

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
 Data File : VW032411.D
 Acq On : 10 Nov 2025 17:00
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 11 03:37:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:33:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	435986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	797552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	719357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	315359	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	823539	146.514	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 293.020%#	
35) Dibromofluoromethane	7.904	113	696957	145.955	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 291.920%#	
50) Toluene-d8	10.325	98	2691800	146.940	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 293.880%#	
62) 4-Bromofluorobenzene	12.617	95	1007366	145.569	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 291.140%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	300485	134.572	ug/l	98
3) Chloromethane	2.253	50	575315	151.736	ug/l	99
4) Vinyl Chloride	2.405	62	690759	144.355	ug/l	100
5) Bromomethane	2.814	94	468539	146.379	ug/l	97
6) Chloroethane	2.966	64	463613	148.087	ug/l	100
7) Trichlorofluoromethane	3.308	101	591071	157.548	ug/l	95
8) Diethyl Ether	3.716	74	454616	148.213	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	586837	143.593	ug/l	100
10) Methyl Iodide	4.301	142	977057	148.436	ug/l	98
11) Tert butyl alcohol	5.216	59	341966	703.576	ug/l	99
12) 1,1-Dichloroethene	4.076	96	684456	146.058	ug/l	95
13) Acrolein	3.930	56	599820	735.542	ug/l	97
14) Allyl chloride	4.704	41	1348651	149.653	ug/l	99
15) Acrylonitrile	5.399	53	1304835	735.748	ug/l	100
16) Acetone	4.161	43	1231978	732.607	ug/l	98
17) Carbon Disulfide	4.417	76	2097048	151.404	ug/l	99
18) Methyl Acetate	4.704	43	637225	153.021	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	1407972	142.531	ug/l	98
20) Methylene Chloride	4.954	84	823132	136.871	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	782759	146.081	ug/l	96
22) Diisopropyl ether	6.338	45	2672365	145.645	ug/l	99
23) Vinyl Acetate	6.283	43	9418125	749.187	ug/l	99
24) 1,1-Dichloroethane	6.246	63	1487877	148.007	ug/l	99
25) 2-Butanone	7.191	43	1820645	734.880	ug/l	99
26) 2,2-Dichloropropane	7.185	77	774362	138.217	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	946132	147.772	ug/l	99
28) Bromochloromethane	7.533	49	689075	145.028	ug/l #	16
29) Tetrahydrofuran	7.551	42	1147539	729.769	ug/l	100
30) Chloroform	7.691	83	1443061	146.635	ug/l	99
31) Cyclohexane	7.972	56	1276256	137.246	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	1016260	144.555	ug/l	98
36) 1,1-Dichloropropene	8.093	75	1045183	148.554	ug/l	99
37) Ethyl Acetate	7.270	43	758180	144.920	ug/l	100
38) Carbon Tetrachloride	8.081	117	935129	149.585	ug/l	98
39) Methylcyclohexane	9.343	83	1368173	150.110	ug/l	94
40) Benzene	8.337	78	3302092	145.740	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	439701	152.996	ug/l	98
42) 1,2-Dichloroethane	8.410	62	977444	146.870	ug/l	100
43) Isopropyl Acetate	8.435	43	1401399	151.278	ug/l	100
44) Trichloroethene	9.099	130	771901	146.409	ug/l	95
45) 1,2-Dichloropropane	9.374	63	828599	146.870	ug/l	98
46) Dibromomethane	9.465	93	477479	144.830	ug/l	97
47) Bromodichloromethane	9.648	83	1152120	153.199	ug/l	97
48) Methyl methacrylate	9.441	41	706671	160.532	ug/l	100
49) 1,4-Dioxane	9.459	88	132273	2864.004	ug/l #	100
51) 4-Methyl-2-Pentanone	10.209	43	3720409	726.470	ug/l	99
52) Toluene	10.392	92	2054324	146.788	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	1212474	156.547	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	1373940	153.398	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	661729	146.312	ug/l	98
56) Ethyl methacrylate	10.648	69	1077015	155.202	ug/l	99
57) 1,3-Dichloropropane	10.934	76	1184554	146.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	2815169	761.770	ug/l	100
59) 2-Hexanone	10.971	43	2707666	722.649	ug/l	99
60) Dibromochloromethane	11.130	129	771162	152.685	ug/l	98
61) 1,2-Dibromoethane	11.233	107	650672	147.713	ug/l	97
64) Tetrachloroethene	10.867	164	618662	145.230	ug/l	88
65) Chlorobenzene	11.654	112	2207255	142.361	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	706156	147.164	ug/l	99
67) Ethyl Benzene	11.727	91	3839407	143.114	ug/l	97
68) m/p-Xylenes	11.837	106	2923713	290.261	ug/l	96
69) o-Xylene	12.166	106	1409302	146.124	ug/l	97
70) Styrene	12.178	104	2411726	145.364	ug/l	99
71) Bromoform	12.349	173	423010	148.835	ug/l #	95
73) Isopropylbenzene	12.459	105	3489900	150.679	ug/l	99
74) N-amyl acetate	12.270	43	1227847	152.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	786139	143.021	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	1050705	242.955	ug/l	32
77) Bromobenzene	12.745	156	813648	148.374	ug/l	97
78) n-propylbenzene	12.800	91	4246088	150.540	ug/l	99
79) 2-Chlorotoluene	12.891	91	2572090	149.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	2817712	147.463	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	307315	162.783	ug/l	96
82) 4-Chlorotoluene	12.983	91	2684128	149.879	ug/l	100
83) tert-Butylbenzene	13.202	119	2490454	149.829	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	2901660	149.302	ug/l	100
85) sec-Butylbenzene	13.379	105	3673311	148.386	ug/l	100
86) p-Isopropyltoluene	13.495	119	3073760	150.385	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	1509962	145.231	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	1515160	142.246	ug/l	97
89) n-Butylbenzene	13.818	91	3032908	151.884	ug/l	99
90) Hexachloroethane	14.086	117	584015	158.476	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	1407554	147.475	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	145307	153.453	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	938399	154.502	ug/l	98
94) Hexachlorobutadiene	15.232	225	391549	155.194	ug/l	96
95) Naphthalene	15.360	128	2339043	154.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	856827	155.386	ug/l	92

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:33:05 2025
Response via : Initial Calibration

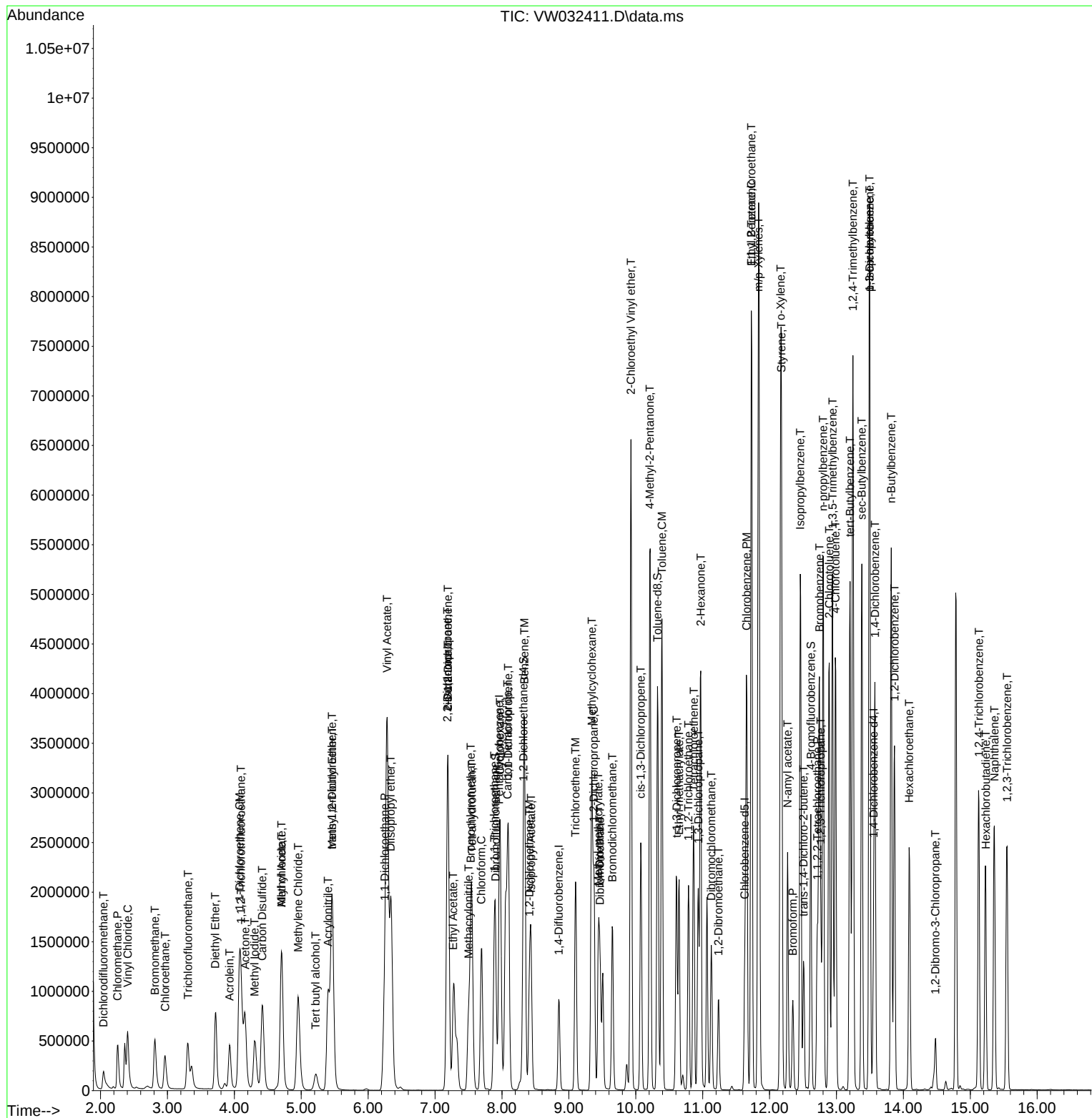
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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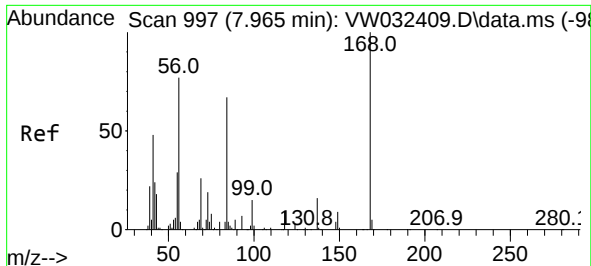
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 Data File : VW032411.D
 Acq On : 10 Nov 2025 17:00
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 Sample : VSTDIC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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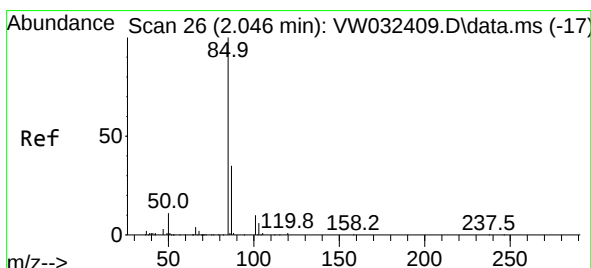
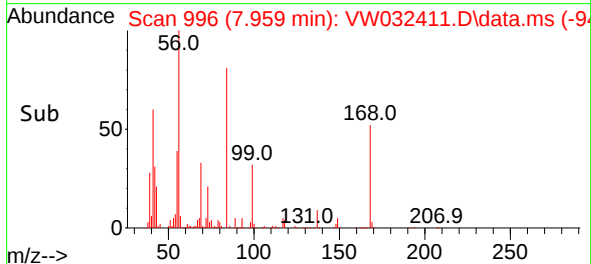
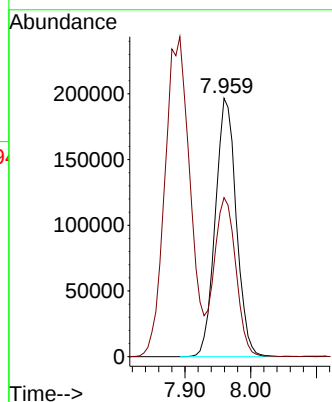
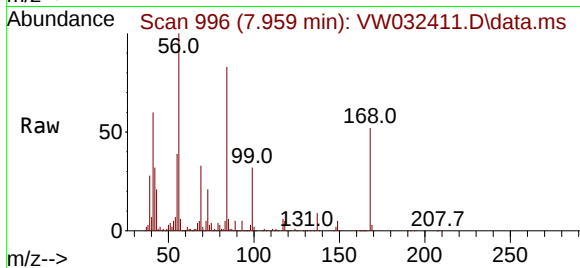




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

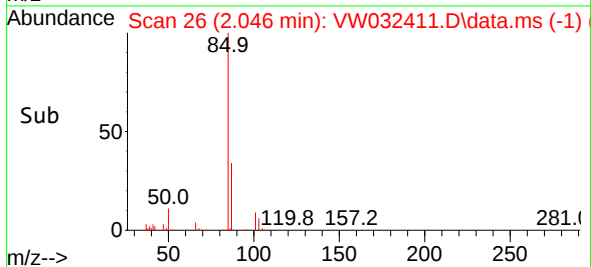
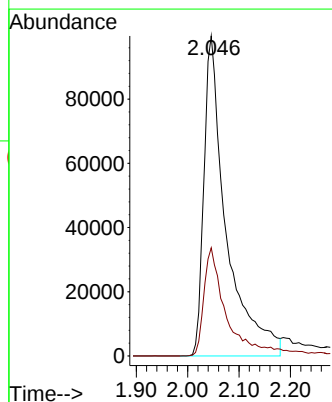
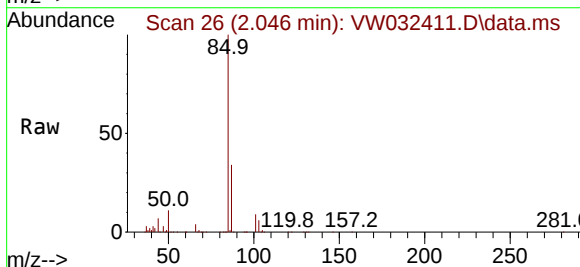
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 435986
Ion Ratio Lower Upper
168 100
99 61.5 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 134.572 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 85 Resp: 300485
Ion Ratio Lower Upper
85 100
87 33.8 17.4 52.2

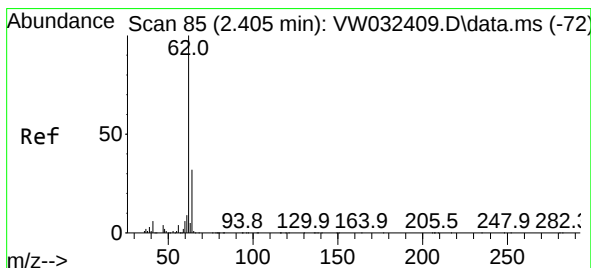
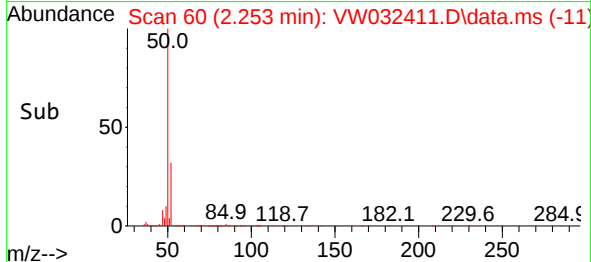
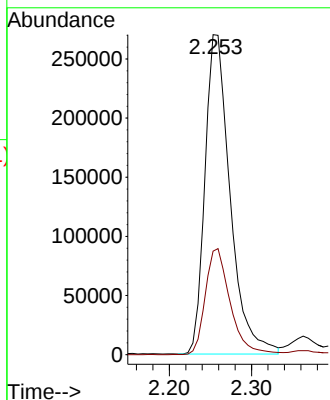
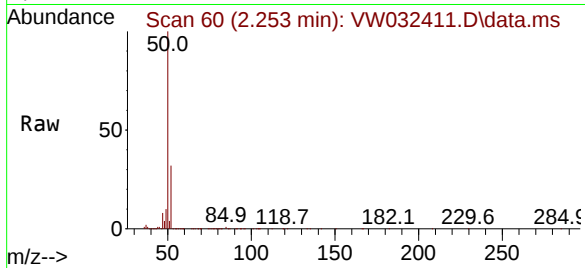




#3
Chloromethane
Concen: 151.736 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

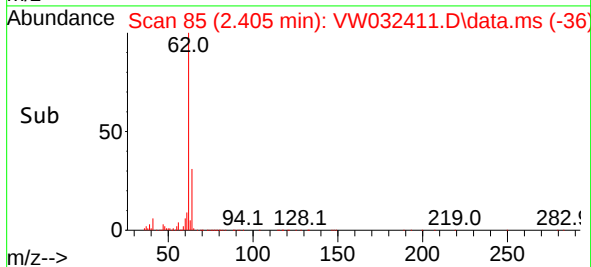
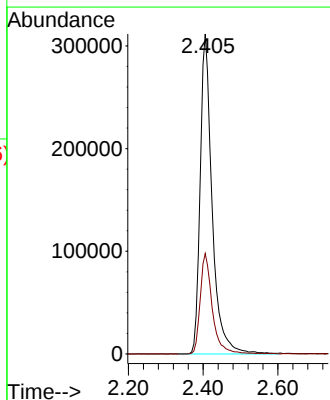
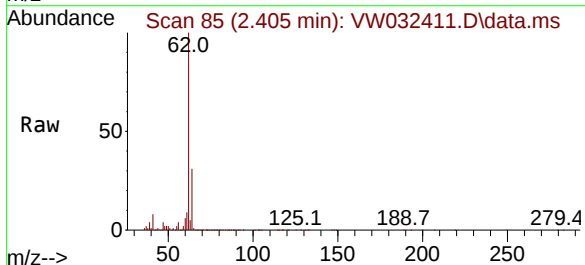
Instrument :
MSVOA_W
ClientSampleId :
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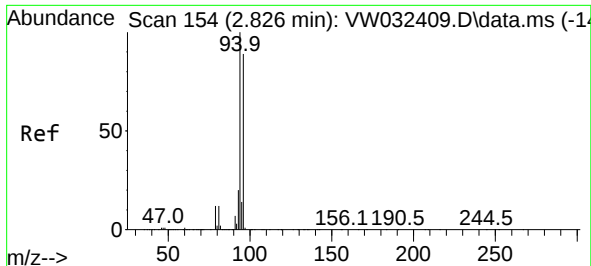
Tgt Ion: 50 Resp: 575315
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 144.355 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 62 Resp: 690759
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8

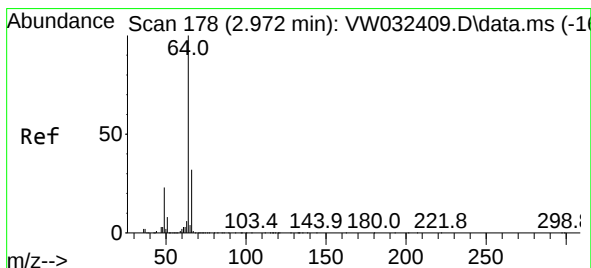
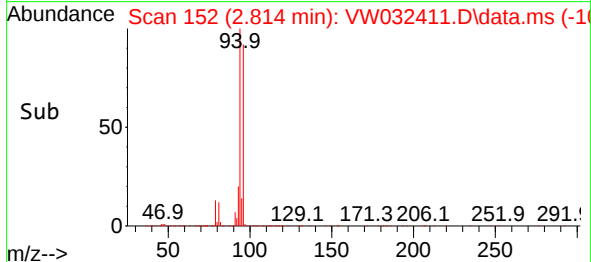
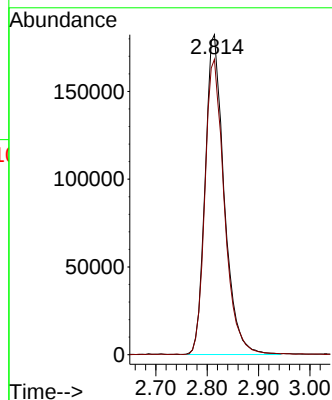
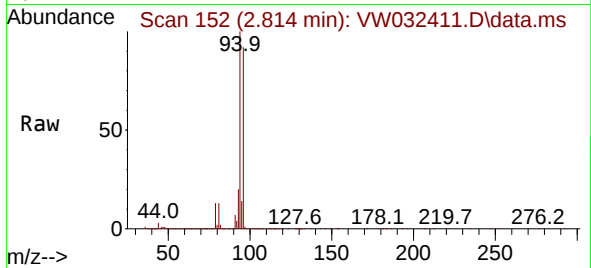




#5
Bromomethane
Concen: 146.379 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

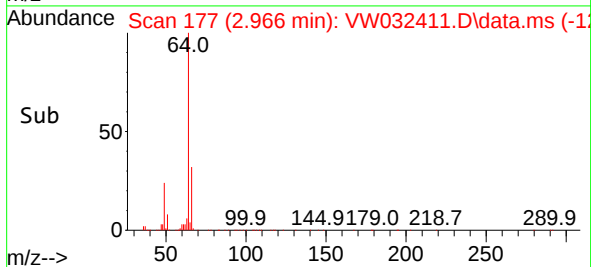
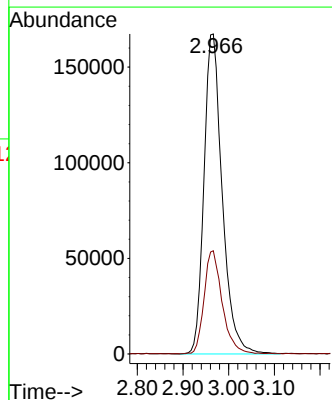
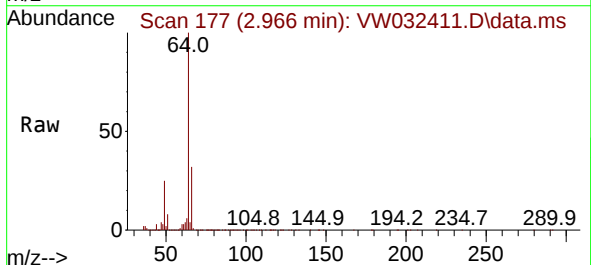
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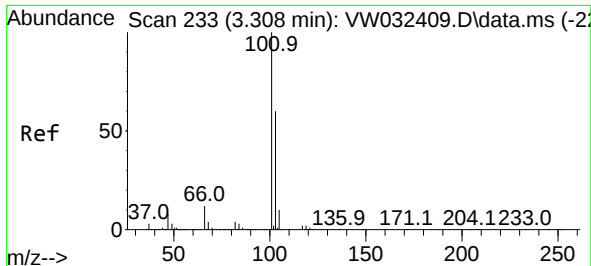
Tgt Ion: 94 Resp: 468539
Ion Ratio Lower Upper
94 100
96 92.3 71.4 107.2



#6
Chloroethane
Concen: 148.087 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 64 Resp: 463613
Ion Ratio Lower Upper
64 100
66 32.2 25.6 38.4

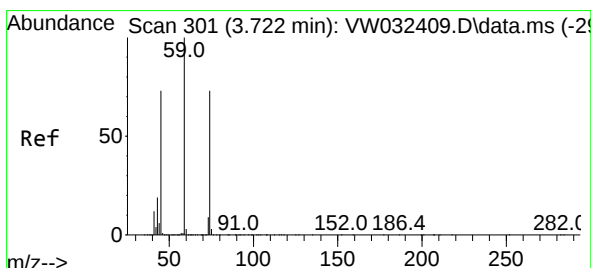
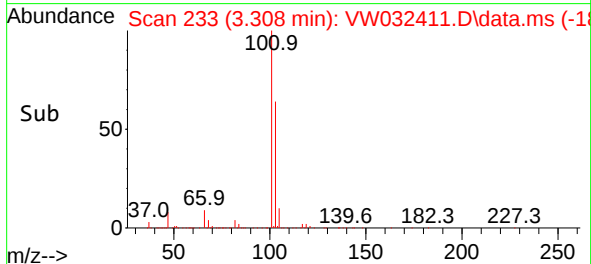
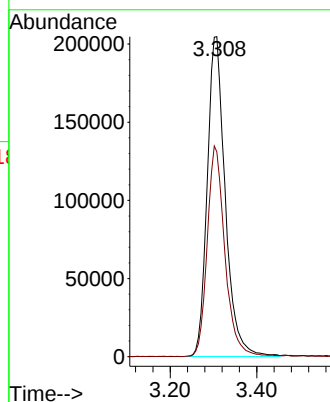
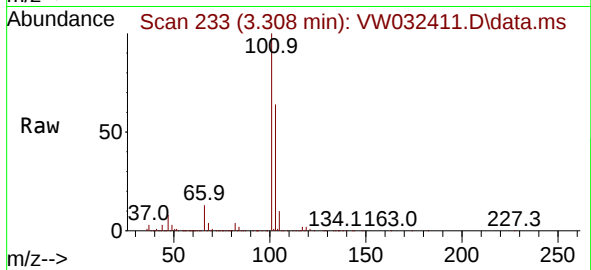




#7
 Trichlorofluoromethane
 Concen: 157.548 ug/l
 RT: 3.308 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

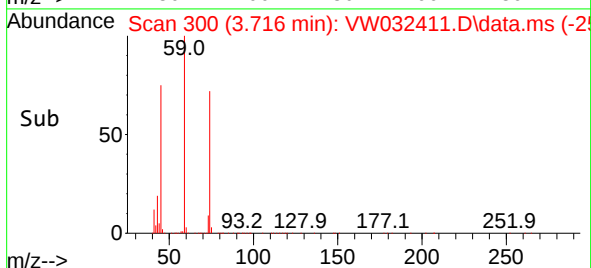
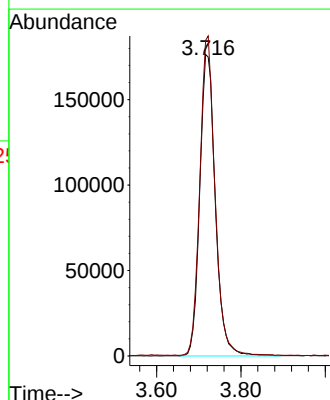
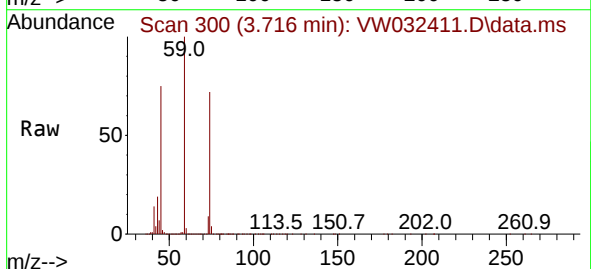
Instrument :
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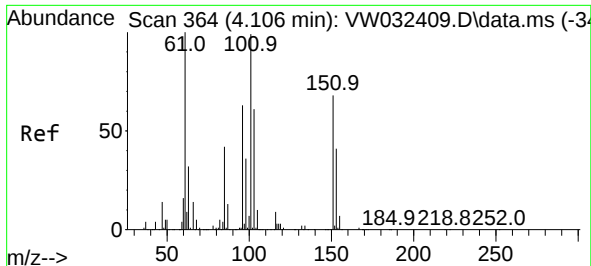
Tgt Ion:101 Resp: 591071
 Ion Ratio Lower Upper
 101 100
 103 63.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 148.213 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

Tgt Ion: 74 Resp: 454616
 Ion Ratio Lower Upper
 74 100
 45 103.2 51.8 155.4

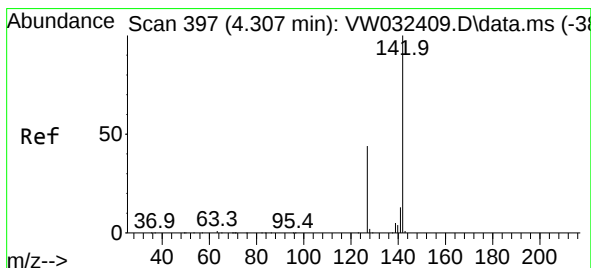
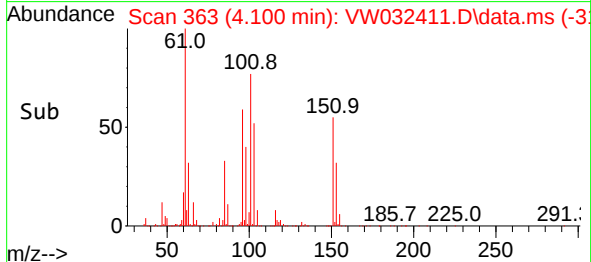
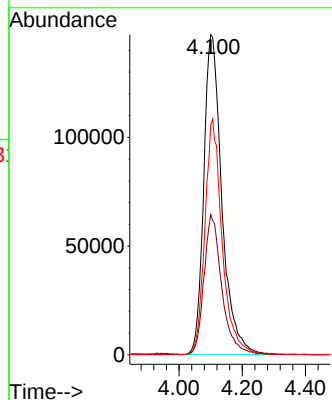
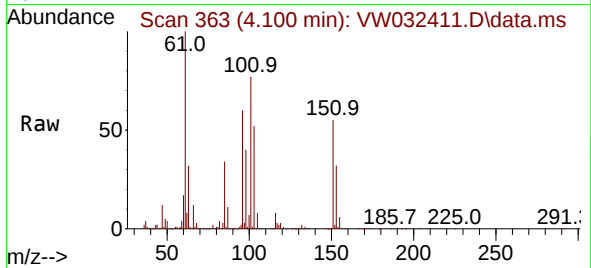




#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.593 ug/l
RT: 4.100 min Scan# 301
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

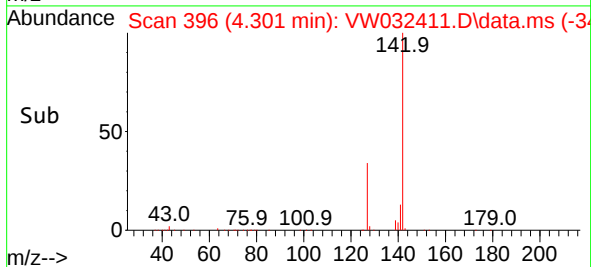
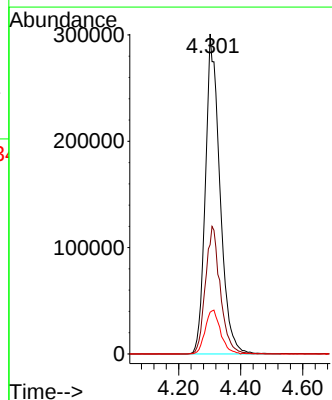
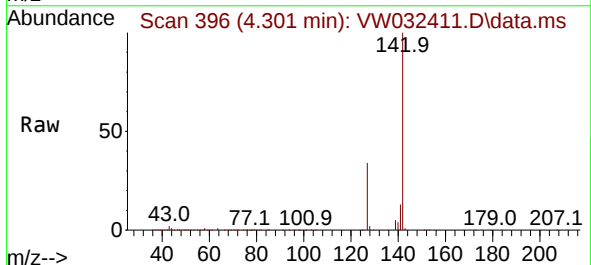
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

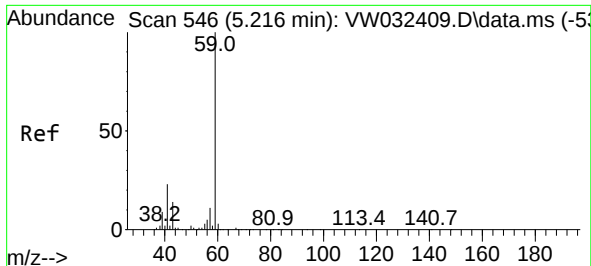
Tgt Ion:101 Resp: 586837
Ion Ratio Lower Upper
101 100
85 42.7 34.1 51.1
151 70.4 56.4 84.6



#10
Methyl Iodide
Concen: 148.436 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:142 Resp: 977057
Ion Ratio Lower Upper
142 100
127 40.8 34.2 51.2
141 14.4 11.8 17.8

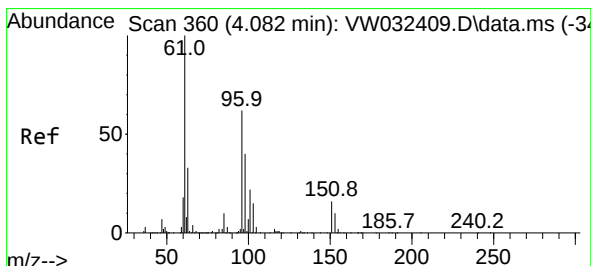
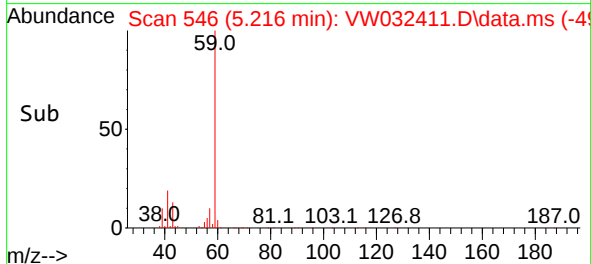
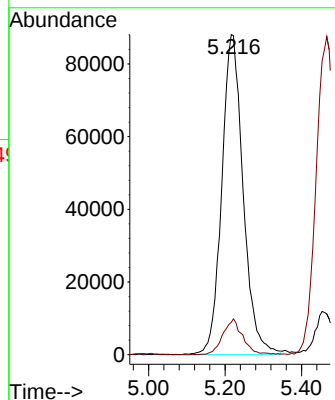
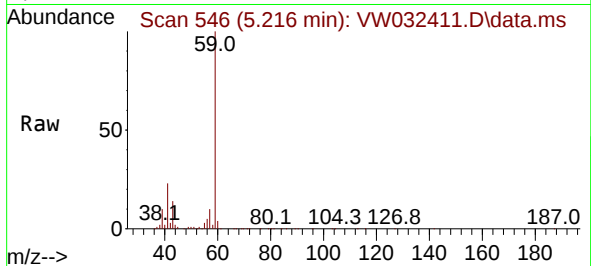




#11
Tert butyl alcohol
Concen: 703.576 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

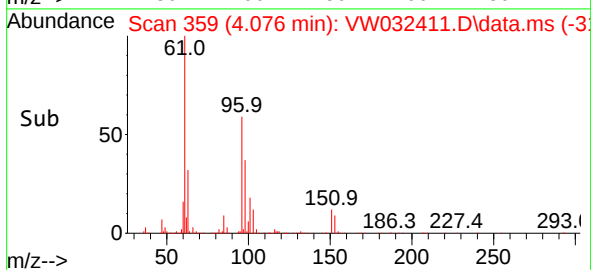
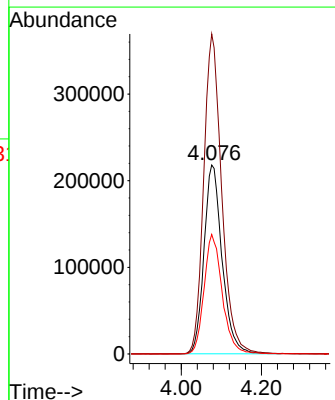
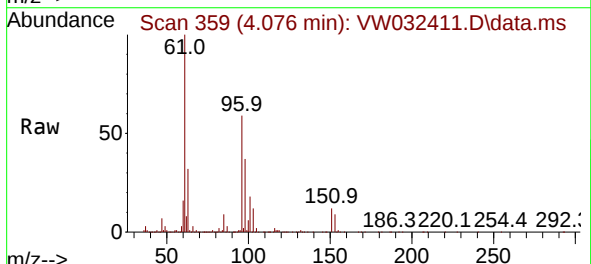
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 341966
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 146.058 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 96 Resp: 684456
Ion Ratio Lower Upper
96 100
61 169.3 129.0 193.6
98 63.3 51.1 76.7

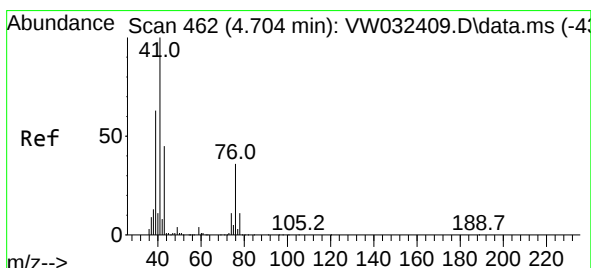
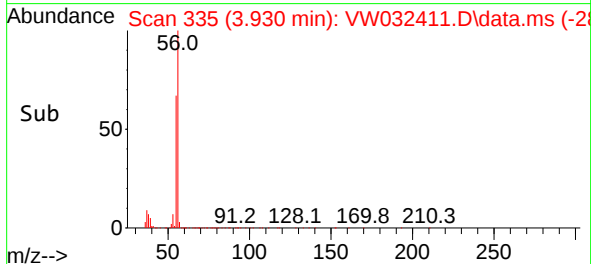
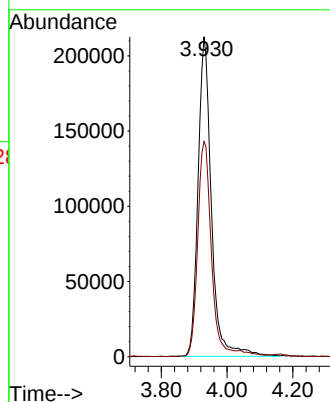
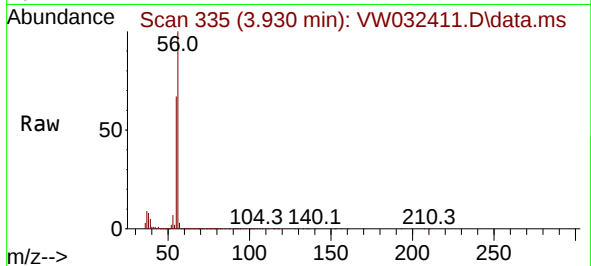




#13
Acrolein
Concen: 735.542 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

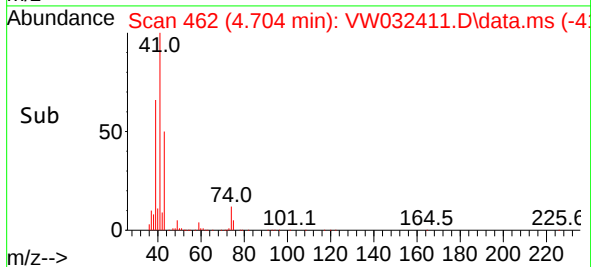
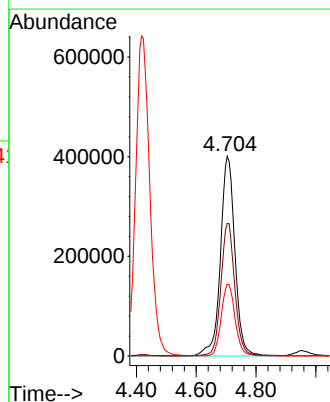
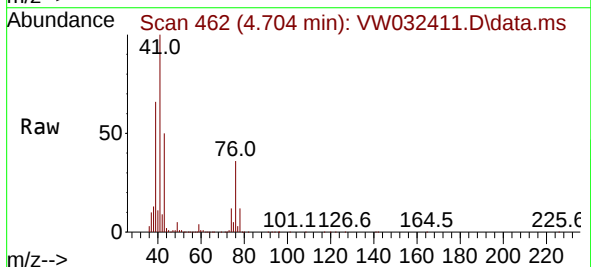
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

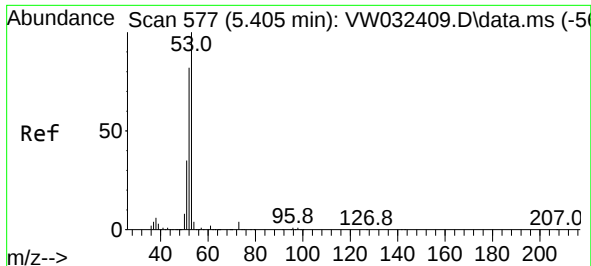
Tgt Ion: 56 Resp: 599820
Ion Ratio Lower Upper
56 100
55 68.0 56.3 84.5



#14
Allyl chloride
Concen: 149.653 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 41 Resp: 1348651
Ion Ratio Lower Upper
41 100
39 63.6 50.2 75.2
76 34.0 27.0 40.6



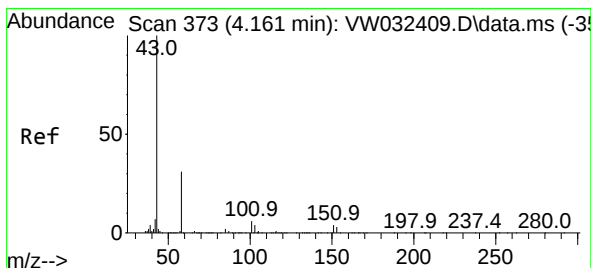
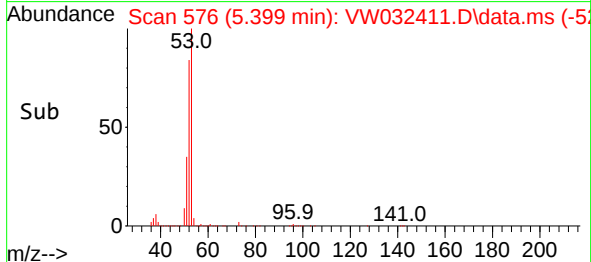
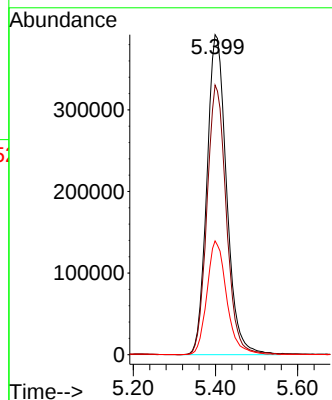
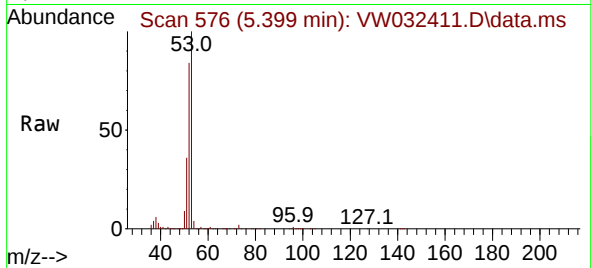


#15
Acrylonitrile
Concen: 735.748 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 1304835

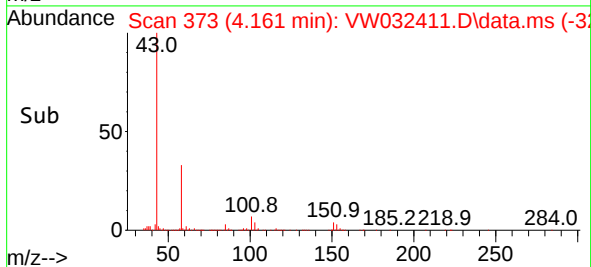
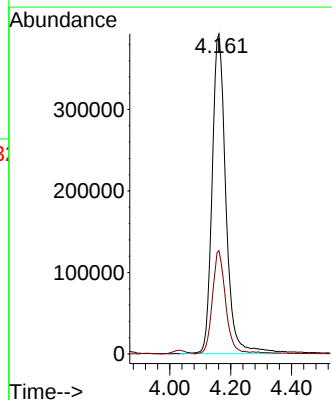
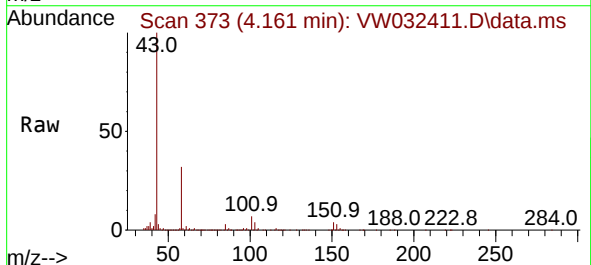
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	35.6	28.6	43.0

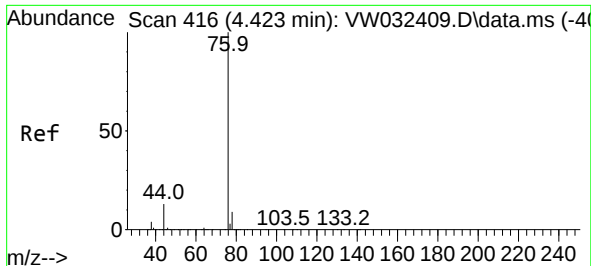


#16
Acetone
Concen: 732.607 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 43 Resp: 1231978

Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.8	37.2

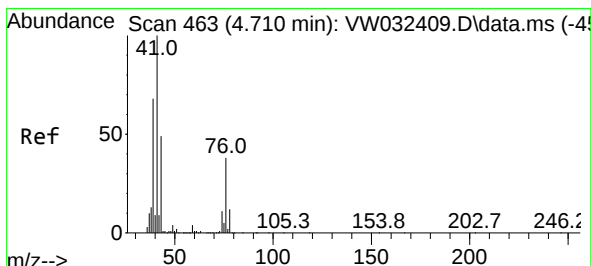
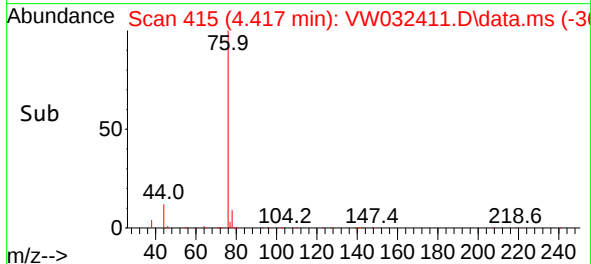
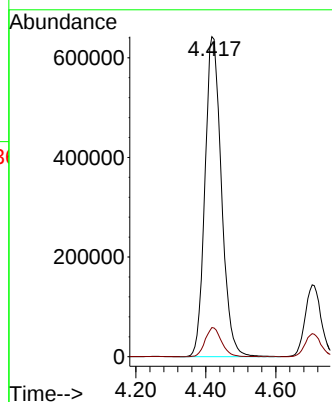
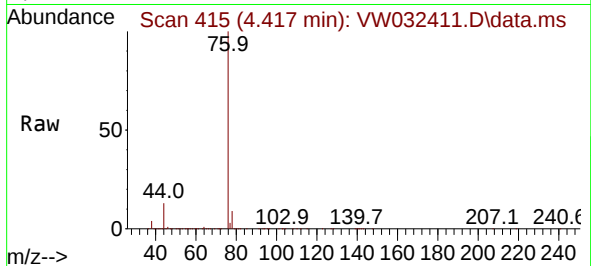




#17
Carbon Disulfide
Concen: 151.404 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

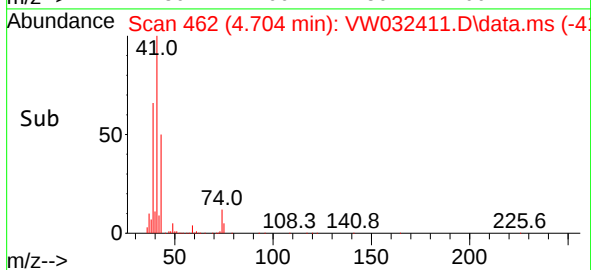
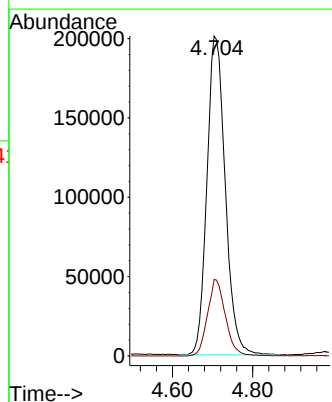
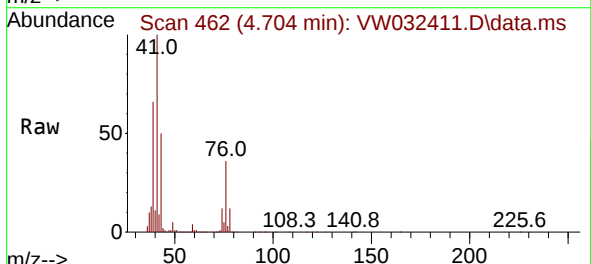
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

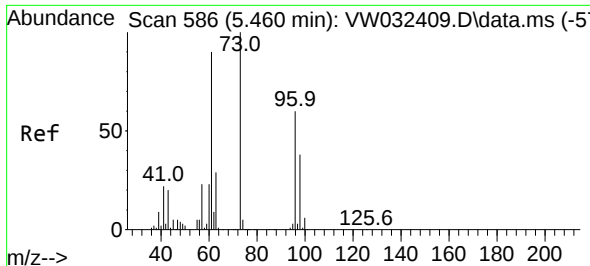
Tgt Ion: 76 Resp: 2097048
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 153.021 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 43 Resp: 637225
Ion Ratio Lower Upper
43 100
74 23.4 18.9 28.3

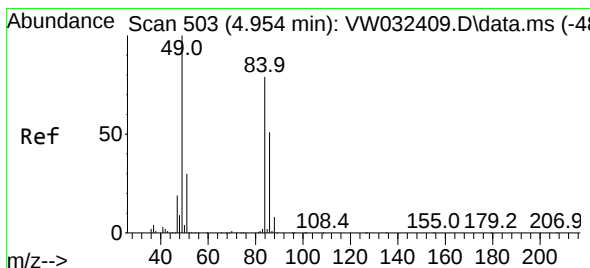
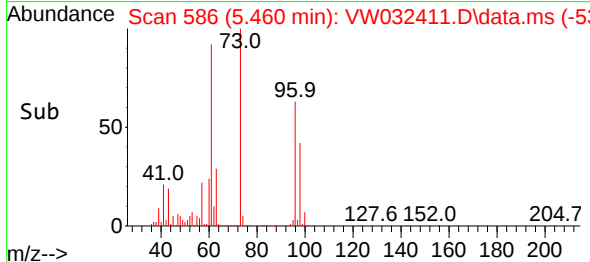
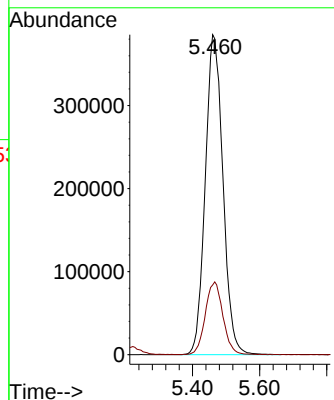
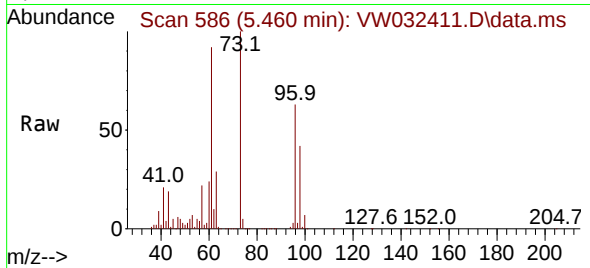




#19
Methyl tert-butyl Ether
Concen: 142.531 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

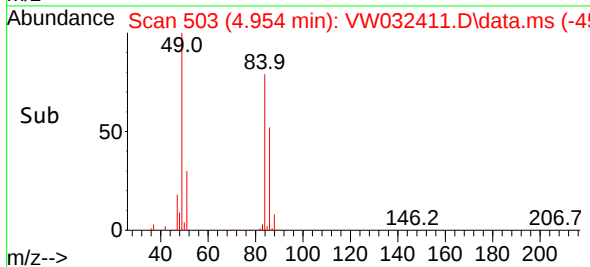
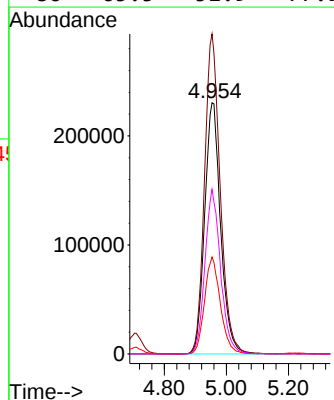
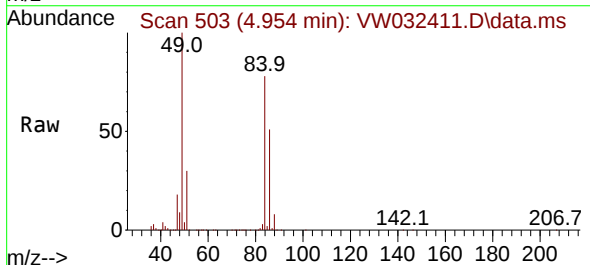
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

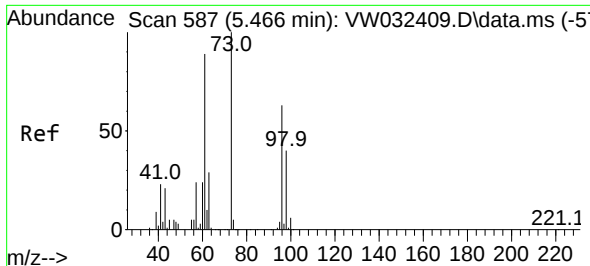
Tgt Ion: 73 Resp: 1407972
Ion Ratio Lower Upper
73 100
57 21.8 18.3 27.5



#20
Methylene Chloride
Concen: 136.871 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 84 Resp: 823132
Ion Ratio Lower Upper
84 100
49 127.4 101.5 152.3
51 38.6 30.6 46.0
86 65.5 51.9 77.9

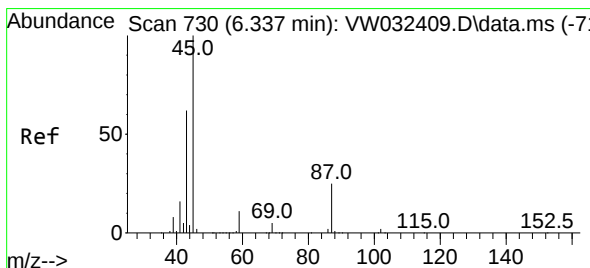
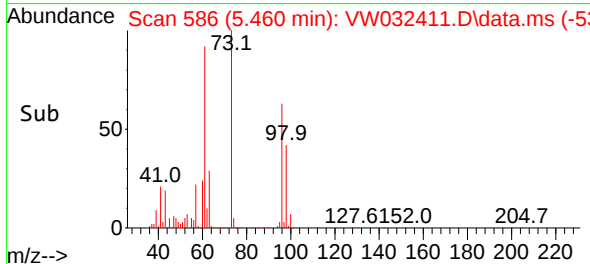
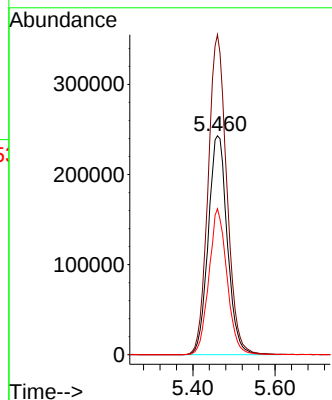
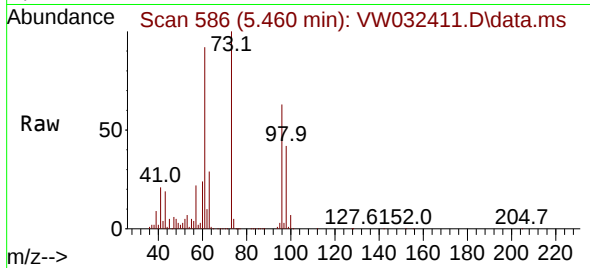




#21
trans-1,2-Dichloroethene
Concen: 146.081 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

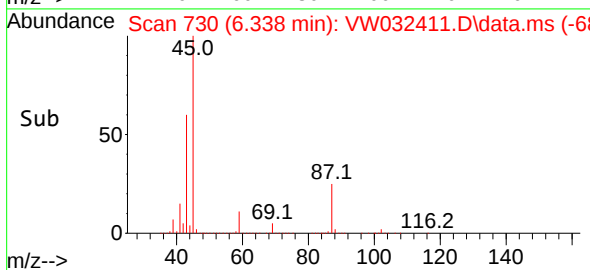
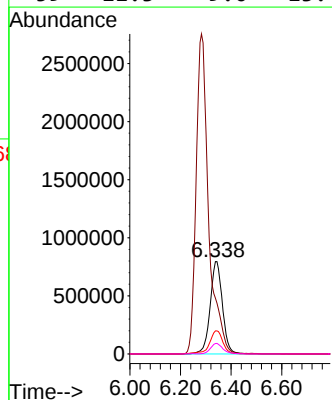
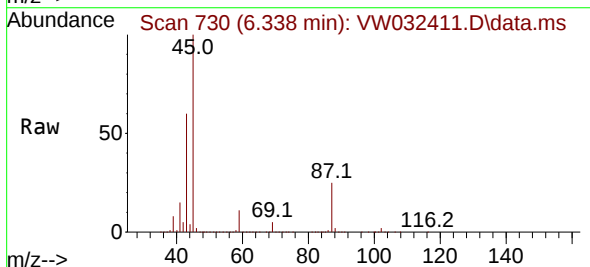
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

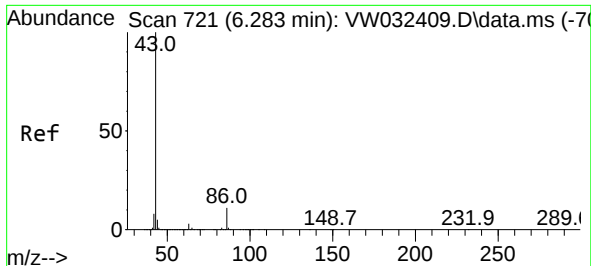
Tgt Ion: 96 Resp: 782759
Ion Ratio Lower Upper
96 100
61 146.2 112.5 168.7
98 66.7 51.1 76.7



#22
Diisopropyl ether
Concen: 145.645 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 45 Resp: 2672365
Ion Ratio Lower Upper
45 100
43 60.4 49.4 74.2
87 24.9 20.1 30.1
59 11.3 9.0 13.4

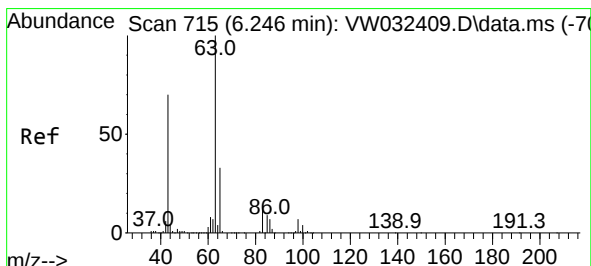
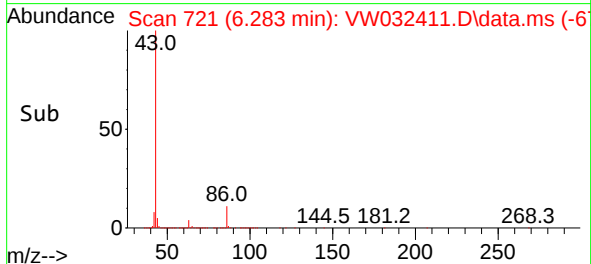
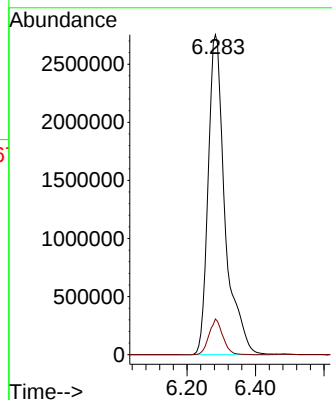
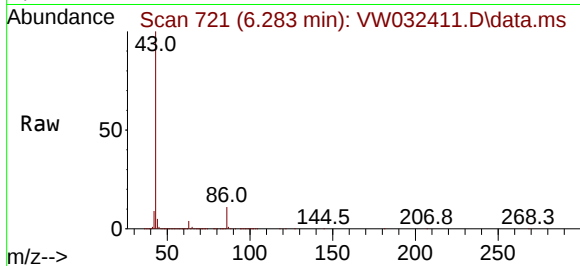




#23
 Vinyl Acetate
 Concen: 749.187 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

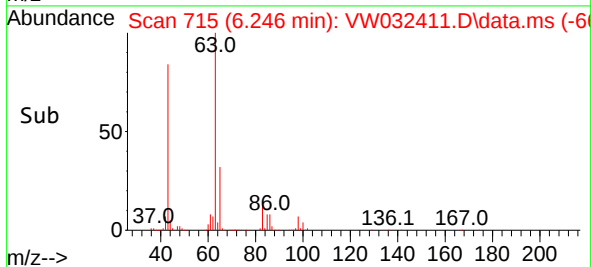
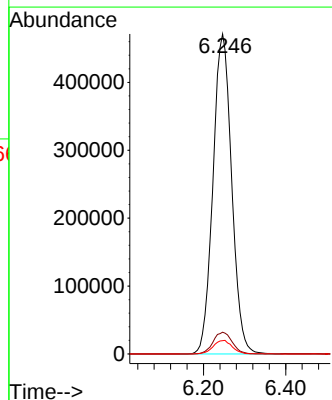
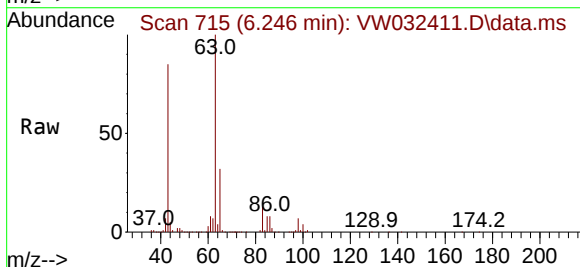
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

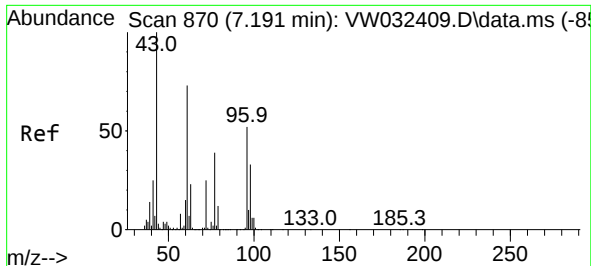
Tgt Ion: 43 Resp: 9418125
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 148.007 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

Tgt Ion: 63 Resp: 1487877
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.1 2.3 6.8

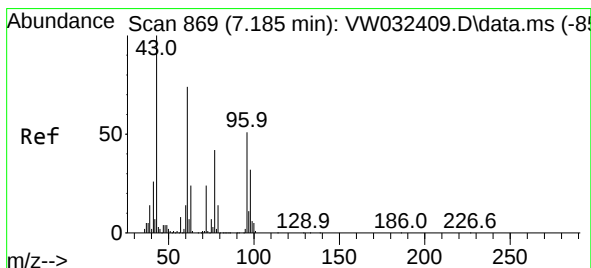
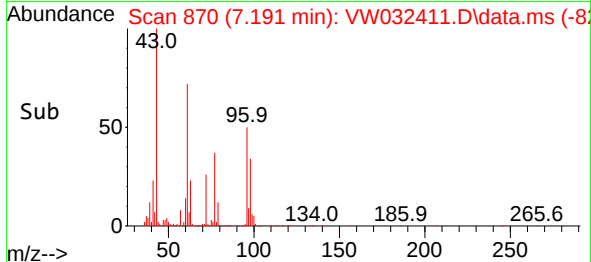
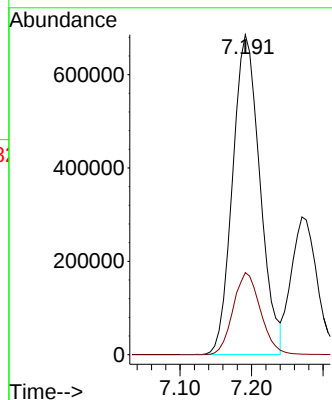
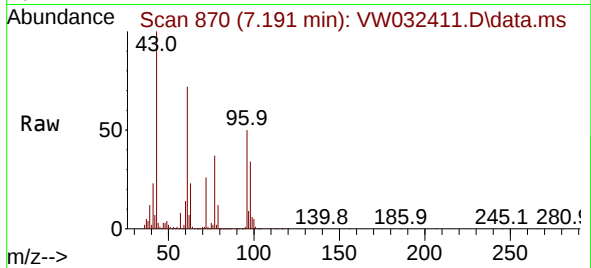




#25
2-Butanone
Concen: 734.880 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

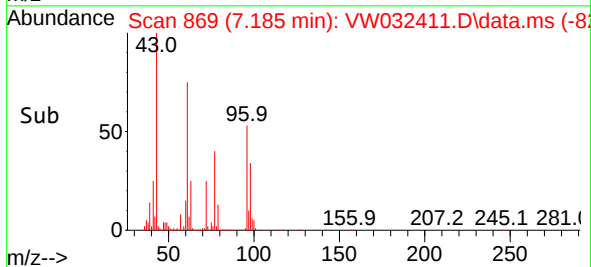
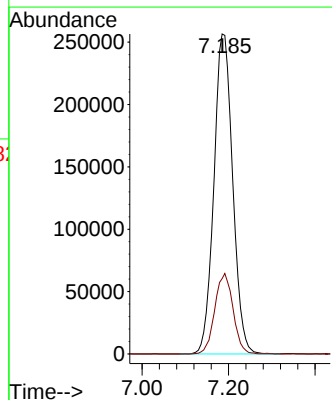
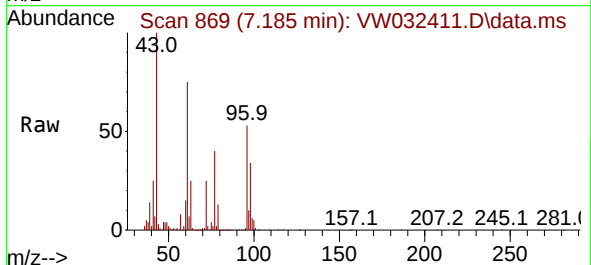
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

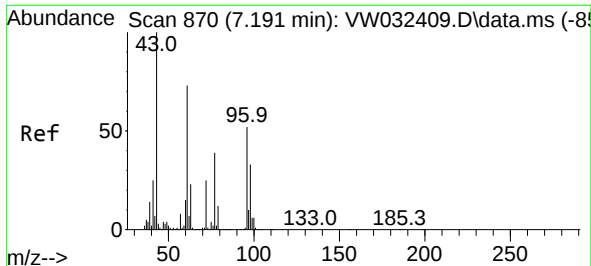
Tgt Ion: 43 Resp: 1820645
Ion Ratio Lower Upper
43 100
72 25.7 20.0 30.0



#26
2,2-Dichloropropane
Concen: 138.217 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 77 Resp: 774362
Ion Ratio Lower Upper
77 100
97 24.4 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 147.772 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

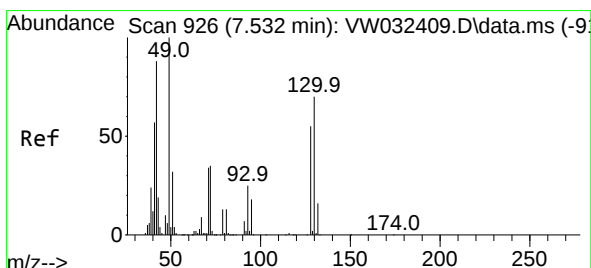
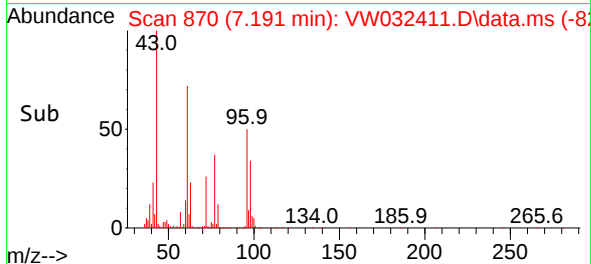
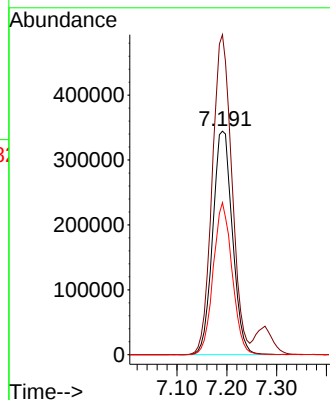
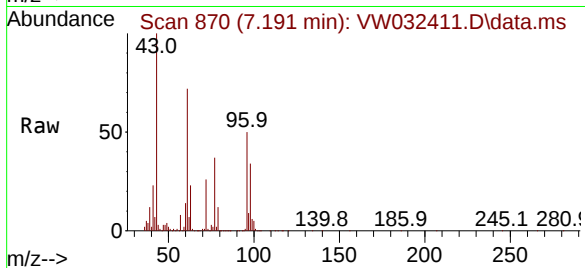
Tgt Ion: 96 Resp: 946132

Ion Ratio Lower Upper

96 100

61 142.6 0.0 282.6

98 65.1 0.0 128.6



#28

Bromochloromethane

Concen: 145.028 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

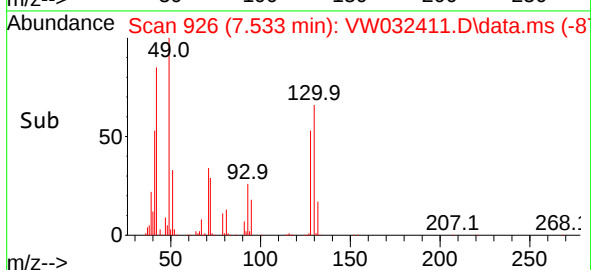
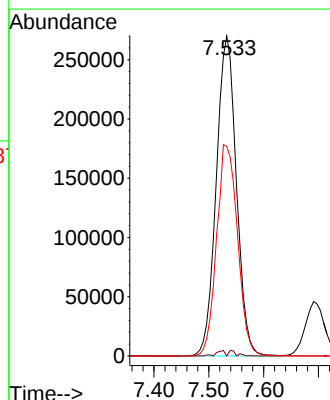
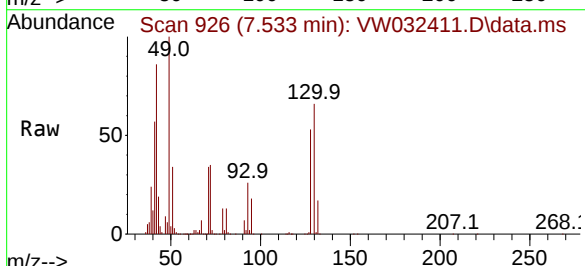
Tgt Ion: 49 Resp: 689075

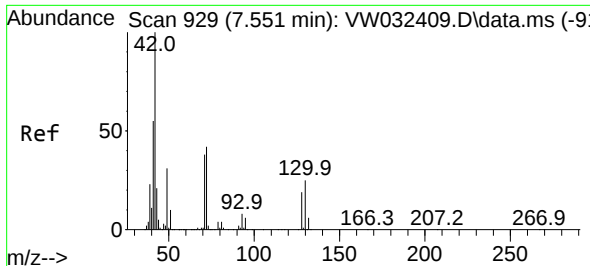
Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.8

130 0.0 56.9 85.3#

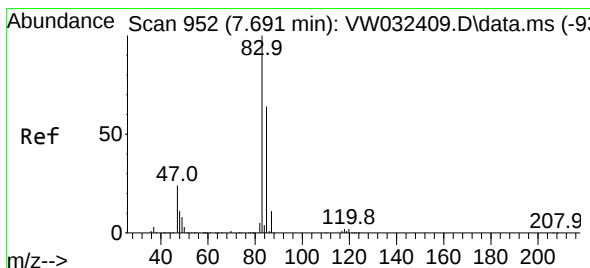
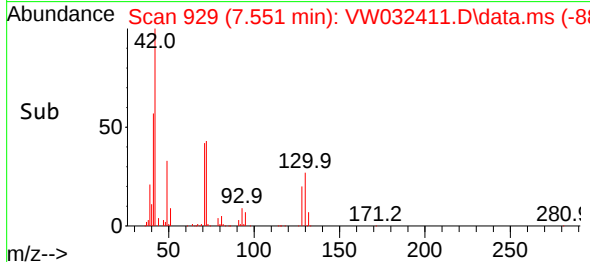
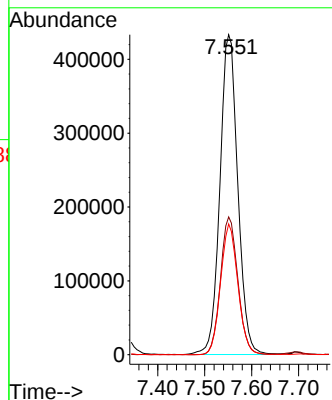
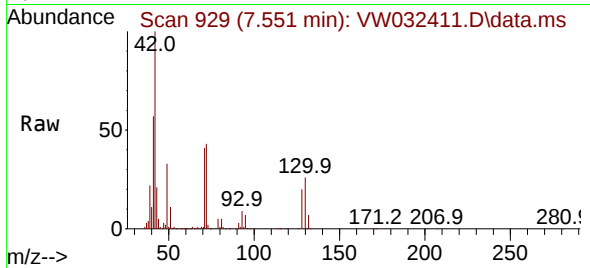




#29
Tetrahydrofuran
Concen: 729.769 ug/l
RT: 7.551 min Scan# 911
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

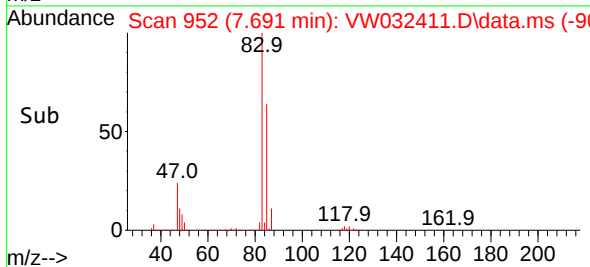
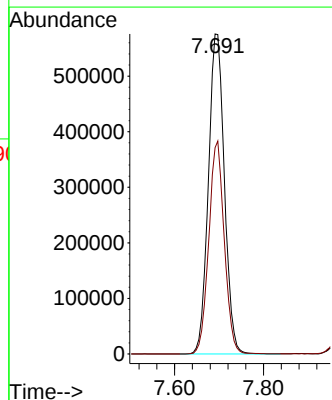
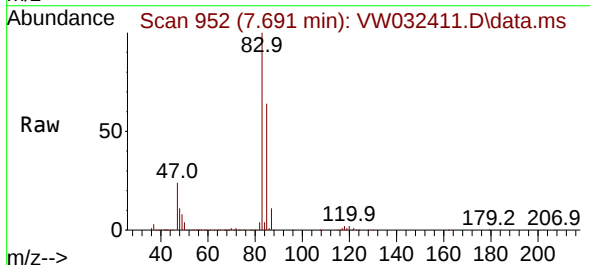
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

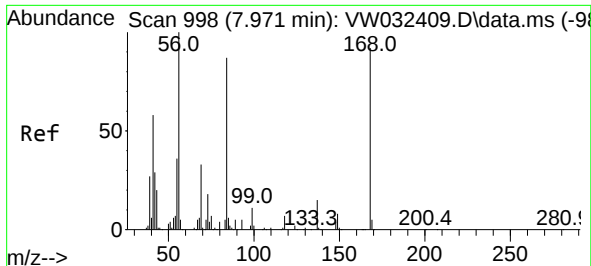
Tgt Ion: 42 Resp: 1147539
Ion Ratio Lower Upper
42 100
72 41.9 33.6 50.4
71 39.6 31.4 47.0



#30
Chloroform
Concen: 146.635 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 83 Resp: 1443061
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.4

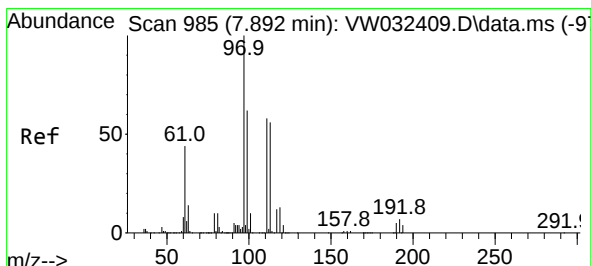
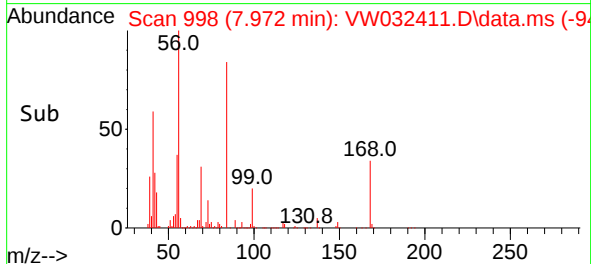
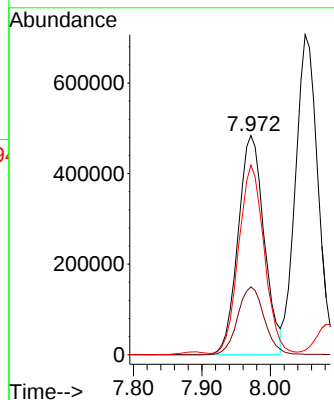
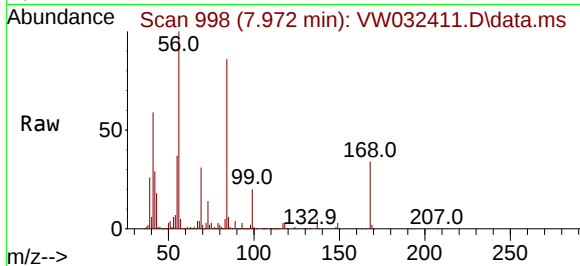




#31
Cyclohexane
Concen: 137.246 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

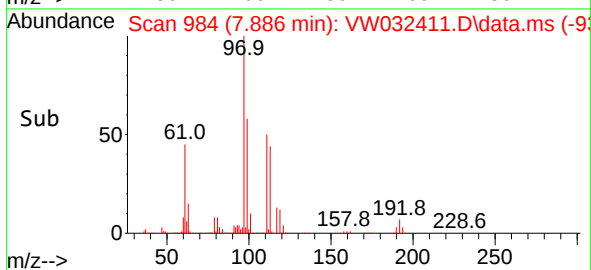
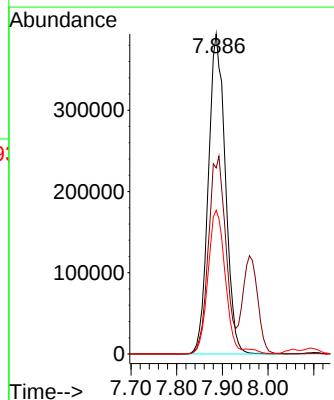
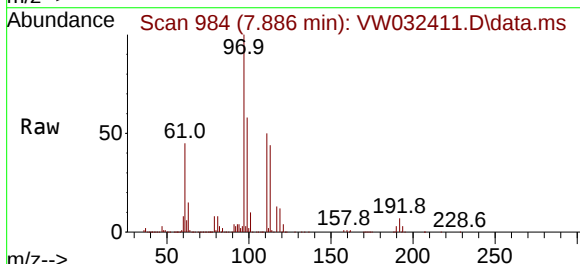
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

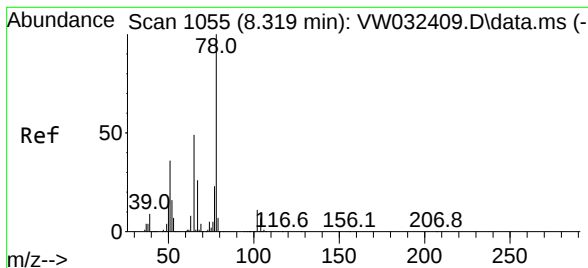
Tgt Ion: 56 Resp: 1276256
Ion Ratio Lower Upper
56 100
69 31.0 26.5 39.7
84 85.8 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 144.555 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 97 Resp: 1016260
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.8
61 45.6 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 146.514 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

MSVOA_W

ClientSampleId :

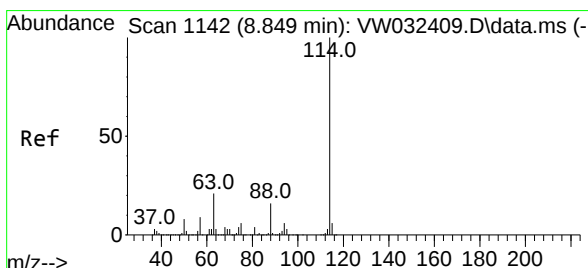
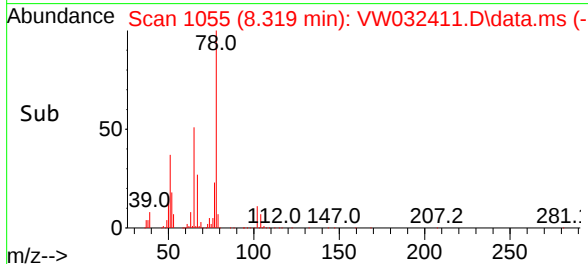
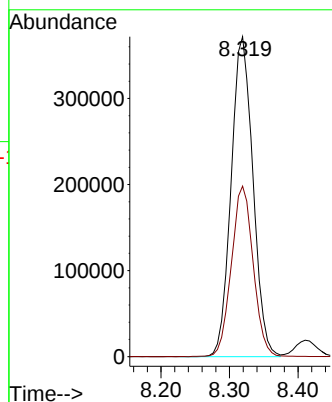
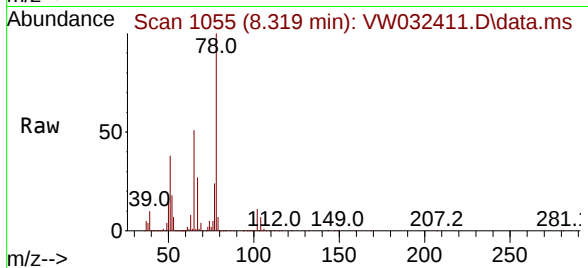
VSTDIC150

Tgt Ion: 65 Resp: 823539

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

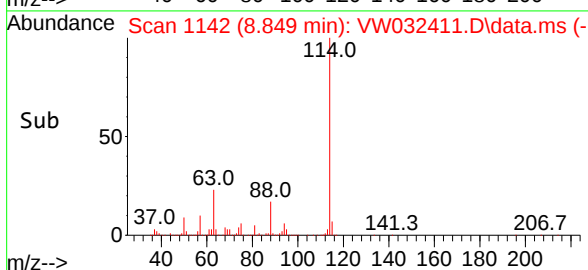
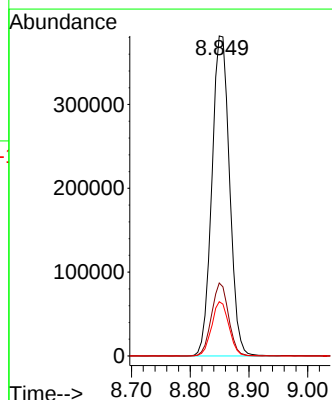
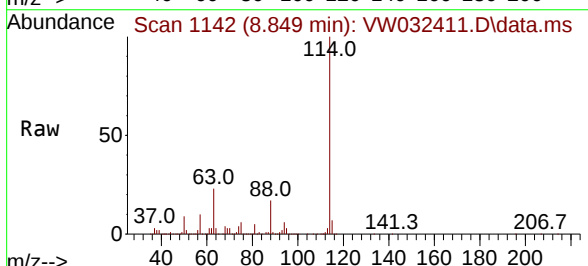
Tgt Ion: 114 Resp: 797552

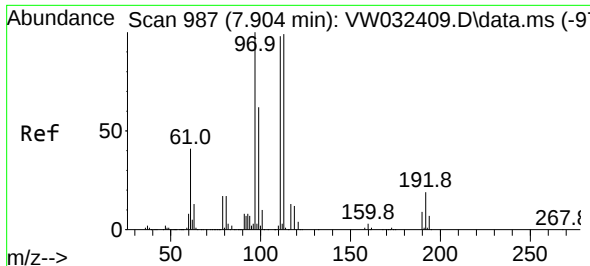
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 17.0 0.0 32.6

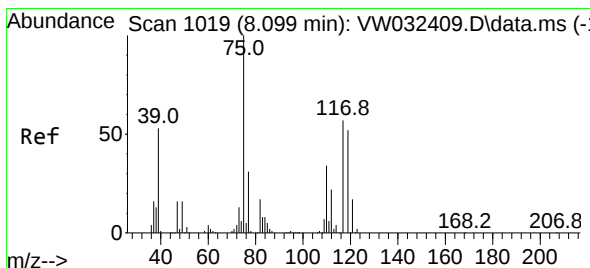
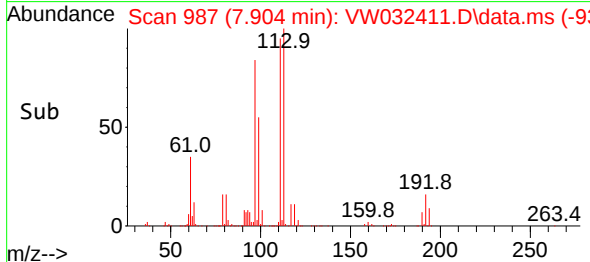
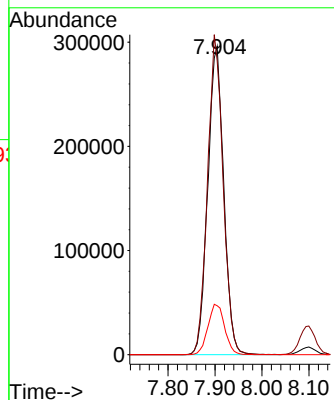
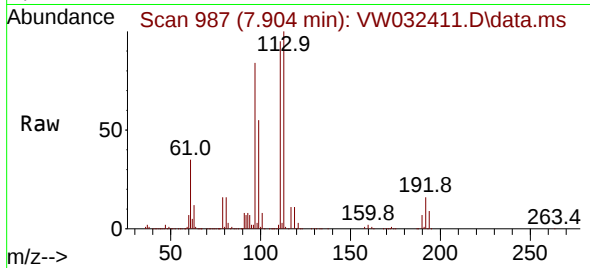




#35
 Dibromofluoromethane
 Concen: 145.955 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

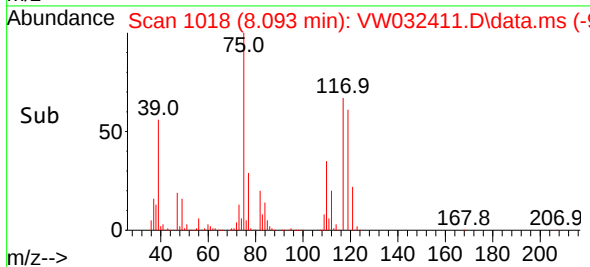
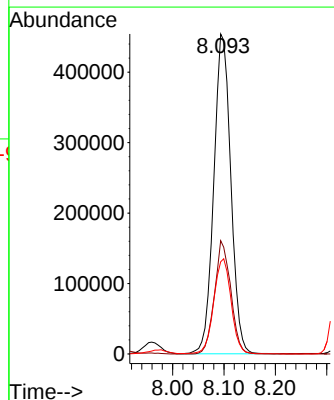
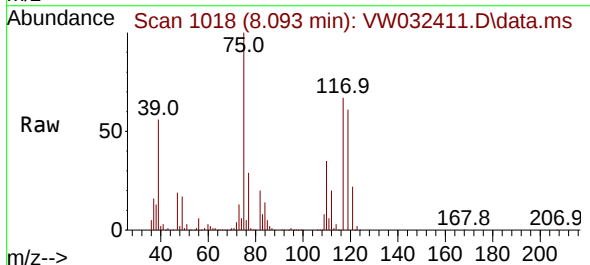
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

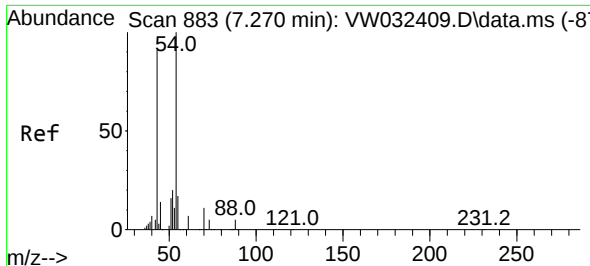
Tgt Ion:113 Resp: 696957
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.1 124.7
 192 17.1 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 148.554 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

Tgt Ion: 75 Resp: 1045183
 Ion Ratio Lower Upper
 75 100
 110 33.8 17.2 51.5
 77 30.4 24.5 36.7

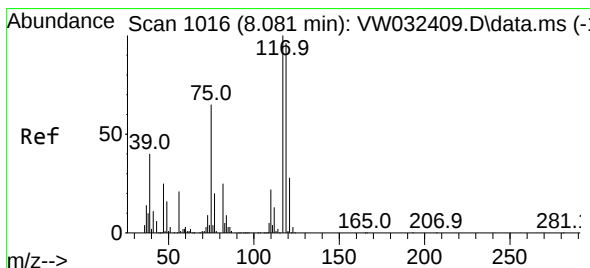
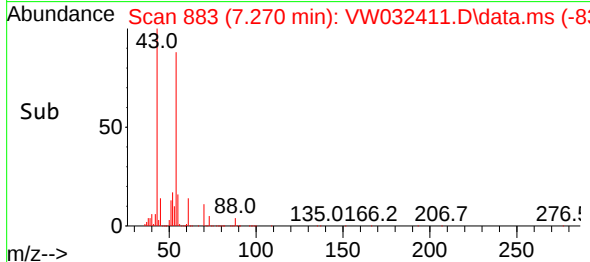
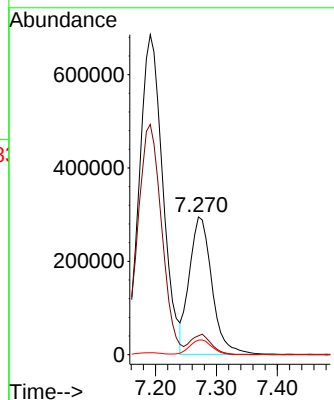
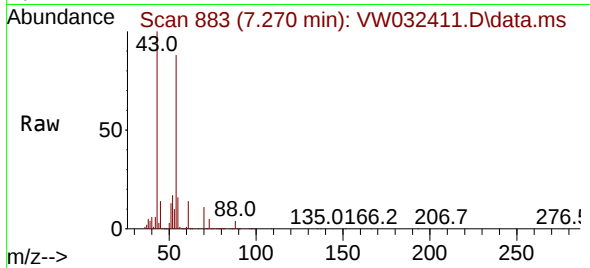




#37
Ethyl Acetate
Concen: 144.920 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

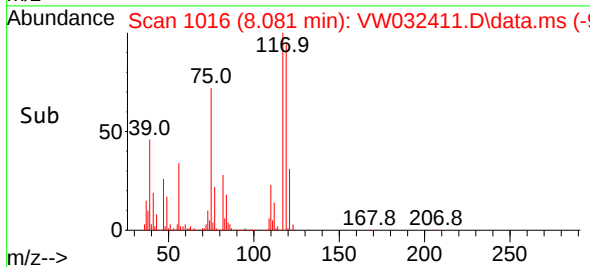
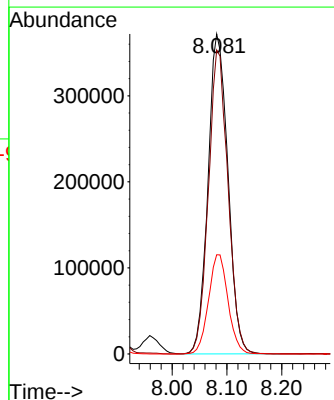
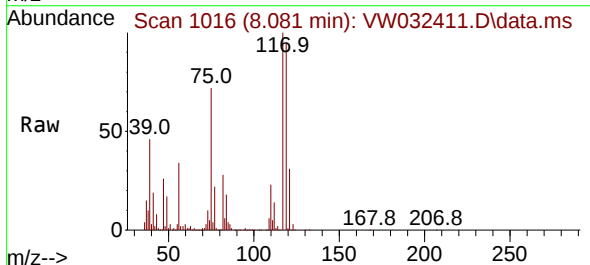
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

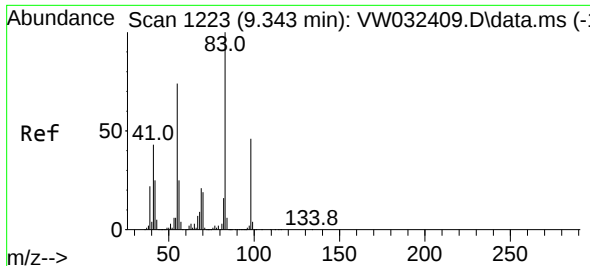
Tgt Ion: 43 Resp: 758180
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.6
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 149.585 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 117 Resp: 935129
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4
121 31.0 22.0 33.0





#39

Methylcyclohexane

Concen: 150.110 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

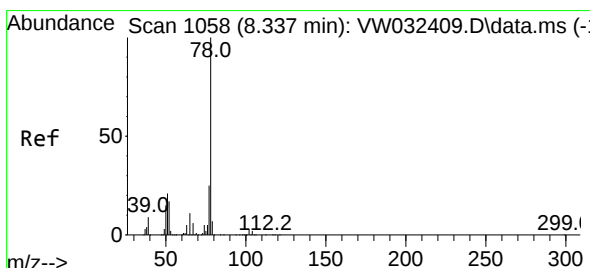
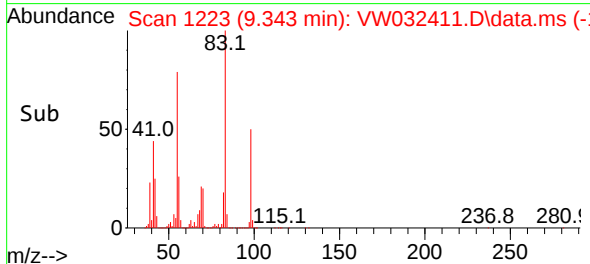
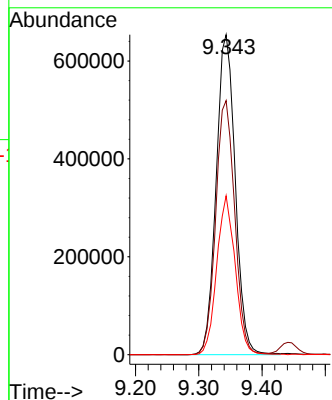
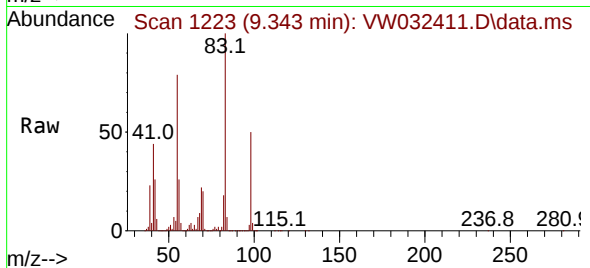
MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1368173

Ion	Ratio	Lower	Upper
83	100		
55	79.4	59.2	88.8
98	49.7	36.6	54.8



#40

Benzene

Concen: 145.740 ug/l

RT: 8.337 min Scan# 1058

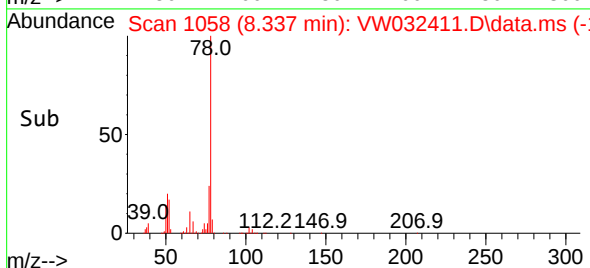
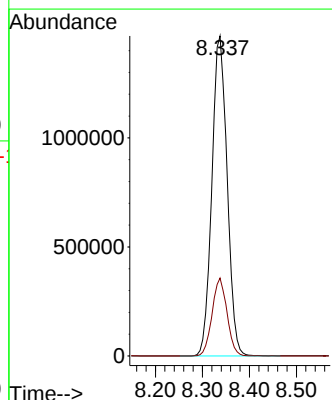
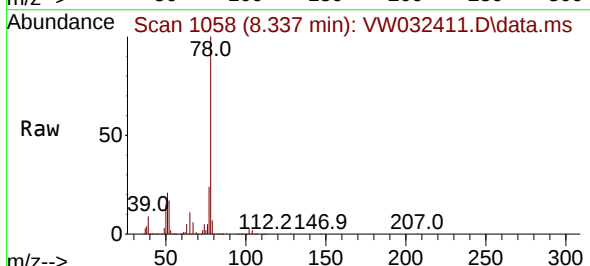
Delta R.T. 0.000 min

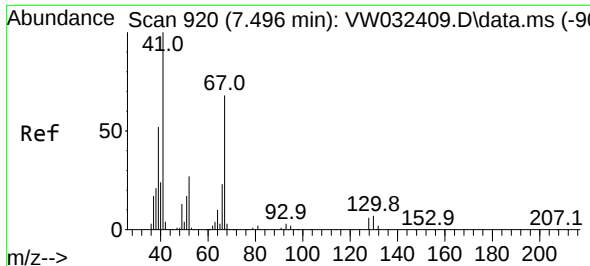
Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Tgt Ion: 78 Resp: 3302092

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.6	29.4



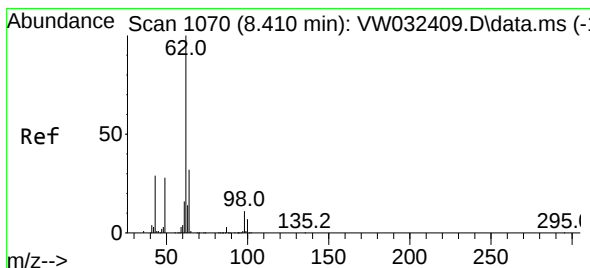
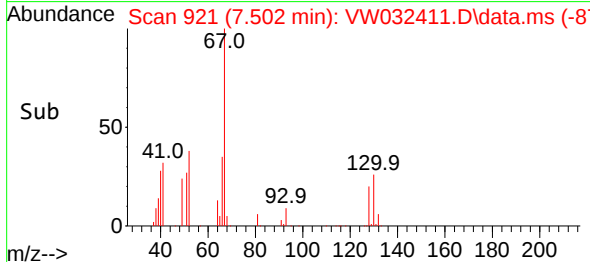
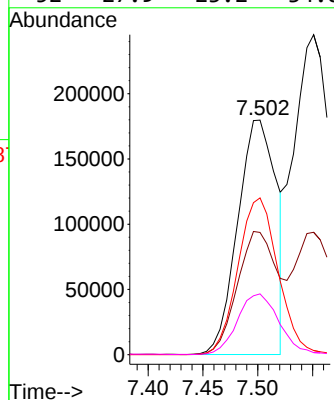
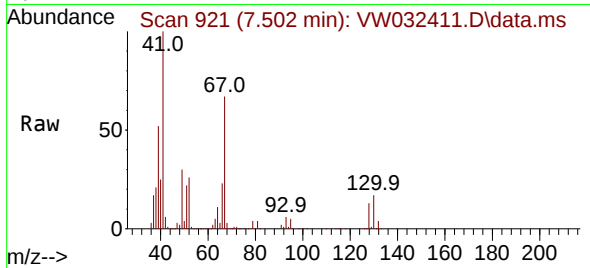


#41
Methacrylonitrile
Concen: 152.996 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 439701

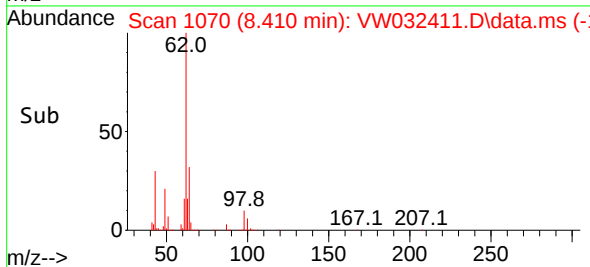
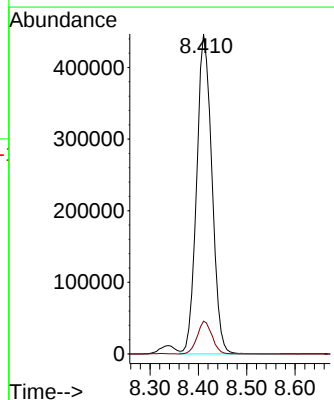
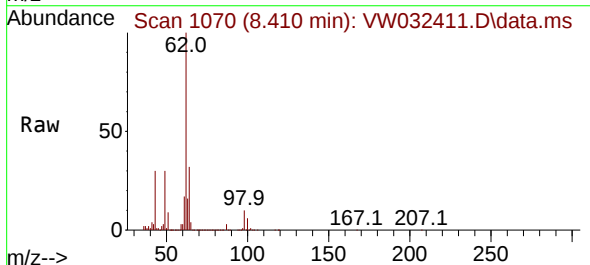
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.6	66.8
67	69.9	57.6	86.4
52	27.9	23.2	34.8

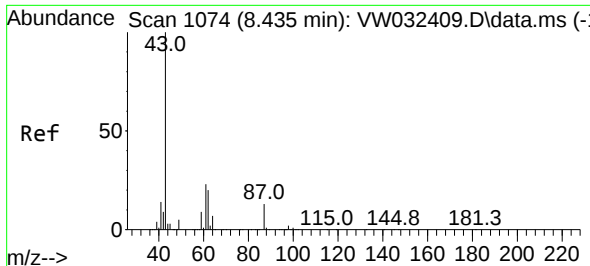


#42
1,2-Dichloroethane
Concen: 146.870 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 62 Resp: 977444

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

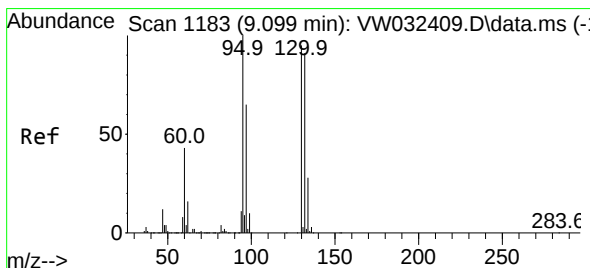
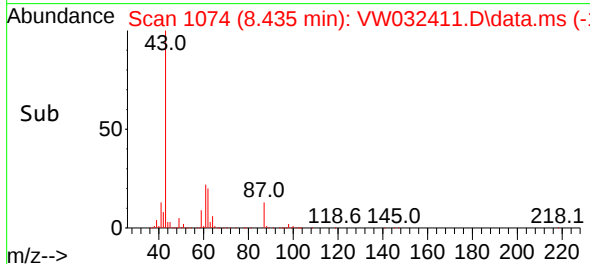
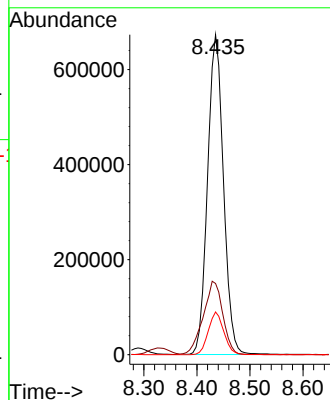
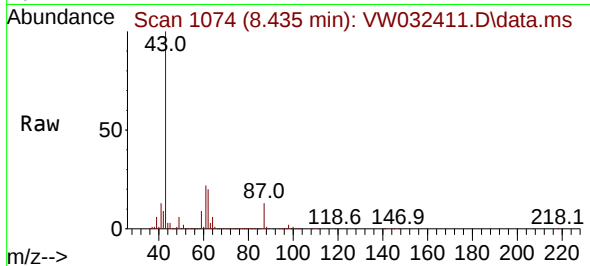




#43
Isopropyl Acetate
Concen: 151.278 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

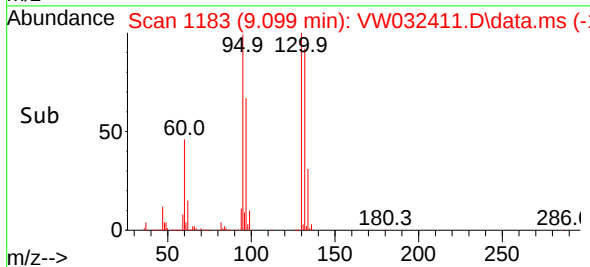
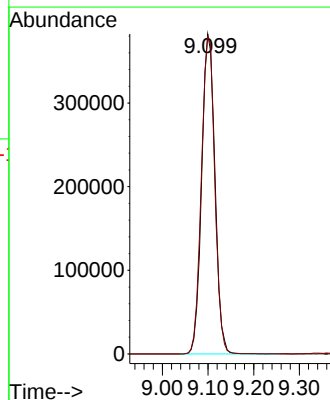
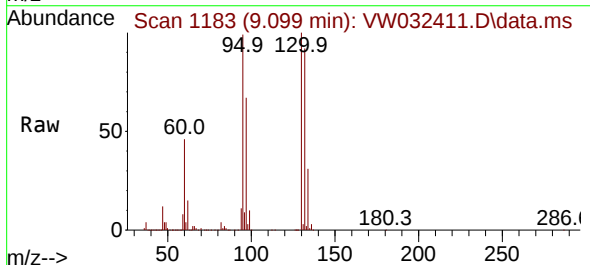
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

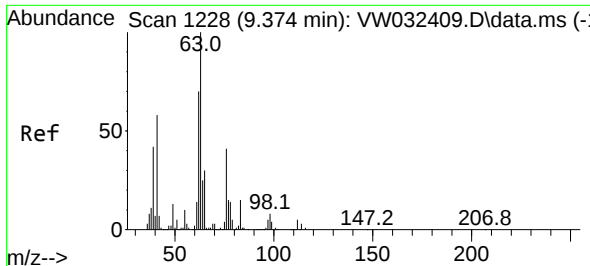
Tgt Ion: 43 Resp: 1401399
Ion Ratio Lower Upper
43 100
61 28.3 22.6 33.8
87 13.1 10.6 15.8



#44
Trichloroethene
Concen: 146.409 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:130 Resp: 771901
Ion Ratio Lower Upper
130 100
95 99.3 0.0 209.6

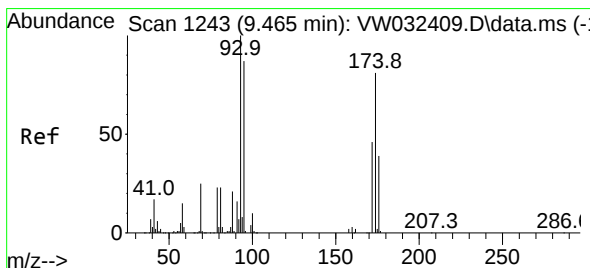
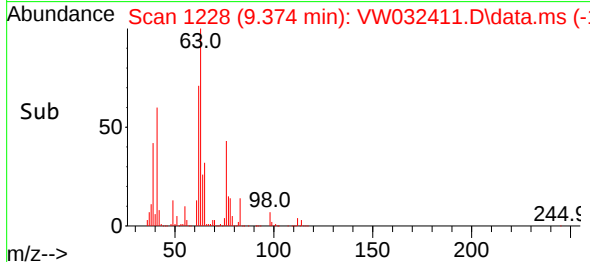
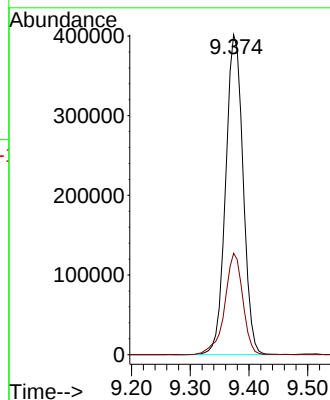
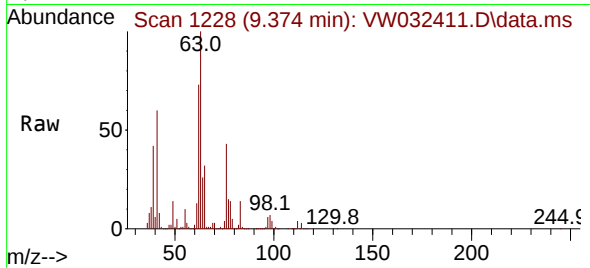




#45
1,2-Dichloropropane
Concen: 146.870 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

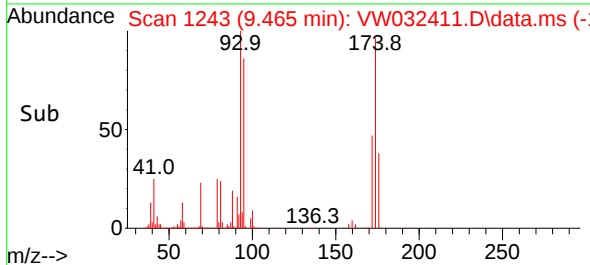
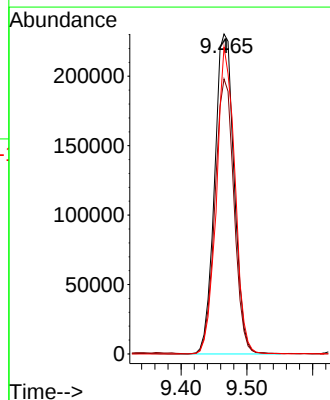
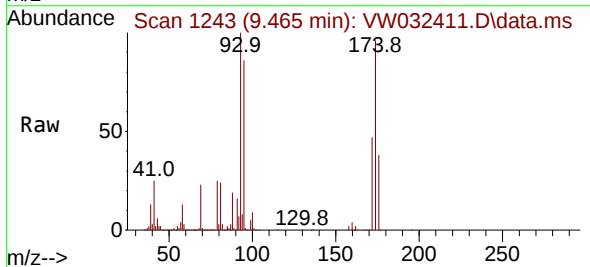
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

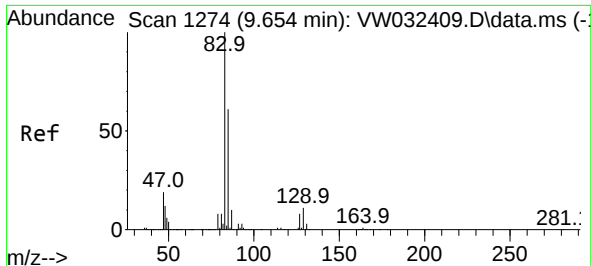
Tgt Ion: 63 Resp: 828599
Ion Ratio Lower Upper
63 100
65 31.7 24.4 36.6



#46
Dibromomethane
Concen: 144.830 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 93 Resp: 477479
Ion Ratio Lower Upper
93 100
95 83.7 67.1 100.7
174 90.3 68.2 102.4

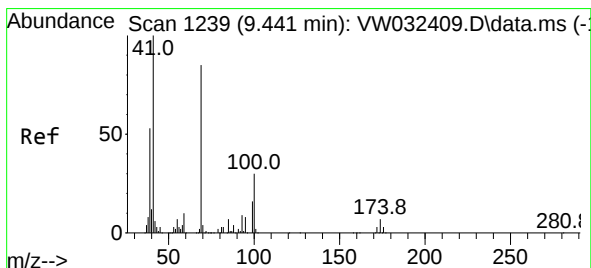
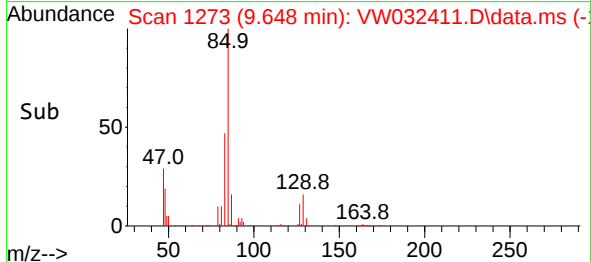
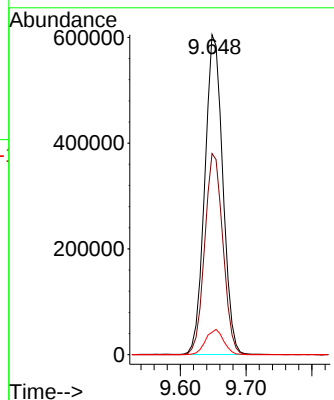
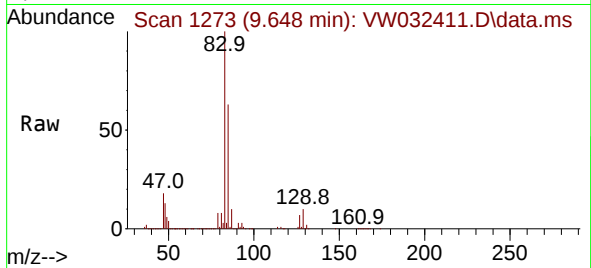




#47
Bromodichloromethane
Concen: 153.199 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

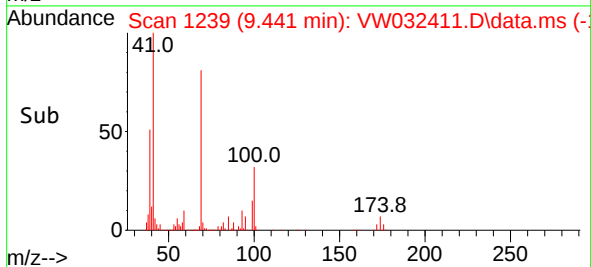
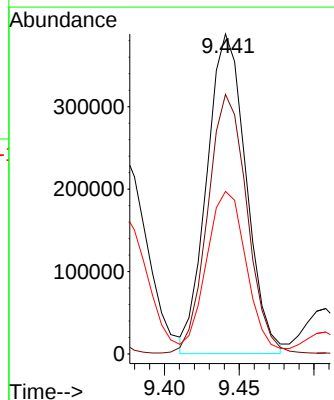
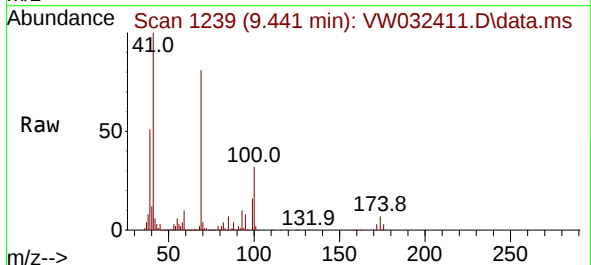
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

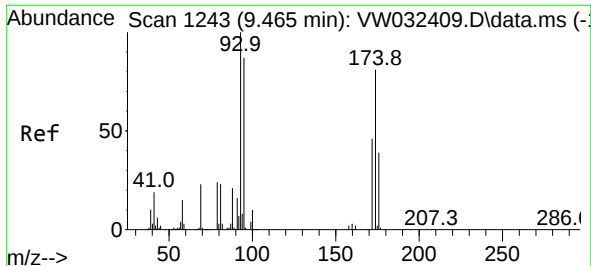
Tgt Ion: 83 Resp: 1152120
Ion Ratio Lower Upper
83 100
85 62.9 48.7 73.1
127 7.0 6.3 9.5



#48
Methyl methacrylate
Concen: 160.532 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 41 Resp: 706671
Ion Ratio Lower Upper
41 100
69 81.8 65.8 98.6
39 48.1 38.6 57.8

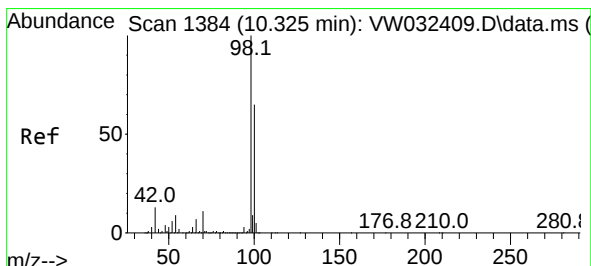
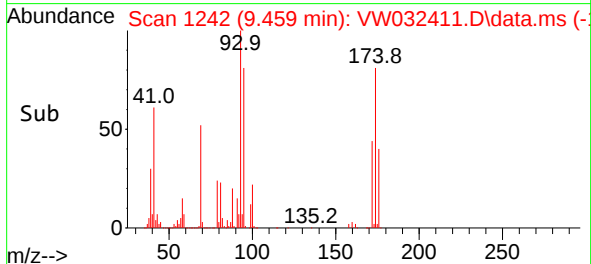
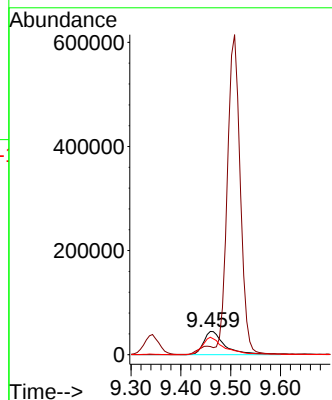
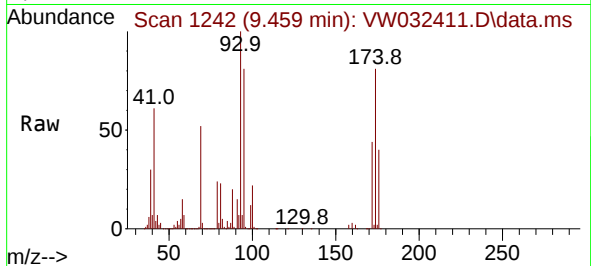




#49
1,4-Dioxane
Concen: 2864.004 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

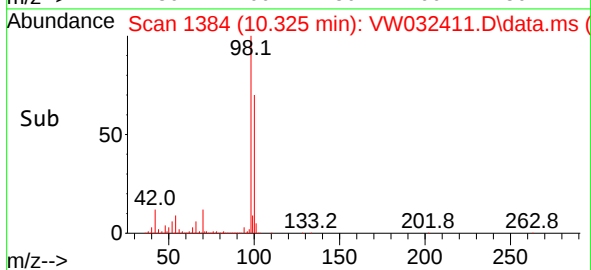
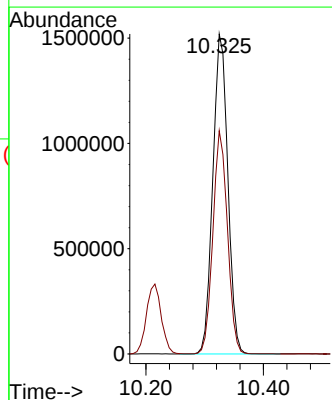
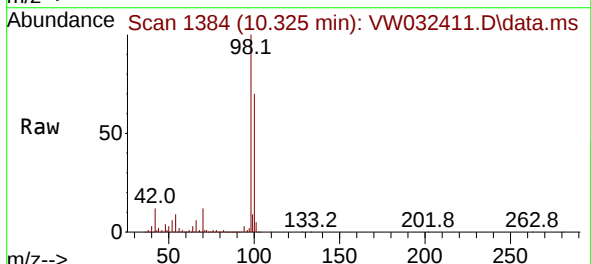
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

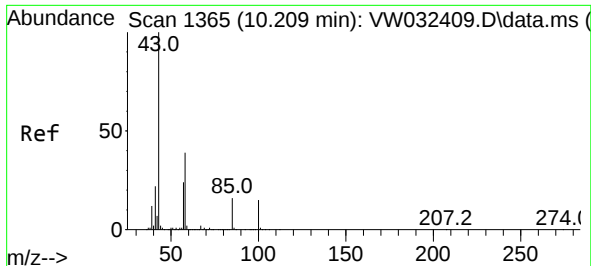
Tgt Ion: 88 Resp: 132273
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.3 63.0 94.4



#50
Toluene-d8
Concen: 146.940 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 98 Resp: 2691800
Ion Ratio Lower Upper
98 100
100 67.8 53.3 79.9

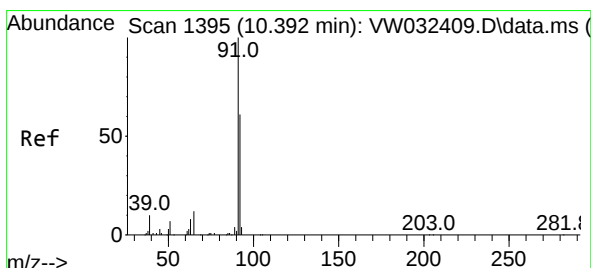
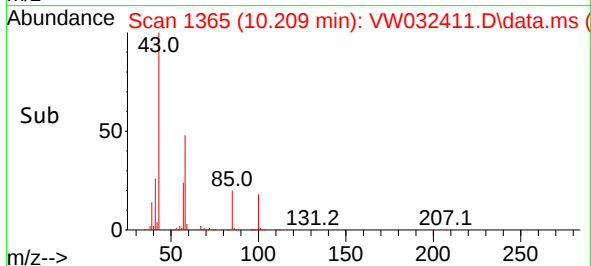
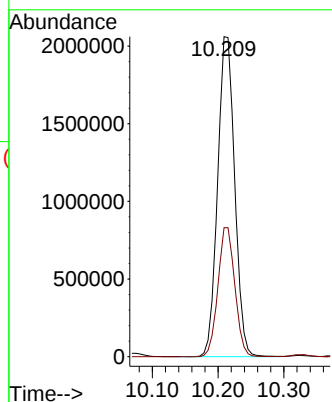
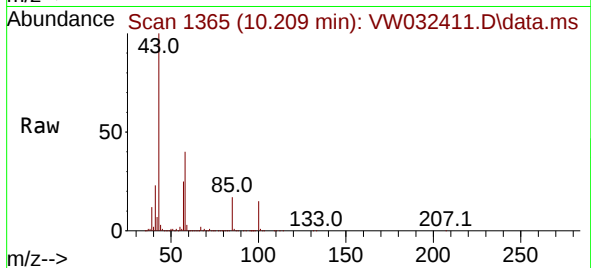




#51
4-Methyl-2-Pentanone
Concen: 726.470 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

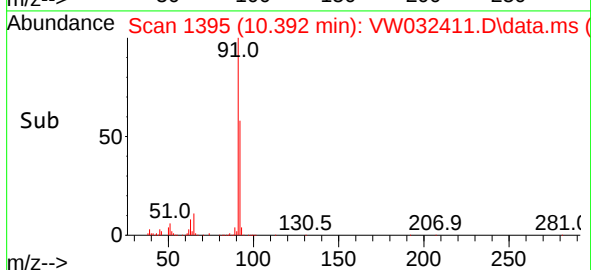
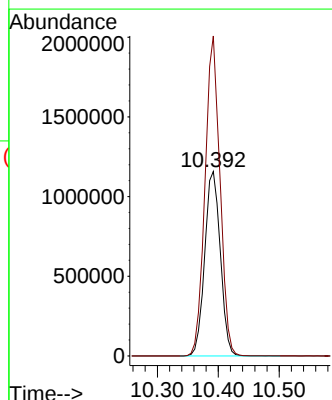
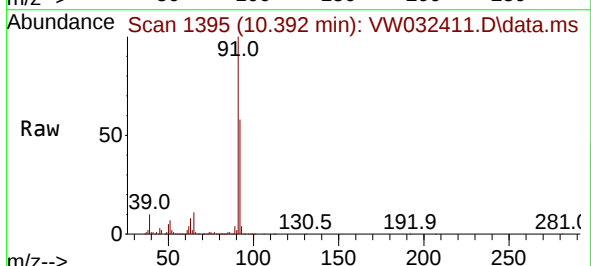
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

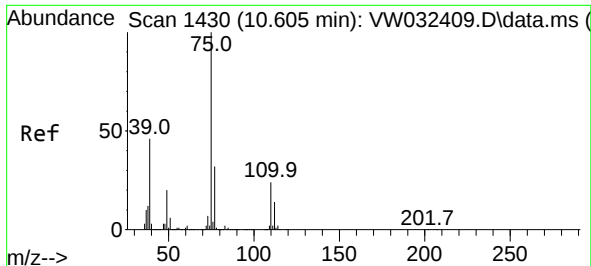
Tgt Ion: 43 Resp: 3720409
Ion Ratio Lower Upper
43 100
58 40.0 31.4 47.2



#52
Toluene
Concen: 146.788 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 92 Resp: 2054324
Ion Ratio Lower Upper
92 100
91 166.7 136.6 205.0

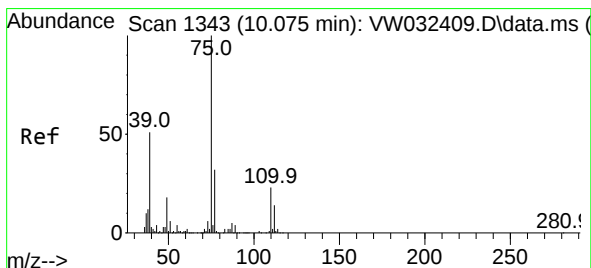
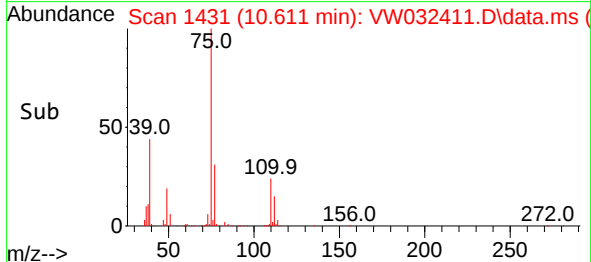
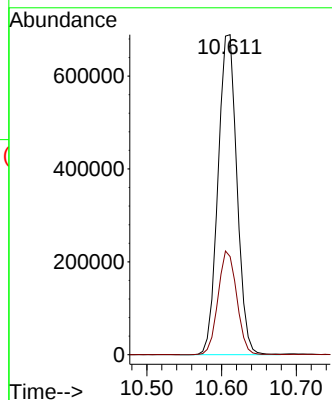
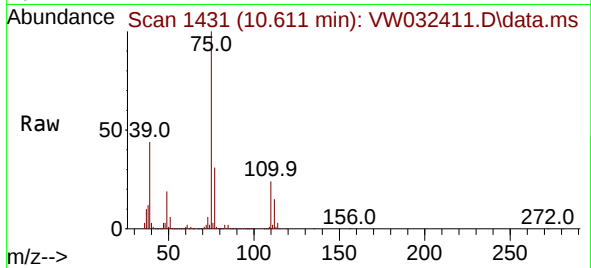




#53
t-1,3-Dichloropropene
Concen: 156.547 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

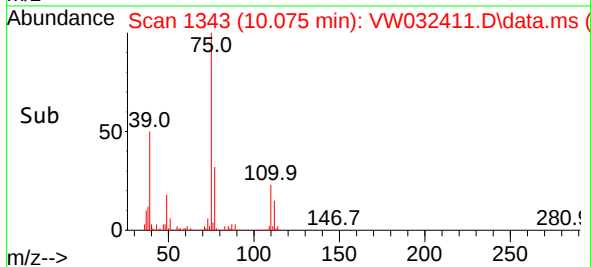
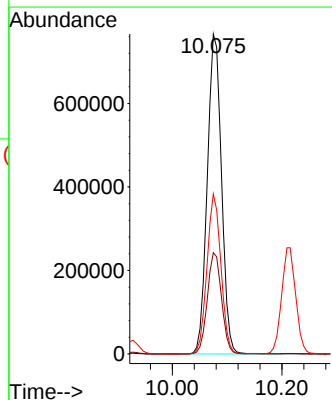
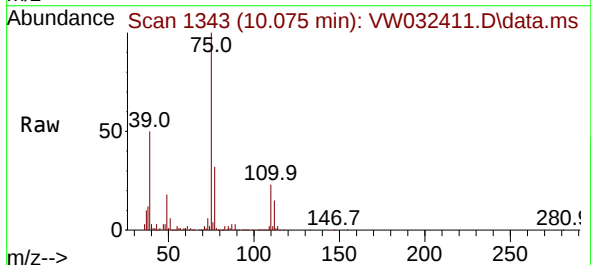
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

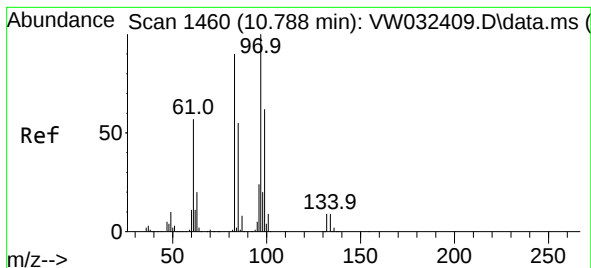
Tgt Ion: 75 Resp: 1212474
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 153.398 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 75 Resp: 1373940
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 50.0 40.7 61.1



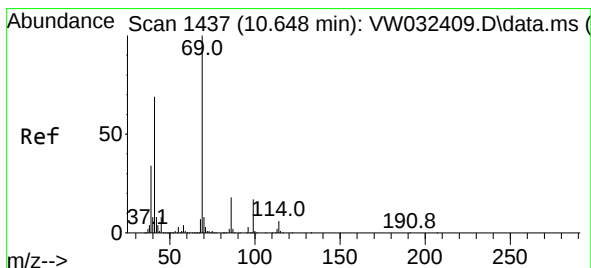
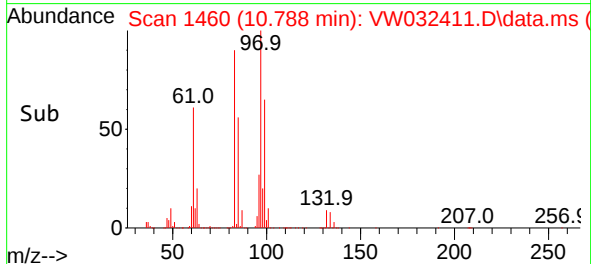
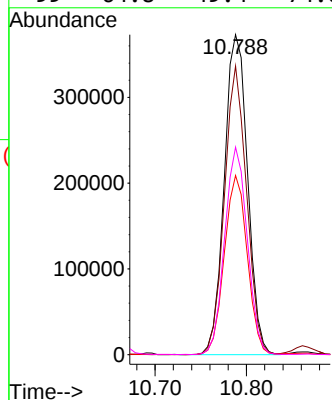
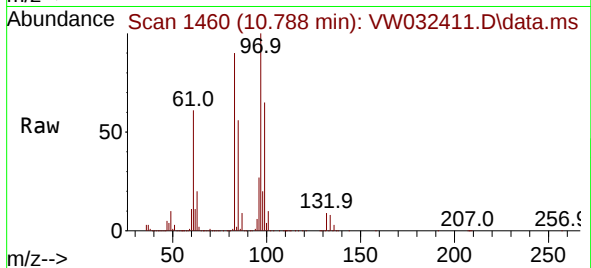


#55
1,1,2-Trichloroethane
Concen: 146.312 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 661729

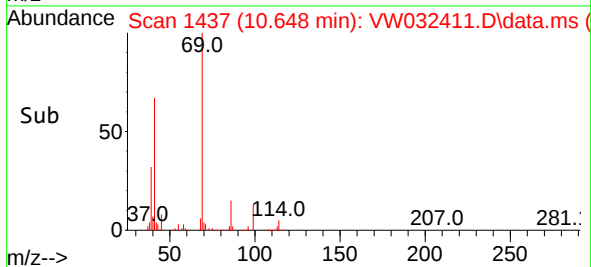
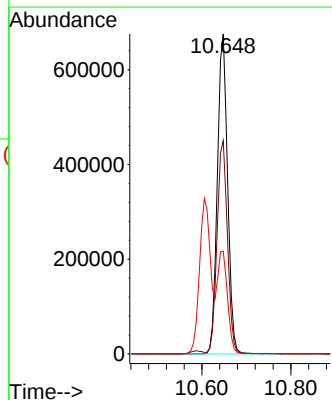
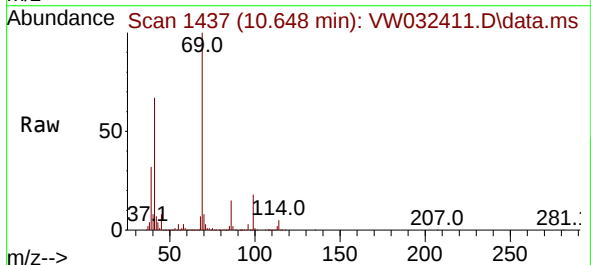
Ion	Ratio	Lower	Upper
97	100		
83	90.2	72.2	108.4
85	56.0	43.8	65.8
99	64.8	49.4	74.0



#56
Ethyl methacrylate
Concen: 155.202 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 69 Resp: 1077015

Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.4	81.6
39	30.6	25.4	38.0

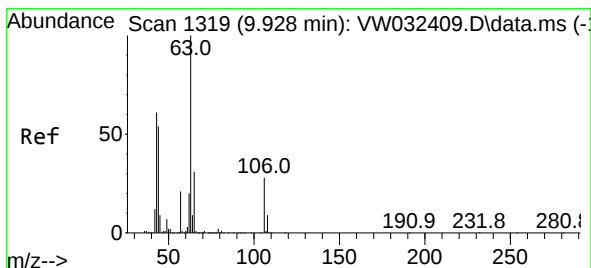
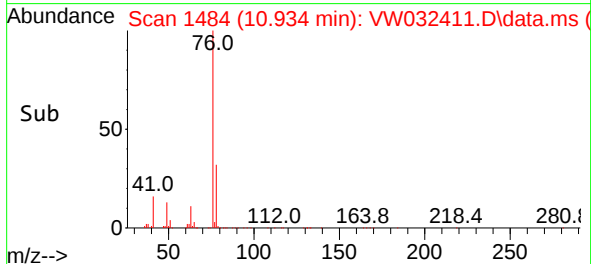
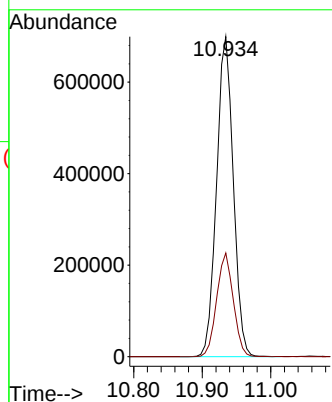
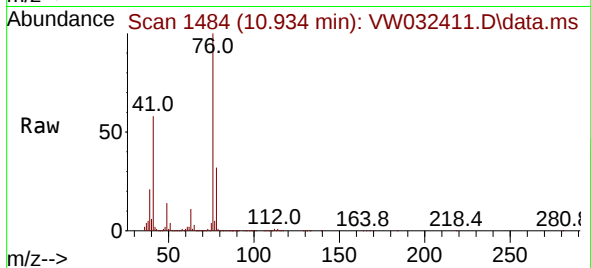




#57
1,3-Dichloropropane
Concen: 146.644 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

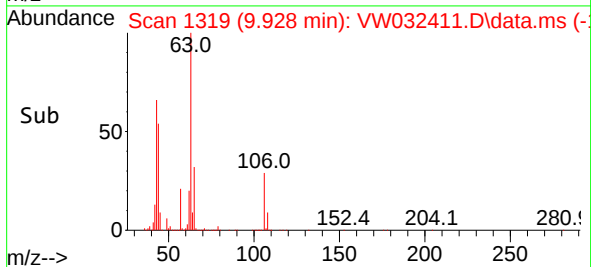
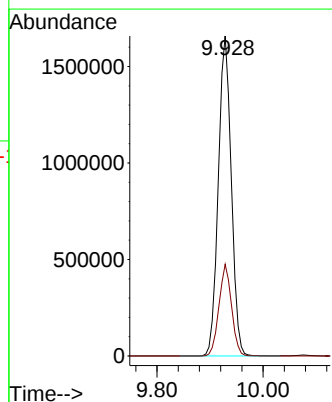
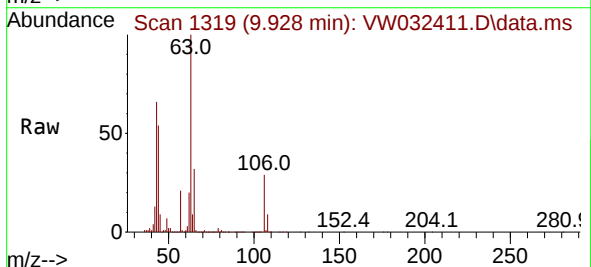
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

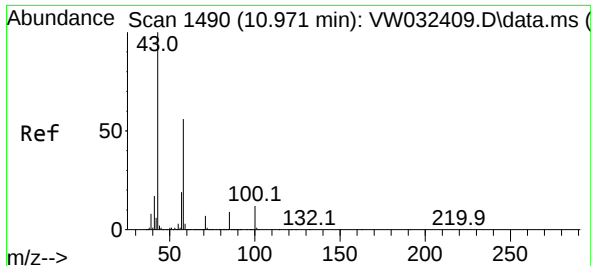
Tgt Ion: 76 Resp: 1184554
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 761.770 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 63 Resp: 2815169
Ion Ratio Lower Upper
63 100
106 27.7 22.0 33.0

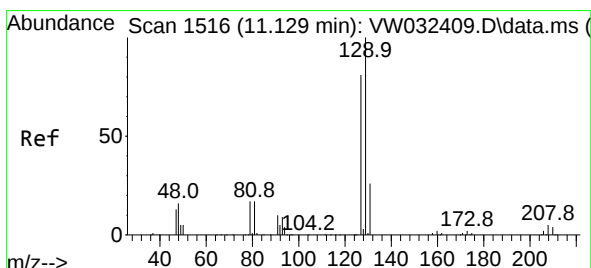
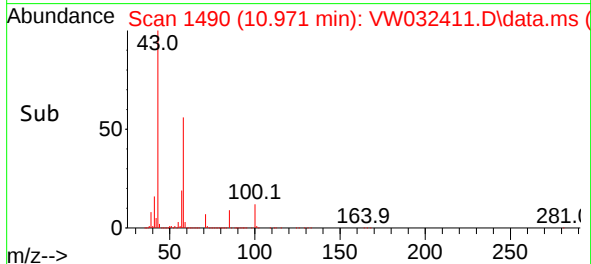
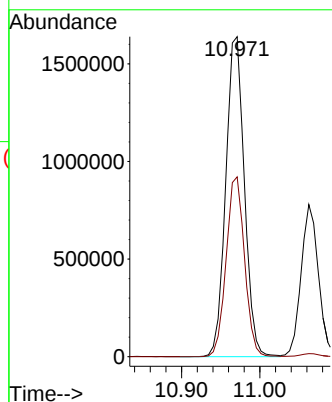
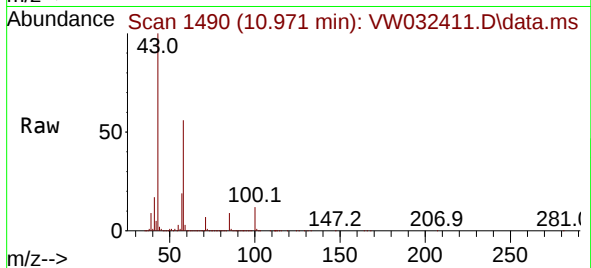




#59
2-Hexanone
Concen: 722.649 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

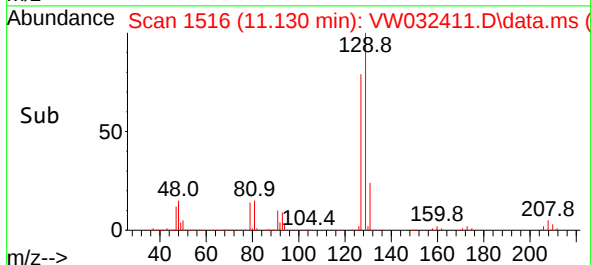
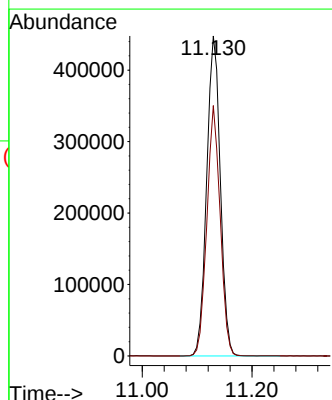
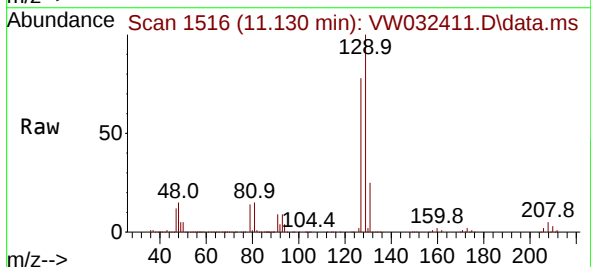
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

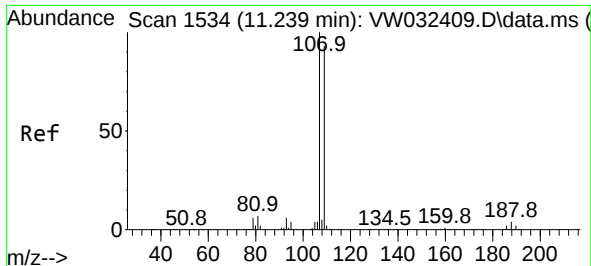
Tgt Ion: 43 Resp: 2707666
Ion Ratio Lower Upper
43 100
58 55.6 27.4 82.2



#60
Dibromochloromethane
Concen: 152.685 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:129 Resp: 771162
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6

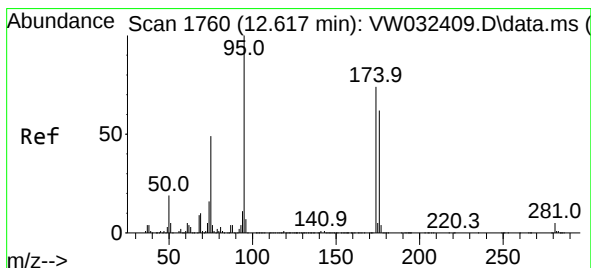
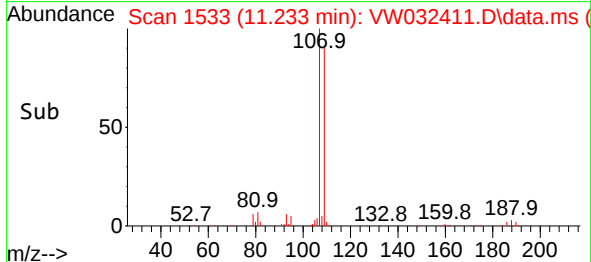
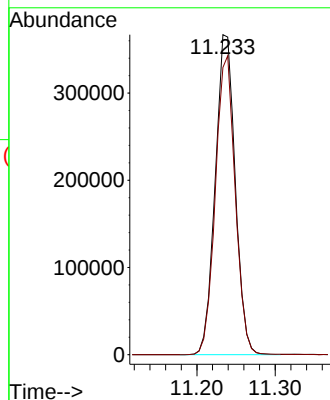
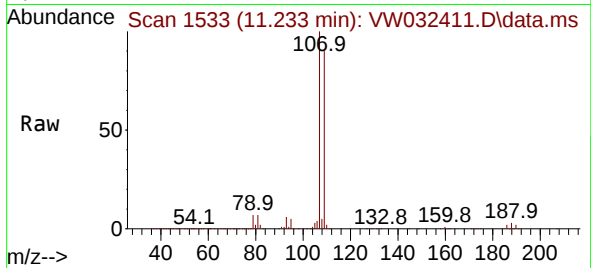




#61
1,2-Dibromoethane
Concen: 147.713 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

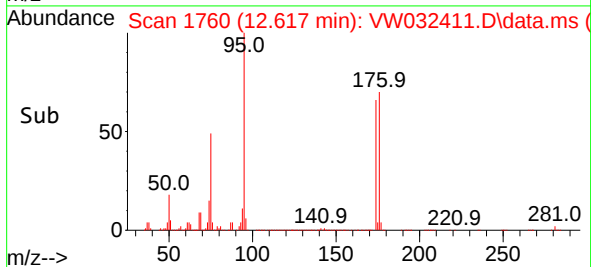
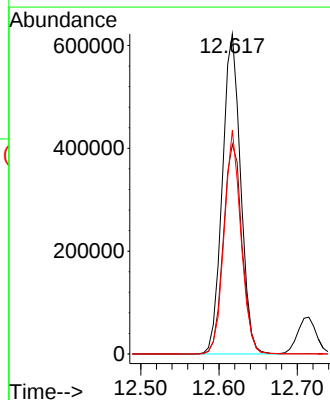
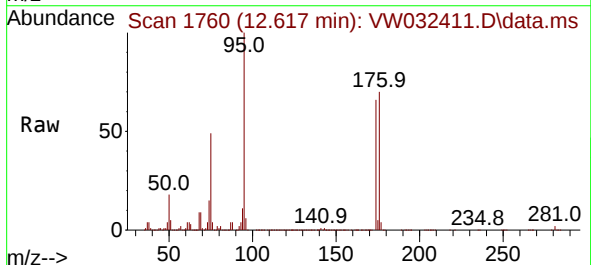
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

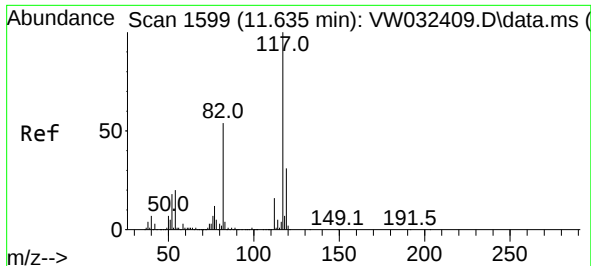
Tgt Ion:107 Resp: 650672
Ion Ratio Lower Upper
107 100
109 92.9 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 145.569 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 95 Resp: 1007366
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.4
176 64.7 0.0 131.8

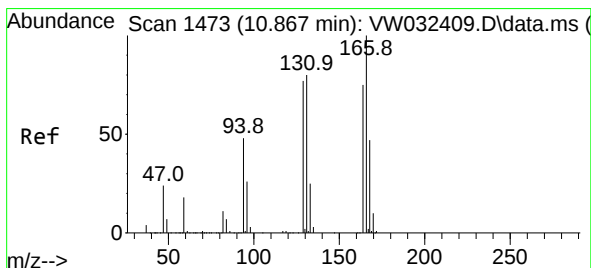
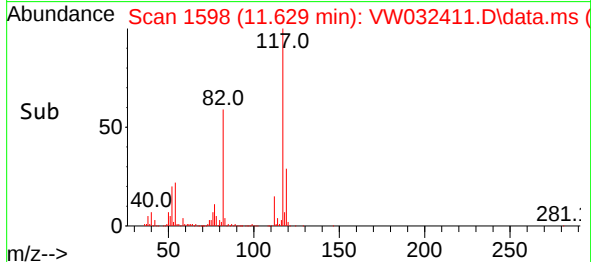
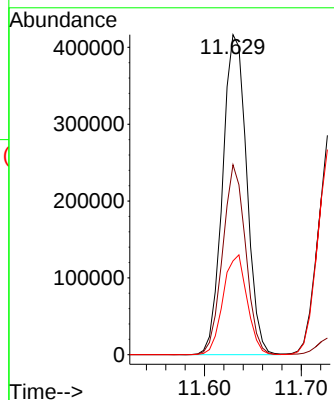
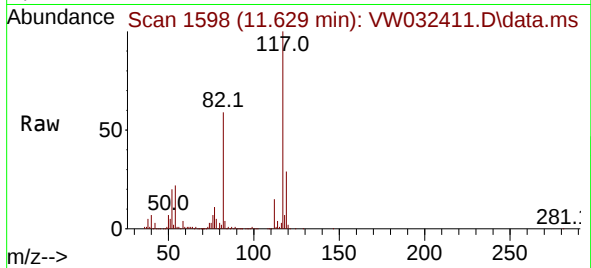




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

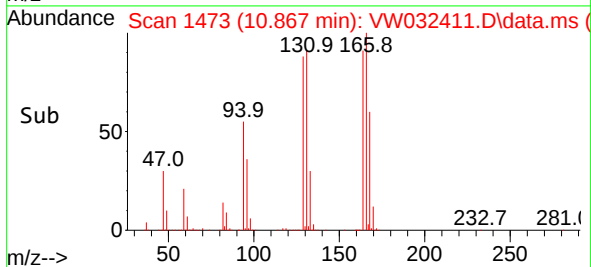
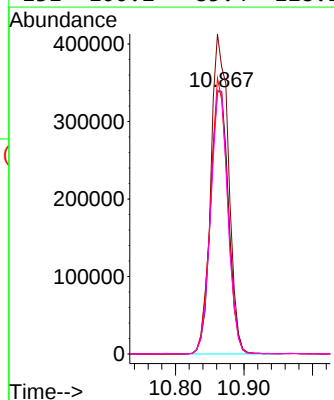
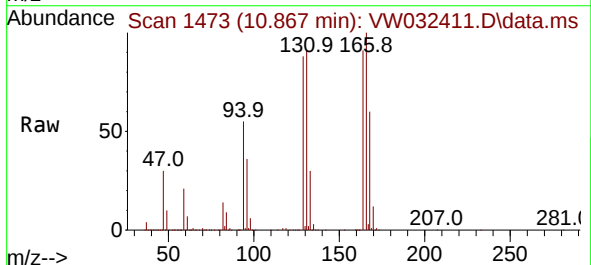
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

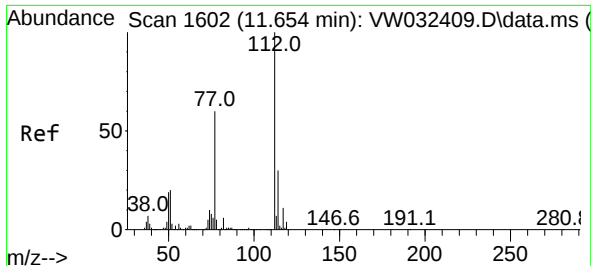
Tgt Ion:117 Resp: 719357
Ion Ratio Lower Upper
117 100
82 59.3 43.0 64.4
119 29.3 25.0 37.6



#64
Tetrachloroethene
Concen: 145.230 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:164 Resp: 618662
Ion Ratio Lower Upper
164 100
166 109.5 107.0 160.4
129 96.8 82.9 124.3
131 100.2 85.4 128.2

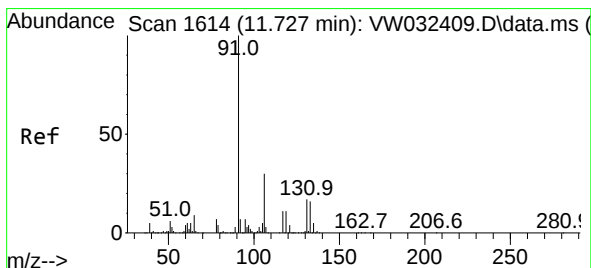
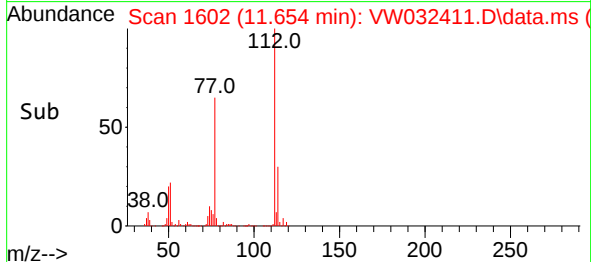
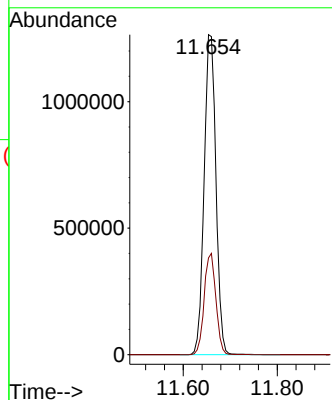
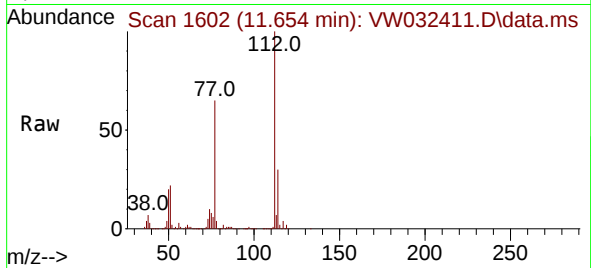




#65
Chlorobenzene
Concen: 142.361 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

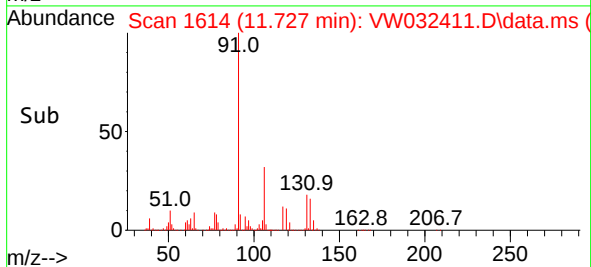
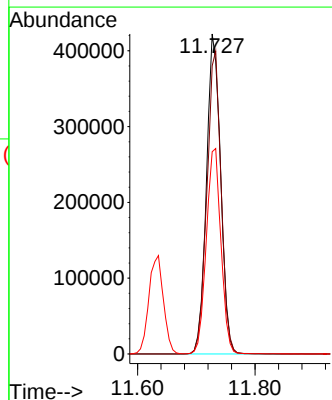
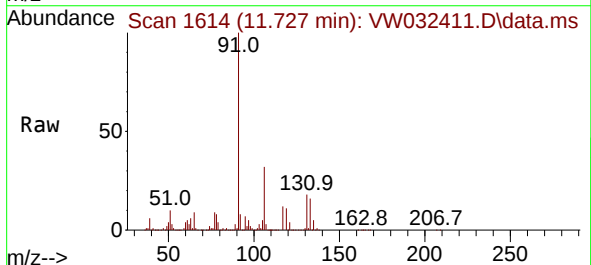
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

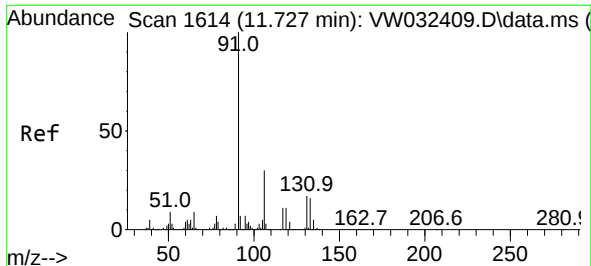
Tgt Ion:112 Resp: 2207255
Ion Ratio Lower Upper
112 100
114 30.3 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 147.164 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:131 Resp: 706156
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.6
119 66.4 33.4 100.2





#67

Ethyl Benzene

Concen: 143.114 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

MSVOA_W

ClientSampleId :

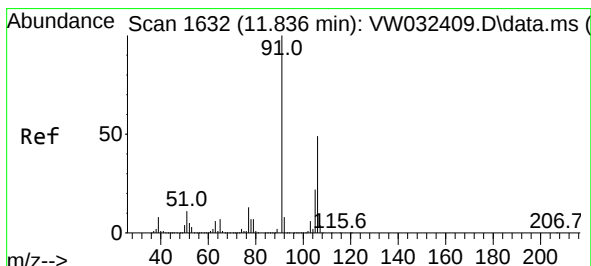
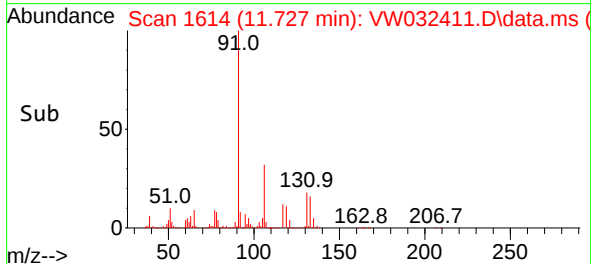
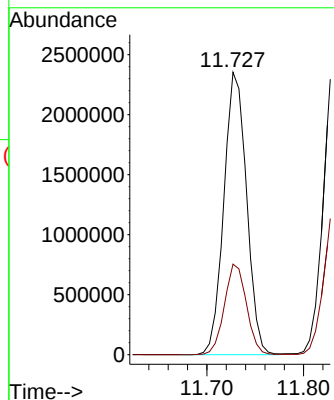
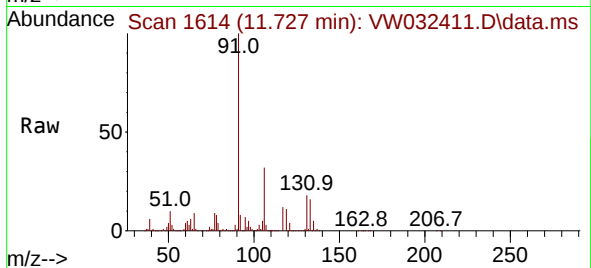
VSTDIC150

Tgt Ion: 91 Resp: 3839407

Ion Ratio Lower Upper

91 100

106 32.1 24.2 36.2



#68

m/p-Xylenes

Concen: 290.261 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032411.D

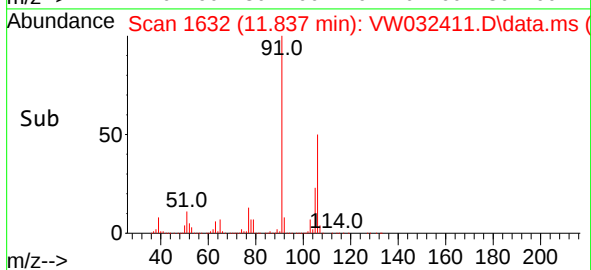
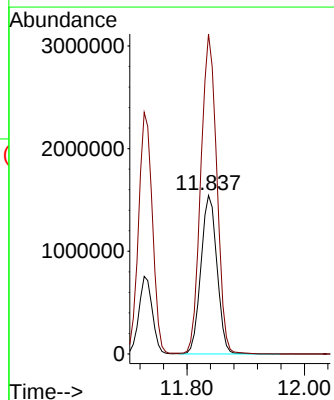
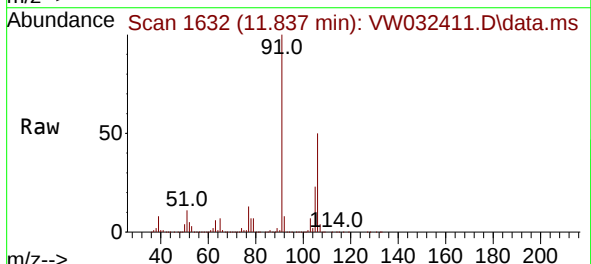
Acq: 10 Nov 2025 17:00

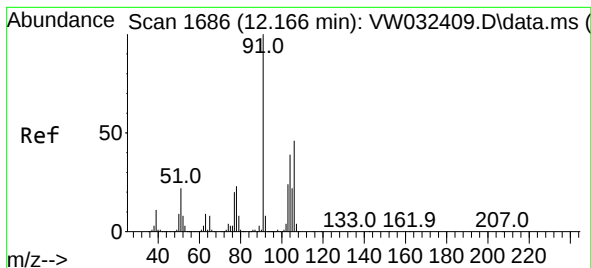
Tgt Ion:106 Resp: 2923713

Ion Ratio Lower Upper

106 100

91 201.0 165.5 248.3

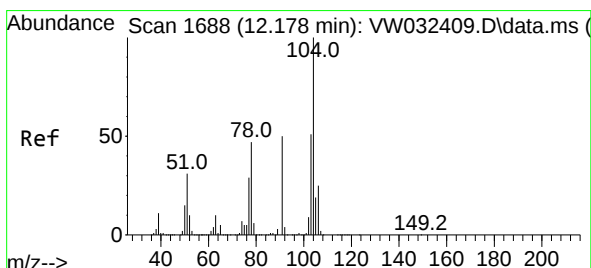
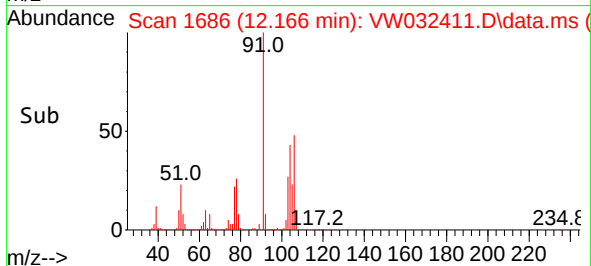
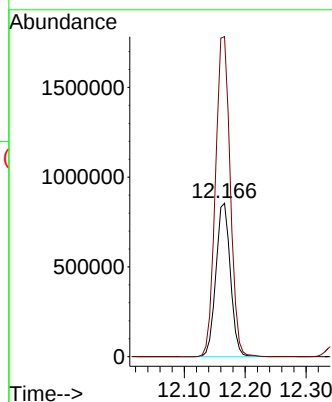
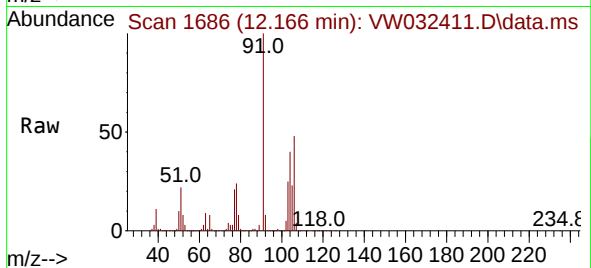




#69
o-Xylene
Concen: 146.124 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

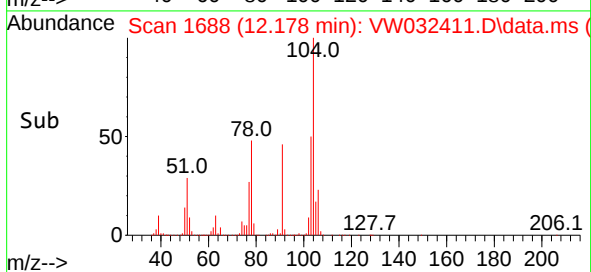
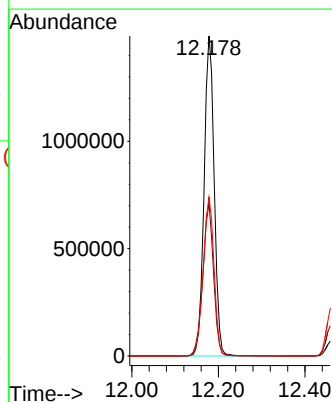
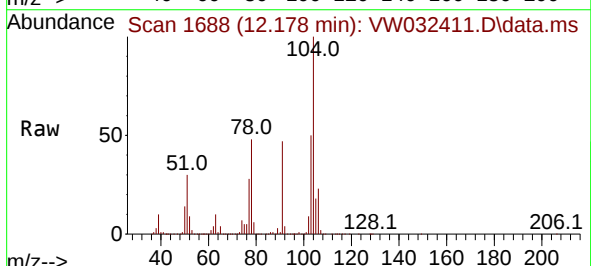
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

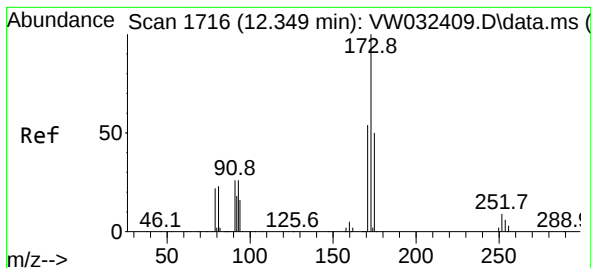
Tgt Ion:106 Resp: 1409302
Ion Ratio Lower Upper
106 100
91 213.8 109.3 327.8



#70
Styrene
Concen: 145.364 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:104 Resp: 2411726
Ion Ratio Lower Upper
104 100
78 50.4 40.7 61.1
103 53.9 43.9 65.9





#71

Bromoform

Concen: 148.835 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

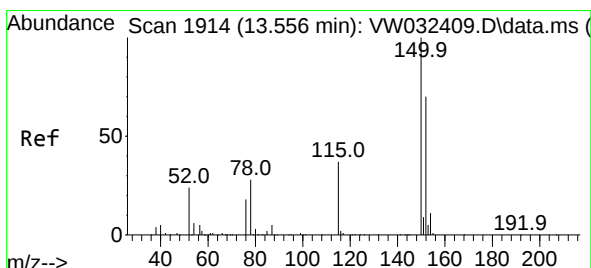
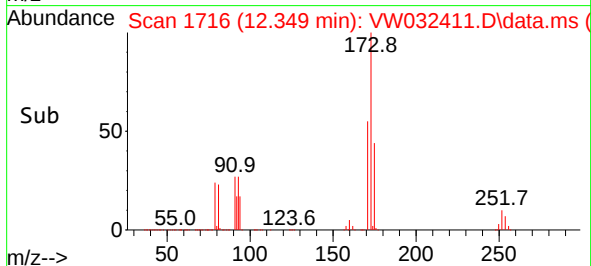
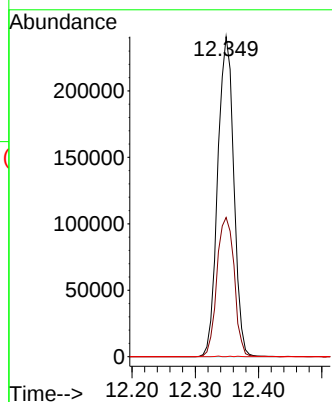
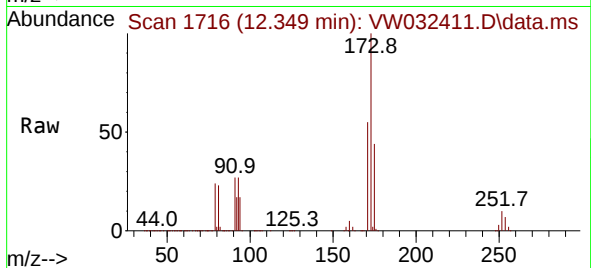
Tgt Ion:173 Resp: 423010

Ion Ratio Lower Upper

173 100

175 46.9 25.1 75.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

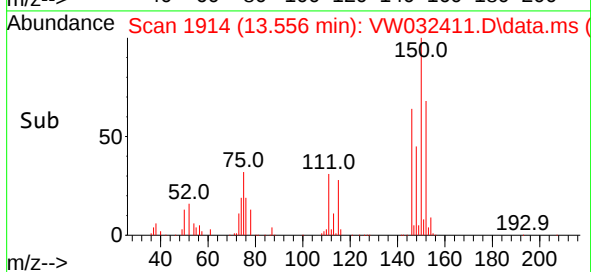
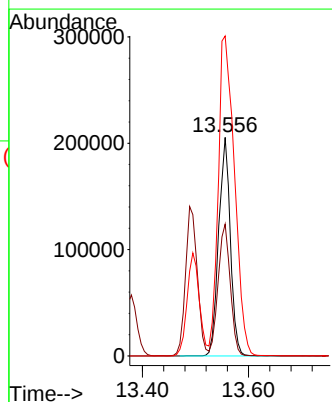
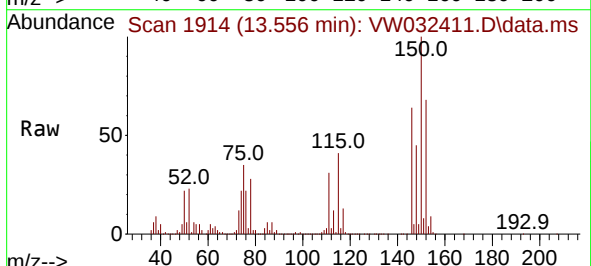
Tgt Ion:152 Resp: 315359

Ion Ratio Lower Upper

152 100

115 62.3 32.8 98.3

150 202.6 0.0 356.6





#73

Isopropylbenzene

Concen: 150.679 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

MSVOA_W

ClientSampleId :

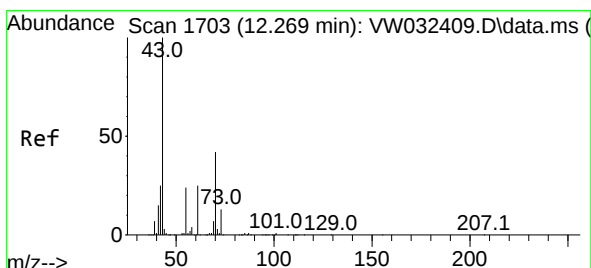
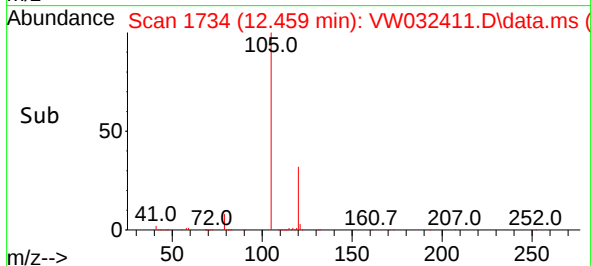
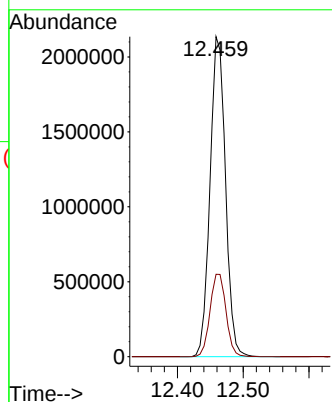
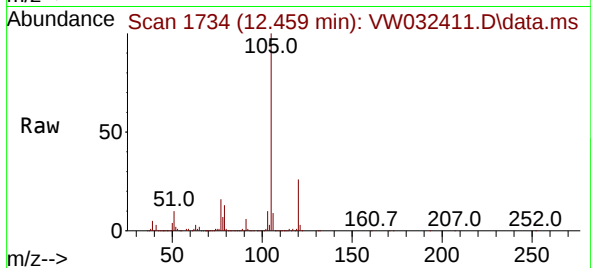
VSTDIC150

Tgt Ion:105 Resp: 3489900

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 152.560 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Tgt Ion: 43 Resp: 1227847

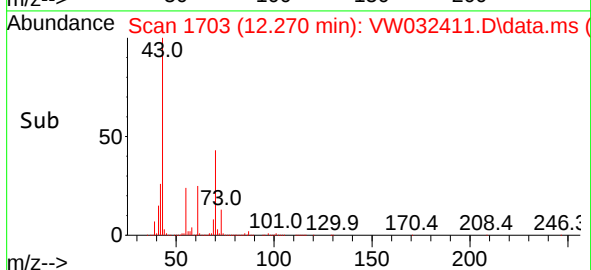
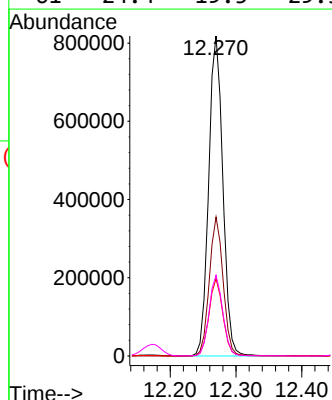
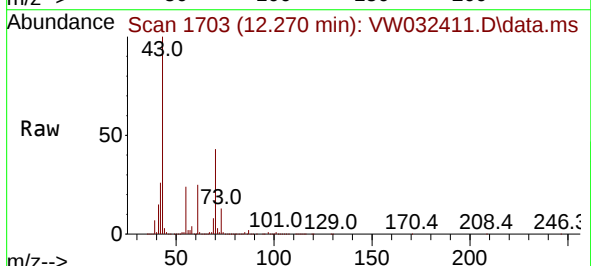
Ion Ratio Lower Upper

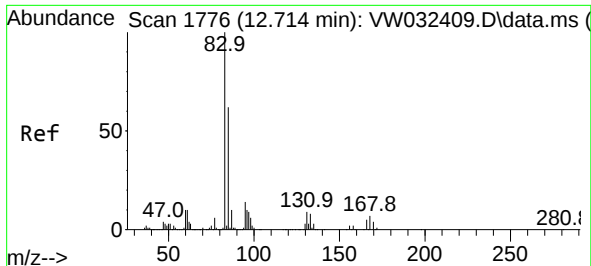
43 100

70 42.3 33.5 50.3

55 23.6 19.3 28.9

61 24.4 19.5 29.3

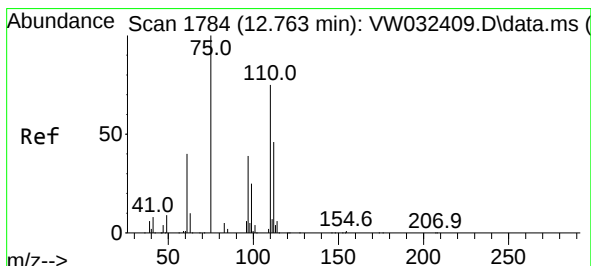
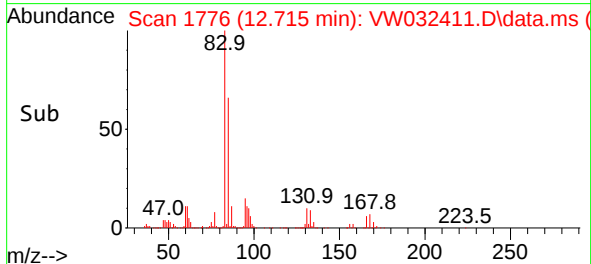
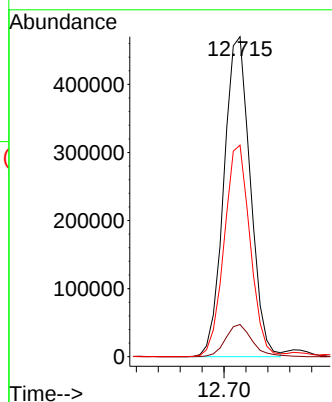
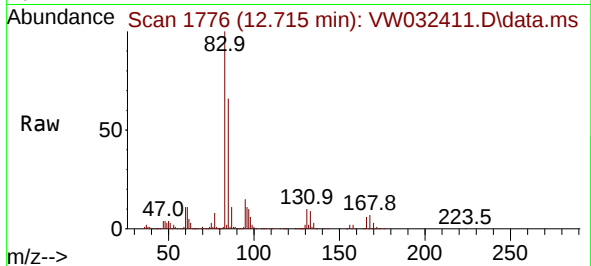




#75
 1,1,2,2-Tetrachloroethane
 Concen: 143.021 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

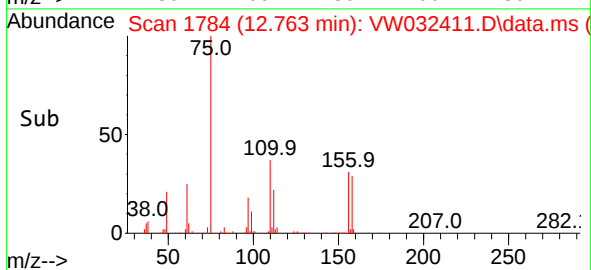
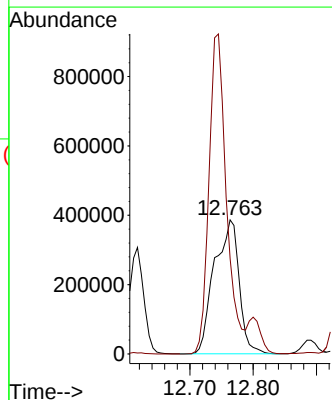
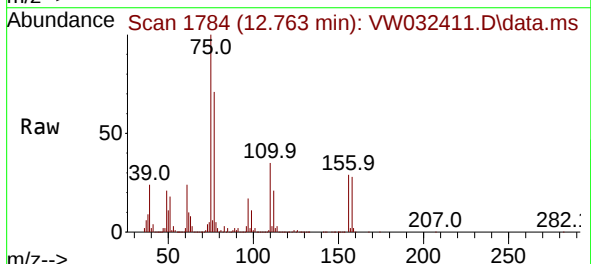
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

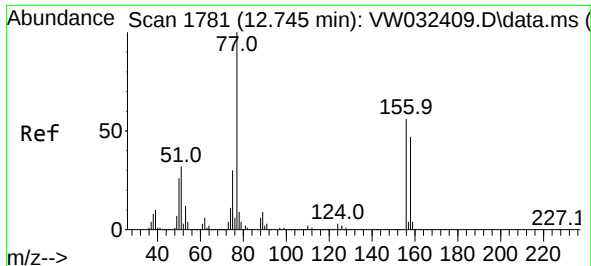
Tgt Ion: 83 Resp: 786139
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 14.9
 85 65.1 31.6 94.8



#76
 1,2,3-Trichloropropane
 Concen: 242.955 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

Tgt Ion: 75 Resp: 1050705
 Ion Ratio Lower Upper
 75 100
 77 169.4 151.6 454.8

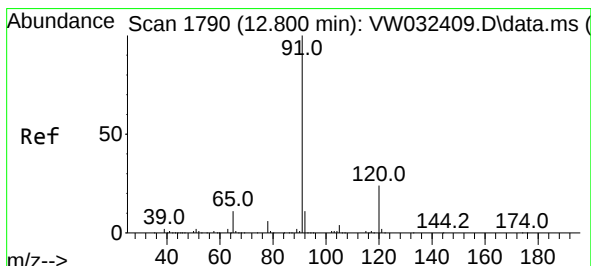
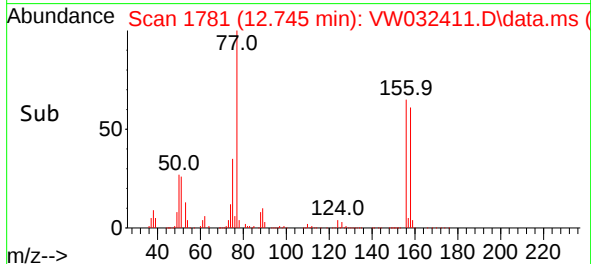
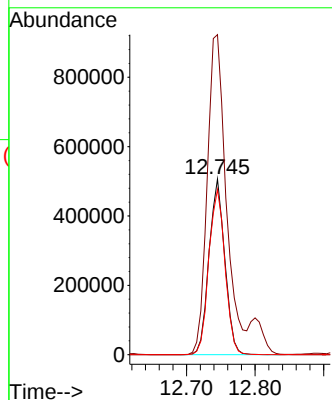
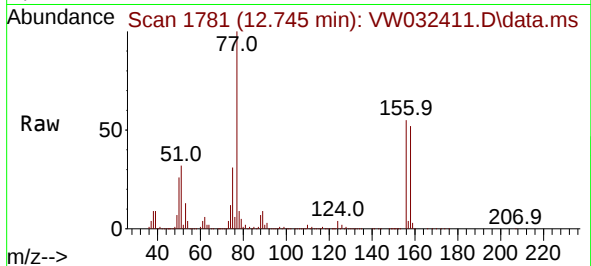




#77
Bromobenzene
Concen: 148.374 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

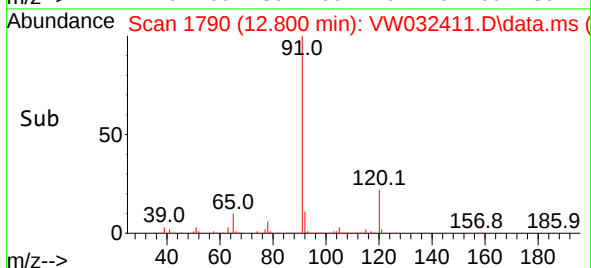
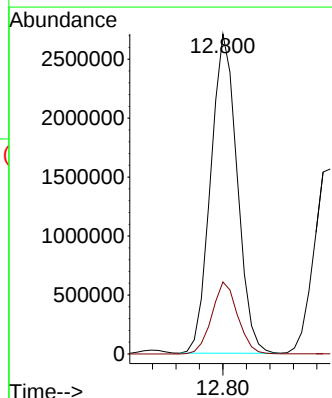
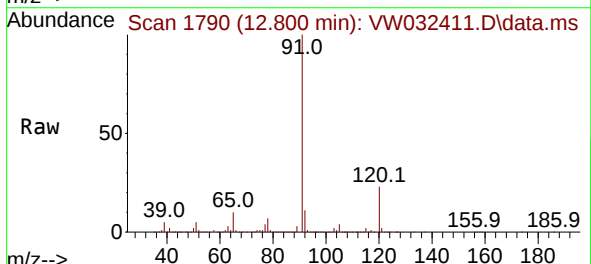
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

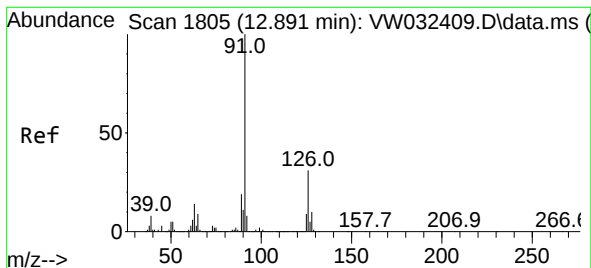
Tgt Ion:156 Resp: 813648
Ion Ratio Lower Upper
156 100
77 218.7 108.0 324.0
158 96.2 45.1 135.5



#78
n-propylbenzene
Concen: 150.540 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 91 Resp: 4246088
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9

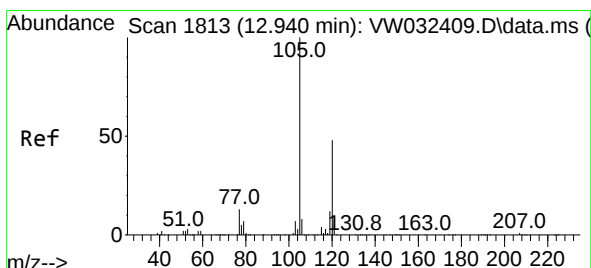
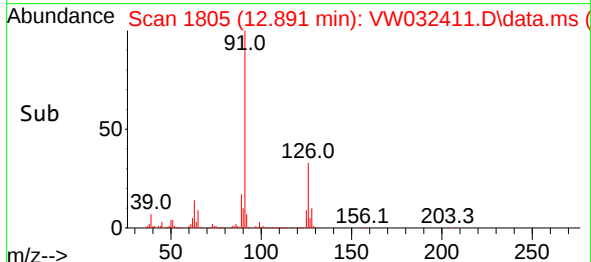
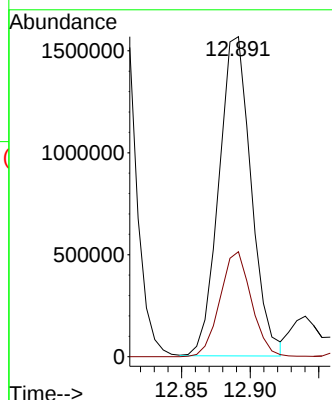
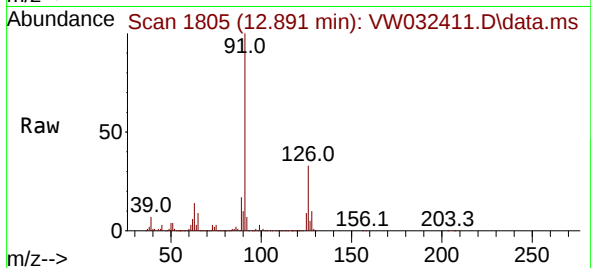




#79
2-Chlorotoluene
Concen: 149.381 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

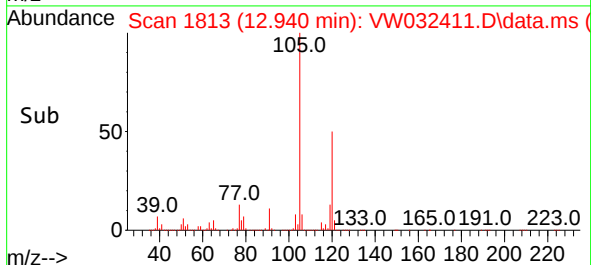
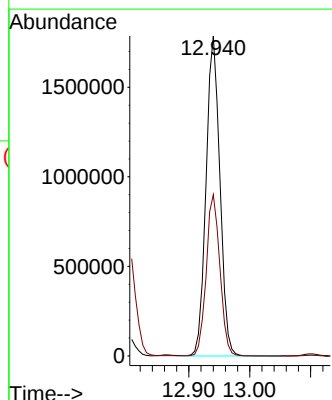
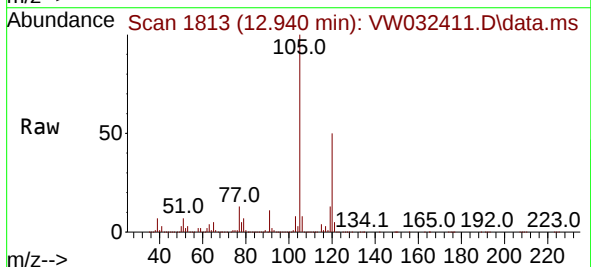
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

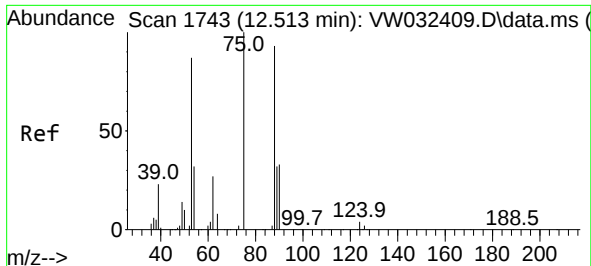
Tgt Ion: 91 Resp: 2572090
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 147.463 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:105 Resp: 2817712
Ion Ratio Lower Upper
105 100
120 49.7 24.2 72.6

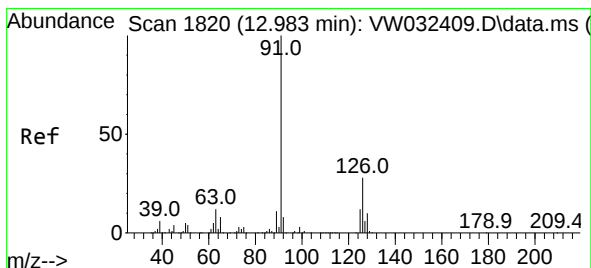
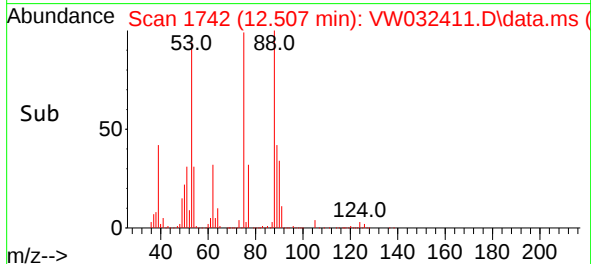
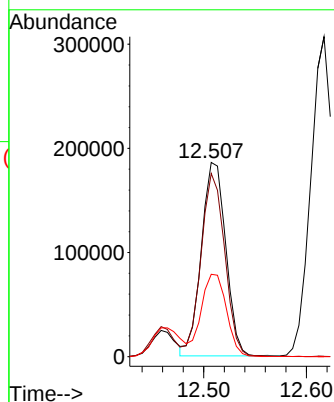
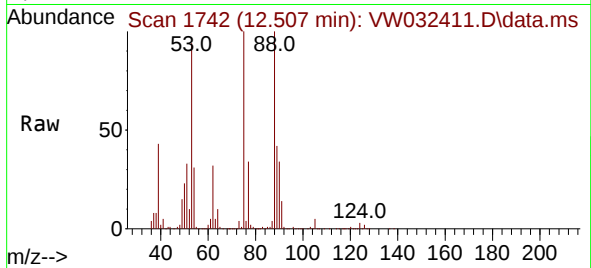




#81
trans-1,4-Dichloro-2-butene
Concen: 162.783 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

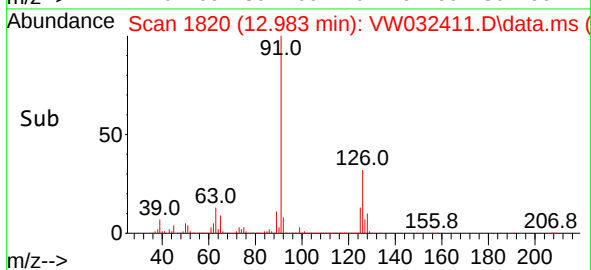
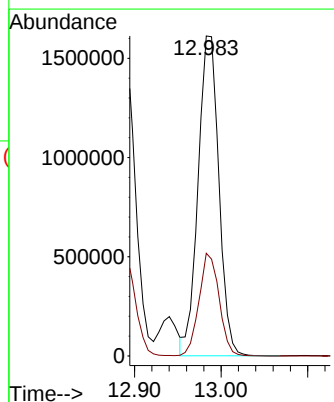
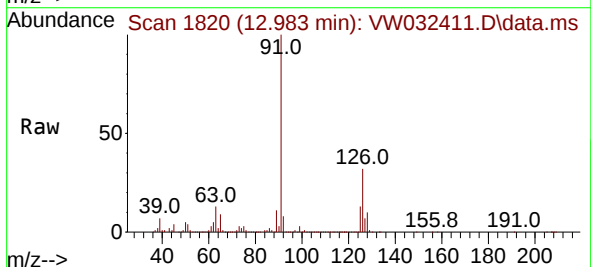
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

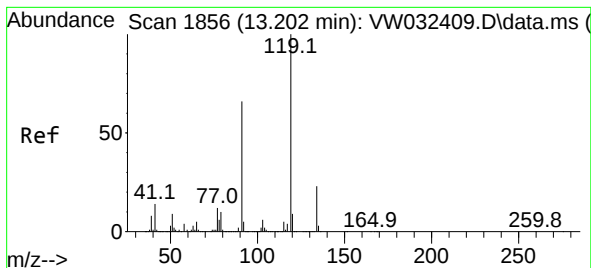
Tgt Ion: 75 Resp: 307315
Ion Ratio Lower Upper
75 100
53 92.5 77.8 116.8
89 44.0 35.6 53.4



#82
4-Chlorotoluene
Concen: 149.879 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion: 91 Resp: 2684128
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5

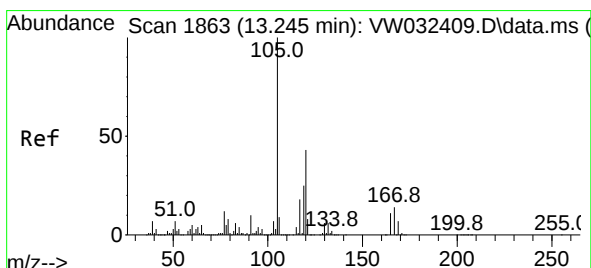
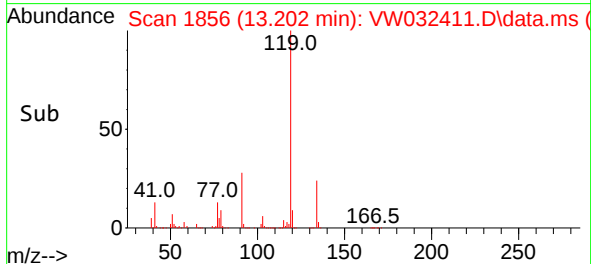
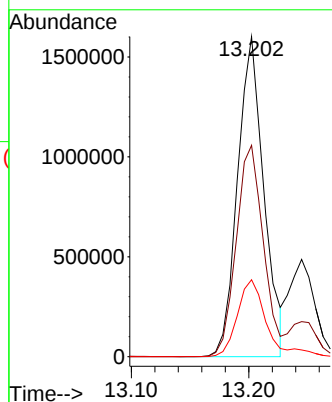
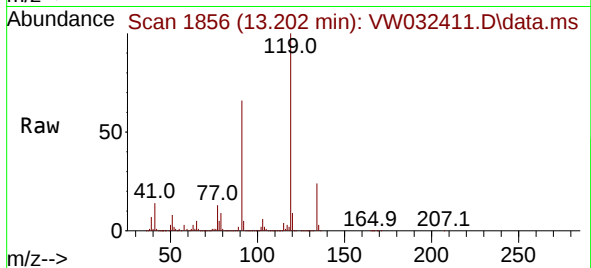




#83
tert-Butylbenzene
Concen: 149.829 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

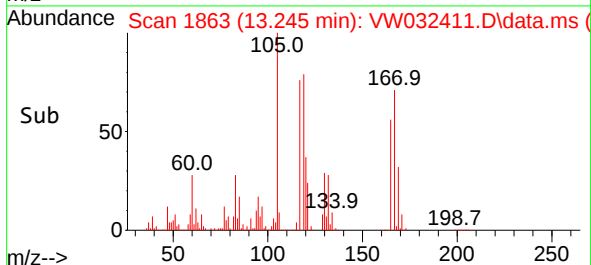
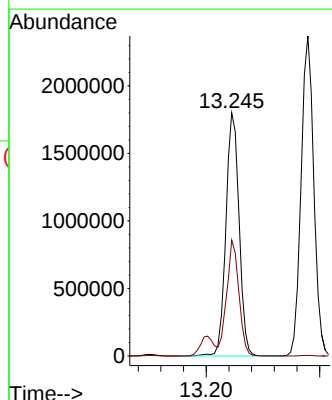
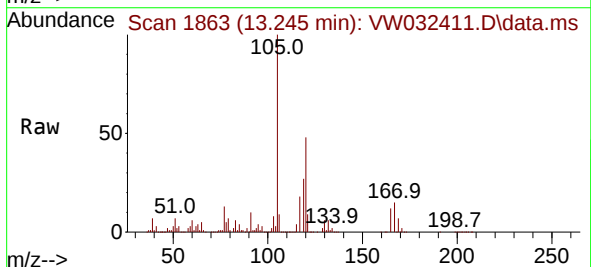
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

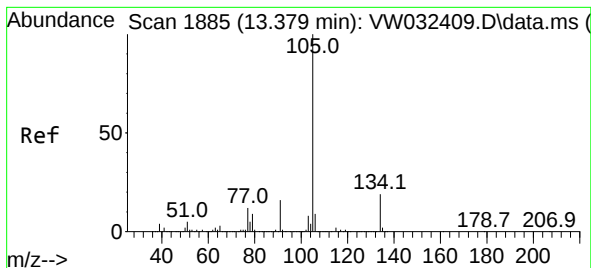
Tgt Ion:119 Resp: 2490454
Ion Ratio Lower Upper
119 100
91 69.7 33.3 99.9
134 26.7 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 149.302 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:105 Resp: 2901660
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 148.386 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

MSVOA_W

ClientSampleId :

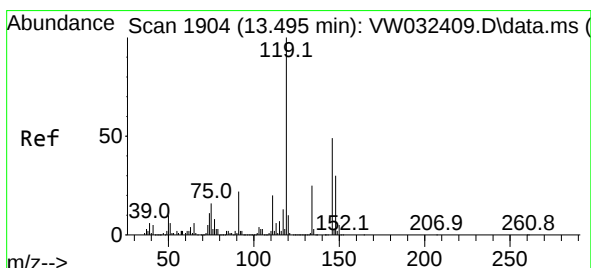
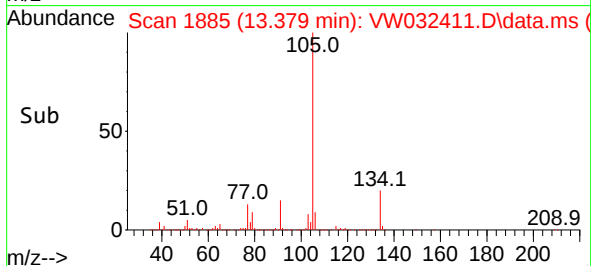
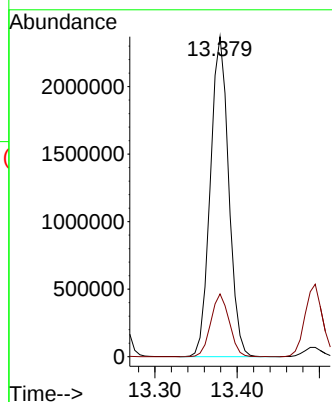
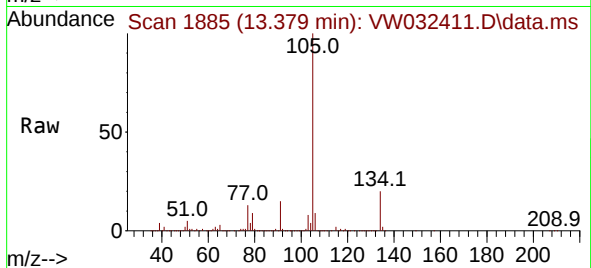
VSTDIC150

Tgt Ion:105 Resp: 3673311

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 150.385 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

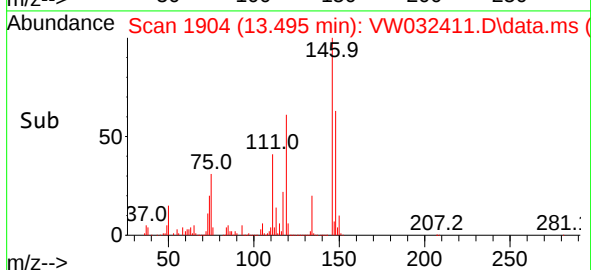
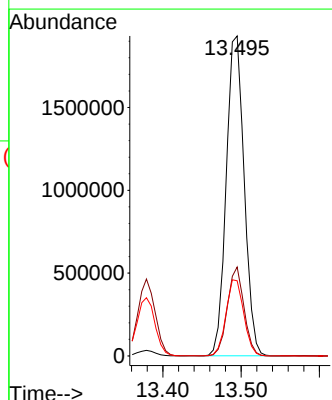
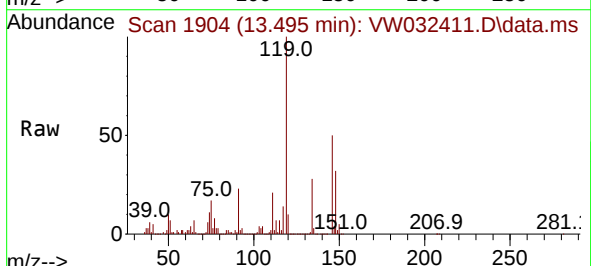
Tgt Ion:119 Resp: 3073760

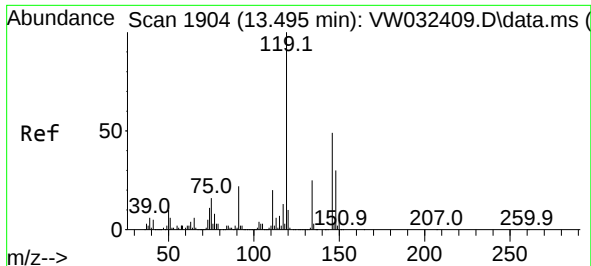
Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

91 23.6 11.9 35.5

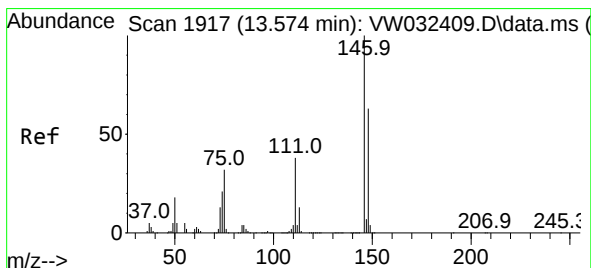
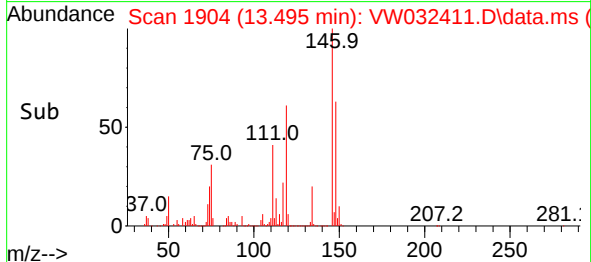
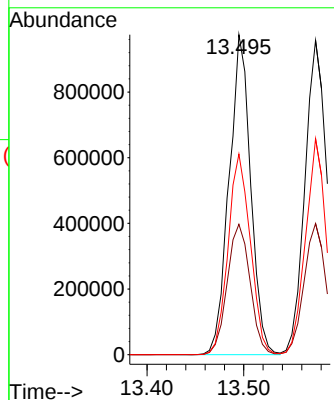
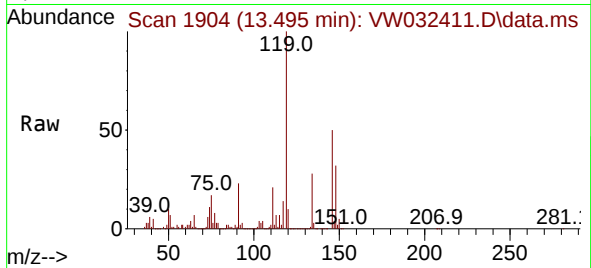




#87
 1,3-Dichlorobenzene
 Concen: 145.231 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

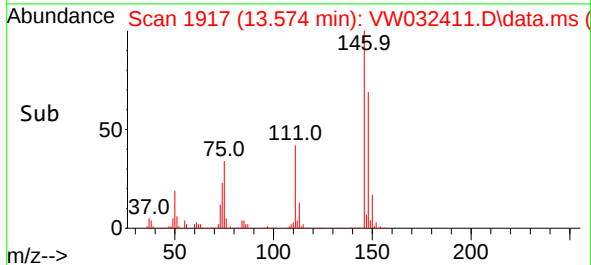
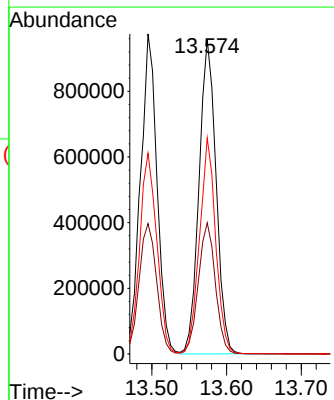
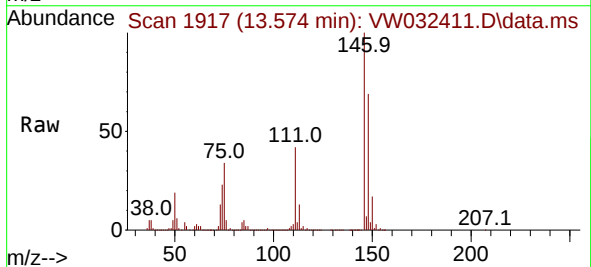
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

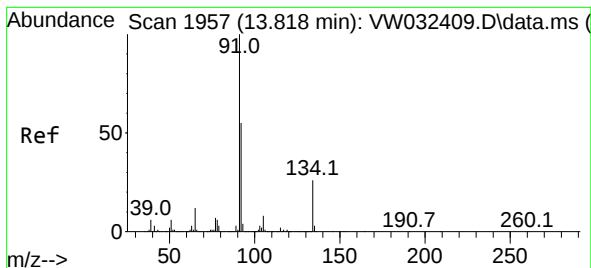
Tgt Ion:146 Resp: 1509962
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.2 66.6
 148 64.7 33.4 100.1



#88
 1,4-Dichlorobenzene
 Concen: 142.246 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

Tgt Ion:146 Resp: 1515160
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.6
 148 65.3 31.2 93.6





#89

n-Butylbenzene

Concen: 151.884 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

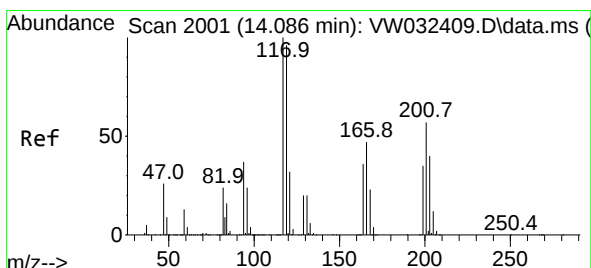
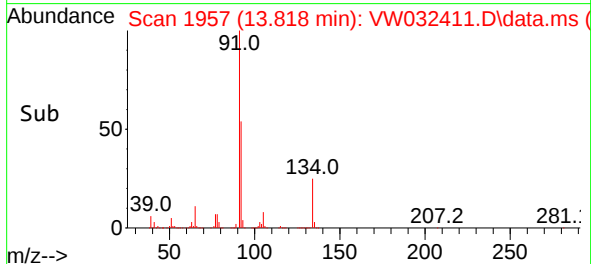
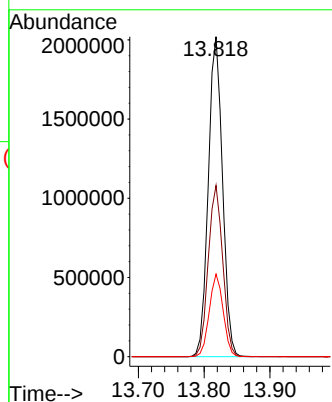
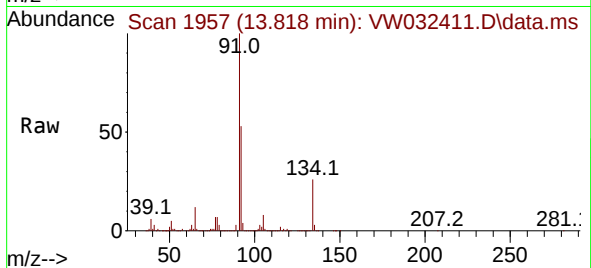
MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 3032908

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.2
134	25.3	12.4	37.4



#90

Hexachloroethane

Concen: 158.476 ug/l

RT: 14.086 min Scan# 2001

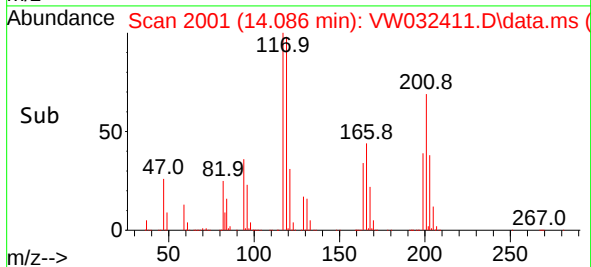
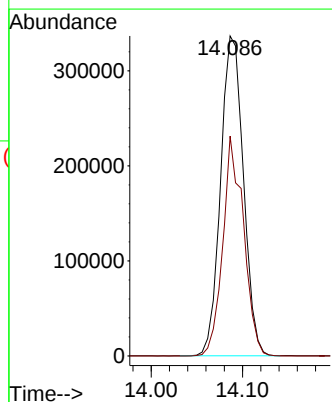
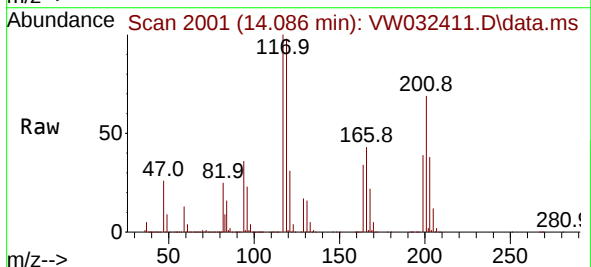
Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Tgt Ion: 117 Resp: 584015

Ion	Ratio	Lower	Upper
117	100		
201	62.4	32.0	96.0

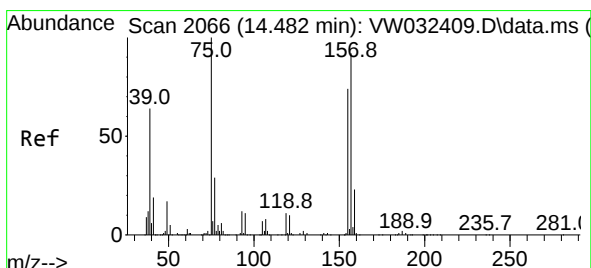
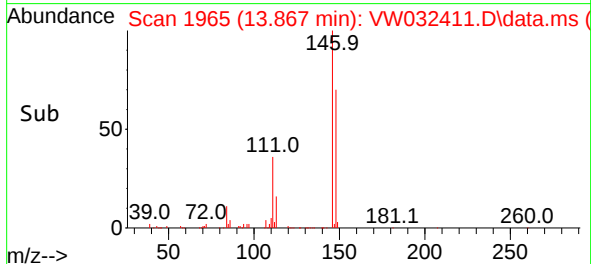
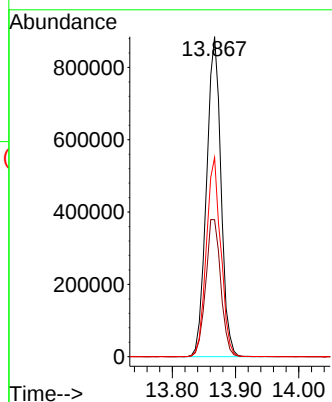
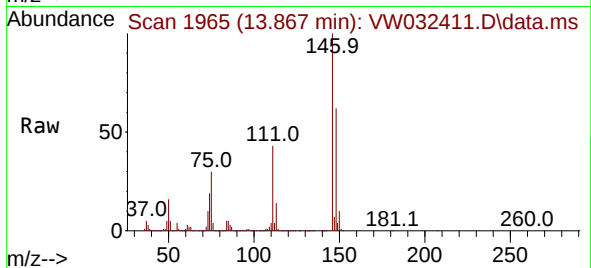




#91
 1,2-Dichlorobenzene
 Concen: 147.475 ug/l
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

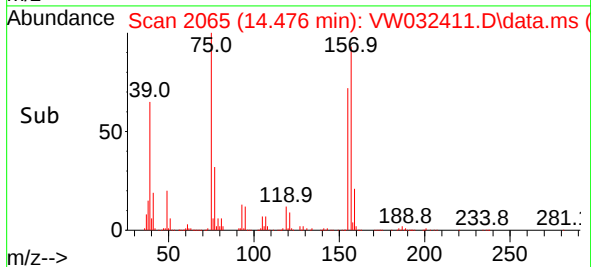
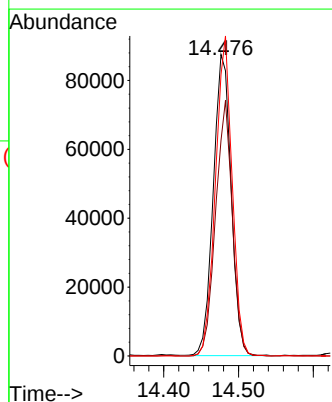
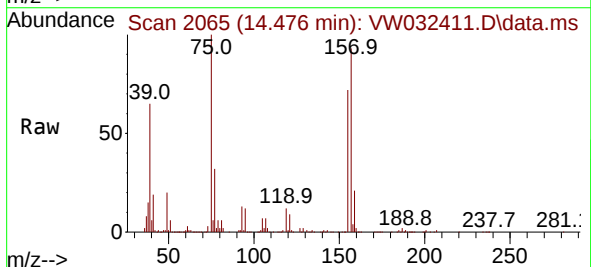
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

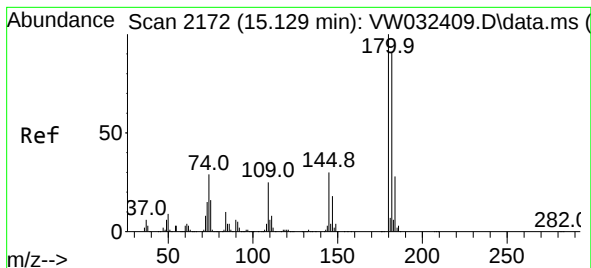
Tgt Ion:146 Resp: 1407554
 Ion Ratio Lower Upper
 146 100
 111 44.7 23.4 70.2
 148 62.1 34.0 101.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.453 ug/l
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VW032411.D
 Acq: 10 Nov 2025 17:00

Tgt Ion: 75 Resp: 145307
 Ion Ratio Lower Upper
 75 100
 155 79.5 36.2 108.6
 157 99.4 47.8 143.3

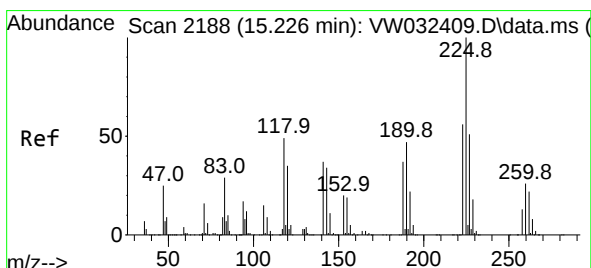
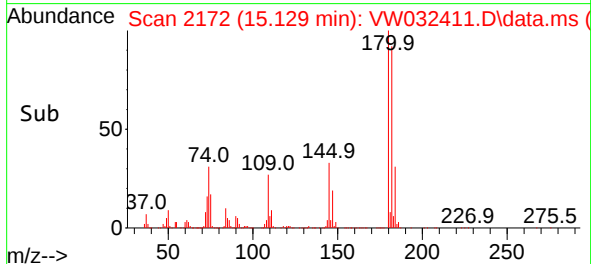
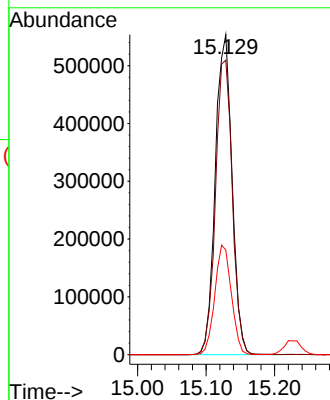
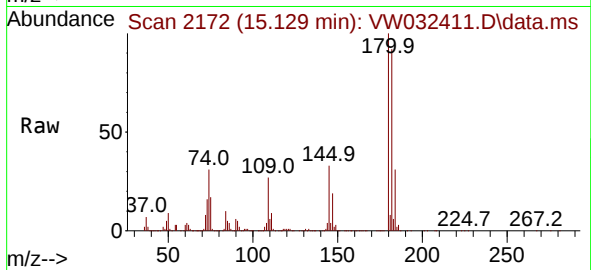




#93
1,2,4-Trichlorobenzene
Concen: 154.502 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

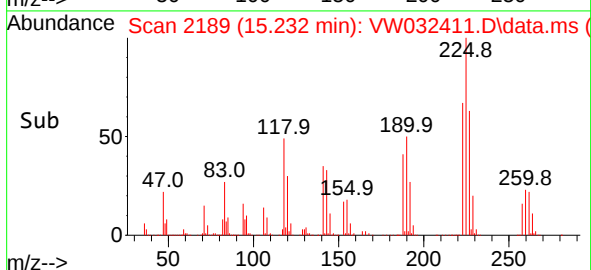
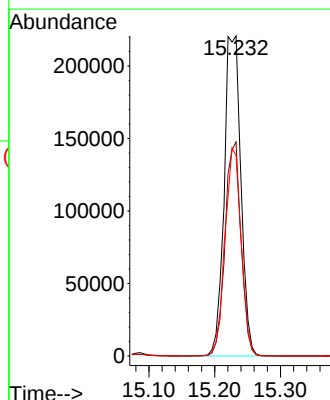
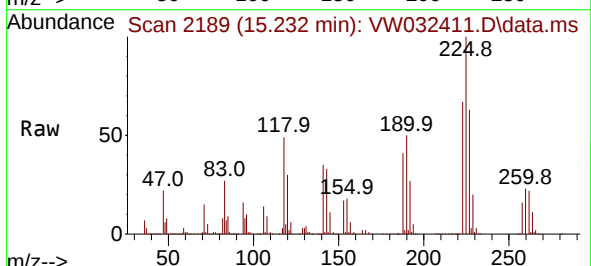
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

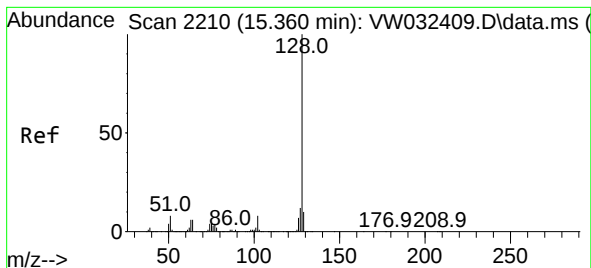
Tgt Ion:180 Resp: 938399
Ion Ratio Lower Upper
180 100
182 92.8 45.3 135.9
145 34.0 16.2 48.5



#94
Hexachlorobutadiene
Concen: 155.194 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032411.D
Acq: 10 Nov 2025 17:00

Tgt Ion:225 Resp: 391549
Ion Ratio Lower Upper
225 100
223 63.8 30.6 91.8
227 62.6 29.8 89.4





#95

Naphthalene

Concen: 154.434 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

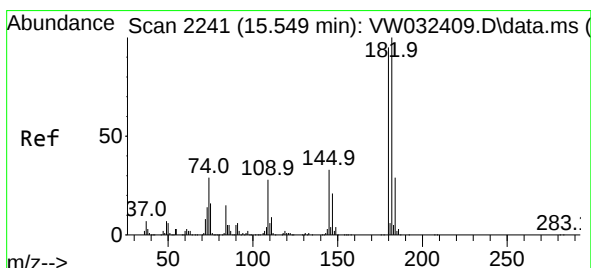
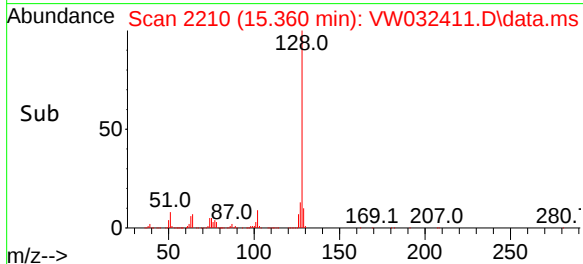
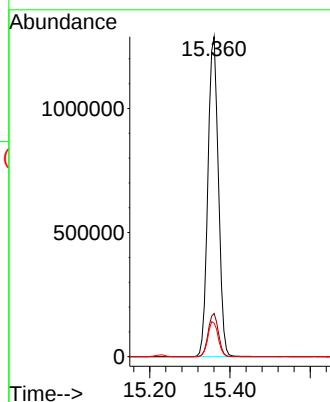
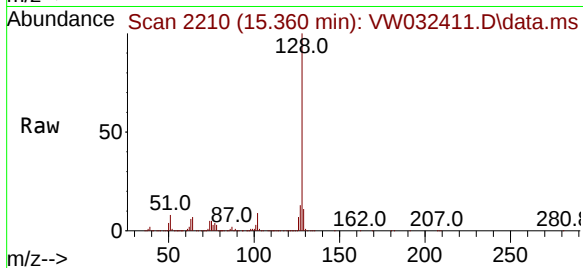
Tgt Ion:128 Resp: 2339043

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 155.386 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032411.D

Acq: 10 Nov 2025 17:00

Tgt Ion:180 Resp: 856827

Ion Ratio Lower Upper

180 100

182 90.6 50.3 151.0

145 35.8 17.8 53.3

