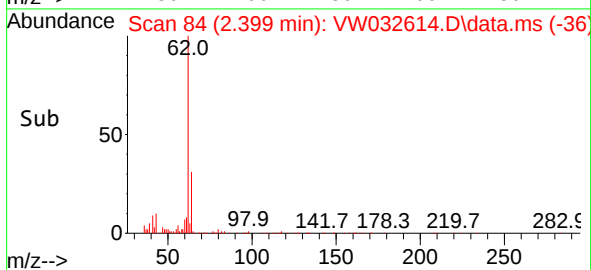
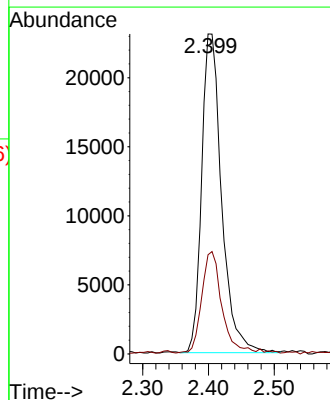
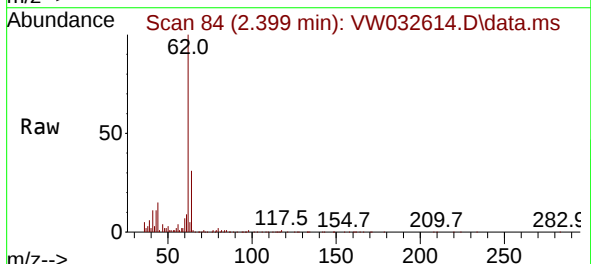
Instrument :
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ClientSampleId :
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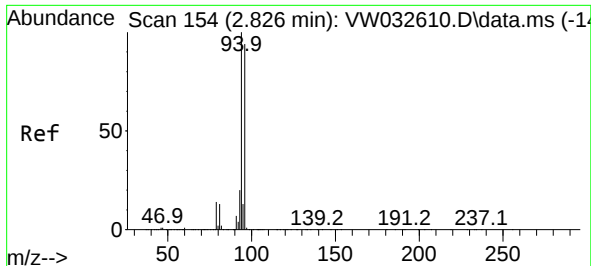
Tgt Ion: 50 Resp: 41674
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 10.305 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 62 Resp: 48661
Ion Ratio Lower Upper
62 100
64 30.8 25.3 37.9

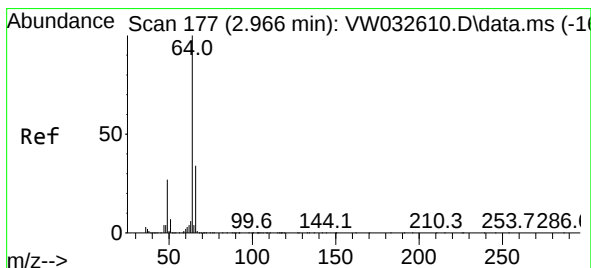
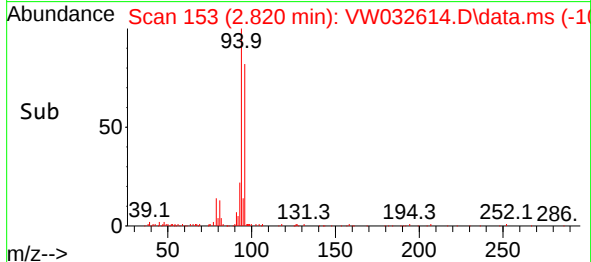
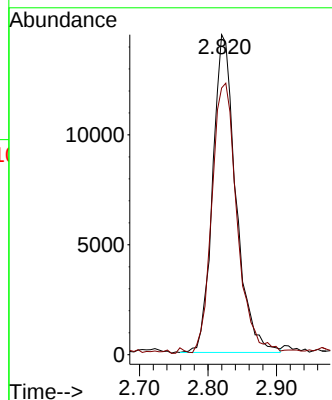
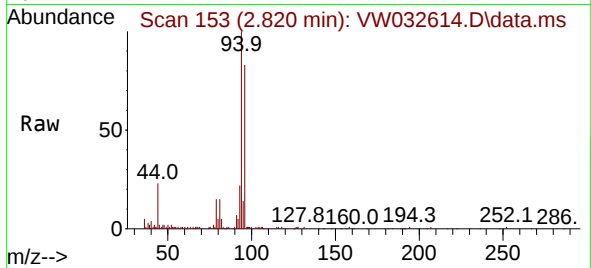




#5
Bromomethane
Concen: 10.817 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

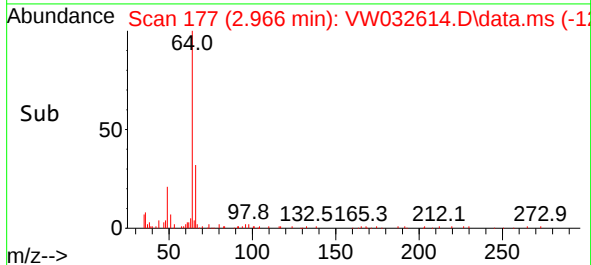
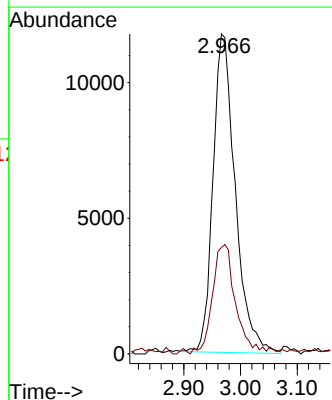
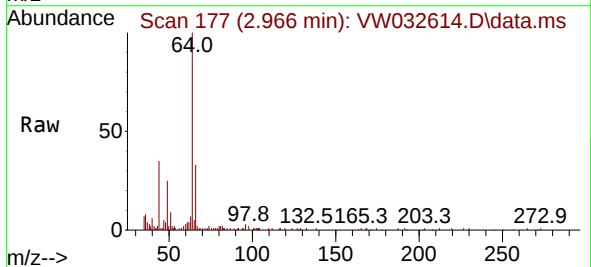
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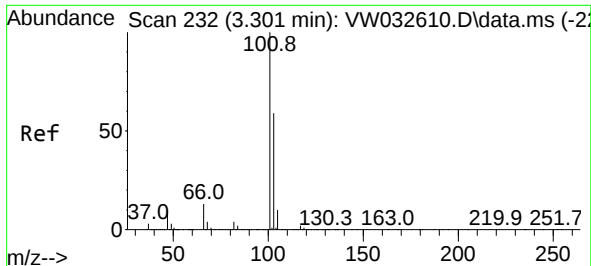
Tgt Ion: 94 Resp: 34018
Ion Ratio Lower Upper
94 100
96 82.8 75.4 113.2



#6
Chloroethane
Concen: 10.492 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 64 Resp: 31967
Ion Ratio Lower Upper
64 100
66 32.6 27.3 40.9

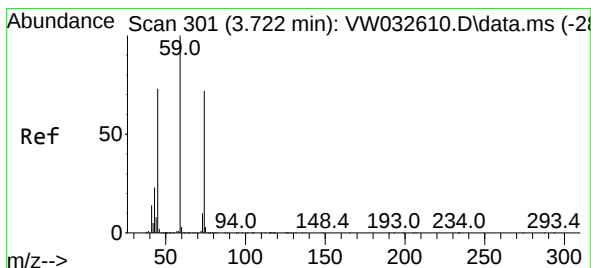
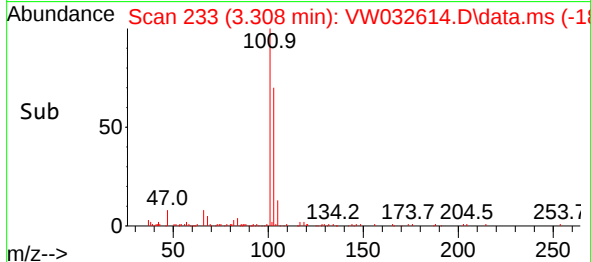
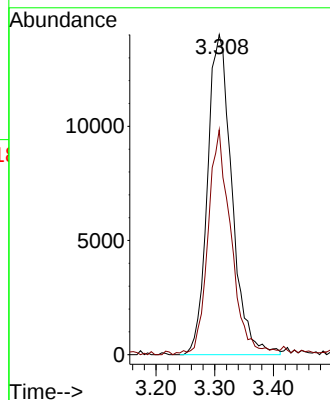
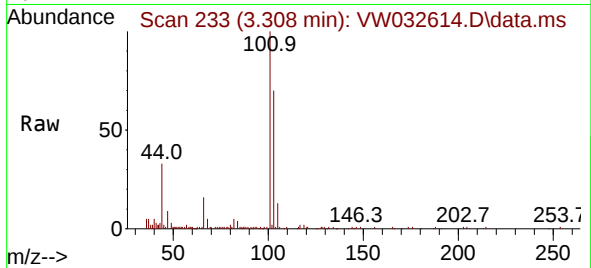




#7
Trichlorofluoromethane
Concen: 9.784 ug/l
RT: 3.308 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

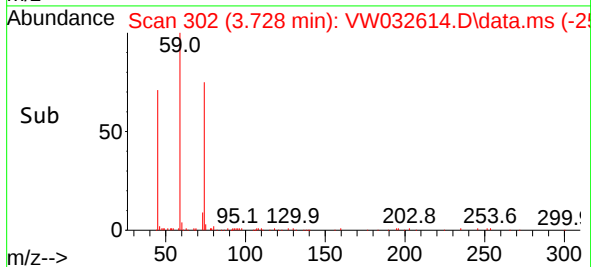
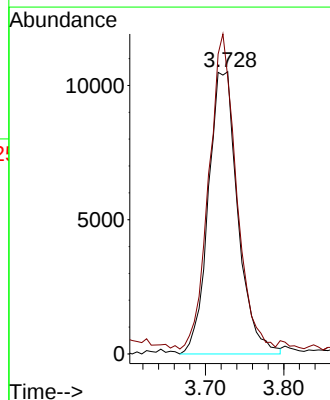
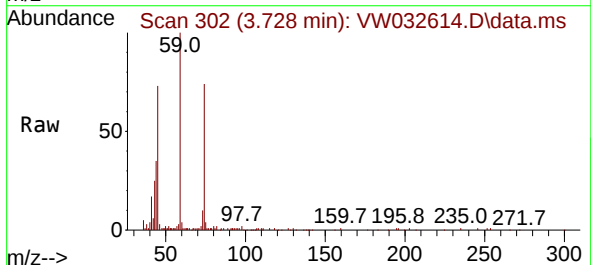
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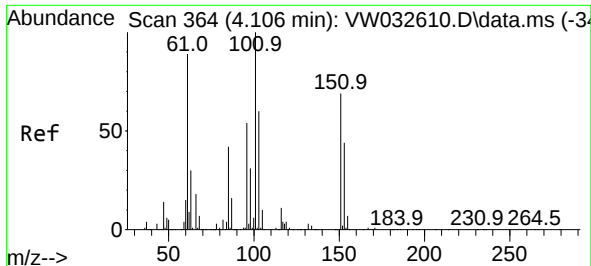
Tgt Ion:101 Resp: 40445
Ion Ratio Lower Upper
101 100
103 69.7 47.3 70.9



#8
Diethyl Ether
Concen: 9.937 ug/l
RT: 3.728 min Scan# 302
Delta R.T. 0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 74 Resp: 27506
Ion Ratio Lower Upper
74 100
45 103.5 52.4 157.2

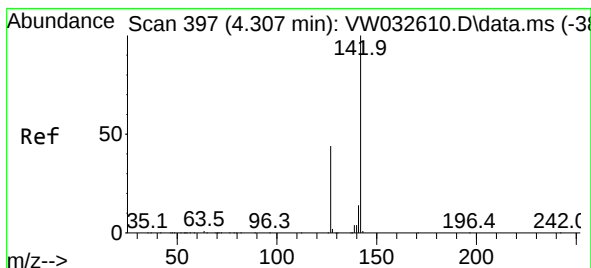
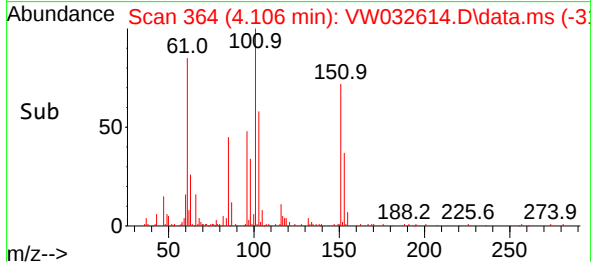
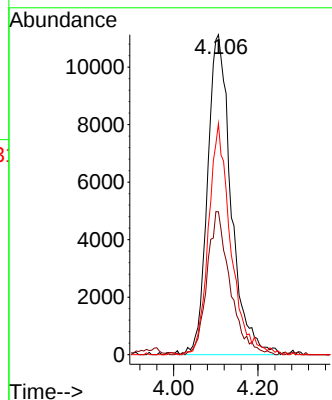
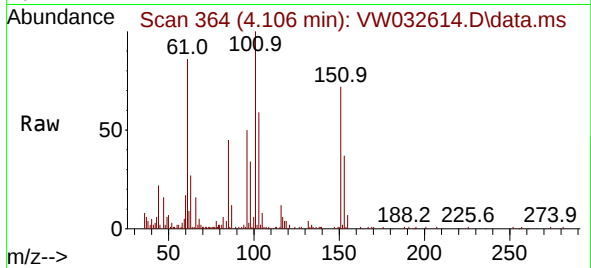




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.450 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
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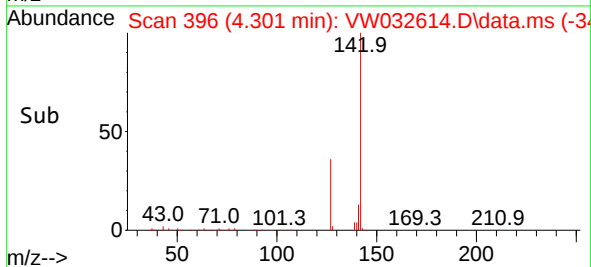
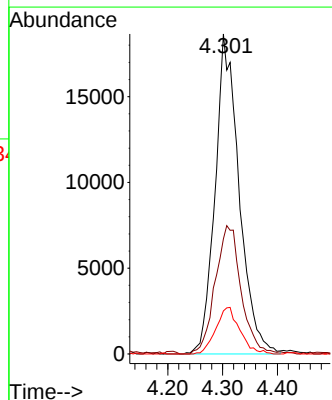
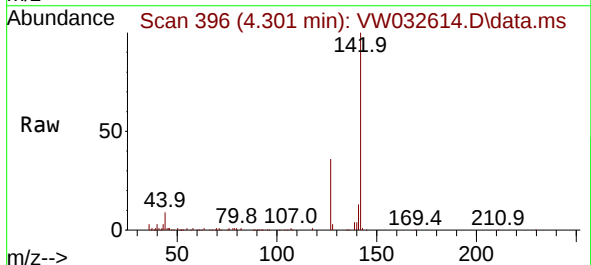
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

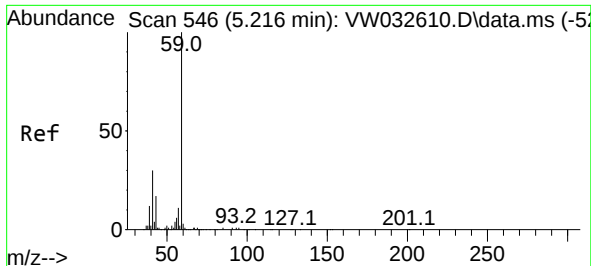
Tgt Ion:101 Resp: 43259
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 68.0 56.7 85.1



#10
Methyl Iodide
Concen: 9.842 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:142 Resp: 56734
Ion Ratio Lower Upper
142 100
127 43.4 36.0 54.0
141 14.5 11.6 17.4

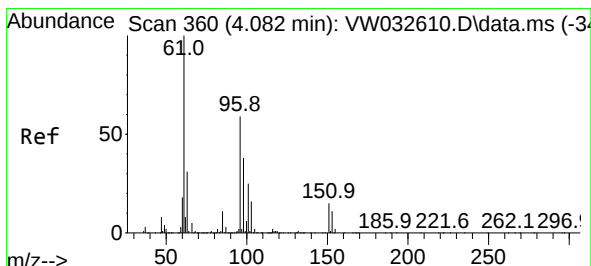
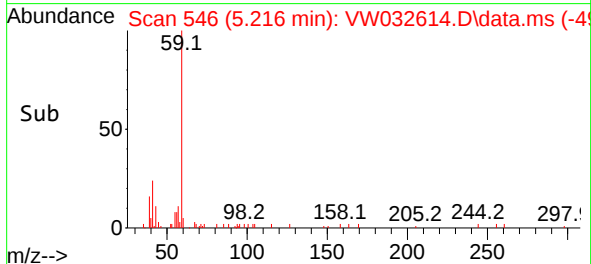
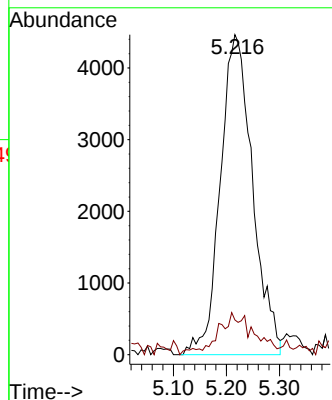
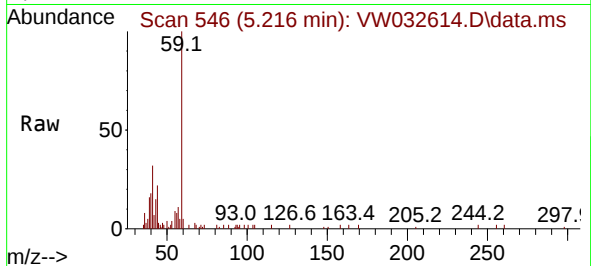




#11
Tert butyl alcohol
Concen: 50.246 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

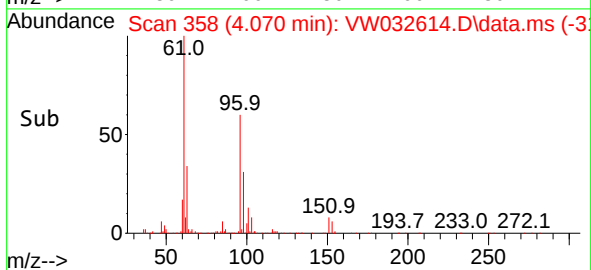
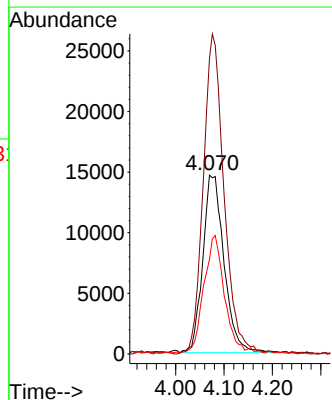
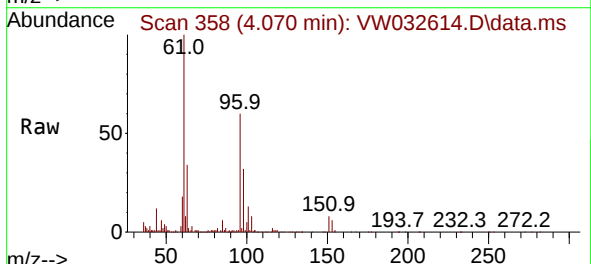
Instrument :
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ClientSampleId :
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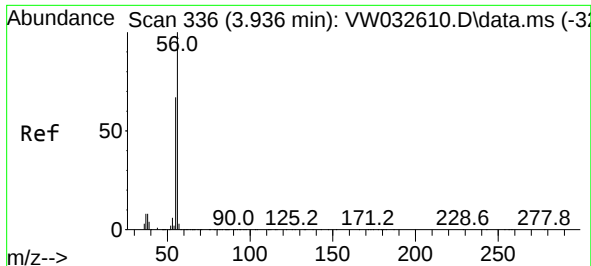
Tgt Ion: 59 Resp: 18850
Ion Ratio Lower Upper
59 100
57 10.8 9.4 14.0



#12
1,1-Dichloroethene
Concen: 10.217 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.012 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 96 Resp: 44805
Ion Ratio Lower Upper
96 100
61 166.0 134.6 202.0
98 52.8 51.1 76.7

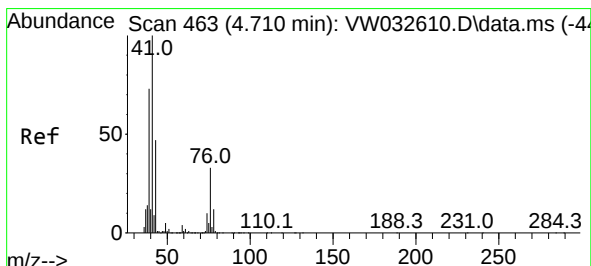
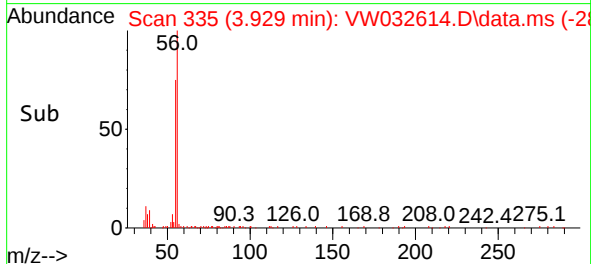
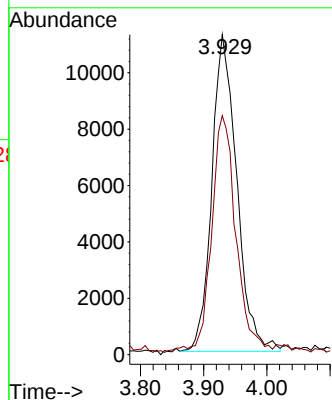
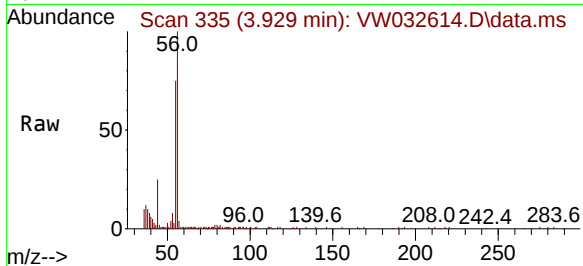




#13
Acrolein
Concen: 48.675 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

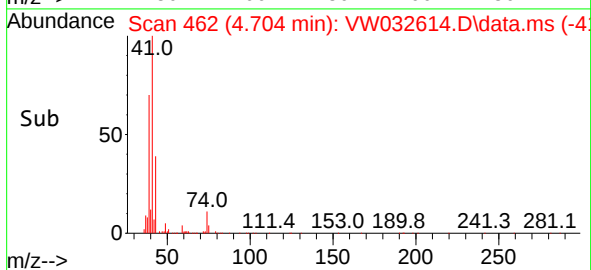
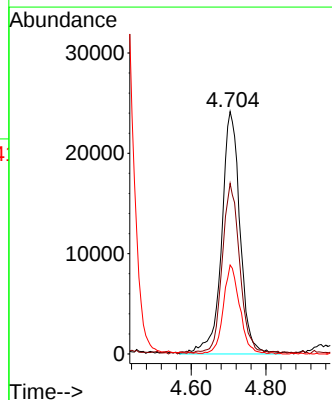
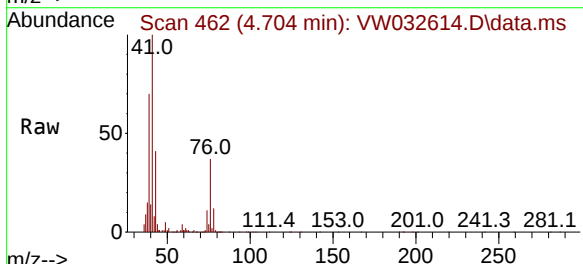
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

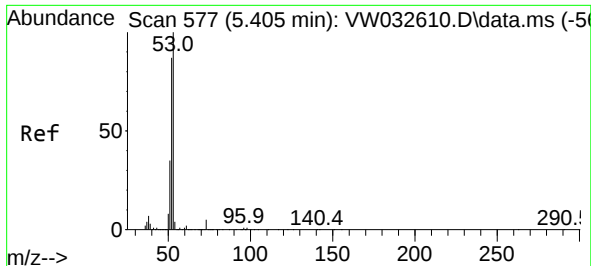
Tgt Ion: 56 Resp: 30738
Ion Ratio Lower Upper
56 100
55 73.2 56.0 84.0



#14
Allyl chloride
Concen: 10.125 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 41 Resp: 82544
Ion Ratio Lower Upper
41 100
39 66.0 54.2 81.2
76 32.0 26.3 39.5

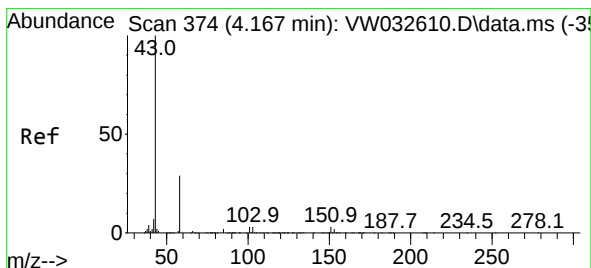
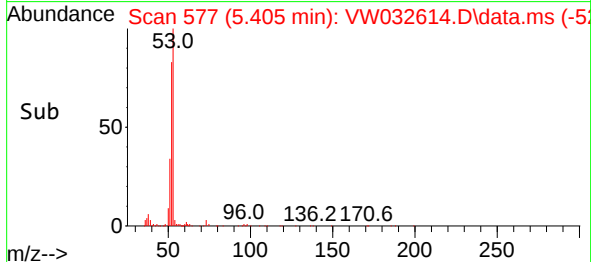
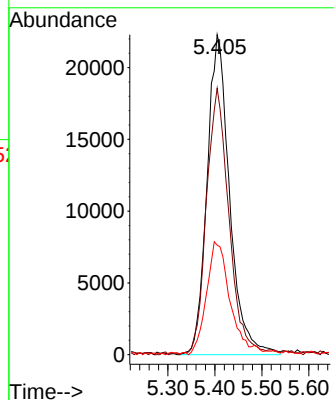
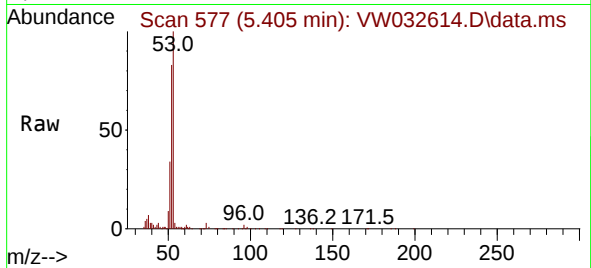




#15
Acrylonitrile
Concen: 48.034 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

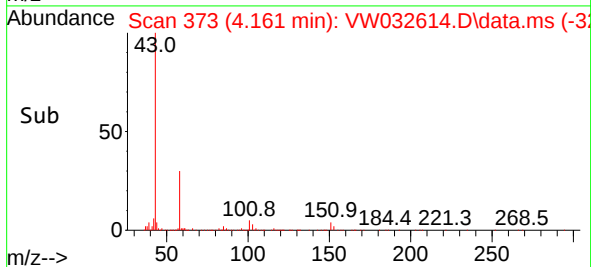
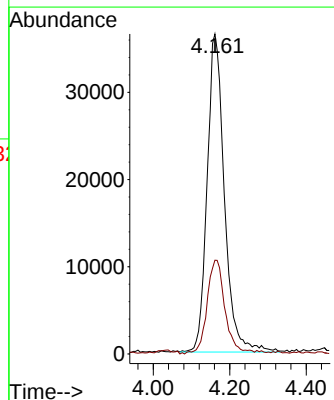
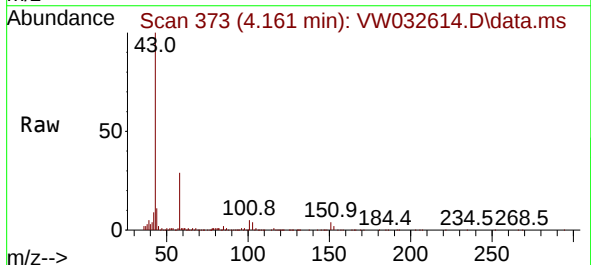
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

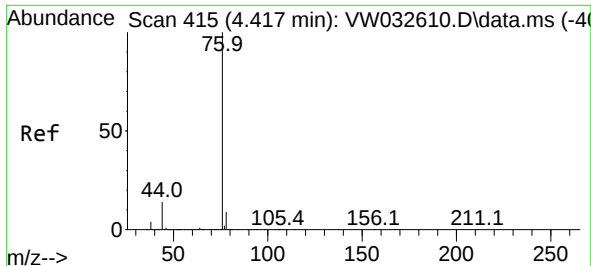
Tgt Ion: 53 Resp: 74302
Ion Ratio Lower Upper
53 100
52 83.5 66.7 100.1
51 37.3 29.8 44.6



#16
Acetone
Concen: 60.526 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 43 Resp: 114546
Ion Ratio Lower Upper
43 100
58 29.5 23.9 35.9

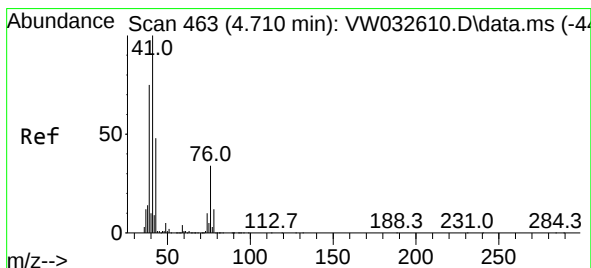
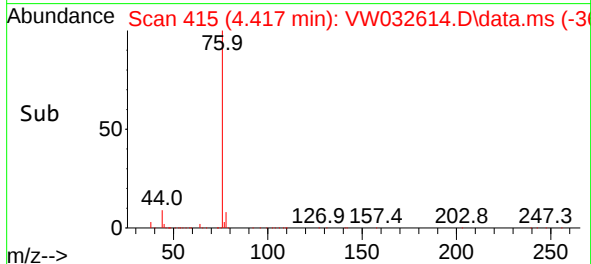
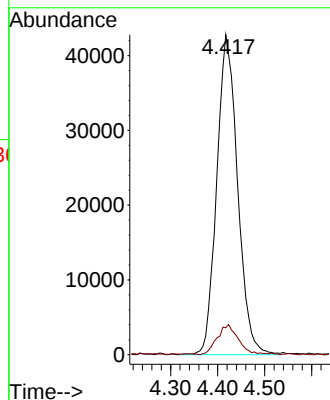
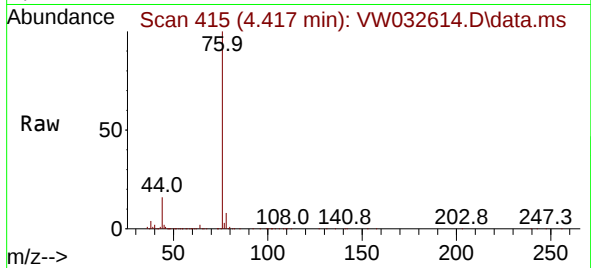




#17
Carbon Disulfide
Concen: 10.361 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

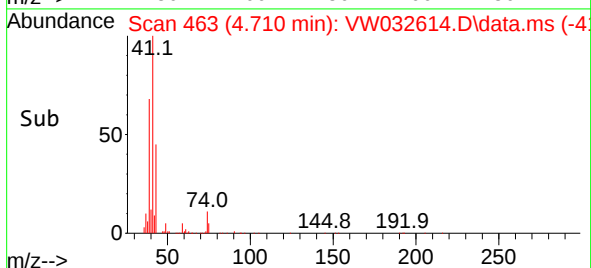
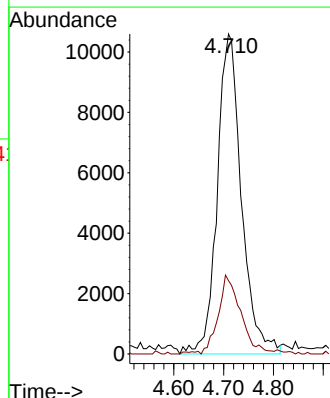
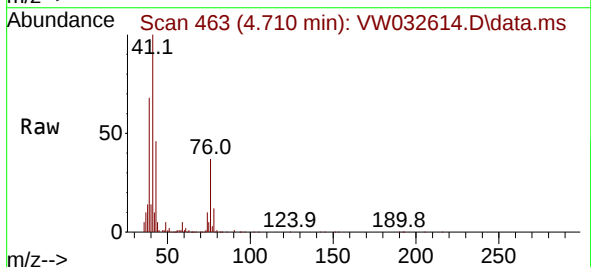
Instrument :
MSVOA_W
ClientSampleId :
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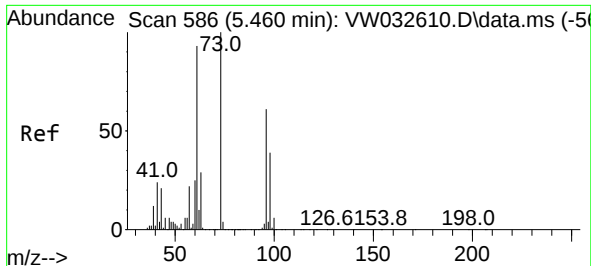
Tgt Ion: 76 Resp: 132055
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 9.682 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 43 Resp: 35745
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4

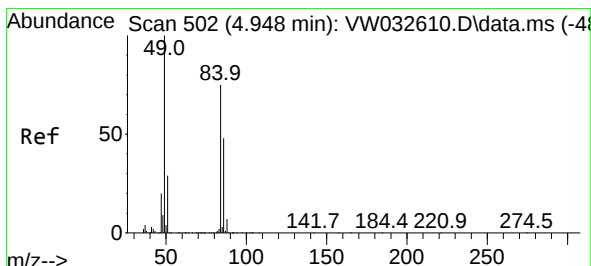
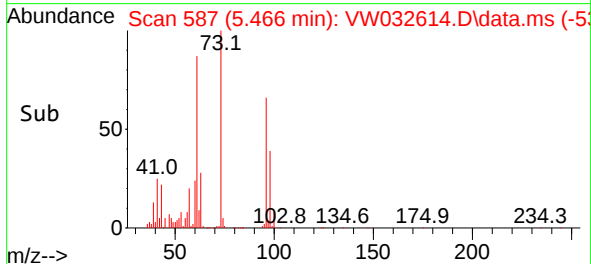
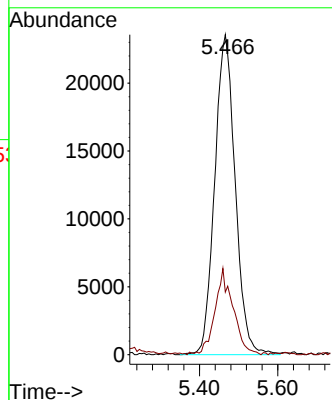
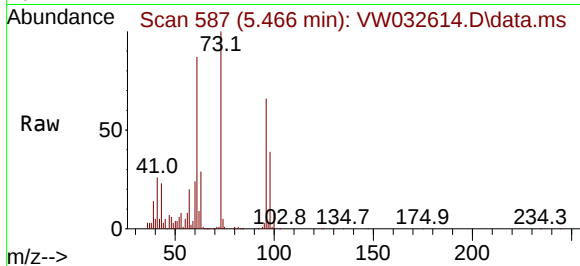




#19
Methyl tert-butyl Ether
Concen: 9.848 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

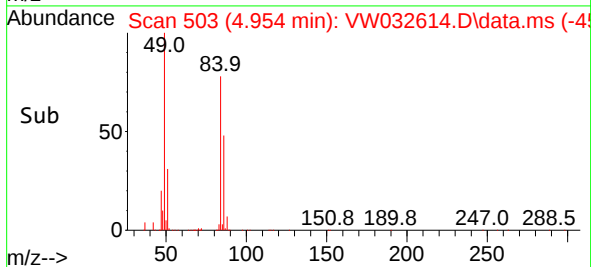
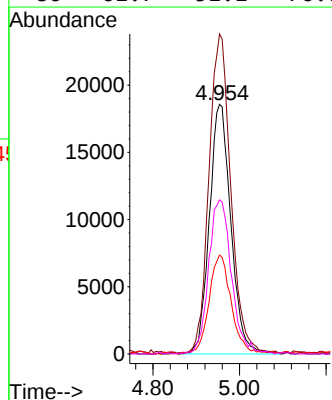
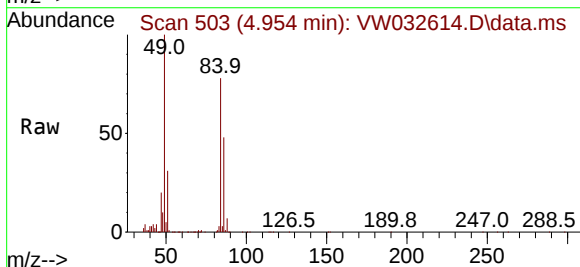
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

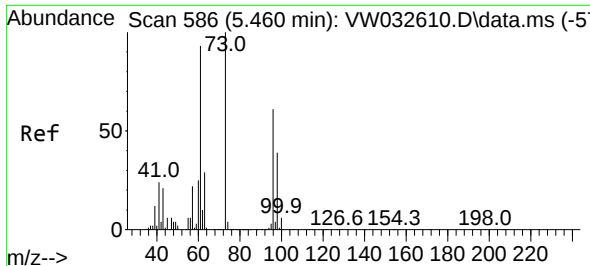
Tgt Ion: 73 Resp: 85743
Ion Ratio Lower Upper
73 100
57 19.2 17.3 25.9



#20
Methylene Chloride
Concen: 11.104 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 84 Resp: 64155
Ion Ratio Lower Upper
84 100
49 127.7 106.9 160.3
51 39.6 31.4 47.2
86 61.7 51.1 76.7

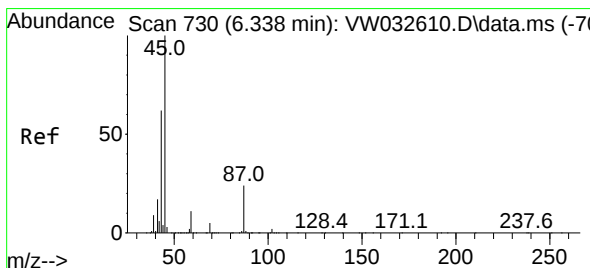
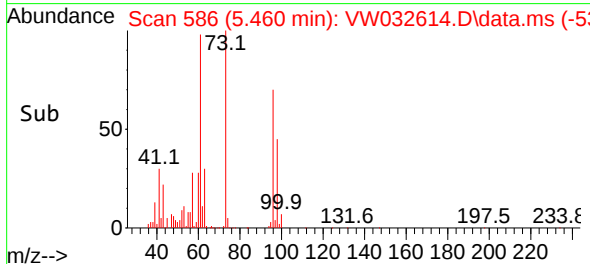
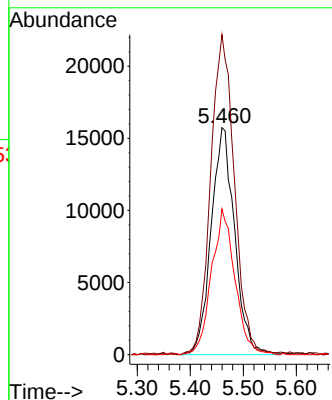
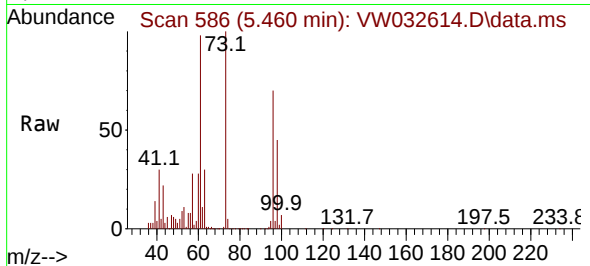




#21
trans-1,2-Dichloroethene
Concen: 10.088 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

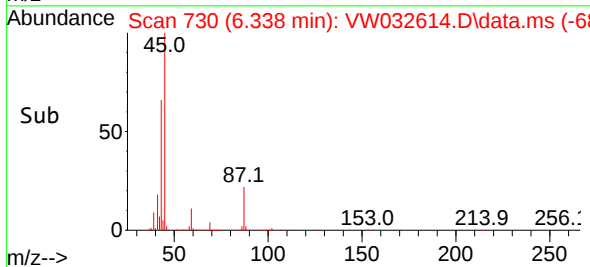
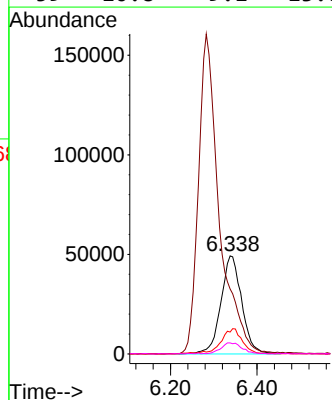
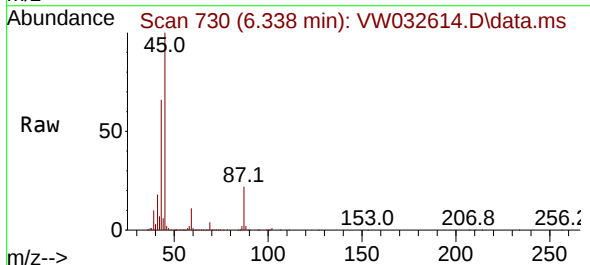
Instrument :
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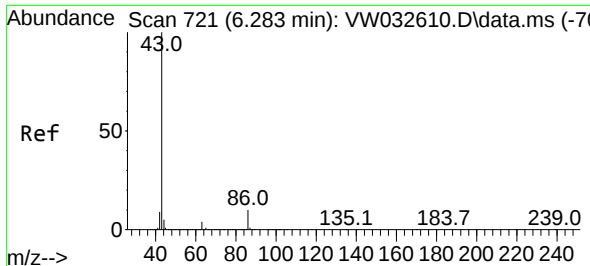
Tgt Ion: 96 Resp: 48315
Ion Ratio Lower Upper
96 100
61 140.9 121.7 182.5
98 64.1 50.6 76.0



#22
Diisopropyl ether
Concen: 9.996 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 45 Resp: 165011
Ion Ratio Lower Upper
45 100
43 65.9 49.1 73.7
87 22.2 19.7 29.5
59 10.8 9.1 13.7

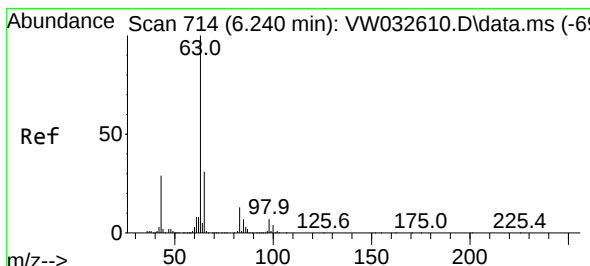
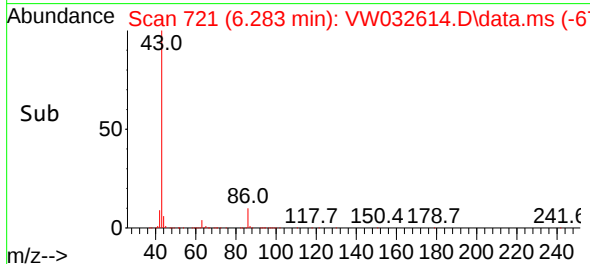
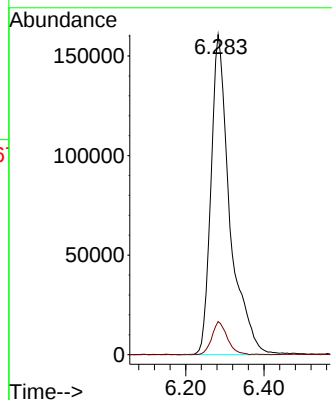
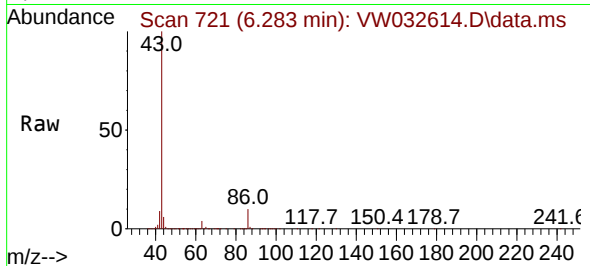




#23
 Vinyl Acetate
 Concen: 48.129 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032614.D
 Acq: 10 Dec 2025 13:25

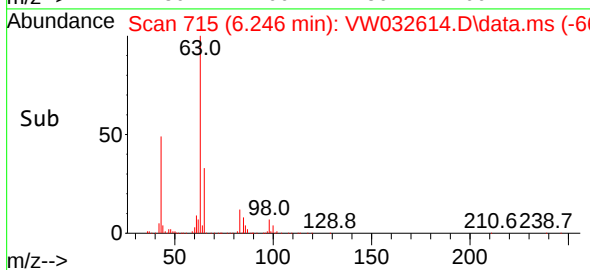
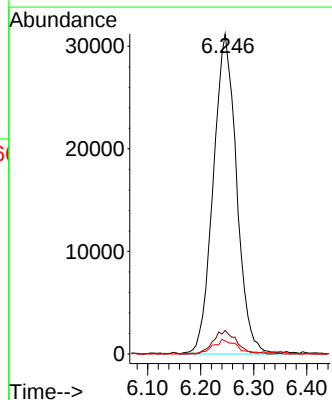
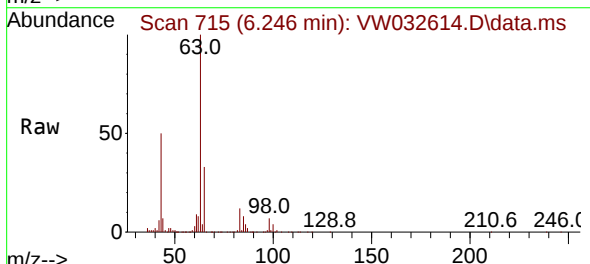
Instrument :
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 ClientSampleId :
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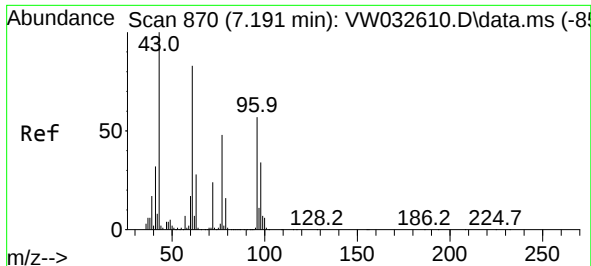
Tgt Ion: 43 Resp: 537188
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 10.096 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032614.D
 Acq: 10 Dec 2025 13:25

Tgt Ion: 63 Resp: 95308
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.1 2.1 6.5

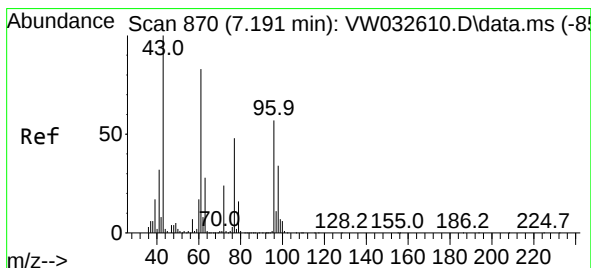
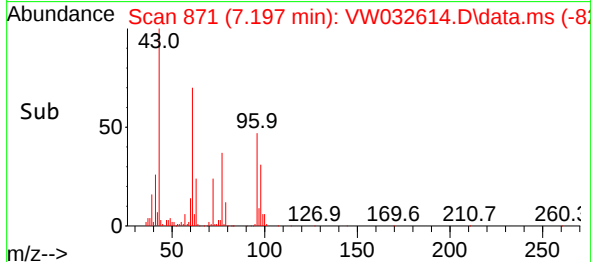
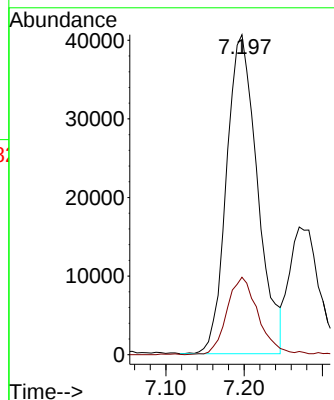
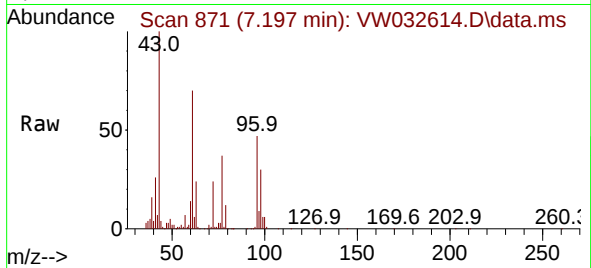




#25
2-Butanone
Concen: 50.192 ug/l
RT: 7.197 min Scan# 811
Delta R.T. 0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

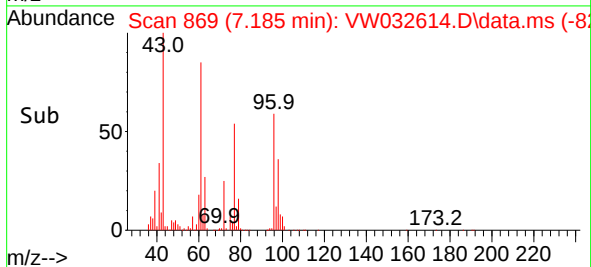
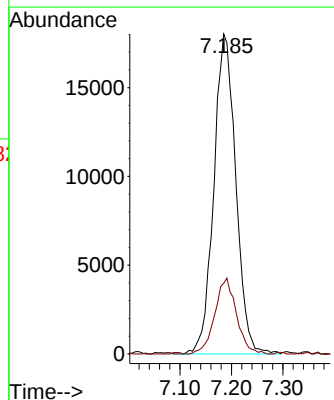
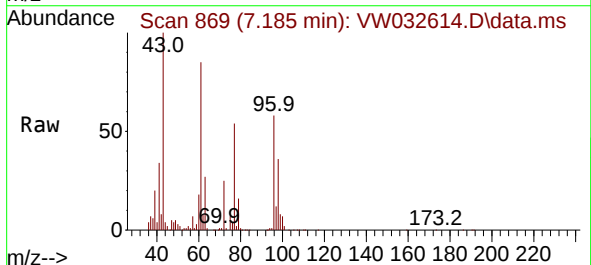
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

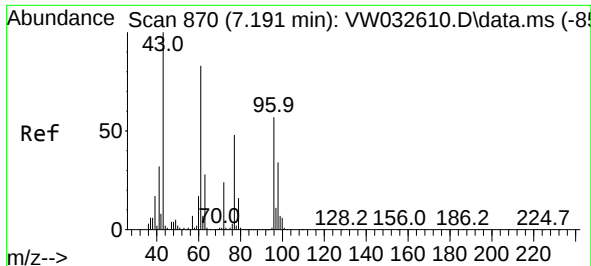
Tgt Ion: 43 Resp: 111614
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.0



#26
2,2-Dichloropropane
Concen: 10.093 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 77 Resp: 53497
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.9

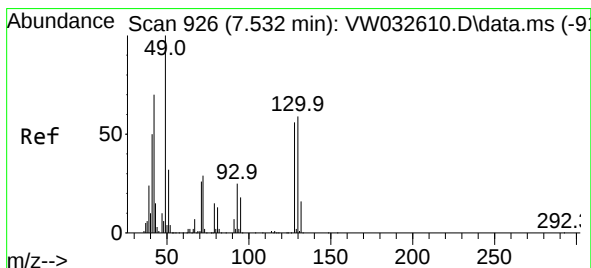
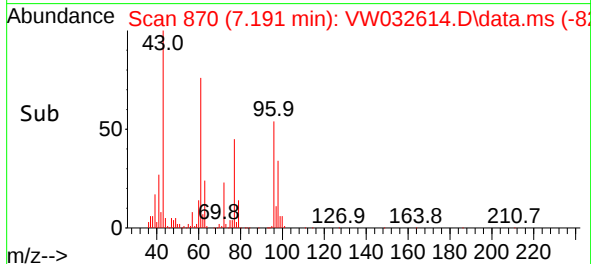
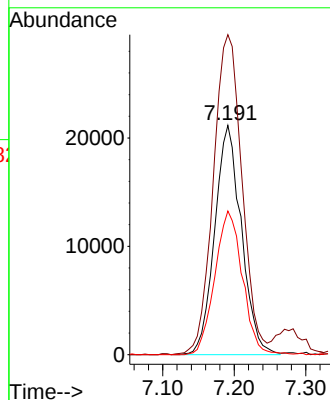
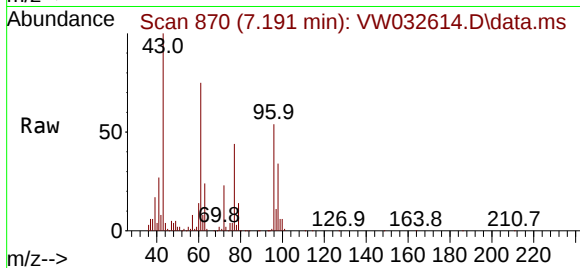




#27
 cis-1,2-Dichloroethene
 Concen: 9.794 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032614.D
 Acq: 10 Dec 2025 13:25

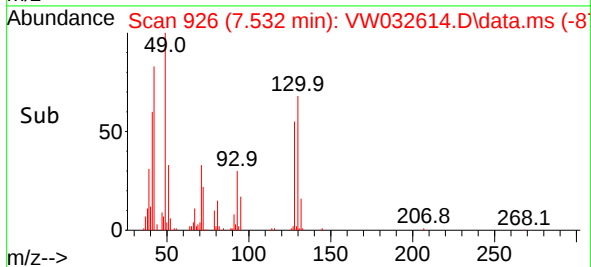
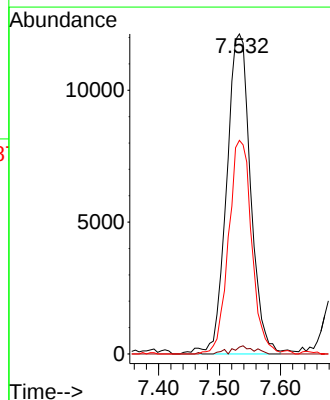
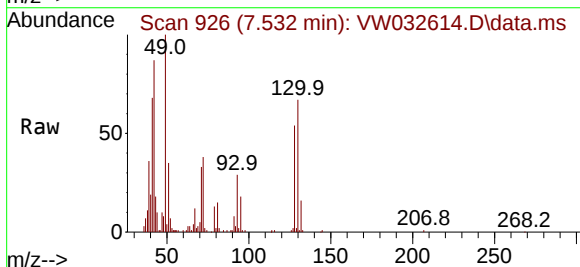
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

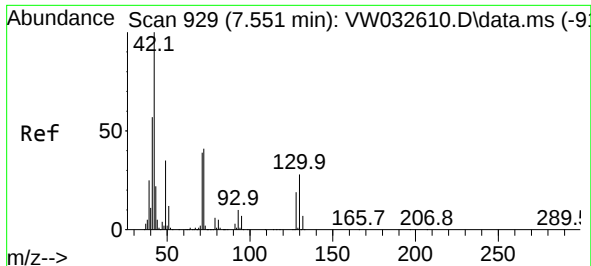
Tgt Ion: 96 Resp: 54773
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 295.8
 98 64.9 0.0 127.2



#28
 Bromochloromethane
 Concen: 8.834 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032614.D
 Acq: 10 Dec 2025 13:25

Tgt Ion: 49 Resp: 33132
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 64.3 53.3 79.9





#29

Tetrahydrofuran

Concen: 47.718 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

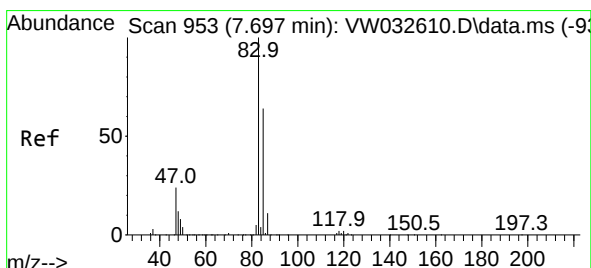
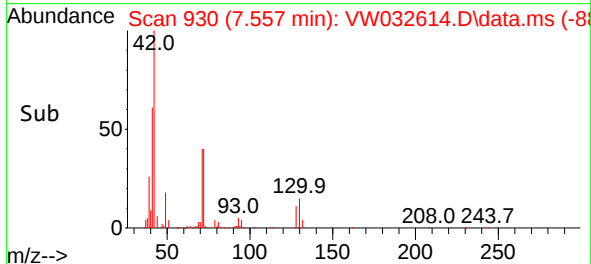
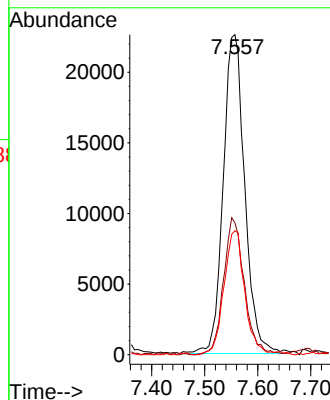
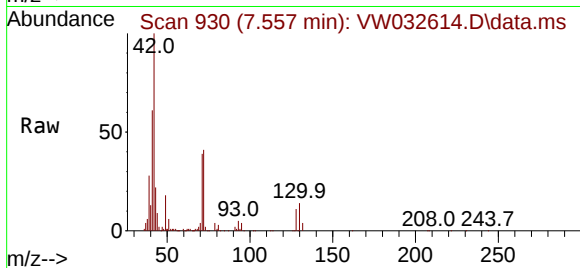
Tgt Ion: 42 Resp: 63704

Ion Ratio Lower Upper

42 100

72 41.3 33.2 49.8

71 37.4 30.7 46.1



#30

Chloroform

Concen: 10.092 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.000 min

Lab File: VW032614.D

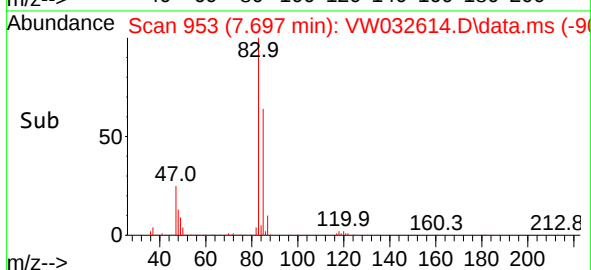
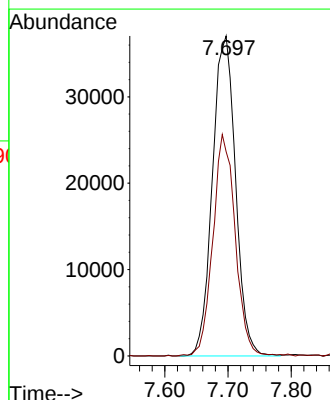
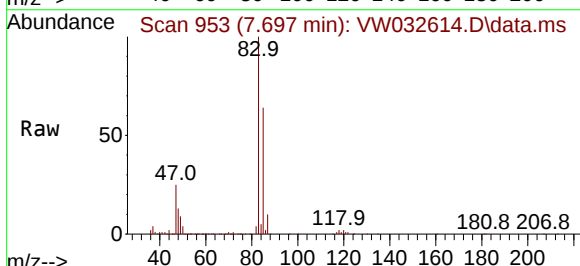
Acq: 10 Dec 2025 13:25

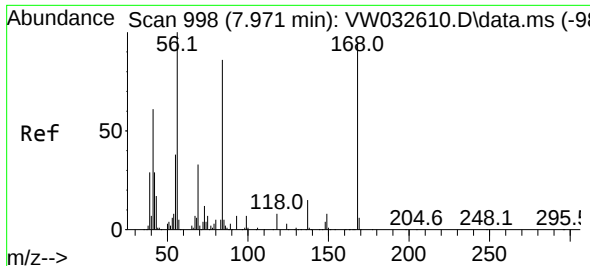
Tgt Ion: 83 Resp: 93979

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.2

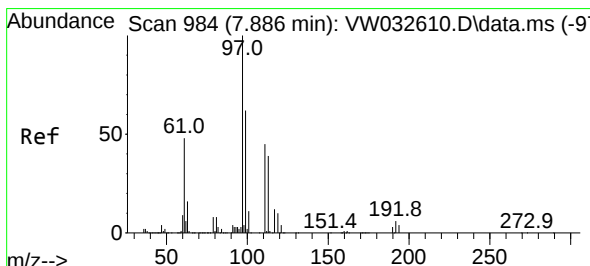
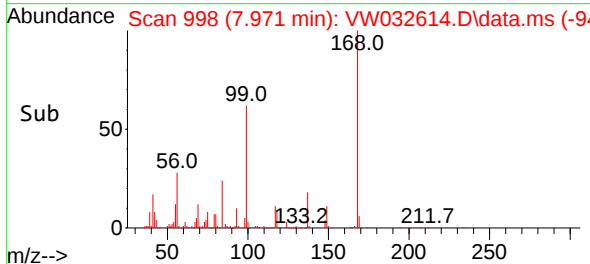
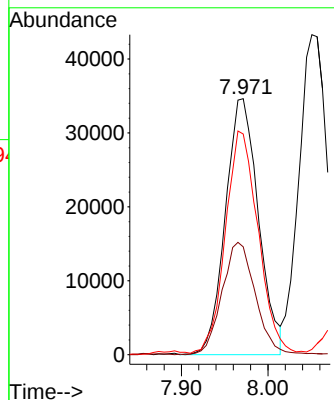
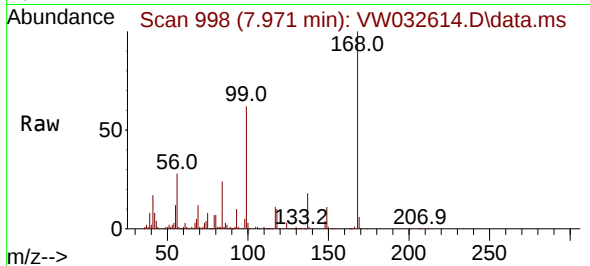




#31
Cyclohexane
Concen: 10.558 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

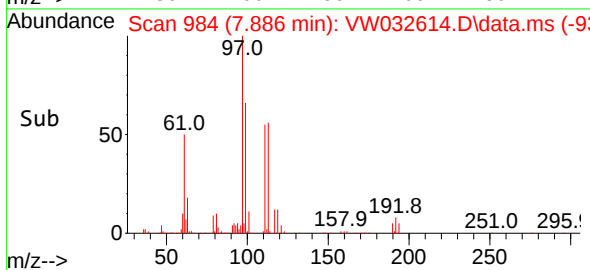
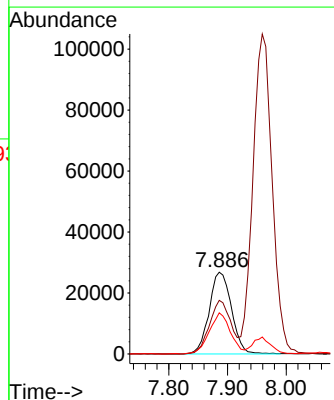
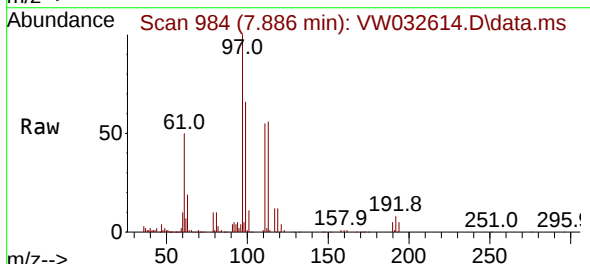
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

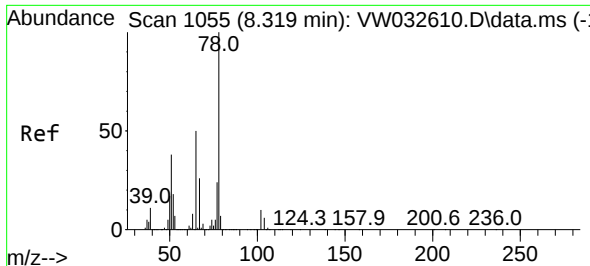
Tgt Ion: 56 Resp: 91870
Ion Ratio Lower Upper
56 100
69 41.6 26.2 39.2#
84 85.3 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 10.335 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 97 Resp: 70764
Ion Ratio Lower Upper
97 100
99 62.0 50.8 76.2
61 47.7 37.8 56.8

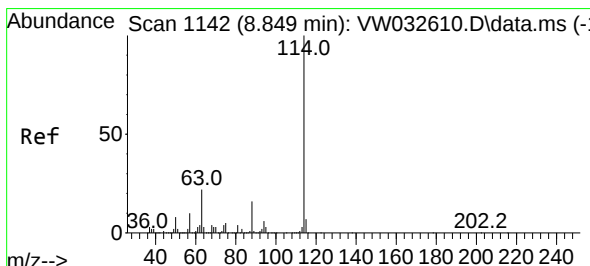
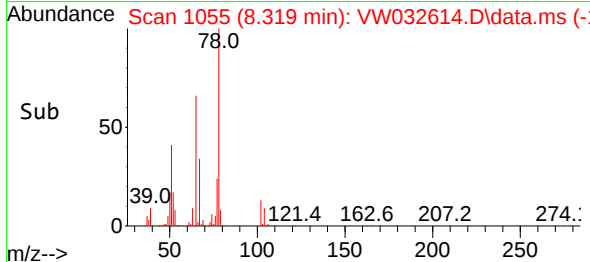
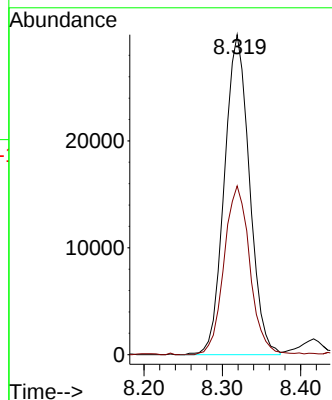
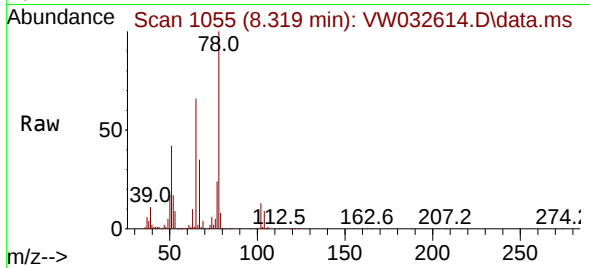




#33
 1,2-Dichloroethane-d4
 Concen: 14.354 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032614.D
 Acq: 10 Dec 2025 13:25

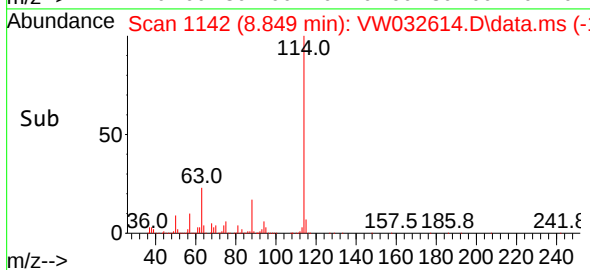
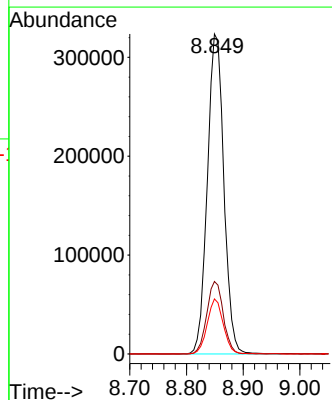
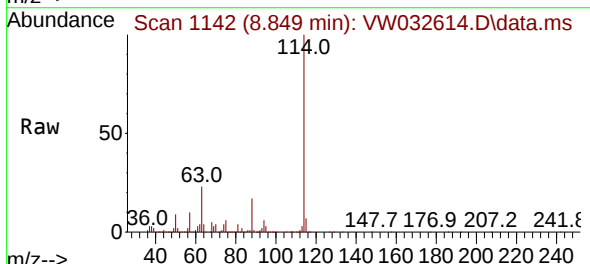
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

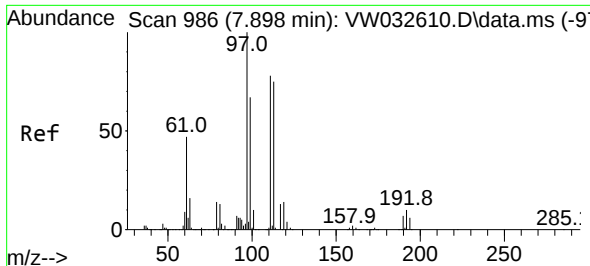
Tgt Ion: 65 Resp: 66655
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032614.D
 Acq: 10 Dec 2025 13:25

Tgt Ion: 114 Resp: 654860
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.6
 88 17.2 0.0 31.8

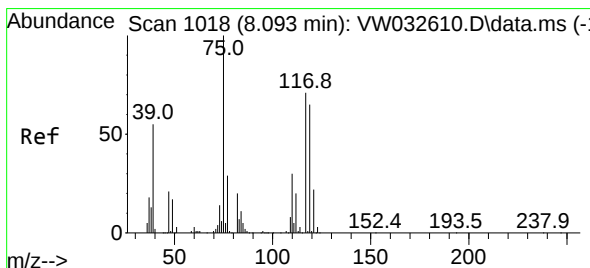
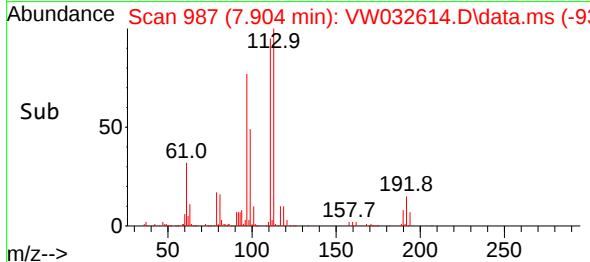
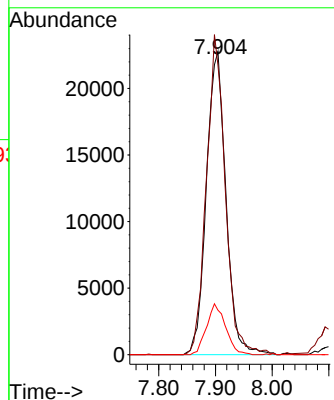
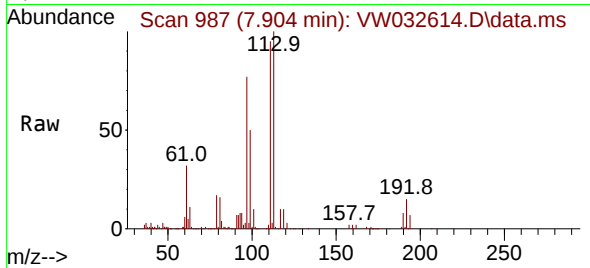




#35
Dibromofluoromethane
Concen: 14.245 ug/l
RT: 7.904 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

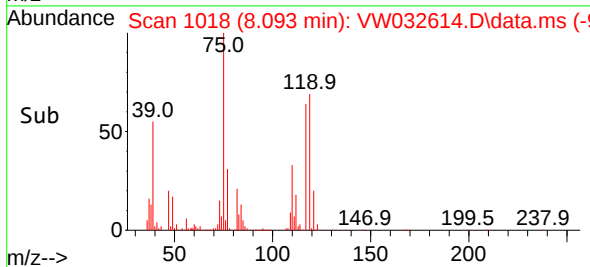
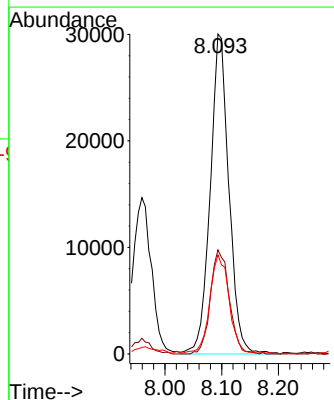
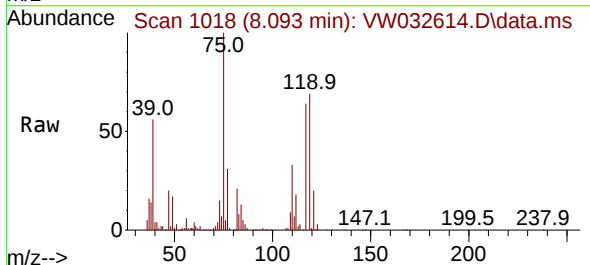
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

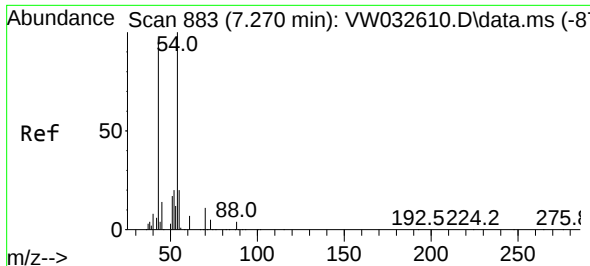
Tgt Ion:113 Resp: 54716
Ion Ratio Lower Upper
113 100
111 101.8 85.2 127.8
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 10.191 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 75 Resp: 68706
Ion Ratio Lower Upper
75 100
110 32.7 16.3 48.9
77 31.4 24.6 37.0

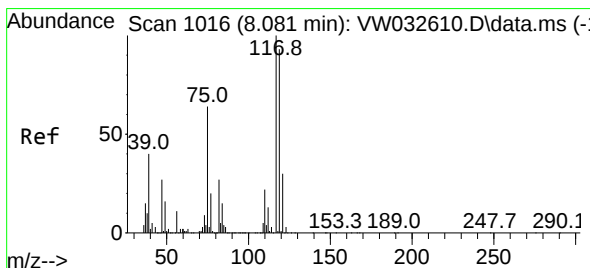
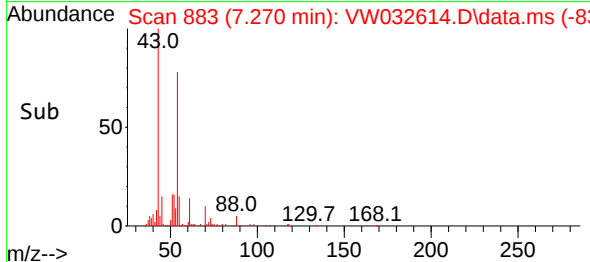
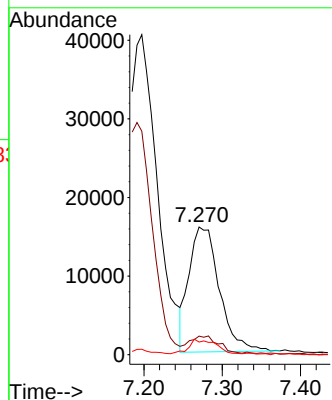
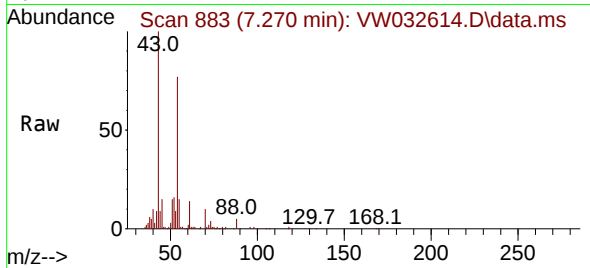




#37
Ethyl Acetate
Concen: 9.257 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

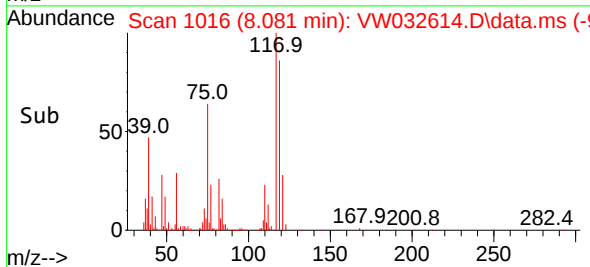
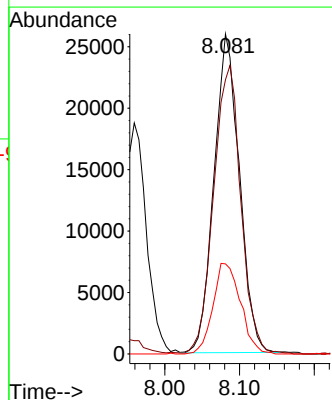
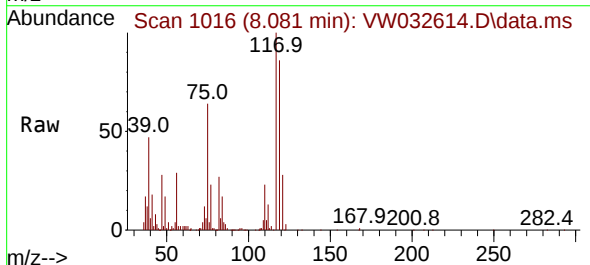
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

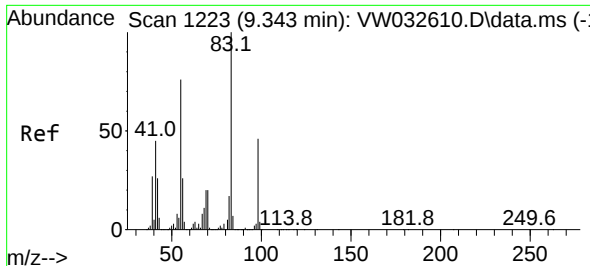
Tgt Ion: 43 Resp: 42749
Ion Ratio Lower Upper
43 100
61 13.4 10.3 15.5
70 10.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 9.857 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 117 Resp: 61467
Ion Ratio Lower Upper
117 100
119 85.8 74.3 111.5
121 28.3 23.6 35.4





#39

Methylcyclohexane

Concen: 9.545 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

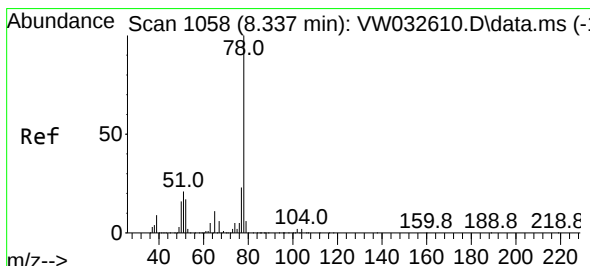
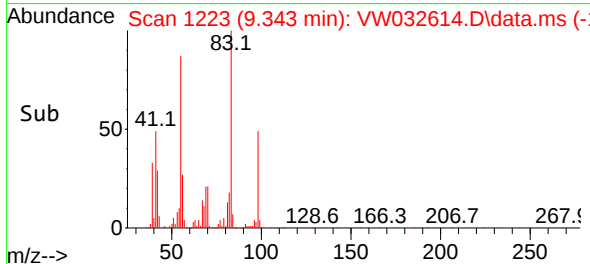
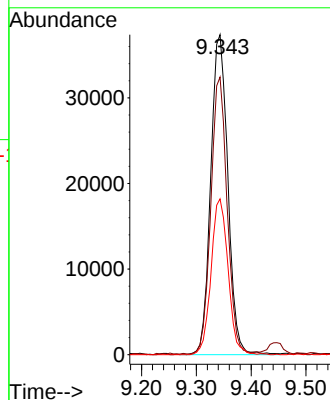
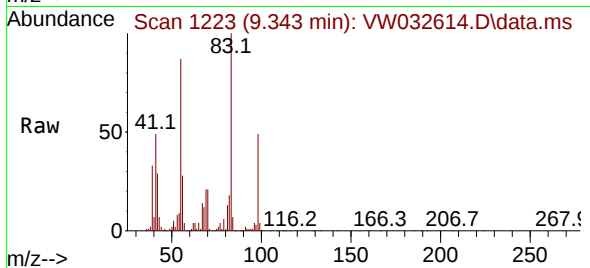
Tgt Ion: 83 Resp: 80931

Ion Ratio Lower Upper

83 100

55 86.6 61.2 91.8

98 48.7 37.0 55.4



#40

Benzene

Concen: 10.042 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032614.D

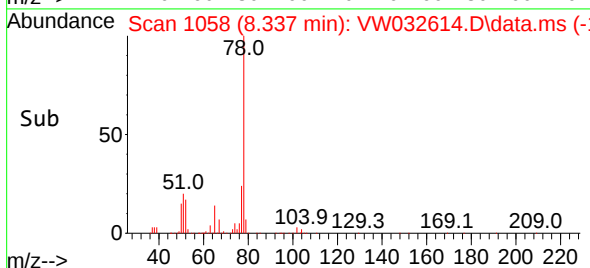
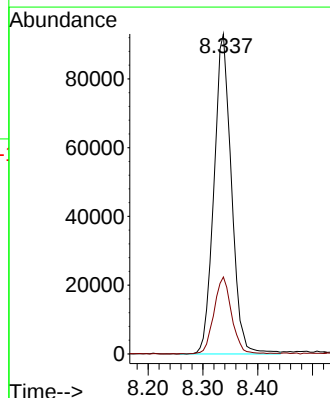
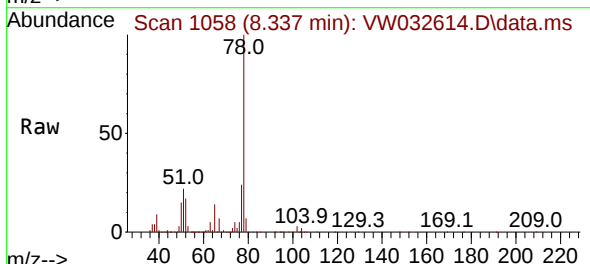
Acq: 10 Dec 2025 13:25

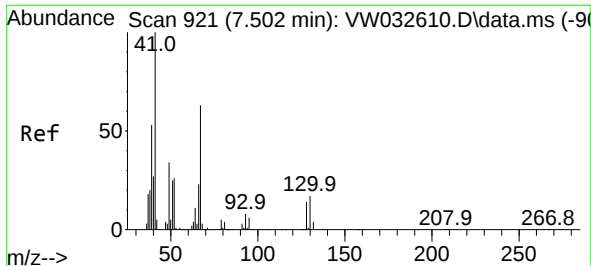
Tgt Ion: 78 Resp: 205390

Ion Ratio Lower Upper

78 100

77 24.0 18.6 28.0

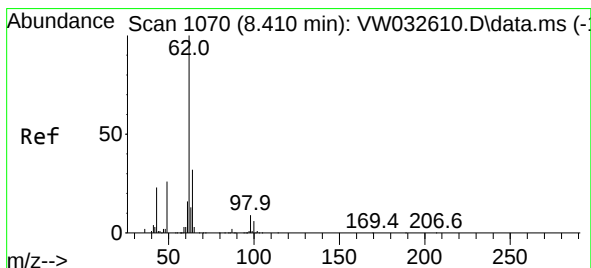
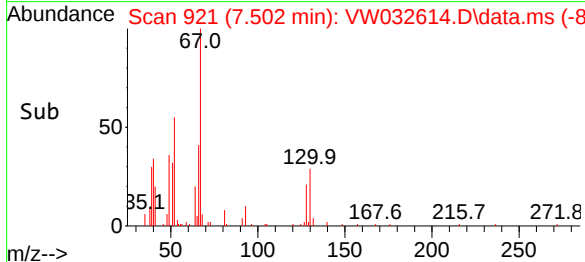
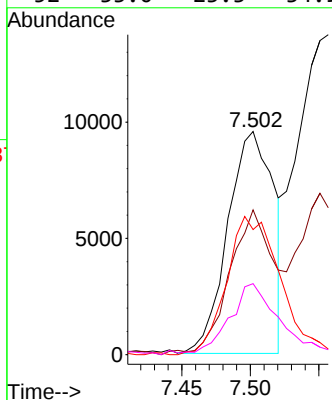
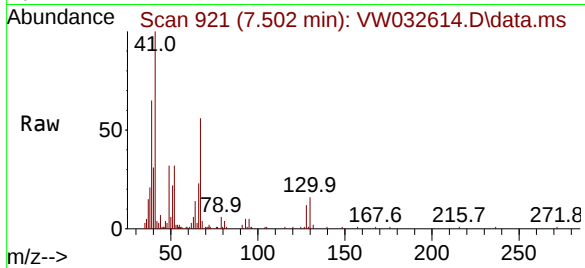




#41
Methacrylonitrile
Concen: 9.003 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

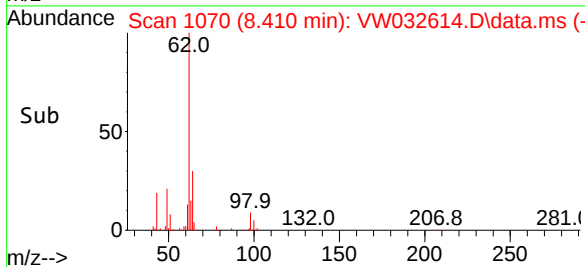
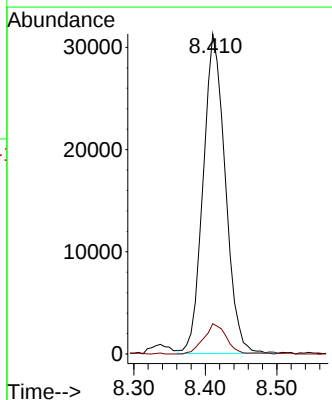
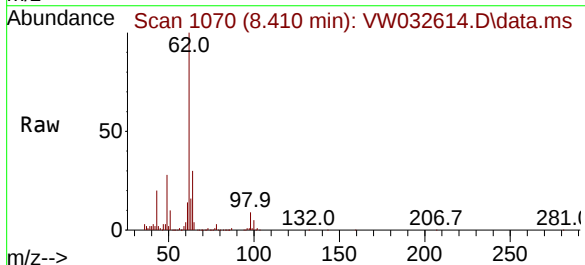
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

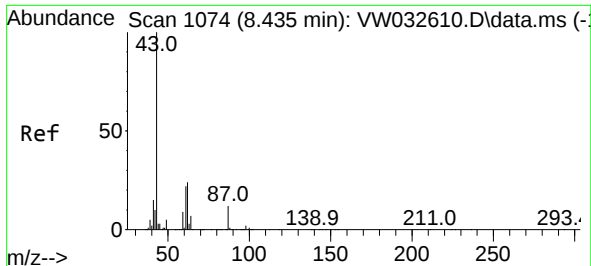
Tgt Ion:	41	Resp:	22223
Ion	Ratio	Lower	Upper
41	100		
39	66.3	47.3	70.9
67	72.7	55.9	83.9
52	33.0	23.3	34.9



#42
1,2-Dichloroethane
Concen: 10.337 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:	62	Resp:	67316
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8

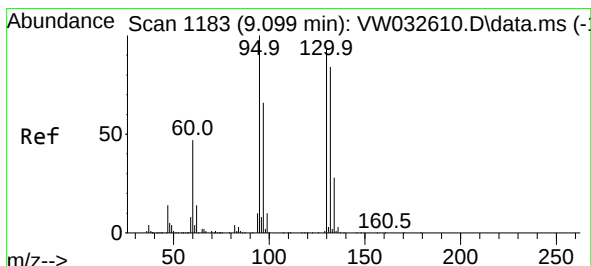
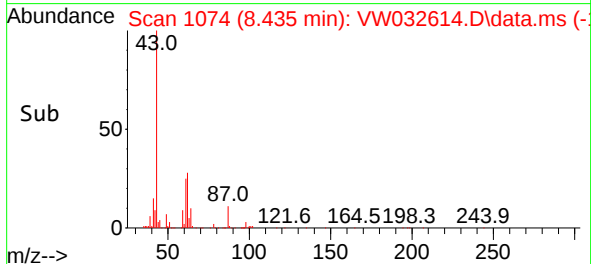
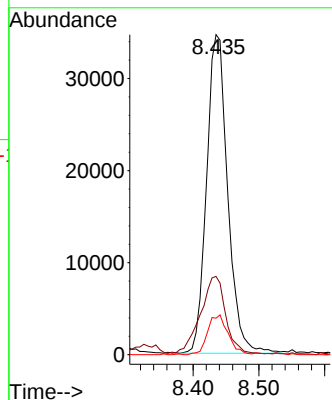
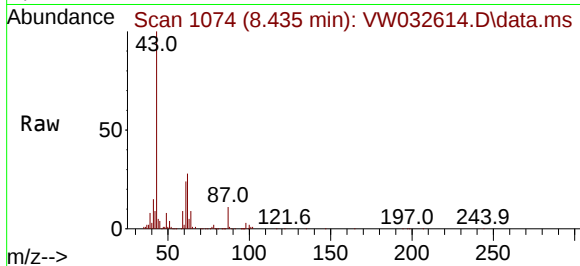




#43
Isopropyl Acetate
Concen: 9.445 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

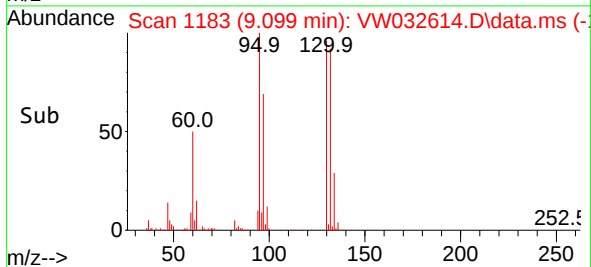
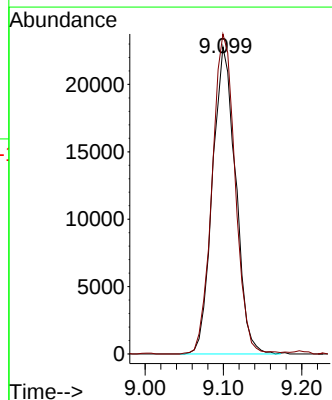
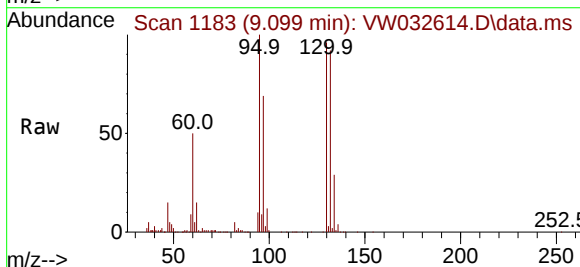
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

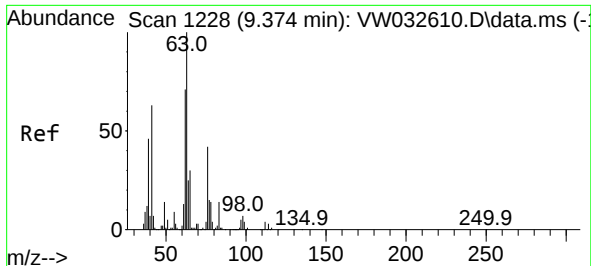
Tgt Ion: 43 Resp: 77353
Ion Ratio Lower Upper
43 100
61 29.0 22.7 34.1
87 12.1 9.6 14.4



#44
Trichloroethene
Concen: 9.997 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:130 Resp: 46690
Ion Ratio Lower Upper
130 100
95 104.2 0.0 215.6

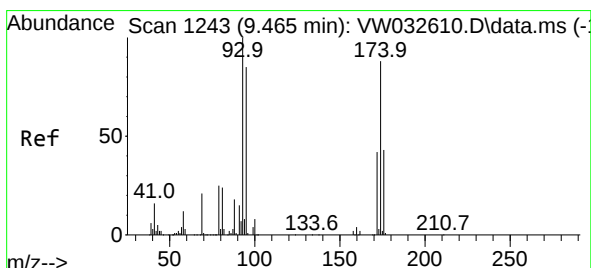
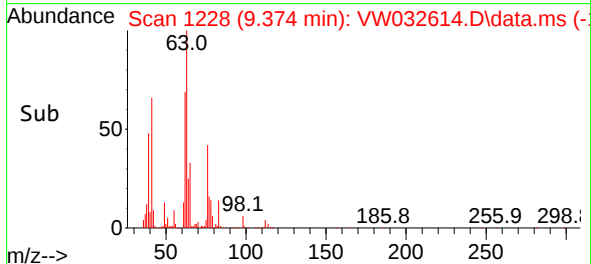
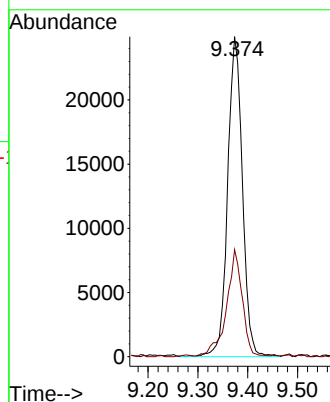
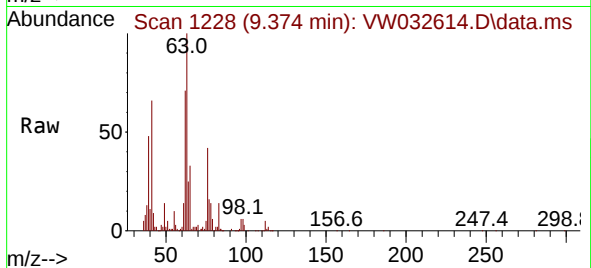




#45
1,2-Dichloropropane
Concen: 9.910 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

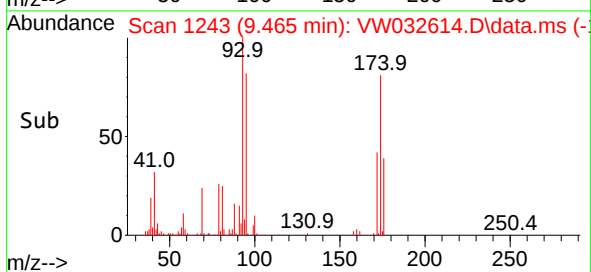
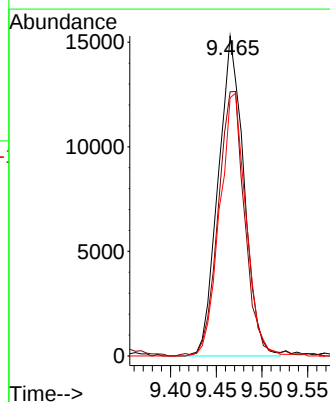
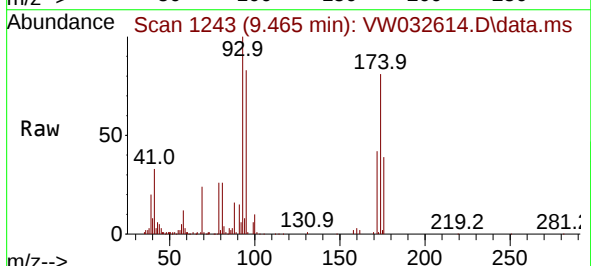
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

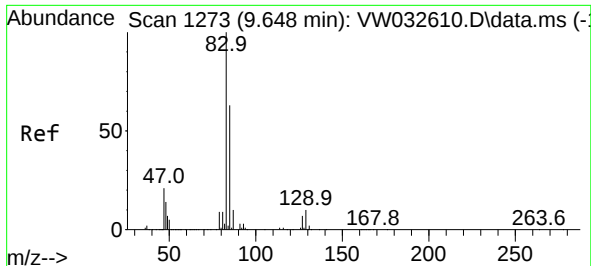
Tgt Ion: 63 Resp: 51291
Ion Ratio Lower Upper
63 100
65 33.2 23.8 35.6



#46
Dibromomethane
Concen: 9.860 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 93 Resp: 29898
Ion Ratio Lower Upper
93 100
95 85.7 67.0 100.4
174 83.6 67.6 101.4

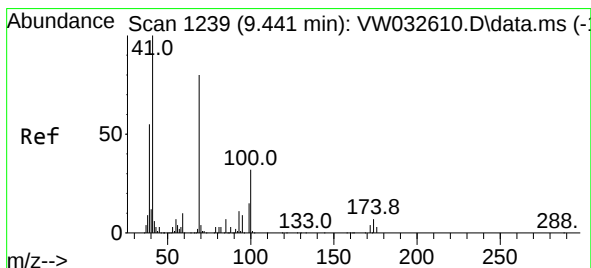
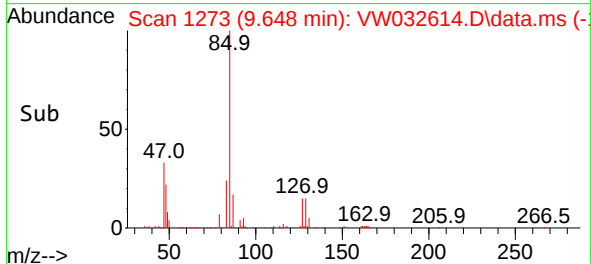
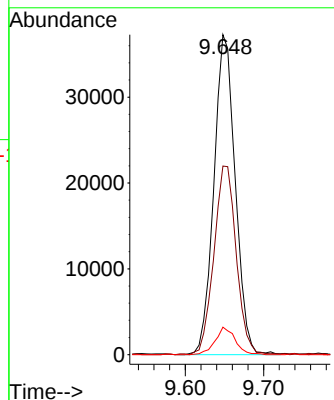
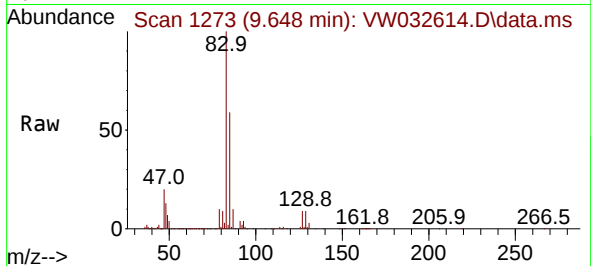




#47
Bromodichloromethane
Concen: 10.029 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

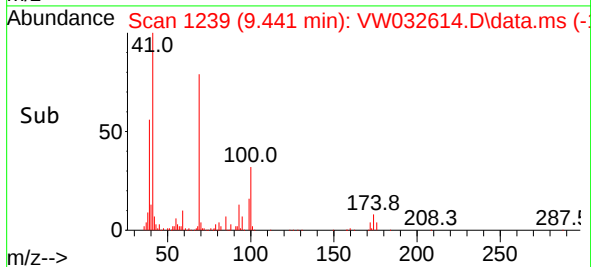
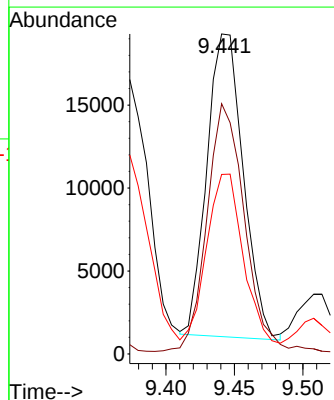
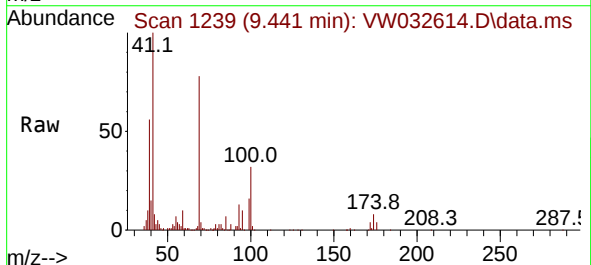
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

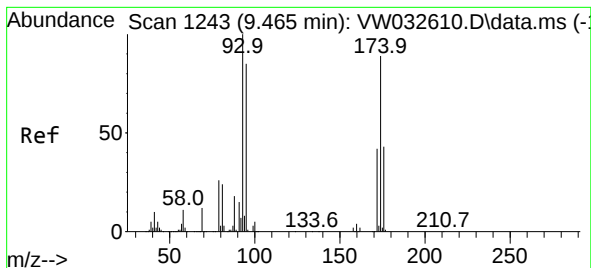
Tgt Ion: 83 Resp: 70742
Ion Ratio Lower Upper
83 100
85 58.7 50.7 76.1
127 8.6 6.0 9.0



#48
Methyl methacrylate
Concen: 8.701 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 41 Resp: 33636
Ion Ratio Lower Upper
41 100
69 85.7 67.9 101.9
39 56.2 43.8 65.8





#49

1,4-Dioxane

Concen: 183.931 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

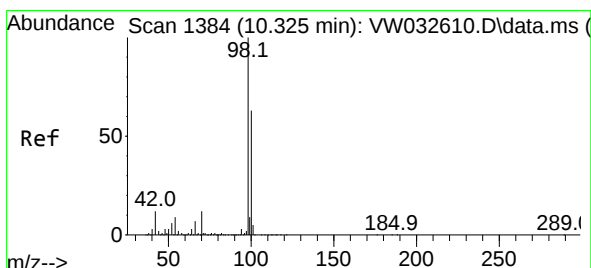
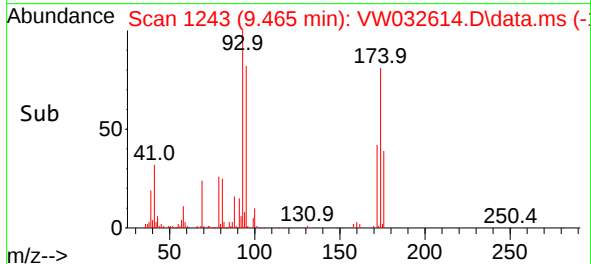
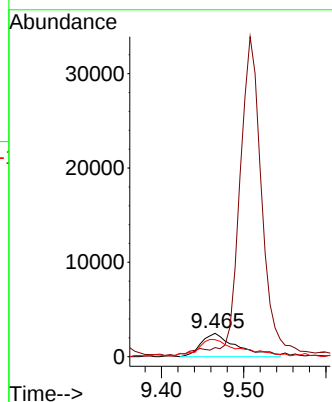
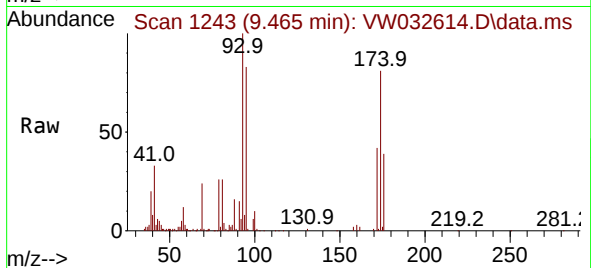
Tgt Ion: 88 Resp: 7482

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 82.0 63.8 95.8



#50

Toluene-d8

Concen: 11.912 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032614.D

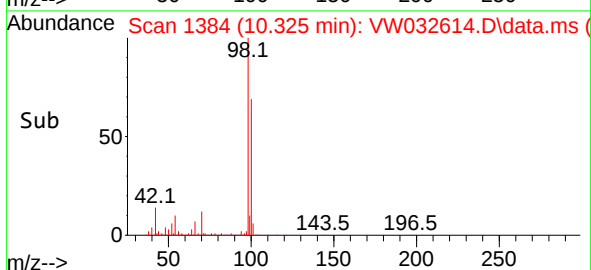
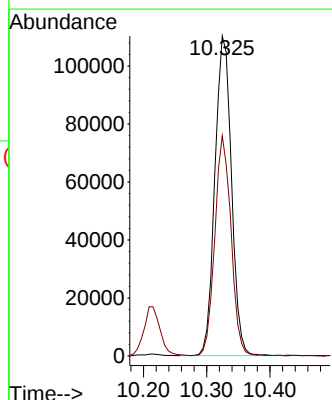
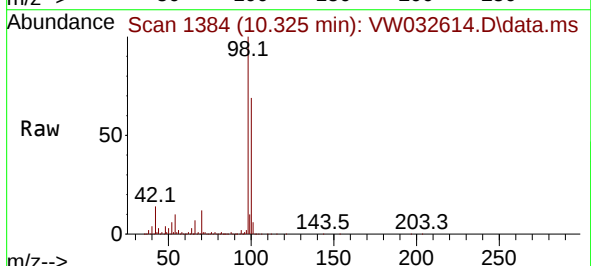
Acq: 10 Dec 2025 13:25

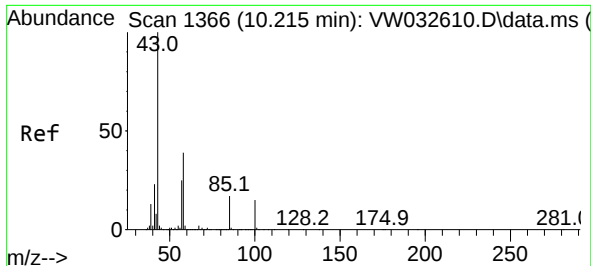
Tgt Ion: 98 Resp: 200199

Ion Ratio Lower Upper

98 100

100 67.1 52.2 78.2

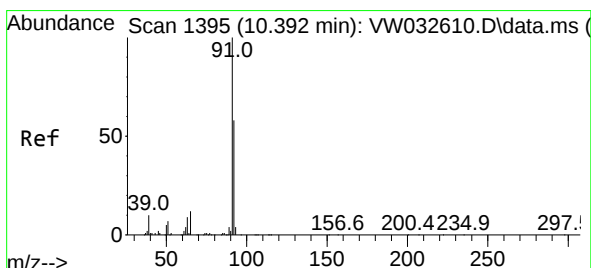
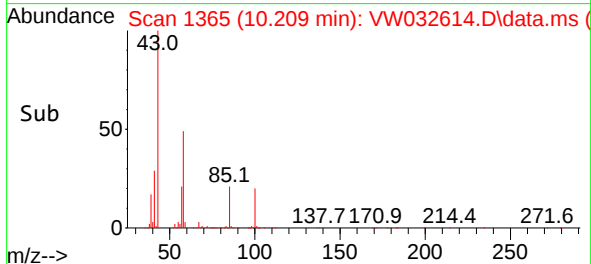
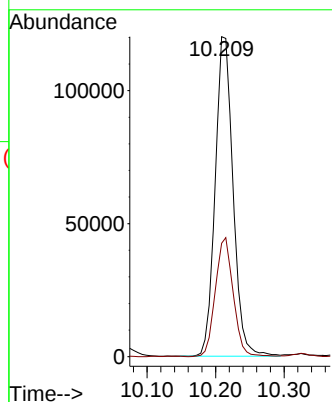
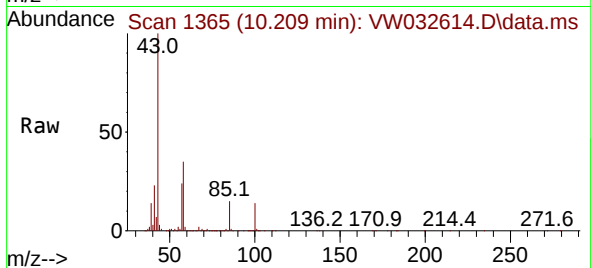




#51
4-Methyl-2-Pentanone
Concen: 47.779 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

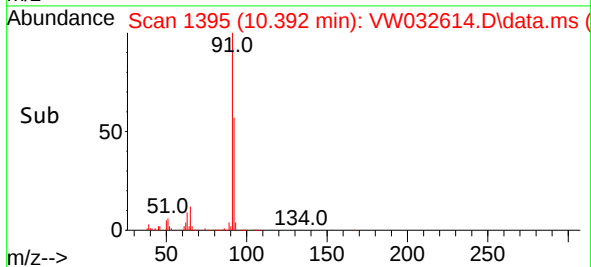
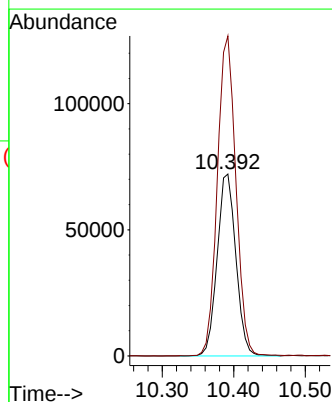
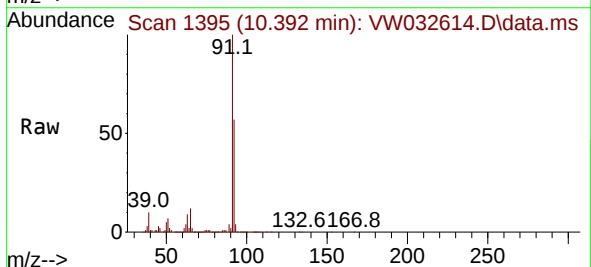
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

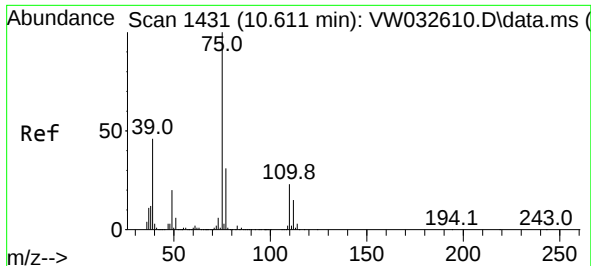
Tgt Ion: 43 Resp: 218168
Ion Ratio Lower Upper
43 100
58 37.3 30.6 45.8



#52
Toluene
Concen: 10.412 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 92 Resp: 131024
Ion Ratio Lower Upper
92 100
91 174.0 137.6 206.4

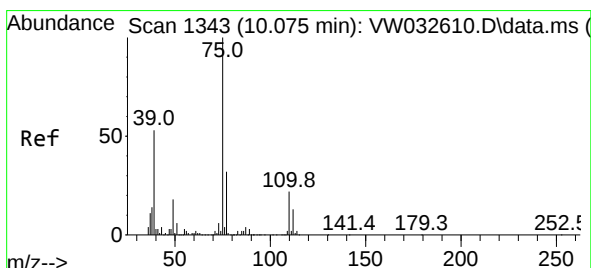
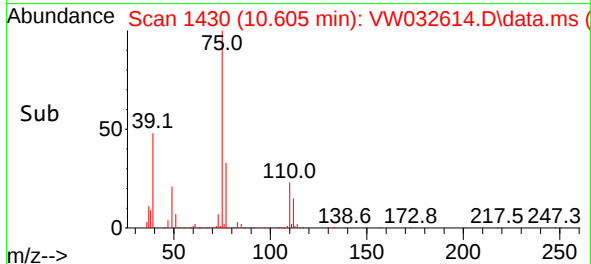
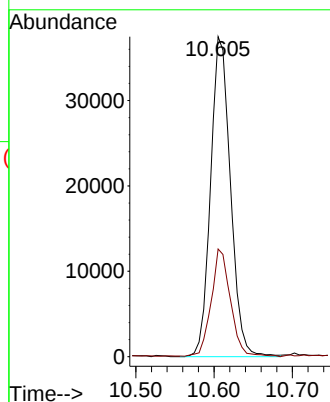
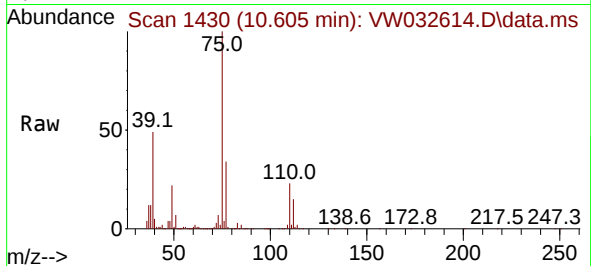




#53
t-1,3-Dichloropropene
Concen: 9.498 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

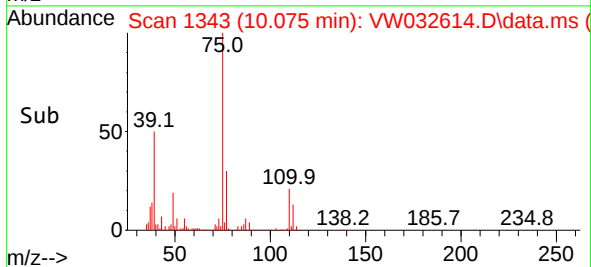
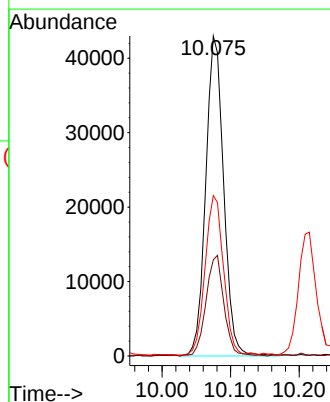
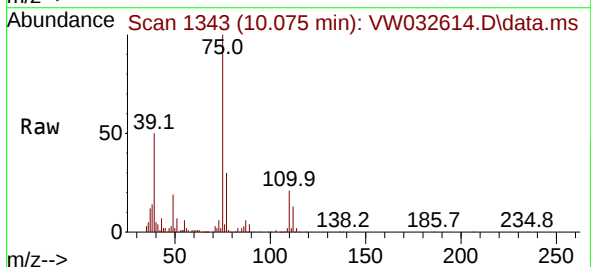
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

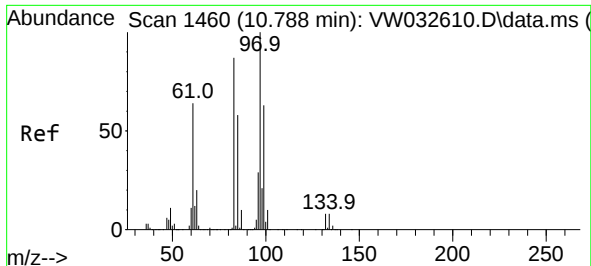
Tgt Ion: 75 Resp: 66055
Ion Ratio Lower Upper
75 100
77 33.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 9.755 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 75 Resp: 78229
Ion Ratio Lower Upper
75 100
77 30.1 26.0 39.0
39 49.8 42.5 63.7

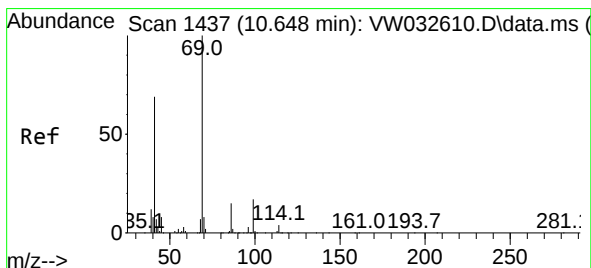
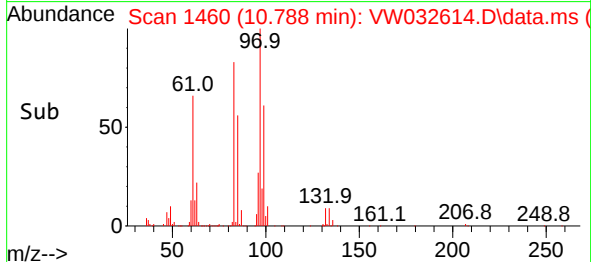
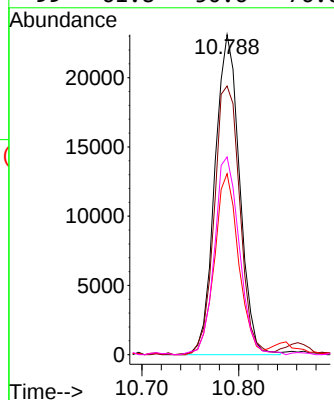
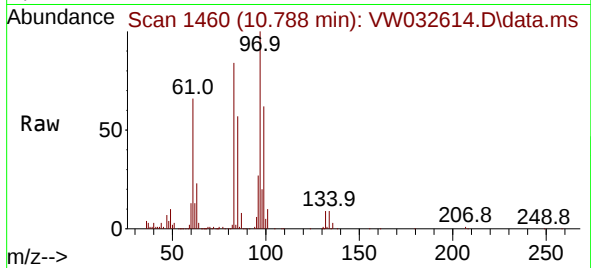




#55
1,1,2-Trichloroethane
Concen: 10.063 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

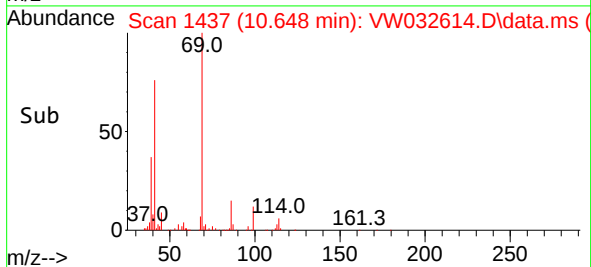
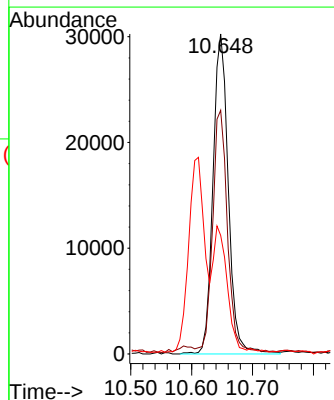
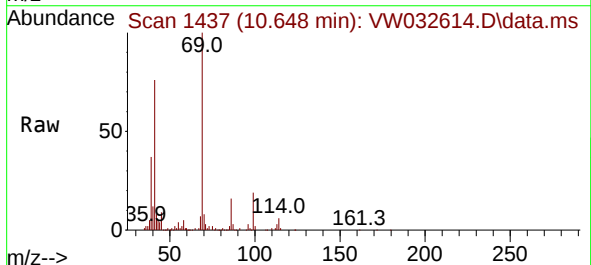
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

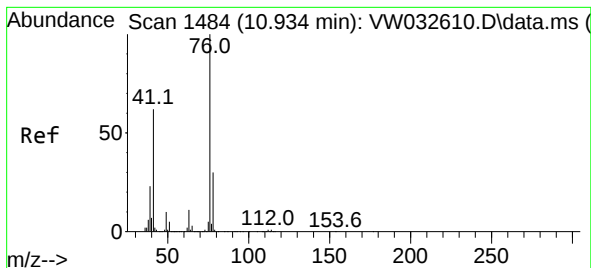
Tgt Ion:	97	Resp:	40939
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.3	103.9
85	56.5	46.1	69.1
99	61.8	50.6	76.0



#56
Ethyl methacrylate
Concen: 9.016 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:	69	Resp:	52959
Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.0	85.6
39	36.2	27.2	40.8

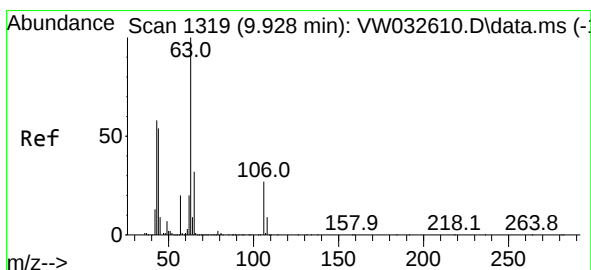
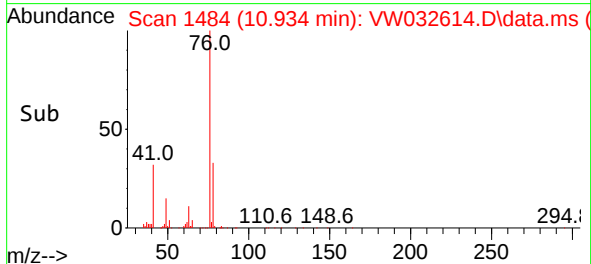
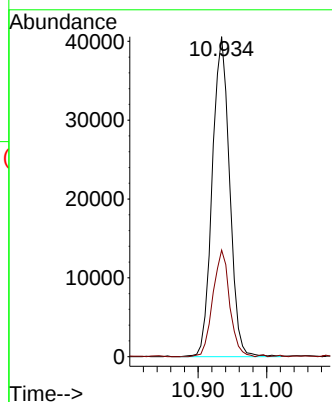
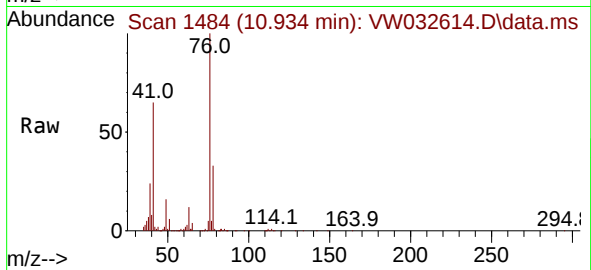




#57
1,3-Dichloropropane
Concen: 9.777 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

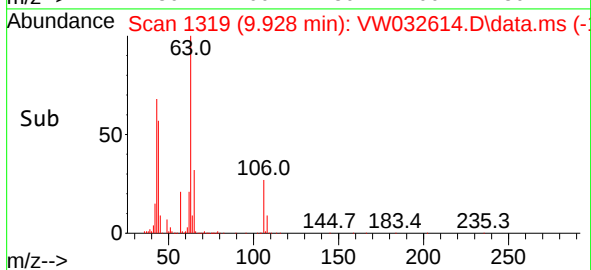
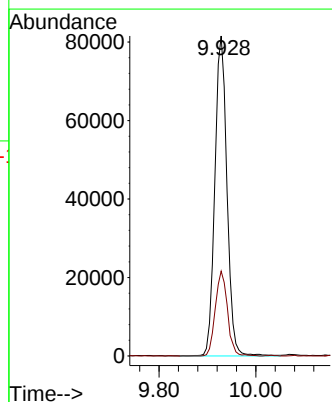
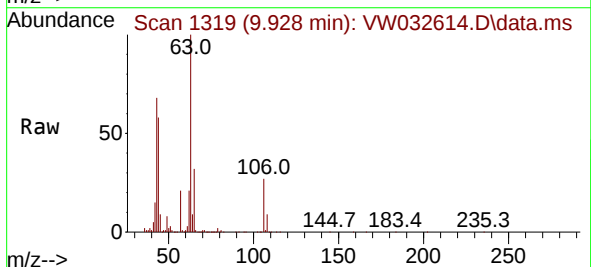
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

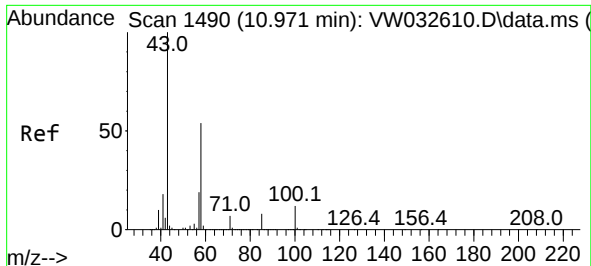
Tgt Ion: 76 Resp: 71443
Ion Ratio Lower Upper
76 100
78 32.2 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 51.759 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 63 Resp: 141718
Ion Ratio Lower Upper
63 100
106 26.5 21.3 31.9





#59

2-Hexanone

Concen: 47.869 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

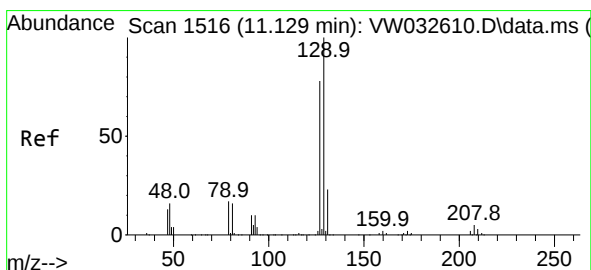
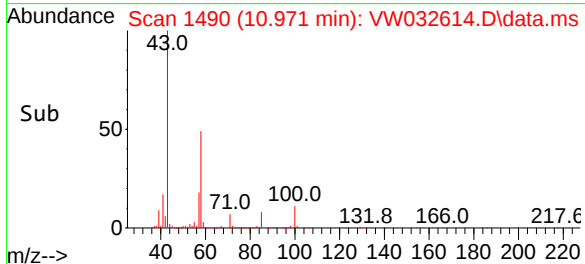
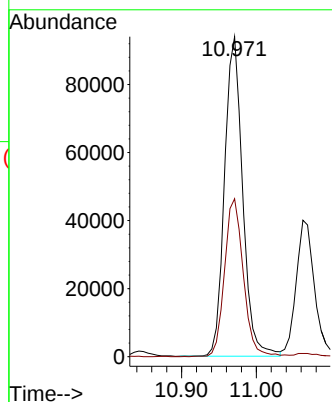
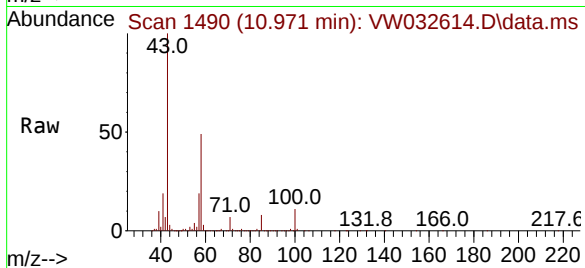
VSTDICC010

Tgt Ion: 43 Resp: 158310

Ion Ratio Lower Upper

43 100

58 51.5 26.3 78.9



#60

Dibromochloromethane

Concen: 9.505 ug/l

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW032614.D

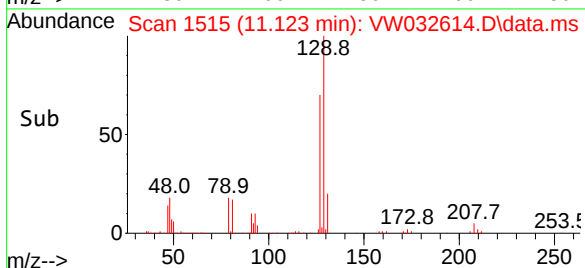
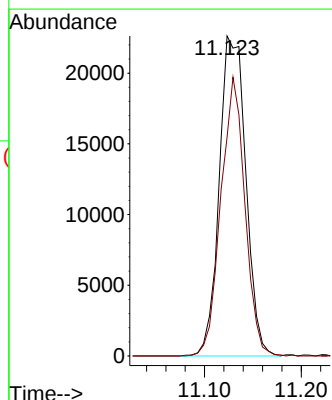
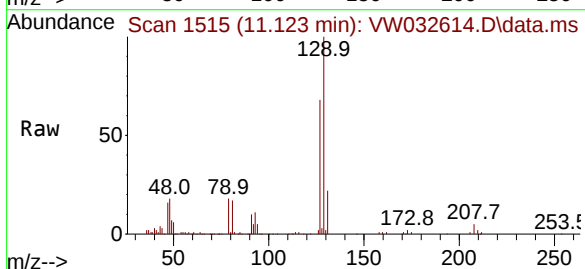
Acq: 10 Dec 2025 13:25

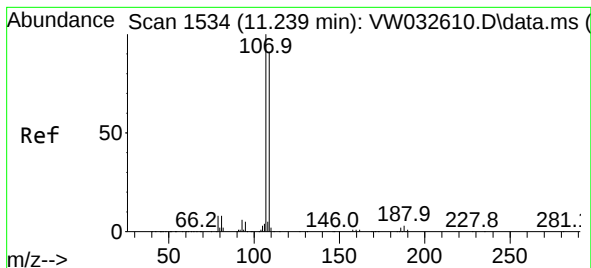
Tgt Ion:129 Resp: 43075

Ion Ratio Lower Upper

129 100

127 78.9 37.2 111.6

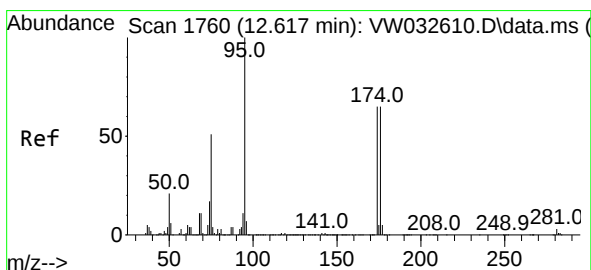
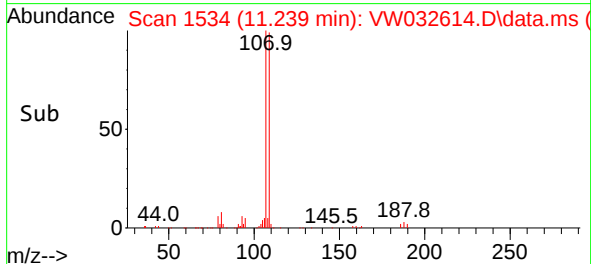
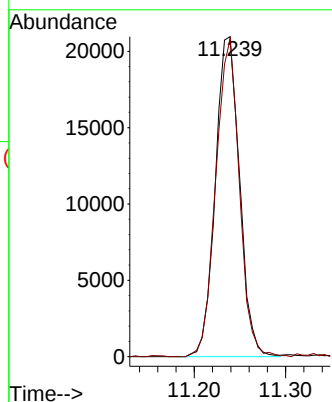
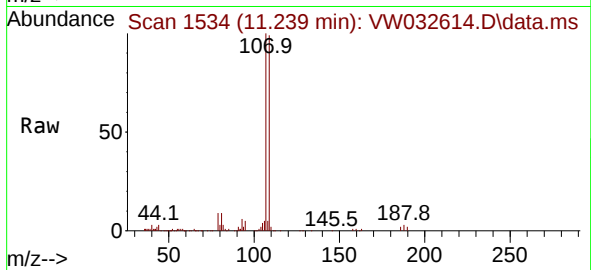




#61
1,2-Dibromoethane
Concen: 9.805 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

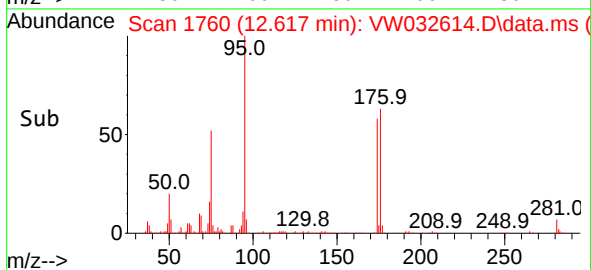
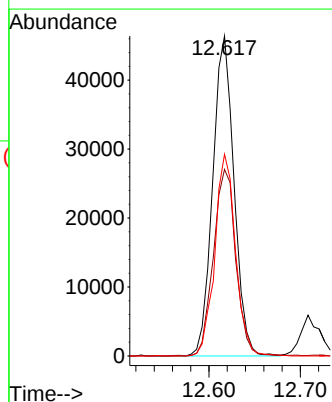
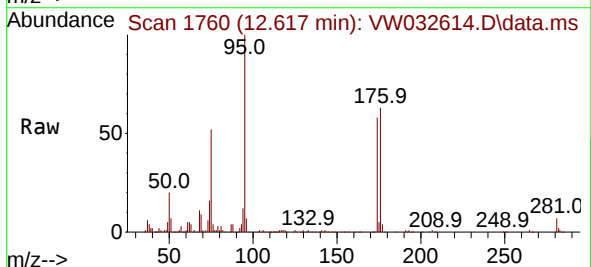
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

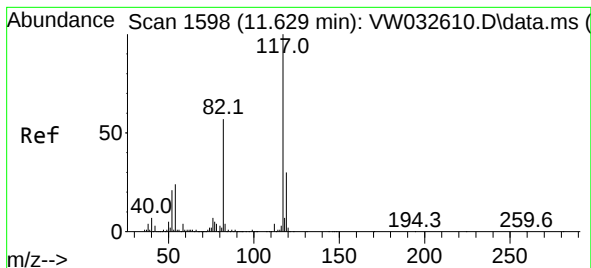
Tgt Ion:107 Resp: 38575
Ion Ratio Lower Upper
107 100
109 96.5 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 12.170 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 95 Resp: 75090
Ion Ratio Lower Upper
95 100
174 61.2 0.0 135.0
176 61.5 0.0 123.4

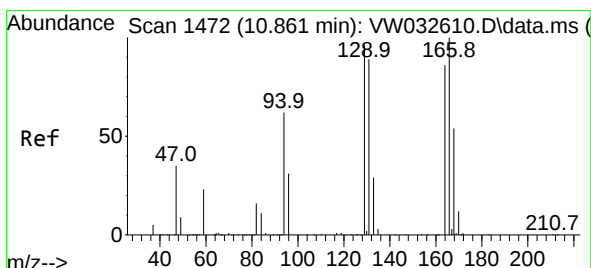
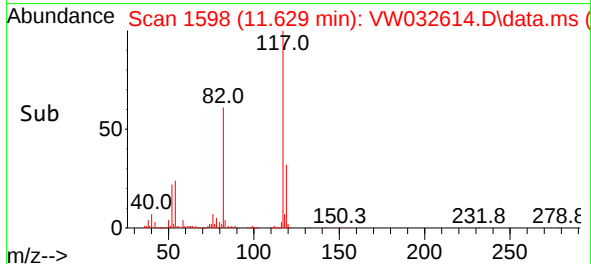
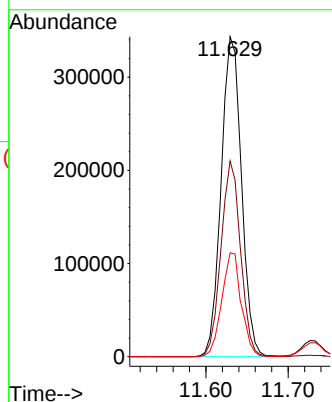
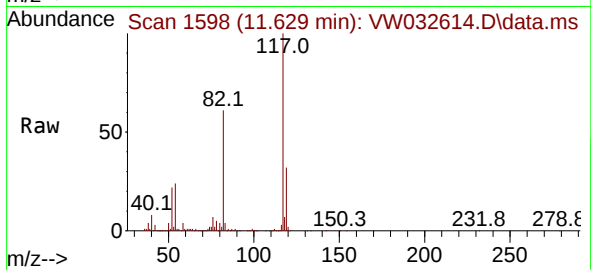




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

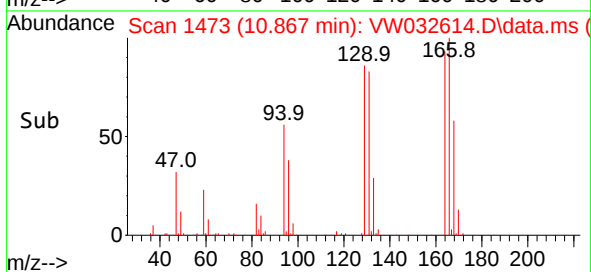
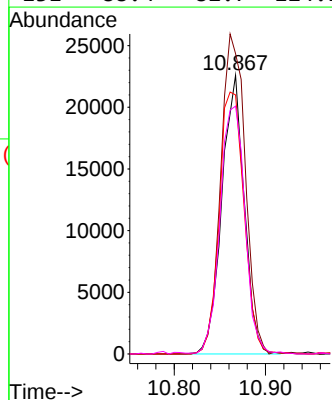
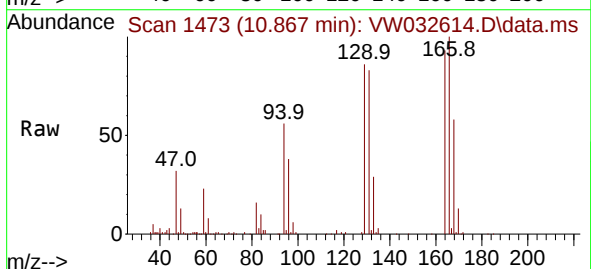
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

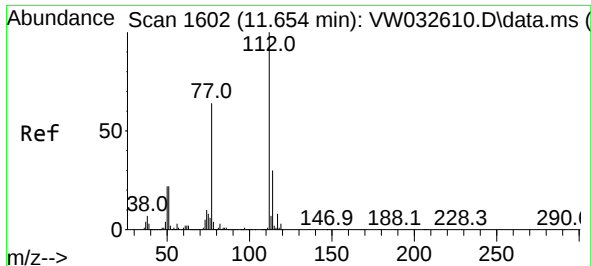
Tgt Ion:117 Resp: 590353
Ion Ratio Lower Upper
117 100
82 61.1 45.5 68.3
119 32.4 23.8 35.8



#64
Tetrachloroethene
Concen: 10.172 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:164 Resp: 38502
Ion Ratio Lower Upper
164 100
166 107.7 93.0 139.6
129 92.9 89.2 133.8
131 88.4 82.7 124.1

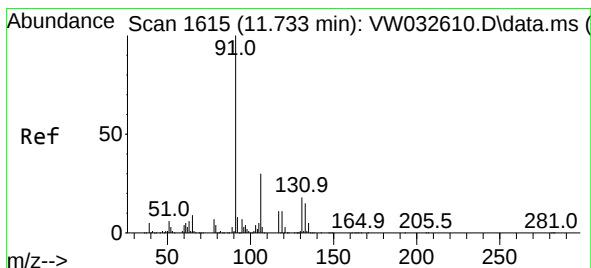
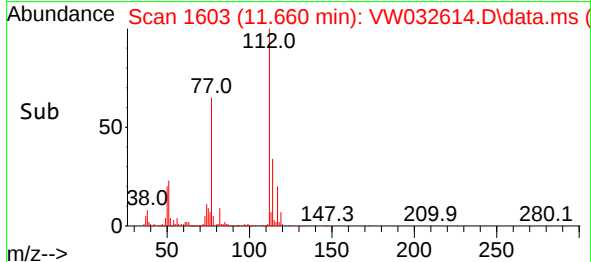
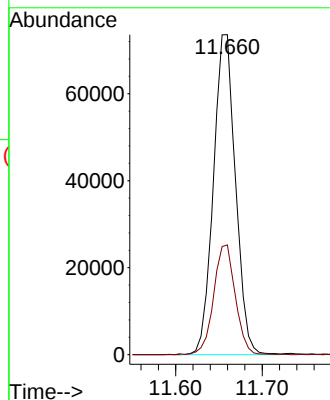
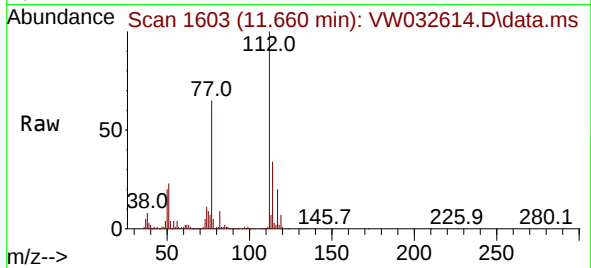




#65
Chlorobenzene
Concen: 9.686 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

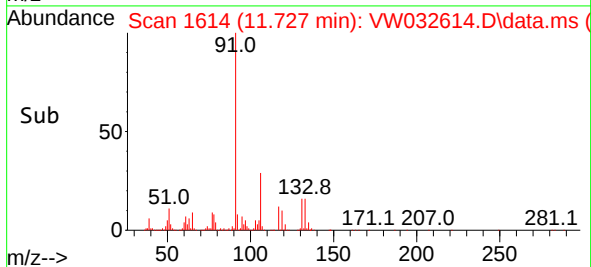
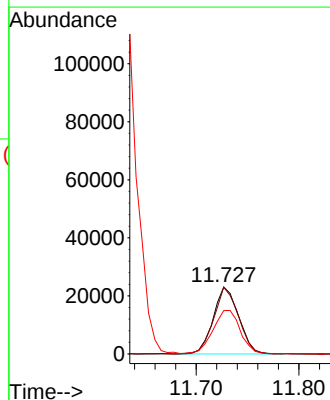
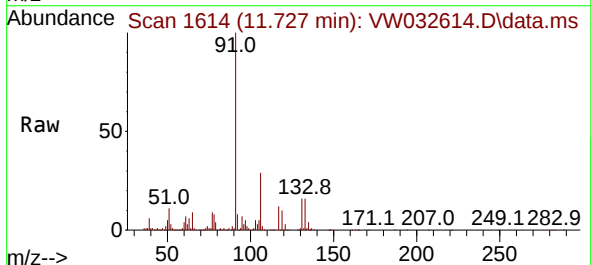
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

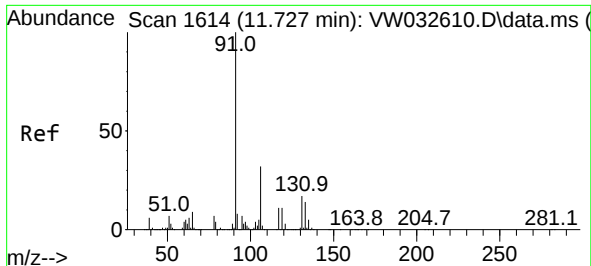
Tgt Ion:112 Resp: 130574
Ion Ratio Lower Upper
112 100
114 34.2 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 9.393 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:131 Resp: 39543
Ion Ratio Lower Upper
131 100
133 97.3 44.0 132.1
119 70.1 32.0 96.2





#67

Ethyl Benzene

Concen: 9.751 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

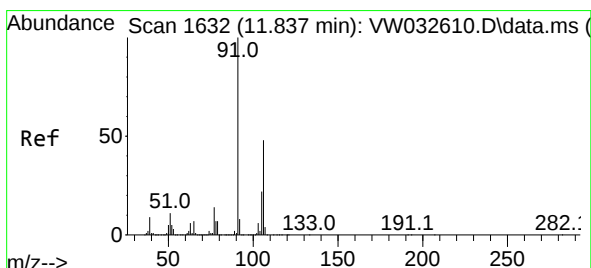
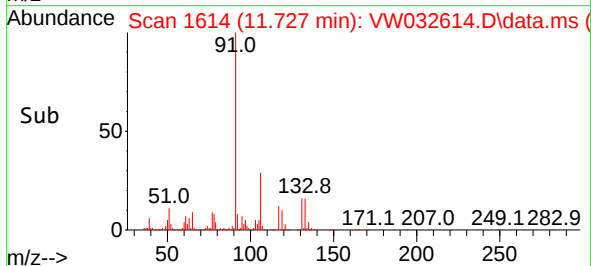
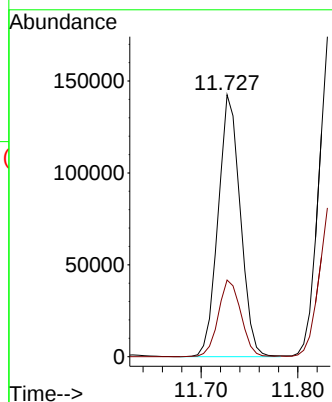
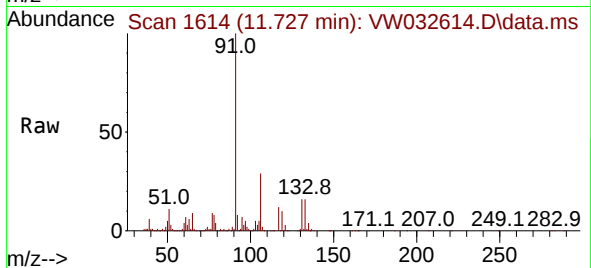
VSTDIC010

Tgt Ion: 91 Resp: 227177

Ion Ratio Lower Upper

91 100

106 29.3 25.8 38.6



#68

m/p-Xylenes

Concen: 19.368 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032614.D

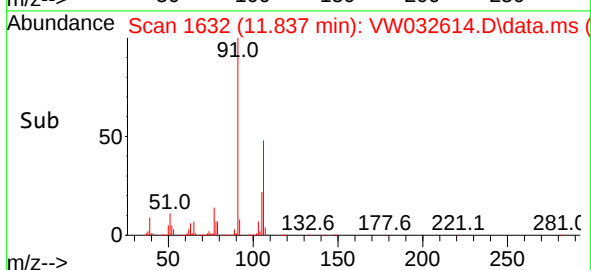
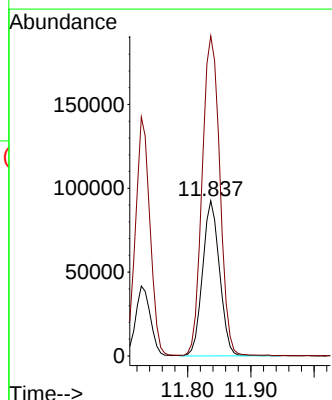
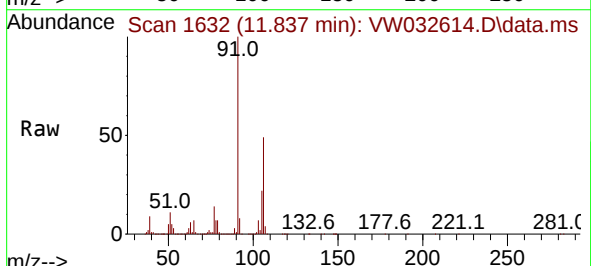
Acq: 10 Dec 2025 13:25

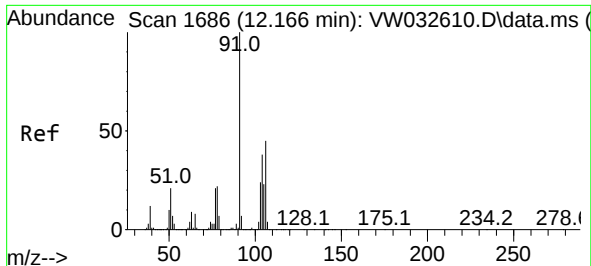
Tgt Ion: 106 Resp: 173165

Ion Ratio Lower Upper

106 100

91 213.3 165.6 248.4

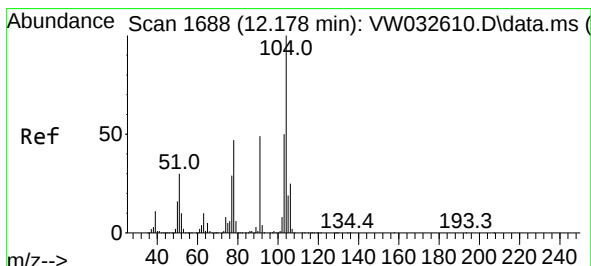
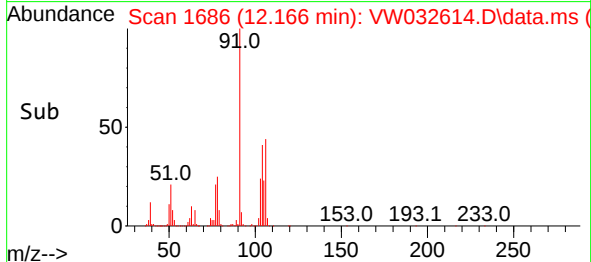
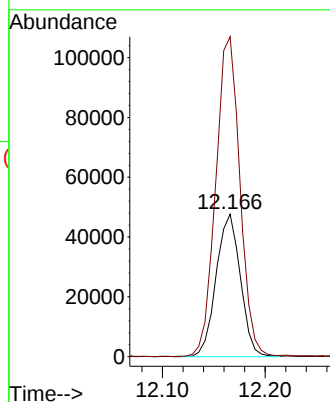
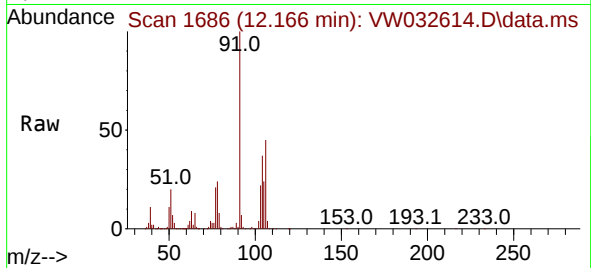




#69
o-Xylene
Concen: 9.458 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

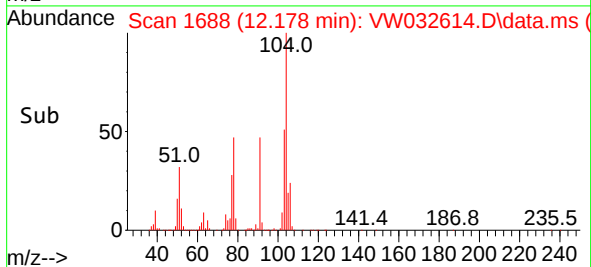
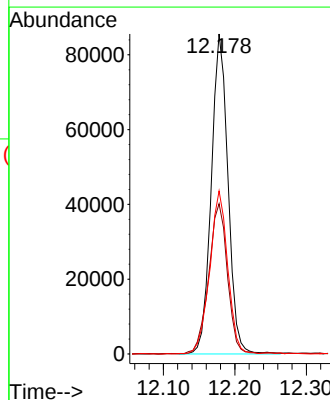
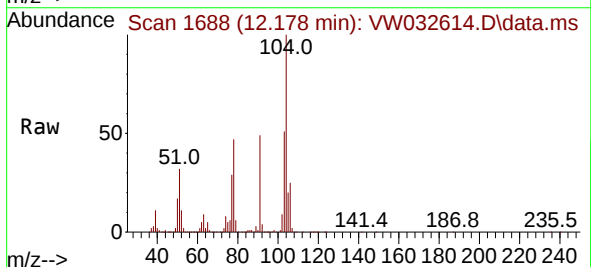
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

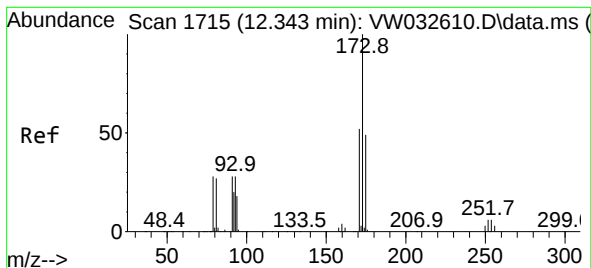
Tgt Ion:106 Resp: 77989
Ion Ratio Lower Upper
106 100
91 224.7 108.3 324.8



#70
Styrene
Concen: 9.673 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:104 Resp: 139054
Ion Ratio Lower Upper
104 100
78 52.5 41.5 62.3
103 55.0 43.8 65.6





#71

Bromoform

Concen: 9.376 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

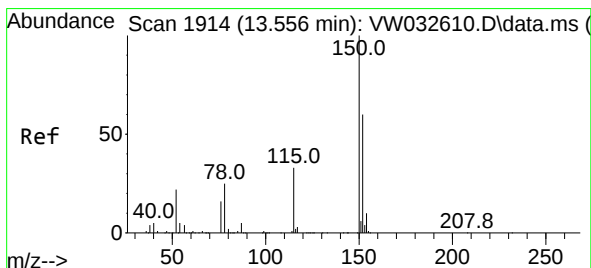
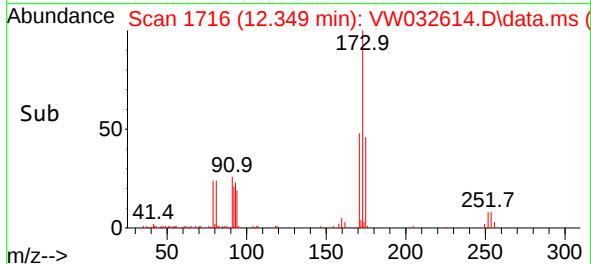
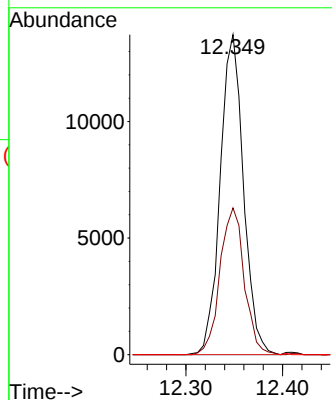
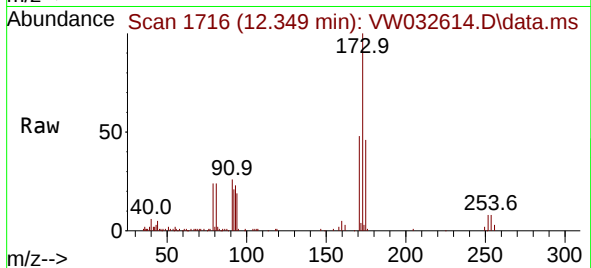
Tgt Ion:173 Resp: 22917

Ion Ratio Lower Upper

173 100

175 47.8 24.9 74.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

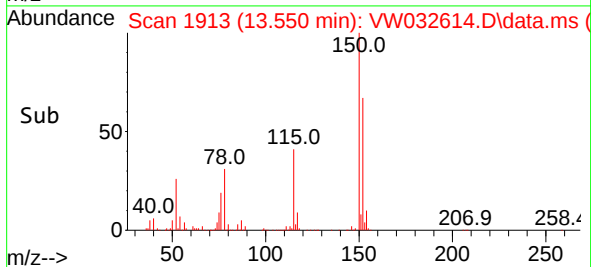
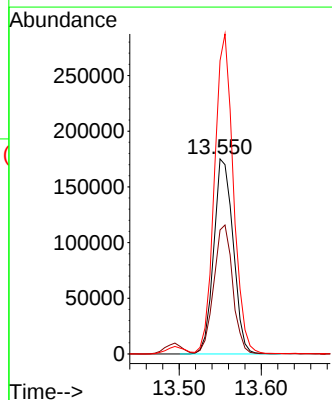
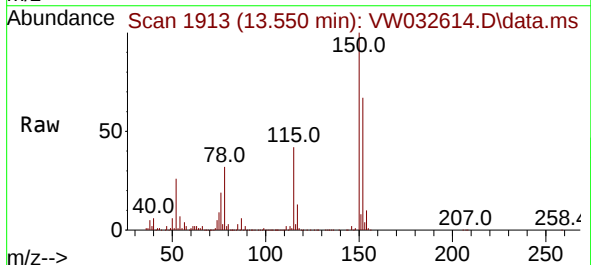
Tgt Ion:152 Resp: 287329

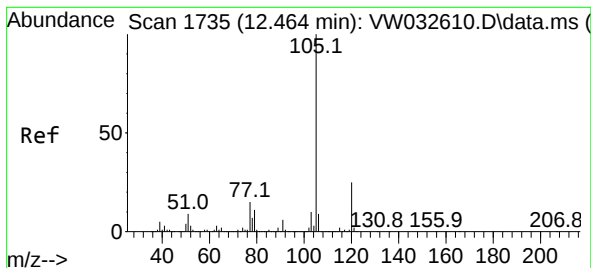
Ion Ratio Lower Upper

152 100

115 64.1 33.8 101.3

150 159.1 0.0 369.4





#73

Isopropylbenzene

Concen: 9.314 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

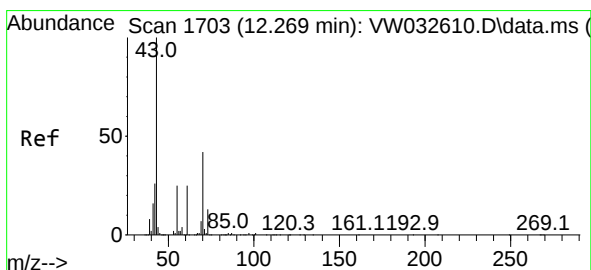
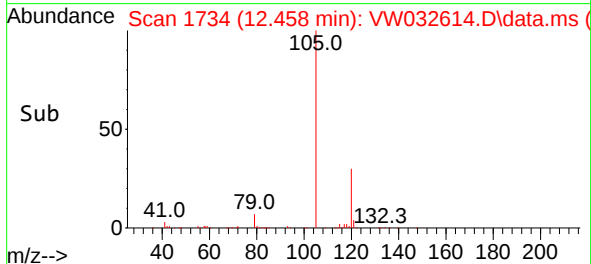
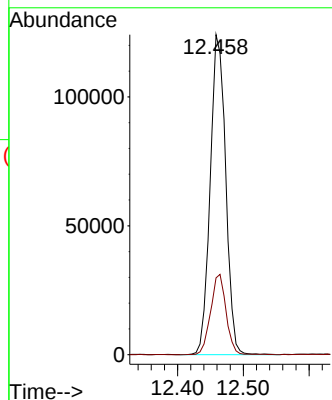
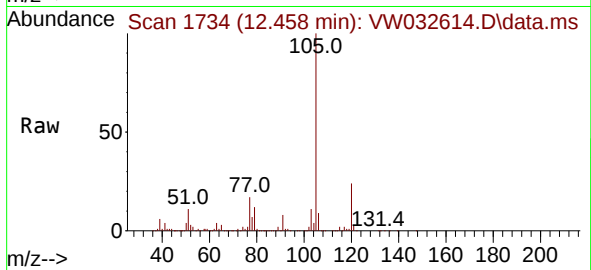
VSTDIC010

Tgt Ion:105 Resp: 203544

Ion Ratio Lower Upper

105 100

120 25.0 13.0 39.0



#74

N-ethyl acetate

Concen: 9.211 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Tgt Ion: 43 Resp: 68967

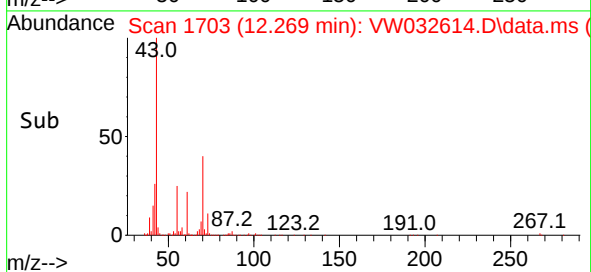
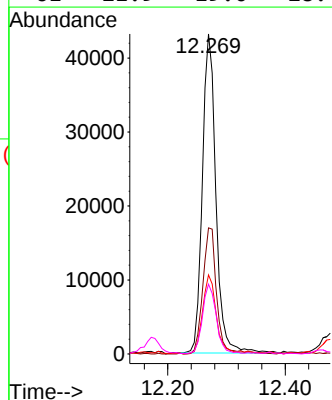
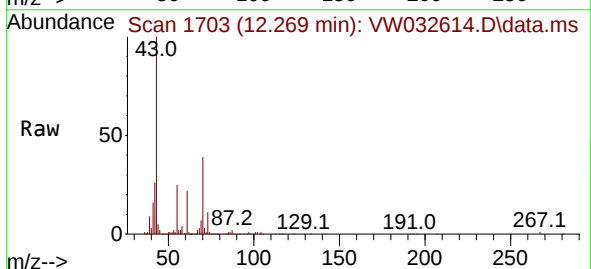
Ion Ratio Lower Upper

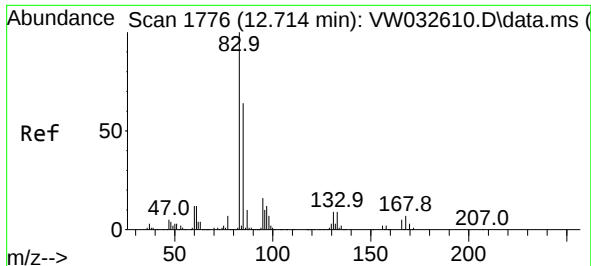
43 100

70 40.3 32.4 48.6

55 24.9 19.8 29.6

61 21.9 19.0 28.4

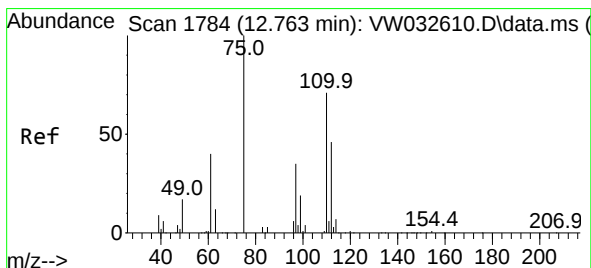
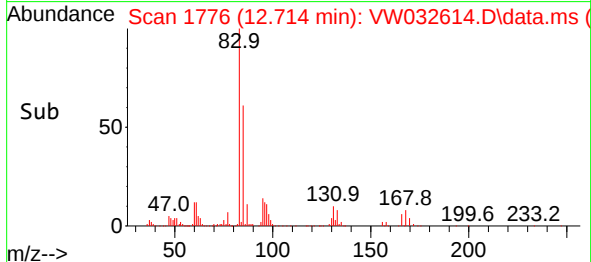
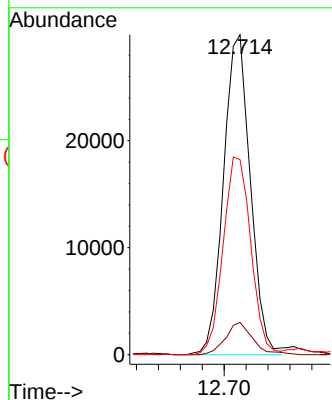
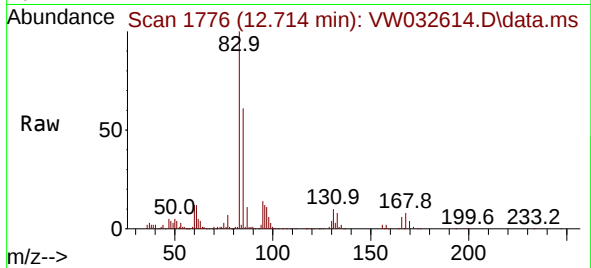




#75
1,1,2-Tetrachloroethane
Concen: 9.653 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

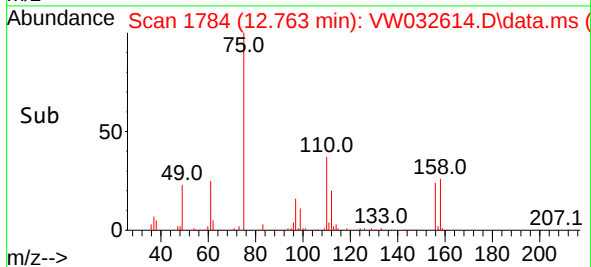
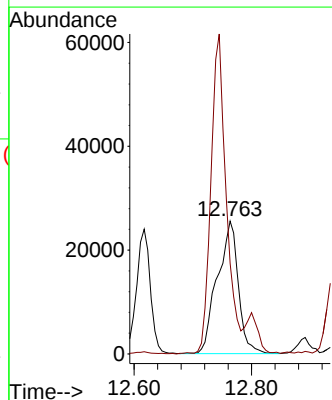
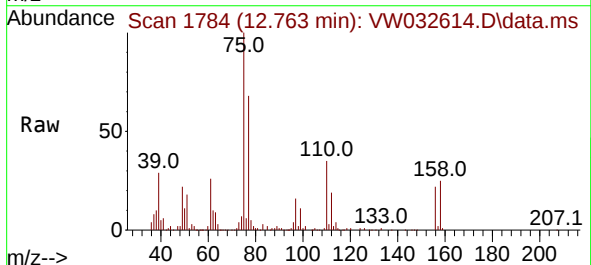
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

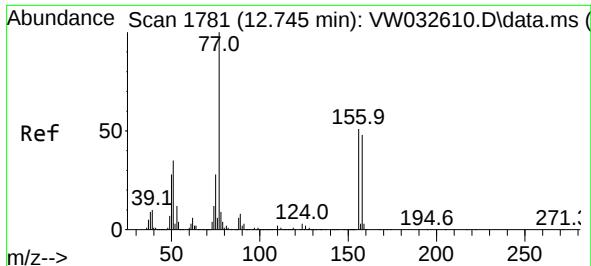
Tgt Ion: 83 Resp: 50790
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 16.515 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 75 Resp: 63292
Ion Ratio Lower Upper
75 100
77 176.2 154.0 462.0

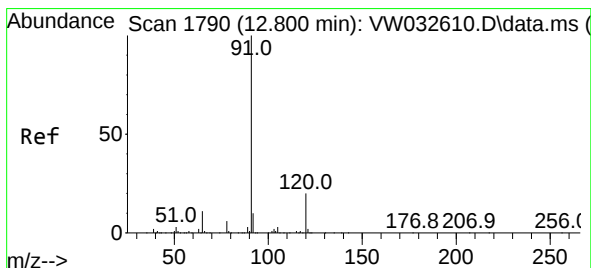
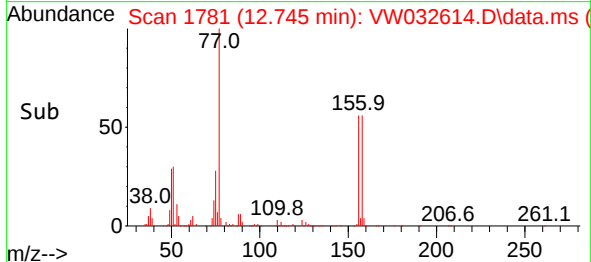
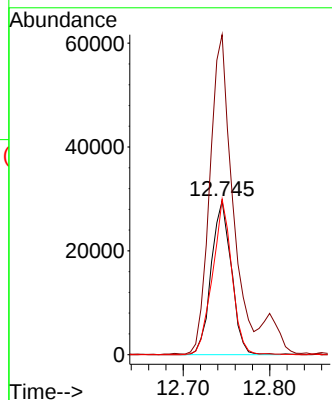
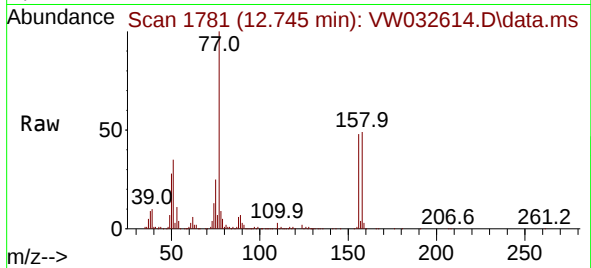




#77
Bromobenzene
Concen: 9.540 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

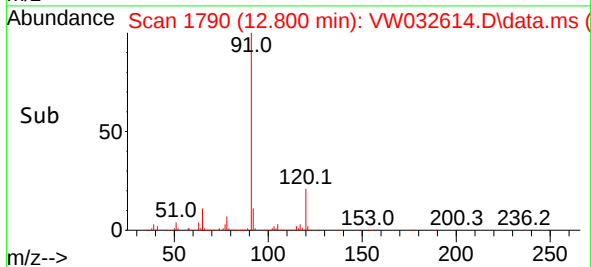
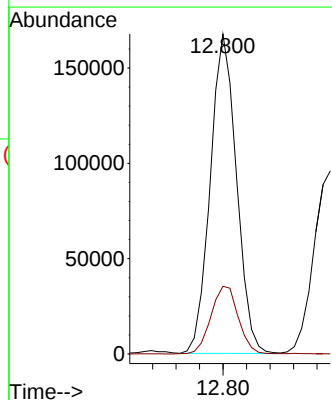
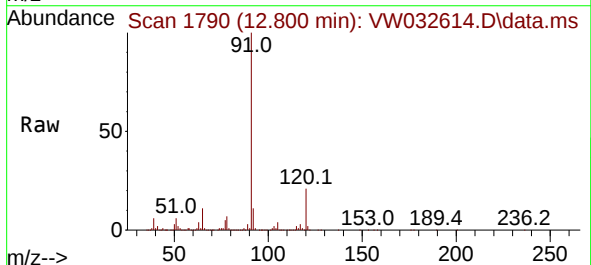
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

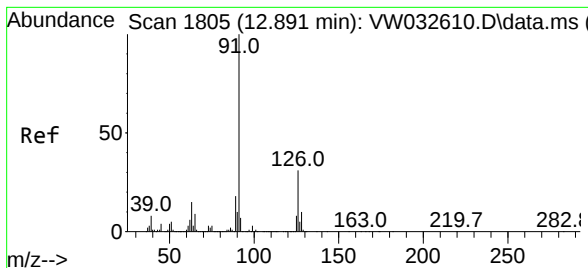
Tgt Ion:156 Resp: 47841
Ion Ratio Lower Upper
156 100
77 233.1 116.7 350.1
158 97.2 49.9 149.7



#78
n-propylbenzene
Concen: 9.306 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 91 Resp: 259786
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.6

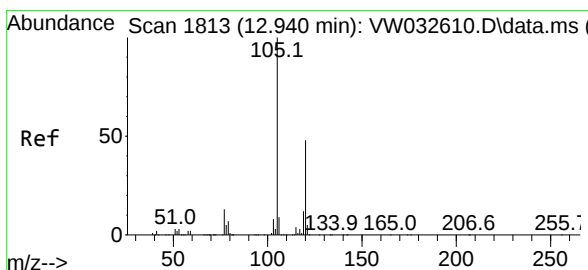
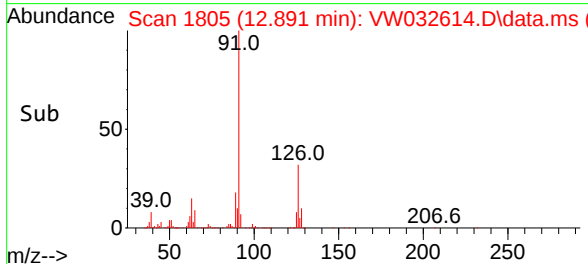
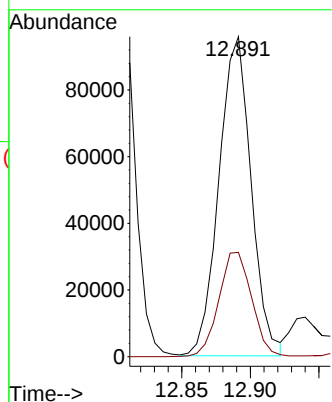
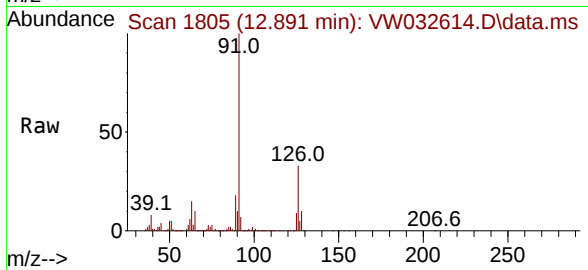




#79
2-Chlorotoluene
Concen: 9.555 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

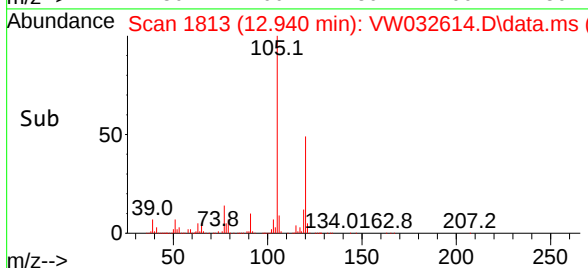
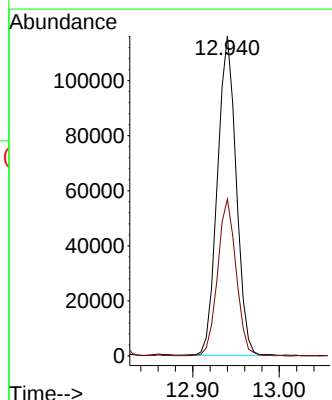
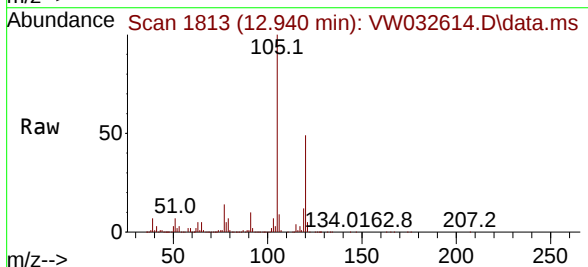
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

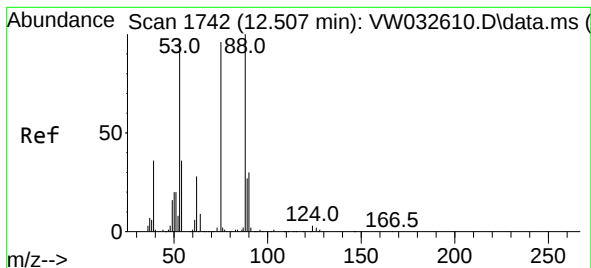
Tgt Ion: 91 Resp: 156572
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 9.533 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 105 Resp: 174990
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

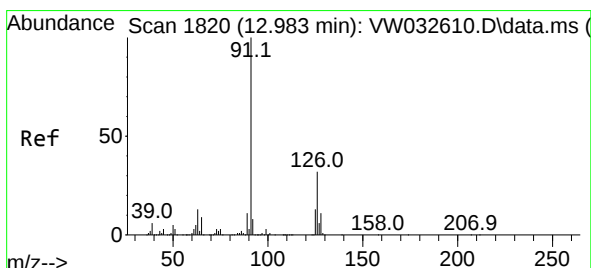
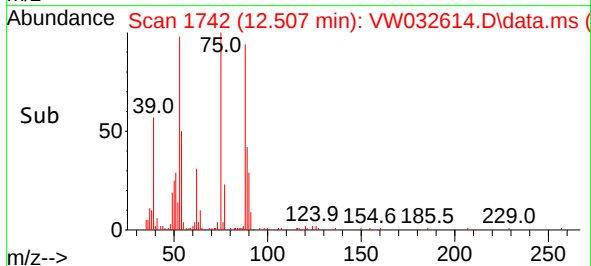
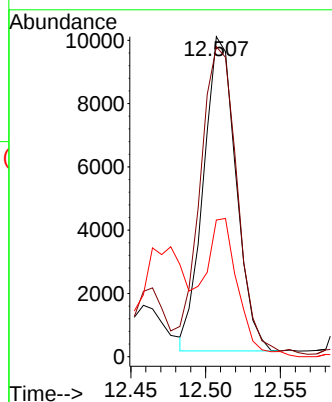
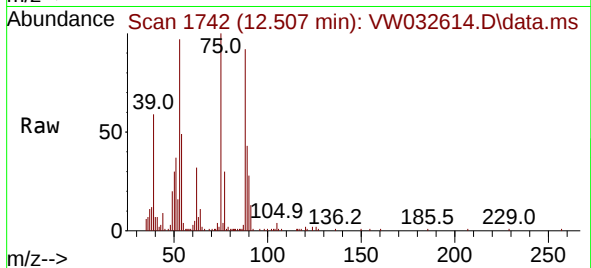




#81
trans-1,4-Dichloro-2-butene
Concen: 9.130 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

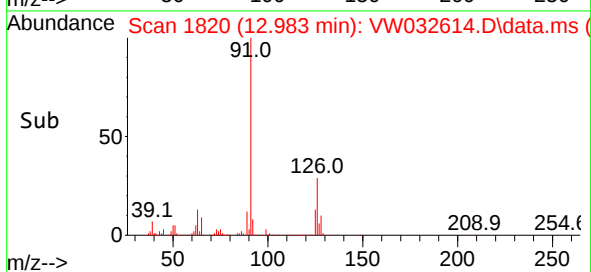
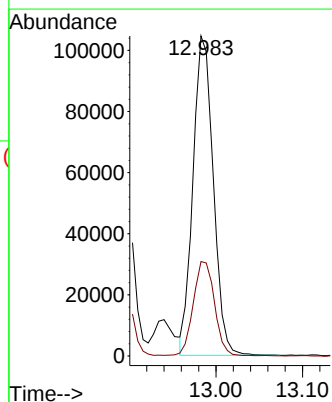
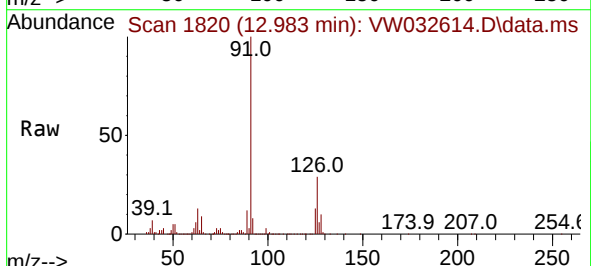
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

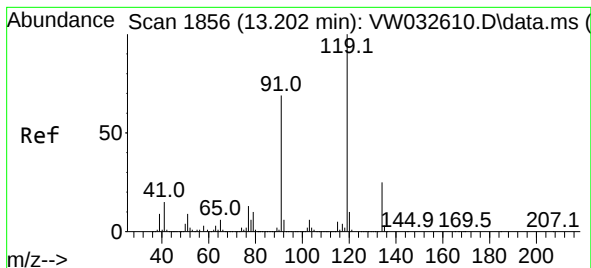
Tgt Ion: 75 Resp: 15061
Ion Ratio Lower Upper
75 100
53 113.4 86.1 129.1
89 45.7 37.4 56.2



#82
4-Chlorotoluene
Concen: 9.795 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion: 91 Resp: 170457
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

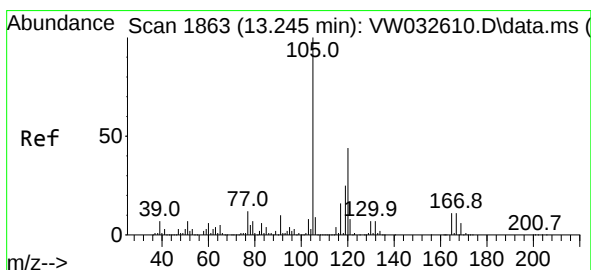
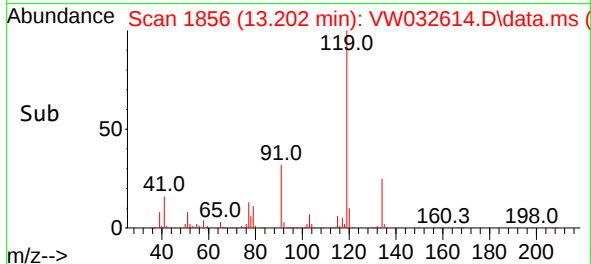
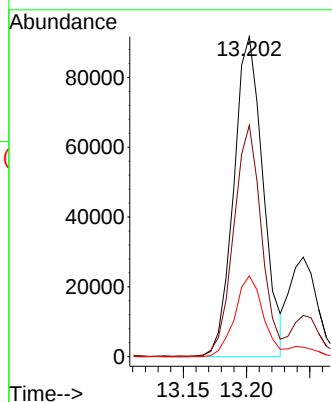
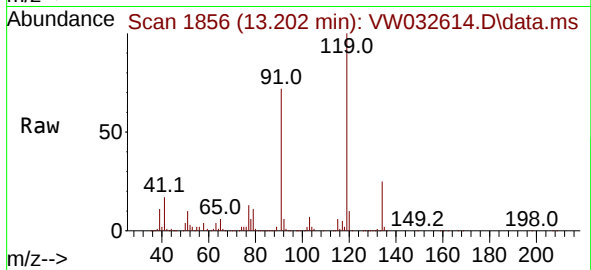




#83
tert-Butylbenzene
Concen: 9.463 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

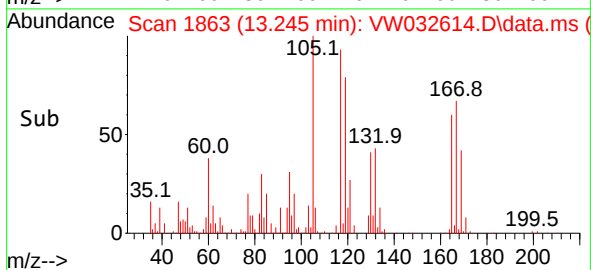
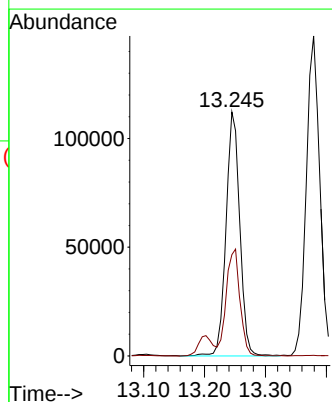
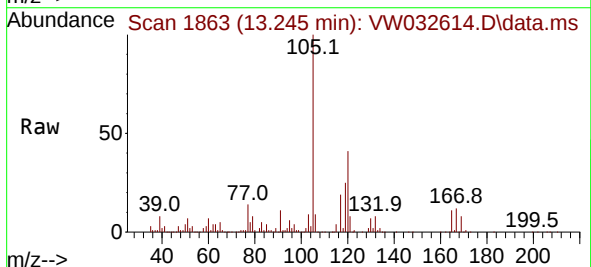
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

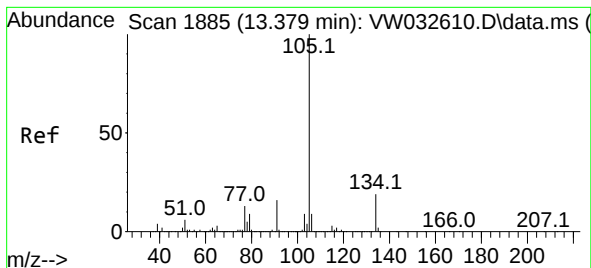
Tgt Ion:119 Resp: 147977
Ion Ratio Lower Upper
119 100
91 68.3 34.3 102.8
134 24.7 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 9.521 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:105 Resp: 176269
Ion Ratio Lower Upper
105 100
120 43.6 22.4 67.0

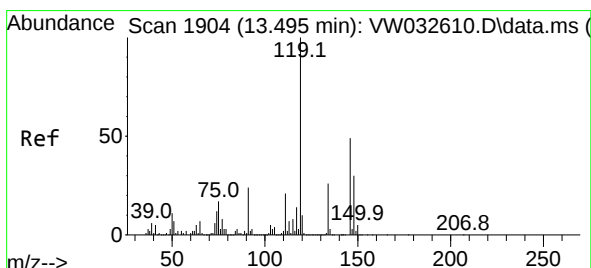
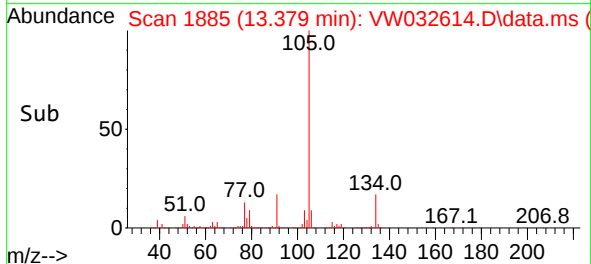
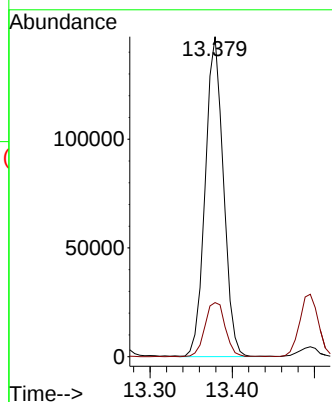
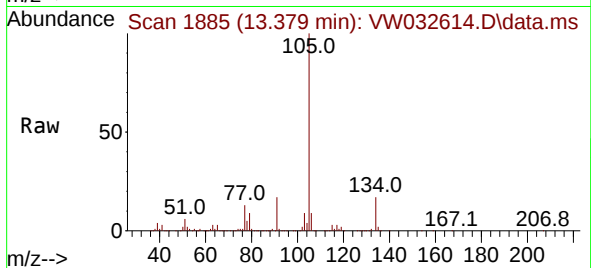




#85
 sec-Butylbenzene
 Concen: 9.421 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032614.D
 Acq: 10 Dec 2025 13:25

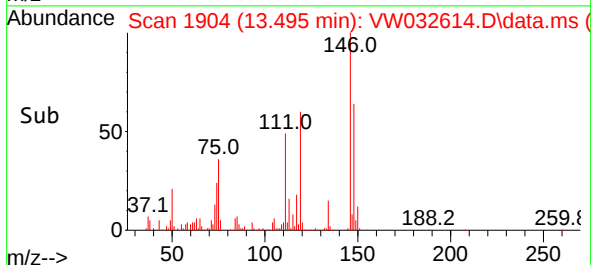
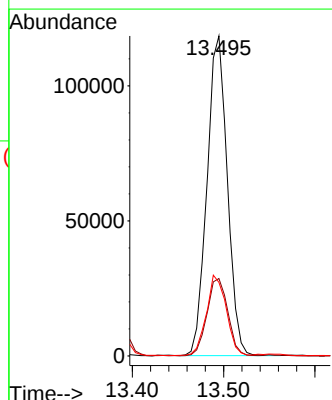
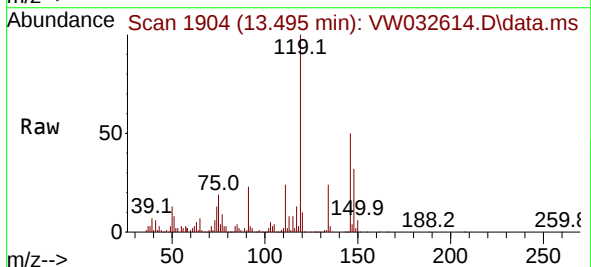
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

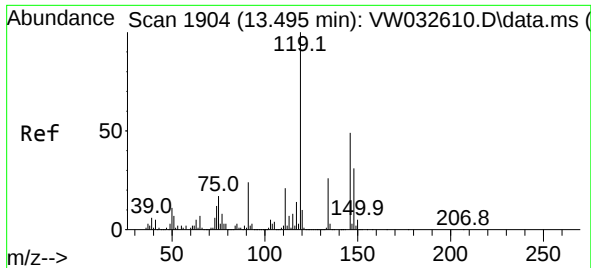
Tgt Ion:105 Resp: 225558
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 9.383 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032614.D
 Acq: 10 Dec 2025 13:25

Tgt Ion:119 Resp: 182713
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.0 39.0
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 9.784 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

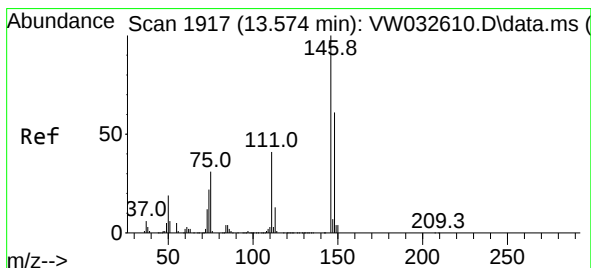
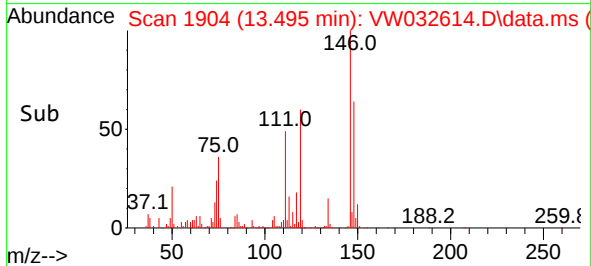
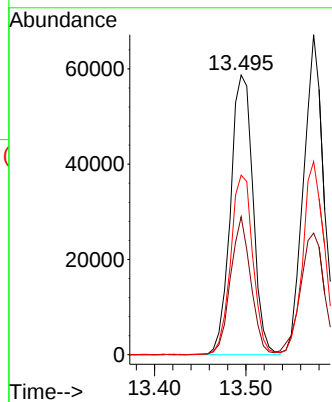
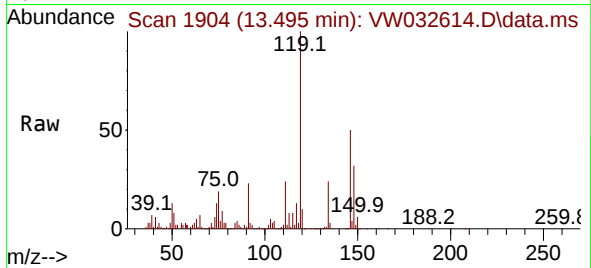
Tgt Ion:146 Resp: 100429

Ion Ratio Lower Upper

146 100

111 44.6 21.6 64.6

148 63.5 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 10.090 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

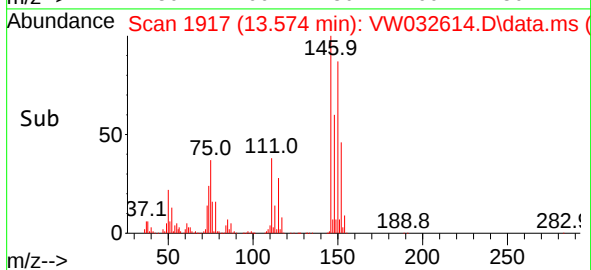
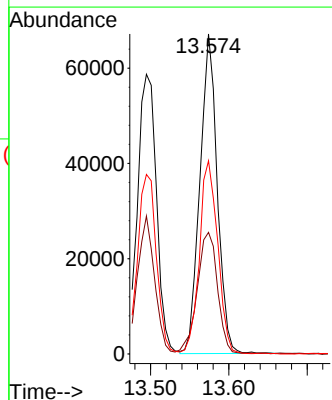
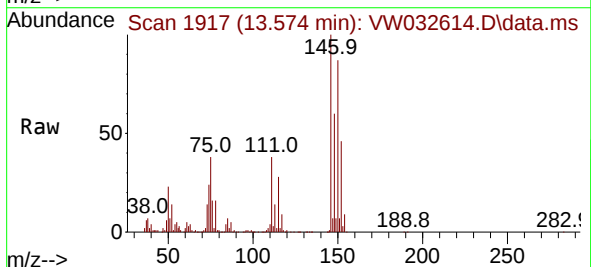
Tgt Ion:146 Resp: 103133

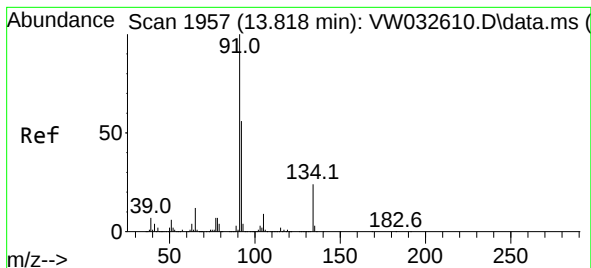
Ion Ratio Lower Upper

146 100

111 44.6 20.9 62.8

148 63.7 30.4 91.2





#89

n-Butylbenzene

Concen: 9.548 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

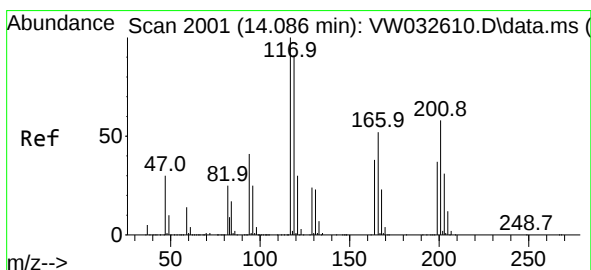
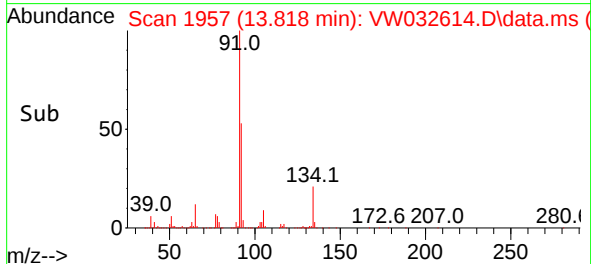
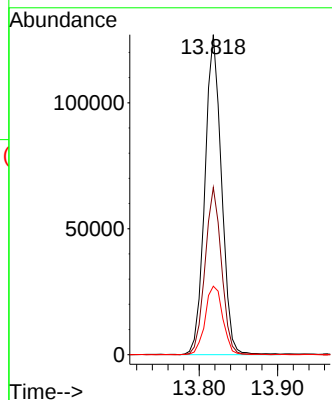
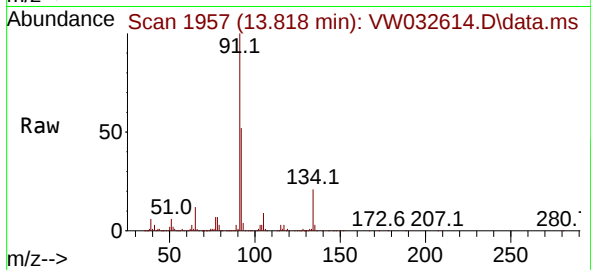
Tgt Ion: 91 Resp: 186809

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

134 22.8 11.8 35.4



#90

Hexachloroethane

Concen: 9.471 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032614.D

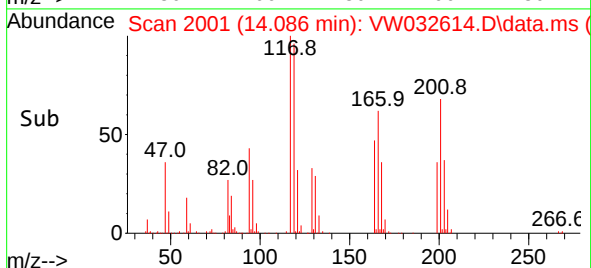
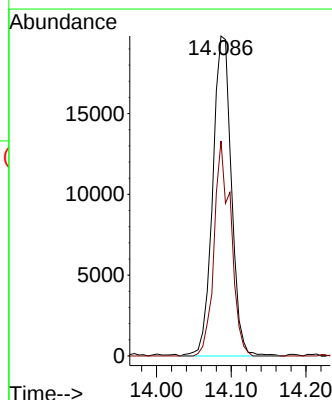
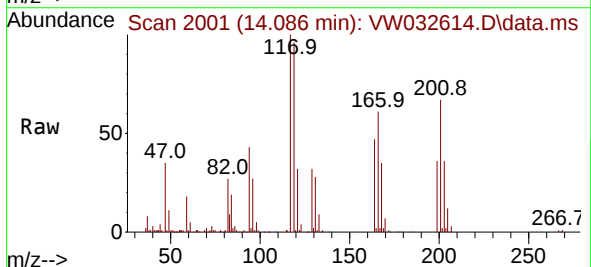
Acq: 10 Dec 2025 13:25

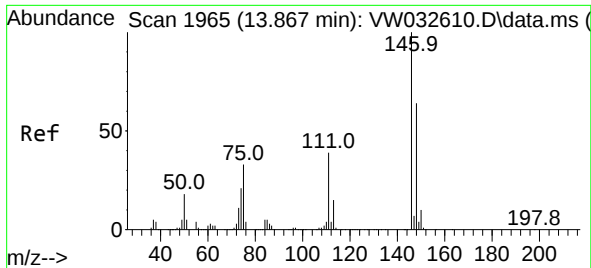
Tgt Ion: 117 Resp: 34449

Ion Ratio Lower Upper

117 100

201 60.2 30.4 91.2





#91

1,2-Dichlorobenzene

Concen: 9.698 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

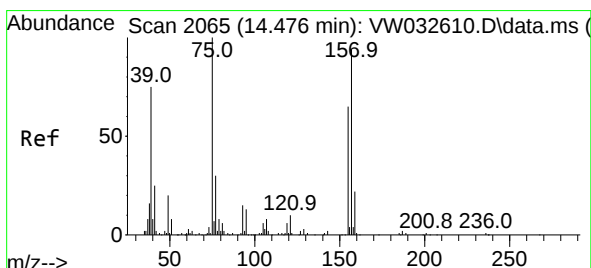
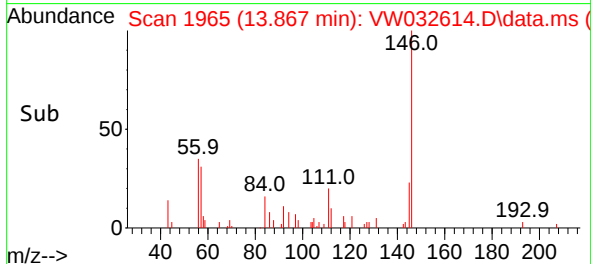
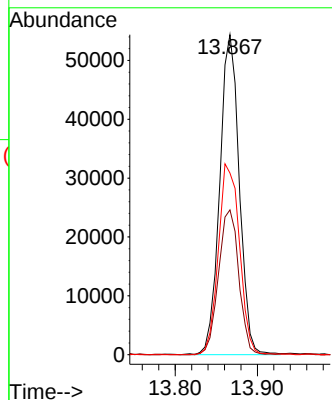
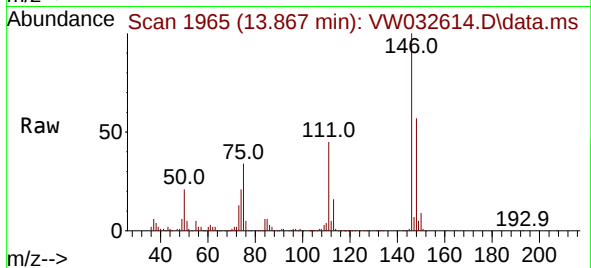
Tgt Ion:146 Resp: 89858

Ion Ratio Lower Upper

146 100

111 47.1 21.5 64.5

148 64.5 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.111 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

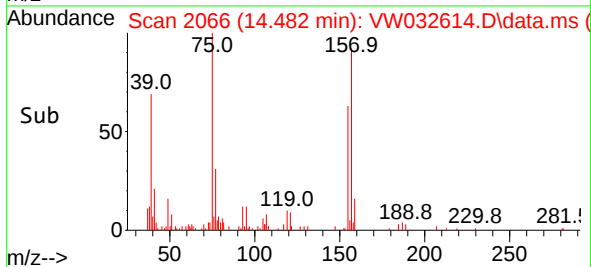
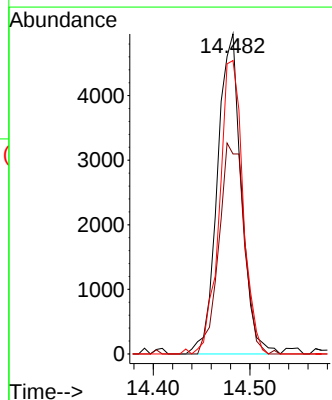
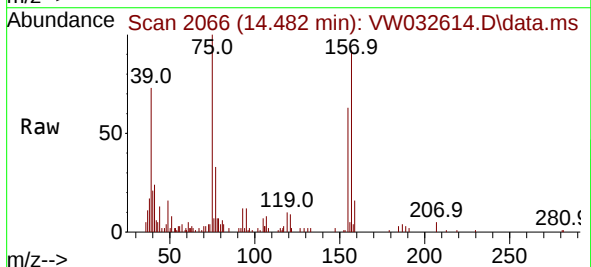
Tgt Ion: 75 Resp: 8514

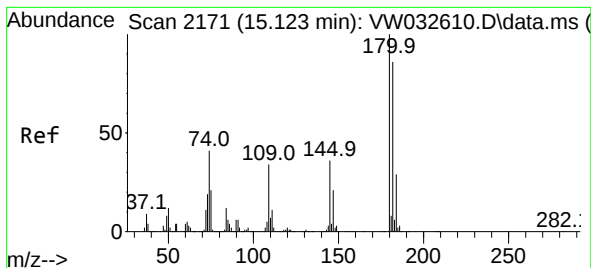
Ion Ratio Lower Upper

75 100

155 69.5 35.3 105.9

157 90.3 44.8 134.4

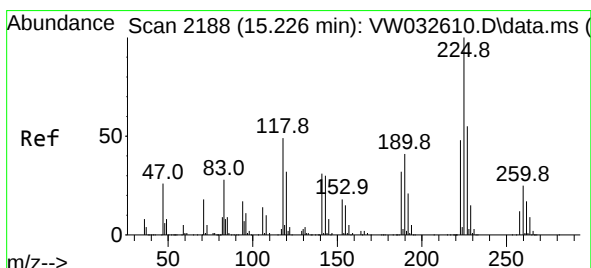
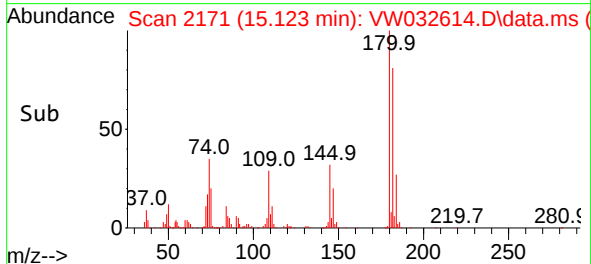
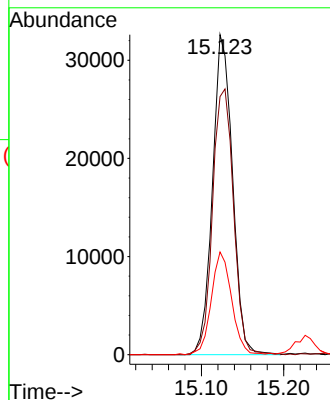
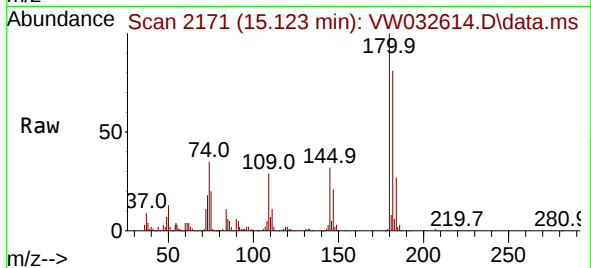




#93
1,2,4-Trichlorobenzene
Concen: 10.008 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

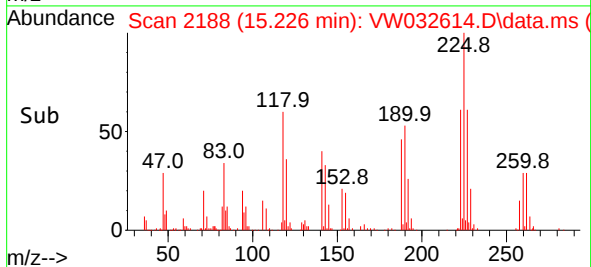
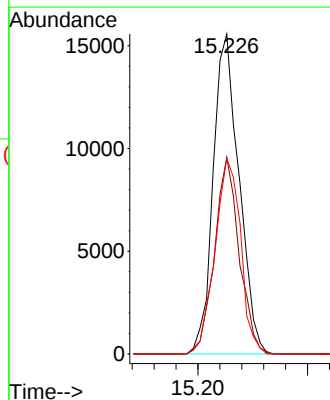
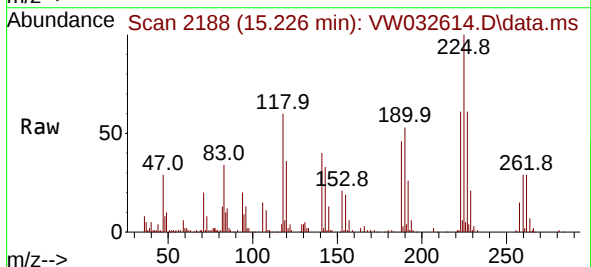
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

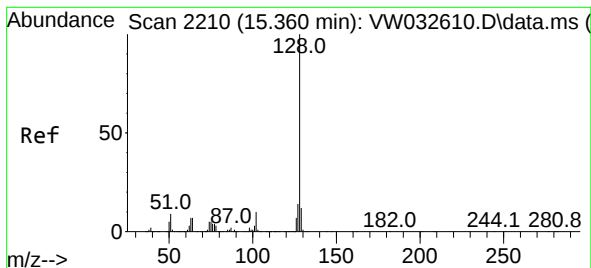
Tgt Ion:180 Resp: 55073
Ion Ratio Lower Upper
180 100
182 87.1 46.9 140.6
145 32.6 17.1 51.3



#94
Hexachlorobutadiene
Concen: 9.784 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032614.D
Acq: 10 Dec 2025 13:25

Tgt Ion:225 Resp: 25451
Ion Ratio Lower Upper
225 100
223 58.8 30.3 90.8
227 60.8 29.1 87.4





#95

Naphthalene

Concen: 8.104 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

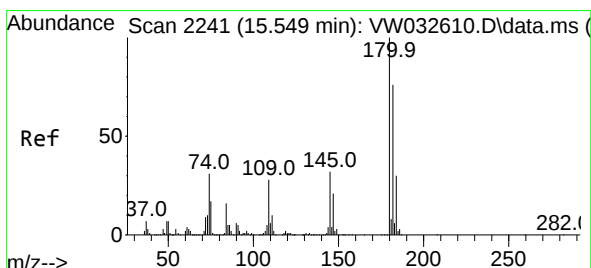
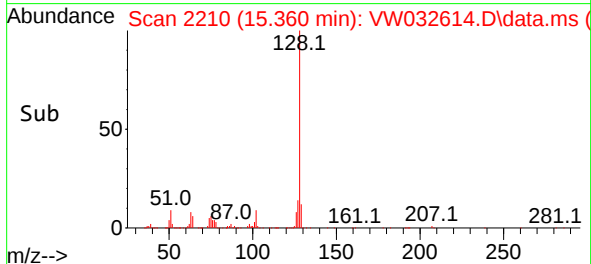
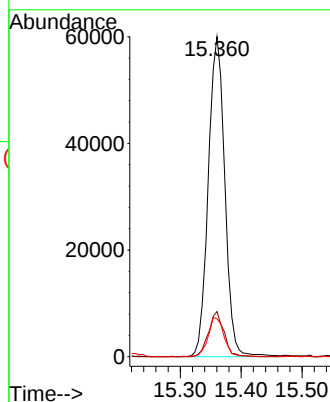
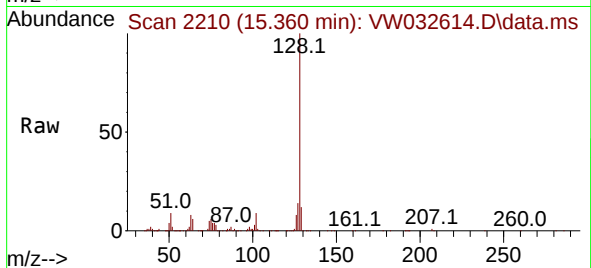
Tgt Ion:128 Resp: 113152

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.9 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 9.337 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032614.D

Acq: 10 Dec 2025 13:25

Tgt Ion:180 Resp: 48571

Ion Ratio Lower Upper

180 100

182 94.6 45.9 137.6

145 35.0 17.0 51.0

