

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031895.D
 Acq On : 22 Jul 2025 11:18
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 23 08:03:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 07:57:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	221447	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	402410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	371635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	158257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	317755	94.854	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 189.700%#	
35) Dibromofluoromethane	7.892	113	265829	97.216	ug/l	-0.01
Spiked Amount	50.000	Range	70 - 134	Recovery	= 194.440%#	
50) Toluene-d8	10.325	98	1013207	97.904	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 195.800%#	
62) 4-Bromofluorobenzene	12.617	95	383449	96.494	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 192.980%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	163348	99.248	ug/l	99
3) Chloromethane	2.259	50	203485	96.326	ug/l	98
4) Vinyl Chloride	2.405	62	273463	99.654	ug/l	99
5) Bromomethane	2.820	94	198486	98.226	ug/l	99
6) Chloroethane	2.966	64	181340	100.126	ug/l	99
7) Trichlorofluoromethane	3.301	101	276765	99.578	ug/l	96
8) Diethyl Ether	3.722	74	177440	95.572	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	258448	96.675	ug/l	99
10) Methyl Iodide	4.307	142	396765	99.264	ug/l	100
11) Tert butyl alcohol	5.216	59	108215	549.558	ug/l	100
12) 1,1-Dichloroethene	4.076	96	295280	100.001	ug/l	93
13) Acrolein	3.929	56	126741	529.499	ug/l	100
14) Allyl chloride	4.704	41	461159	100.325	ug/l	99
15) Acrylonitrile	5.399	53	434270	523.190	ug/l	99
16) Acetone	4.161	43	372157	468.167	ug/l	98
17) Carbon Disulfide	4.417	76	778367	101.641	ug/l	98
18) Methyl Acetate	4.704	43	233619	106.673	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	510872	100.133	ug/l	99
20) Methylene Chloride	4.954	84	323479	99.782	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	309509	98.792	ug/l	98
22) Diisopropyl ether	6.338	45	919619	99.982	ug/l	98
23) Vinyl Acetate	6.277	43	3184428	529.933	ug/l	99
24) 1,1-Dichloroethane	6.246	63	571894	99.864	ug/l	99
25) 2-Butanone	7.191	43	563092	517.723	ug/l	96
26) 2,2-Dichloropropane	7.179	77	310099	95.647	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	374781	101.755	ug/l	99
28) Bromochloromethane	7.532	49	239942	100.070	ug/l	98
29) Tetrahydrofuran	7.551	42	380062	532.985	ug/l	100
30) Chloroform	7.691	83	597178	99.456	ug/l	96
31) Cyclohexane	7.971	56	487369	94.861	ug/l	100
32) 1,1,1-Trichloroethane	7.880	97	447021	97.836	ug/l	99
36) 1,1-Dichloropropene	8.093	75	424179	101.012	ug/l	100
37) Ethyl Acetate	7.270	43	255825	106.793	ug/l	100
38) Carbon Tetrachloride	8.081	117	415729	103.155	ug/l	92
39) Methylcyclohexane	9.343	83	554981	105.017	ug/l	96
40) Benzene	8.337	78	1262395	101.554	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	151519	107.383	ug/l	97
42) 1,2-Dichloroethane	8.410	62	408100	102.578	ug/l	100
43) Isopropyl Acetate	8.435	43	474069	109.315	ug/l	99
44) Trichloroethene	9.099	130	301416	102.011	ug/l	98
45) 1,2-Dichloropropane	9.374	63	303214	101.282	ug/l	99
46) Dibromomethane	9.465	93	189553	102.141	ug/l	95
47) Bromodichloromethane	9.648	83	468786	105.344	ug/l	99
48) Methyl methacrylate	9.441	41	226471	109.767	ug/l	100
49) 1,4-Dioxane	9.465	88	43032	2323.819	ug/l #	84
51) 4-Methyl-2-Pentanone	10.209	43	1288323	542.828	ug/l	100
52) Toluene	10.392	92	803397	100.537	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	463061	108.477	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	519672	106.602	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	254950	103.424	ug/l	96
56) Ethyl methacrylate	10.648	69	392187	112.649	ug/l	99
57) 1,3-Dichloropropane	10.934	76	454447	104.643	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	981034	548.592	ug/l	99
59) 2-Hexanone	10.965	43	892662	541.101	ug/l	99
60) Dibromochloromethane	11.129	129	310954	108.191	ug/l	97
61) 1,2-Dibromoethane	11.239	107	255989	105.093	ug/l	98
64) Tetrachloroethene	10.861	164	236845	96.662	ug/l	88
65) Chlorobenzene	11.654	112	886811	97.499	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	280110	99.339	ug/l	99
67) Ethyl Benzene	11.727	91	1560463	97.646	ug/l	98
68) m/p-Xylenes	11.837	106	1180270	196.185	ug/l	98
69) o-Xylene	12.166	106	571902	100.449	ug/l	98
70) Styrene	12.178	104	948526	97.850	ug/l	97
71) Bromoform	12.349	173	166090	107.703	ug/l #	99
73) Isopropylbenzene	12.458	105	1460308	106.348	ug/l	100
74) N-amyl acetate	12.269	43	417442	112.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	310725	106.608	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	405634	187.218	ug/l #	100
77) Bromobenzene	12.745	156	308168	103.725	ug/l	97
78) n-propylbenzene	12.800	91	1765379	104.679	ug/l	100
79) 2-Chlorotoluene	12.891	91	1046552	103.935	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1241824	107.831	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	110340	116.589	ug/l	96
82) 4-Chlorotoluene	12.989	91	1070989	101.386	ug/l	100
83) tert-Butylbenzene	13.202	119	1052310	107.273	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	1198796	102.845	ug/l	99
85) sec-Butylbenzene	13.379	105	1502744	102.008	ug/l	98
86) p-Isopropyltoluene	13.495	119	1283789	105.433	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	625716	101.175	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	614573	101.442	ug/l	98
89) n-Butylbenzene	13.818	91	1255431	105.103	ug/l	99
90) Hexachloroethane	14.092	117	225644	107.168	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	570249	104.043	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	57065	108.370	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	370704	112.151	ug/l	89
94) Hexachlorobutadiene	15.226	225	166160	106.085	ug/l	99
95) Naphthalene	15.360	128	922104	113.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	329679	110.082	ug/l	91

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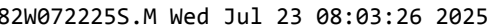
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MSVOA_W
ClientSampleId :
VSTDICC100

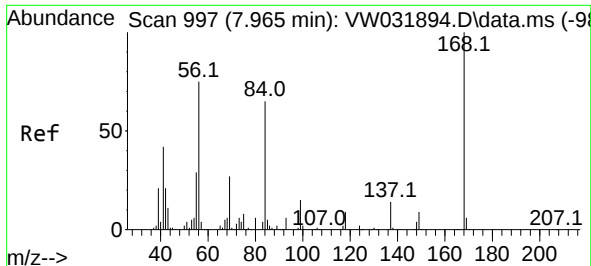
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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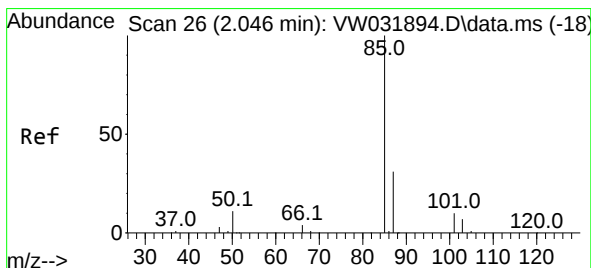
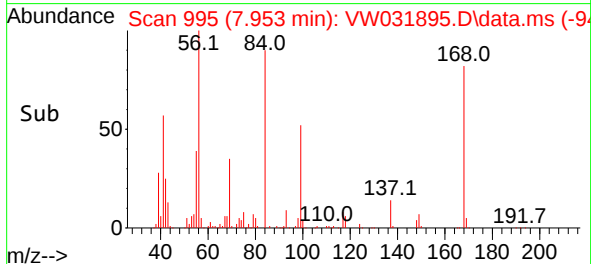
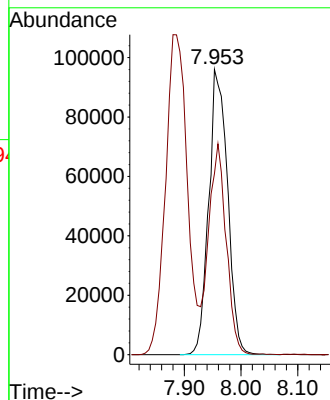
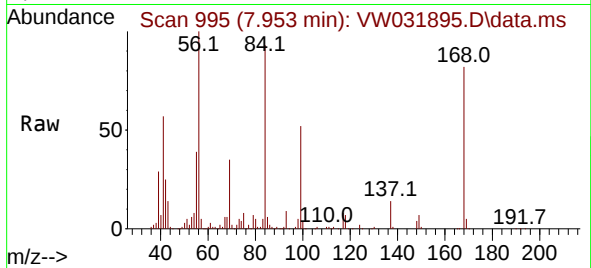




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW031895.D
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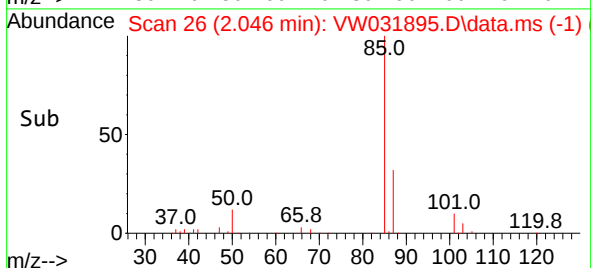
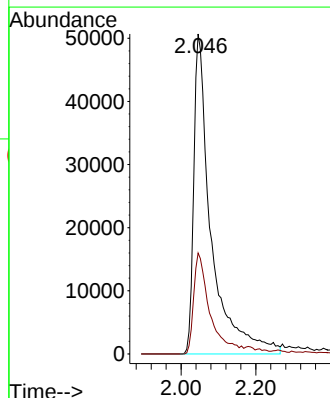
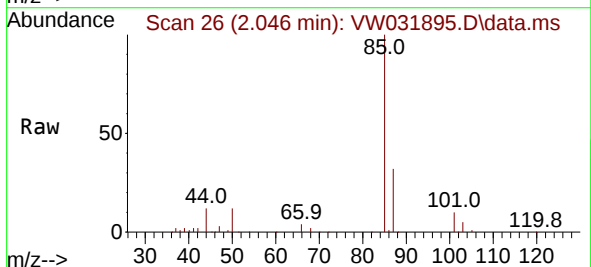
Instrument :
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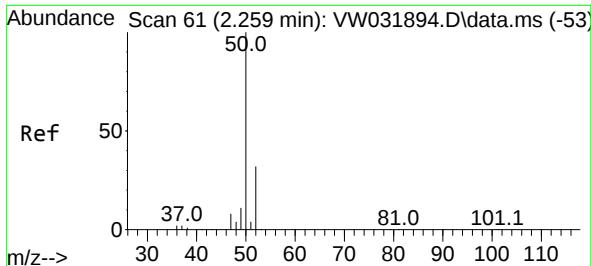
Tgt Ion:168 Resp: 221447
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 99.248 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 85 Resp: 163348
Ion Ratio Lower Upper
85 100
87 31.5 15.5 46.5

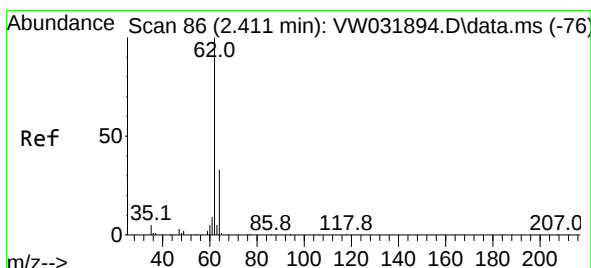
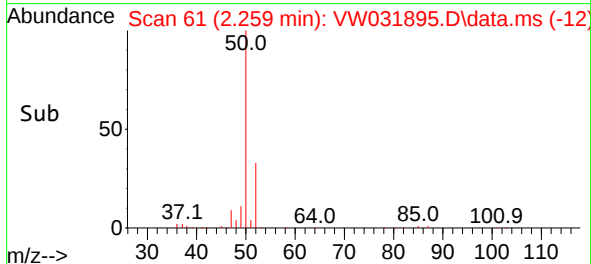
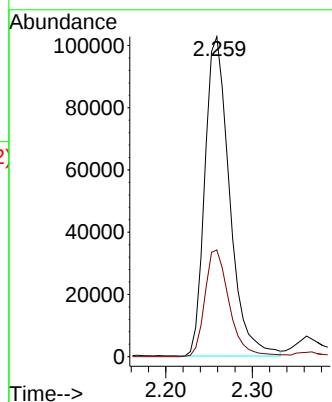
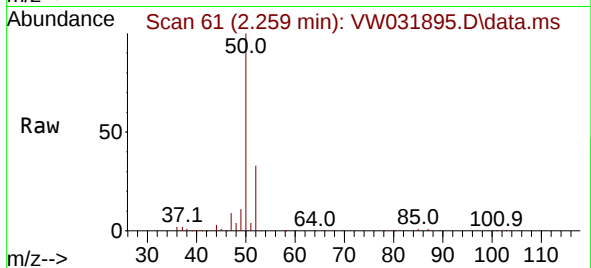




#3
Chloromethane
Concen: 96.326 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

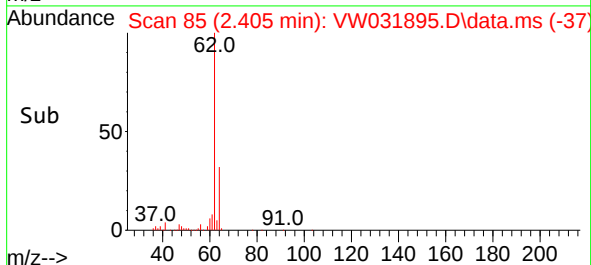
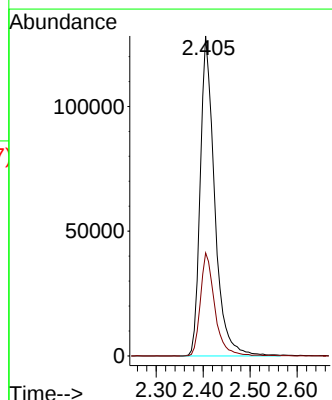
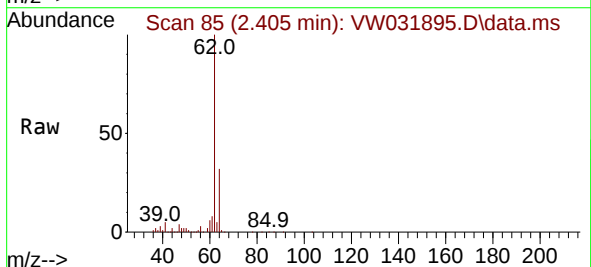
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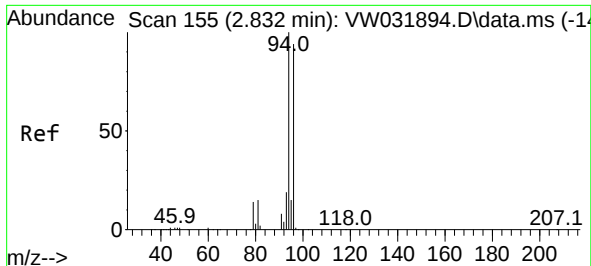
Tgt Ion: 50 Resp: 203485
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5



#4
Vinyl Chloride
Concen: 99.654 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031895.D
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Tgt Ion: 62 Resp: 273463
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2

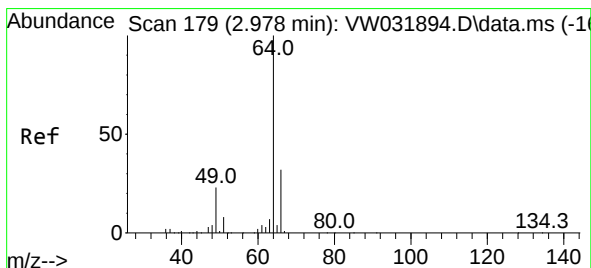
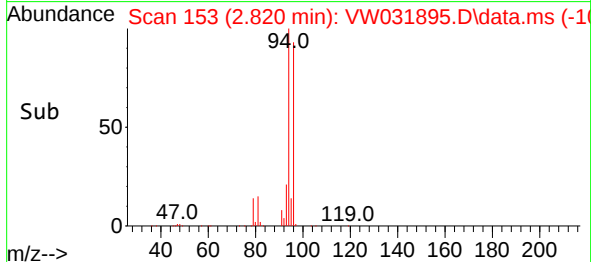
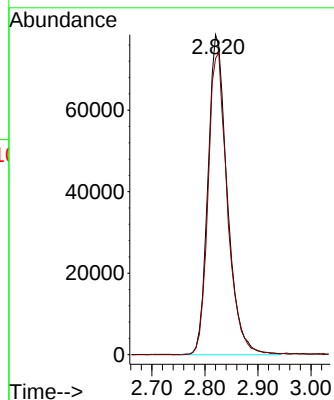
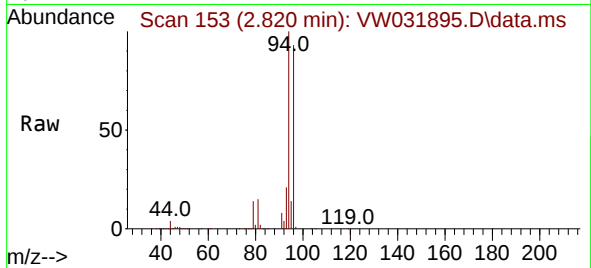




#5
Bromomethane
Concen: 98.226 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031895.D
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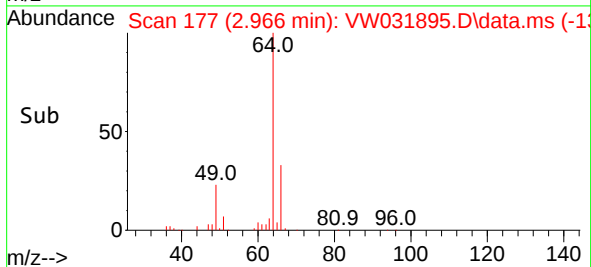
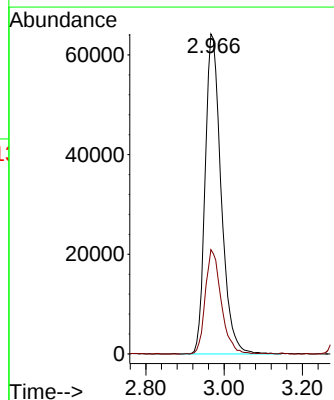
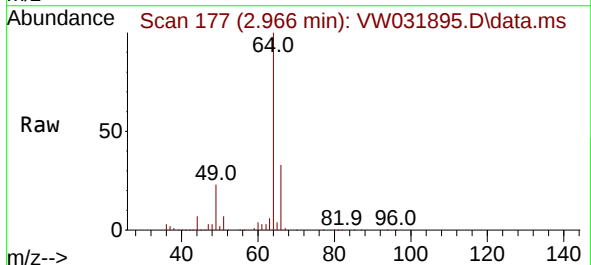
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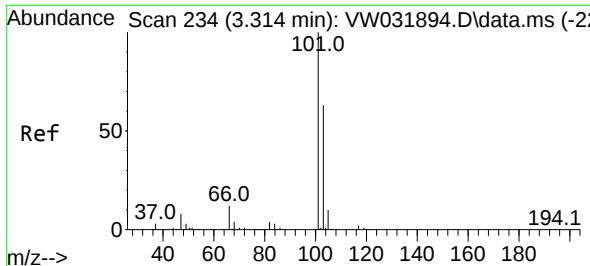
Tgt Ion: 94 Resp: 198486
Ion Ratio Lower Upper
94 100
96 92.6 75.0 112.6



#6
Chloroethane
Concen: 100.126 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031895.D
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Tgt Ion: 64 Resp: 181340
Ion Ratio Lower Upper
64 100
66 32.6 25.6 38.4

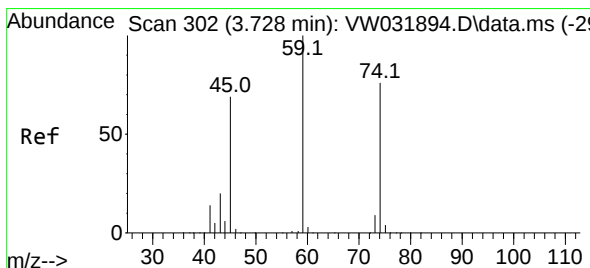
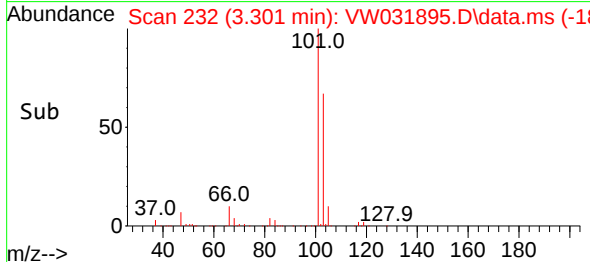
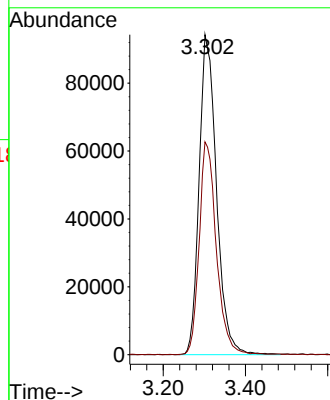
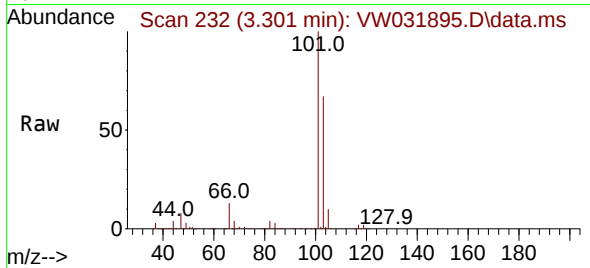




#7
 Trichlorofluoromethane
 Concen: 99.578 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

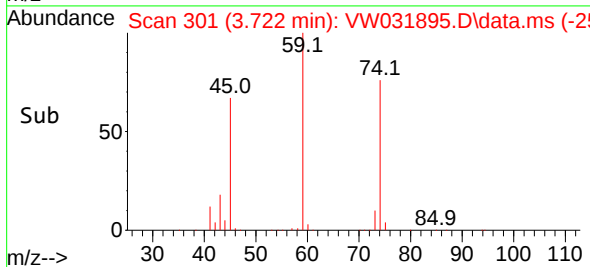
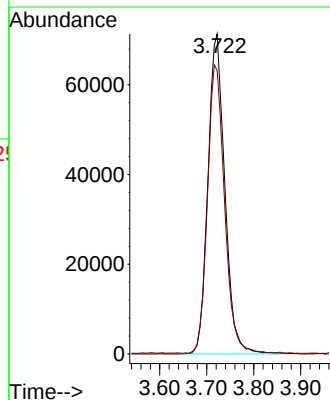
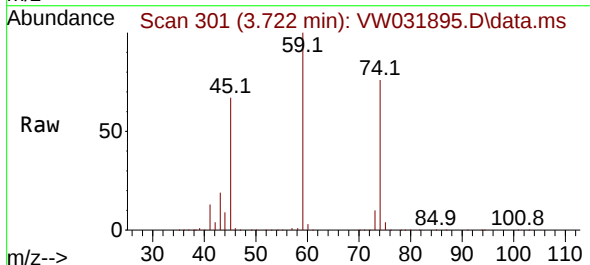
Instrument :
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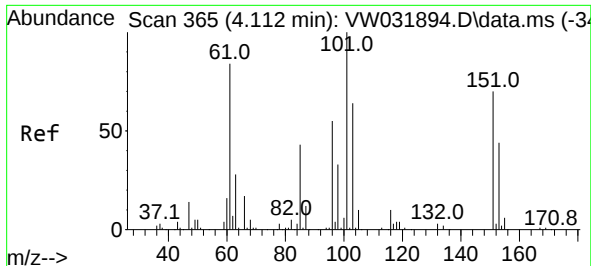
Tgt Ion:101 Resp: 276765
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 95.572 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 177440
 Ion Ratio Lower Upper
 74 100
 45 91.3 45.5 136.5

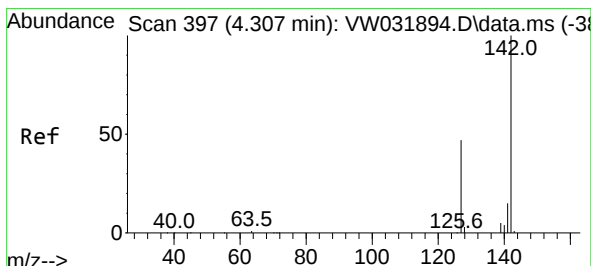
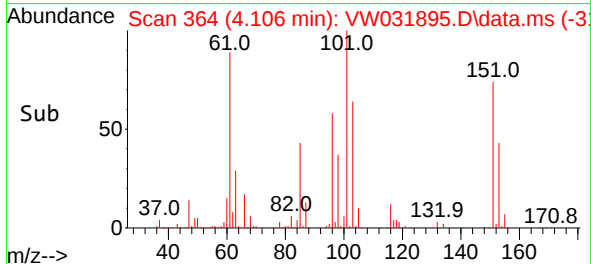
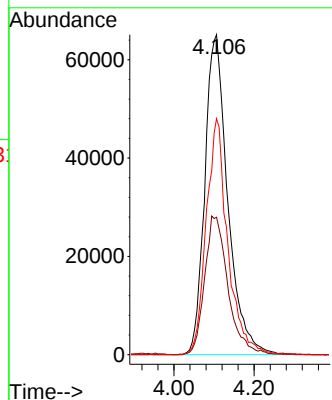
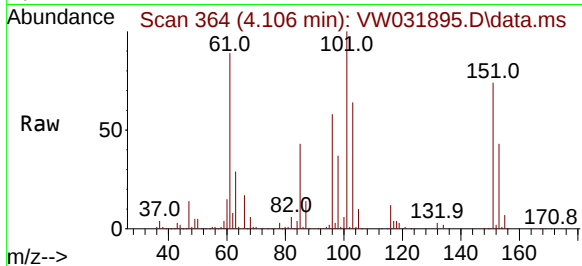




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 96.675 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

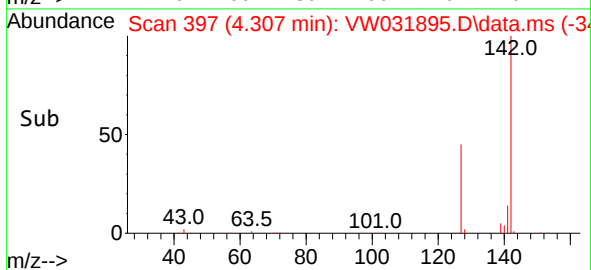
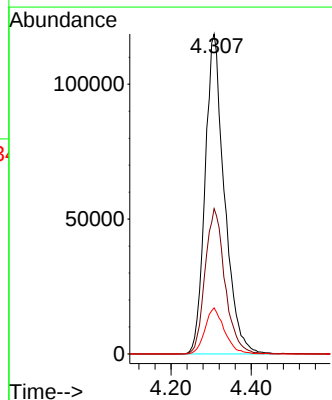
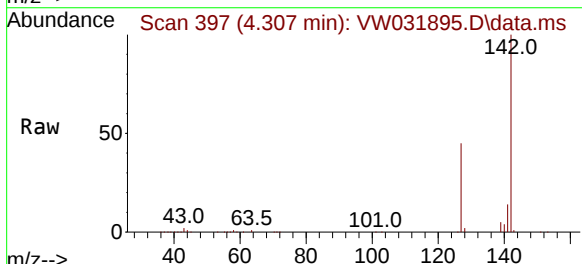
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

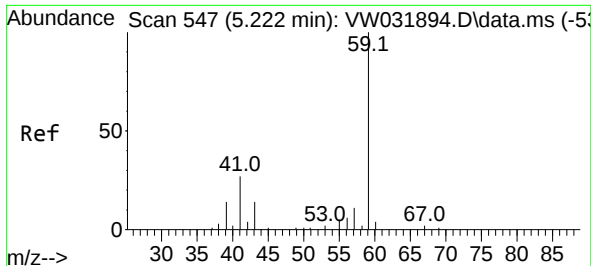
Tgt Ion:101 Resp: 258448
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.5 53.3
 151 69.2 54.6 81.8



#10
 Methyl Iodide
 Concen: 99.264 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

Tgt Ion:142 Resp: 396765
 Ion Ratio Lower Upper
 142 100
 127 46.7 37.4 56.2
 141 14.5 11.9 17.9

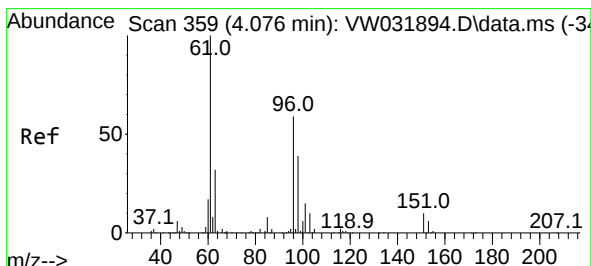
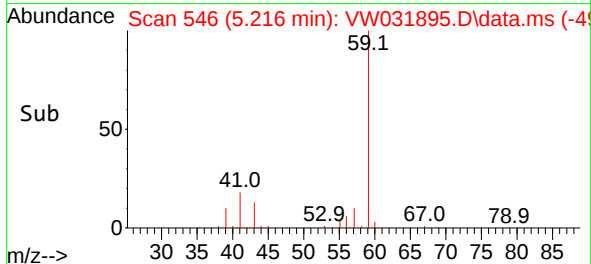
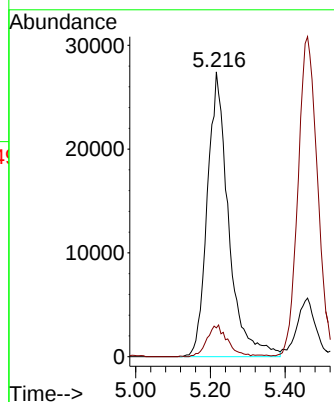
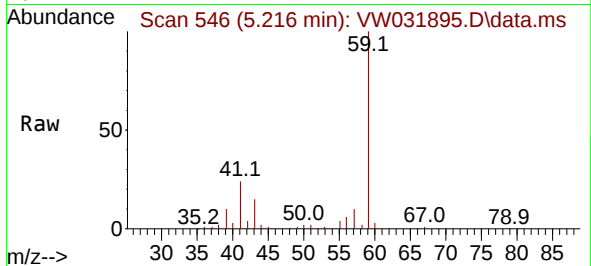




#11
Tert butyl alcohol
Concen: 549.558 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

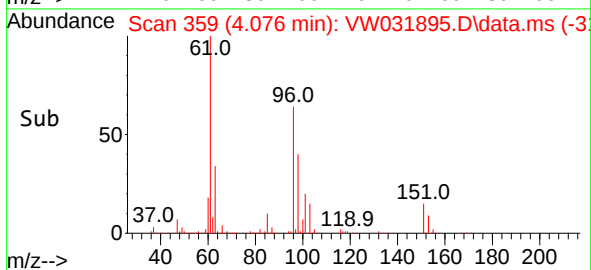
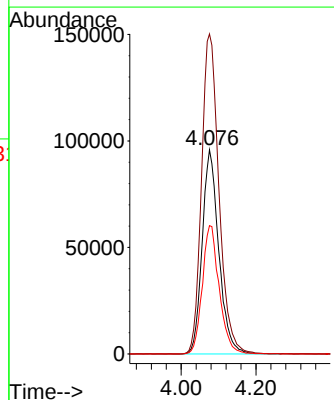
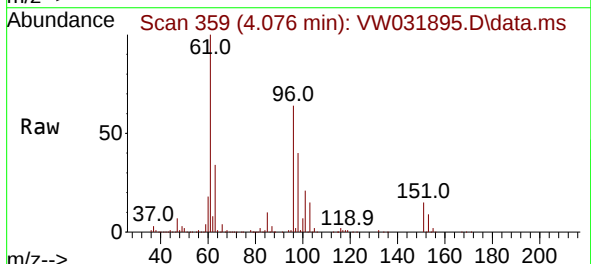
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 108215
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 100.001 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 96 Resp: 295280
Ion Ratio Lower Upper
96 100
61 156.7 135.0 202.6
98 62.8 52.3 78.5

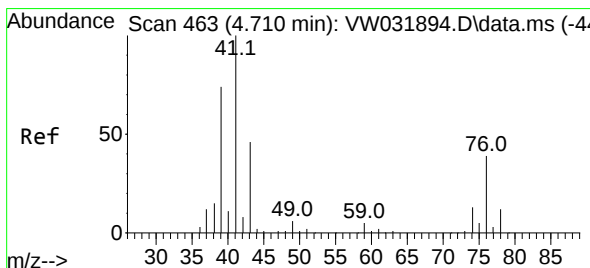
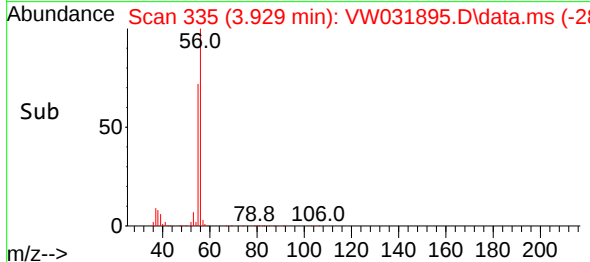
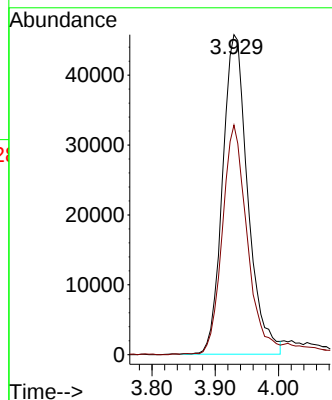
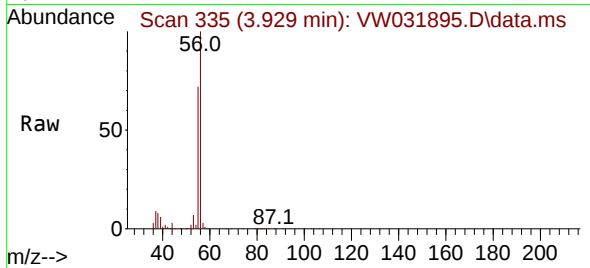




#13
Acrolein
Concen: 529.499 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

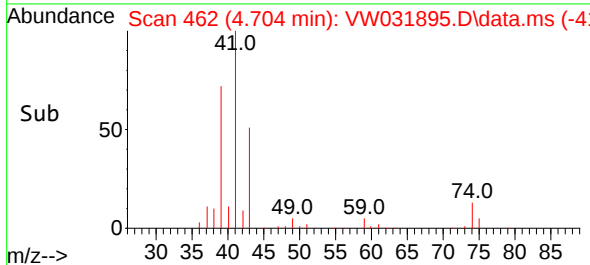
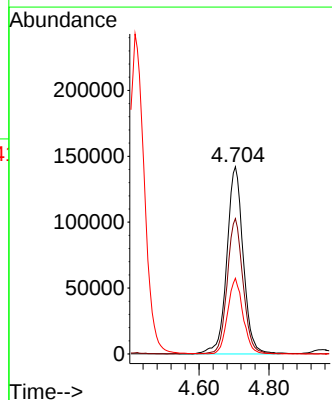
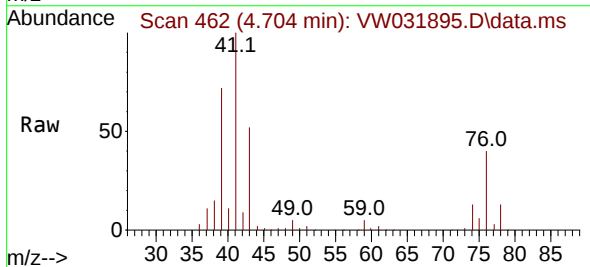
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

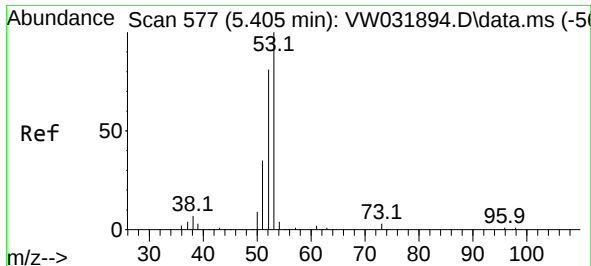
Tgt Ion: 56 Resp: 126741
Ion Ratio Lower Upper
56 100
55 71.2 56.7 85.1



#14
Allyl chloride
Concen: 100.325 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 41 Resp: 461159
Ion Ratio Lower Upper
41 100
39 70.2 56.6 85.0
76 37.8 30.1 45.1

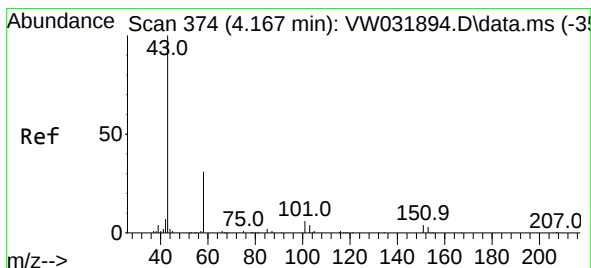
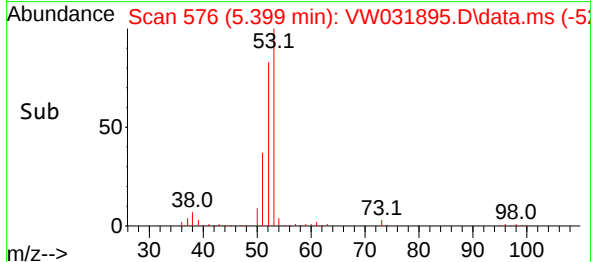
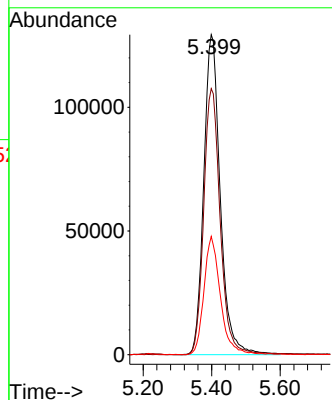
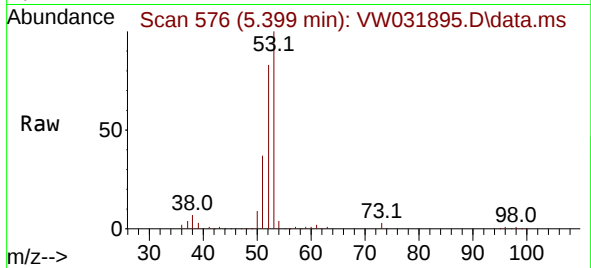




#15
Acrylonitrile
Concen: 523.190 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

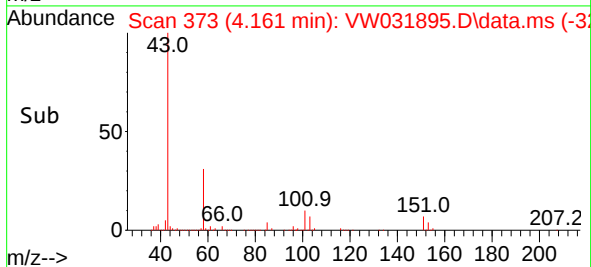
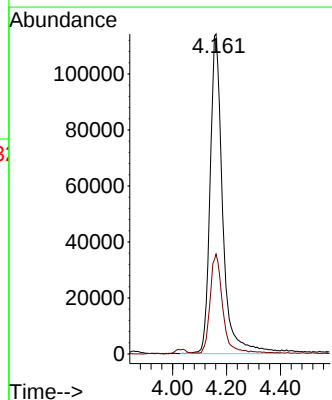
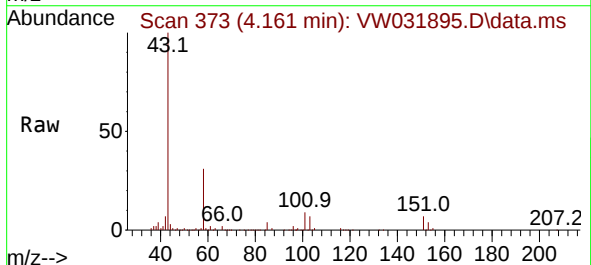
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

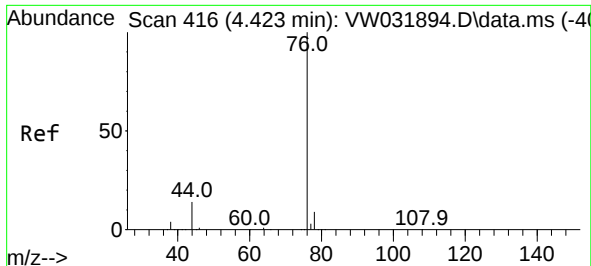
Tgt Ion: 53 Resp: 434270
Ion Ratio Lower Upper
53 100
52 82.8 67.0 100.4
51 36.9 29.9 44.9



#16
Acetone
Concen: 468.167 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 43 Resp: 372157
Ion Ratio Lower Upper
43 100
58 30.9 25.5 38.3

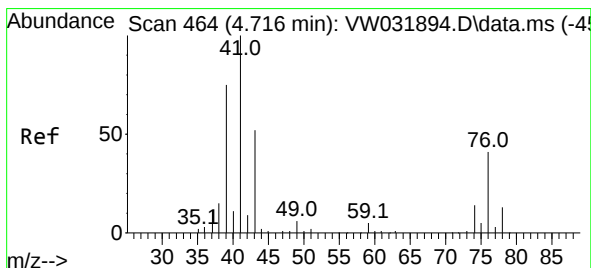
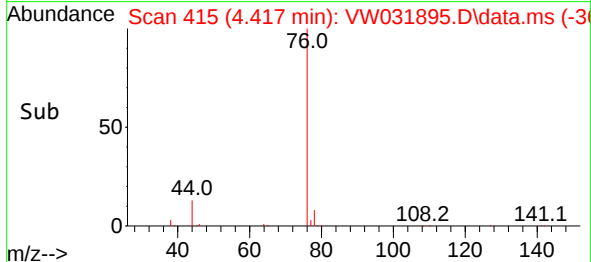
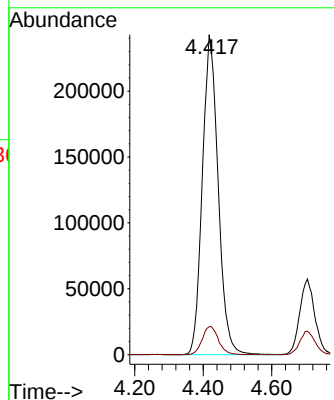
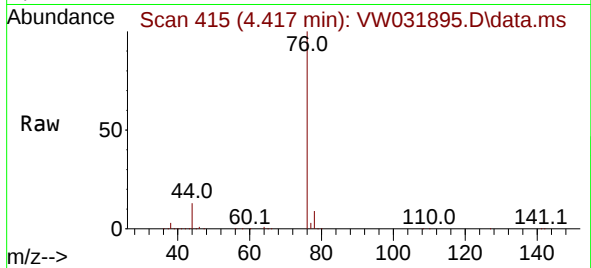




#17
Carbon Disulfide
Concen: 101.641 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

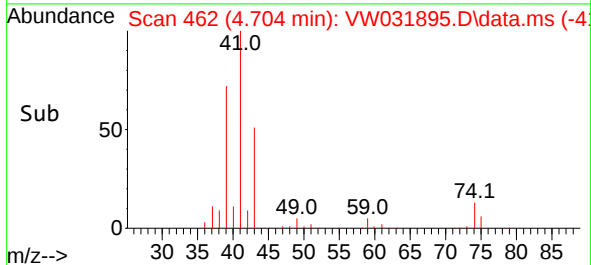
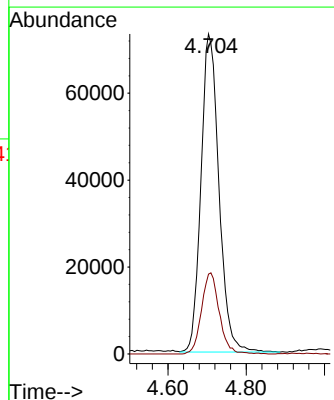
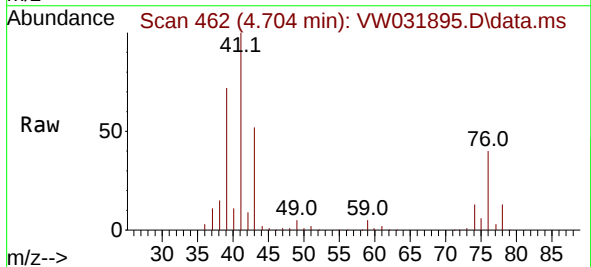
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

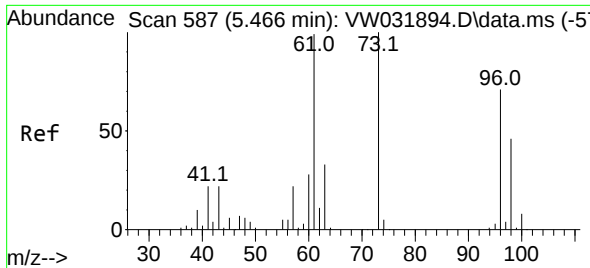
Tgt Ion: 76 Resp: 778367
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 106.673 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 43 Resp: 233619
Ion Ratio Lower Upper
43 100
74 25.1 20.6 31.0

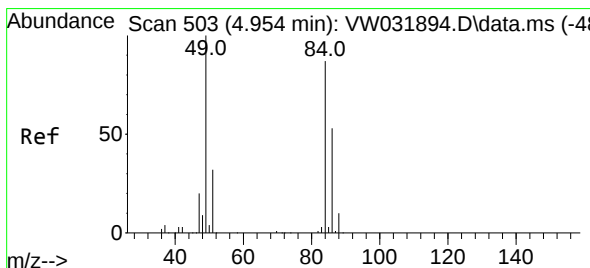
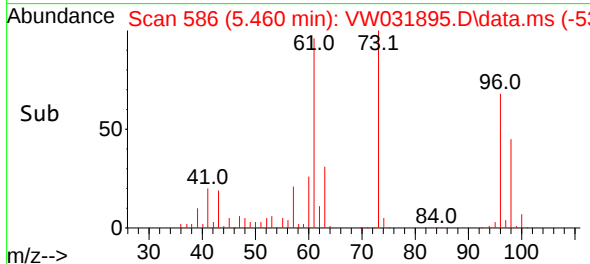
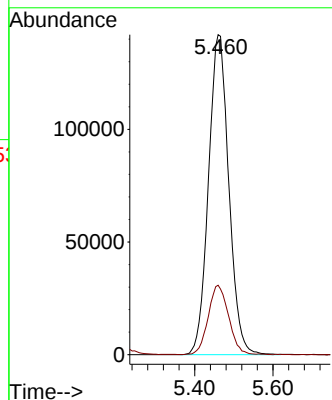
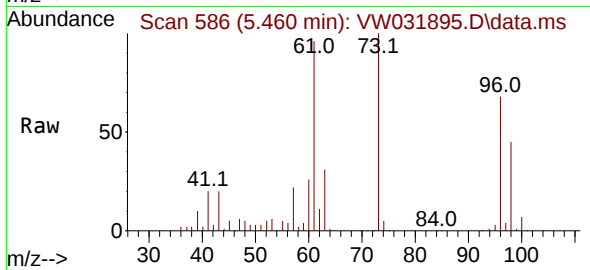




#19
Methyl tert-butyl Ether
Concen: 100.133 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

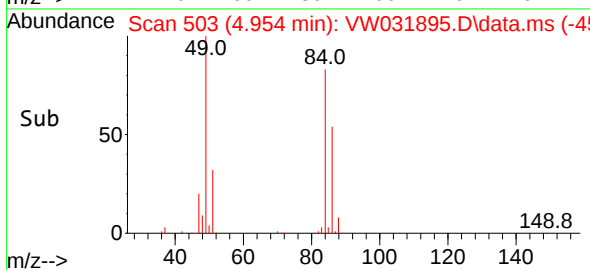
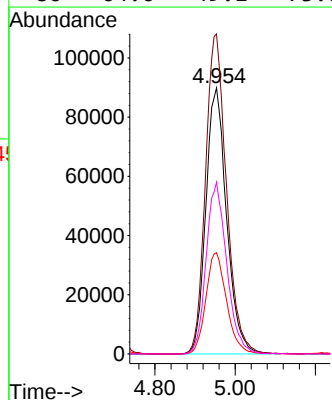
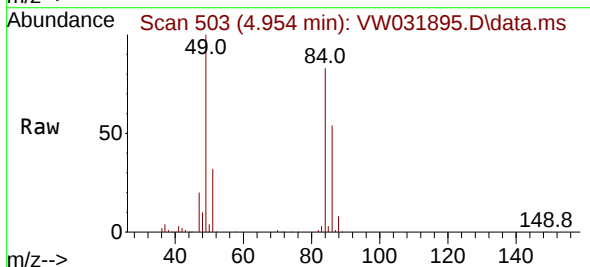
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

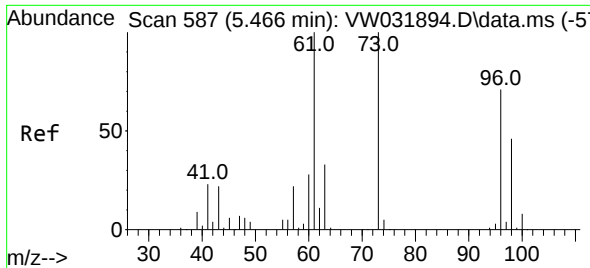
Tgt Ion: 73 Resp: 510872
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 99.782 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 84 Resp: 323479
Ion Ratio Lower Upper
84 100
49 120.2 91.9 137.9
51 38.1 29.0 43.6
86 64.6 49.1 73.7

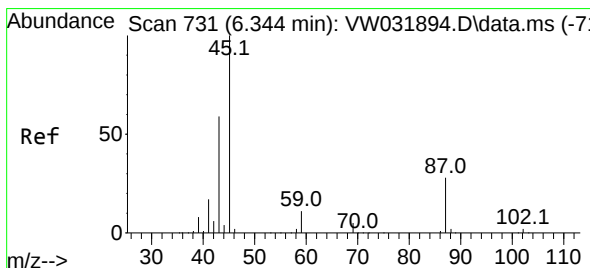
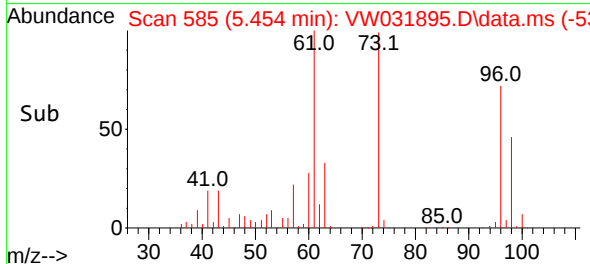
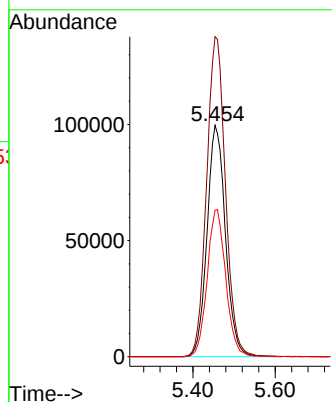
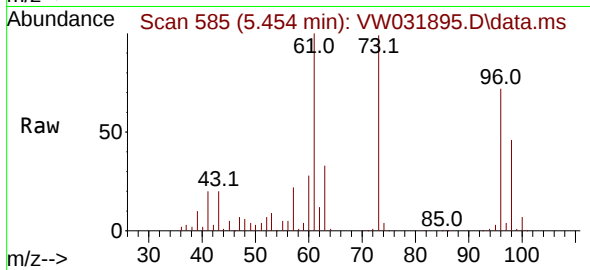




#21
trans-1,2-Dichloroethene
Concen: 98.792 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

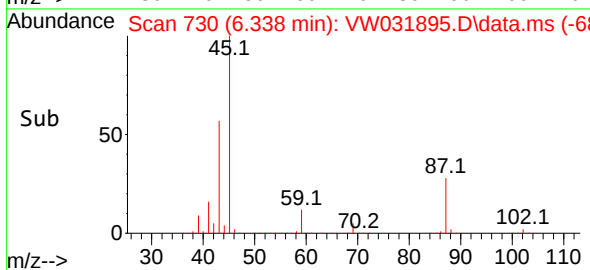
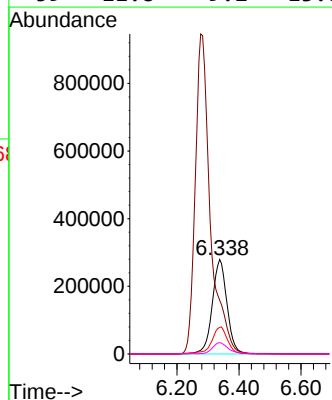
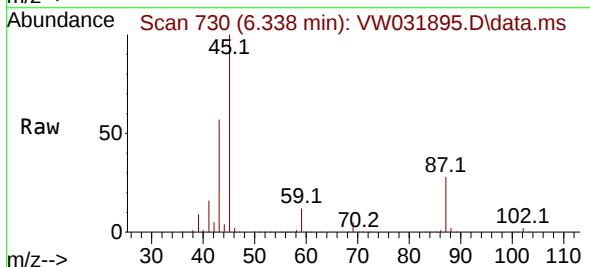
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

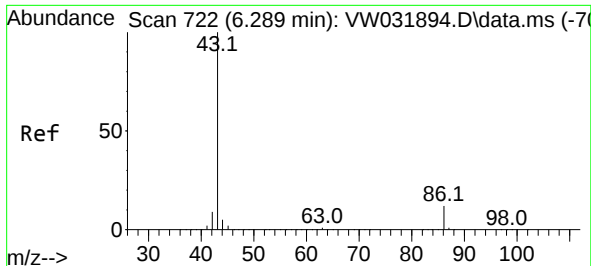
Tgt Ion: 96 Resp: 309509
Ion Ratio Lower Upper
96 100
61 138.3 112.8 169.2
98 63.3 51.9 77.9



#22
Diisopropyl ether
Concen: 99.982 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 45 Resp: 919619
Ion Ratio Lower Upper
45 100
43 56.6 47.0 70.6
87 28.2 22.8 34.2
59 11.8 9.2 13.8

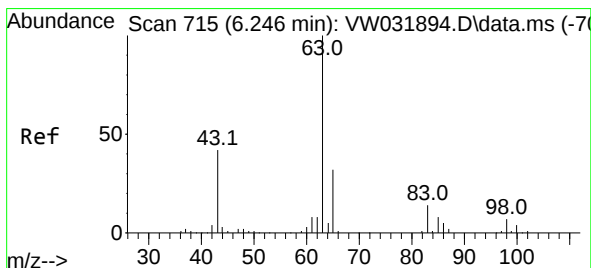
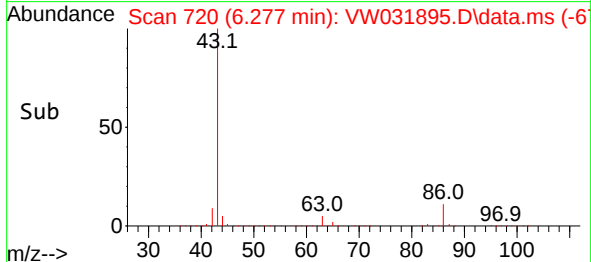
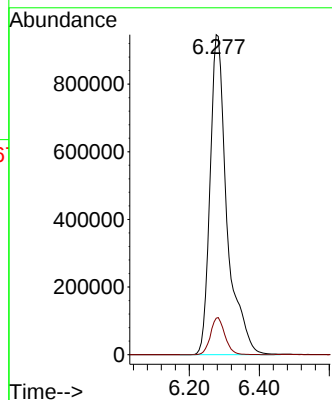
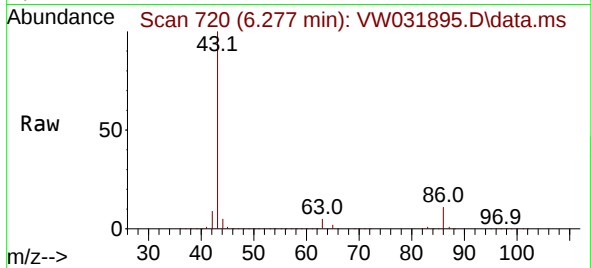




#23
 Vinyl Acetate
 Concen: 529.933 ug/l
 RT: 6.277 min Scan# 715
 Delta R.T. -0.012 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

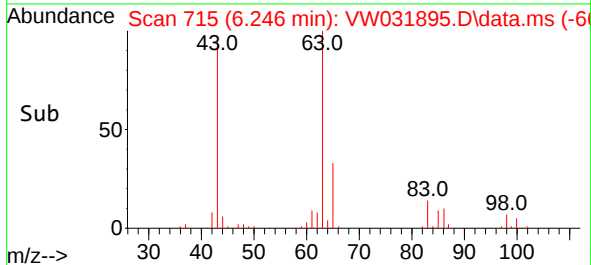
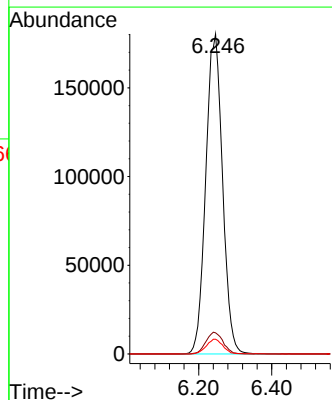
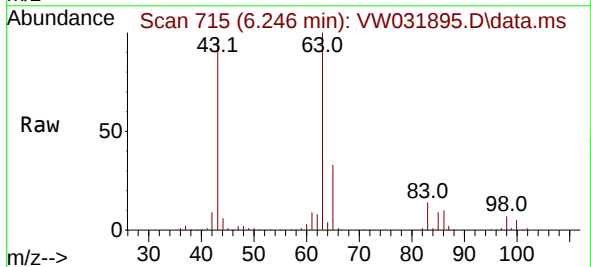
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

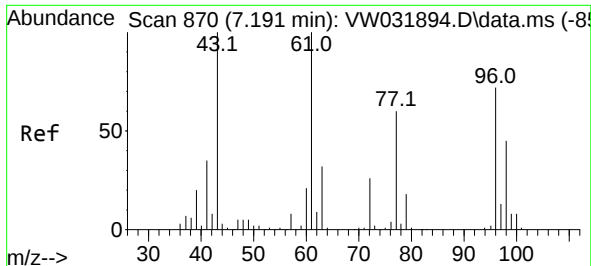
Tgt Ion: 43 Resp: 3184428
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 99.864 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

Tgt Ion: 63 Resp: 571894
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.6 2.2 6.6

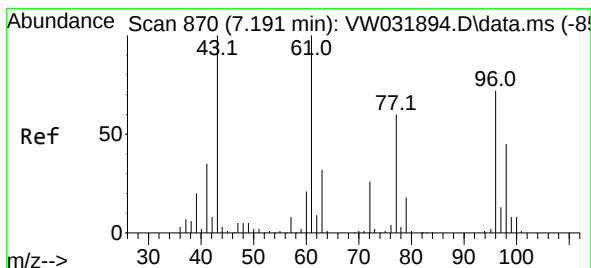
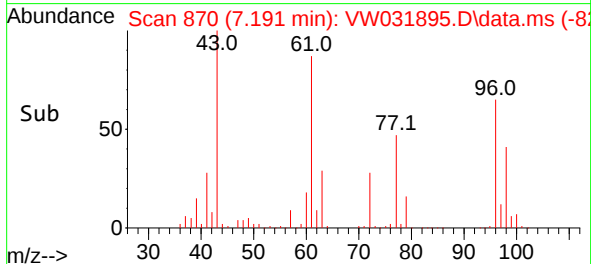
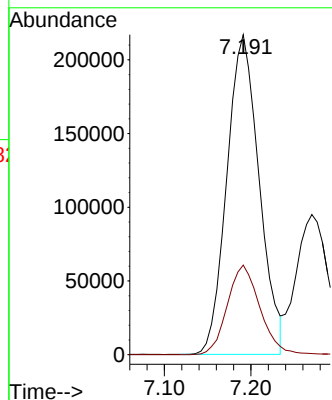
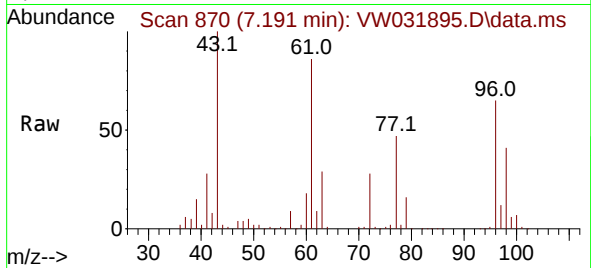




#25
2-Butanone
Concen: 517.723 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

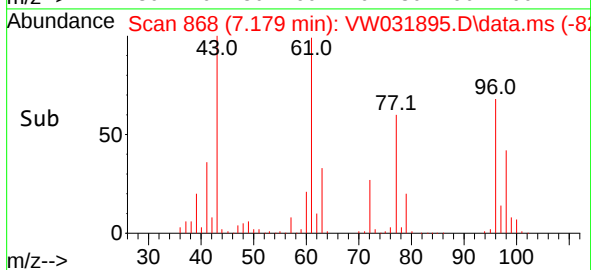
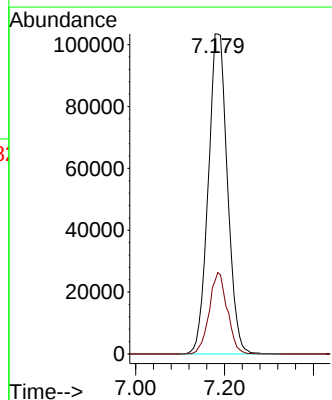
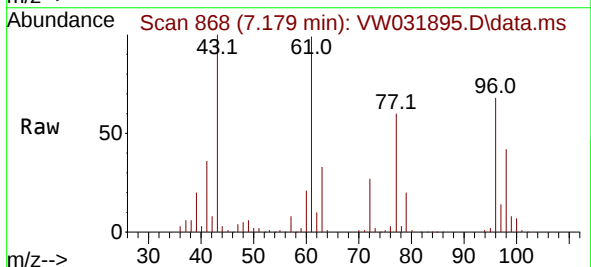
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

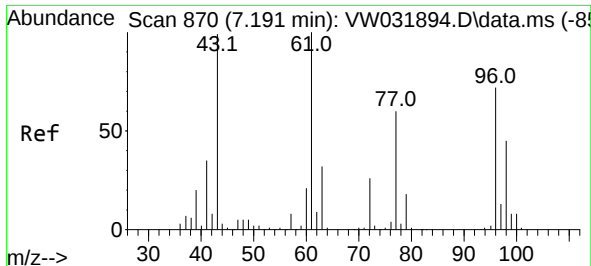
Tgt Ion: 43 Resp: 563092
Ion Ratio Lower Upper
43 100
72 28.0 20.8 31.2



#26
2,2-Dichloropropane
Concen: 95.647 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 77 Resp: 310099
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.1

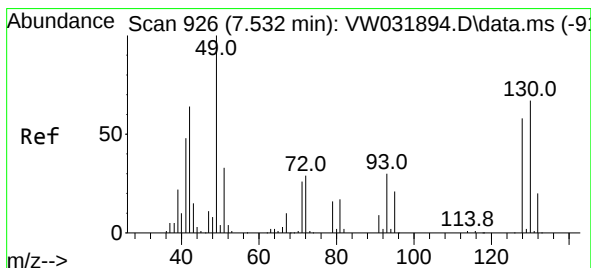
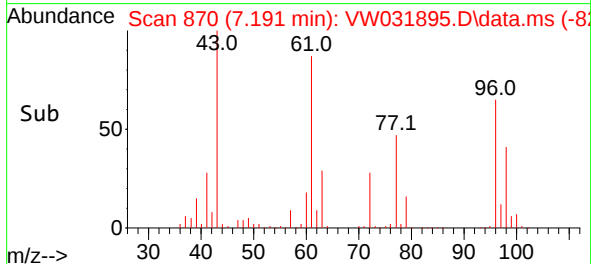
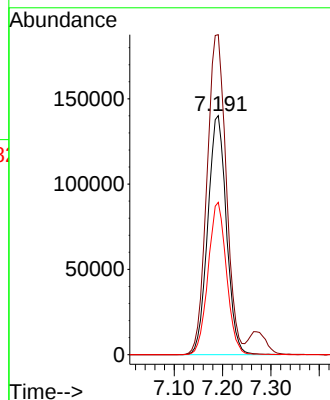
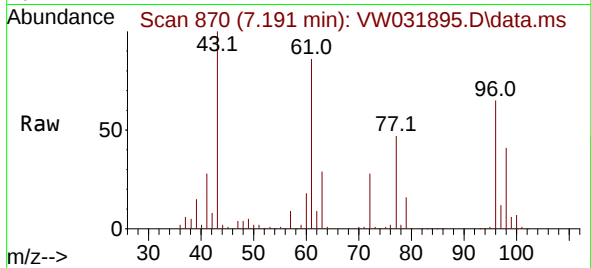




#27
cis-1,2-Dichloroethene
Concen: 101.755 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

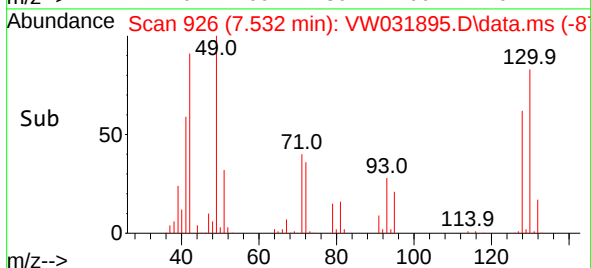
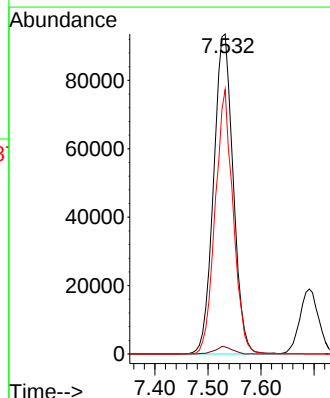
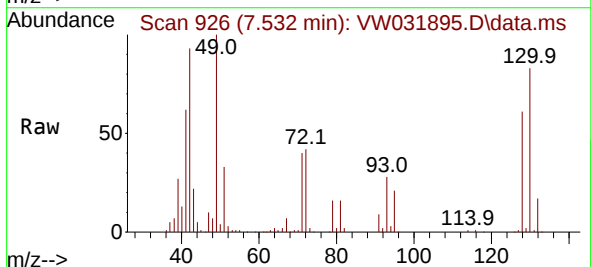
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

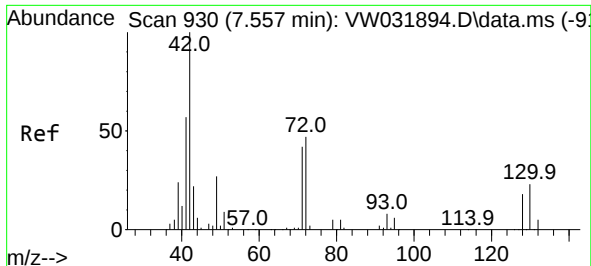
Tgt Ion: 96 Resp: 374781
Ion Ratio Lower Upper
96 100
61 138.8 0.0 280.2
98 63.1 0.0 126.8



#28
Bromochloromethane
Concen: 100.070 ug/l
RT: 7.532 min Scan# 926
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 49 Resp: 239942
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.4
130 75.8 59.0 88.4





#29

Tetrahydrofuran

Concen: 532.985 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

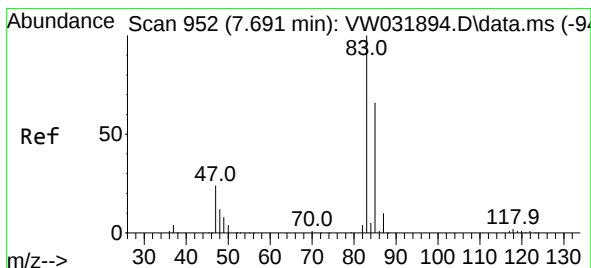
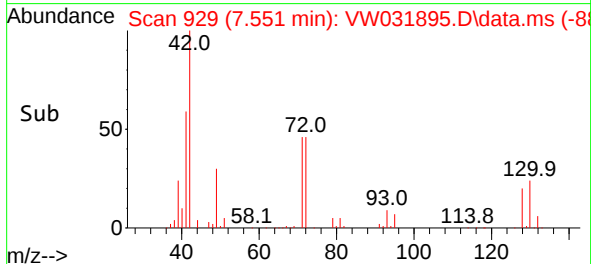
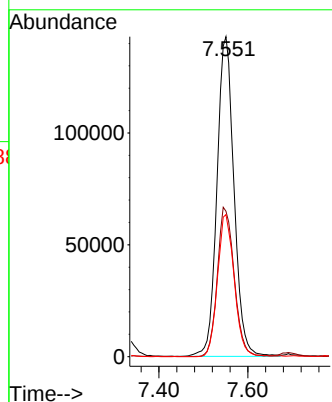
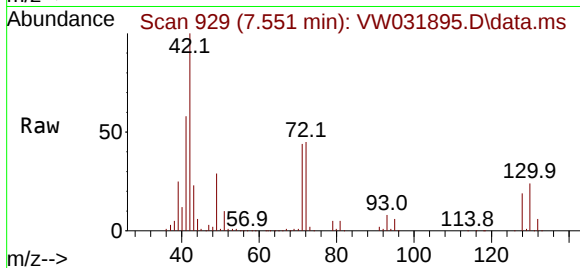
Tgt Ion: 42 Resp: 380062

Ion Ratio Lower Upper

42 100

72 46.1 37.0 55.6

71 43.6 34.5 51.7



#30

Chloroform

Concen: 99.456 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031895.D

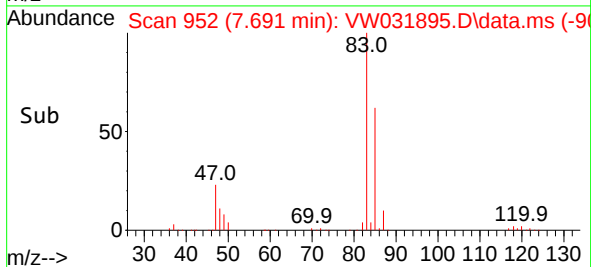
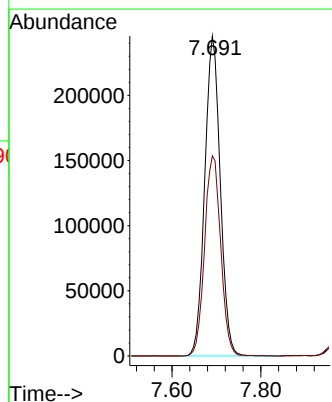
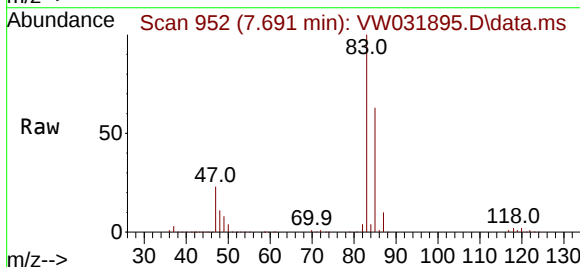
Acq: 22 Jul 2025 11:18

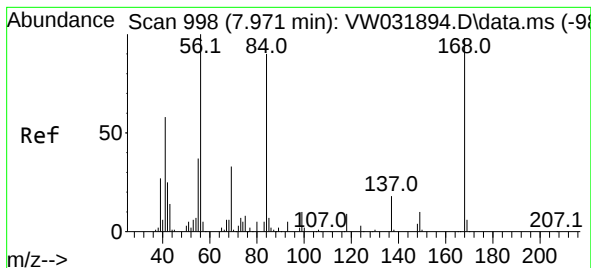
Tgt Ion: 83 Resp: 597178

Ion Ratio Lower Upper

83 100

85 62.6 52.6 78.8

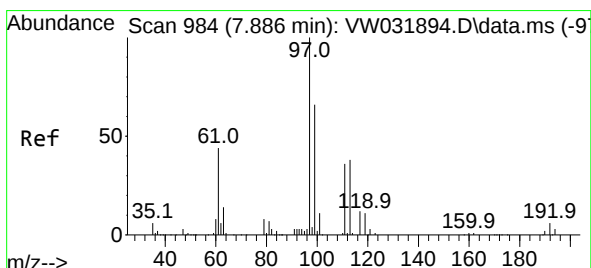
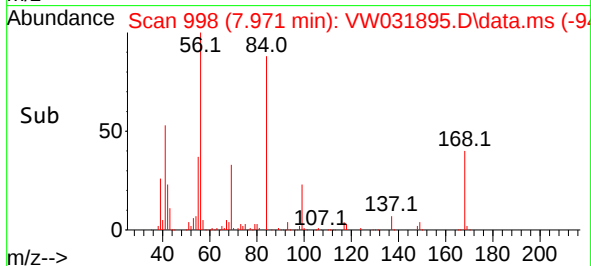
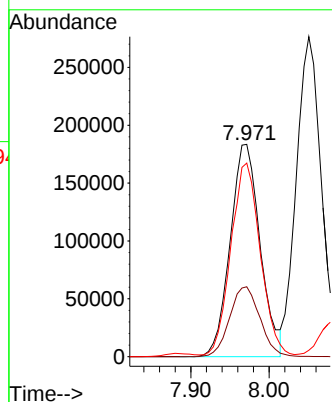
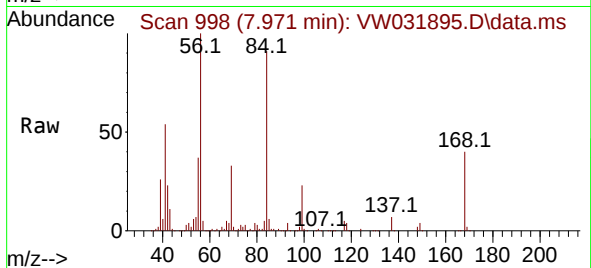




#31
Cyclohexane
Concen: 94.861 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

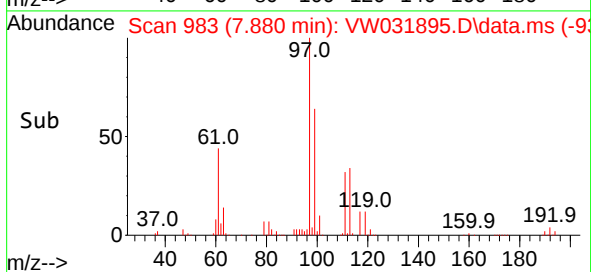
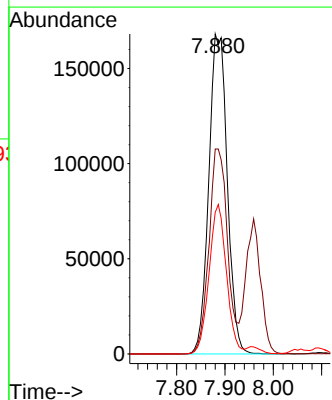
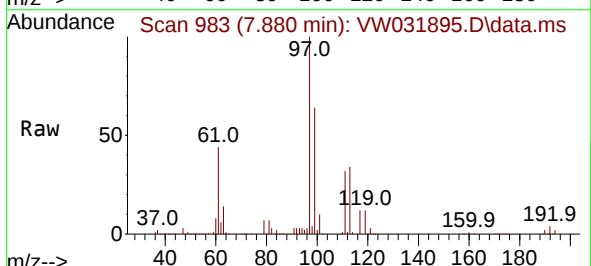
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

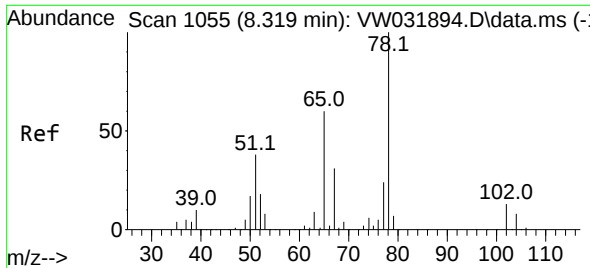
Tgt Ion: 56 Resp: 487369
Ion Ratio Lower Upper
56 100
69 32.9 26.7 40.1
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 97.836 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 97 Resp: 447021
Ion Ratio Lower Upper
97 100
99 64.8 53.0 79.4
61 44.1 35.4 53.0

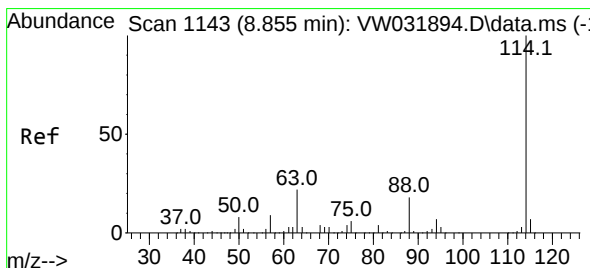
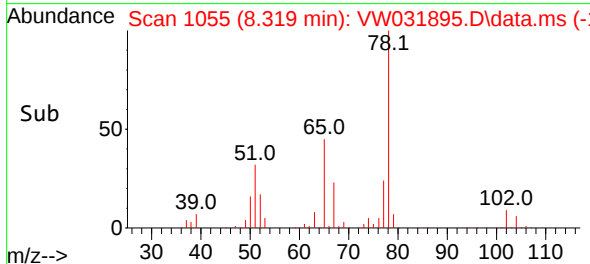
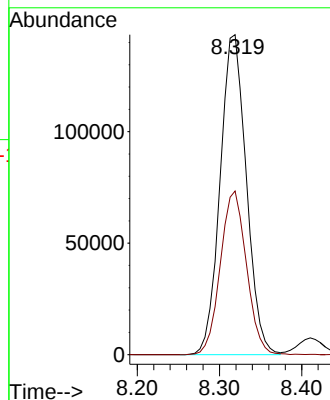
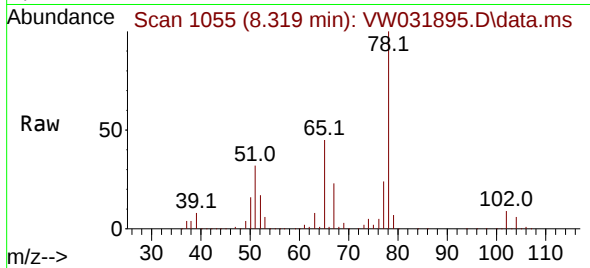




#33
 1,2-Dichloroethane-d4
 Concen: 94.854 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

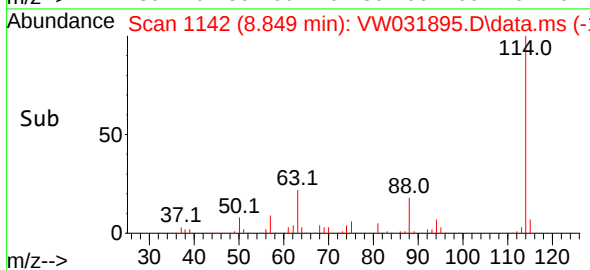
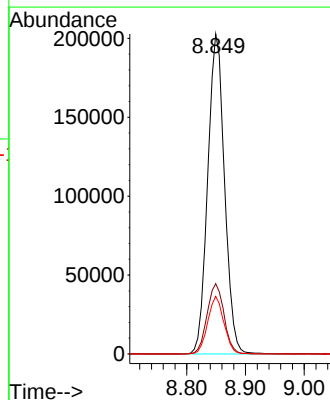
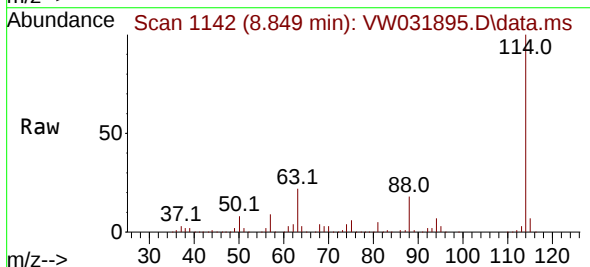
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

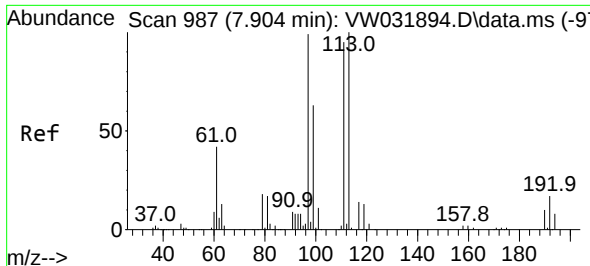
Tgt Ion: 65 Resp: 317755
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

Tgt Ion: 114 Resp: 402410
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 18.0 0.0 35.6

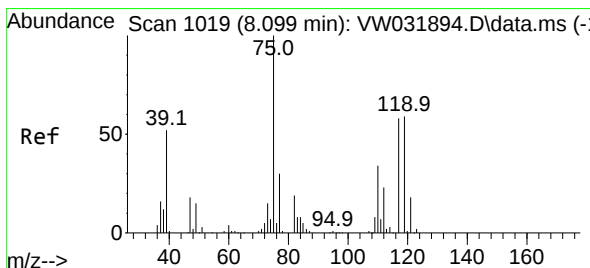
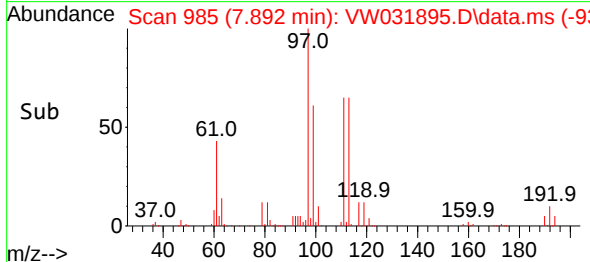
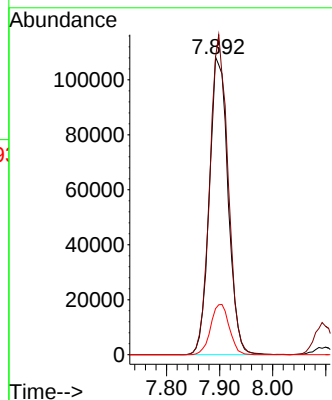
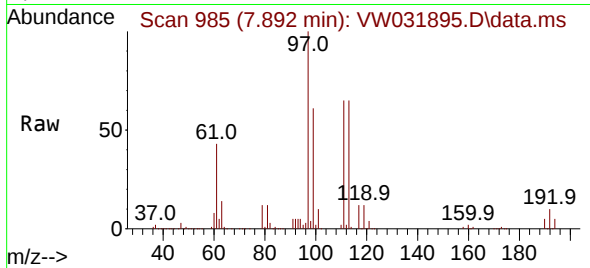




#35
Dibromofluoromethane
Concen: 97.216 ug/l
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

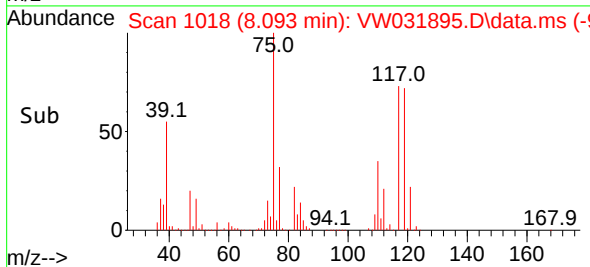
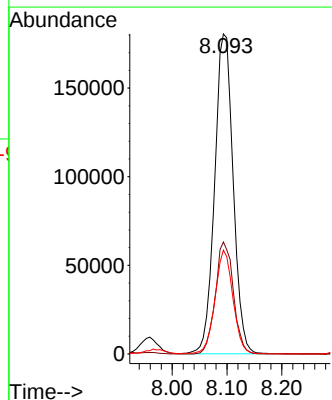
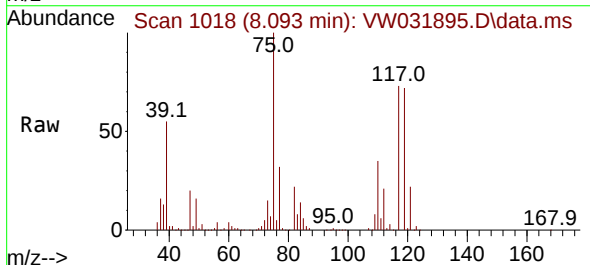
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

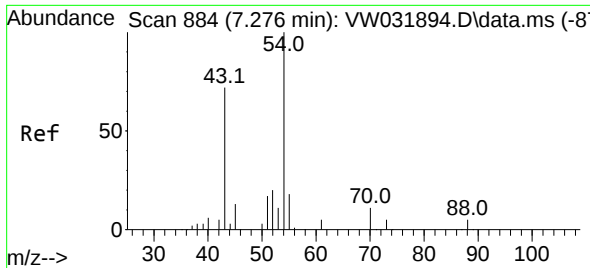
Tgt Ion:113 Resp: 265829
Ion Ratio Lower Upper
113 100
111 104.8 79.9 119.9
192 16.7 12.6 19.0



#36
1,1-Dichloropropene
Concen: 101.012 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 75 Resp: 424179
Ion Ratio Lower Upper
75 100
110 34.1 17.0 50.9
77 31.5 25.1 37.7

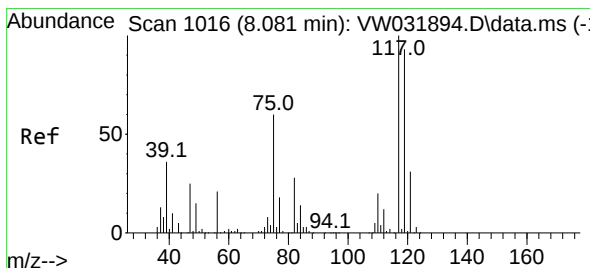
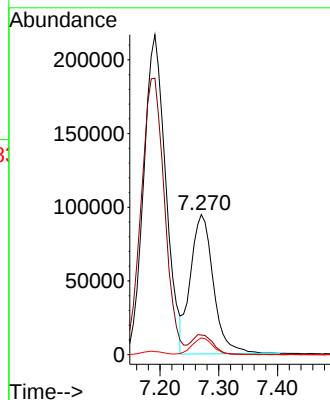
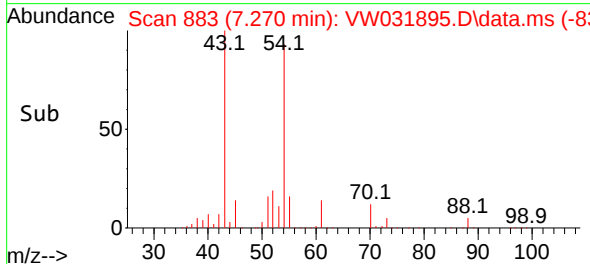
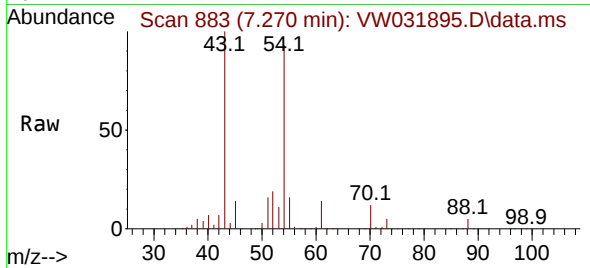




#37
Ethyl Acetate
Concen: 106.793 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

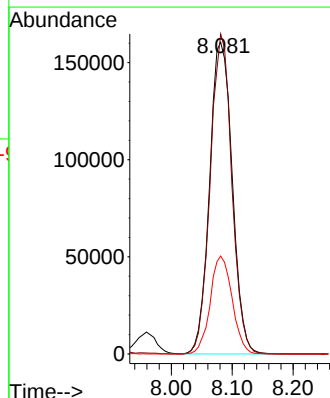
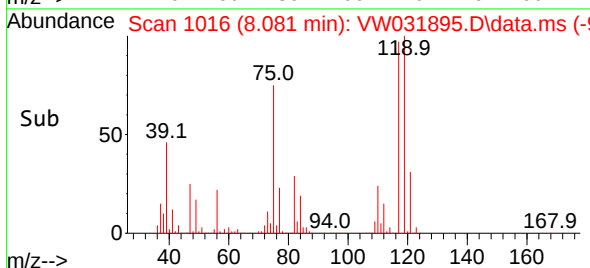
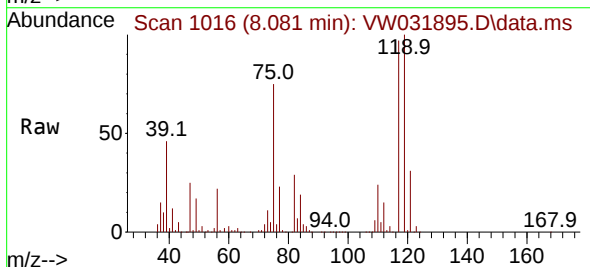
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

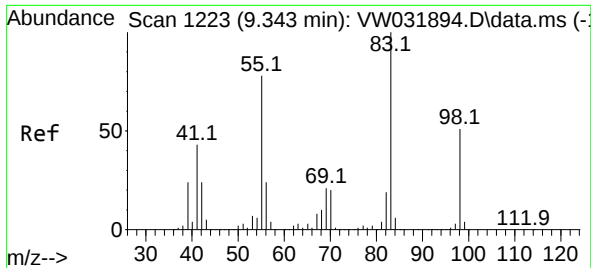
Tgt Ion: 43 Resp: 255825
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 11.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 103.155 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 117 Resp: 415729
Ion Ratio Lower Upper
117 100
119 102.7 74.3 111.5
121 31.4 24.6 37.0

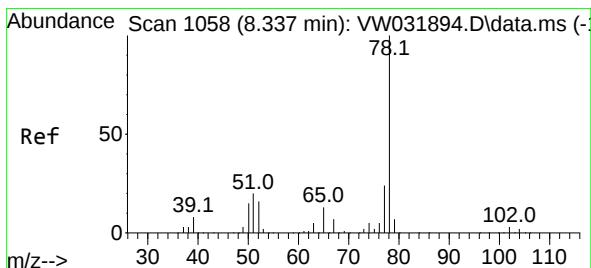
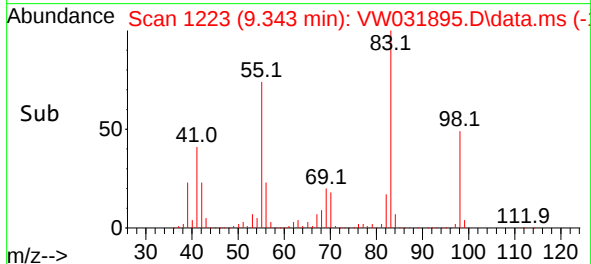
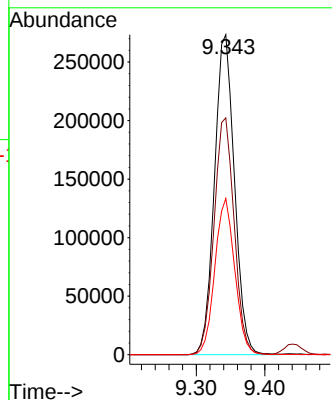
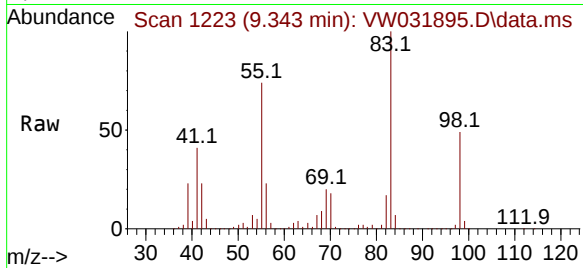




#39
Methylcyclohexane
Concen: 105.017 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

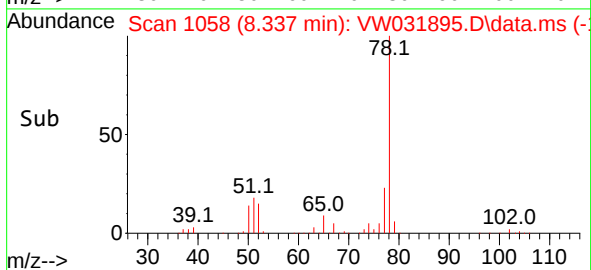
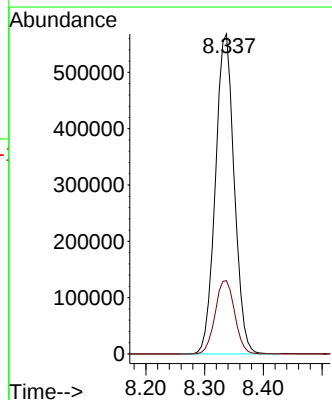
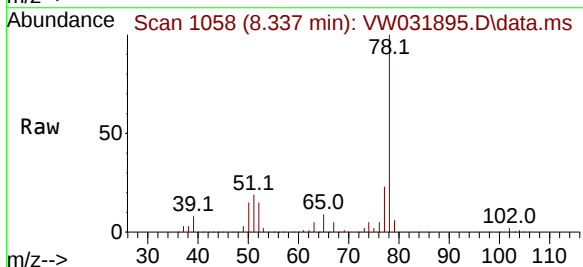
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

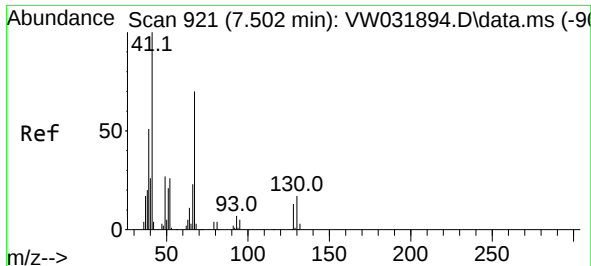
Tgt Ion: 83 Resp: 554981
Ion Ratio Lower Upper
83 100
55 74.0 62.5 93.7
98 48.8 40.6 61.0



#40
Benzene
Concen: 101.554 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 78 Resp: 1262395
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9

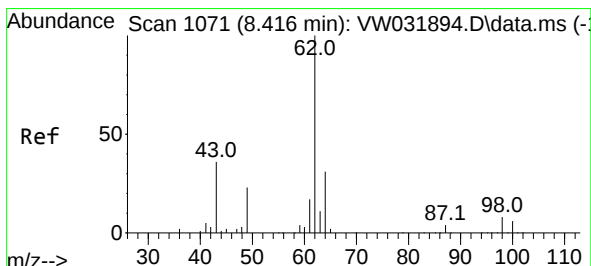
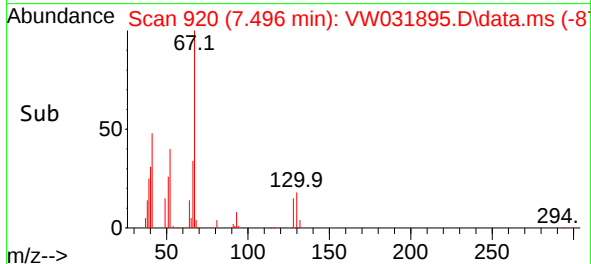
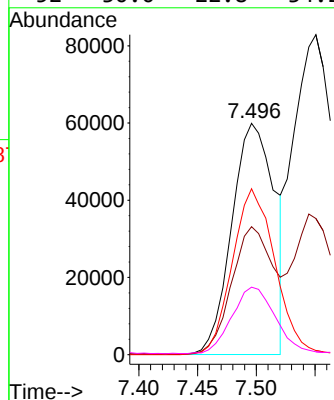
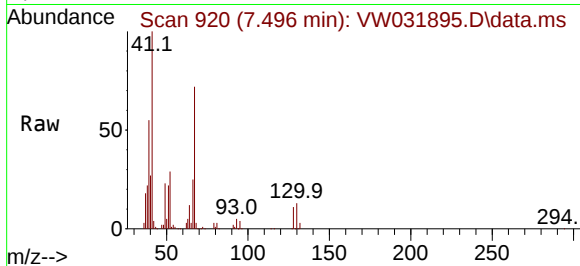




#41
Methacrylonitrile
Concen: 107.383 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

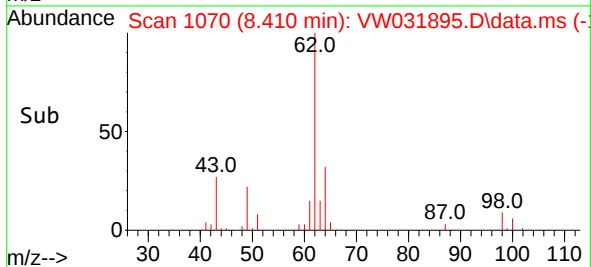
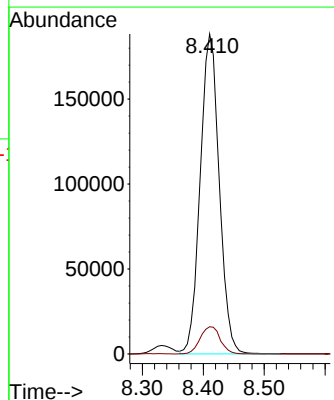
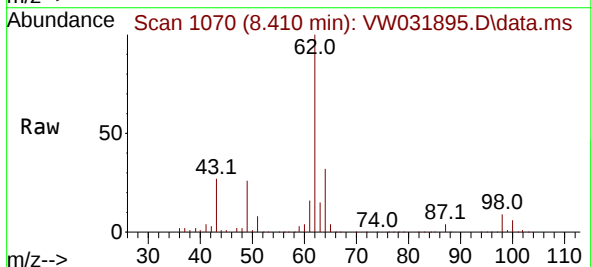
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

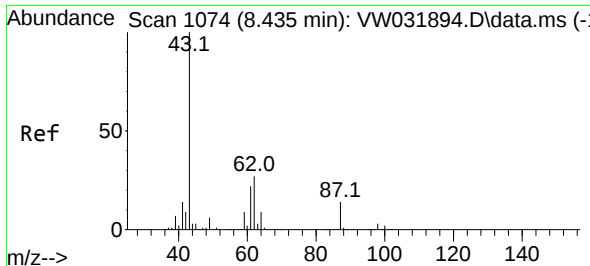
Tgt Ion: 41	Resp: 151519
Ion Ratio	Lower Upper
41 100	
39 53.7	41.1 61.7
67 72.2	56.2 84.4
52 30.0	22.8 34.2



#42
1,2-Dichloroethane
Concen: 102.578 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 62	Resp: 408100
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.2

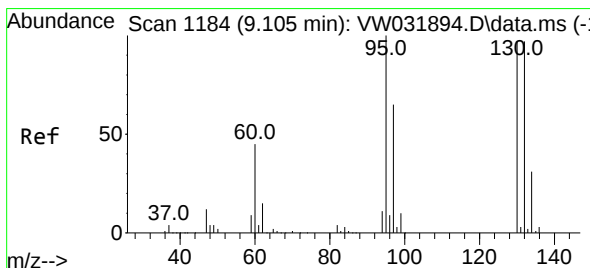
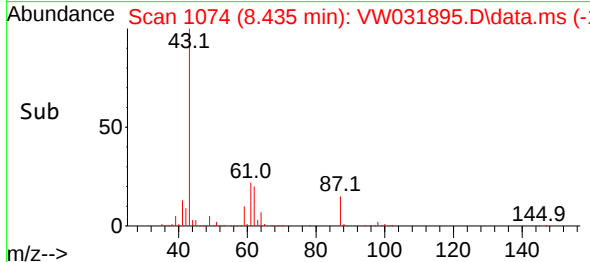
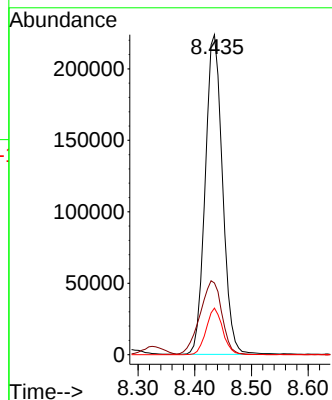
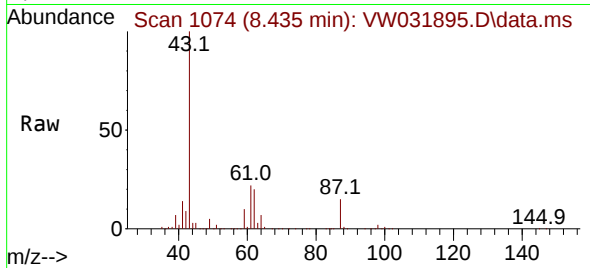




#43
Isopropyl Acetate
Concen: 109.315 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

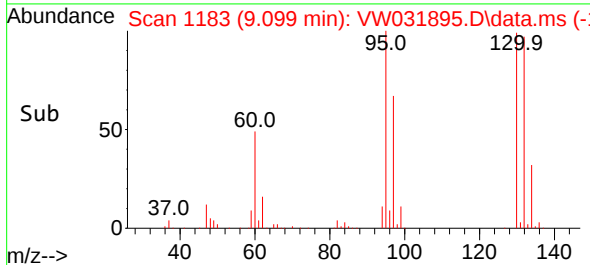
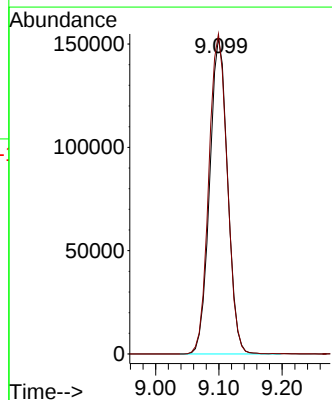
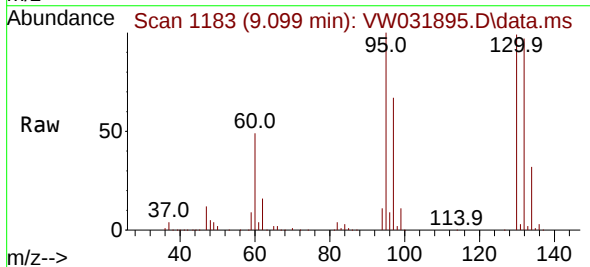
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

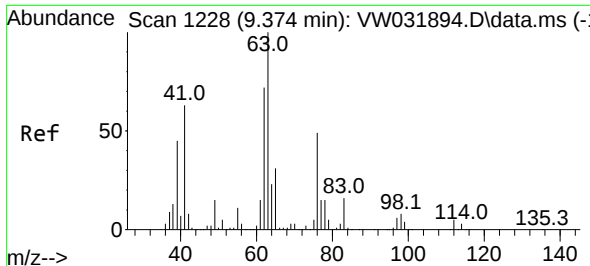
Tgt Ion: 43 Resp: 474069
Ion Ratio Lower Upper
43 100
61 29.2 24.0 36.0
87 14.0 11.1 16.7



#44
Trichloroethene
Concen: 102.011 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion:130 Resp: 301416
Ion Ratio Lower Upper
130 100
95 101.3 0.0 206.4

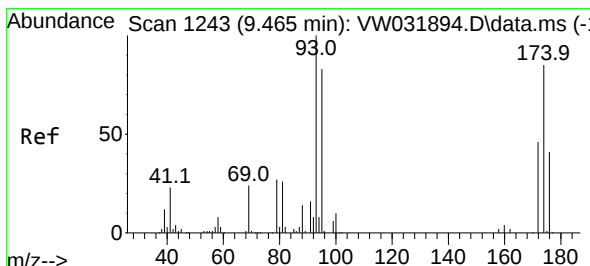
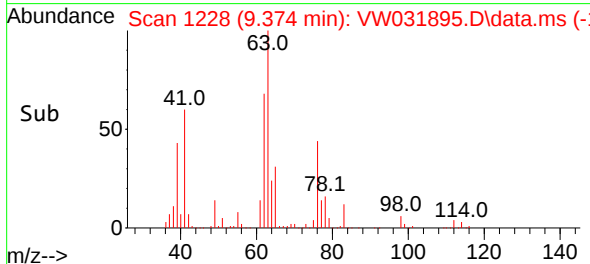
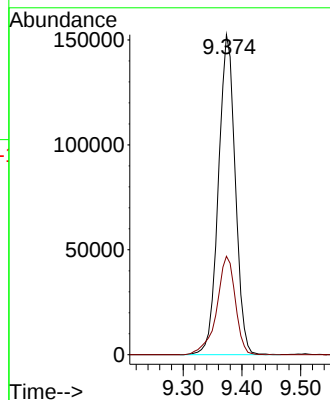
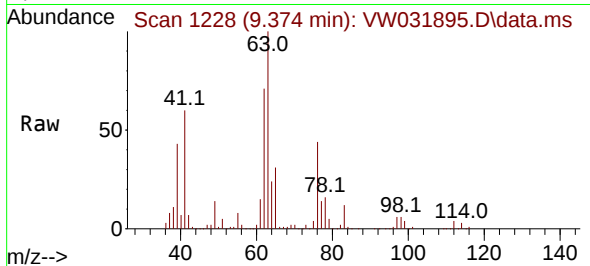




#45
1,2-Dichloropropane
Concen: 101.282 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

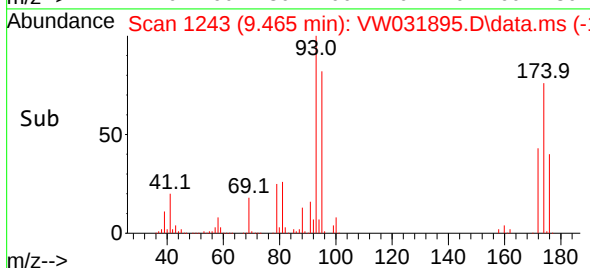
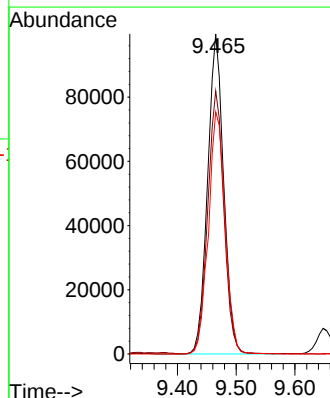
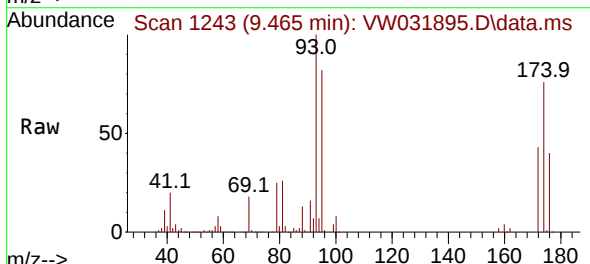
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

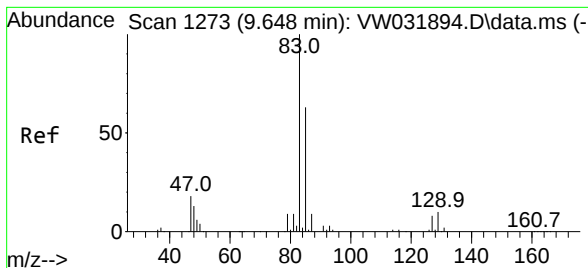
Tgt Ion: 63 Resp: 303214
Ion Ratio Lower Upper
63 100
65 30.7 25.0 37.4



#46
Dibromomethane
Concen: 102.141 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 93 Resp: 189553
Ion Ratio Lower Upper
93 100
95 83.1 65.8 98.6
174 79.0 70.2 105.2





#47

Bromodichloromethane

Concen: 105.344 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

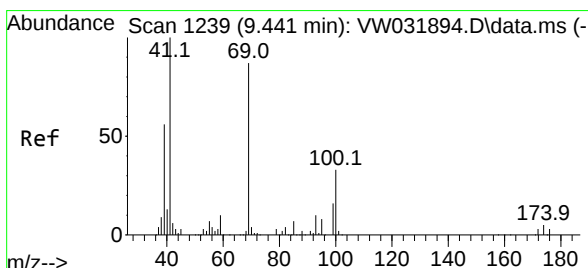
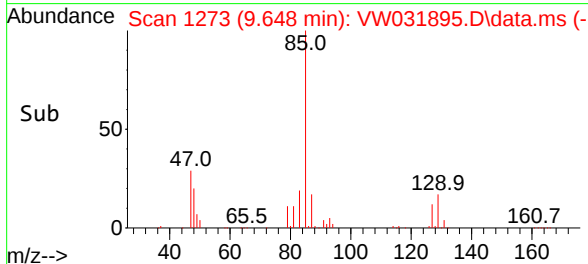
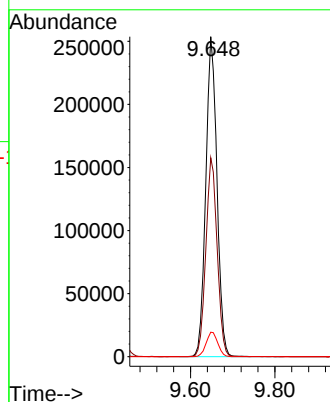
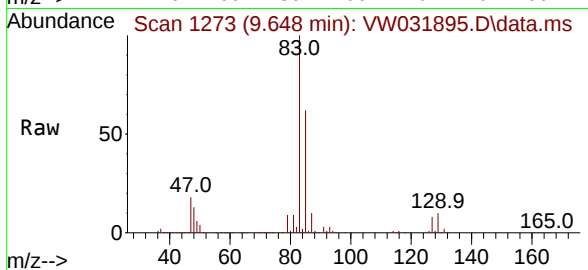
Tgt Ion: 83 Resp: 468786

Ion Ratio Lower Upper

83 100

85 62.1 50.6 76.0

127 7.7 6.5 9.7



#48

Methyl methacrylate

Concen: 109.767 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

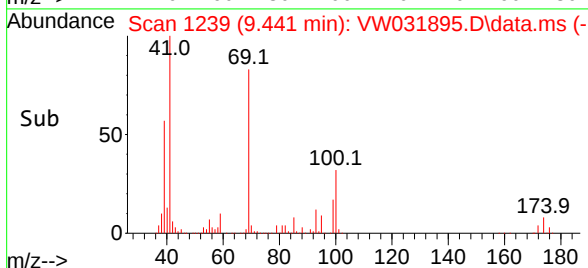
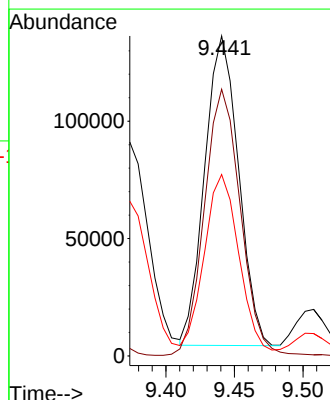
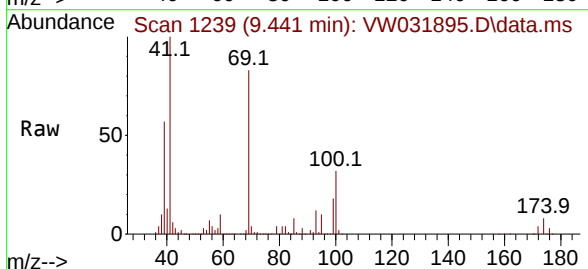
Tgt Ion: 41 Resp: 226471

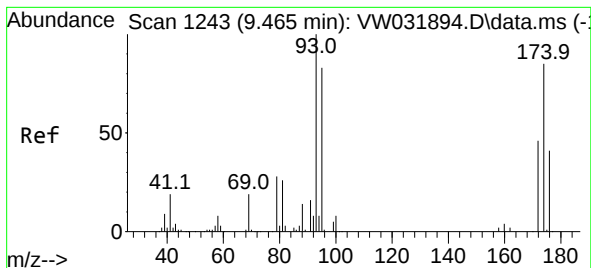
Ion Ratio Lower Upper

41 100

69 92.1 73.6 110.4

39 56.6 45.5 68.3





#49

1,4-Dioxane

Concen: 2323.819 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

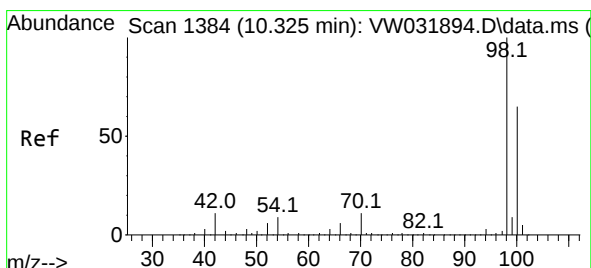
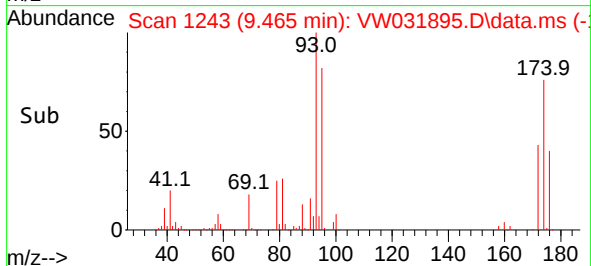
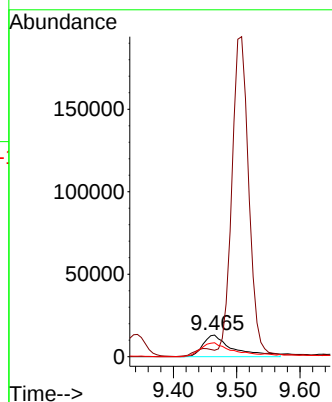
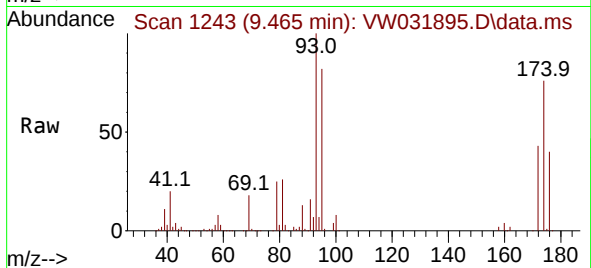
ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 43032

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.0	28.4#
58	67.7	58.2	87.2



#50

Toluene-d8

Concen: 97.904 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

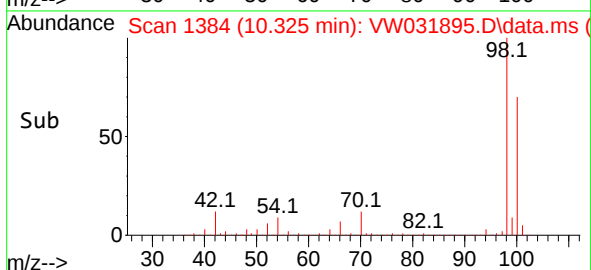
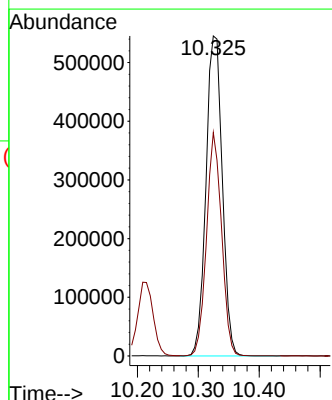
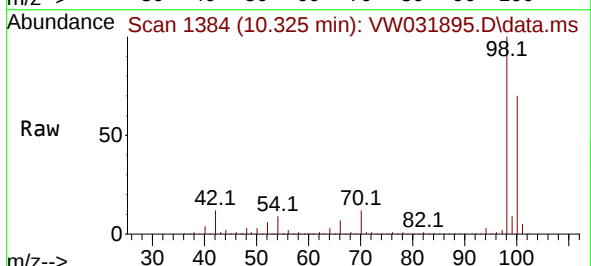
Lab File: VW031895.D

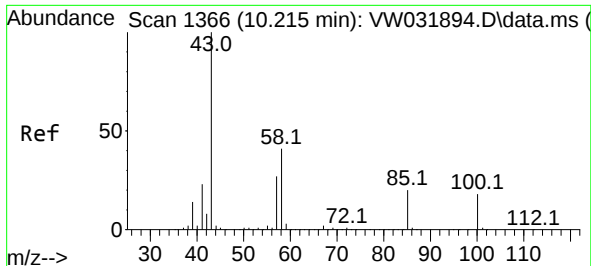
Acq: 22 Jul 2025 11:18

Tgt Ion: 98 Resp: 1013207

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5

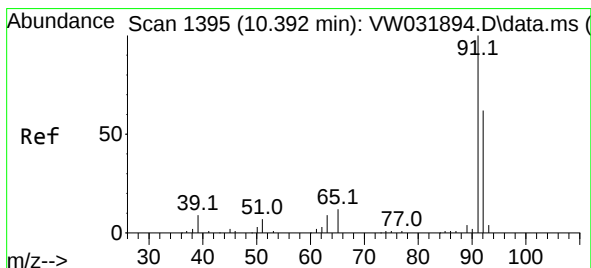
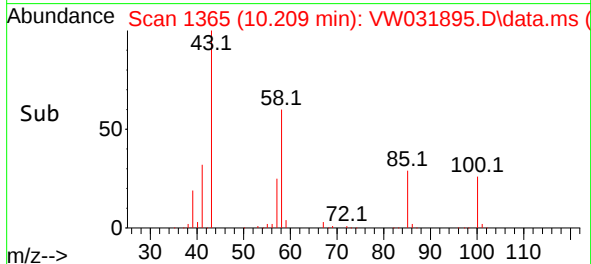
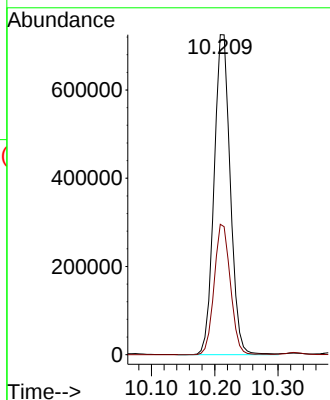
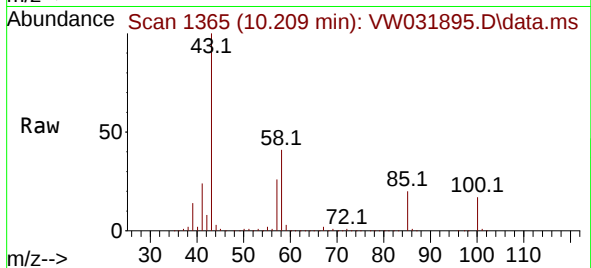




#51
4-Methyl-2-Pentanone
Concen: 542.828 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

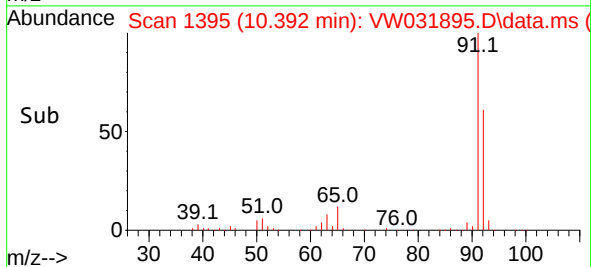
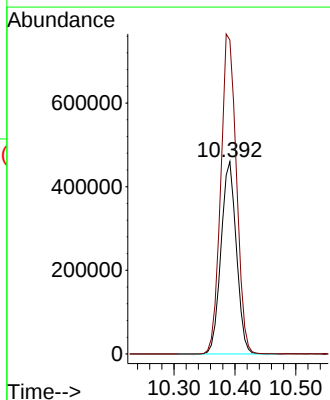
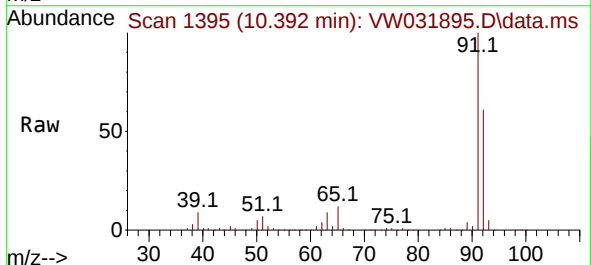
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

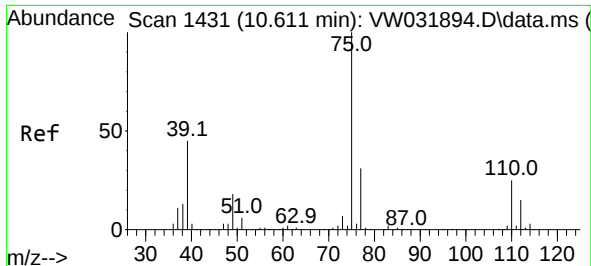
Tgt Ion: 43 Resp: 1288323
Ion Ratio Lower Upper
43 100
58 40.8 32.8 49.2



#52
Toluene
Concen: 100.537 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 92 Resp: 803397
Ion Ratio Lower Upper
92 100
91 170.2 133.7 200.5

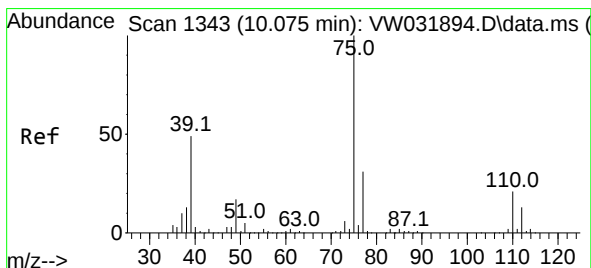
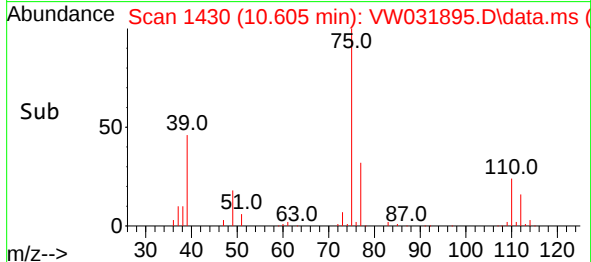
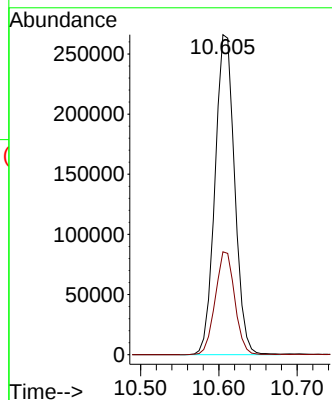
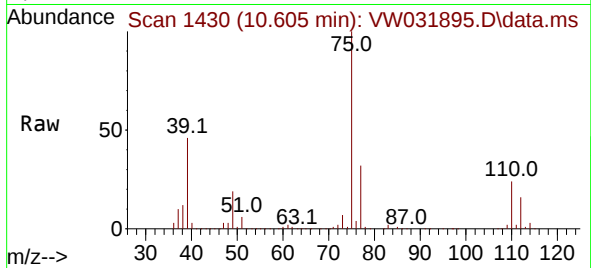




#53
 t-1,3-Dichloropropene
 Concen: 108.477 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

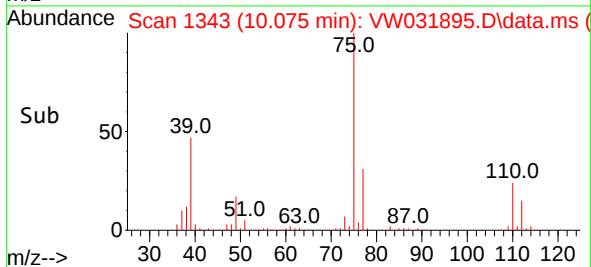
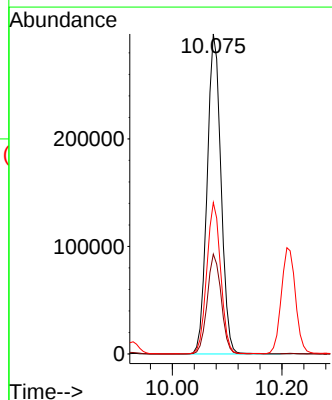
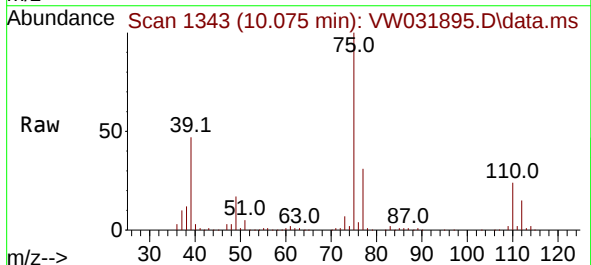
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

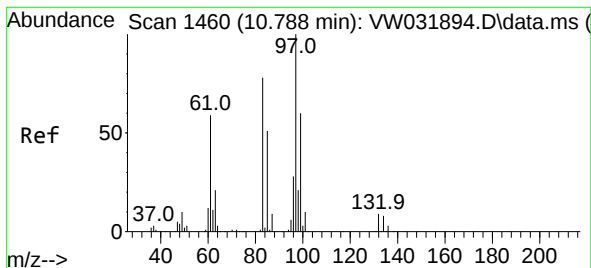
Tgt Ion: 75 Resp: 463061
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 106.602 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

Tgt Ion: 75 Resp: 519672
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.5 36.7
 39 47.3 39.3 58.9

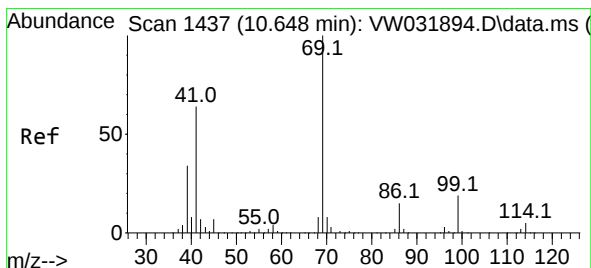
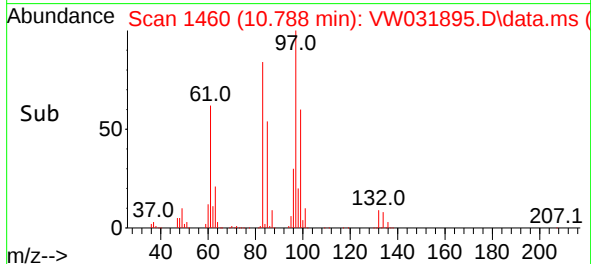
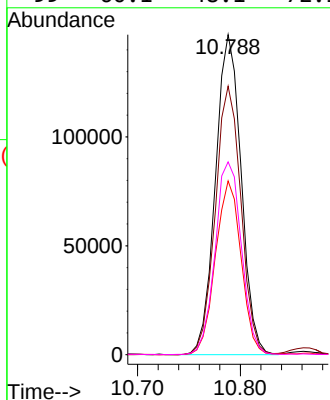
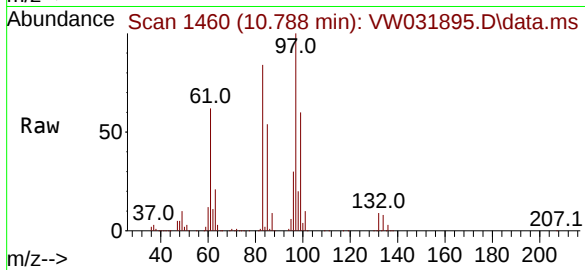




#55
1,1,2-Trichloroethane
Concen: 103.424 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

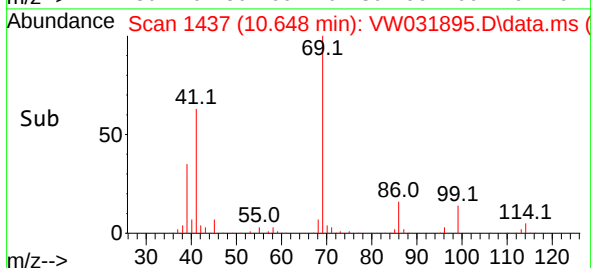
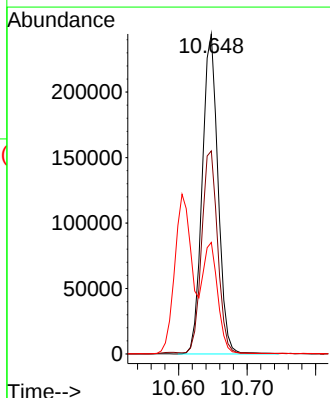
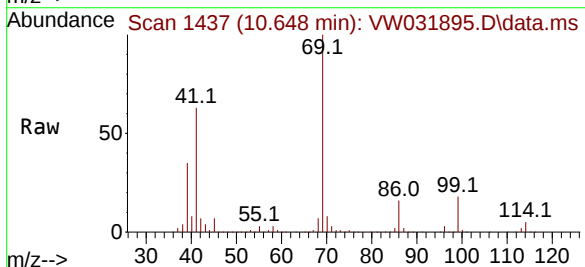
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

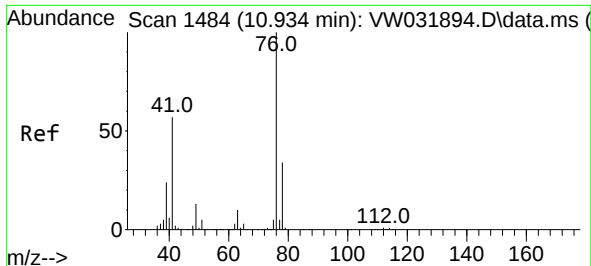
Tgt Ion: 97	Resp: 254950
Ion Ratio	Lower Upper
97 100	
83 83.9	62.4 93.6
85 54.3	41.0 61.6
99 60.1	48.1 72.1



#56
Ethyl methacrylate
Concen: 112.649 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 69	Resp: 392187
Ion Ratio	Lower Upper
69 100	
41 64.2	52.0 78.0
39 32.1	26.6 40.0





#57

1,3-Dichloropropane

Concen: 104.643 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

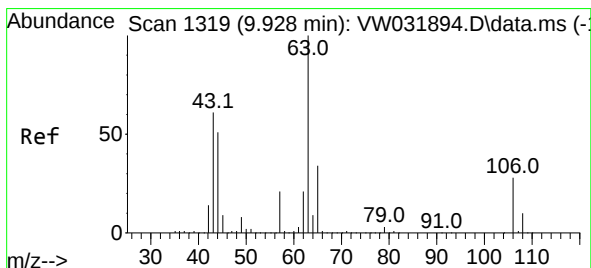
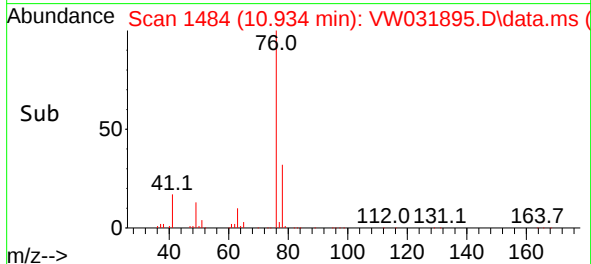
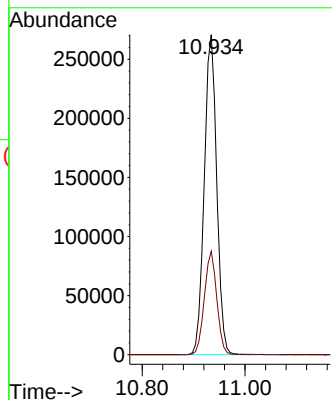
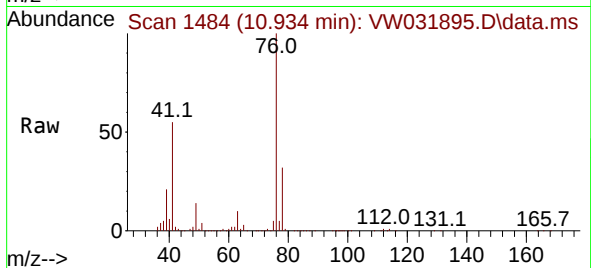
VSTDIC100

Tgt Ion: 76 Resp: 454447

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 548.592 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031895.D

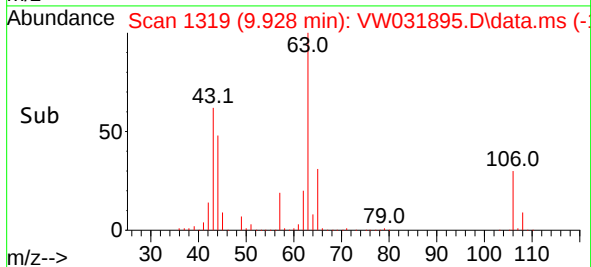
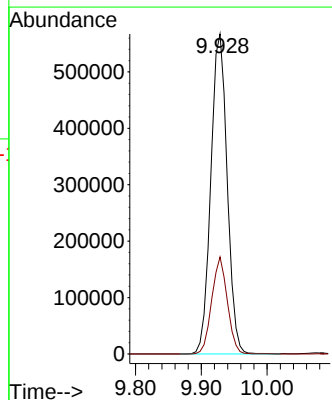
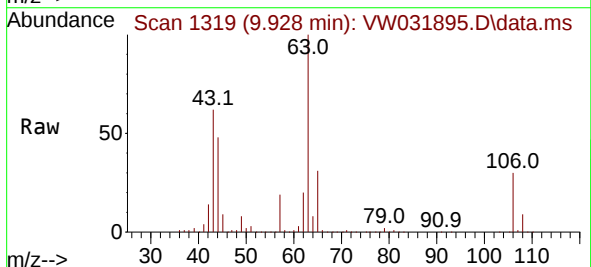
Acq: 22 Jul 2025 11:18

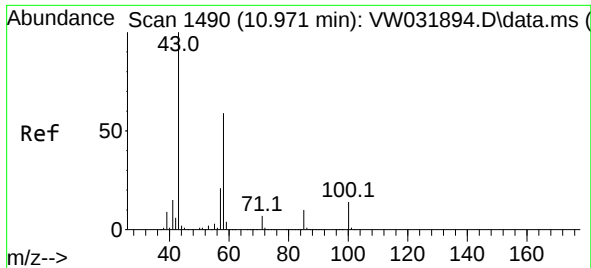
Tgt Ion: 63 Resp: 981034

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1

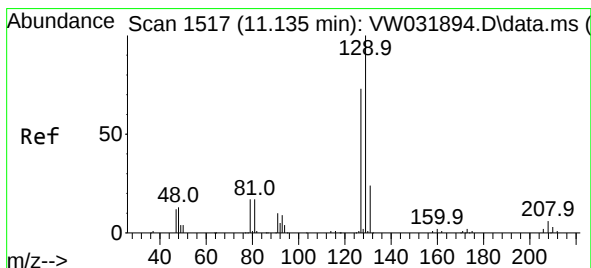
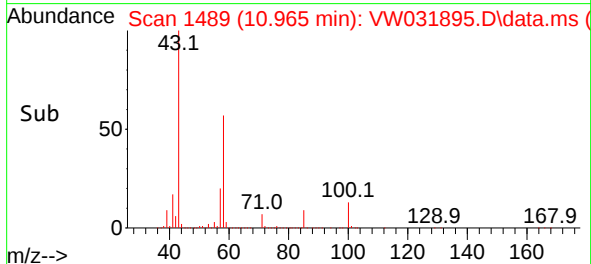
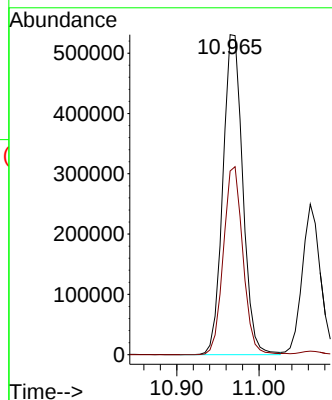
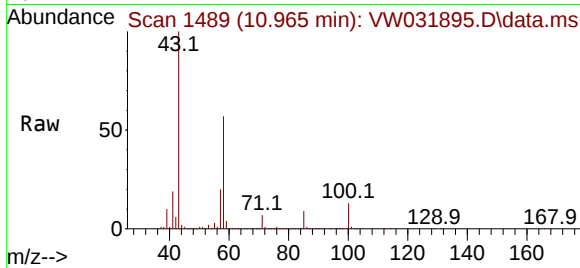




#59
2-Hexanone
Concen: 541.101 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

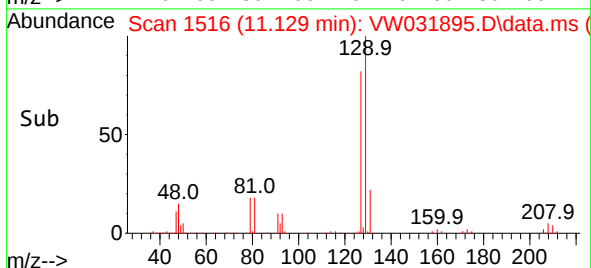
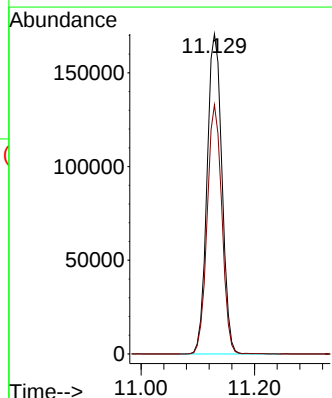
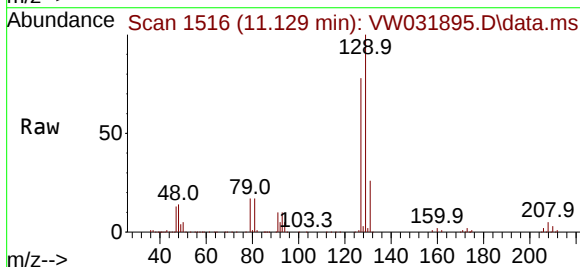
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

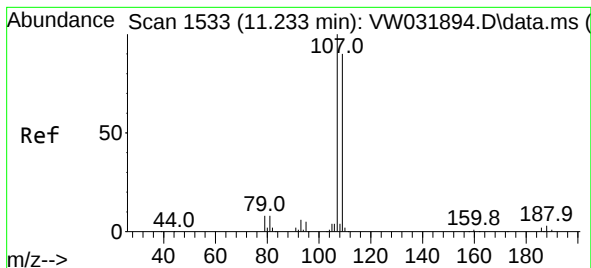
Tgt Ion: 43 Resp: 892662
Ion Ratio Lower Upper
43 100
58 57.8 28.5 85.6



#60
Dibromochloromethane
Concen: 108.191 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion:129 Resp: 310954
Ion Ratio Lower Upper
129 100
127 76.7 39.6 118.8

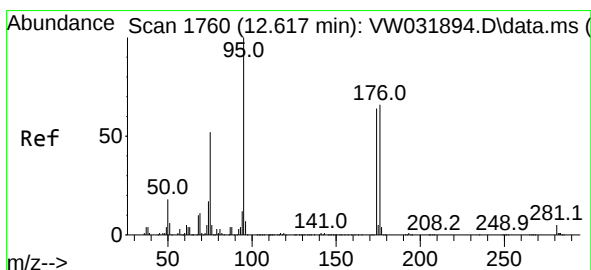
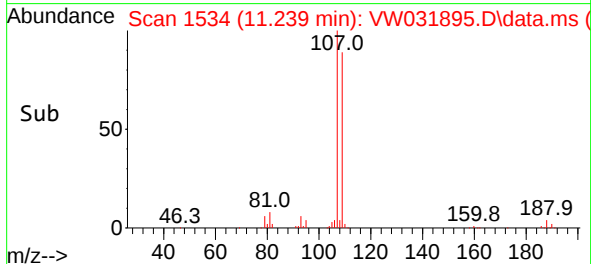
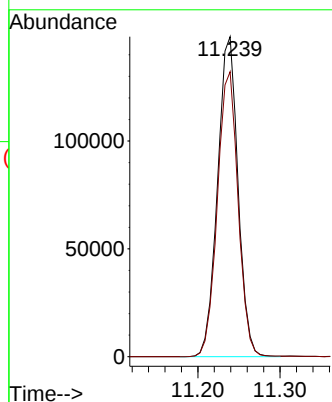
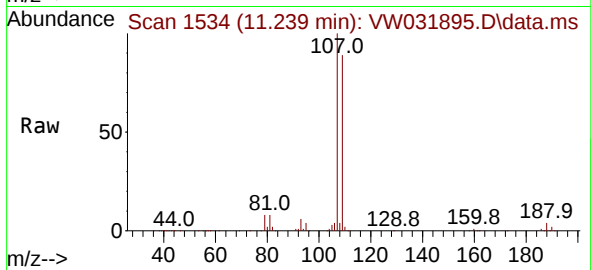




#61
1,2-Dibromoethane
Concen: 105.093 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

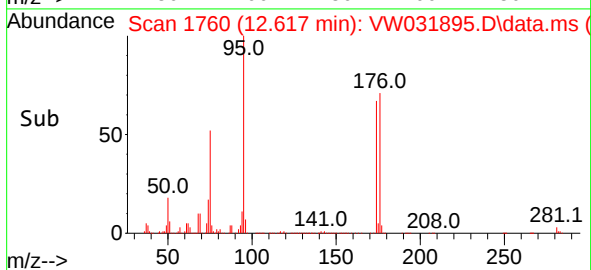
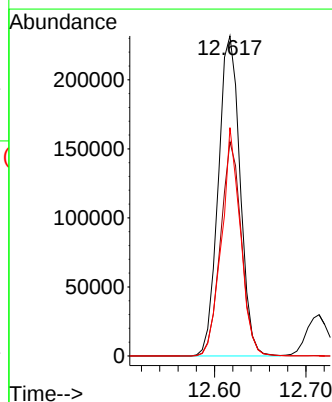
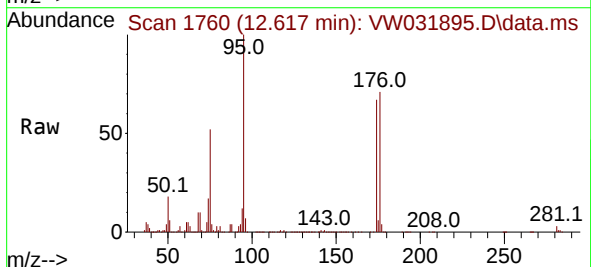
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

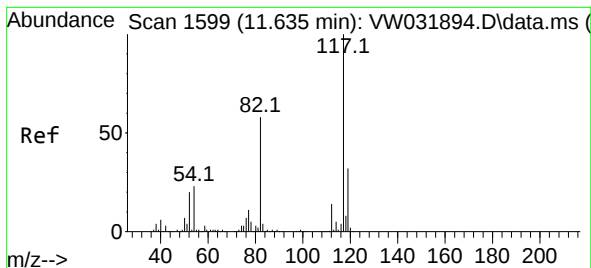
Tgt Ion:107 Resp: 255989
Ion Ratio Lower Upper
107 100
109 90.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 96.494 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 95 Resp: 383449
Ion Ratio Lower Upper
95 100
174 64.4 0.0 129.8
176 61.8 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

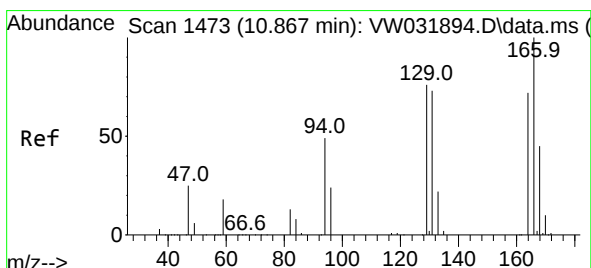
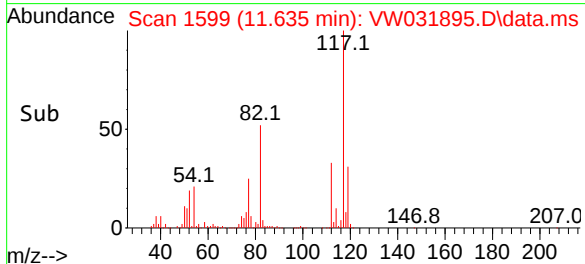
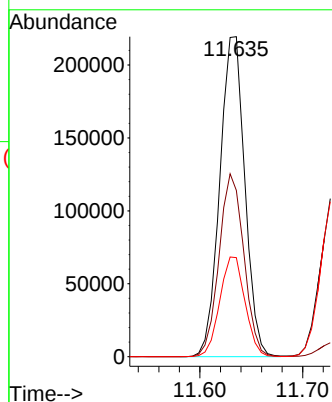
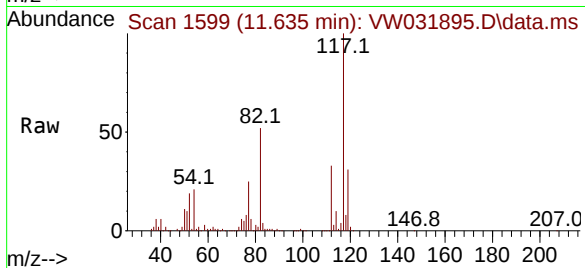
Tgt Ion:117 Resp: 371635

Ion Ratio Lower Upper

117 100

82 51.9 46.5 69.7

119 30.9 25.8 38.6



#64

Tetrachloroethene

Concen: 96.662 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Tgt Ion:164 Resp: 236845

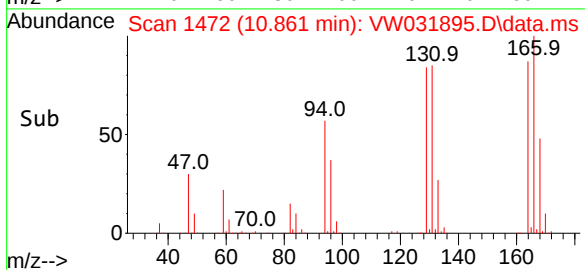
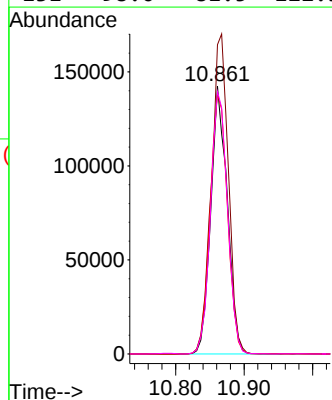
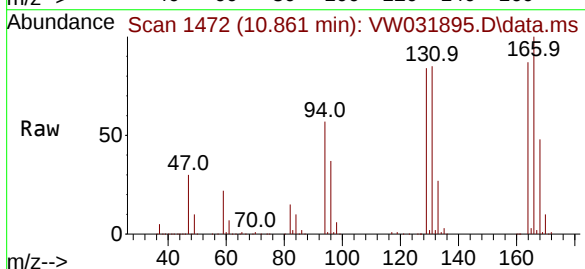
Ion Ratio Lower Upper

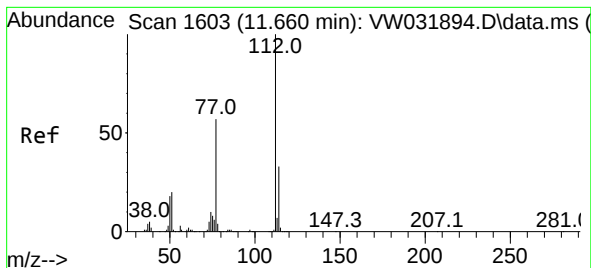
164 100

166 115.5 111.5 167.3

129 96.9 85.1 127.7

131 98.0 81.5 122.3





#65

Chlorobenzene

Concen: 97.499 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

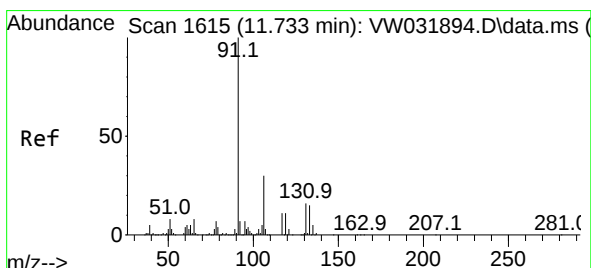
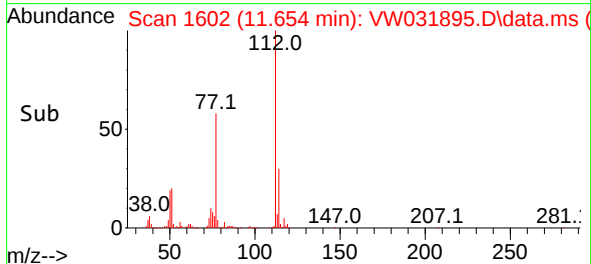
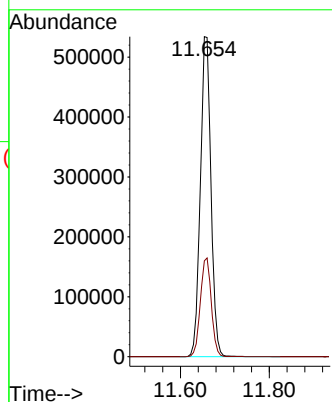
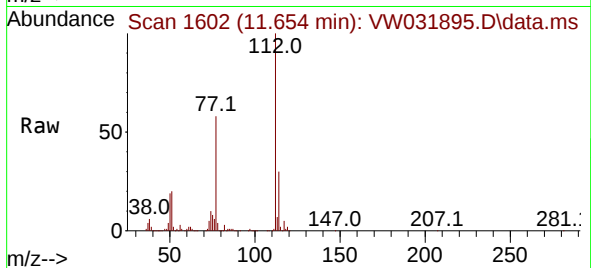
VSTDICC100

Tgt Ion:112 Resp: 886811

Ion Ratio Lower Upper

112 100

114 30.0 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 99.339 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

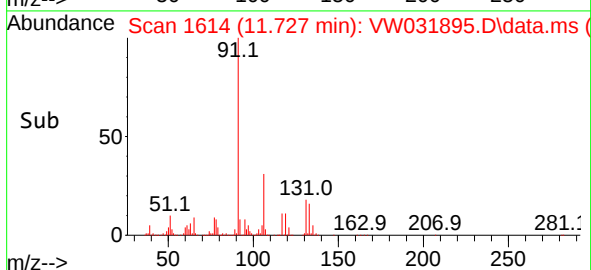
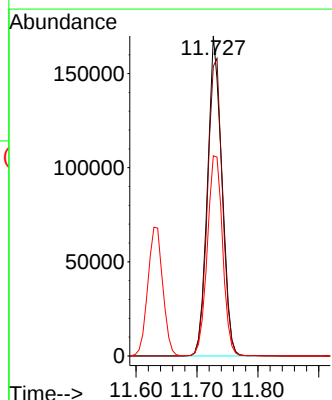
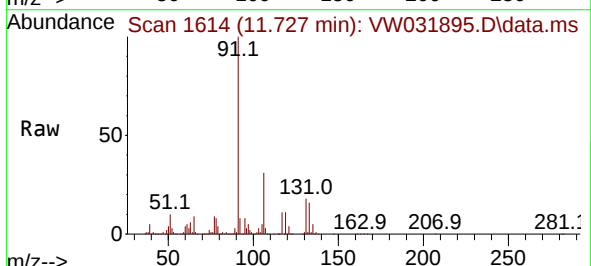
Tgt Ion:131 Resp: 280110

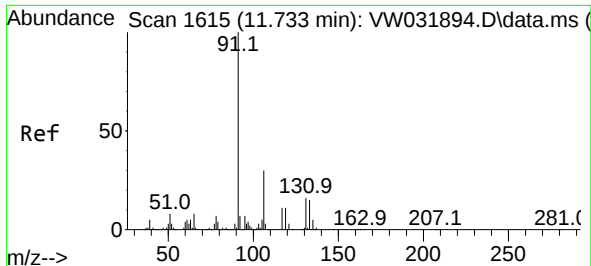
Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.4

119 66.4 33.7 101.1





#67

Ethyl Benzene

Concen: 97.646 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

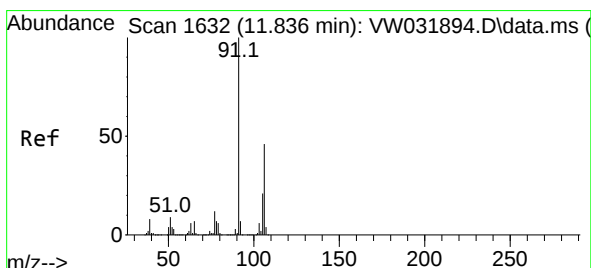
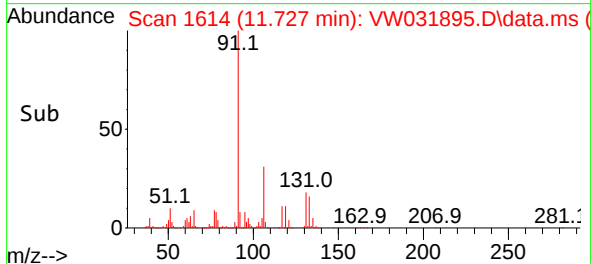
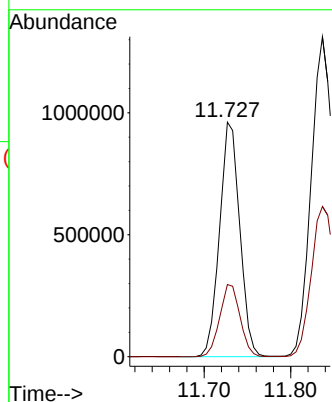
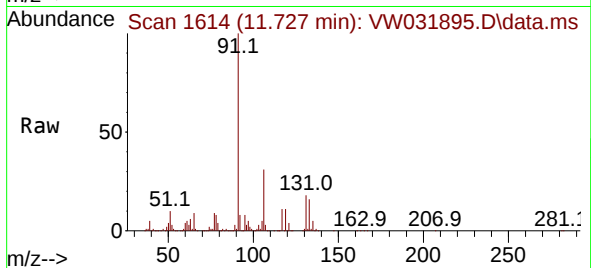
VSTDIC100

Tgt Ion: 91 Resp: 1560463

Ion Ratio Lower Upper

91 100

106 30.8 23.8 35.6



#68

m/p-Xylenes

Concen: 196.185 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031895.D

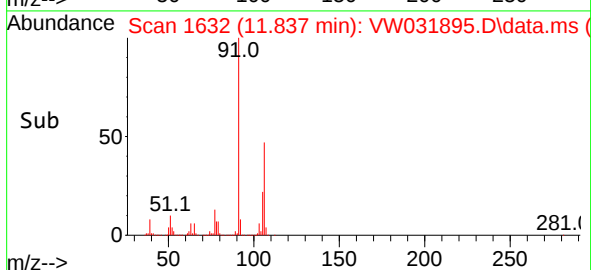
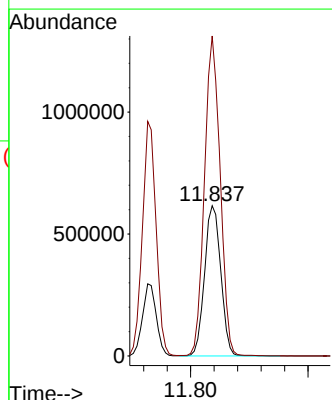
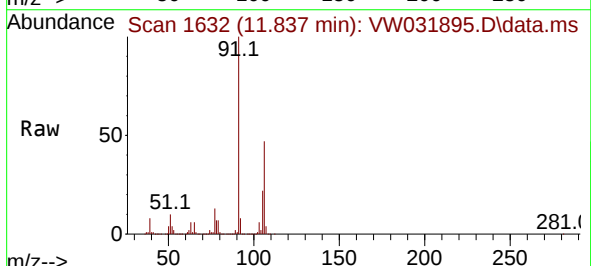
Acq: 22 Jul 2025 11:18

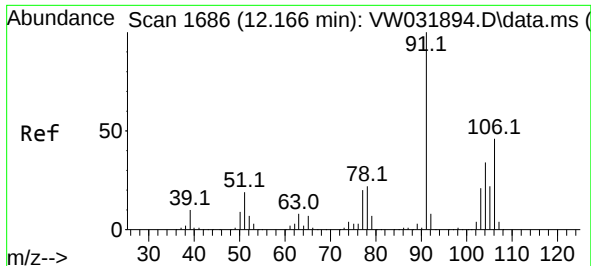
Tgt Ion:106 Resp: 1180270

Ion Ratio Lower Upper

106 100

91 206.6 167.7 251.5

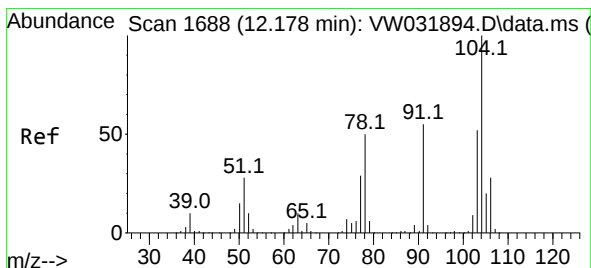
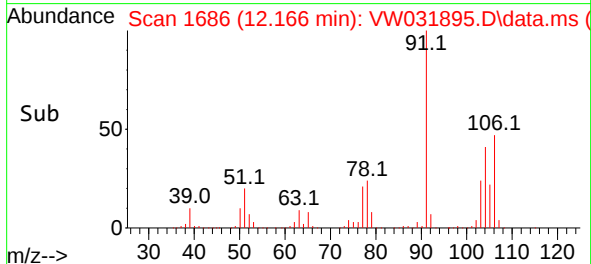
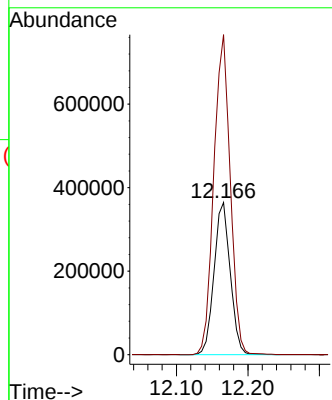
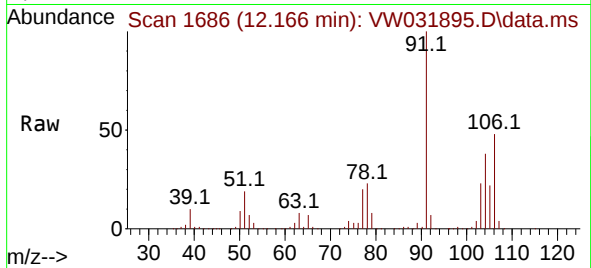




#69
o-Xylene
Concen: 100.449 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

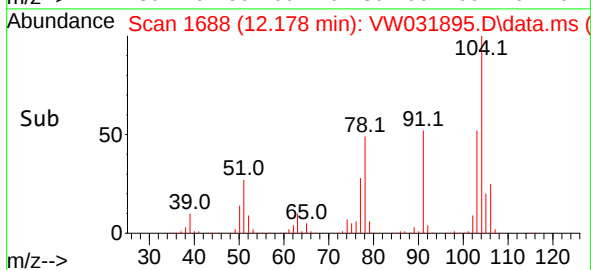
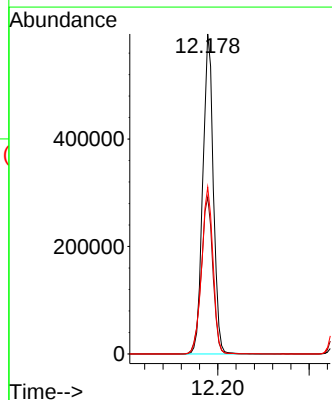
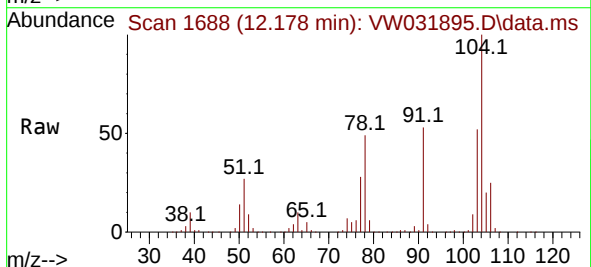
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

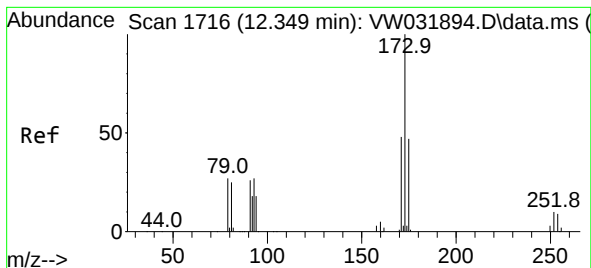
Tgt Ion:106 Resp: 571902
Ion Ratio Lower Upper
106 100
91 213.9 108.2 324.6



#70
Styrene
Concen: 97.850 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion:104 Resp: 948526
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.4
103 56.4 42.8 64.2





#71

Bromoform

Concen: 107.703 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

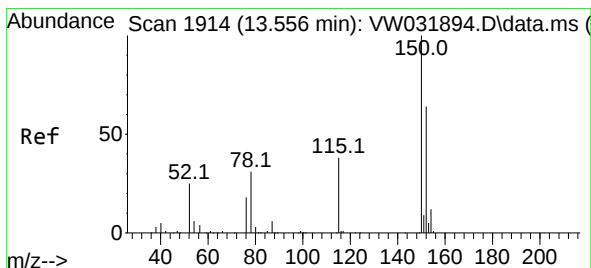
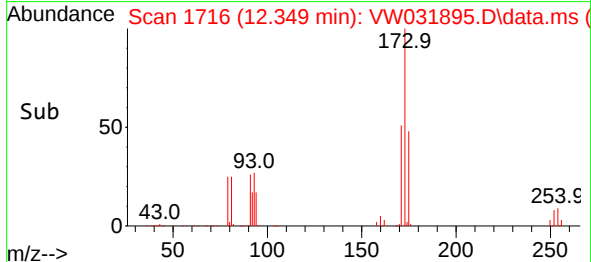
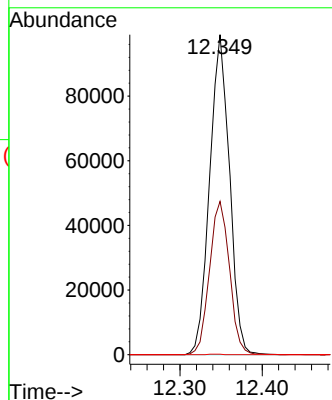
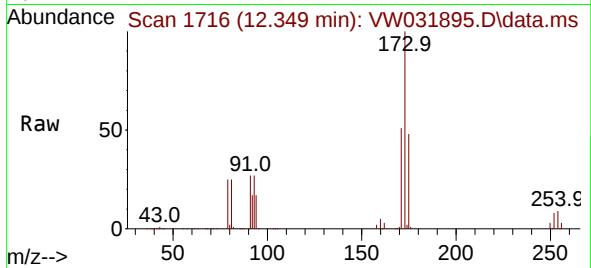
Tgt Ion:173 Resp: 166090

Ion Ratio Lower Upper

173 100

175 48.2 24.5 73.5

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

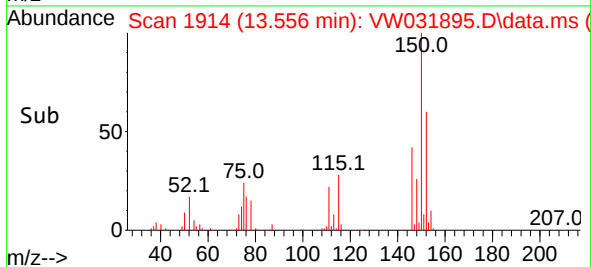
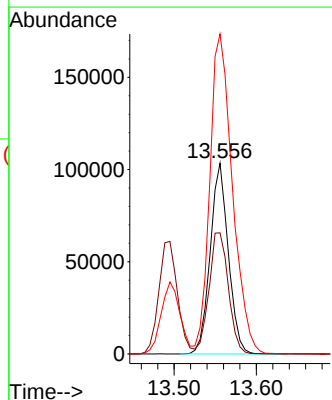
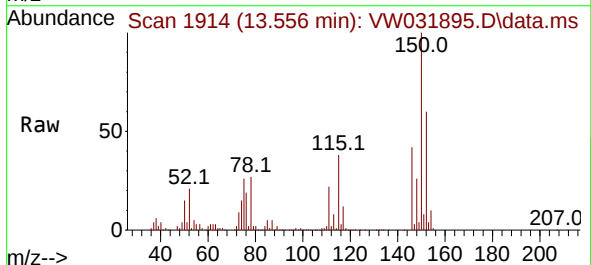
Tgt Ion:152 Resp: 158257

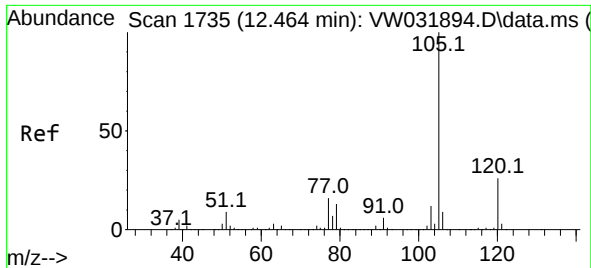
Ion Ratio Lower Upper

152 100

115 67.7 33.4 100.1

150 209.5 0.0 352.2

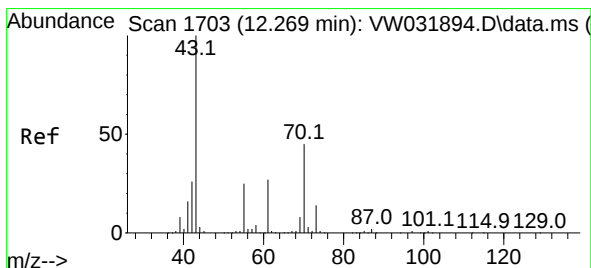
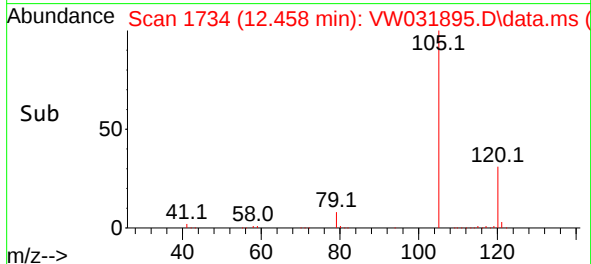
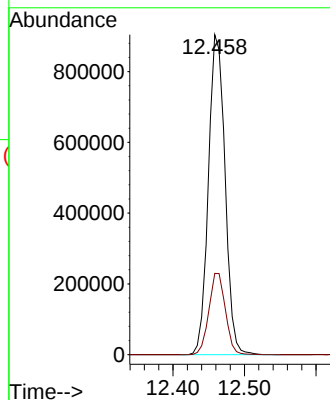
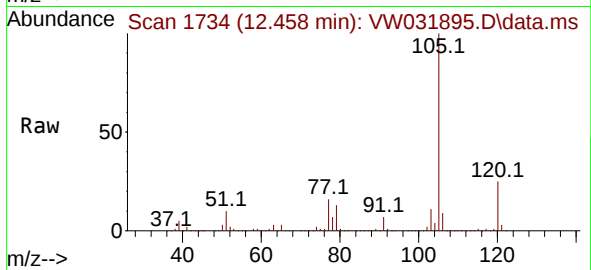




#73
Isopropylbenzene
Concen: 106.348 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

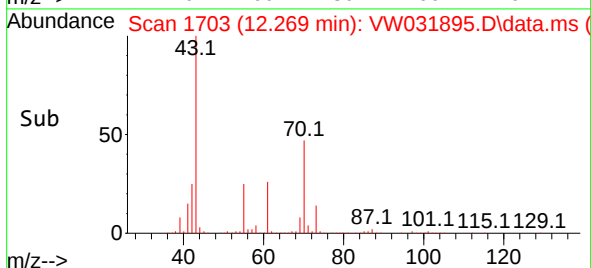
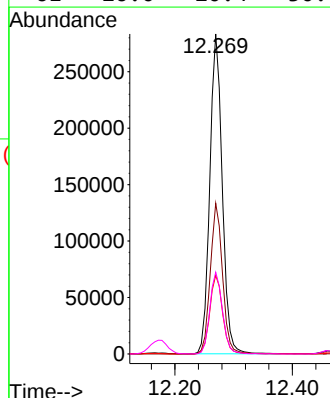
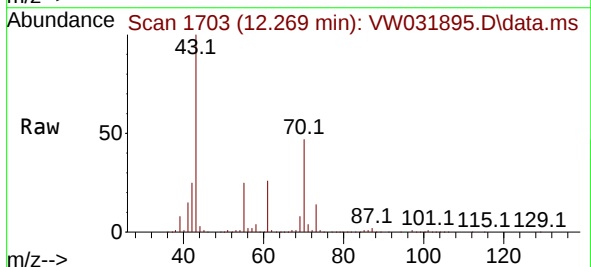
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

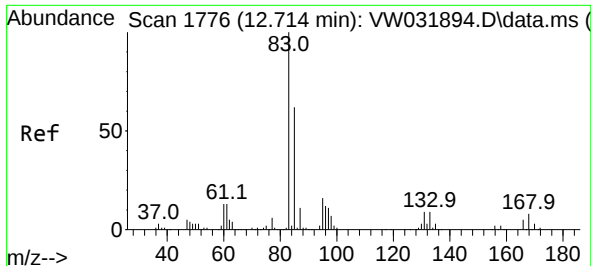
Tgt Ion:105 Resp: 1460308
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8



#74
N-ethyl acetate
Concen: 112.451 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 43 Resp: 417442
Ion Ratio Lower Upper
43 100
70 46.4 36.6 55.0
55 25.4 20.7 31.1
61 26.0 20.4 30.6

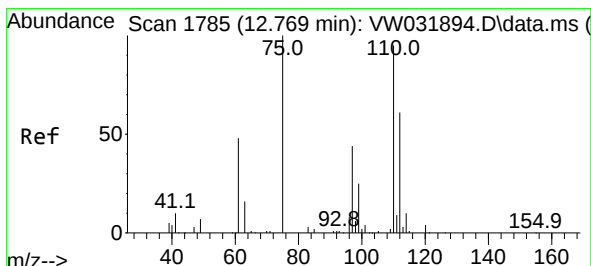
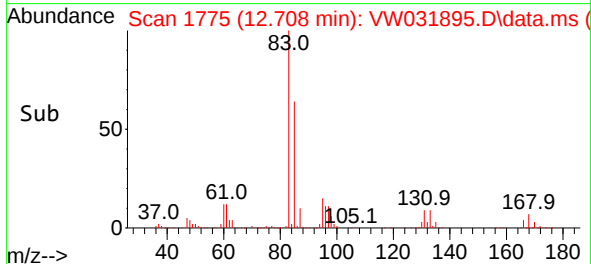
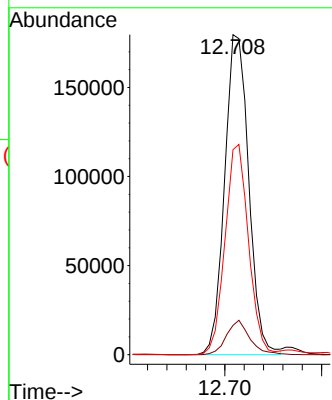
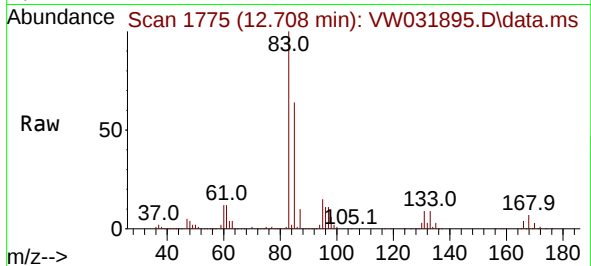




#75
1,1,2,2-Tetrachloroethane
Concen: 106.608 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

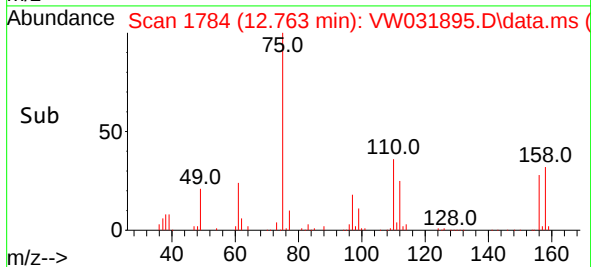
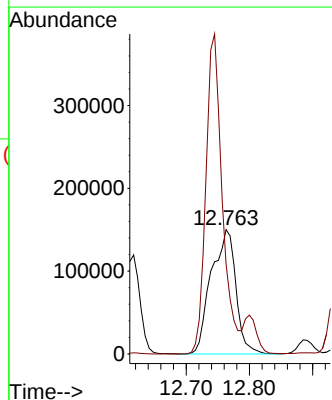
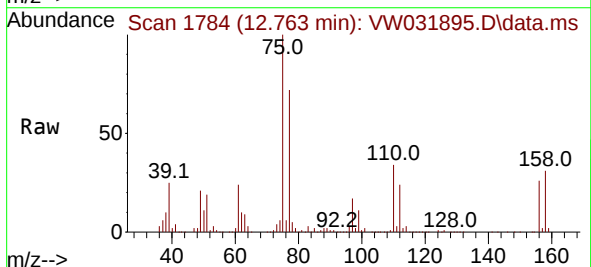
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

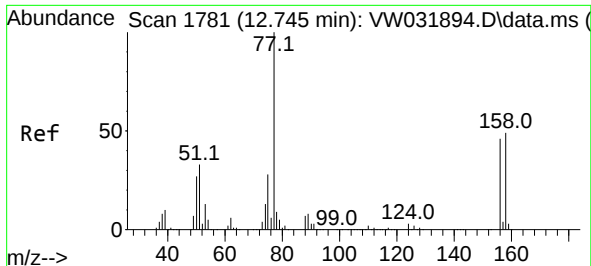
Tgt Ion: 83 Resp: 310725
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 187.218 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 75 Resp: 405634
Ion Ratio Lower Upper
75 100
77 170.8 0.0 0.0#

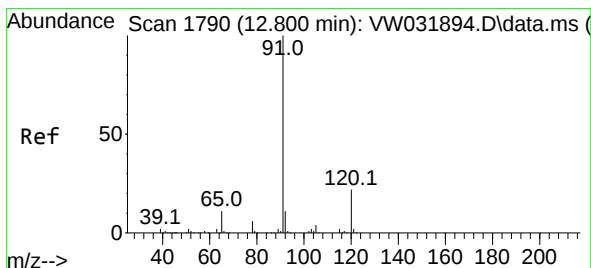
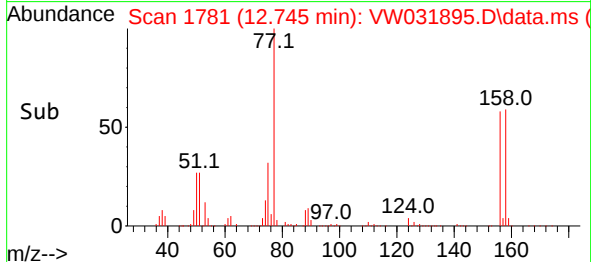
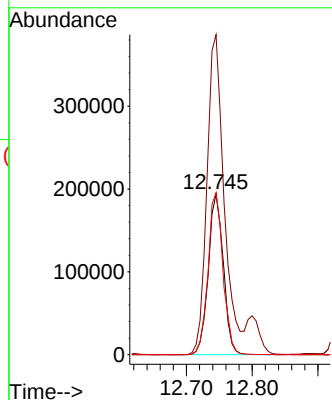
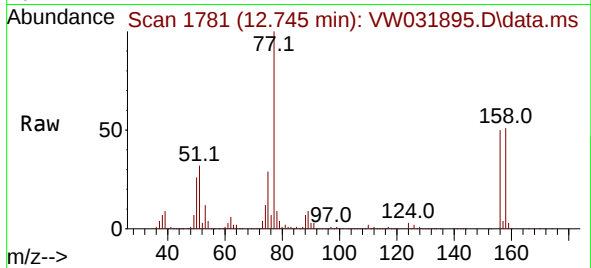




#77
Bromobenzene
Concen: 103.725 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

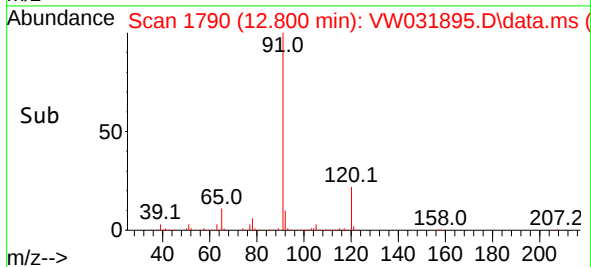
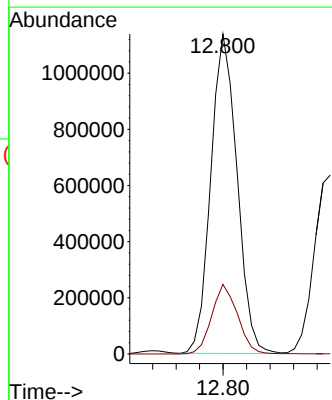
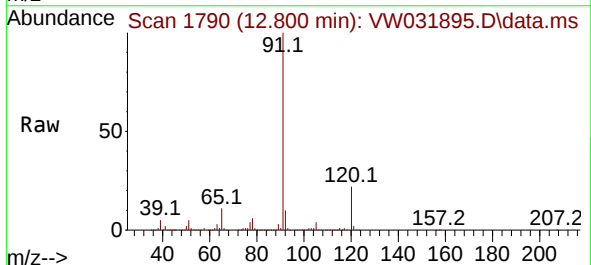
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

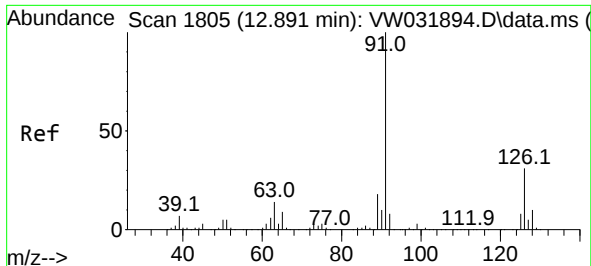
Tgt Ion:156 Resp: 308168
Ion Ratio Lower Upper
156 100
77 224.9 115.3 345.8
158 101.0 50.1 150.3



#78
n-propylbenzene
Concen: 104.679 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 91 Resp: 1765379
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.6

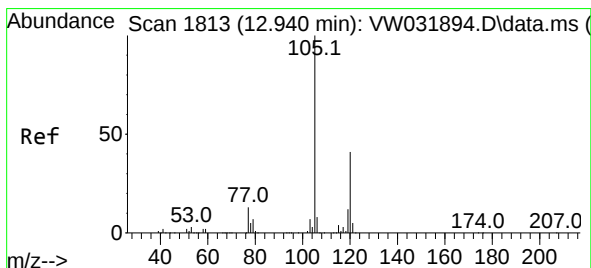
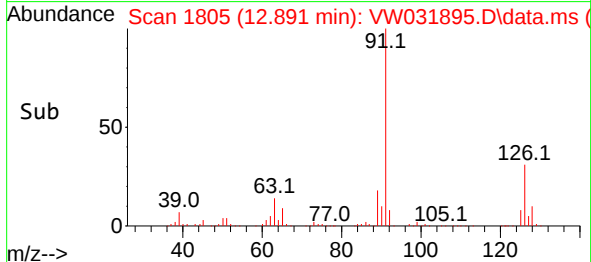
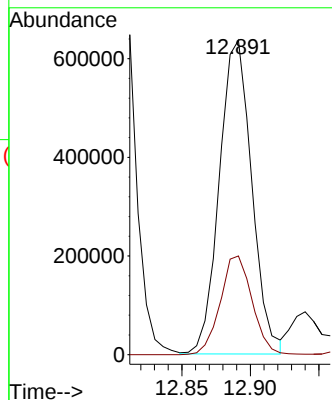
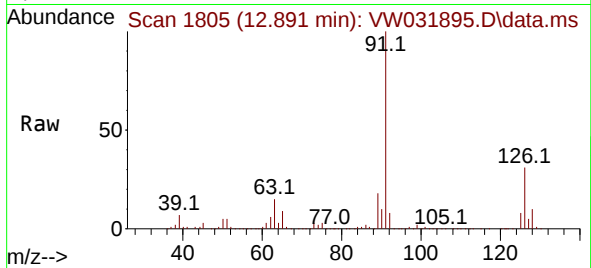




#79
2-Chlorotoluene
Concen: 103.935 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

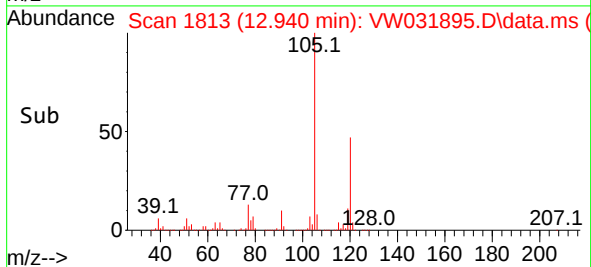
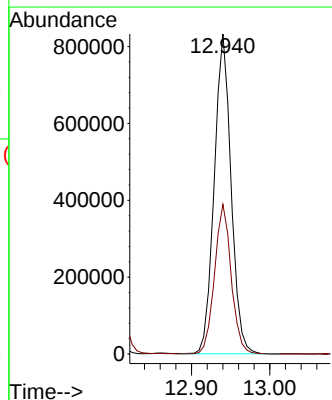
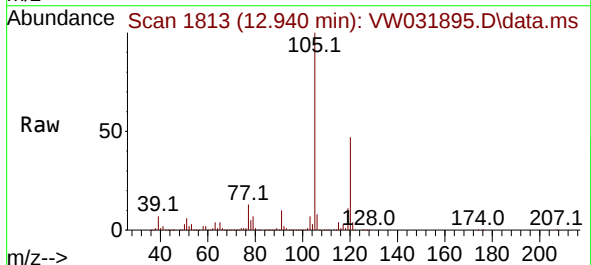
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

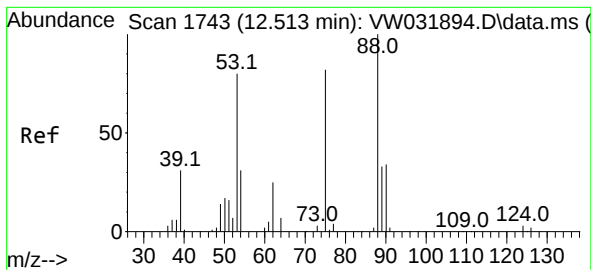
Tgt Ion: 91 Resp: 1046552
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 107.831 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 105 Resp: 1241824
Ion Ratio Lower Upper
105 100
120 46.3 23.5 70.5

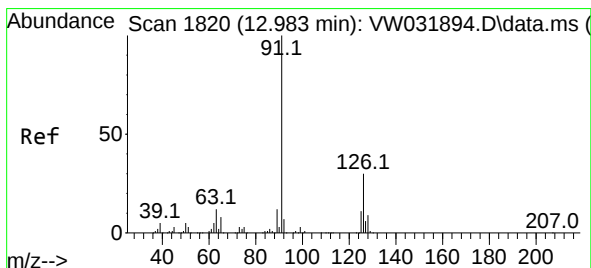
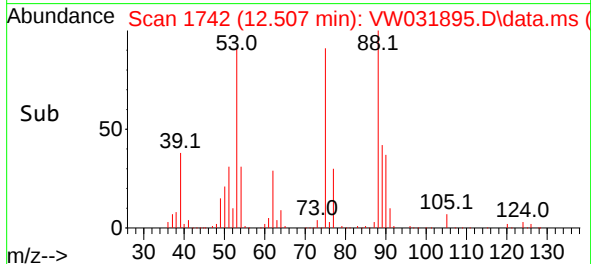
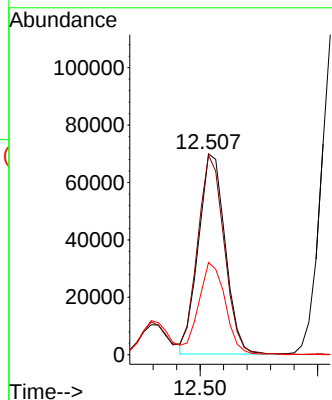
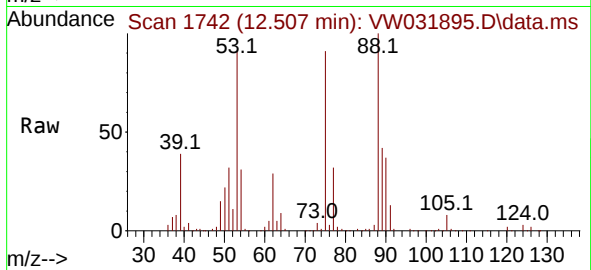




#81
trans-1,4-Dichloro-2-butene
Concen: 116.589 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

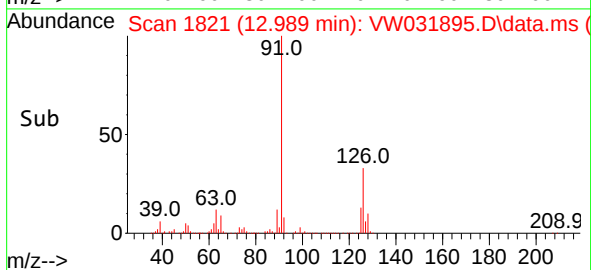
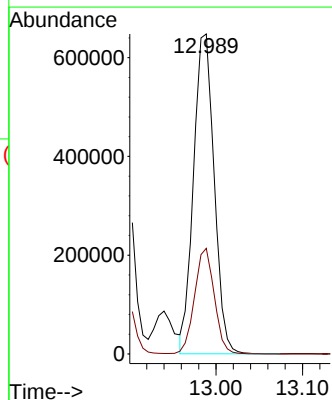
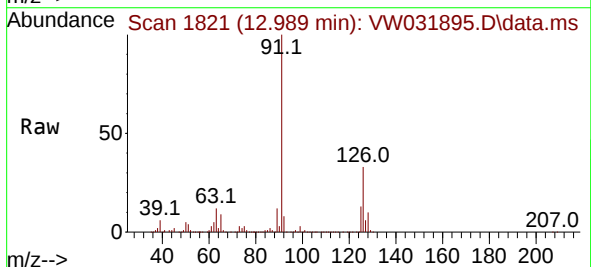
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

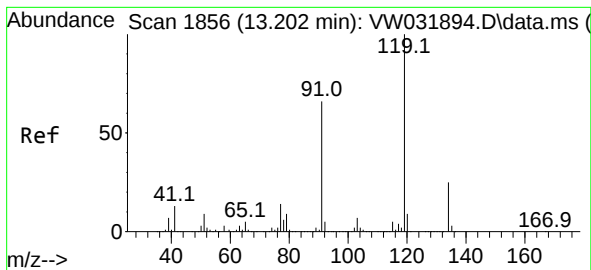
Tgt Ion: 75 Resp: 110340
Ion Ratio Lower Upper
75 100
53 100.5 83.7 125.5
89 46.0 39.0 58.6



#82
4-Chlorotoluene
Concen: 101.386 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 91 Resp: 1070989
Ion Ratio Lower Upper
91 100
126 31.7 15.8 47.3

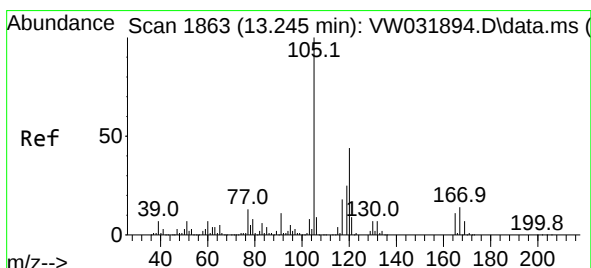
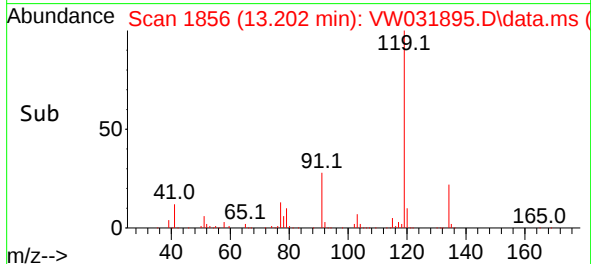
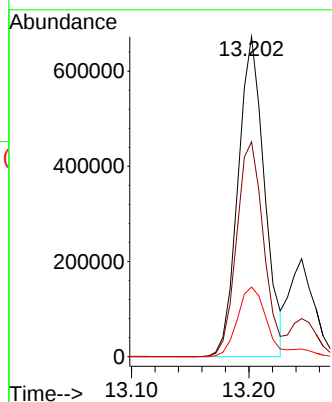
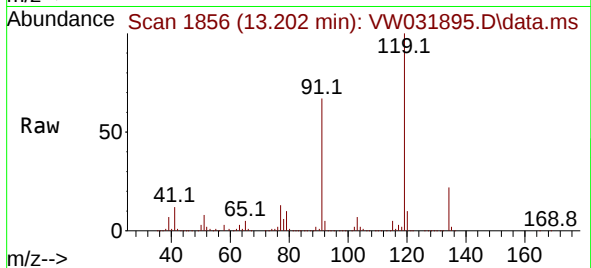




#83
tert-Butylbenzene
Concen: 107.273 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

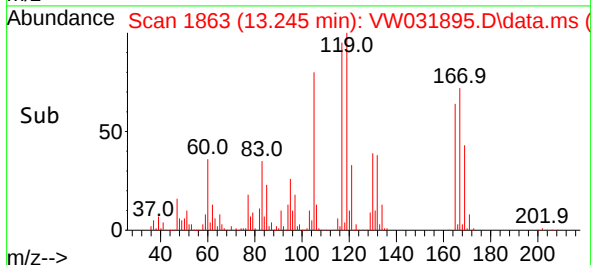
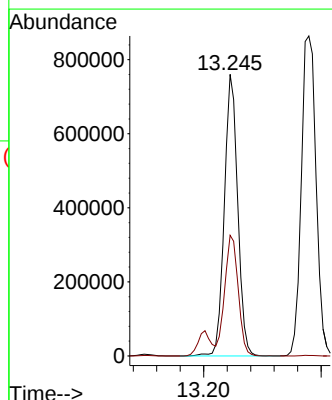
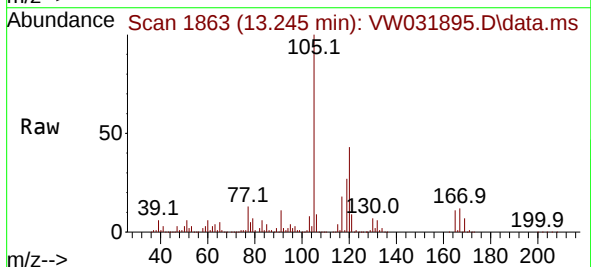
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

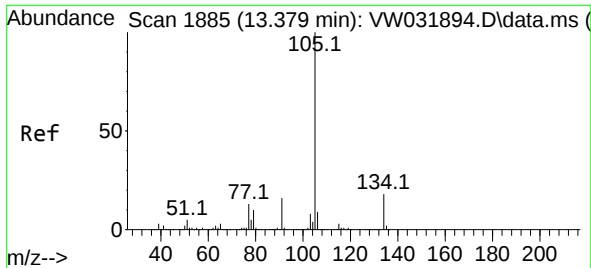
Tgt Ion:119 Resp: 1052310
Ion Ratio Lower Upper
119 100
91 70.0 35.5 106.5
134 25.5 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 102.845 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion:105 Resp: 1198796
Ion Ratio Lower Upper
105 100
120 43.3 21.3 63.9

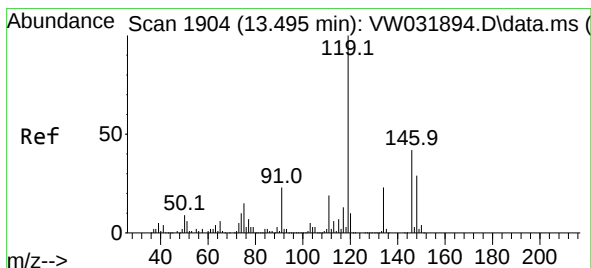
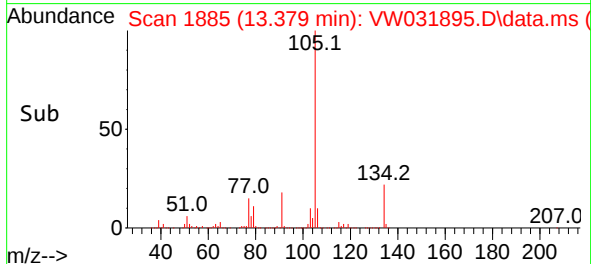
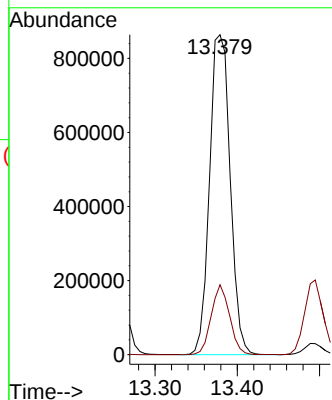
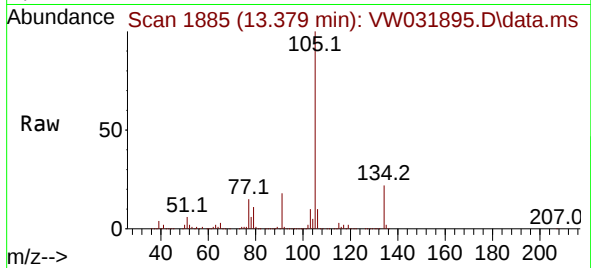




#85
 sec-Butylbenzene
 Concen: 102.008 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

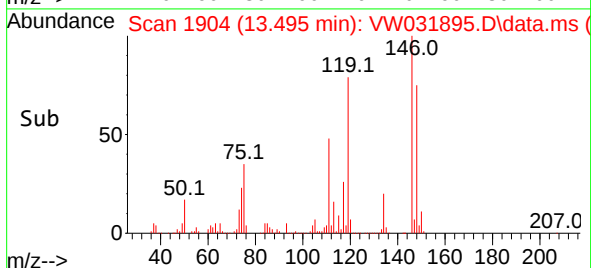
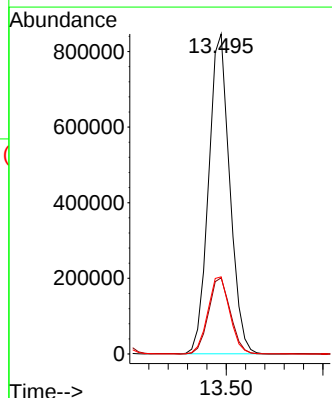
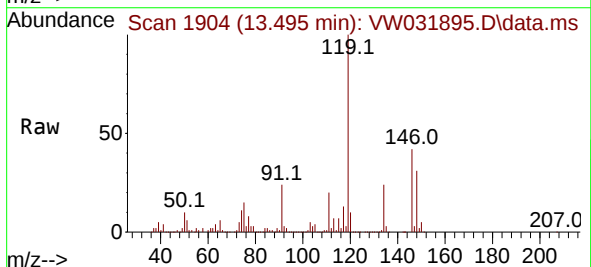
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

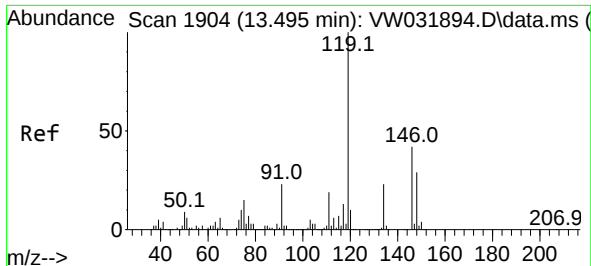
Tgt Ion:105 Resp: 1502744
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 105.433 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031895.D
 Acq: 22 Jul 2025 11:18

Tgt Ion:119 Resp: 1283789
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.0 39.0
 91 24.9 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 101.175 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

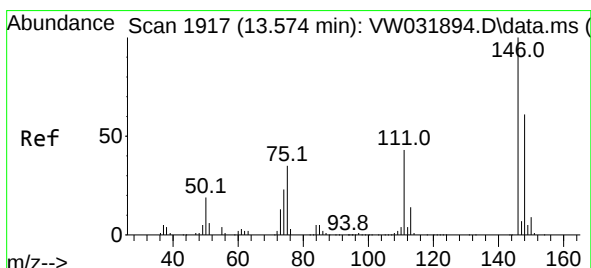
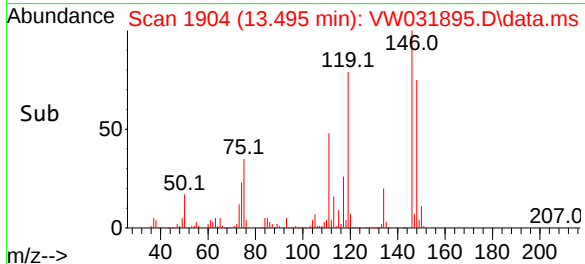
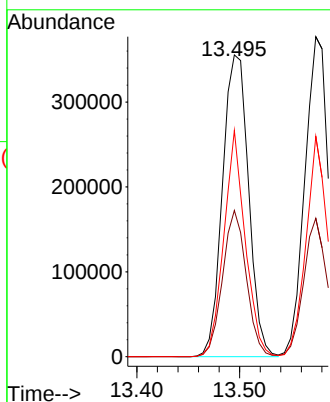
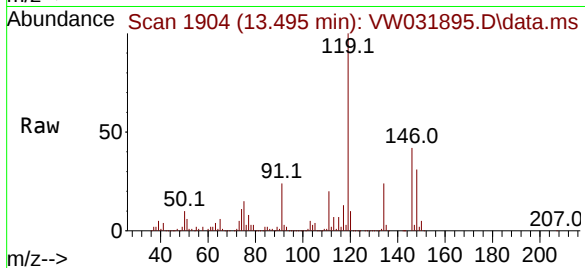
Tgt Ion:146 Resp: 625716

Ion Ratio Lower Upper

146 100

111 44.3 21.9 65.7

148 61.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 101.442 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

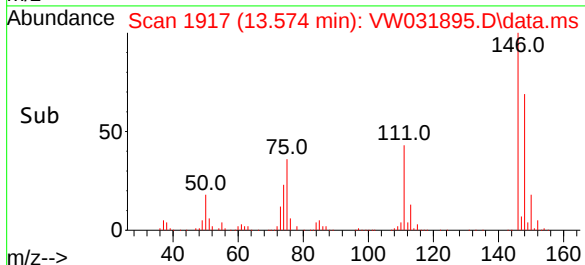
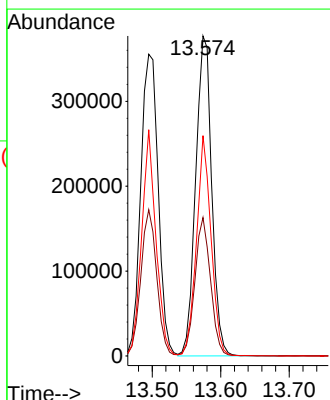
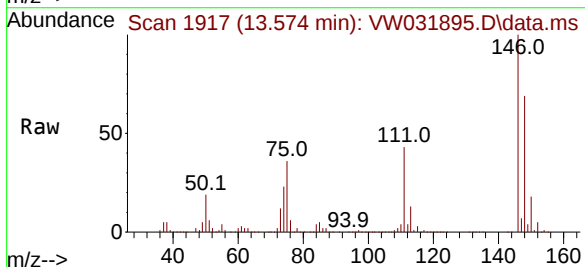
Tgt Ion:146 Resp: 614573

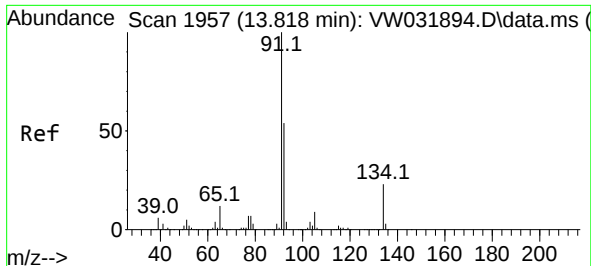
Ion Ratio Lower Upper

146 100

111 42.3 22.1 66.3

148 62.7 31.8 95.3

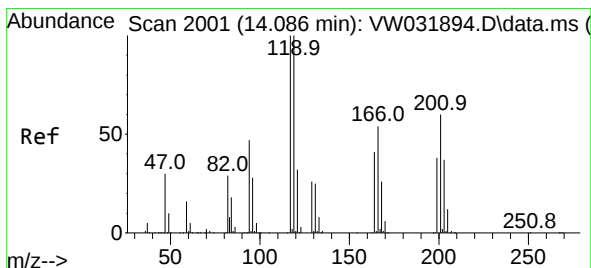
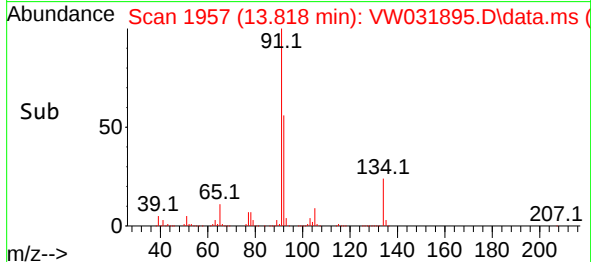
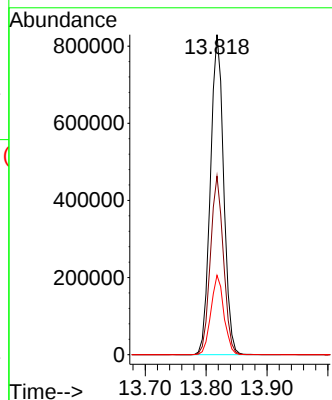
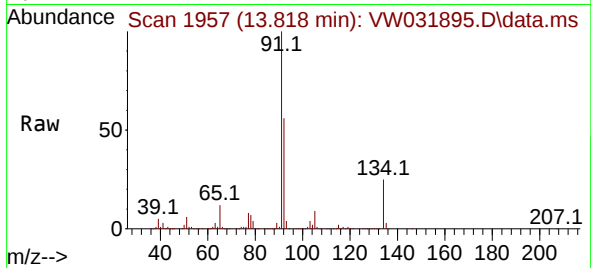




#89
n-Butylbenzene
Concen: 105.103 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

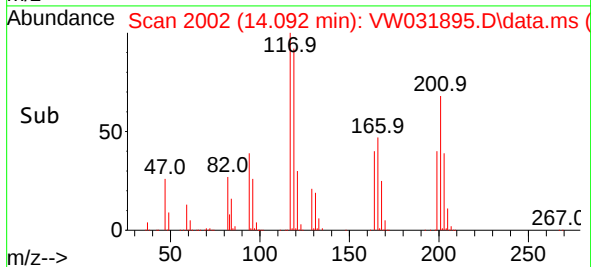
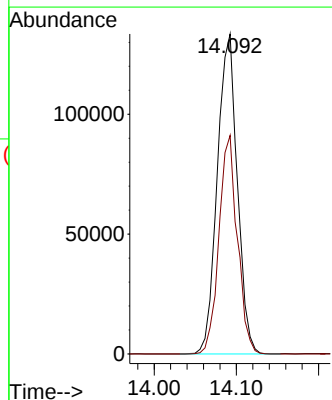
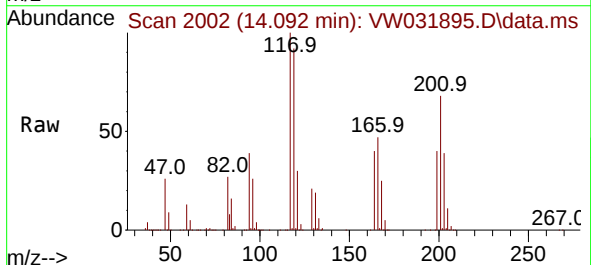
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

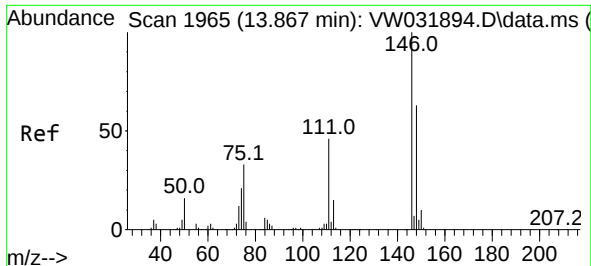
Tgt Ion: 91 Resp: 1255431
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.5
134 24.3 11.6 34.7



#90
Hexachloroethane
Concen: 107.168 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion: 117 Resp: 225644
Ion Ratio Lower Upper
117 100
201 62.9 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 104.043 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

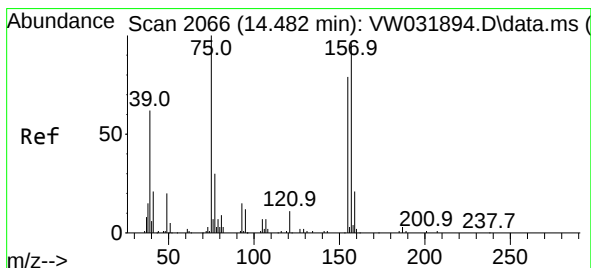
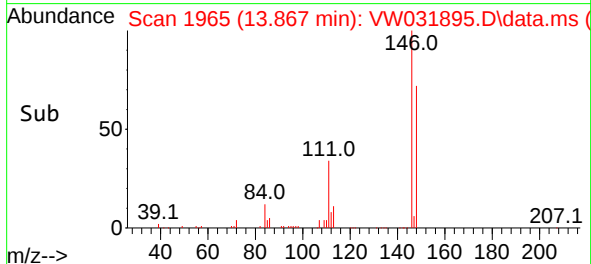
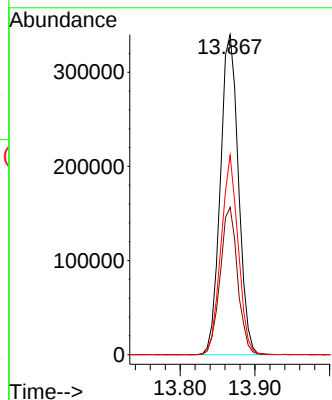
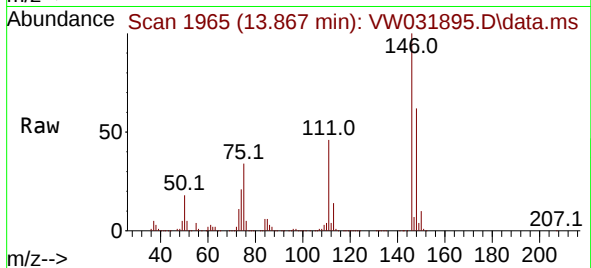
Tgt Ion:146 Resp: 570249

Ion Ratio Lower Upper

146 100

111 44.6 23.6 71.0

148 59.3 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 108.370 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

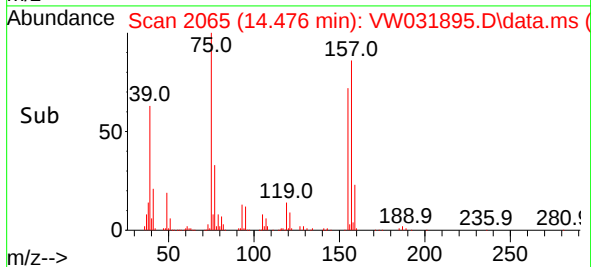
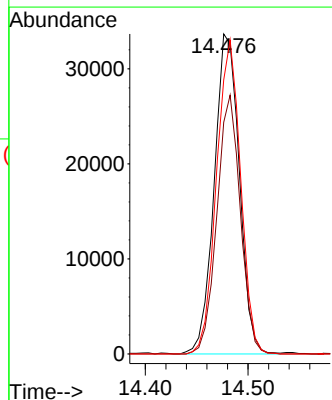
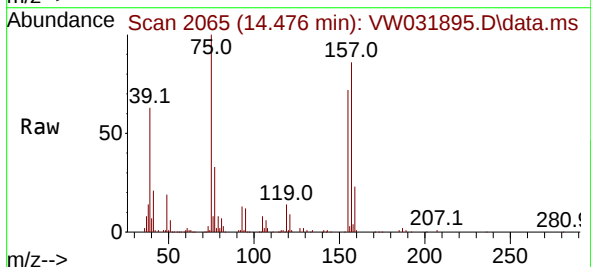
Tgt Ion: 75 Resp: 57065

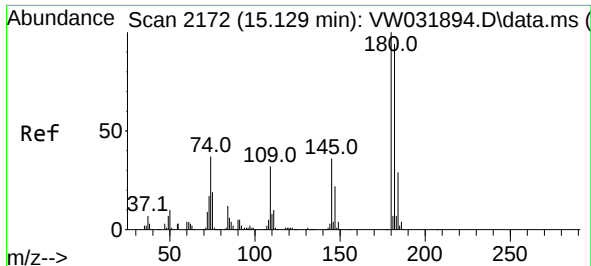
Ion Ratio Lower Upper

75 100

155 75.6 35.9 107.7

157 94.1 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 112.151 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

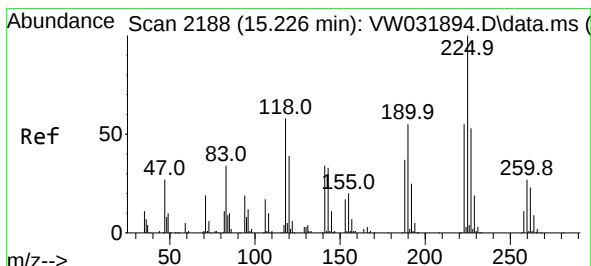
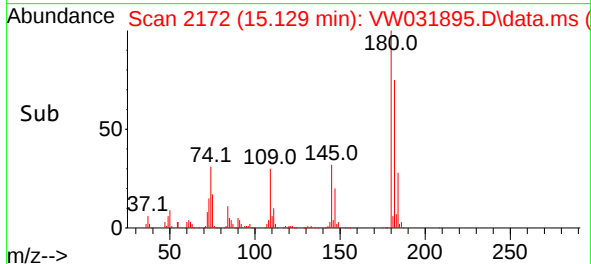
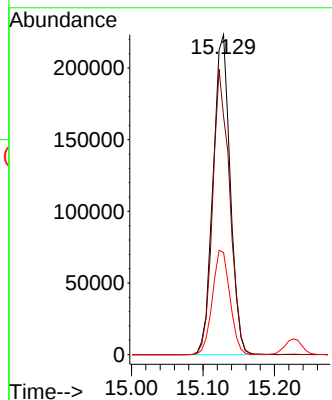
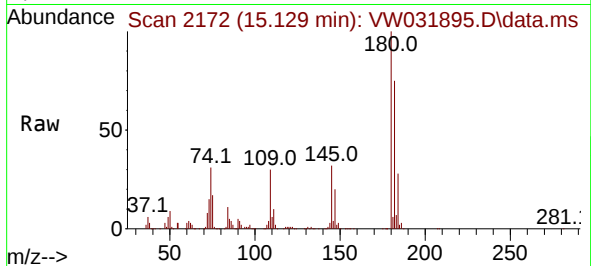
Tgt Ion:180 Resp: 370704

Ion Ratio Lower Upper

180 100

182 88.6 51.0 153.1

145 33.5 18.4 55.4



#94

Hexachlorobutadiene

Concen: 106.085 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031895.D

Acq: 22 Jul 2025 11:18

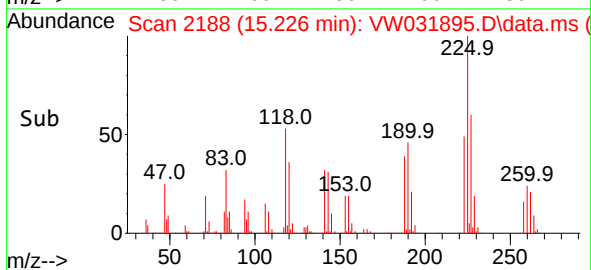
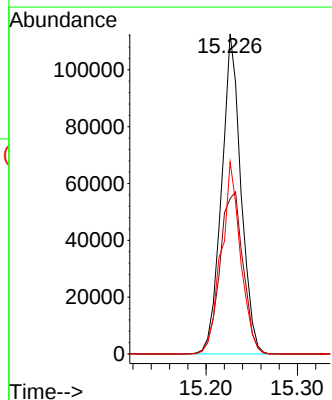
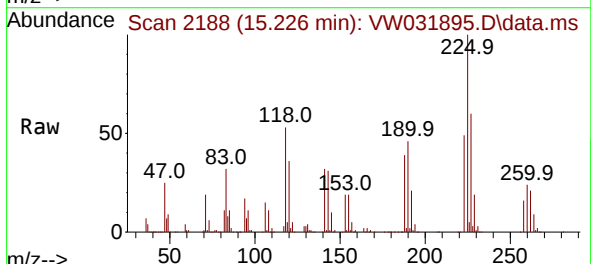
Tgt Ion:225 Resp: 166160

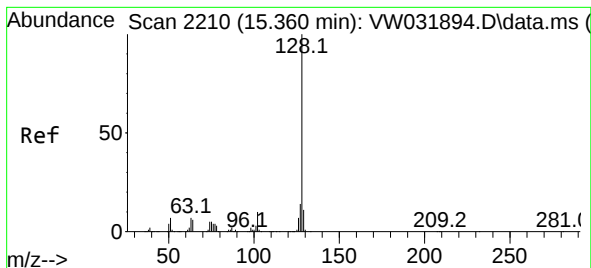
Ion Ratio Lower Upper

225 100

223 60.6 30.9 92.7

227 59.8 30.0 90.1

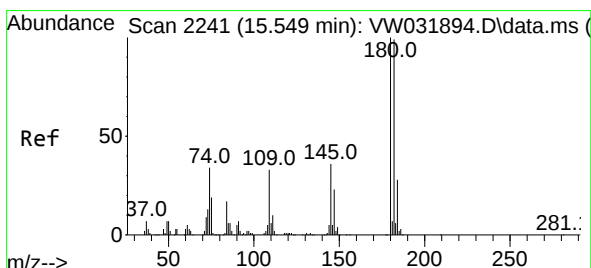
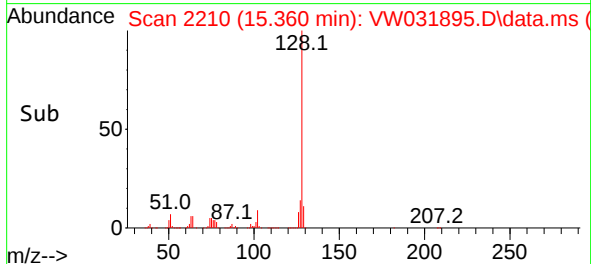
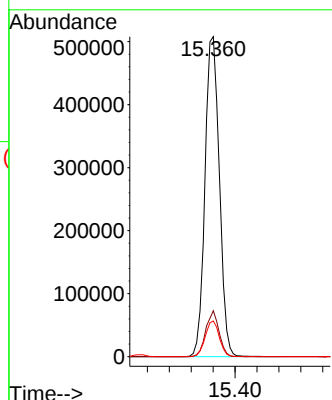
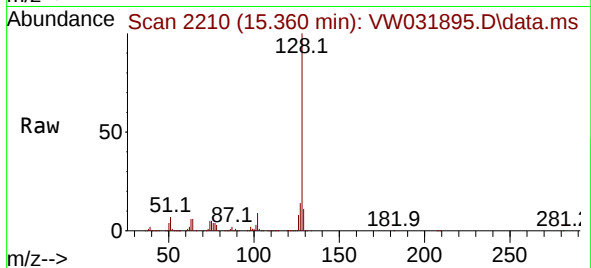




#95
Naphthalene
Concen: 113.469 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 922104
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 110.082 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031895.D
Acq: 22 Jul 2025 11:18

Tgt Ion:180 Resp: 329679
Ion Ratio Lower Upper
180 100
182 88.5 50.4 151.2
145 37.0 18.6 55.8

