

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111925\
 Data File : VW032490.D
 Acq On : 19 Nov 2025 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 01:11:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	346973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	636403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	579827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	269243	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	242926	54.306	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.620%	
35) Dibromofluoromethane	7.898	113	199770	52.429	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.860%	
50) Toluene-d8	10.325	98	776593	53.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	12.617	95	292101	52.898	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	95376	54.179	ug/l	96
3) Chloromethane	2.253	50	158236	52.440	ug/l	97
4) Vinyl Chloride	2.405	62	206091	54.118	ug/l	97
5) Bromomethane	2.820	94	136345	53.524	ug/l	93
6) Chloroethane	2.966	64	132436	53.155	ug/l	98
7) Trichlorofluoromethane	3.302	101	145405	48.700	ug/l	92
8) Diethyl Ether	3.722	74	130752	53.563	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	178427	54.860	ug/l	97
10) Methyl Iodide	4.308	142	268160	51.191	ug/l	98
11) Tert butyl alcohol	5.210	59	88567	228.969	ug/l	98
12) 1,1-Dichloroethene	4.076	96	203728	54.627	ug/l	96
13) Acrolein	3.930	56	108184	166.697	ug/l	99
14) Allyl chloride	4.704	41	382936	53.394	ug/l	98
15) Acrylonitrile	5.393	53	386933	274.149	ug/l	99
16) Acetone	4.155	43	375826	280.822	ug/l	97
17) Carbon Disulfide	4.417	76	592369	53.740	ug/l	99
18) Methyl Acetate	4.710	43	188677	56.932	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	413278	52.570	ug/l	98
20) Methylene Chloride	4.948	84	256114	53.512	ug/l	99
21) trans-1,2-Dichloroethene	5.454	96	235150	55.142	ug/l	97
22) Diisopropyl ether	6.338	45	804551	55.097	ug/l	95
23) Vinyl Acetate	6.277	43	2725852	272.461	ug/l	98
24) 1,1-Dichloroethane	6.240	63	447734	55.964	ug/l	99
25) 2-Butanone	7.185	43	526364	266.965	ug/l	100
26) 2,2-Dichloropropane	7.185	77	228920	51.342	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	277691	54.498	ug/l	99
28) Bromochloromethane	7.527	49	208547	55.153	ug/l	97
29) Tetrahydrofuran	7.545	42	344899	275.605	ug/l	99
30) Chloroform	7.691	83	447741	57.169	ug/l	100
31) Cyclohexane	7.965	56	373822	50.513	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	297998	53.262	ug/l	97
36) 1,1-Dichloropropene	8.094	75	309469	55.124	ug/l	99
37) Ethyl Acetate	7.270	43	231826	55.532	ug/l	99
38) Carbon Tetrachloride	8.081	117	272752	54.678	ug/l	95
39) Methylcyclohexane	9.343	83	381563	52.464	ug/l	91
40) Benzene	8.337	78	983355	54.391	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	130492	56.903	ug/l	96
42) 1,2-Dichloroethane	8.411	62	300189	56.528	ug/l	99
43) Isopropyl Acetate	8.435	43	395000	53.436	ug/l	99
44) Trichloroethene	9.099	130	218354	51.903	ug/l	98
45) 1,2-Dichloropropane	9.374	63	253790	56.375	ug/l	100
46) Dibromomethane	9.465	93	147513	56.074	ug/l	98
47) Bromodichloromethane	9.648	83	339805	56.626	ug/l	96
48) Methyl methacrylate	9.441	41	181969	51.805	ug/l	93
49) 1,4-Dioxane	9.459	88	41605	1128.950	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	1146909	280.662	ug/l	100
52) Toluene	10.386	92	617759	55.318	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	332651	53.826	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	384628	53.817	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	200347	55.515	ug/l	97
56) Ethyl methacrylate	10.648	69	293517	53.007	ug/l	97
57) 1,3-Dichloropropane	10.934	76	358185	55.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	863212	292.727	ug/l	100
59) 2-Hexanone	10.965	43	818361	273.719	ug/l	98
60) Dibromochloromethane	11.130	129	220231	54.646	ug/l	100
61) 1,2-Dibromoethane	11.233	107	188620	53.662	ug/l	100
64) Tetrachloroethene	10.861	164	188152	54.797	ug/l	88
65) Chlorobenzene	11.654	112	664366	53.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	211366	54.649	ug/l	99
67) Ethyl Benzene	11.727	91	1138253	52.638	ug/l	96
68) m/p-Xylenes	11.837	106	897191	110.506	ug/l	97
69) o-Xylene	12.160	106	421359	54.202	ug/l	98
70) Styrene	12.178	104	731948	54.734	ug/l	100
71) Bromoform	12.349	173	122654	53.540	ug/l	95
73) Isopropylbenzene	12.459	105	1060845	53.648	ug/l	99
74) N-amyl acetate	12.270	43	361944	52.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.709	83	257138	54.793	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	321786	87.163	ug/l	33
77) Bromobenzene	12.745	156	244850	52.298	ug/l	95
78) n-propylbenzene	12.800	91	1327854	55.141	ug/l	99
79) 2-Chlorotoluene	12.885	91	805355	54.784	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	891947	54.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	85782	53.221	ug/l	97
82) 4-Chlorotoluene	12.989	91	831063	54.354	ug/l	100
83) tert-Butylbenzene	13.202	119	732857	51.641	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	886061	53.400	ug/l	97
85) sec-Butylbenzene	13.379	105	1124349	53.198	ug/l	100
86) p-Isopropyltoluene	13.495	119	914832	52.425	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	490882	55.301	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	484114	53.234	ug/l	99
89) n-Butylbenzene	13.818	91	918175	53.857	ug/l	99
90) Hexachloroethane	14.086	117	165435	52.581	ug/l	90
91) 1,2-Dichlorobenzene	13.867	146	447561	54.925	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.477	75	41536	51.378	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	271417	52.341	ug/l	98
94) Hexachlorobutadiene	15.232	225	111309	51.675	ug/l	94
95) Naphthalene	15.360	128	650043	50.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	245875	52.227	ug/l	95

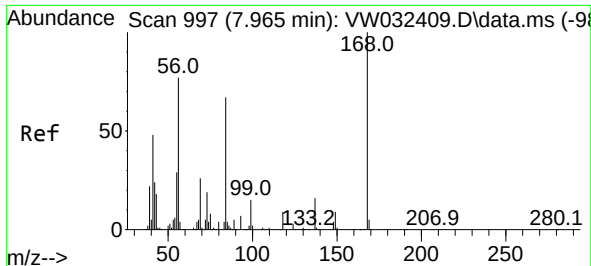
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Response via : Initial Calibration

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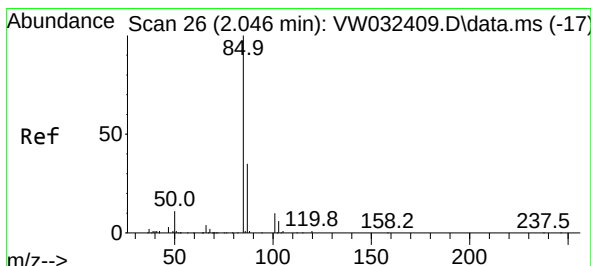
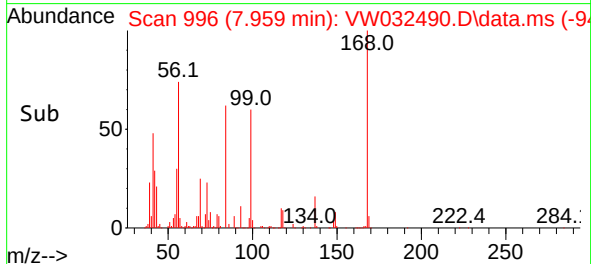
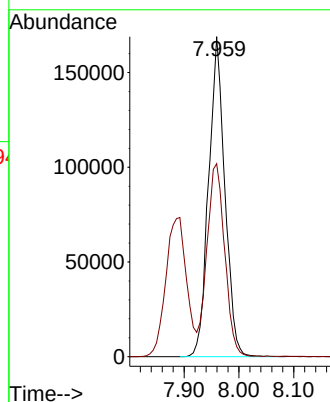
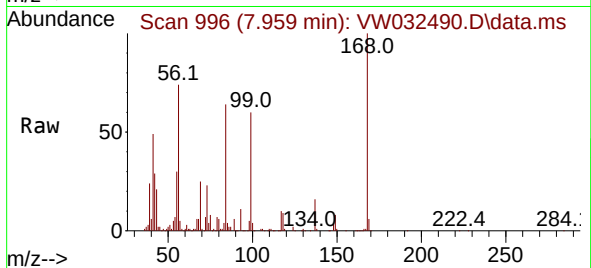
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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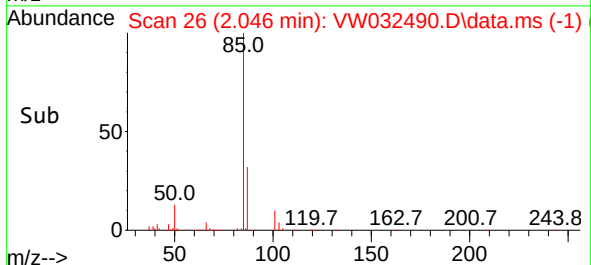
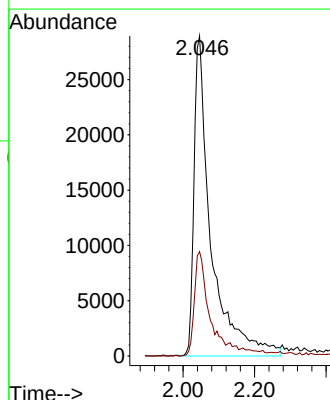
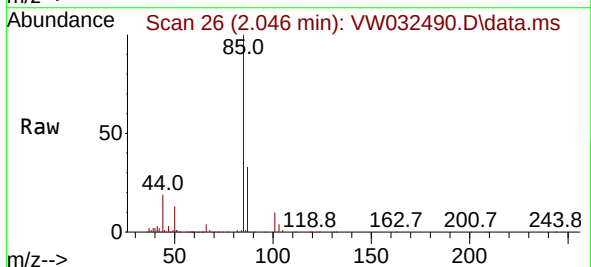
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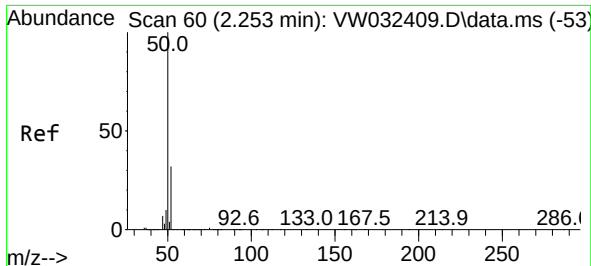
Tgt Ion:168 Resp: 346973
Ion Ratio Lower Upper
168 100
99 60.2 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 54.179 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 85 Resp: 95376
Ion Ratio Lower Upper
85 100
87 32.6 17.4 52.2

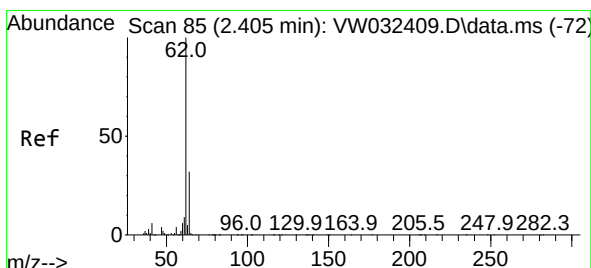
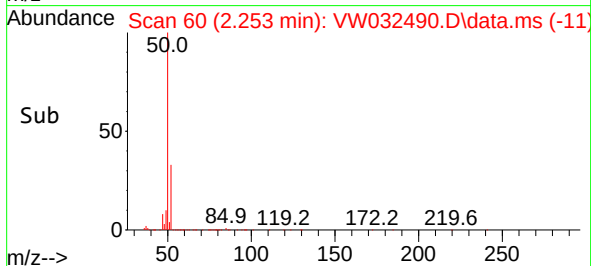
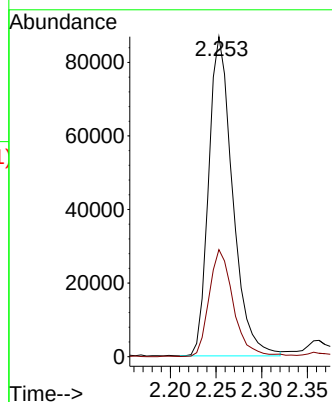
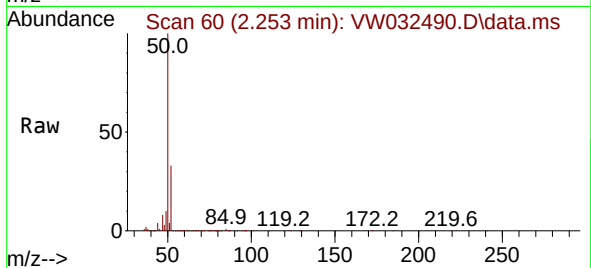




#3
Chloromethane
Concen: 52.440 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

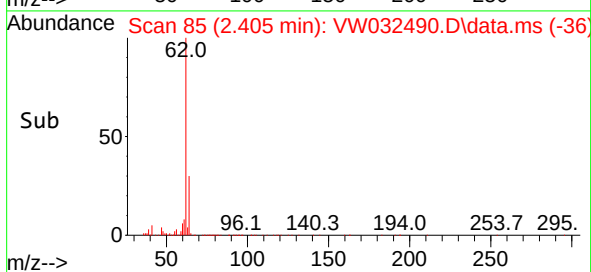
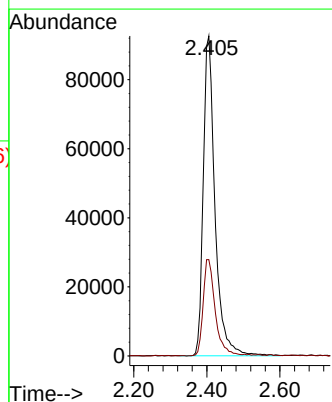
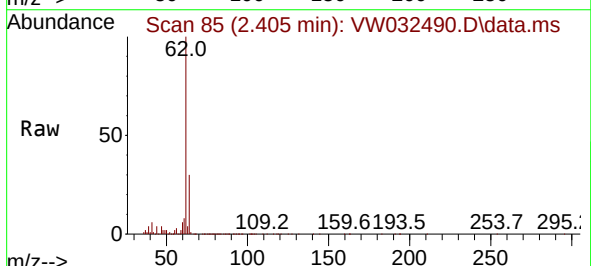
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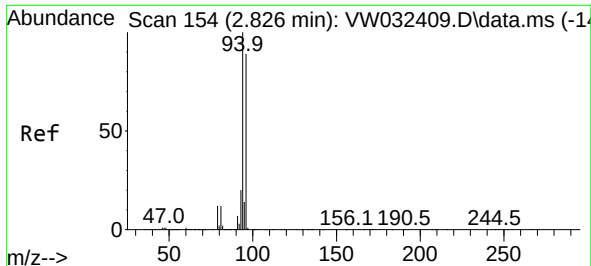
Tgt Ion: 50 Resp: 158236
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3



#4
Vinyl Chloride
Concen: 54.118 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 62 Resp: 206091
Ion Ratio Lower Upper
62 100
64 30.0 25.2 37.8

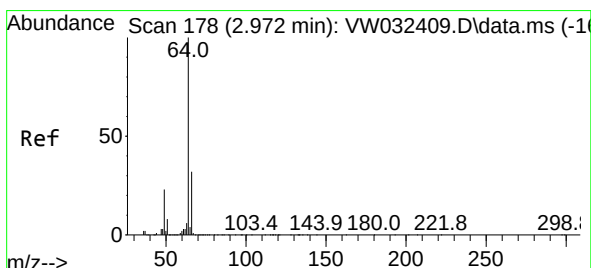
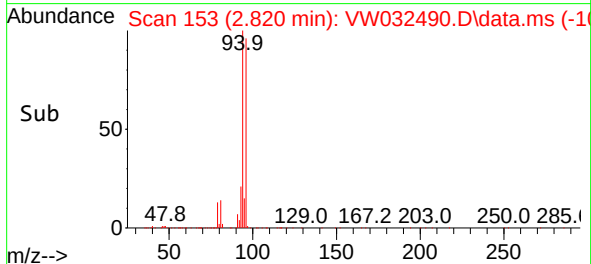
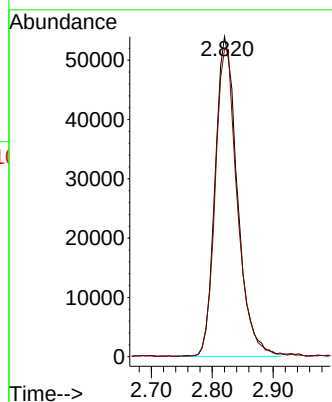
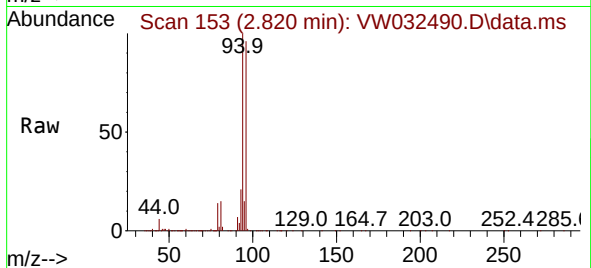




#5
Bromomethane
Concen: 53.524 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

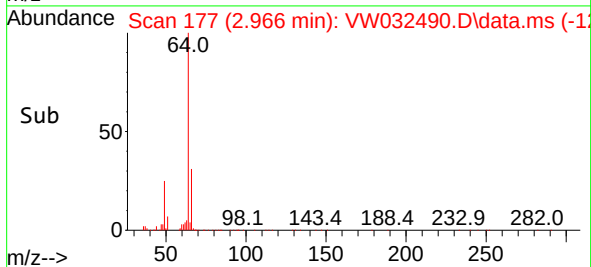
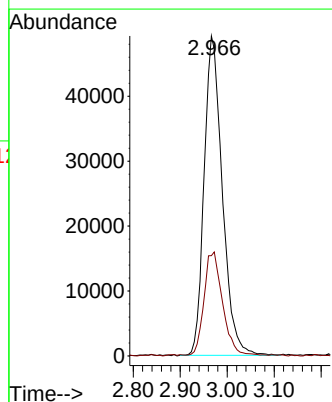
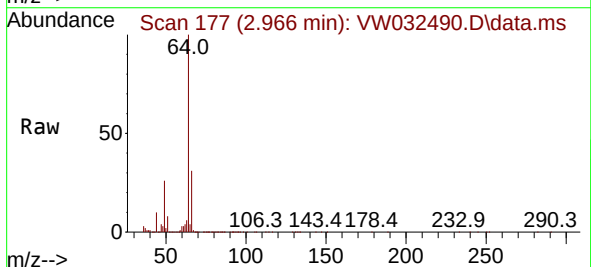
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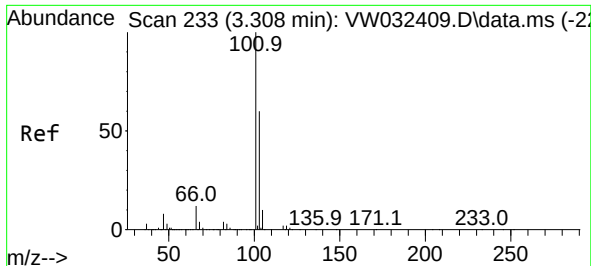
Tgt Ion: 94 Resp: 136345
Ion Ratio Lower Upper
94 100
96 96.0 71.4 107.2



#6
Chloroethane
Concen: 53.155 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 64 Resp: 132436
Ion Ratio Lower Upper
64 100
66 31.1 25.6 38.4

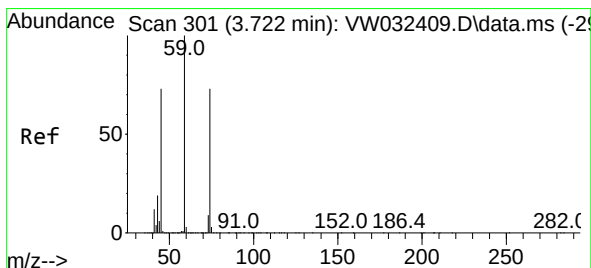
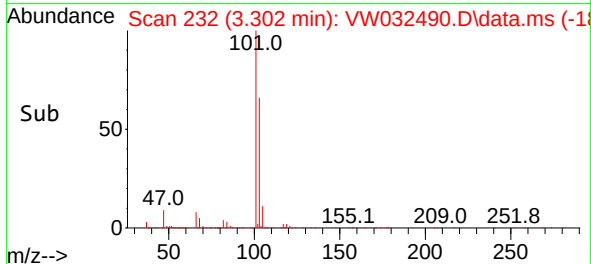
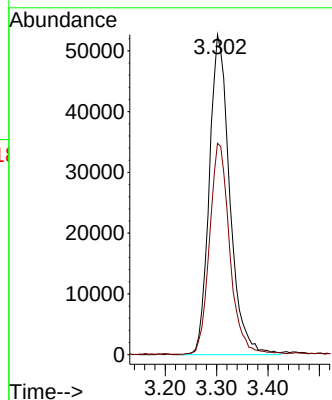
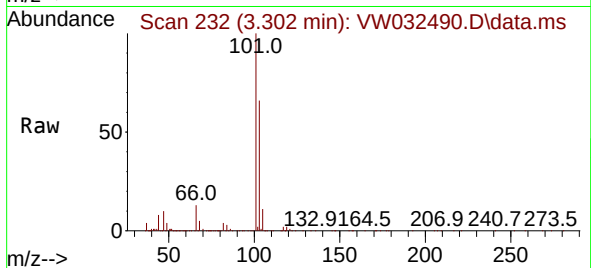




#7
Trichlorofluoromethane
Concen: 48.700 ug/l
RT: 3.302 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032490.D
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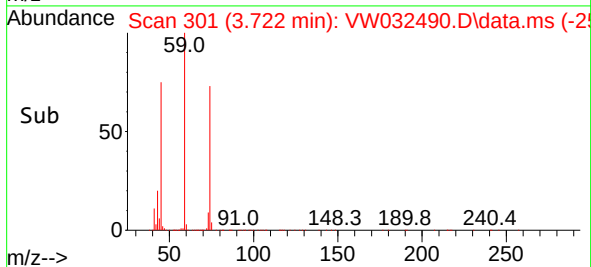
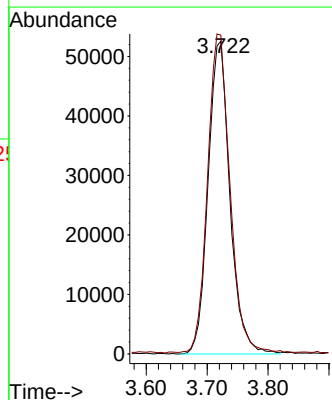
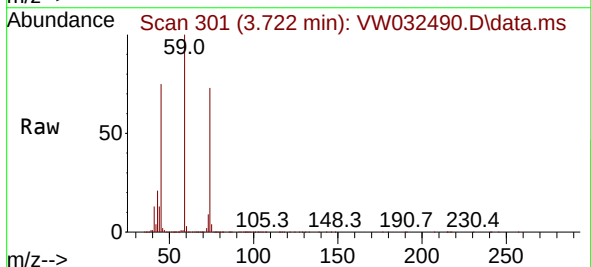
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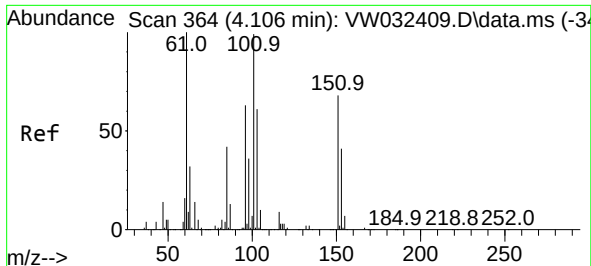
Tgt Ion:101 Resp: 145405
Ion Ratio Lower Upper
101 100
103 65.9 48.0 72.0



#8
Diethyl Ether
Concen: 53.563 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 74 Resp: 130752
Ion Ratio Lower Upper
74 100
45 104.1 51.8 155.4

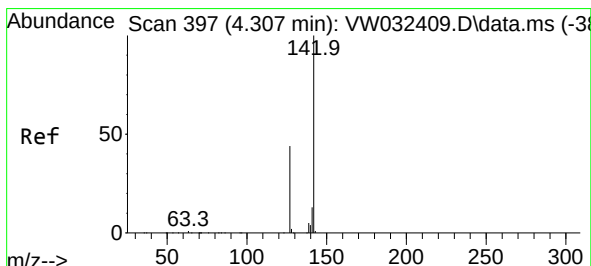
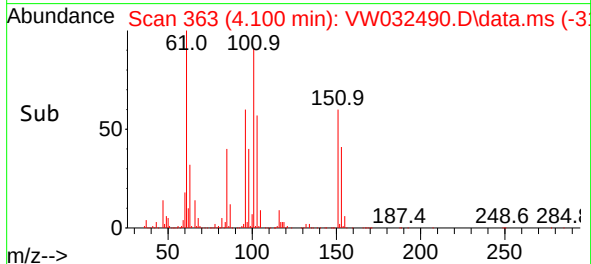
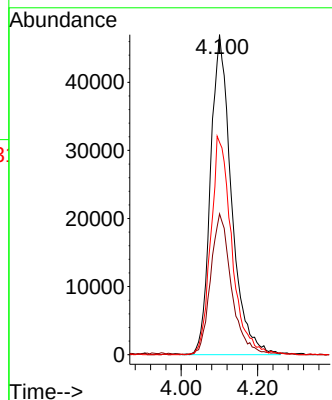
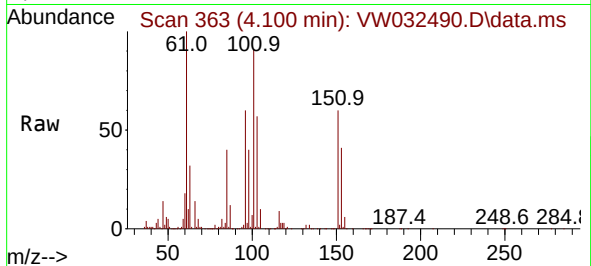




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.860 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032490.D
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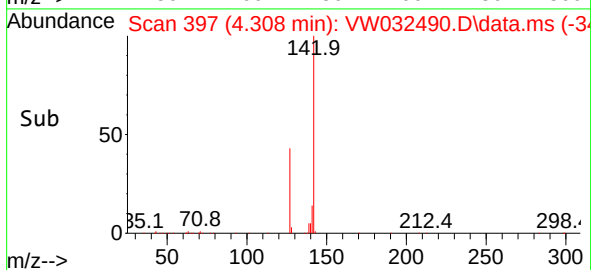
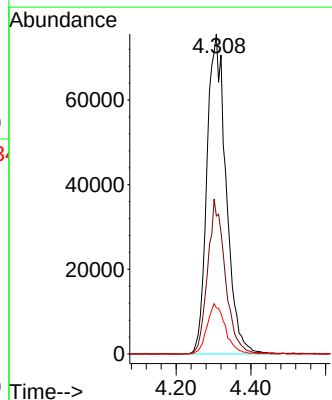
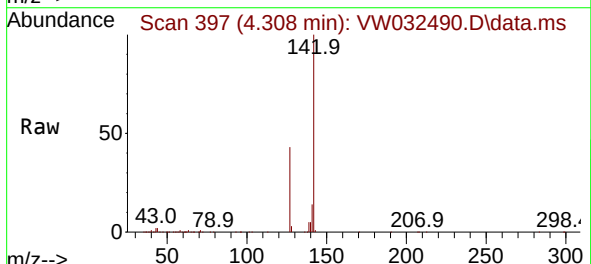
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ClientSampleId :
VSTDCCC050

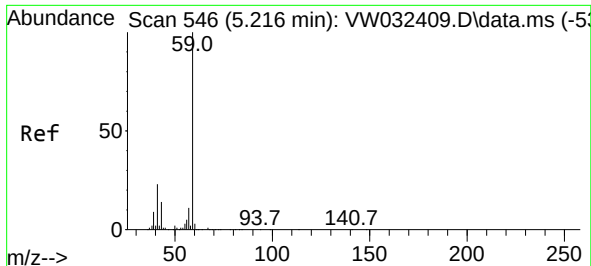
Tgt Ion:101 Resp: 178427
Ion Ratio Lower Upper
101 100
85 44.1 34.1 51.1
151 68.2 56.4 84.6



#10
Methyl Iodide
Concen: 51.191 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion:142 Resp: 268160
Ion Ratio Lower Upper
142 100
127 44.6 34.2 51.2
141 15.0 11.8 17.8

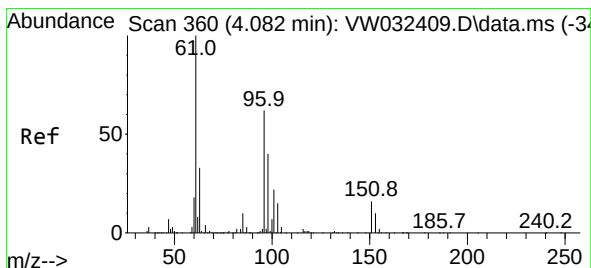
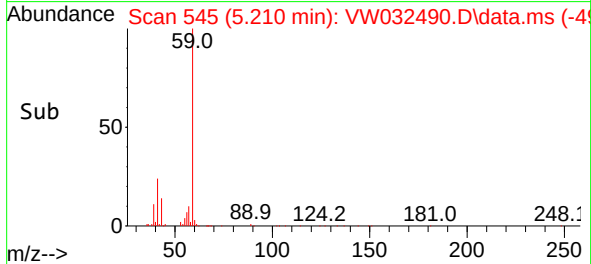
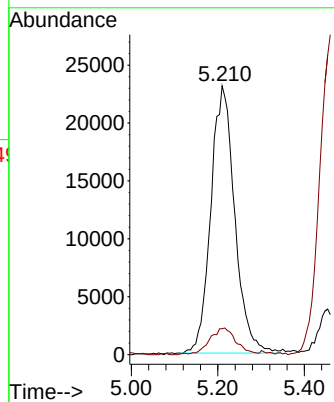
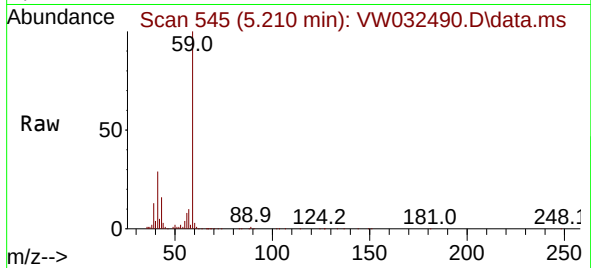




#11
Tert butyl alcohol
Concen: 228.969 ug/l
RT: 5.210 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

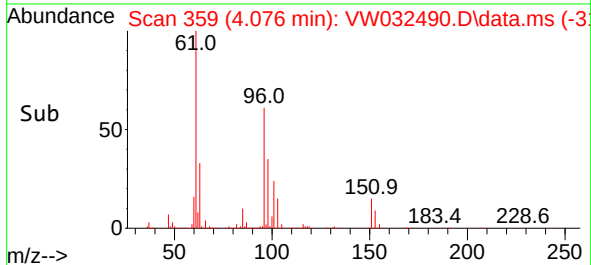
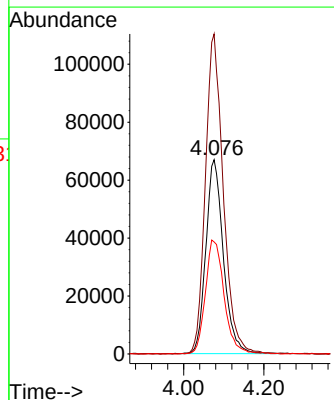
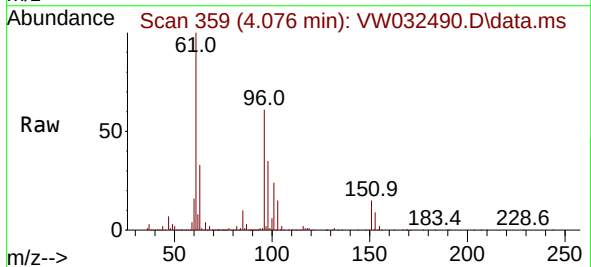
Instrument :
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ClientSampleId :
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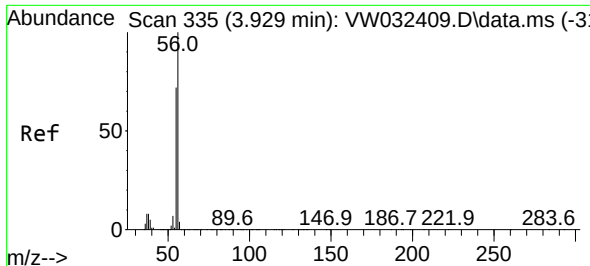
Tgt Ion: 59 Resp: 88567
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 54.627 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 96 Resp: 203728
Ion Ratio Lower Upper
96 100
61 164.8 129.0 193.6
98 57.7 51.1 76.7

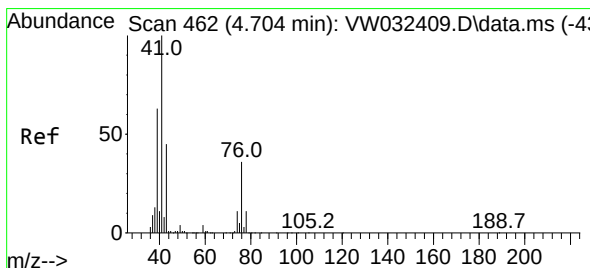
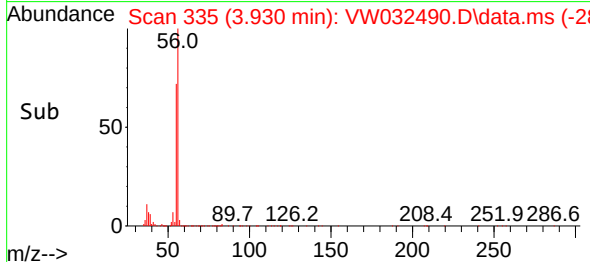
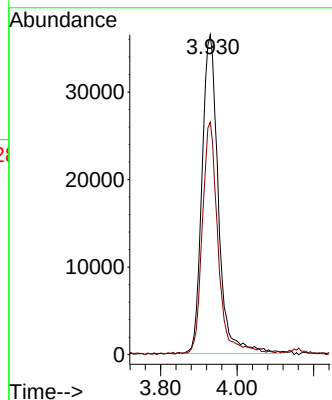
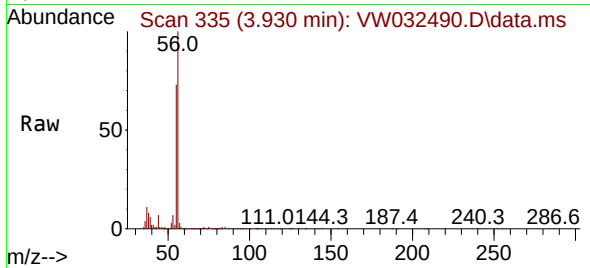




#13
Acrolein
Concen: 166.697 ug/l
RT: 3.930 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

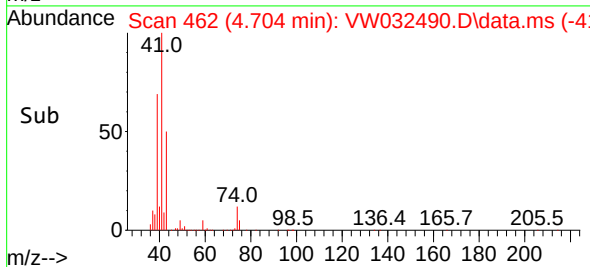
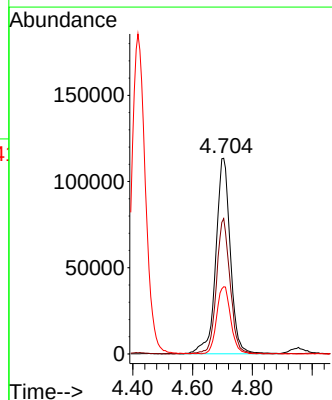
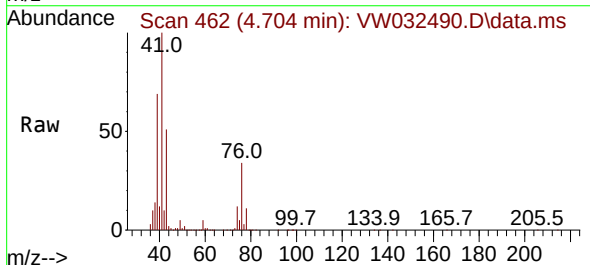
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ClientSampleId :
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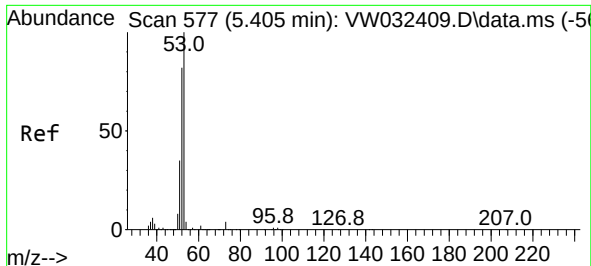
Tgt Ion: 56 Resp: 108184
Ion Ratio Lower Upper
56 100
55 69.5 56.3 84.5



#14
Allyl chloride
Concen: 53.394 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 41 Resp: 382936
Ion Ratio Lower Upper
41 100
39 64.7 50.2 75.2
76 32.8 27.0 40.6

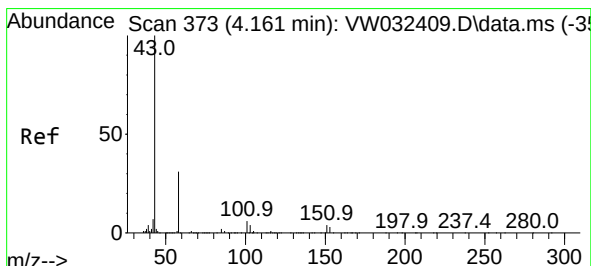
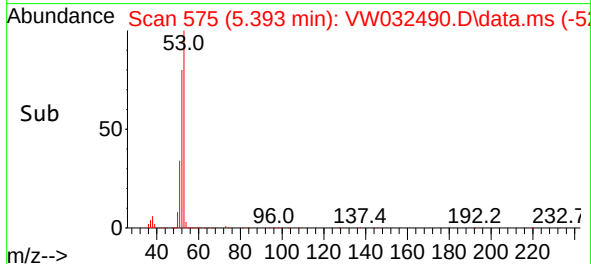
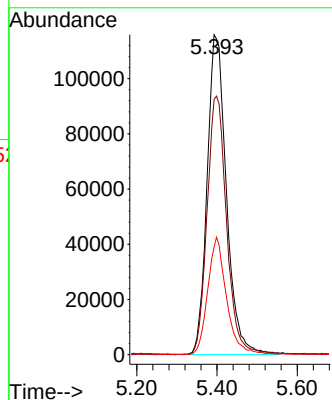
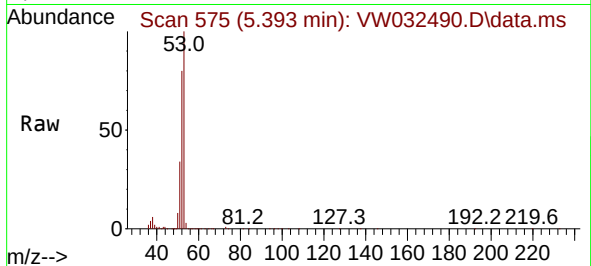




#15
Acrylonitrile
Concen: 274.149 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

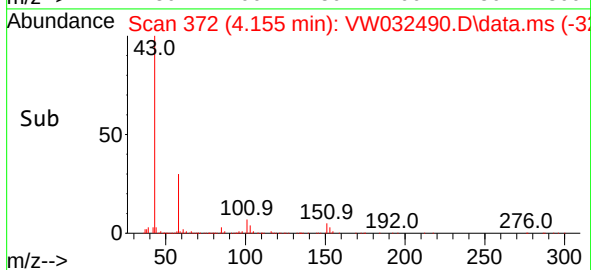
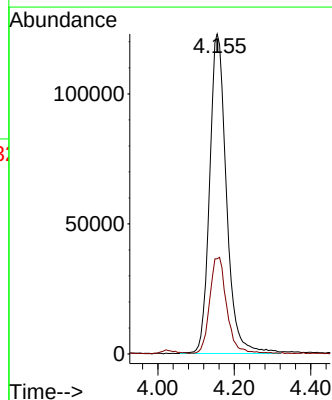
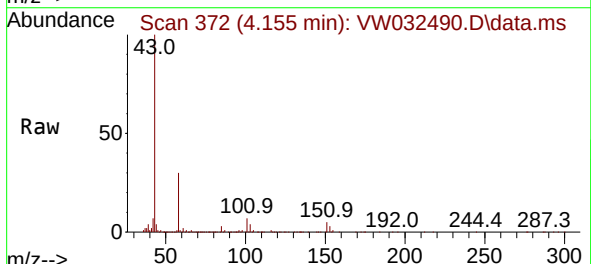
Instrument :
MSVOA_W
ClientSampleId :
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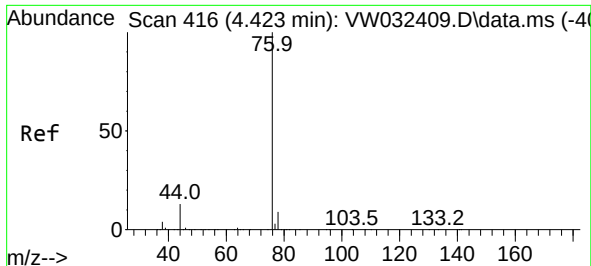
Tgt Ion: 53 Resp: 386933
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 35.6 28.6 43.0



#16
Acetone
Concen: 280.822 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 43 Resp: 375826
Ion Ratio Lower Upper
43 100
58 29.5 24.8 37.2

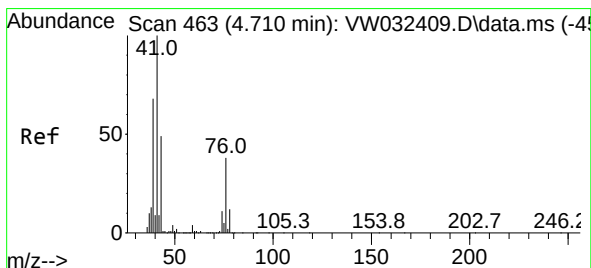
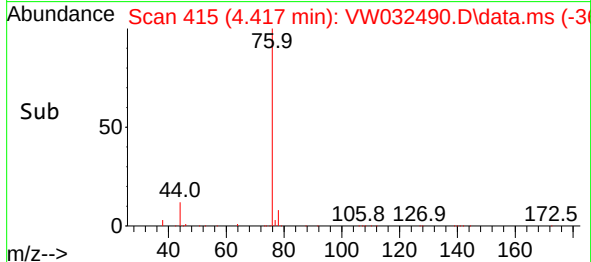
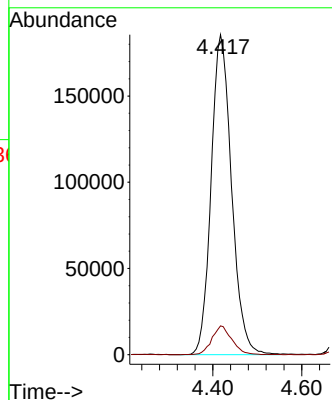
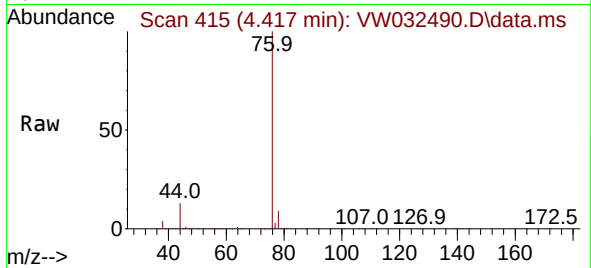




#17
Carbon Disulfide
Concen: 53.740 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

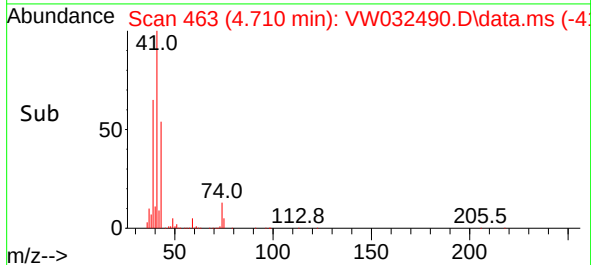
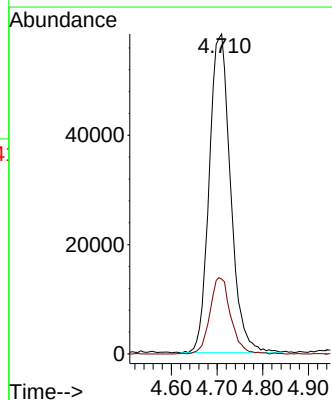
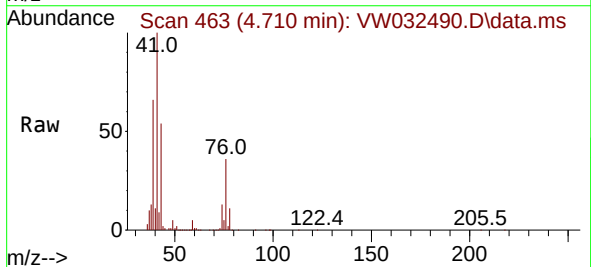
Instrument :
MSVOA_W
ClientSampleId :
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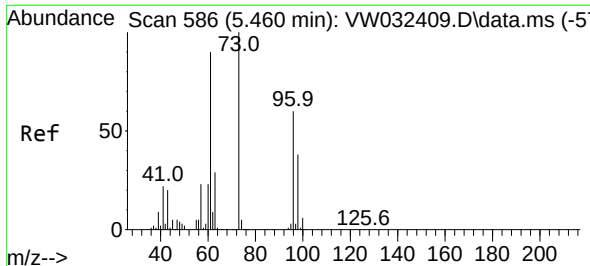
Tgt Ion: 76 Resp: 592369
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 56.932 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 43 Resp: 188677
Ion Ratio Lower Upper
43 100
74 23.4 18.9 28.3

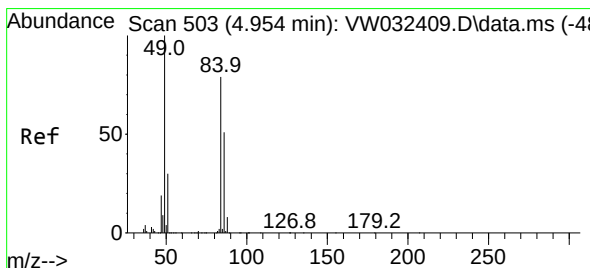
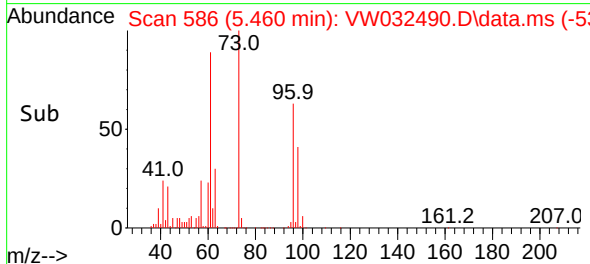
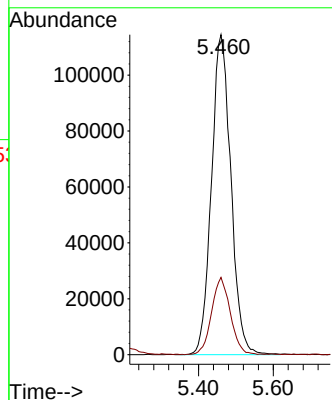
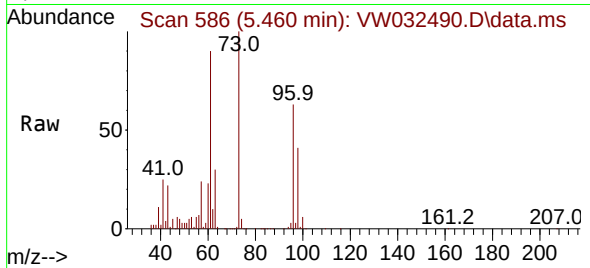




#19
Methyl tert-butyl Ether
Concen: 52.570 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

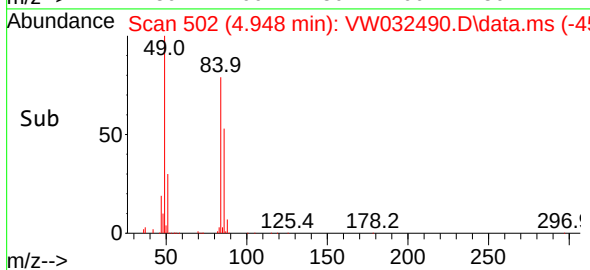
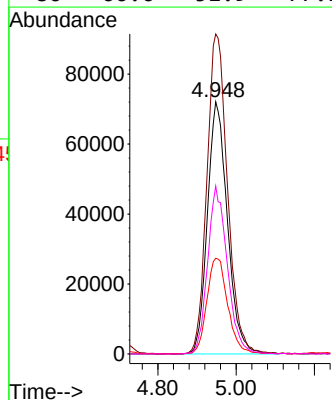
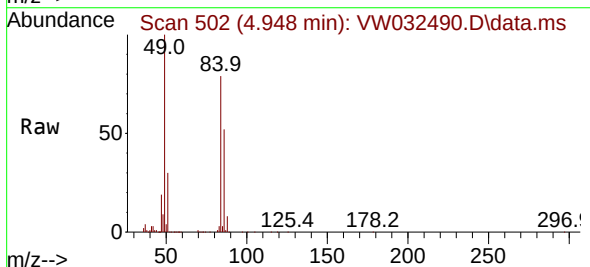
Instrument :
MSVOA_W
ClientSampleId :
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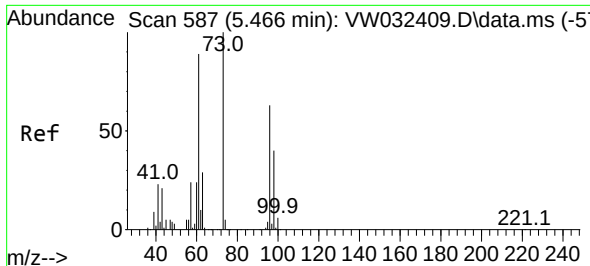
Tgt Ion: 73 Resp: 413278
Ion Ratio Lower Upper
73 100
57 24.1 18.3 27.5



#20
Methylene Chloride
Concen: 53.512 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 84 Resp: 256114
Ion Ratio Lower Upper
84 100
49 126.8 101.5 152.3
51 37.8 30.6 46.0
86 66.6 51.9 77.9

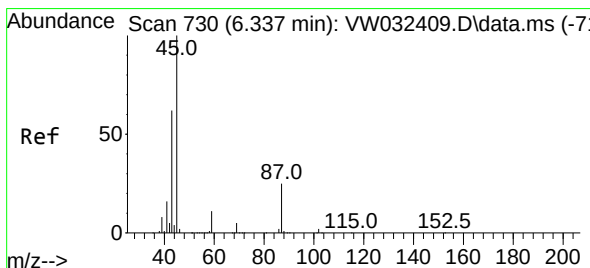
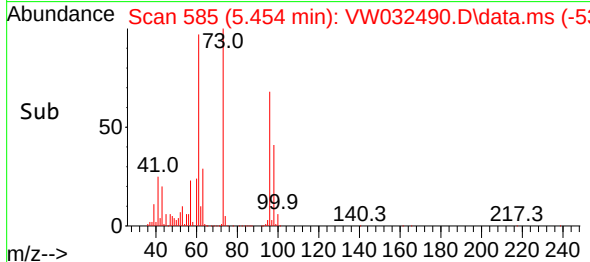
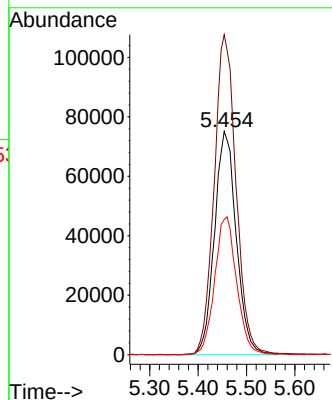
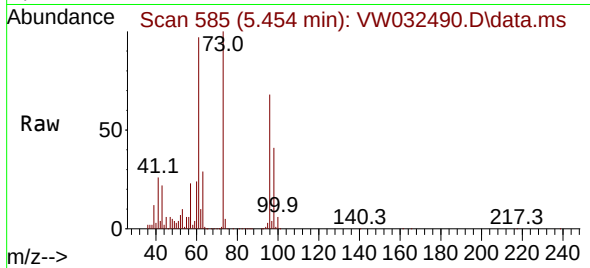




#21
trans-1,2-Dichloroethene
Concen: 55.142 ug/l
RT: 5.454 min Scan# 587
Delta R.T. -0.012 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

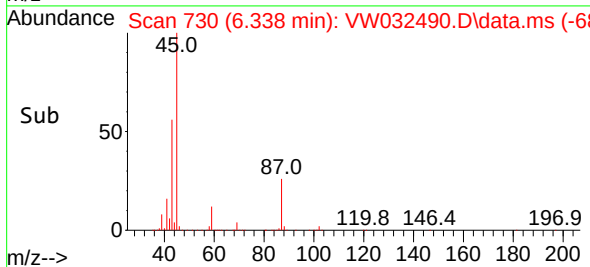
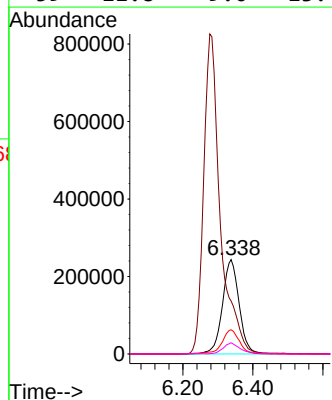
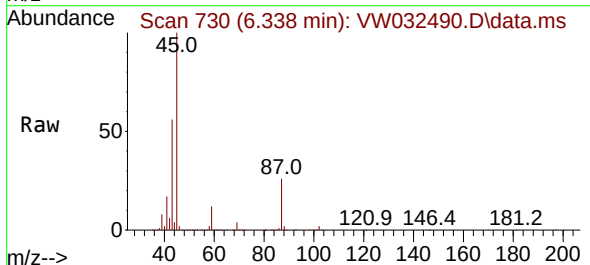
Instrument :
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ClientSampleId :
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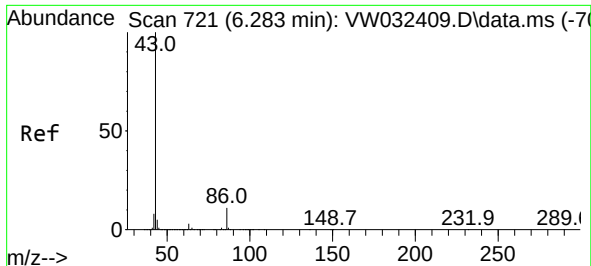
Tgt Ion: 96 Resp: 235150
Ion Ratio Lower Upper
96 100
61 143.3 112.5 168.7
98 60.6 51.1 76.7



#22
Diisopropyl ether
Concen: 55.097 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 45 Resp: 804551
Ion Ratio Lower Upper
45 100
43 56.2 49.4 74.2
87 25.6 20.1 30.1
59 11.8 9.0 13.4

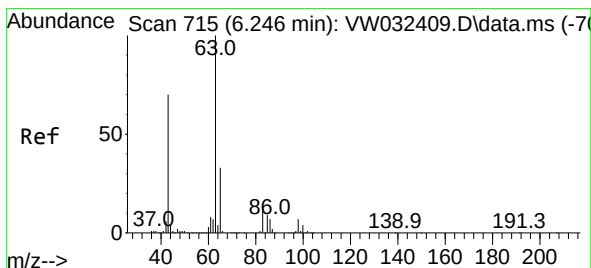
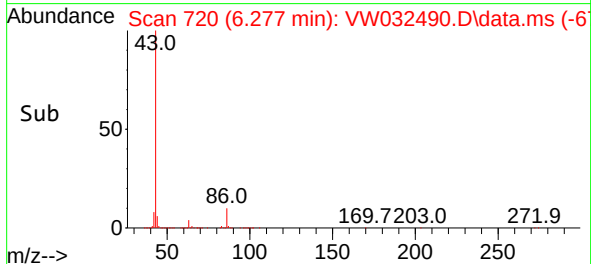
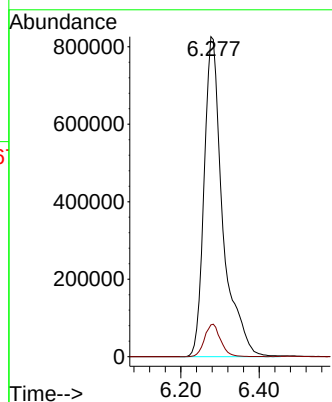
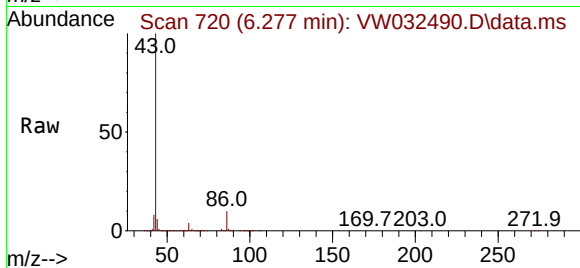




#23
 Vinyl Acetate
 Concen: 272.461 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

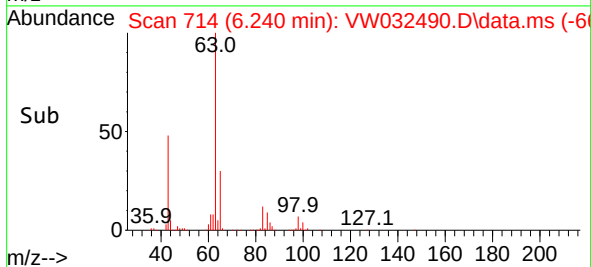
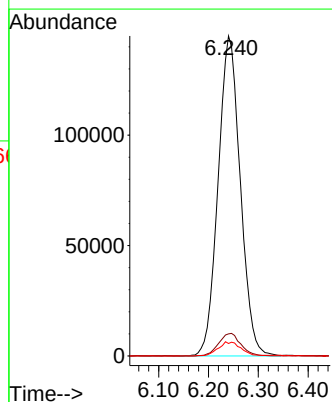
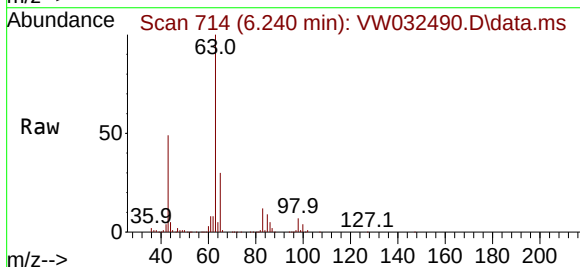
Instrument :
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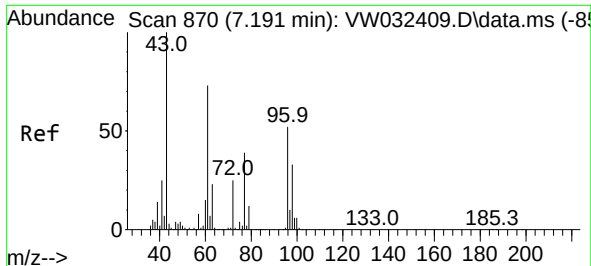
Tgt Ion: 43 Resp: 2725852
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 55.964 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

Tgt Ion: 63 Resp: 447734
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 3.9 2.3 6.8

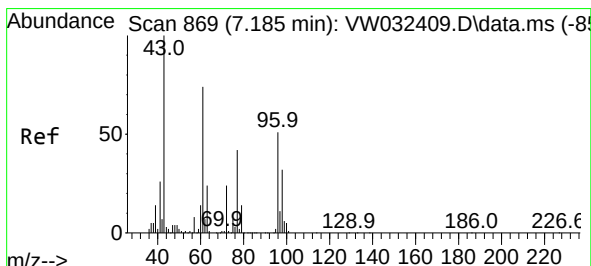
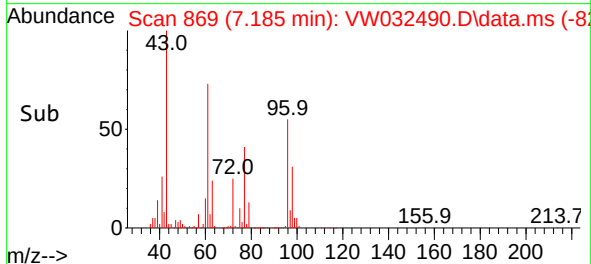
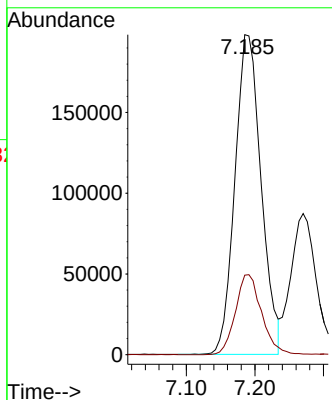
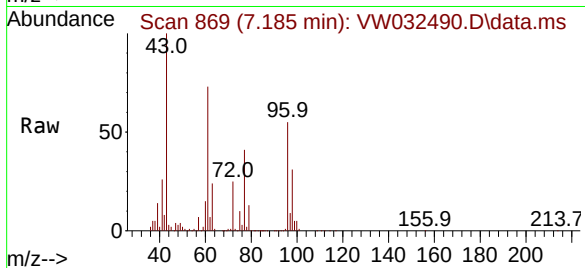




#25
2-Butanone
Concen: 266.965 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

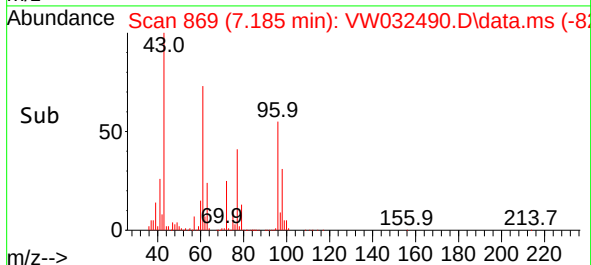
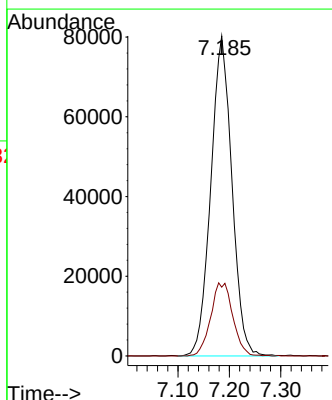
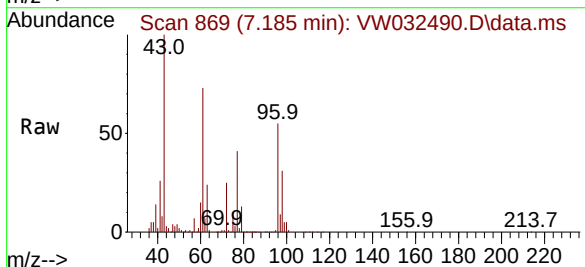
Instrument :
MSVOA_W
ClientSampleId :
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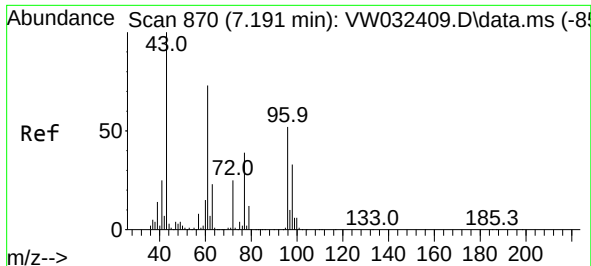
Tgt Ion: 43 Resp: 526364
Ion Ratio Lower Upper
43 100
72 24.9 20.0 30.0



#26
2,2-Dichloropropane
Concen: 51.342 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 77 Resp: 228920
Ion Ratio Lower Upper
77 100
97 24.0 12.3 36.8

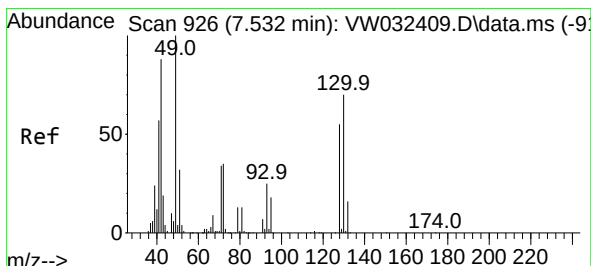
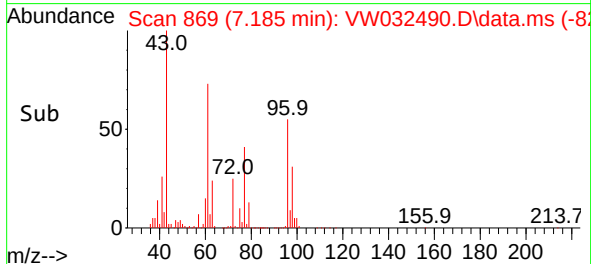
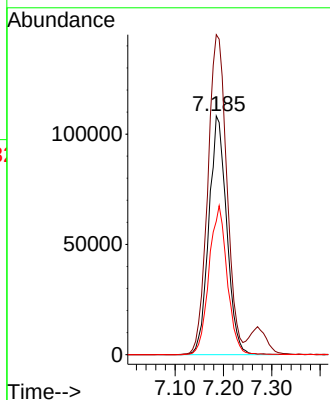
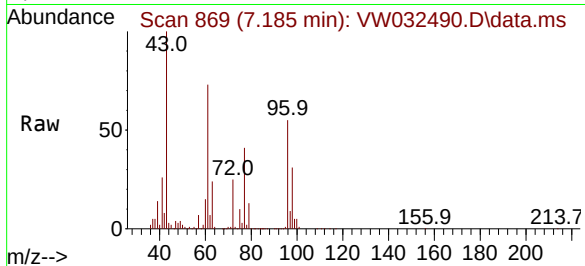




#27
 cis-1,2-Dichloroethene
 Concen: 54.498 ug/l
 RT: 7.185 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

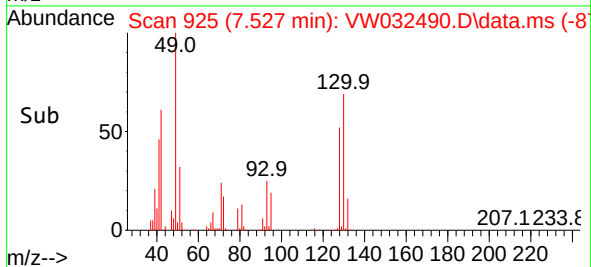
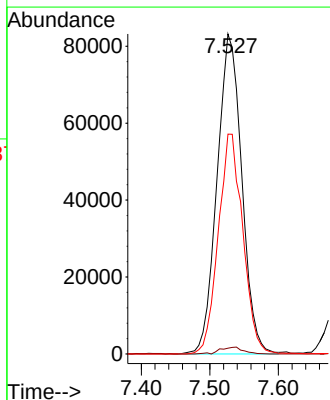
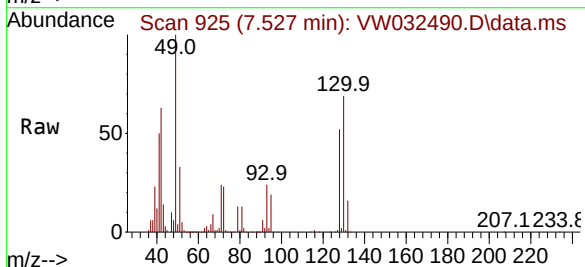
Instrument :
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 ClientSampleId :
 VSTDCCC050

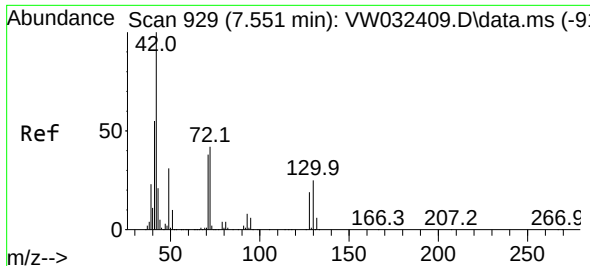
Tgt Ion: 96 Resp: 277691
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 282.6
 98 63.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 55.153 ug/l
 RT: 7.527 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

Tgt Ion: 49 Resp: 208547
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 68.2 56.9 85.3





#29

Tetrahydrofuran

Concen: 275.605 ug/l

RT: 7.545 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

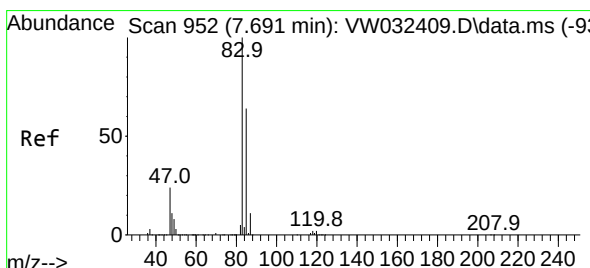
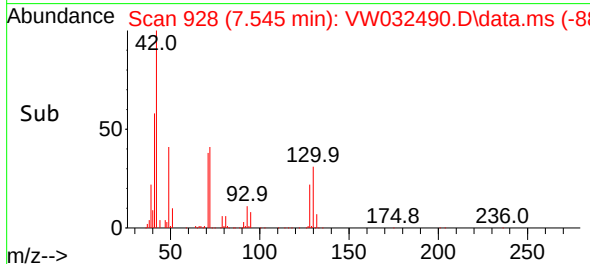
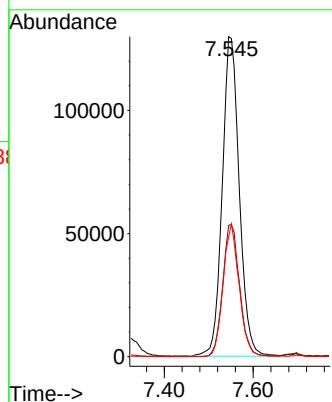
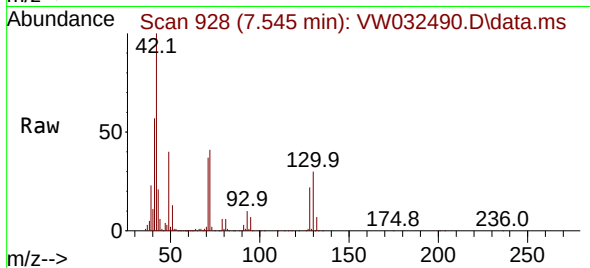
Tgt Ion: 42 Resp: 344899

Ion Ratio Lower Upper

42 100

72 40.9 33.6 50.4

71 39.3 31.4 47.0



#30

Chloroform

Concen: 57.169 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032490.D

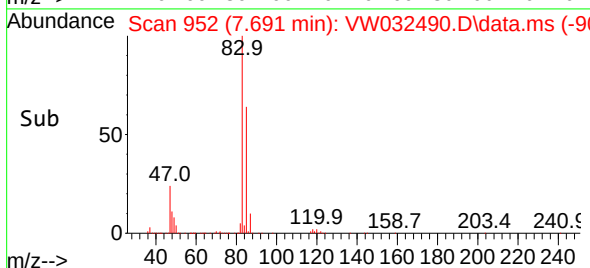
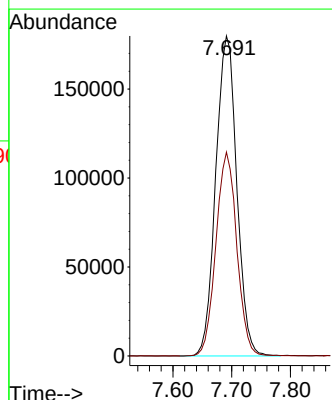
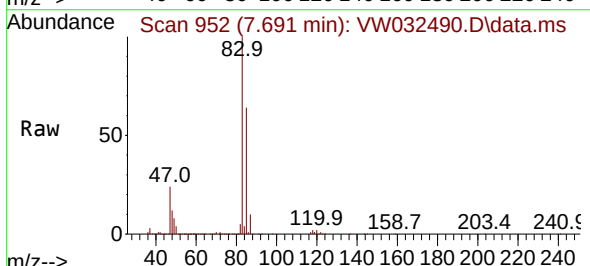
Acq: 19 Nov 2025 10:01

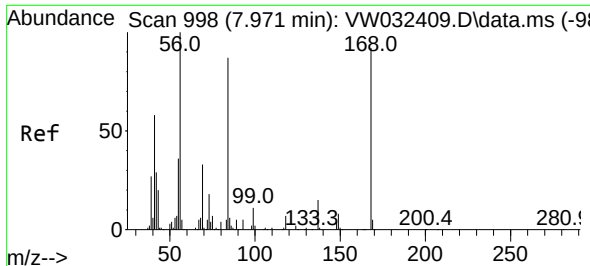
Tgt Ion: 83 Resp: 447741

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.4

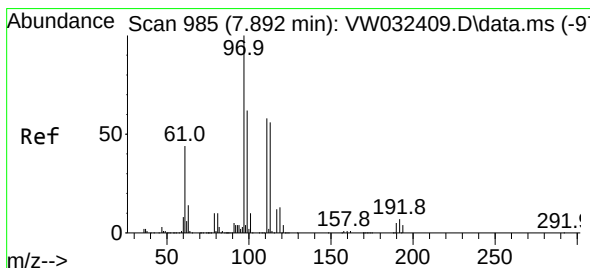
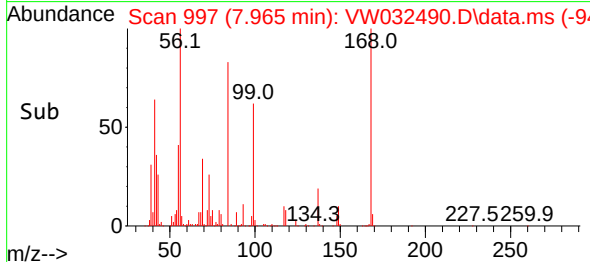
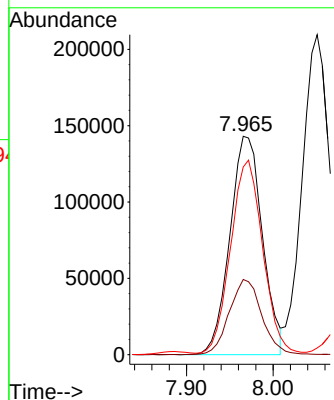
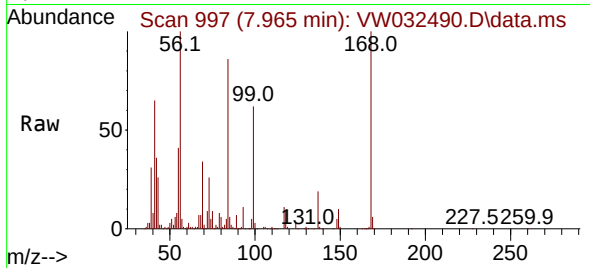




#31
Cyclohexane
Concen: 50.513 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

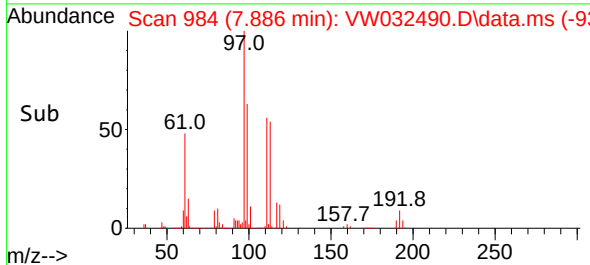
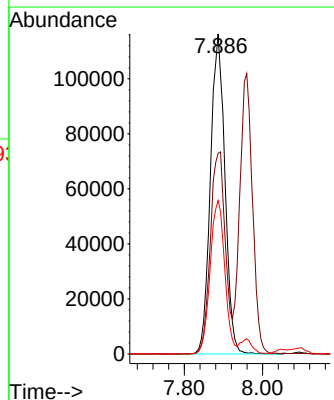
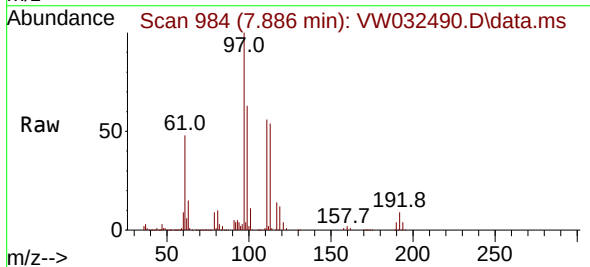
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

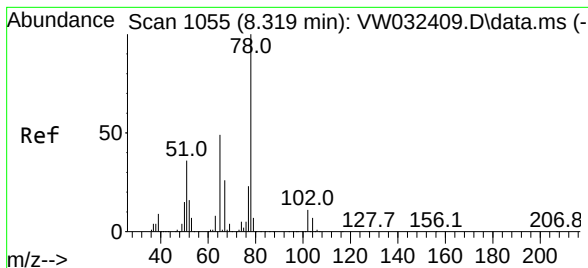
Tgt Ion: 56 Resp: 373822
Ion Ratio Lower Upper
56 100
69 34.5 26.5 39.7
84 84.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 53.262 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 97 Resp: 297998
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.8
61 48.7 35.5 53.3

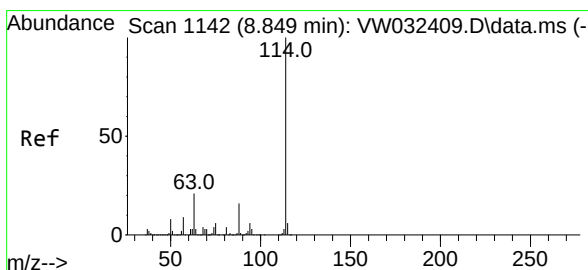
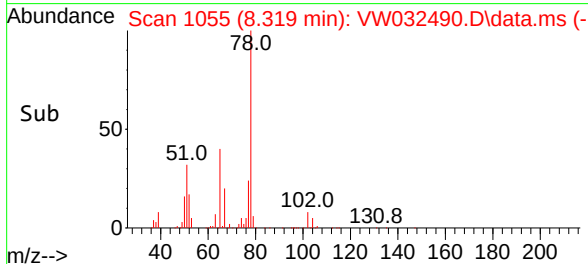
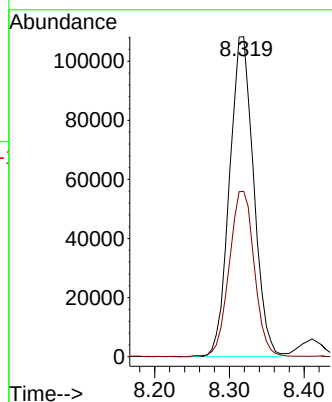
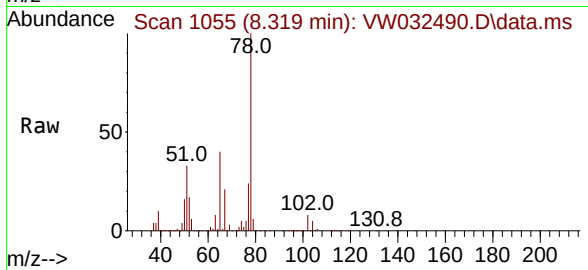




#33
 1,2-Dichloroethane-d4
 Concen: 54.306 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

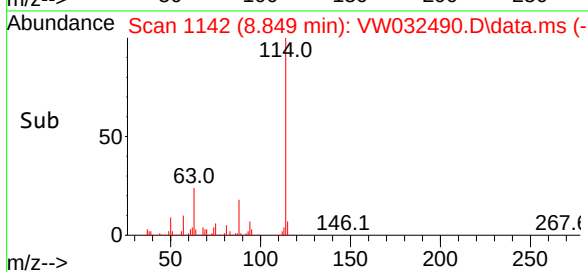
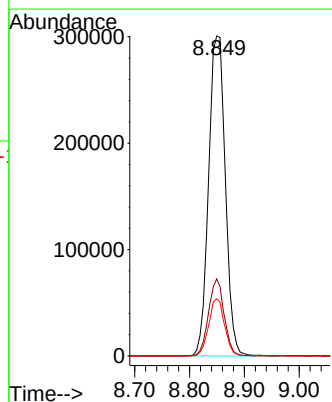
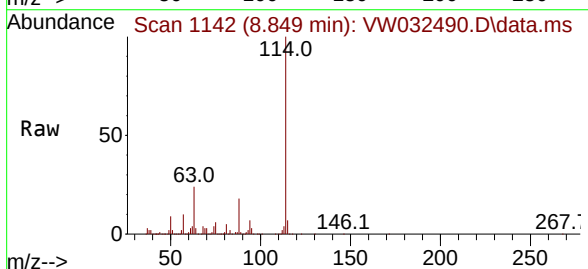
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

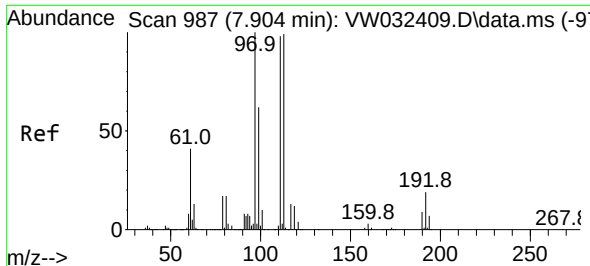
Tgt Ion: 65 Resp: 242926
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

Tgt Ion: 114 Resp: 636403
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 41.8
 88 17.9 0.0 32.6

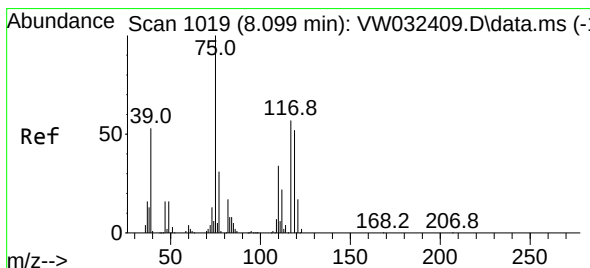
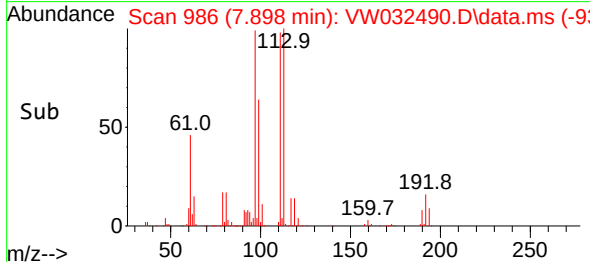
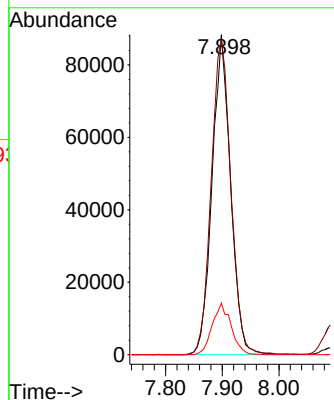
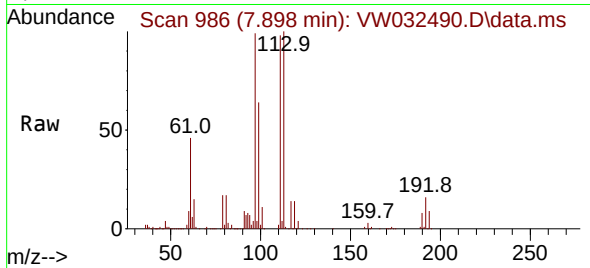




#35
Dibromofluoromethane
Concen: 52.429 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

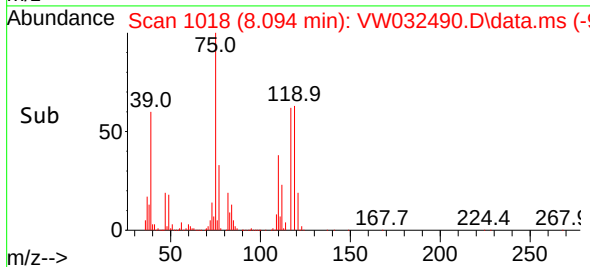
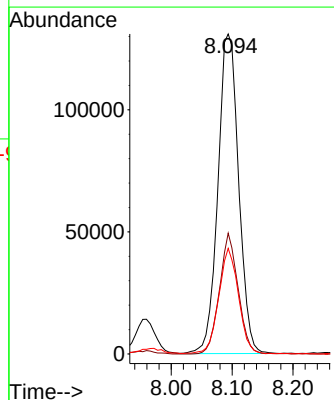
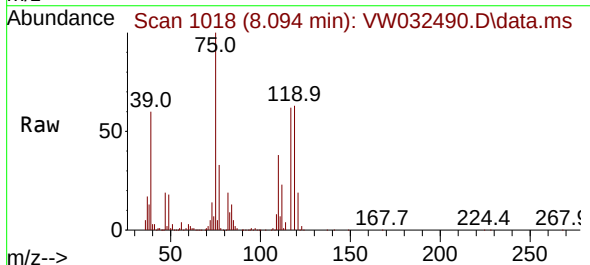
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

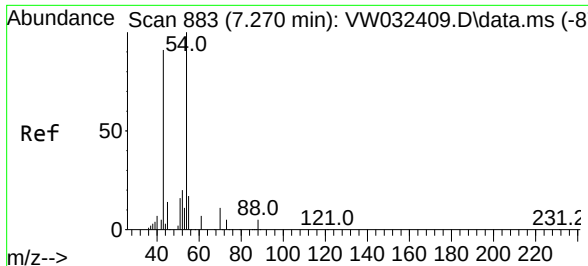
Tgt Ion:113 Resp: 199770
Ion Ratio Lower Upper
113 100
111 105.0 83.1 124.7
192 16.4 13.4 20.2



#36
1,1-Dichloropropene
Concen: 55.124 ug/l
RT: 8.094 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 75 Resp: 309469
Ion Ratio Lower Upper
75 100
110 34.0 17.2 51.5
77 31.4 24.5 36.7

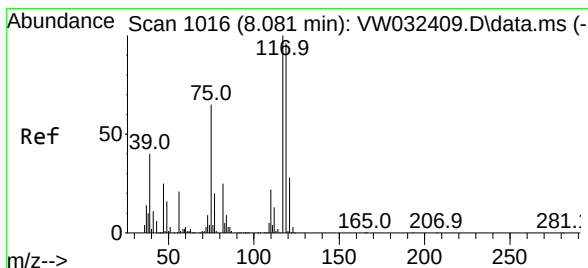
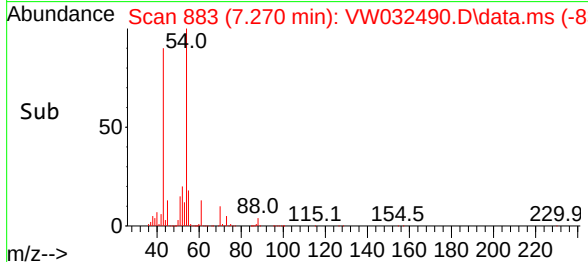
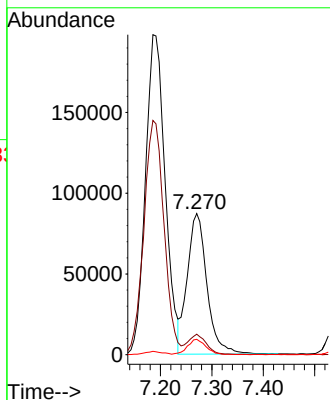
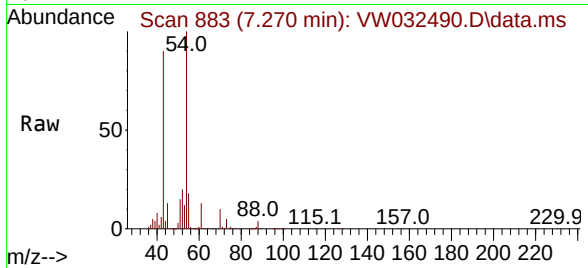




#37
Ethyl Acetate
Concen: 55.532 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

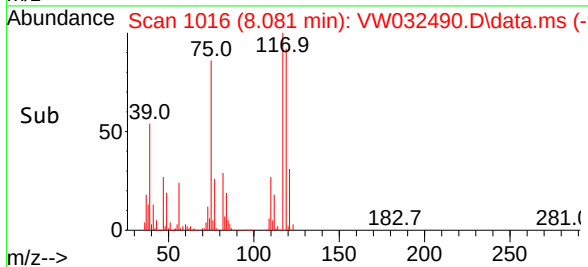
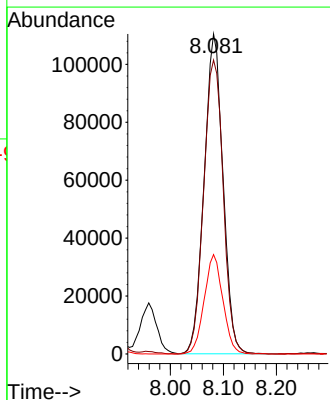
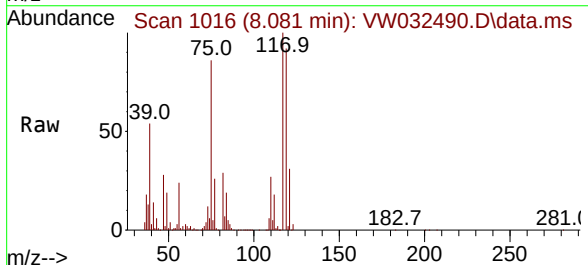
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

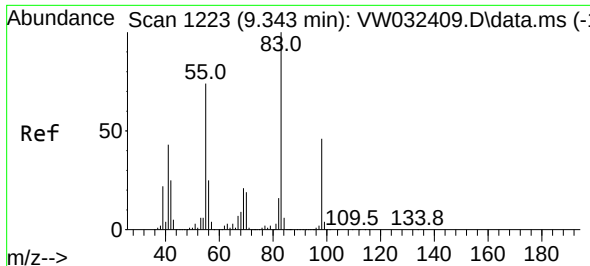
Tgt Ion: 43 Resp: 231826
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 10.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 54.678 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 117 Resp: 272752
Ion Ratio Lower Upper
117 100
119 91.9 77.0 115.4
121 31.1 22.0 33.0

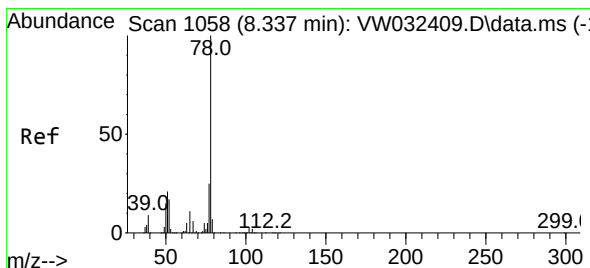
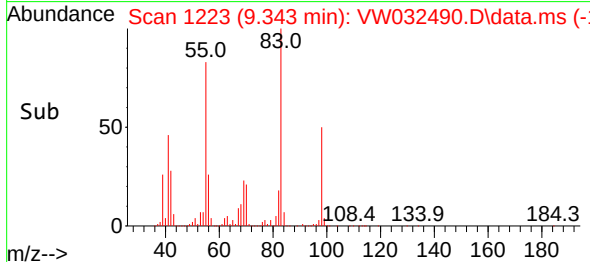
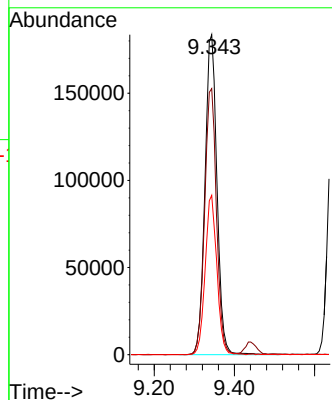
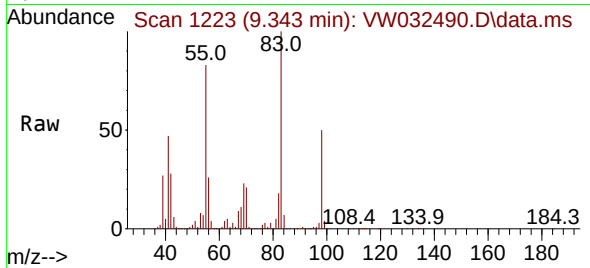




#39
Methylcyclohexane
Concen: 52.464 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

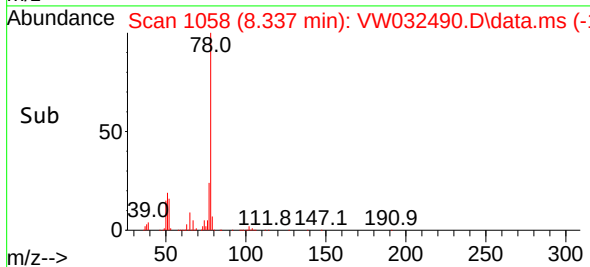
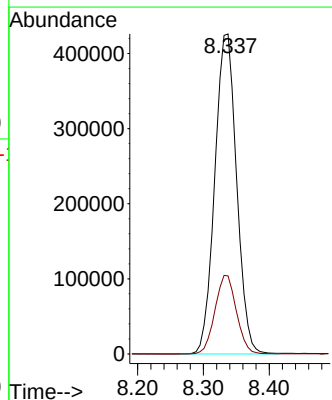
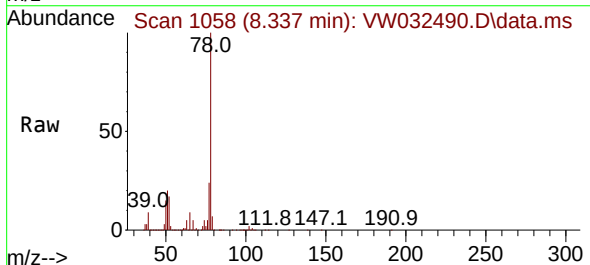
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

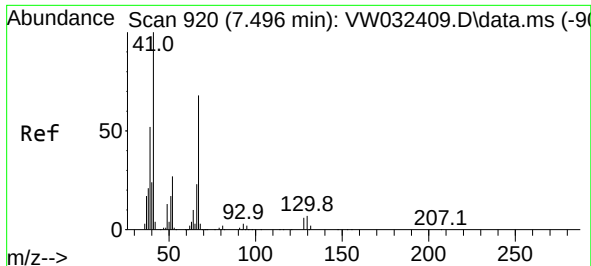
Tgt Ion: 83 Resp: 381563
Ion Ratio Lower Upper
83 100
55 83.1 59.2 88.8
98 49.8 36.6 54.8



#40
Benzene
Concen: 54.391 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 78 Resp: 983355
Ion Ratio Lower Upper
78 100
77 24.4 19.6 29.4

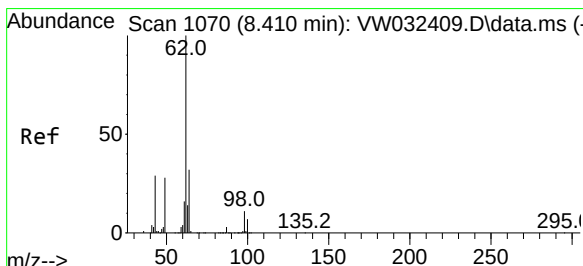
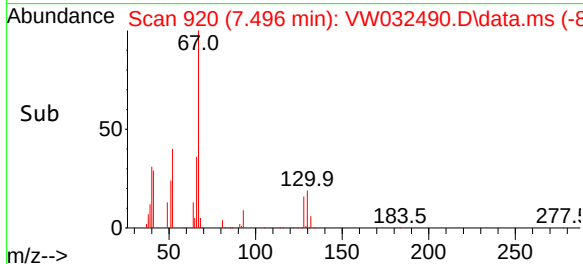
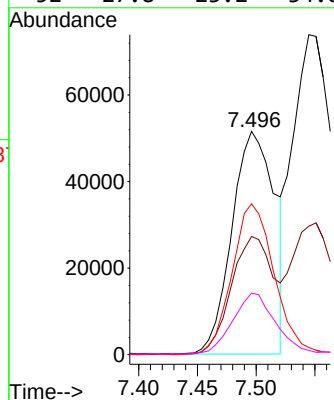
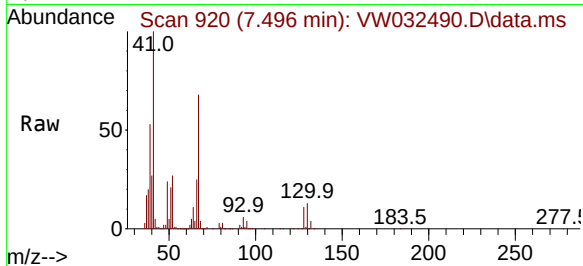




#41
Methacrylonitrile
Concen: 56.903 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

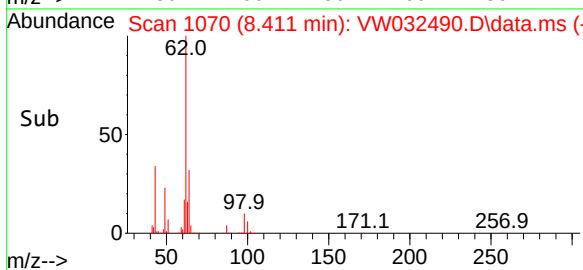
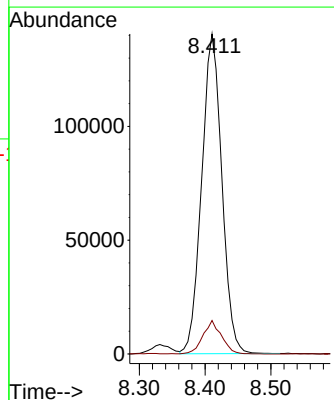
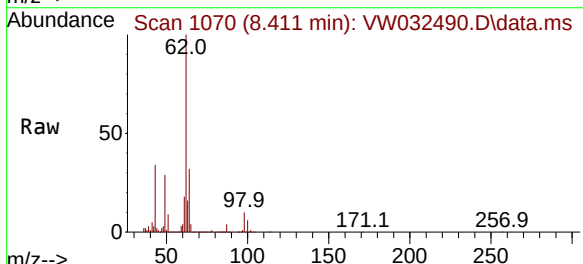
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

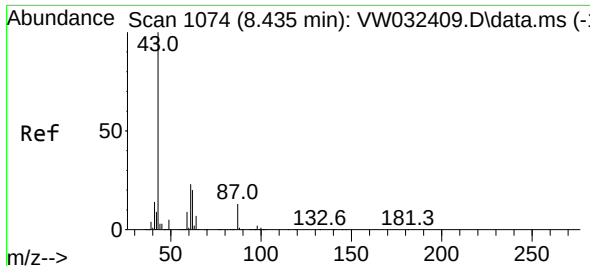
Tgt Ion:	41	Resp:	130492
Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.6	66.8
67	67.7	57.6	86.4
52	27.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 56.528 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion:	62	Resp:	300189
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2

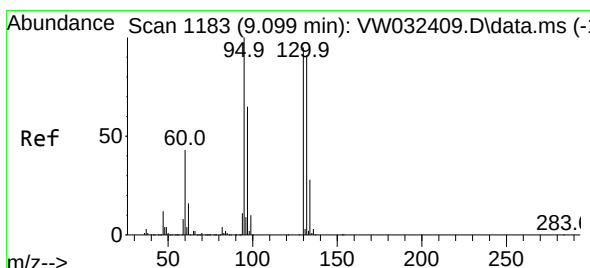
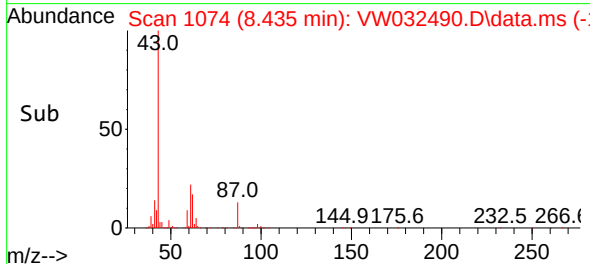
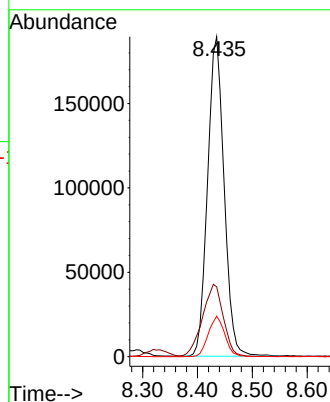
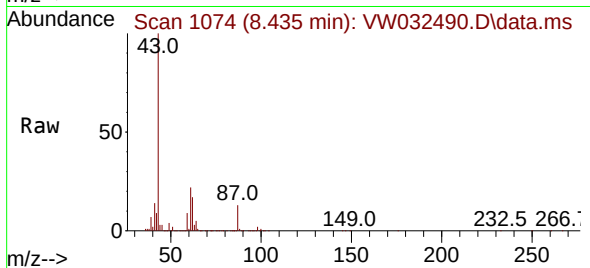




#43
Isopropyl Acetate
Concen: 53.436 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

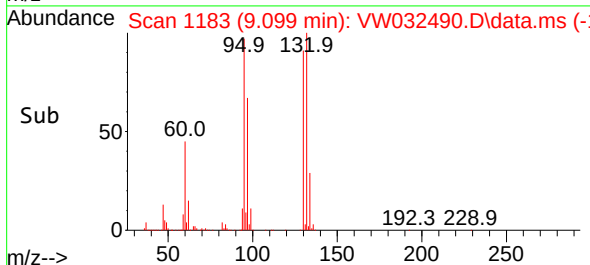
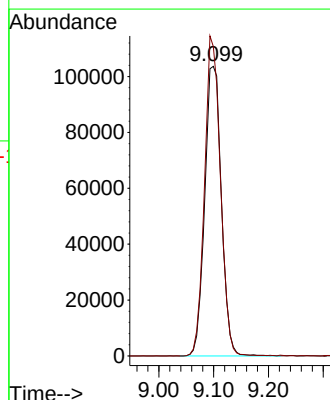
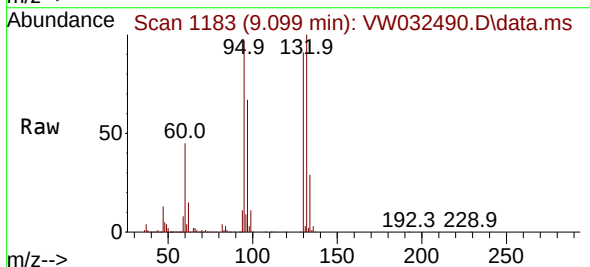
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

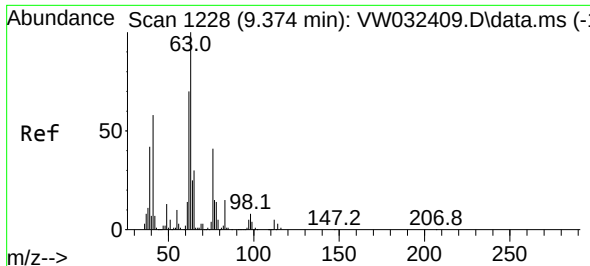
Tgt Ion: 43 Resp: 395000
Ion Ratio Lower Upper
43 100
61 28.5 22.6 33.8
87 12.8 10.6 15.8



#44
Trichloroethene
Concen: 51.903 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 130 Resp: 218354
Ion Ratio Lower Upper
130 100
95 106.8 0.0 209.6





#45

1,2-Dichloropropane

Concen: 56.375 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

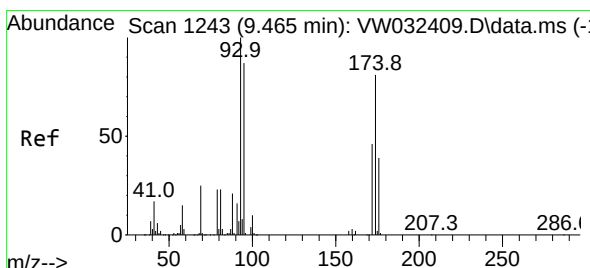
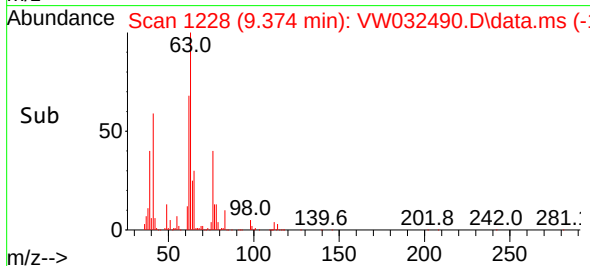
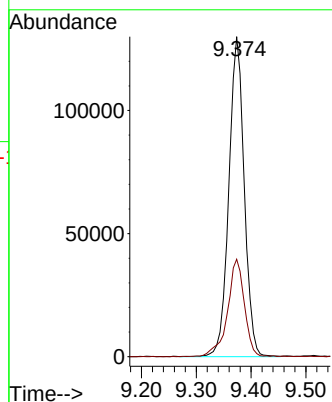
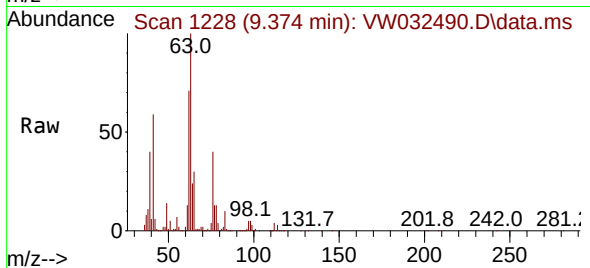
VSTDCCC050

Tgt Ion: 63 Resp: 253790

Ion Ratio Lower Upper

63 100

65 30.4 24.4 36.6



#46

Dibromomethane

Concen: 56.074 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

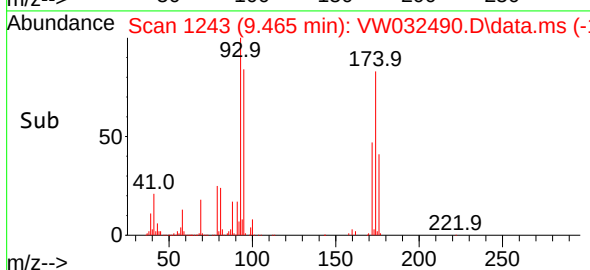
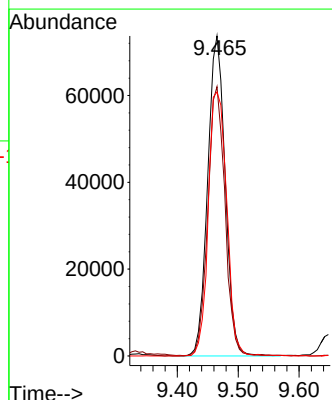
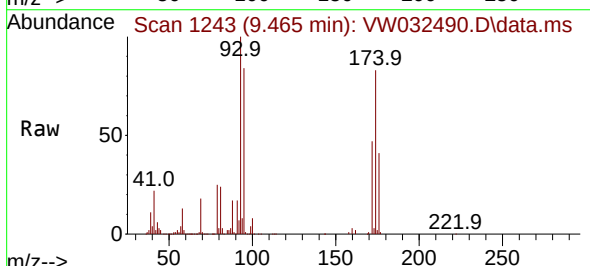
Tgt Ion: 93 Resp: 147513

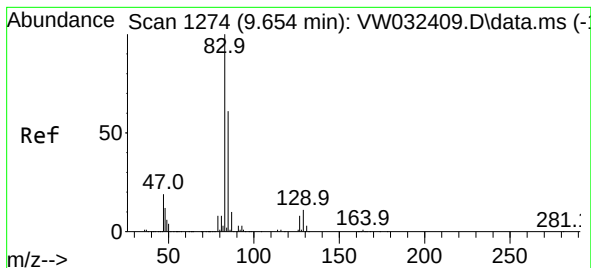
Ion Ratio Lower Upper

93 100

95 81.9 67.1 100.7

174 86.7 68.2 102.4





#47

Bromodichloromethane

Concen: 56.626 ug/l

RT: 9.648 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

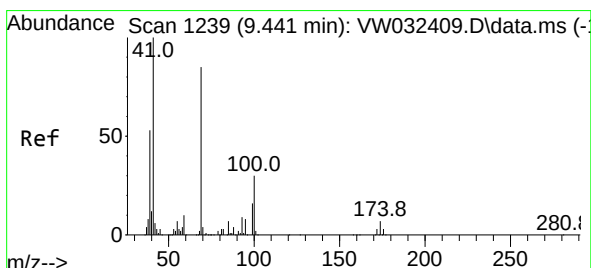
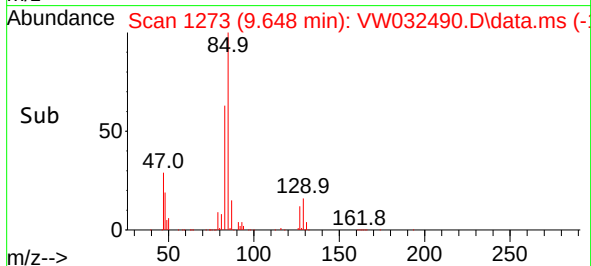
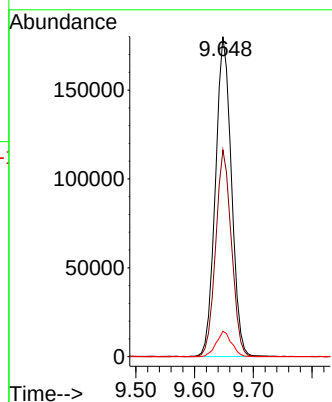
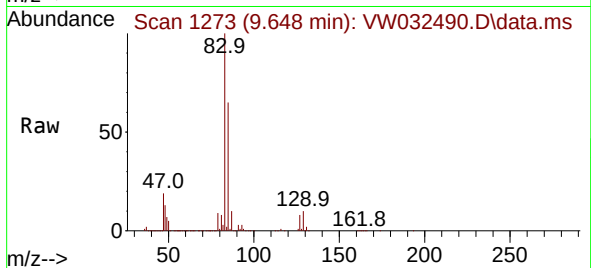
Tgt Ion: 83 Resp: 339805

Ion Ratio Lower Upper

83 100

85 64.6 48.7 73.1

127 8.0 6.3 9.5



#48

Methyl methacrylate

Concen: 51.805 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

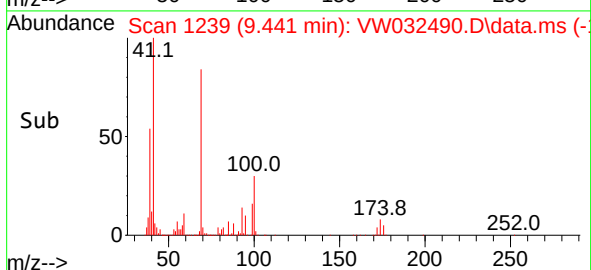
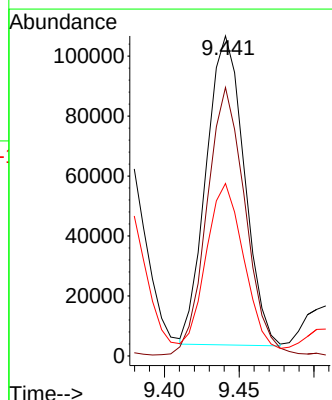
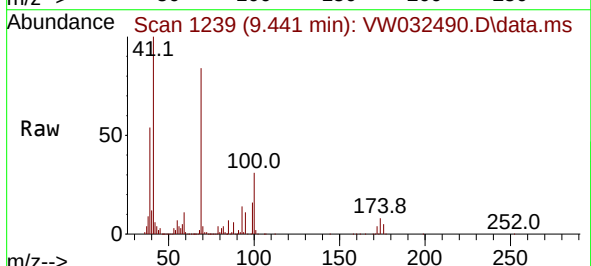
Tgt Ion: 41 Resp: 181969

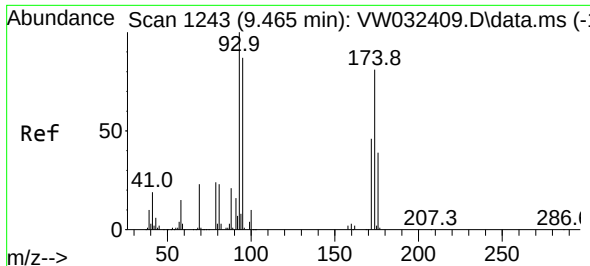
Ion Ratio Lower Upper

41 100

69 88.6 65.8 98.6

39 51.9 38.6 57.8





#49

1,4-Dioxane

Concen: 1128.950 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

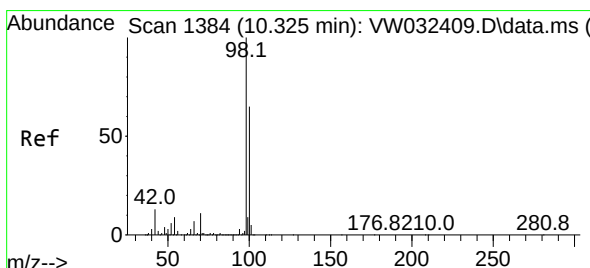
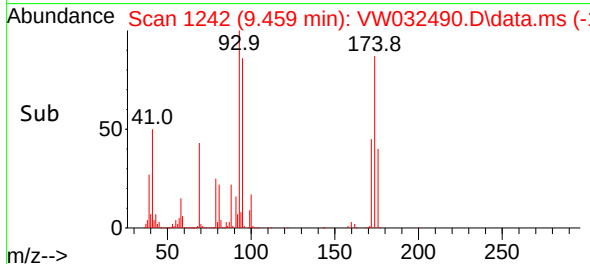
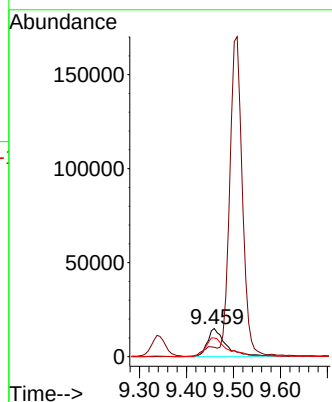
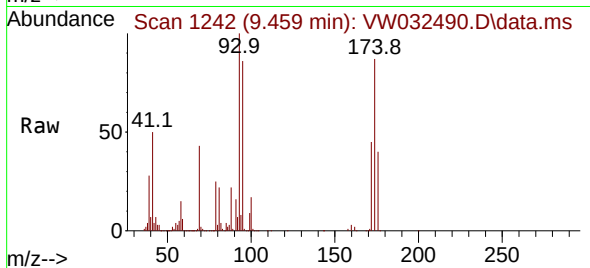
Tgt Ion: 88 Resp: 41605

Ion Ratio Lower Upper

88 100

43 26.1 0.0 0.0#

58 75.6 63.0 94.4



#50

Toluene-d8

Concen: 53.127 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032490.D

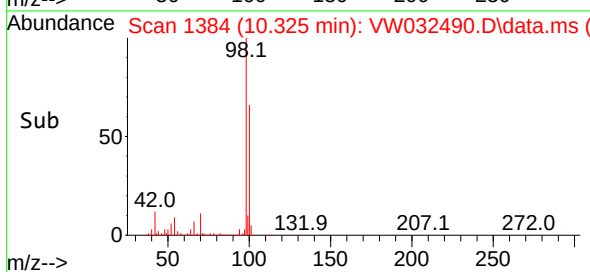
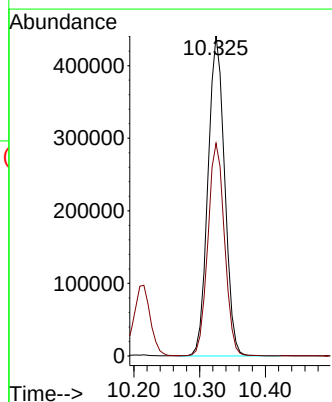
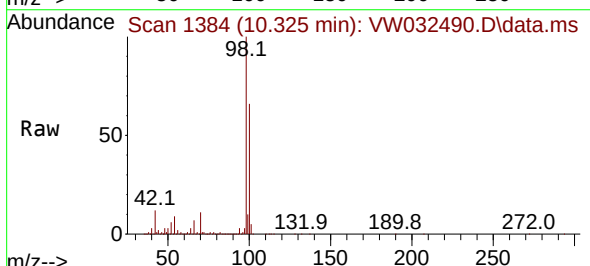
Acq: 19 Nov 2025 10:01

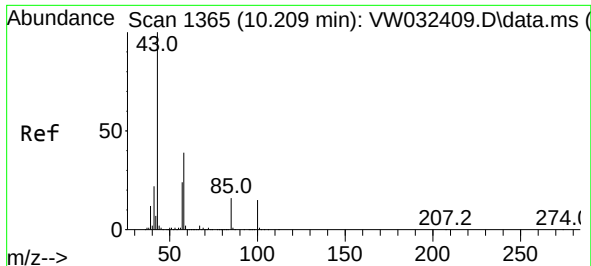
Tgt Ion: 98 Resp: 776593

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9

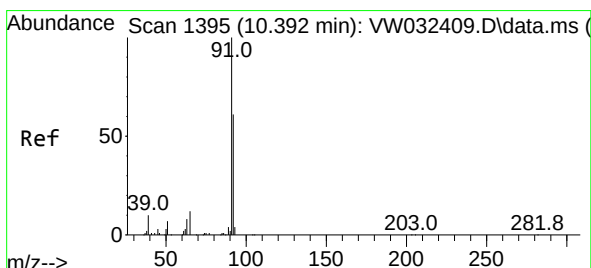
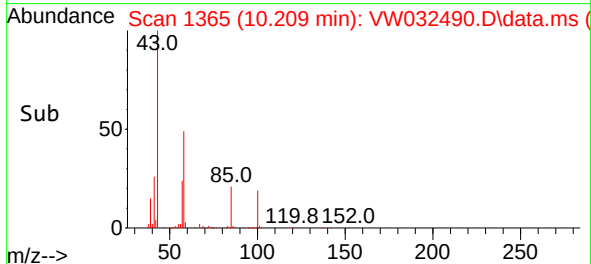
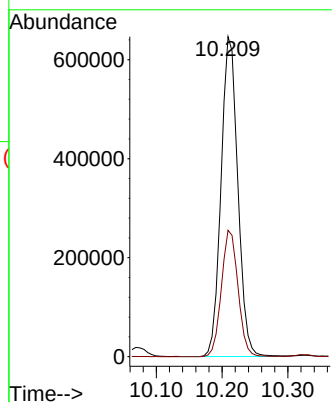
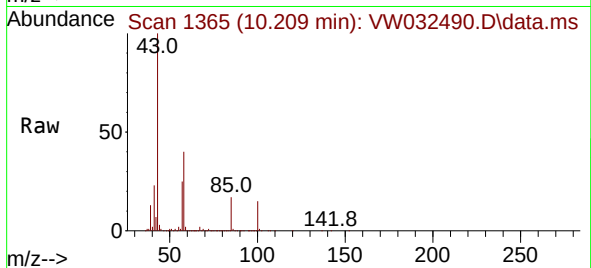




#51
4-Methyl-2-Pentanone
Concen: 280.662 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

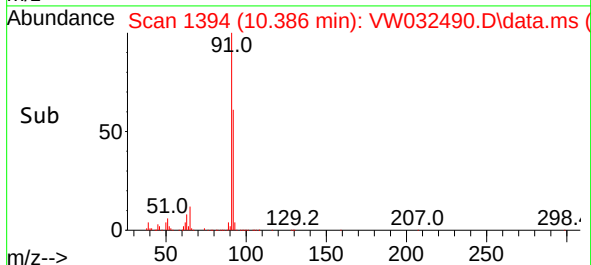
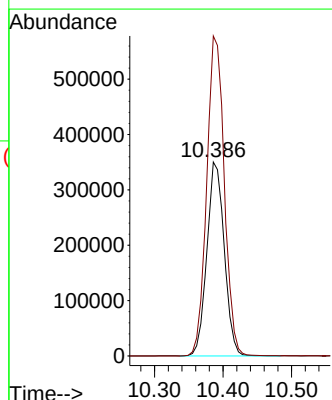
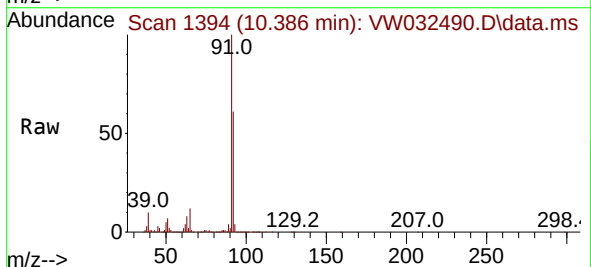
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

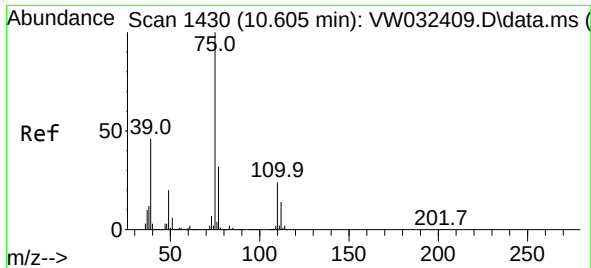
Tgt Ion: 43 Resp: 1146909
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2



#52
Toluene
Concen: 55.318 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 92 Resp: 617759
Ion Ratio Lower Upper
92 100
91 167.4 136.6 205.0

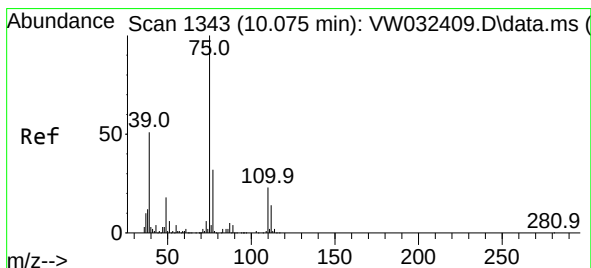
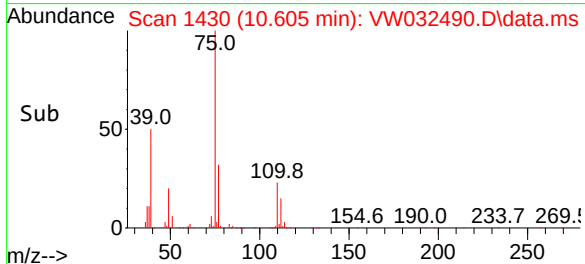
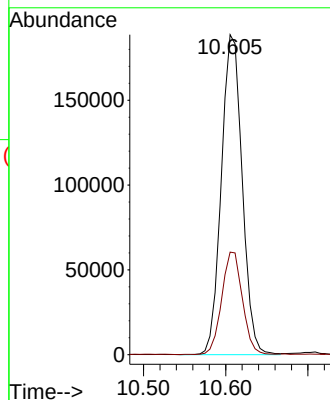
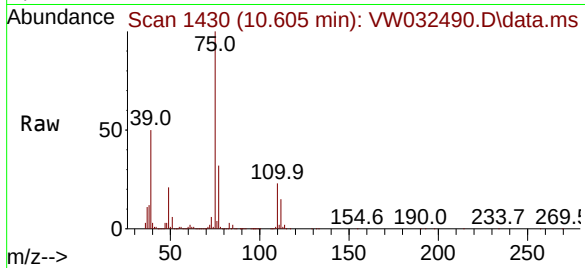




#53
t-1,3-Dichloropropene
Concen: 53.826 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

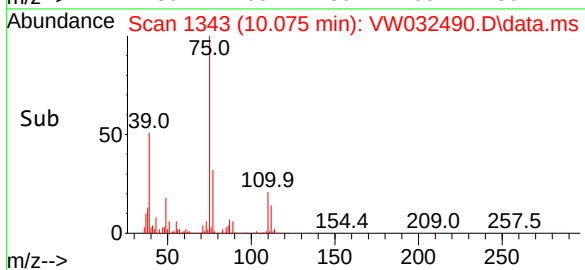
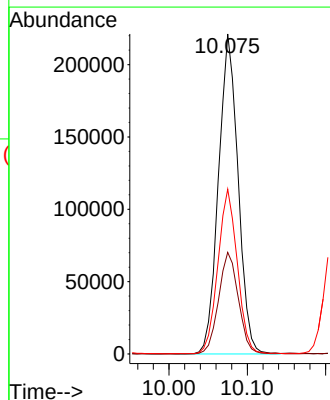
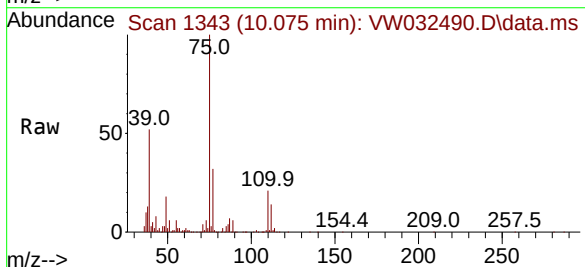
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

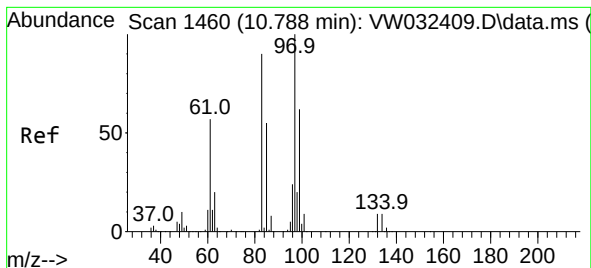
Tgt Ion: 75 Resp: 332651
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 53.817 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 75 Resp: 384628
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 51.4 40.7 61.1

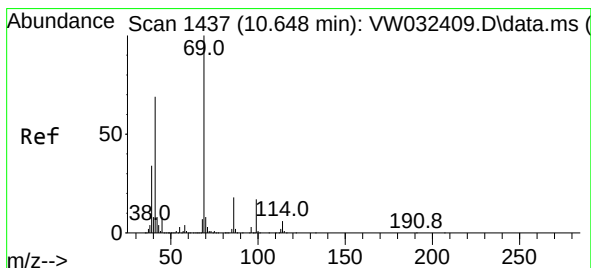
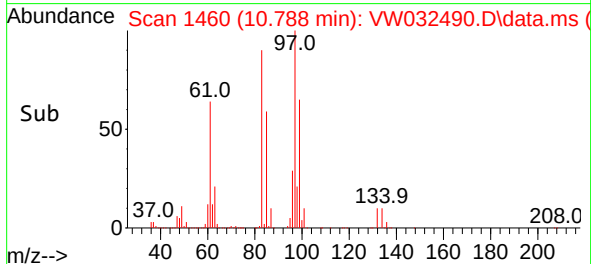
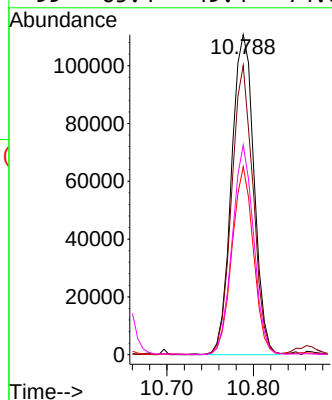
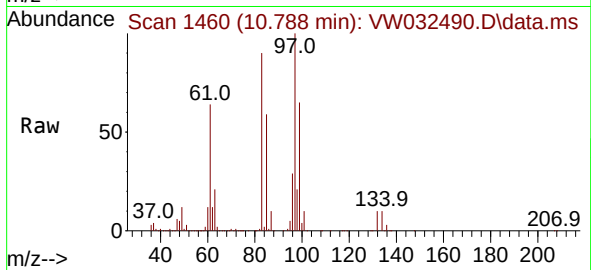




#55
1,1,2-Trichloroethane
Concen: 55.515 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

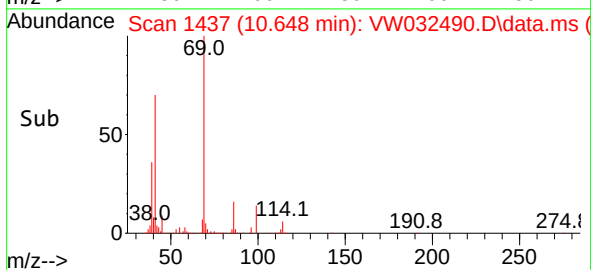
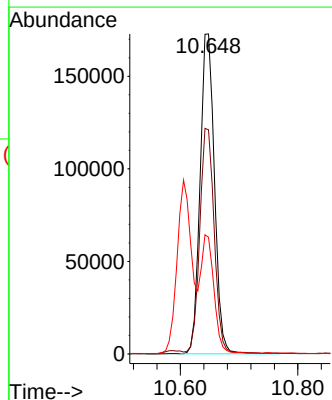
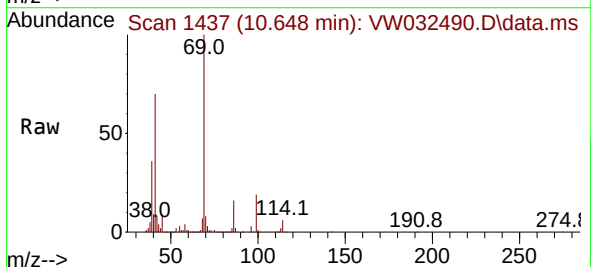
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

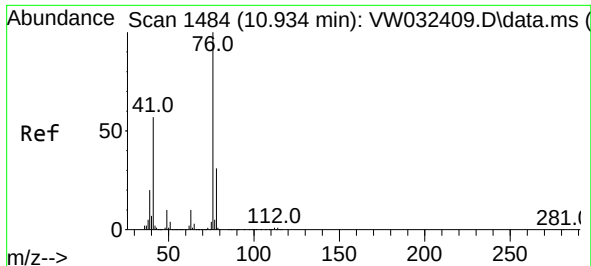
Tgt Ion: 97 Resp: 200347
Ion Ratio Lower Upper
97 100
83 90.2 72.2 108.4
85 58.6 43.8 65.8
99 65.4 49.4 74.0



#56
Ethyl methacrylate
Concen: 53.007 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 69 Resp: 293517
Ion Ratio Lower Upper
69 100
41 70.7 54.4 81.6
39 32.4 25.4 38.0





#57

1,3-Dichloropropane

Concen: 55.570 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

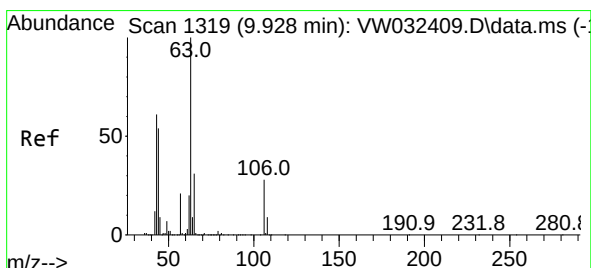
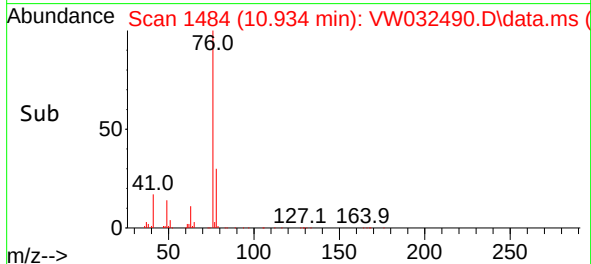
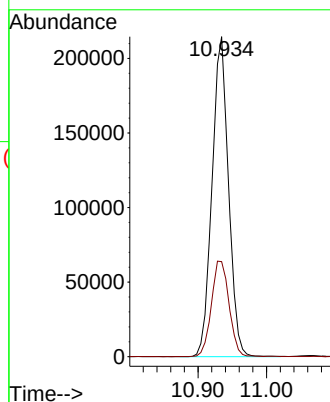
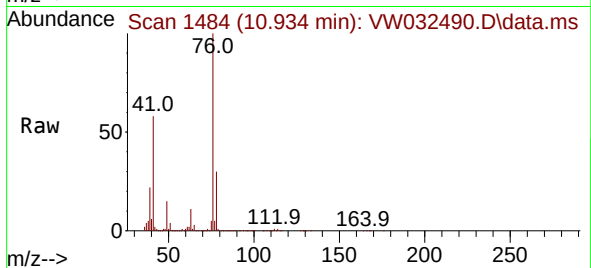
VSTDCCC050

Tgt Ion: 76 Resp: 358185

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 292.727 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032490.D

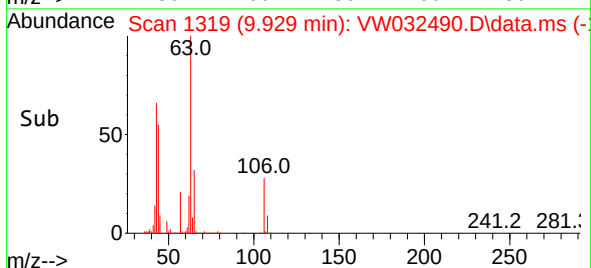
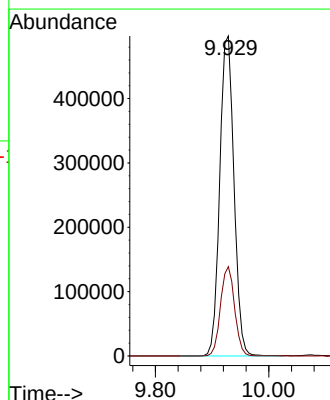
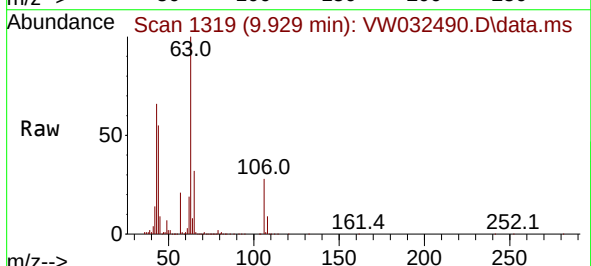
Acq: 19 Nov 2025 10:01

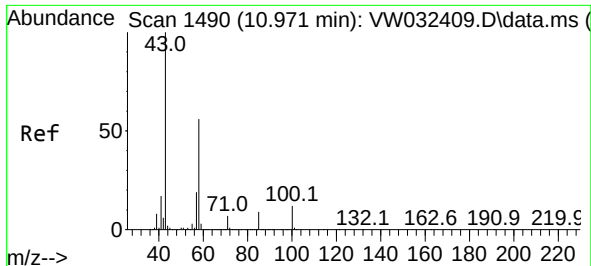
Tgt Ion: 63 Resp: 863212

Ion Ratio Lower Upper

63 100

106 27.6 22.0 33.0

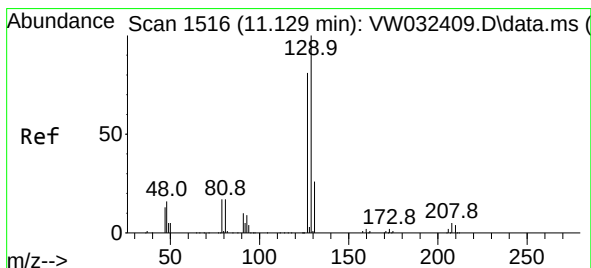
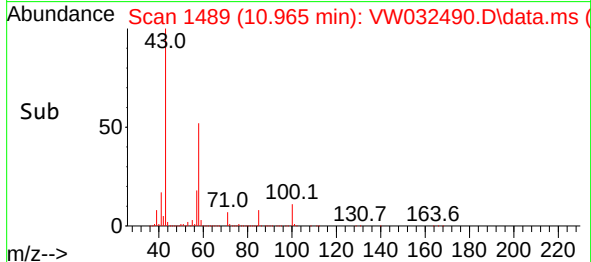
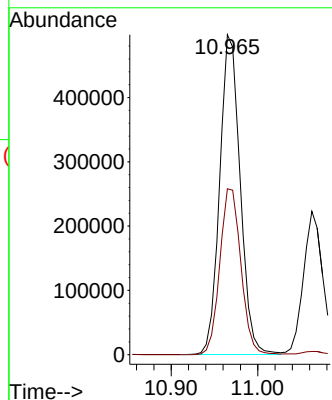
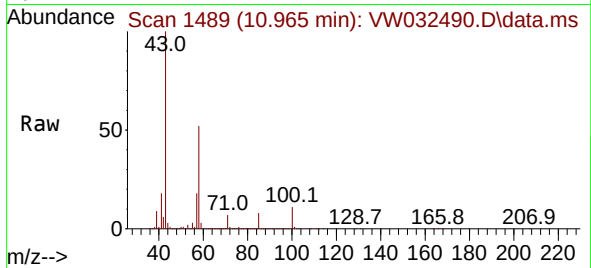




#59
2-Hexanone
Concen: 273.719 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

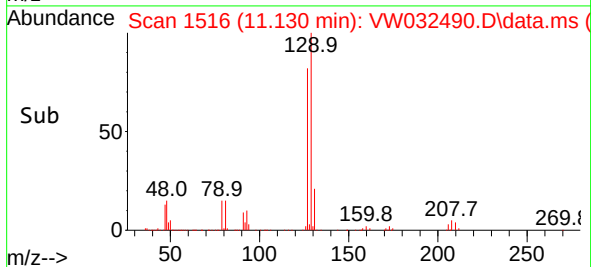
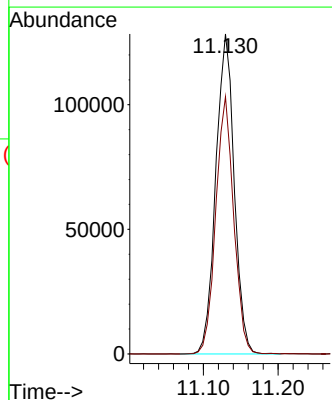
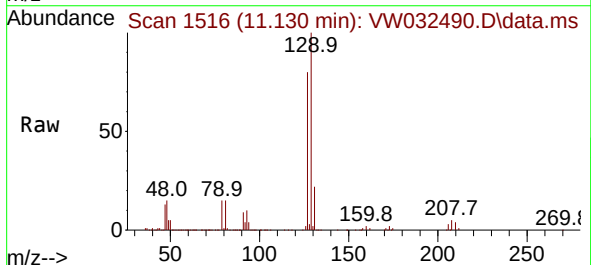
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

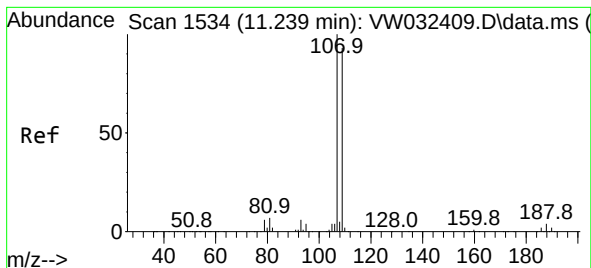
Tgt Ion: 43 Resp: 818361
Ion Ratio Lower Upper
43 100
58 53.5 27.4 82.2



#60
Dibromochloromethane
Concen: 54.646 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 129 Resp: 220231
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6

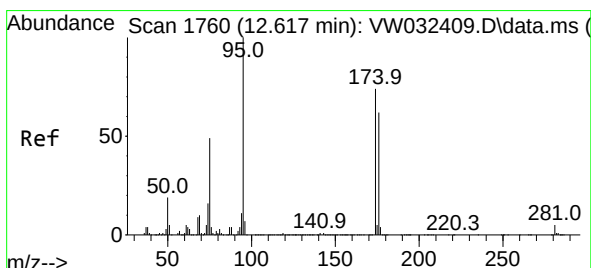
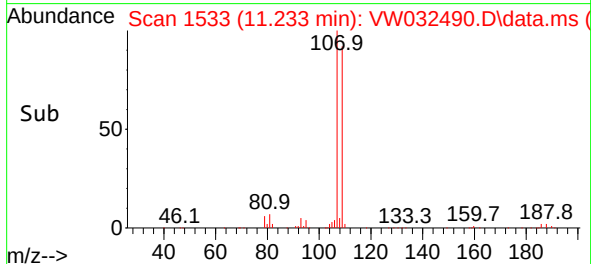
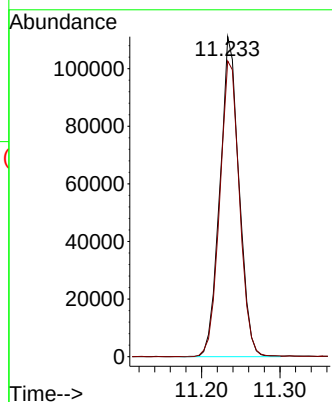
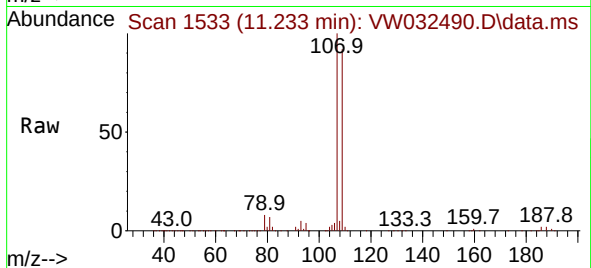




#61
1,2-Dibromoethane
Concen: 53.662 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

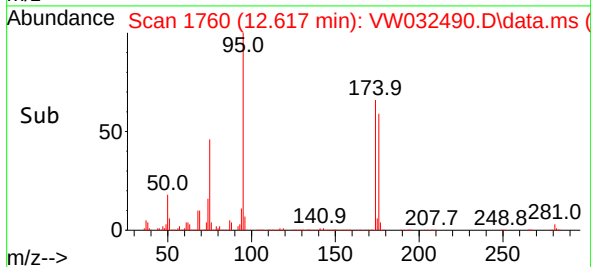
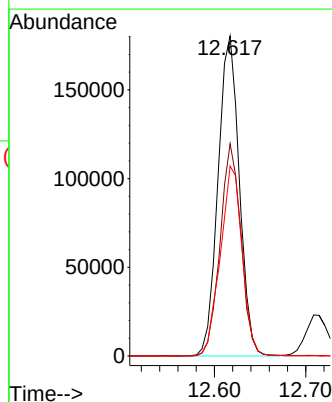
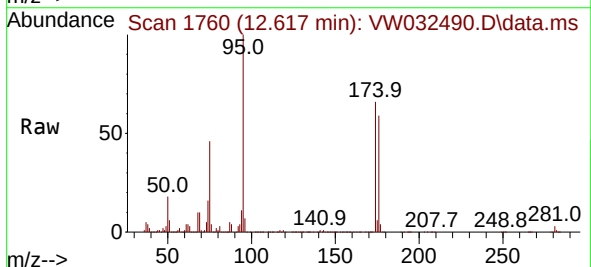
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

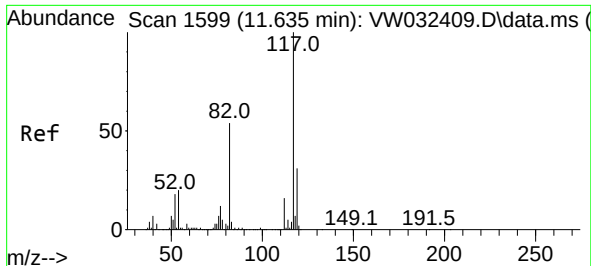
Tgt Ion:107 Resp: 188620
Ion Ratio Lower Upper
107 100
109 95.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 52.898 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 95 Resp: 292101
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.4
176 60.8 0.0 131.8

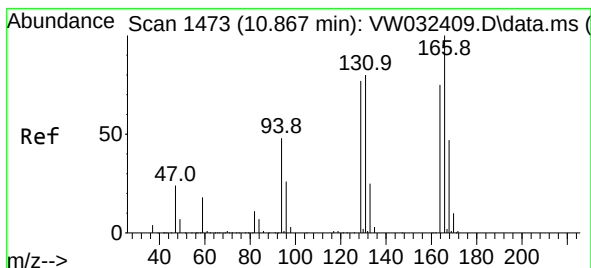
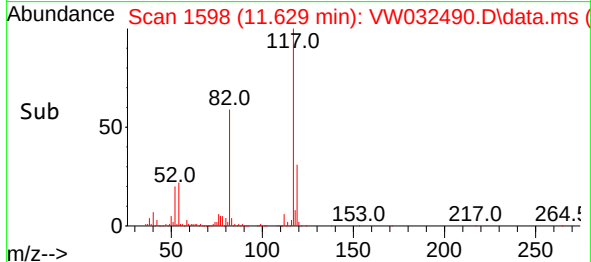
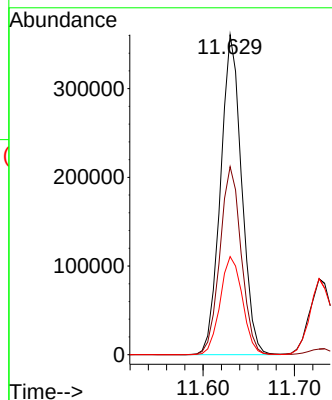
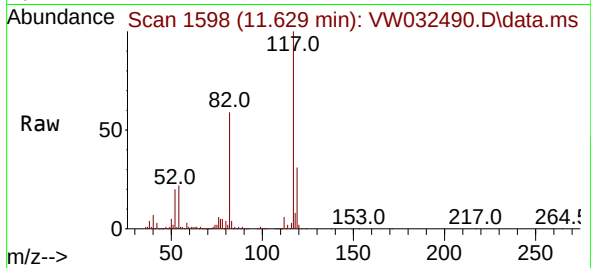




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

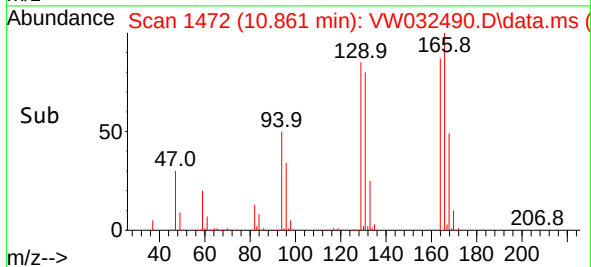
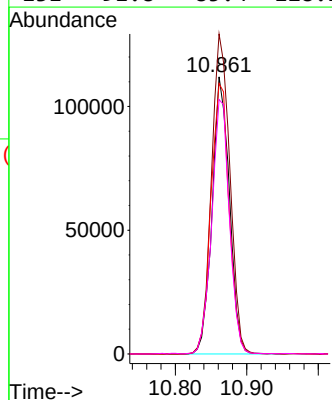
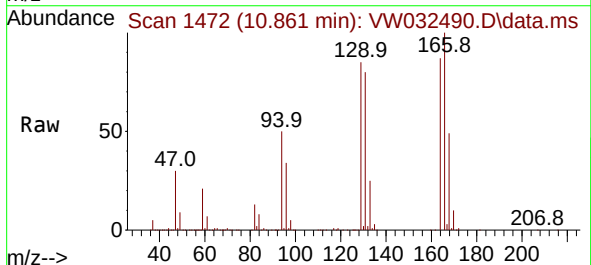
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

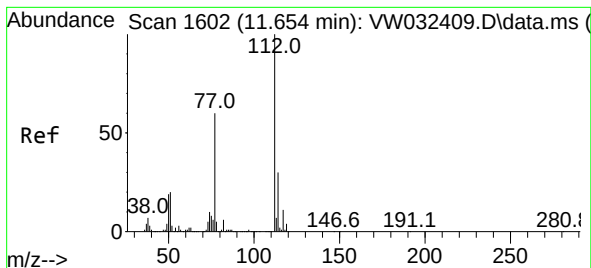
Tgt Ion:117 Resp: 579827
Ion Ratio Lower Upper
117 100
82 58.8 43.0 64.4
119 30.6 25.0 37.6



#64
Tetrachloroethene
Concen: 54.797 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion:164 Resp: 188152
Ion Ratio Lower Upper
164 100
166 115.5 107.0 160.4
129 97.6 82.9 124.3
131 91.8 85.4 128.2





#65

Chlorobenzene

Concen: 53.161 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

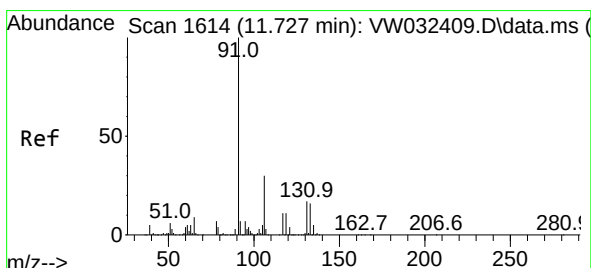
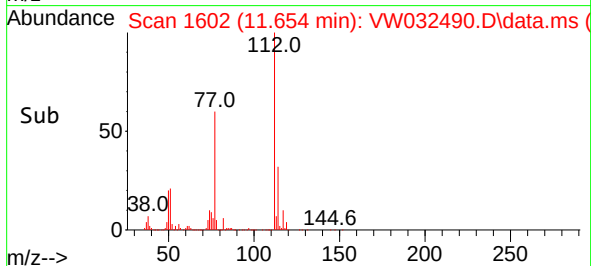
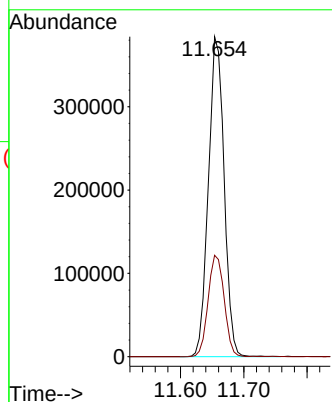
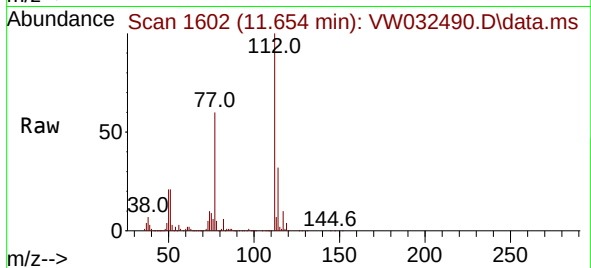
VSTDCCC050

Tgt Ion:112 Resp: 664366

Ion Ratio Lower Upper

112 100

114 31.7 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.649 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

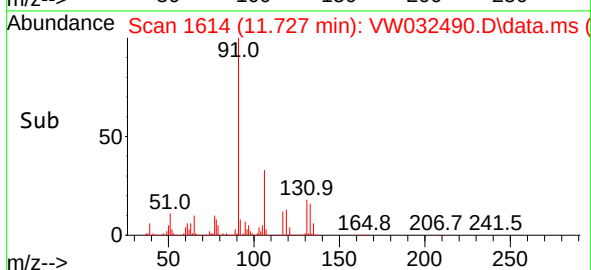
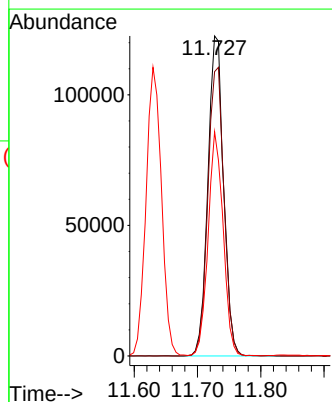
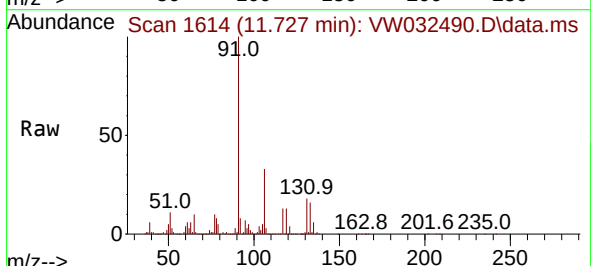
Tgt Ion:131 Resp: 211366

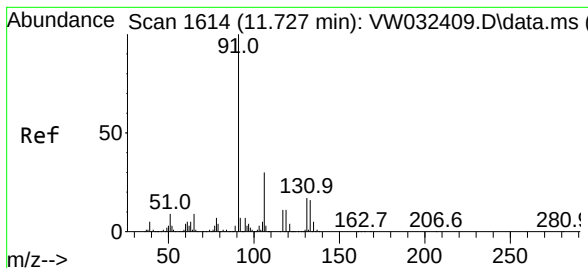
Ion Ratio Lower Upper

131 100

133 93.1 46.9 140.6

119 67.3 33.4 100.2

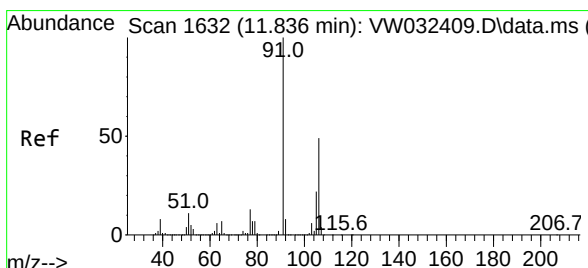
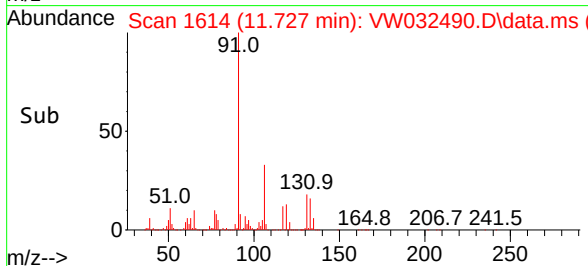
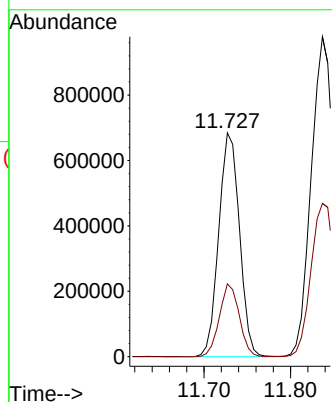
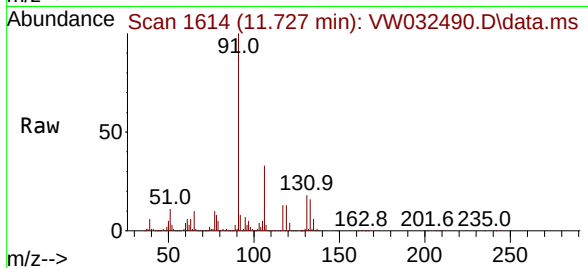




#67
Ethyl Benzene
Concen: 52.638 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

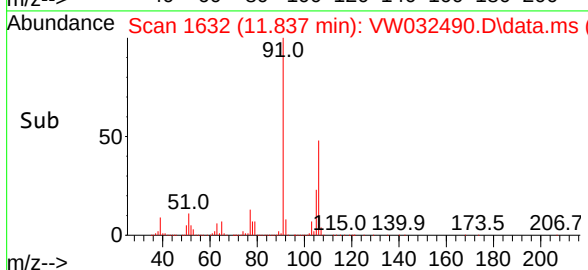
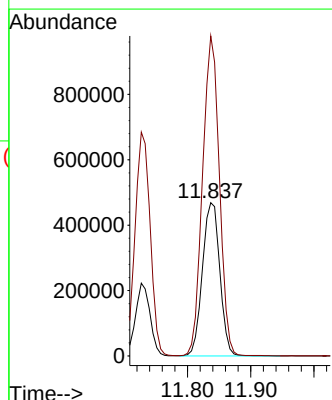
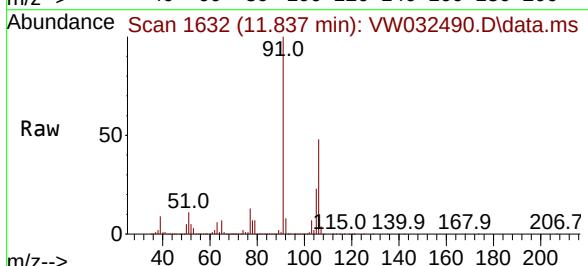
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

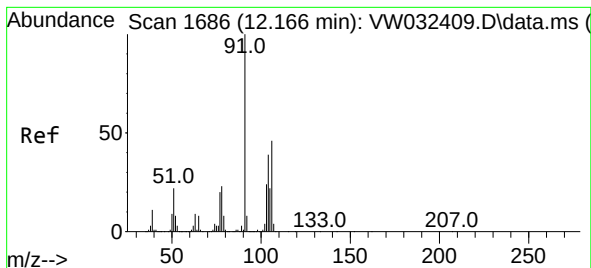
Tgt Ion: 91 Resp: 1138253
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.2



#68
m/p-Xylenes
Concen: 110.506 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion:106 Resp: 897191
Ion Ratio Lower Upper
106 100
91 202.5 165.5 248.3

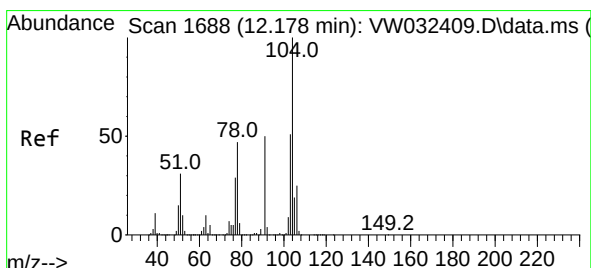
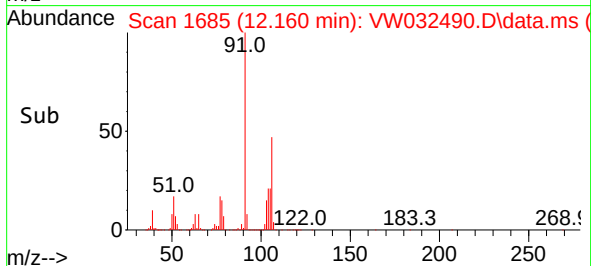
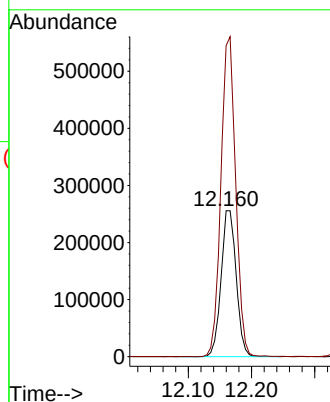
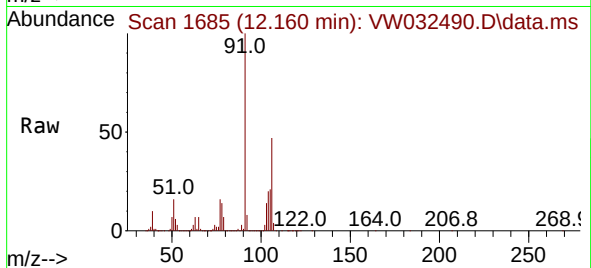




#69
o-Xylene
Concen: 54.202 ug/l
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

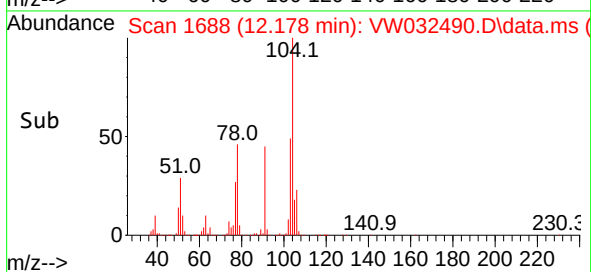
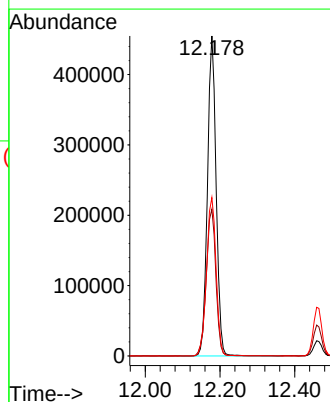
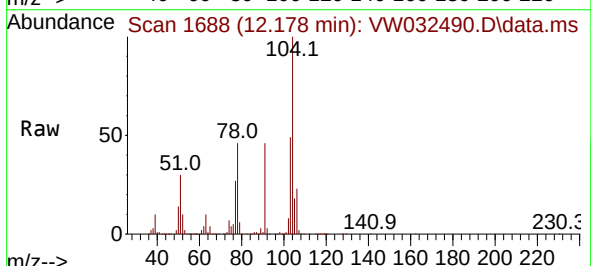
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

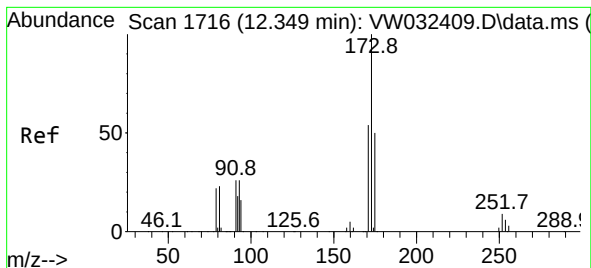
Tgt Ion:106 Resp: 421359
Ion Ratio Lower Upper
106 100
91 214.6 109.3 327.8



#70
Styrene
Concen: 54.734 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion:104 Resp: 731948
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 54.7 43.9 65.9





#71

Bromoform

Concen: 53.540 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

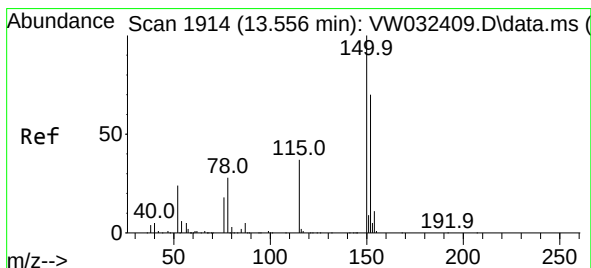
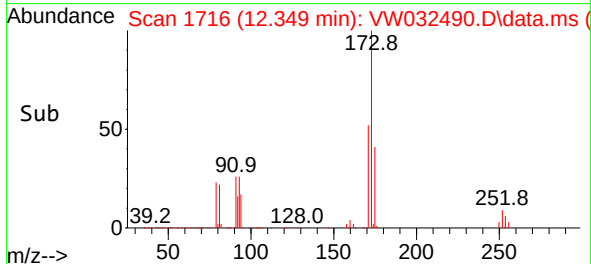
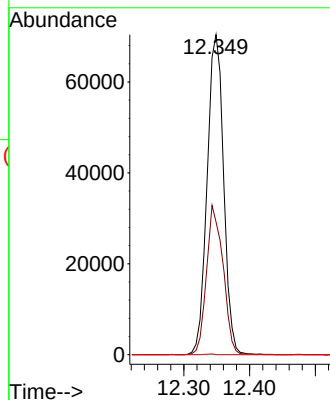
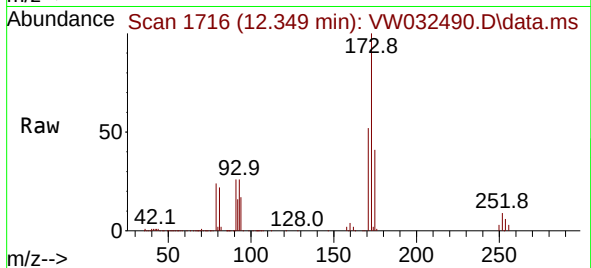
Tgt Ion:173 Resp: 122654

Ion Ratio Lower Upper

173 100

175 47.0 25.1 75.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

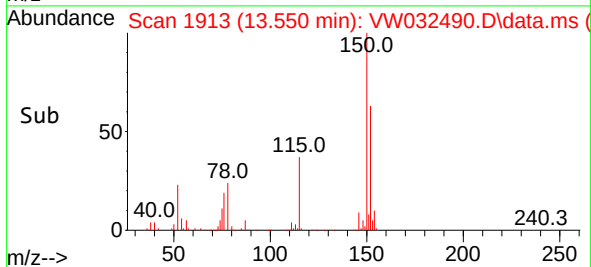
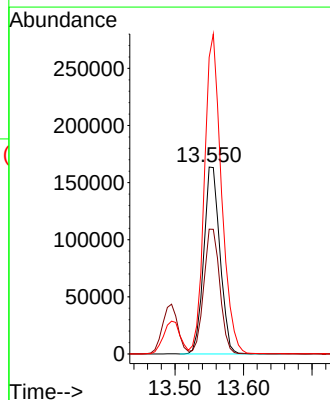
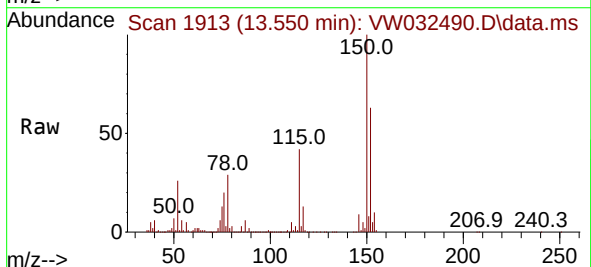
Tgt Ion:152 Resp: 269243

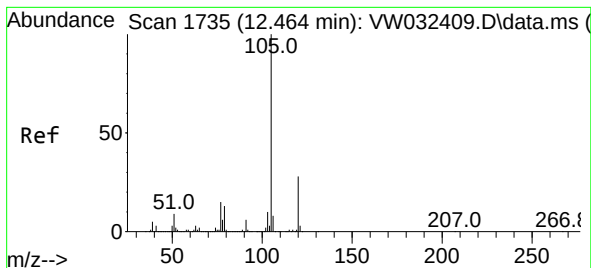
Ion Ratio Lower Upper

152 100

115 66.3 32.8 98.3

150 179.9 0.0 356.6





#73

Isopropylbenzene

Concen: 53.648 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

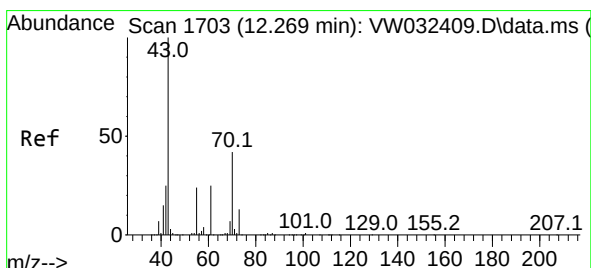
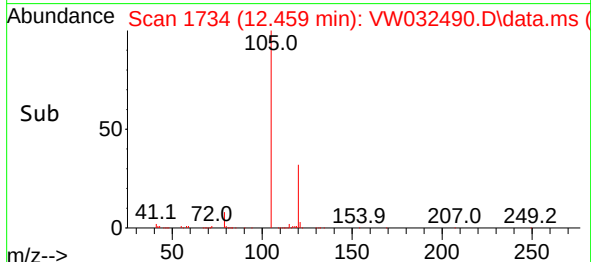
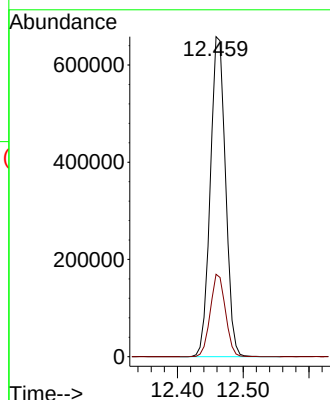
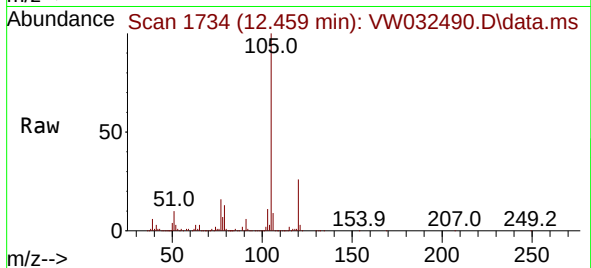
VSTDCCC050

Tgt Ion:105 Resp: 1060845

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



#74

N-ethyl acetate

Concen: 52.674 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Tgt Ion: 43 Resp: 361944

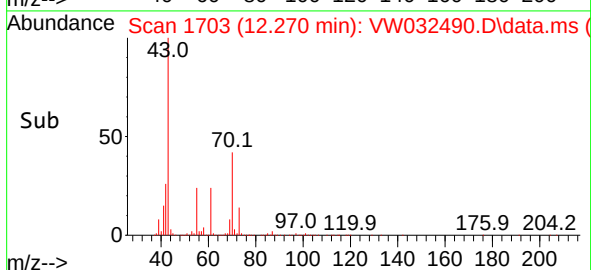
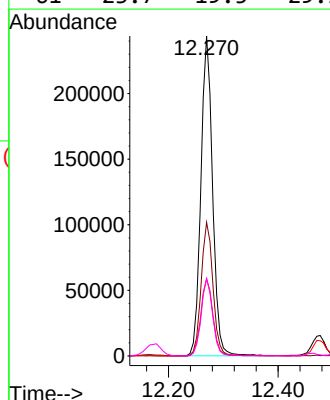
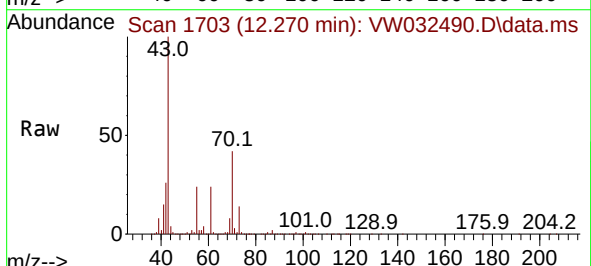
Ion Ratio Lower Upper

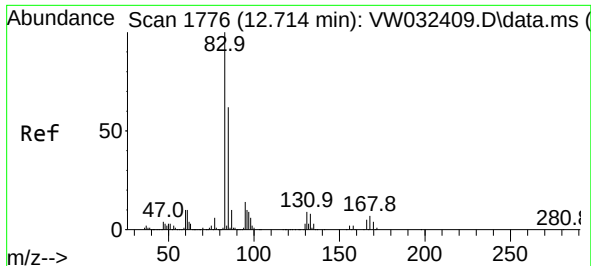
43 100

70 42.2 33.5 50.3

55 25.0 19.3 28.9

61 23.7 19.5 29.3

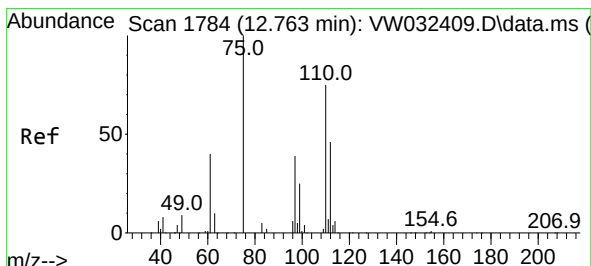
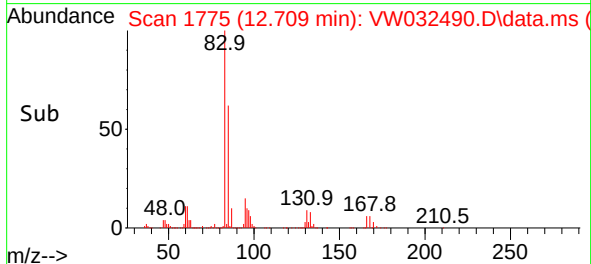
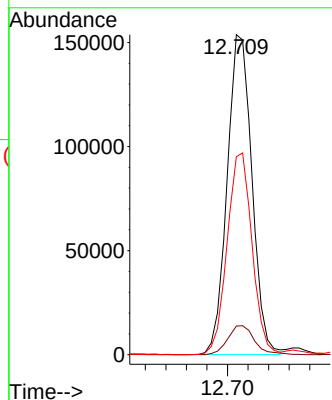
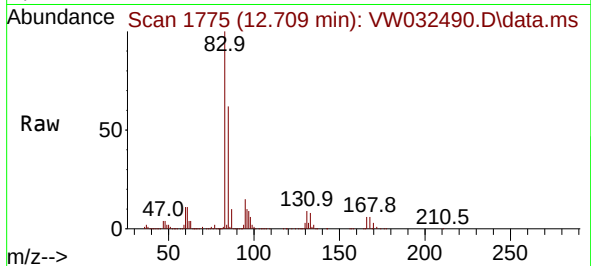




#75
1,1,2,2-Tetrachloroethane
Concen: 54.793 ug/l
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

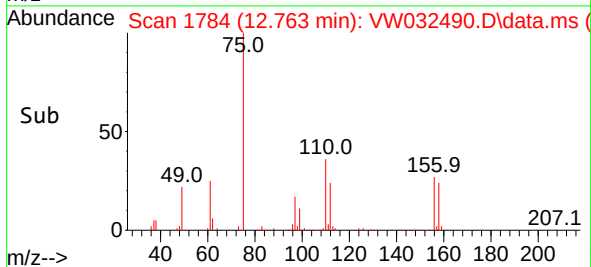
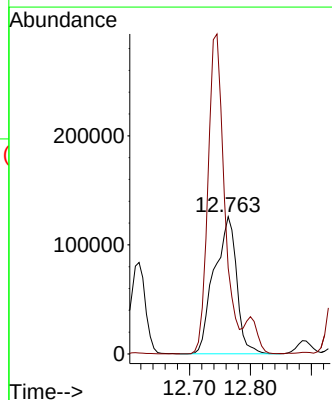
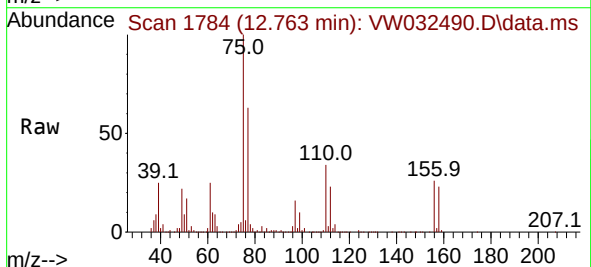
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

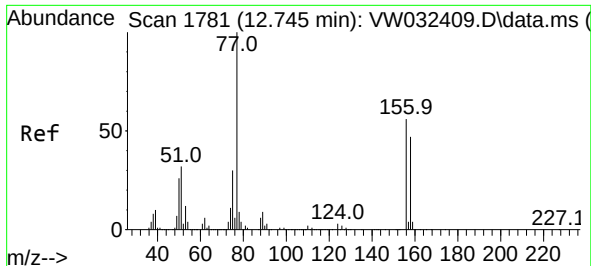
Tgt Ion: 83 Resp: 257138
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.5 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 87.163 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 75 Resp: 321786
Ion Ratio Lower Upper
75 100
77 170.6 151.6 454.8

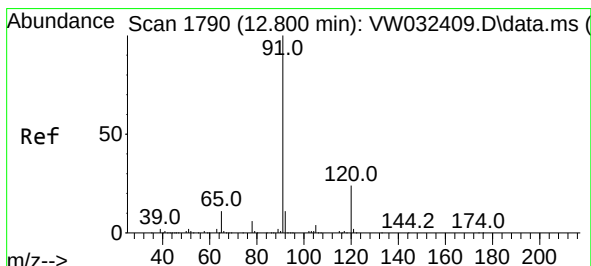
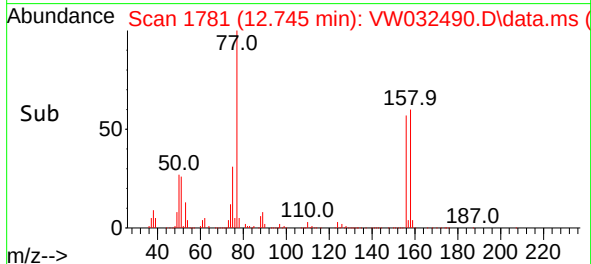
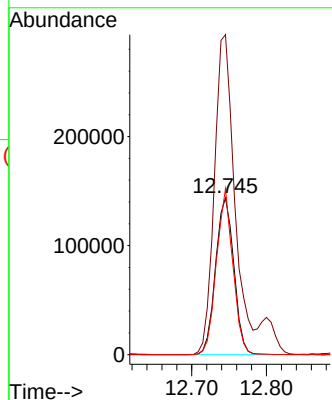
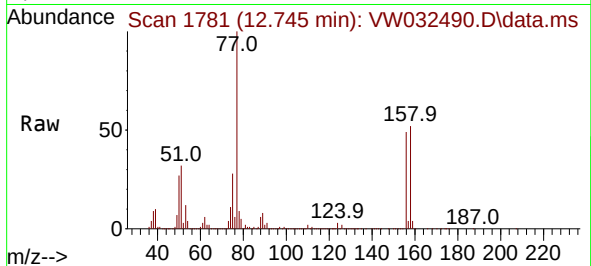




#77
Bromobenzene
Concen: 52.298 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

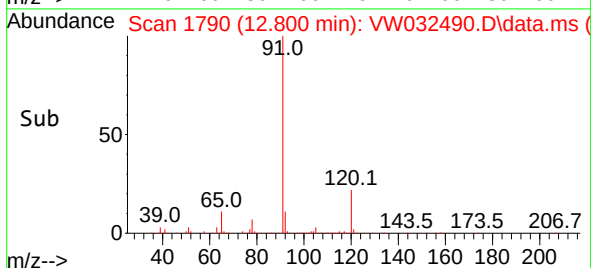
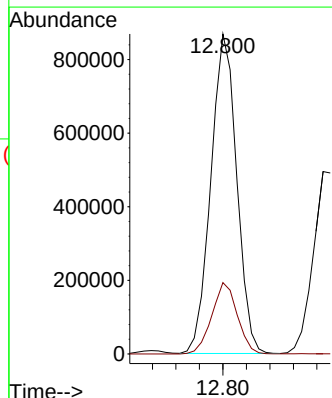
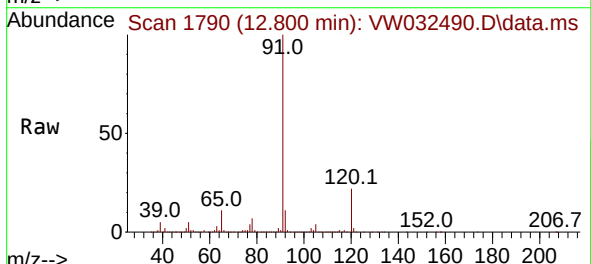
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

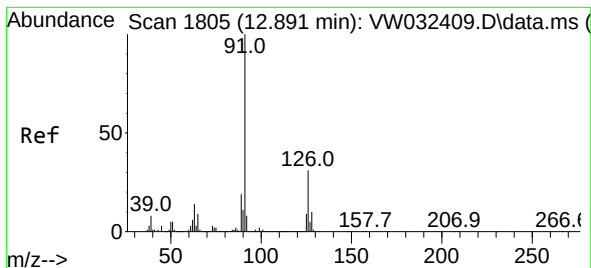
Tgt Ion:156 Resp: 244850
Ion Ratio Lower Upper
156 100
77 224.2 108.0 324.0
158 95.4 45.1 135.5



#78
n-propylbenzene
Concen: 55.141 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 91 Resp: 1327854
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9

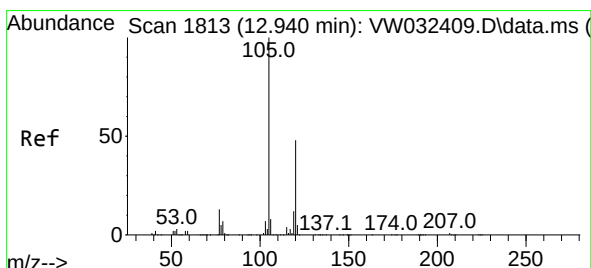
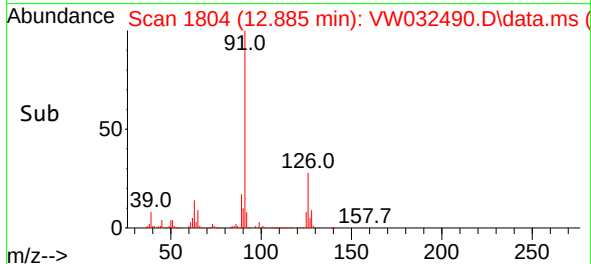
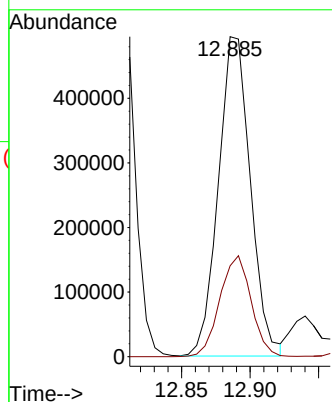
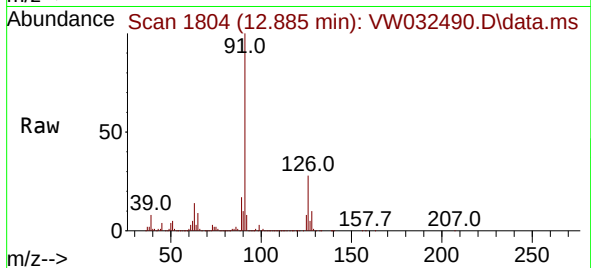




#79
2-Chlorotoluene
Concen: 54.784 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

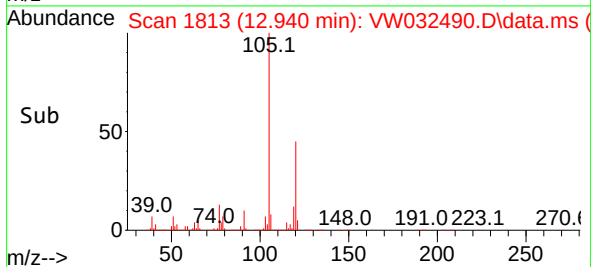
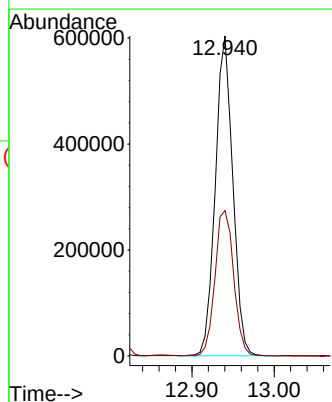
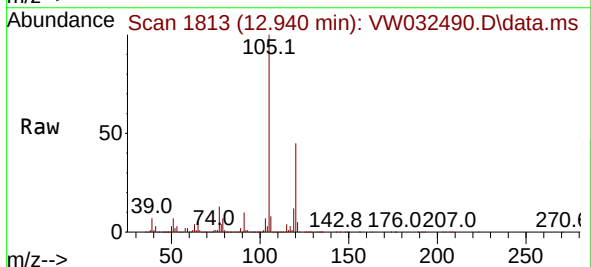
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

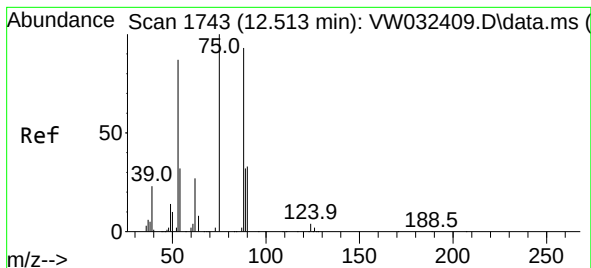
Tgt Ion: 91 Resp: 805355
Ion Ratio Lower Upper
91 100
126 30.9 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 54.675 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion:105 Resp: 891947
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

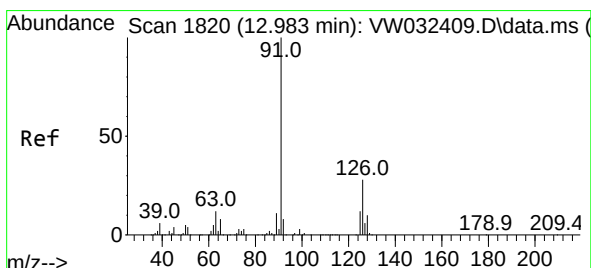
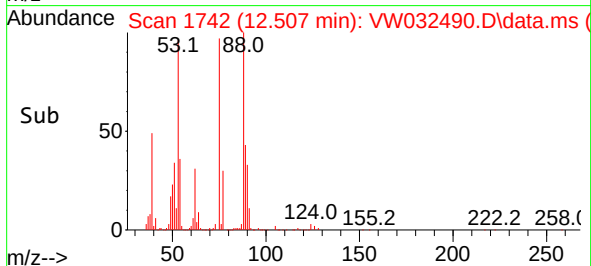
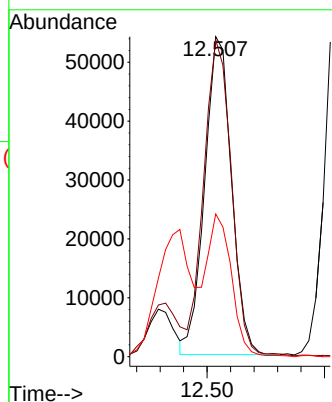
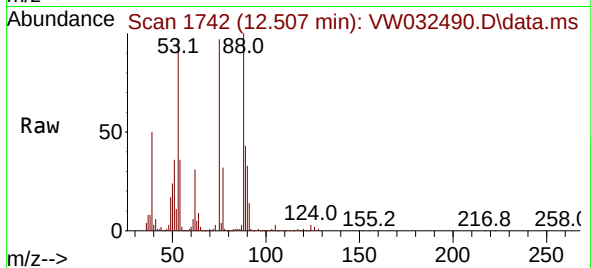




#81
trans-1,4-Dichloro-2-butene
Concen: 53.221 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

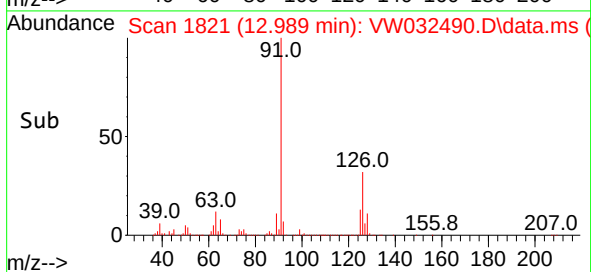
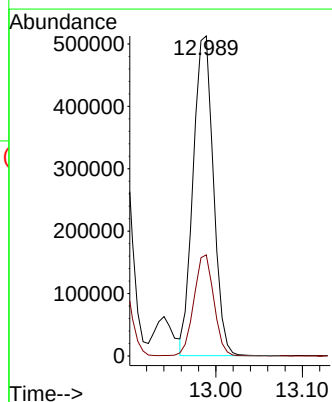
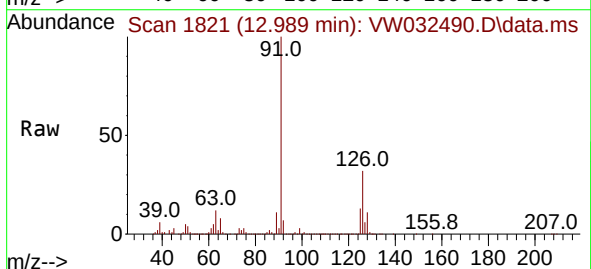
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

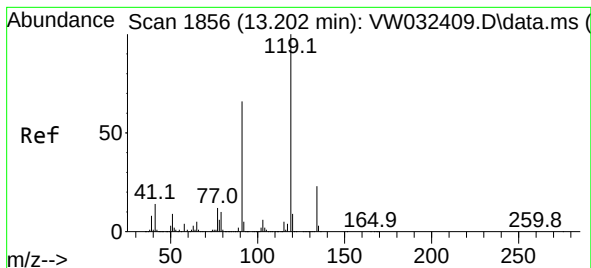
Tgt Ion: 75 Resp: 85782
Ion Ratio Lower Upper
75 100
53 101.9 77.8 116.8
89 43.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 54.354 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion: 91 Resp: 831063
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5

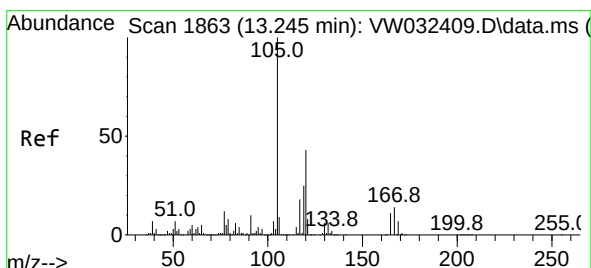
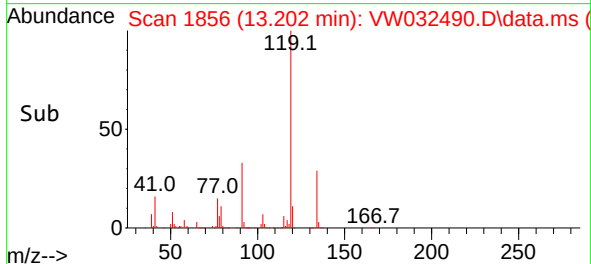
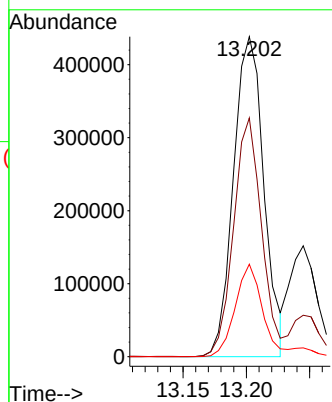
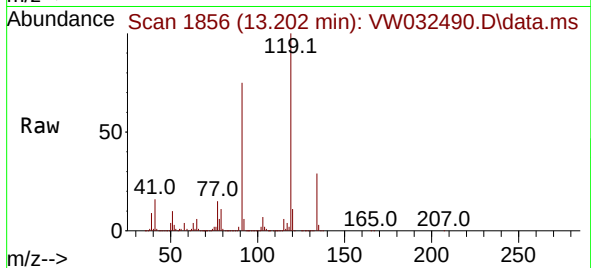




#83
tert-Butylbenzene
Concen: 51.641 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

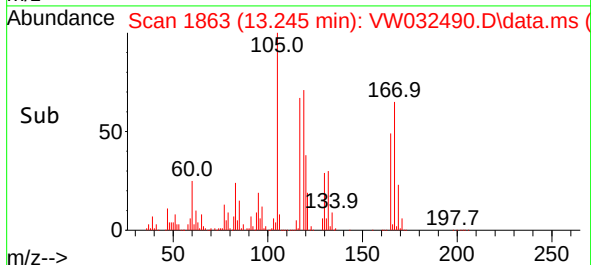
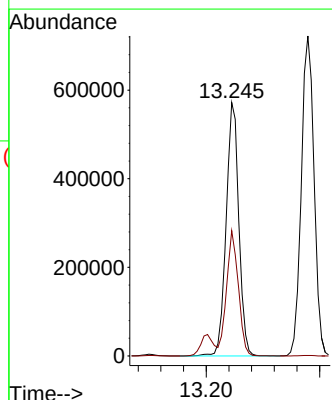
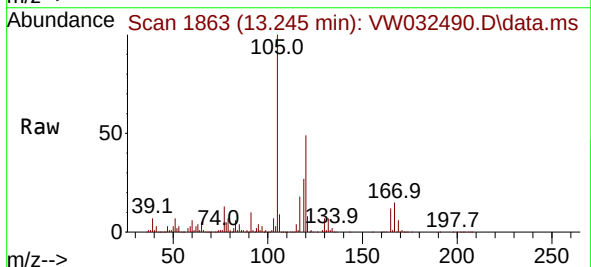
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

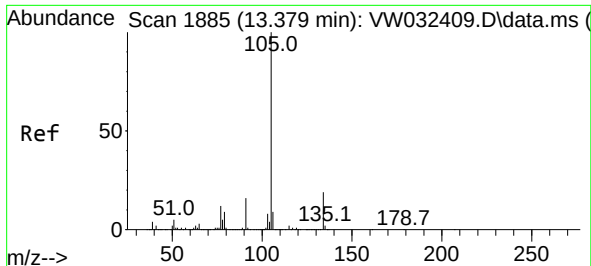
Tgt Ion:119 Resp: 732857
Ion Ratio Lower Upper
119 100
91 68.5 33.3 99.9
134 25.9 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 53.400 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032490.D
Acq: 19 Nov 2025 10:01

Tgt Ion:105 Resp: 886061
Ion Ratio Lower Upper
105 100
120 46.0 22.1 66.5

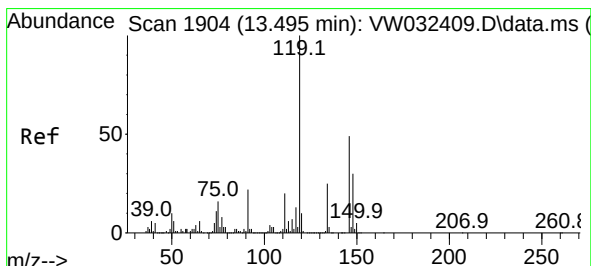
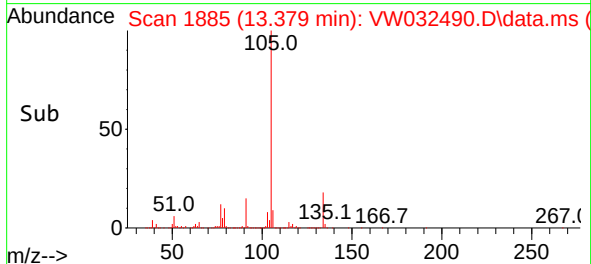
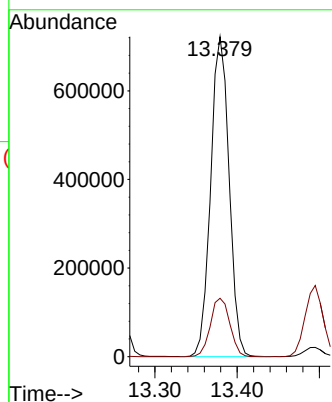
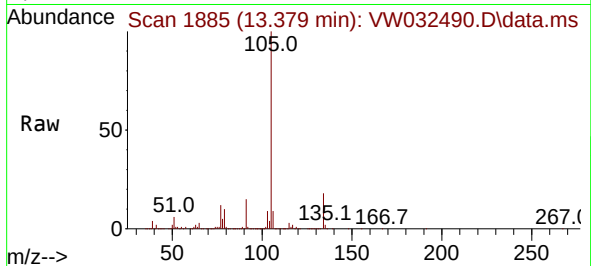




#85
 sec-Butylbenzene
 Concen: 53.198 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

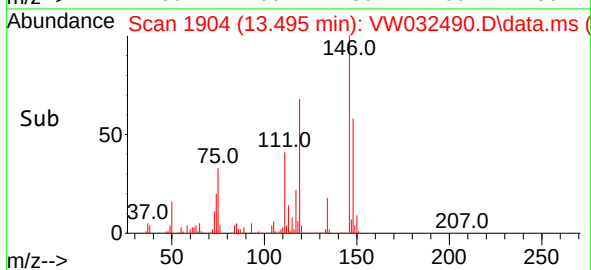
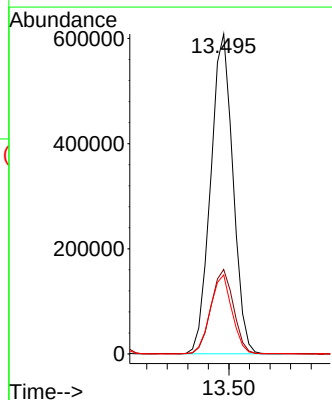
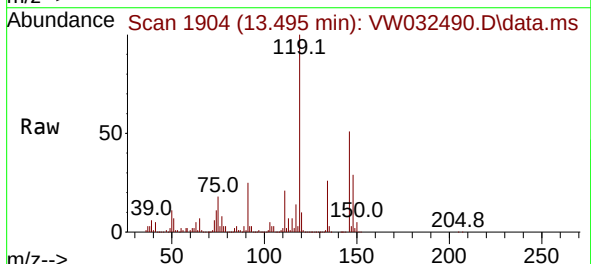
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

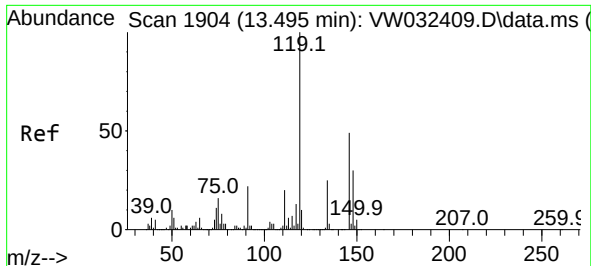
Tgt Ion:105 Resp: 1124349
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.425 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

Tgt Ion:119 Resp: 914832
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.7 38.1
 91 24.1 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 55.301 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

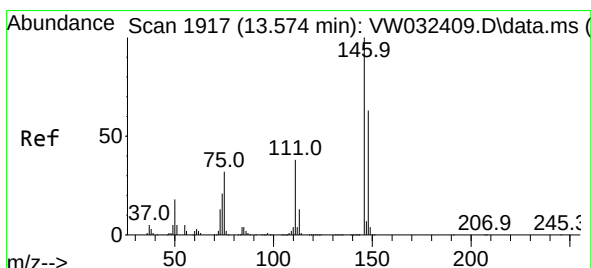
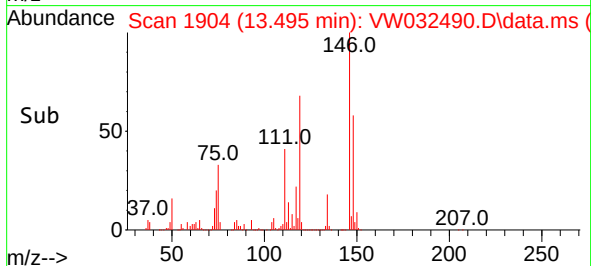
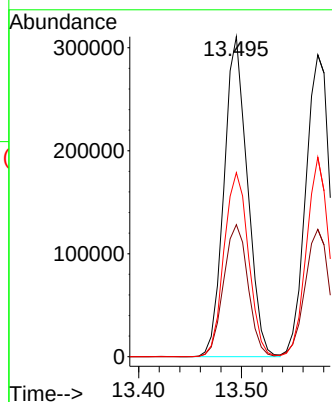
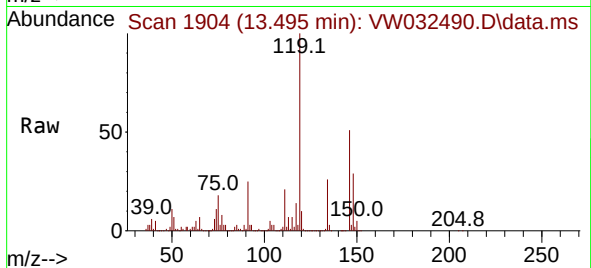
Tgt Ion:146 Resp: 490882

Ion Ratio Lower Upper

146 100

111 43.0 22.2 66.6

148 60.1 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 53.234 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

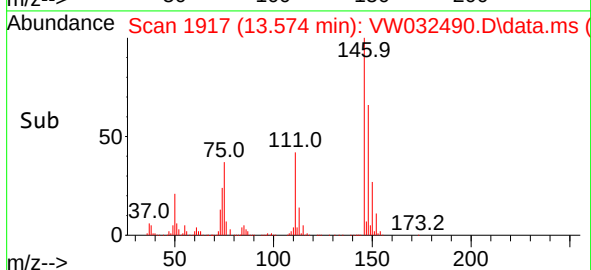
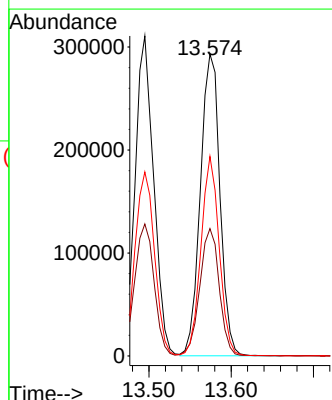
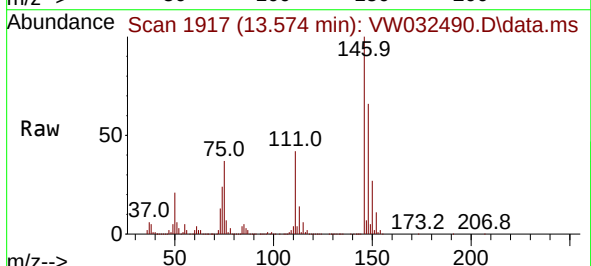
Tgt Ion:146 Resp: 484114

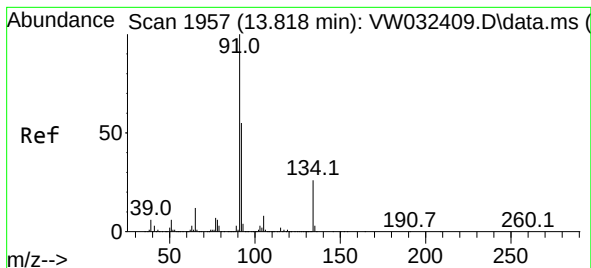
Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

148 61.7 31.2 93.6





#89

n-Butylbenzene

Concen: 53.857 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

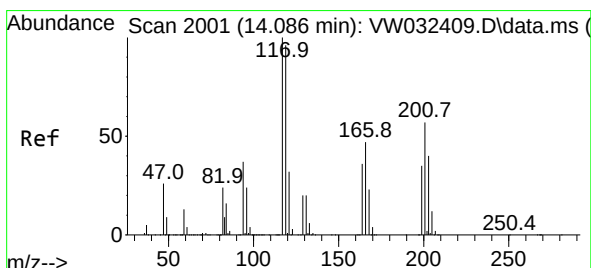
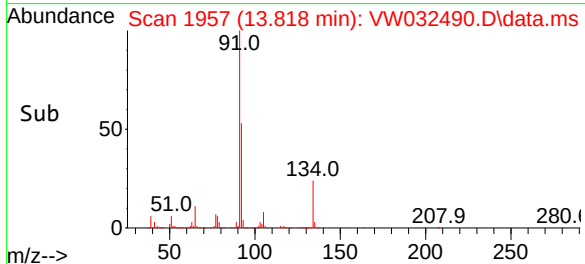
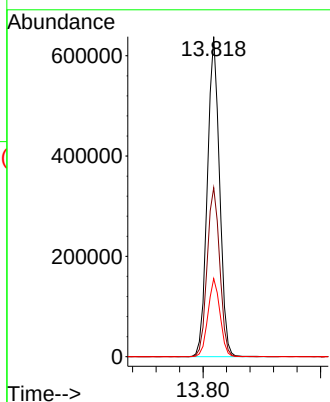
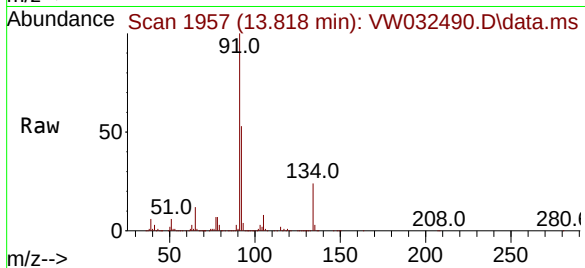
Tgt Ion: 91 Resp: 918175

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.2

134 24.1 12.4 37.4



#90

Hexachloroethane

Concen: 52.581 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032490.D

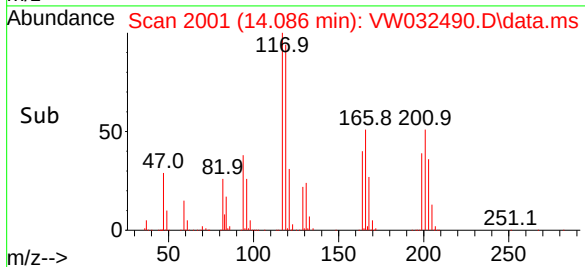
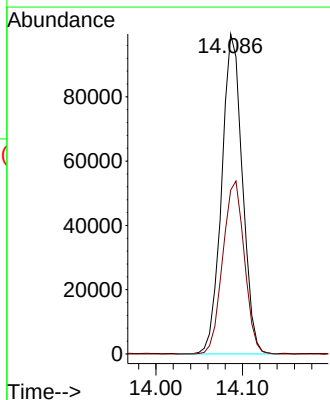
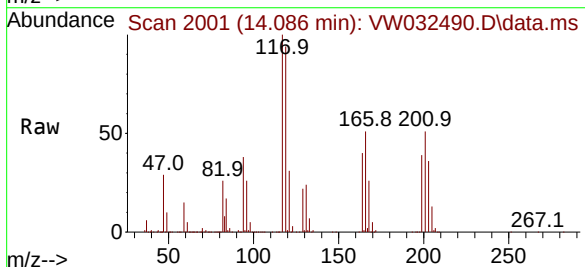
Acq: 19 Nov 2025 10:01

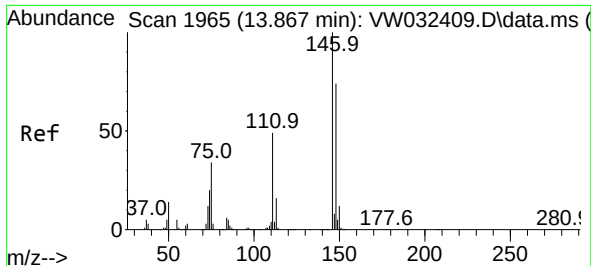
Tgt Ion: 117 Resp: 165435

Ion Ratio Lower Upper

117 100

201 56.4 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 54.925 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

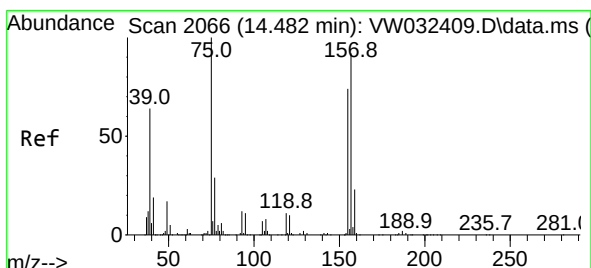
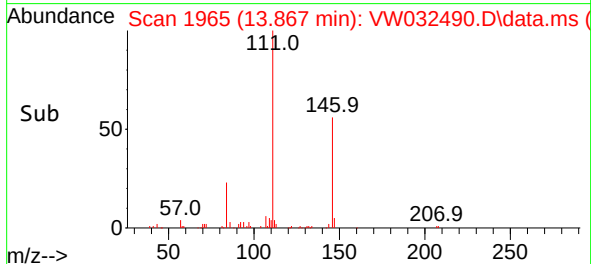
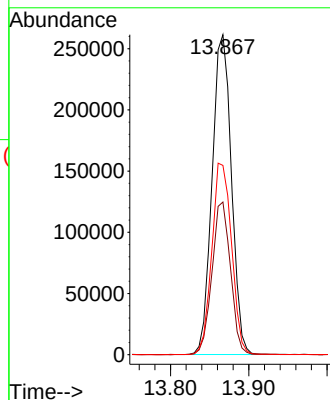
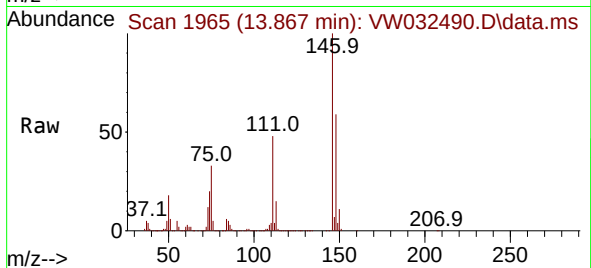
Tgt Ion:146 Resp: 447561

Ion Ratio Lower Upper

146 100

111 45.7 23.4 70.2

148 61.3 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.378 ug/l

RT: 14.477 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

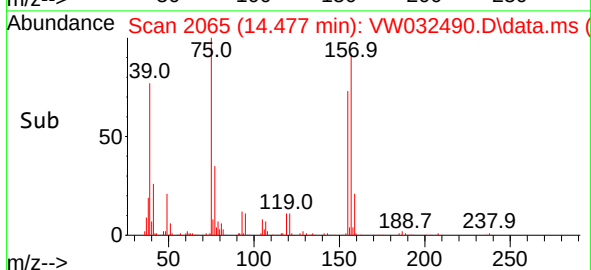
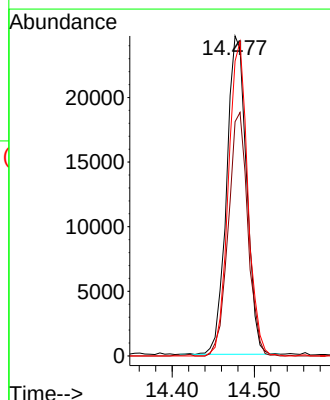
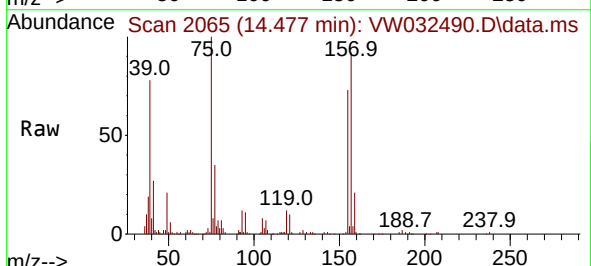
Tgt Ion: 75 Resp: 41536

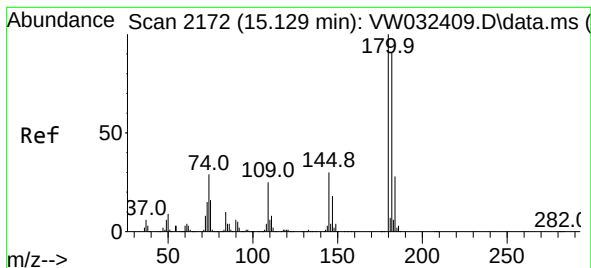
Ion Ratio Lower Upper

75 100

155 75.0 36.2 108.6

157 95.8 47.8 143.3

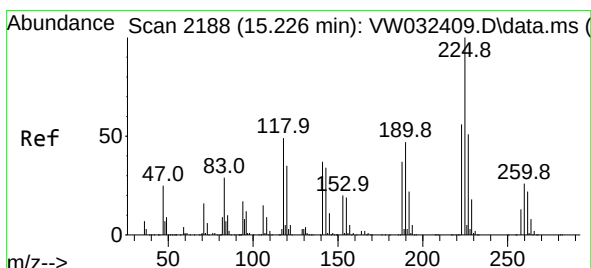
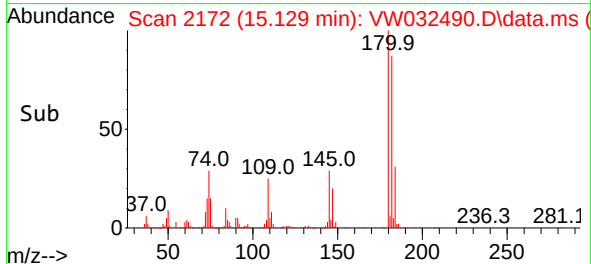
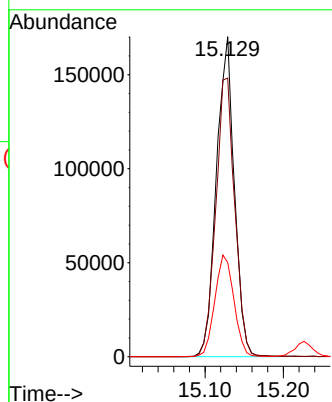
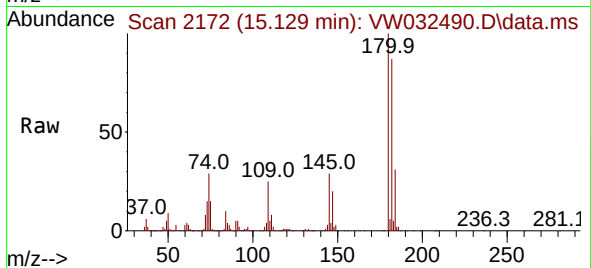




#93
 1,2,4-Trichlorobenzene
 Concen: 52.341 ug/l
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

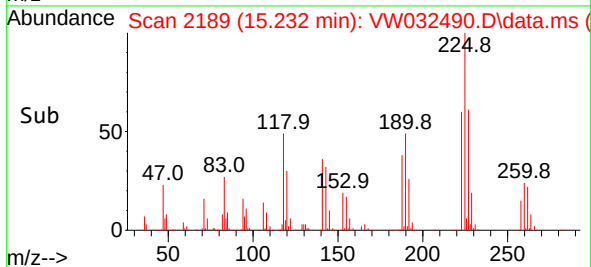
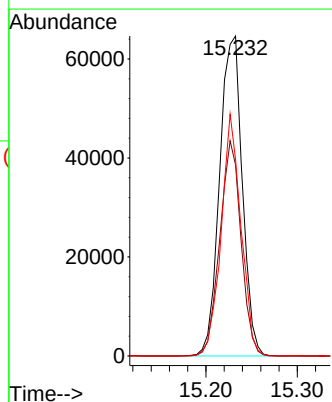
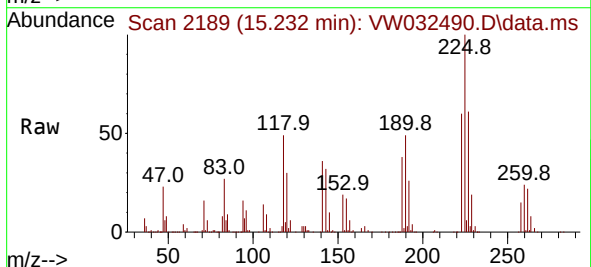
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

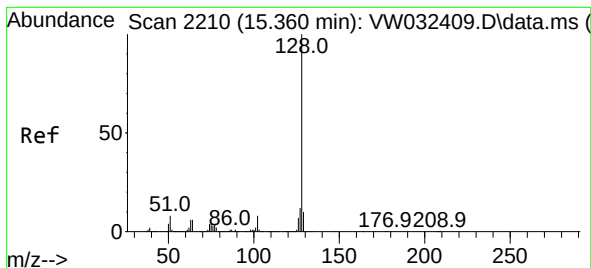
Tgt Ion:180 Resp: 271417
 Ion Ratio Lower Upper
 180 100
 182 92.4 45.3 135.9
 145 33.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 51.675 ug/l
 RT: 15.232 min Scan# 2189
 Delta R.T. 0.006 min
 Lab File: VW032490.D
 Acq: 19 Nov 2025 10:01

Tgt Ion:225 Resp: 111309
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.6 91.8
 227 66.2 29.8 89.4





#95

Naphthalene

Concen: 50.270 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

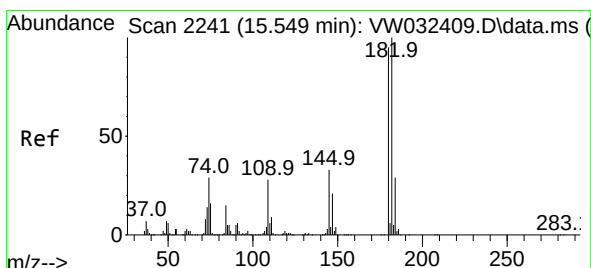
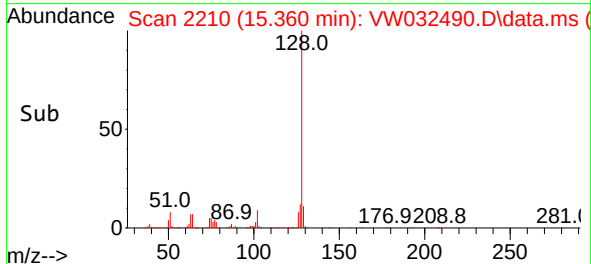
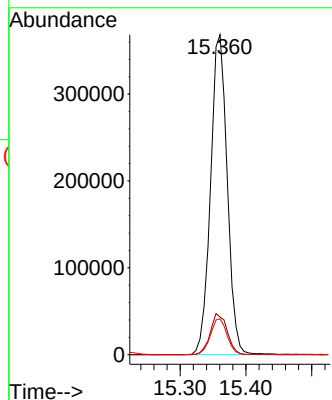
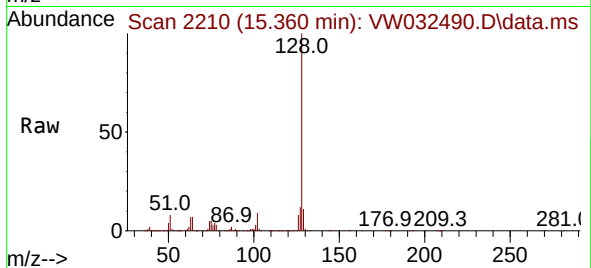
Tgt Ion:128 Resp: 650043

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.227 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032490.D

Acq: 19 Nov 2025 10:01

Tgt Ion:180 Resp: 245875

Ion Ratio Lower Upper

180 100

182 95.1 50.3 151.0

145 37.4 17.8 53.3

