

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031989.D
 Acq On : 04 Aug 2025 10:20
 Operator : SY/MD
 Sample : VW0804SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBS01

Quant Time: Aug 05 01:14:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	212167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	385271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	169564	52.831	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 105.660%	
35) Dibromofluoromethane	7.904	113	146436	55.935	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 111.860%	
50) Toluene-d8	10.325	98	550944	55.605	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 111.200%	
62) 4-Bromofluorobenzene	12.617	95	212555	55.869	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 111.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	27329	17.331	ug/l	98
3) Chloromethane	2.253	50	39680	19.605	ug/l	97
4) Vinyl Chloride	2.405	62	46409	17.652	ug/l	97
5) Bromomethane	2.820	94	36463	18.834	ug/l	91
6) Chloroethane	2.966	64	34529	19.899	ug/l	99
7) Trichlorofluoromethane	3.302	101	40314	15.139	ug/l	94
8) Diethyl Ether	3.716	74	32241	18.125	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	50668	19.782	ug/l	96
10) Methyl Iodide	4.308	142	72753	18.998	ug/l	98
11) Tert butyl alcohol	5.210	59	18269	96.835	ug/l #	86
12) 1,1-Dichloroethene	4.070	96	53822	19.025	ug/l	95
13) Acrolein	3.930	56	14391	46.904	ug/l	97
14) Allyl chloride	4.704	41	82355	18.700	ug/l	99
15) Acrylonitrile	5.405	53	74121	93.204	ug/l	100
16) Acetone	4.167	43	92848	121.910	ug/l	100
17) Carbon Disulfide	4.417	76	136161	18.558	ug/l	98
18) Methyl Acetate	4.704	43	41583	19.818	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	97032	19.851	ug/l	97
20) Methylene Chloride	4.954	84	64153	16.584	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	57319	19.096	ug/l	96
22) Diisopropyl ether	6.338	45	172318	19.554	ug/l	98
23) Vinyl Acetate	6.283	43	531605	92.336	ug/l	99
24) 1,1-Dichloroethane	6.246	63	107640	19.618	ug/l	99
25) 2-Butanone	7.197	43	108535	104.155	ug/l	97
26) 2,2-Dichloropropane	7.185	77	59289	19.087	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	68826	19.504	ug/l	99
28) Bromochloromethane	7.526	49	45634	19.865	ug/l	98
29) Tetrahydrofuran	7.551	42	61996	90.744	ug/l	99
30) Chloroform	7.697	83	117366	20.401	ug/l	95
31) Cyclohexane	7.972	56	88545	17.988	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	88389	20.191	ug/l	95
36) 1,1-Dichloropropene	8.100	75	79810	19.851	ug/l	99
37) Ethyl Acetate	7.277	43	42860	18.688	ug/l	99
38) Carbon Tetrachloride	8.081	117	77445	20.071	ug/l	99
39) Methylcyclohexane	9.343	83	93717	18.523	ug/l	97
40) Benzene	8.331	78	242440	20.371	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	25737	18.746	ug/l	95
42) 1,2-Dichloroethane	8.410	62	76204	20.006	ug/l	98
43) Isopropyl Acetate	8.435	43	77055	18.558	ug/l	99
44) Trichloroethene	9.099	130	57832	20.443	ug/l	97
45) 1,2-Dichloropropane	9.374	63	57900	20.201	ug/l	99
46) Dibromomethane	9.465	93	36063	20.297	ug/l	98
47) Bromodichloromethane	9.648	83	87948	20.643	ug/l	97
48) Methyl methacrylate	9.441	41	36741	18.600	ug/l	98
49) 1,4-Dioxane	9.465	88	8243	464.942	ug/l #	86
51) 4-Methyl-2-Pentanone	10.215	43	217393	95.672	ug/l	99
52) Toluene	10.392	92	154561	20.202	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	79291	19.401	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	94470	20.241	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	47999	20.338	ug/l	95
56) Ethyl methacrylate	10.648	69	63067	18.921	ug/l	98
57) 1,3-Dichloropropane	10.934	76	83414	20.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	165236	96.510	ug/l	98
59) 2-Hexanone	10.971	43	156530	99.104	ug/l	99
60) Dibromochloromethane	11.129	129	56702	20.606	ug/l	97
61) 1,2-Dibromoethane	11.233	107	45932	19.696	ug/l	95
64) Tetrachloroethene	10.861	164	47201	20.468	ug/l #	82
65) Chlorobenzene	11.660	112	167687	19.588	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	53288	20.079	ug/l	98
67) Ethyl Benzene	11.733	91	290411	19.308	ug/l	94
68) m/p-Xylenes	11.837	106	223663	39.501	ug/l	99
69) o-Xylene	12.166	106	105502	19.689	ug/l	98
70) Styrene	12.178	104	184175	20.187	ug/l	98
71) Bromoform	12.349	173	28030	19.312	ug/l #	96
73) Isopropylbenzene	12.465	105	272143	18.388	ug/l	99
74) N-amyl acetate	12.270	43	70193	17.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	58156	18.512	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	74037	31.437	ug/l #	100
77) Bromobenzene	12.745	156	64098	20.016	ug/l	88
78) n-propylbenzene	12.800	91	338399	18.616	ug/l	98
79) 2-Chlorotoluene	12.891	91	203033	18.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	224663	18.099	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	16672	16.344	ug/l	91
82) 4-Chlorotoluene	12.983	91	216191	18.988	ug/l	100
83) tert-Butylbenzene	13.202	119	198880	18.810	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	227134	18.079	ug/l	95
85) sec-Butylbenzene	13.379	105	288056	18.141	ug/l	98
86) p-Isopropyltoluene	13.495	119	241954	18.436	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	128413	19.264	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	126546	19.379	ug/l	98
89) n-Butylbenzene	13.818	91	234020	18.177	ug/l	99
90) Hexachloroethane	14.086	117	42519	18.736	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	116699	19.754	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9814	17.291	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	70374	19.753	ug/l	92
94) Hexachlorobutadiene	15.226	225	30332	17.967	ug/l	94
95) Naphthalene	15.360	128	155462	17.749	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	60864	18.855	ug/l	95

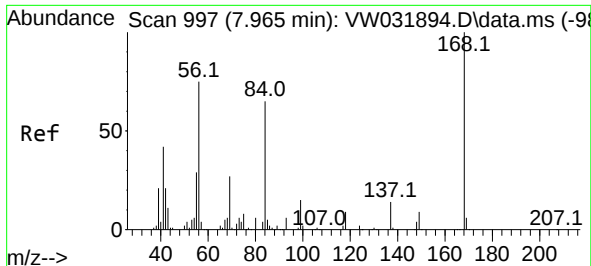
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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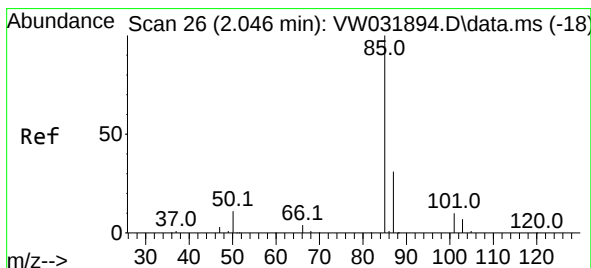
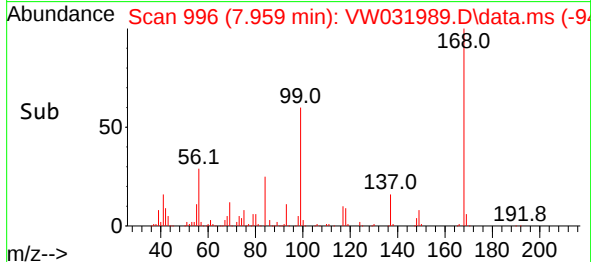
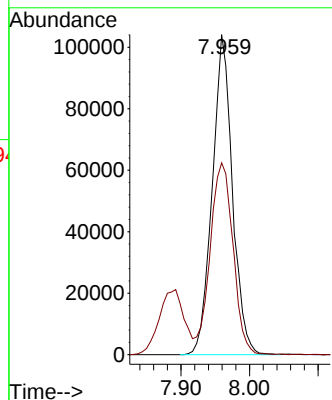
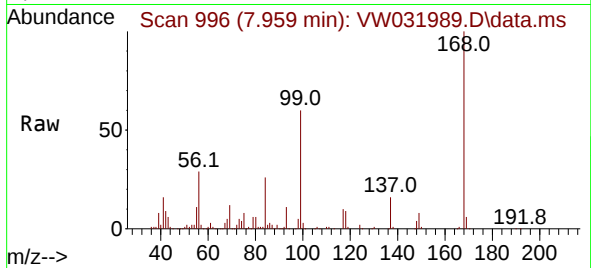
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031989.D
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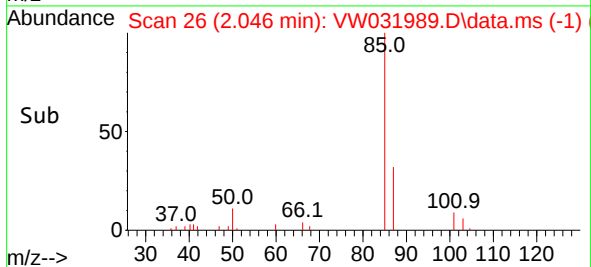
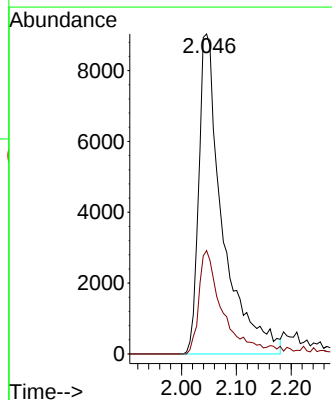
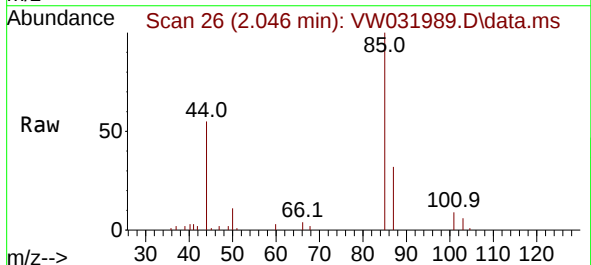
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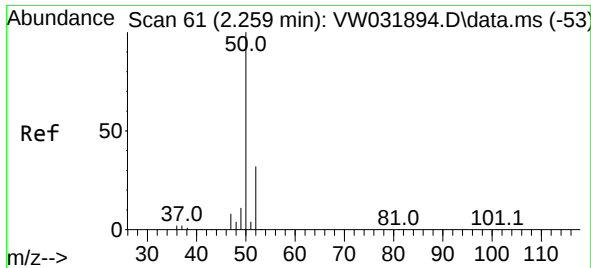
Tgt Ion:168 Resp: 212167
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 17.331 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 85 Resp: 27329
Ion Ratio Lower Upper
85 100
87 32.3 15.5 46.5

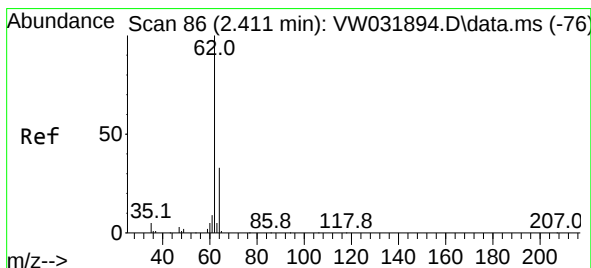
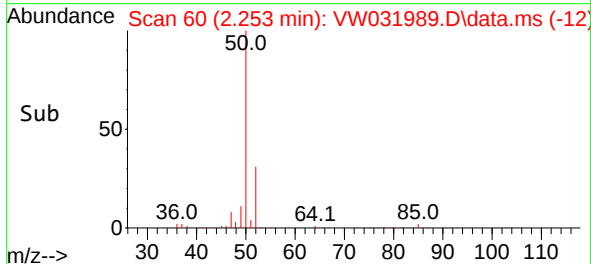
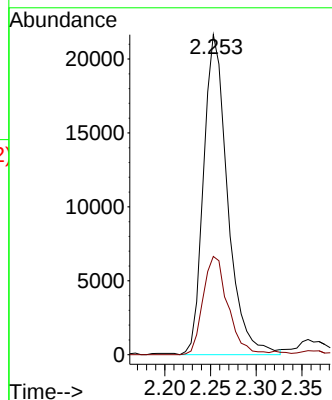
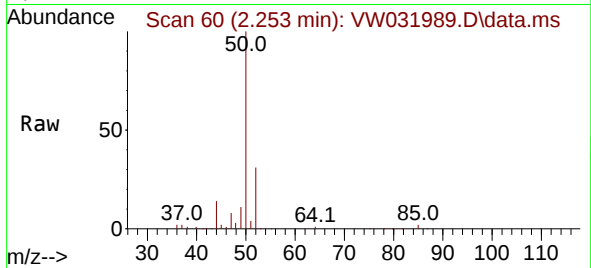




#3
Chloromethane
Concen: 19.605 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

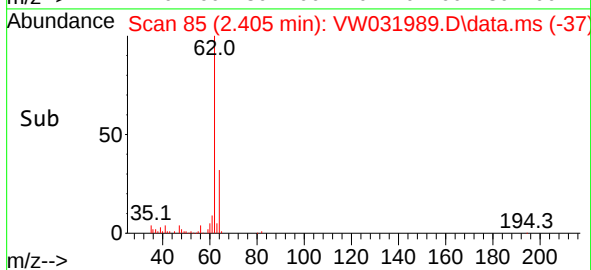
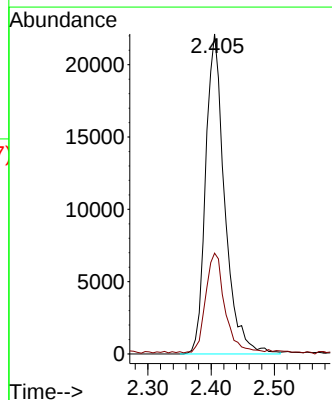
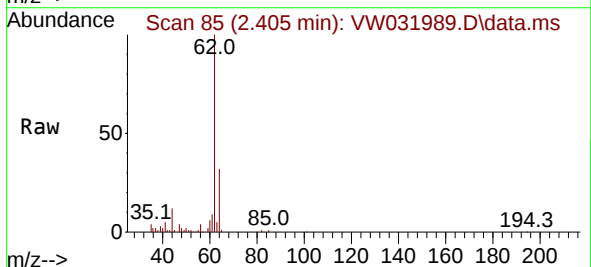
Instrument :
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ClientSampleId :
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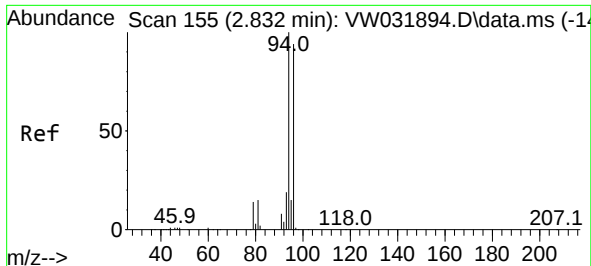
Tgt Ion: 50 Resp: 39680
Ion Ratio Lower Upper
50 100
52 30.7 25.7 38.5



#4
Vinyl Chloride
Concen: 17.652 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 62 Resp: 46409
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2

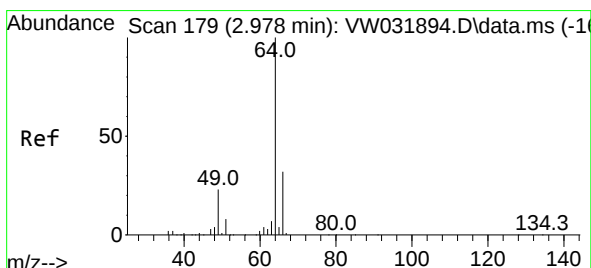
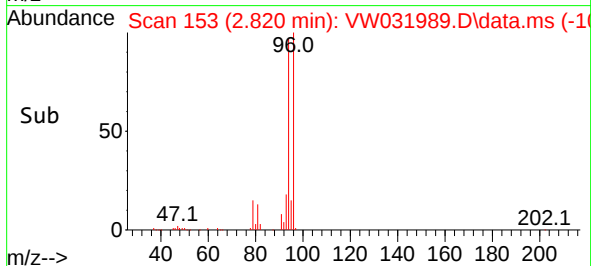
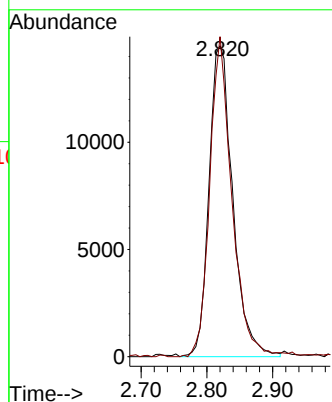
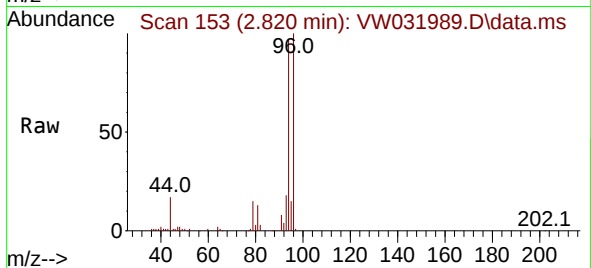




#5
Bromomethane
Concen: 18.834 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

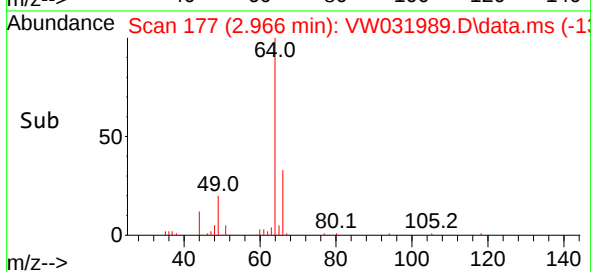
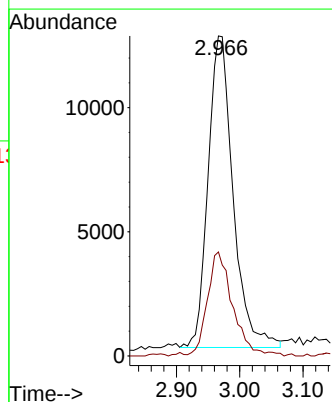
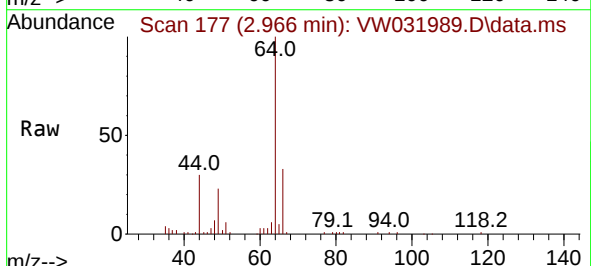
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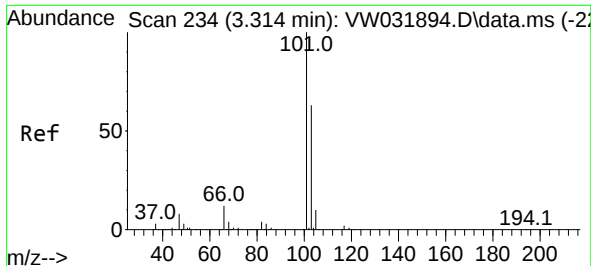
Tgt Ion: 94 Resp: 36463
Ion Ratio Lower Upper
94 100
96 102.9 75.0 112.6



#6
Chloroethane
Concen: 19.899 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 64 Resp: 34529
Ion Ratio Lower Upper
64 100
66 32.5 25.6 38.4

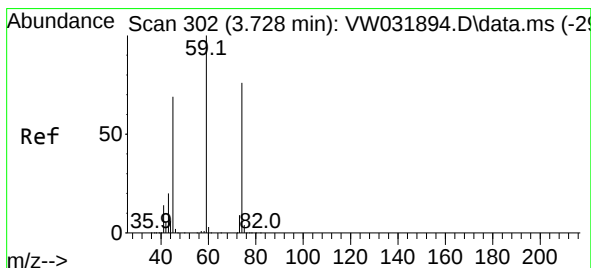
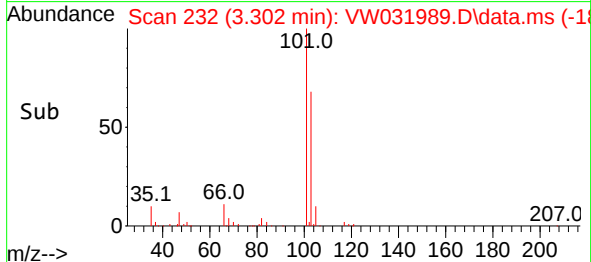
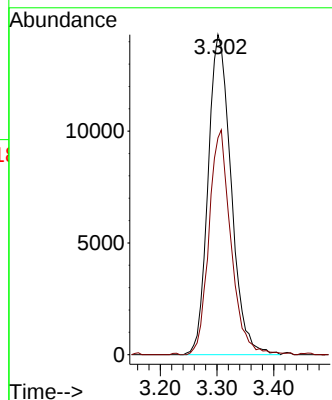
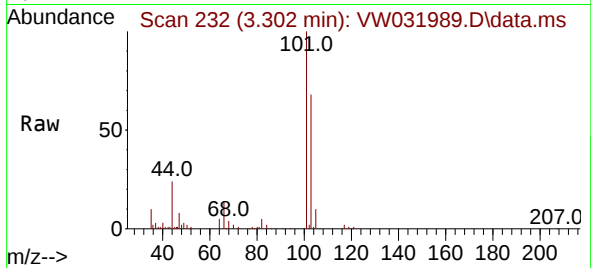




#7
 Trichlorofluoromethane
 Concen: 15.139 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

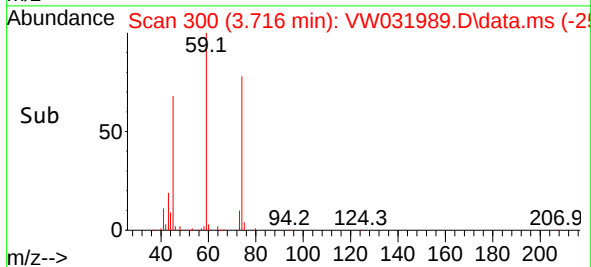
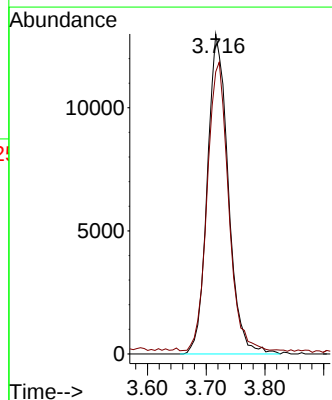
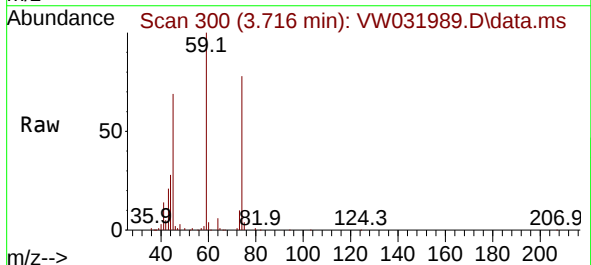
Instrument :
 MSVOA_W
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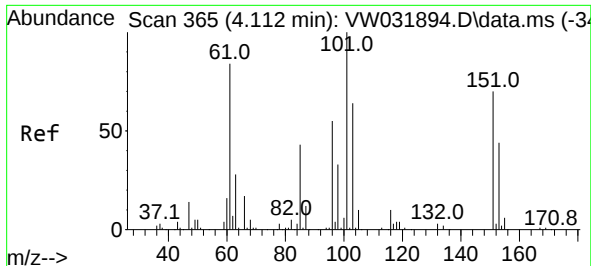
Tgt Ion:101 Resp: 40314
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.125 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

Tgt Ion: 74 Resp: 32241
 Ion Ratio Lower Upper
 74 100
 45 91.4 45.5 136.5

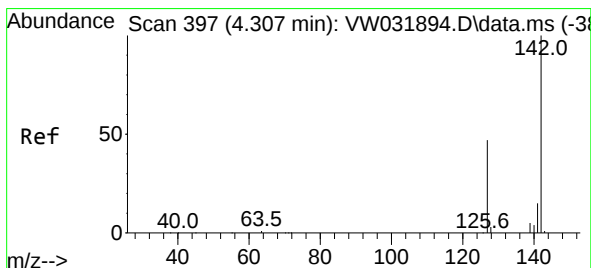
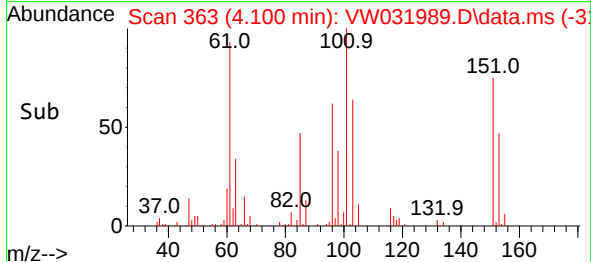
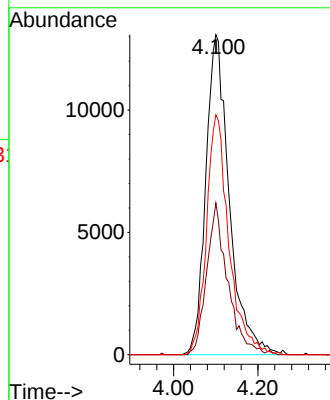
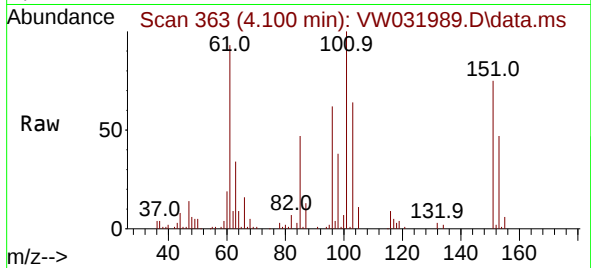




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.782 ug/l
 RT: 4.100 min Scan# 365
 Delta R.T. -0.012 min
 Lab File: VW031989.D
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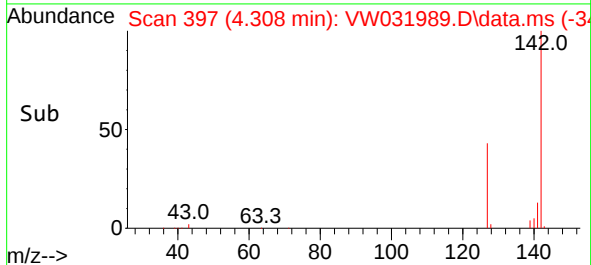
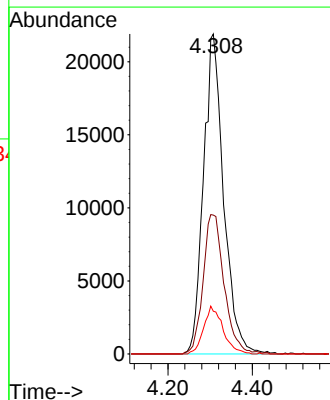
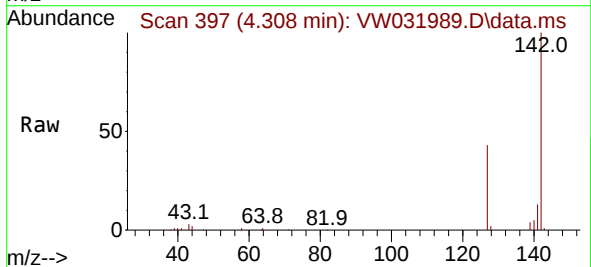
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBS01

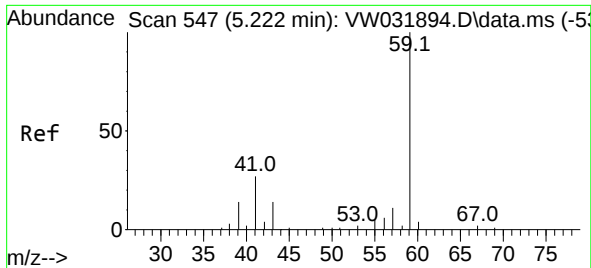
Tgt Ion:101 Resp: 50668
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.5 53.3
 151 71.5 54.6 81.8



#10
 Methyl Iodide
 Concen: 18.998 ug/l
 RT: 4.308 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

Tgt Ion:142 Resp: 72753
 Ion Ratio Lower Upper
 142 100
 127 45.5 37.4 56.2
 141 14.3 11.9 17.9

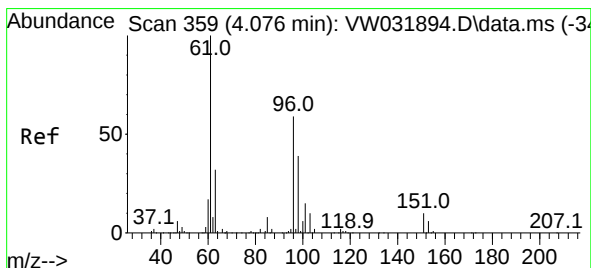
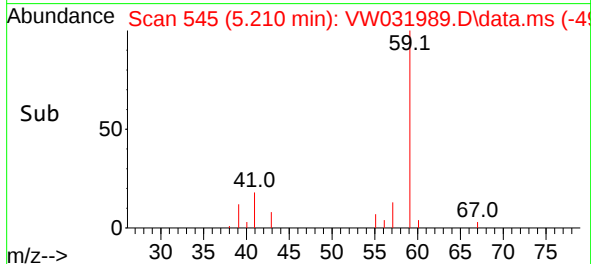
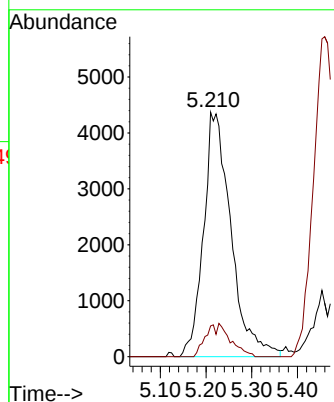
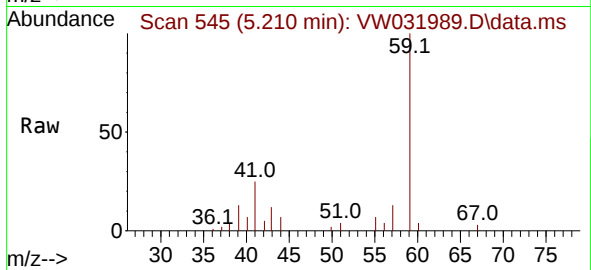




#11
Tert butyl alcohol
Concen: 96.835 ug/l
RT: 5.210 min Scan# 547
Delta R.T. -0.012 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

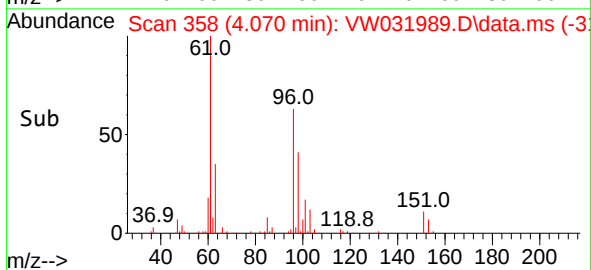
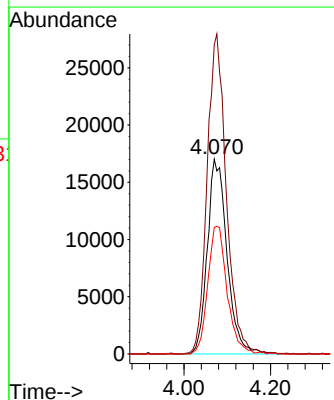
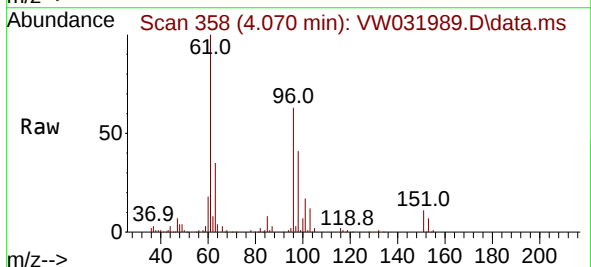
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

Tgt Ion: 59 Resp: 18269
Ion Ratio Lower Upper
59 100
57 5.6 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 19.025 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 96 Resp: 53822
Ion Ratio Lower Upper
96 100
61 158.8 135.0 202.6
98 65.0 52.3 78.5

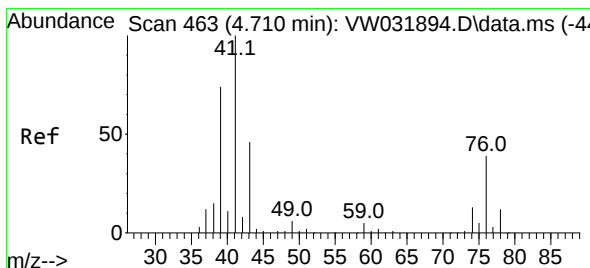
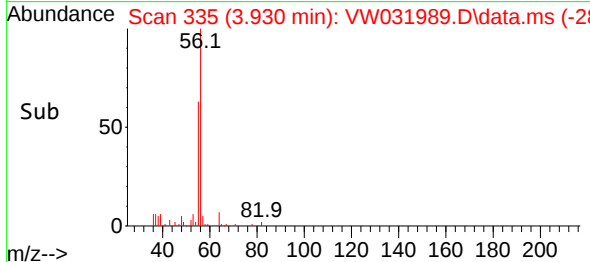
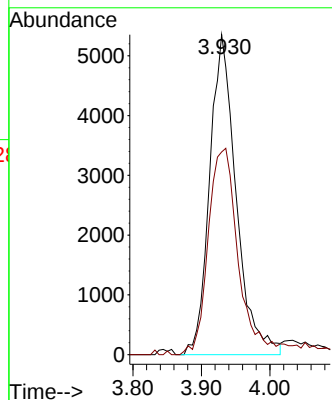
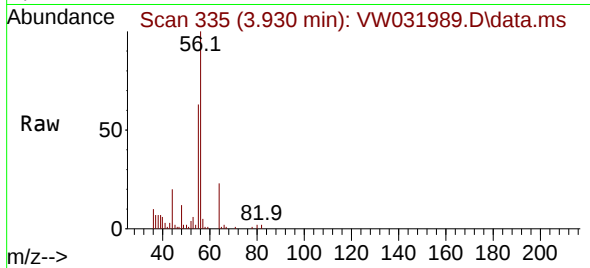




#13
Acrolein
Concen: 46.904 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

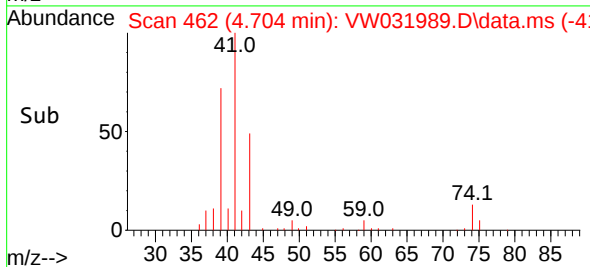
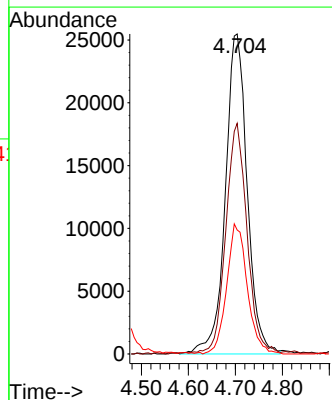
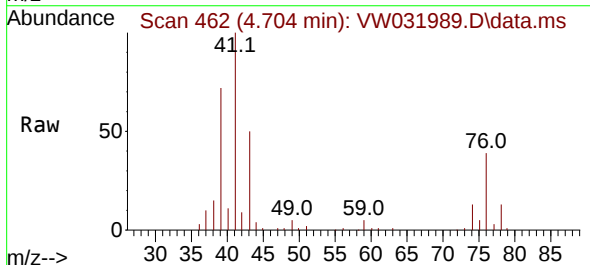
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

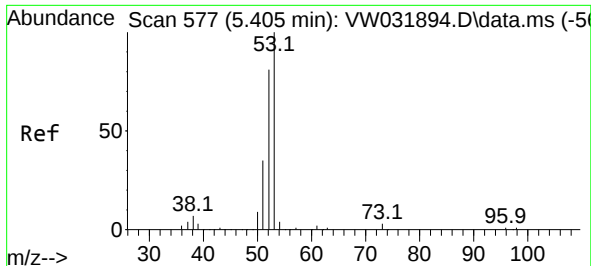
Tgt Ion: 56 Resp: 14391
Ion Ratio Lower Upper
56 100
55 73.7 56.7 85.1



#14
Allyl chloride
Concen: 18.700 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 41 Resp: 82355
Ion Ratio Lower Upper
41 100
39 70.5 56.6 85.0
76 38.3 30.1 45.1

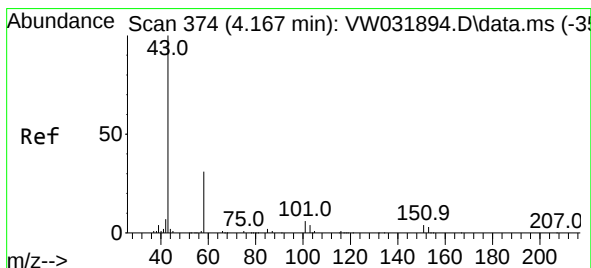
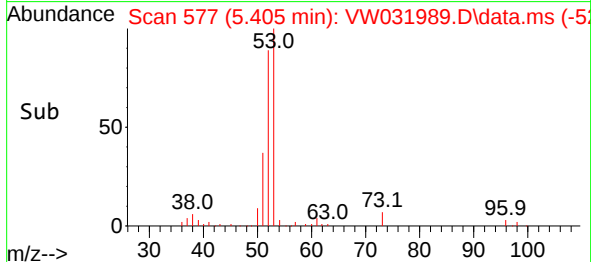
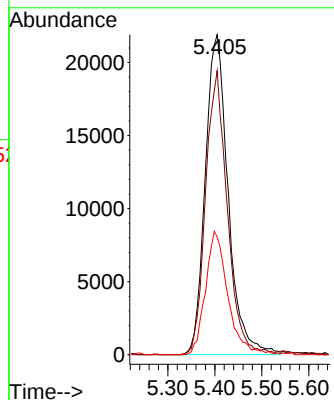
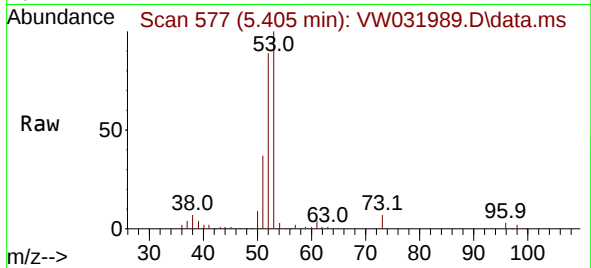




#15
Acrylonitrile
Concen: 93.204 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

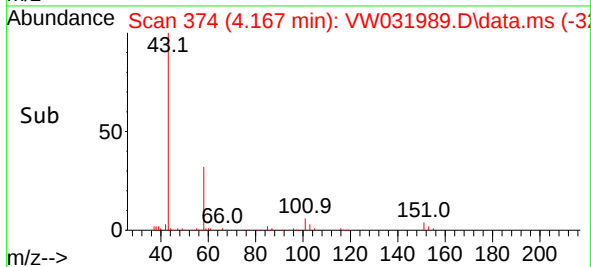
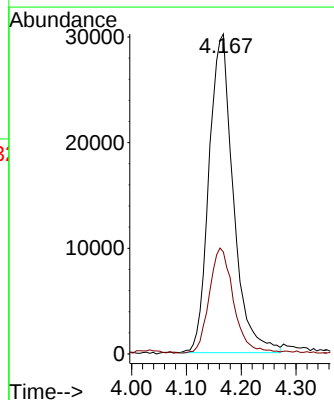
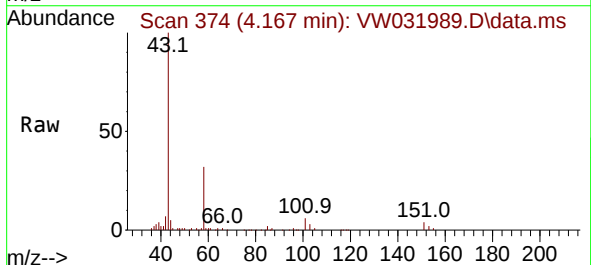
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

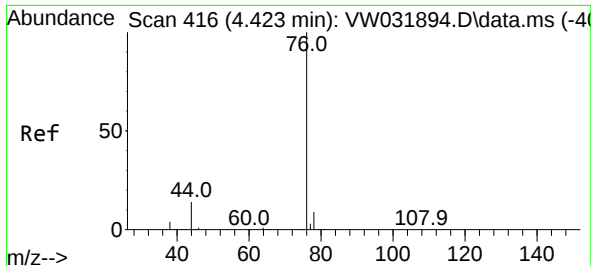
Tgt Ion: 53	Resp: 74121
Ion Ratio	Lower Upper
53 100	
52 84.1	67.0 100.4
51 37.5	29.9 44.9



#16
Acetone
Concen: 121.910 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 43	Resp: 92848
Ion Ratio	Lower Upper
43 100	
58 31.6	25.5 38.3

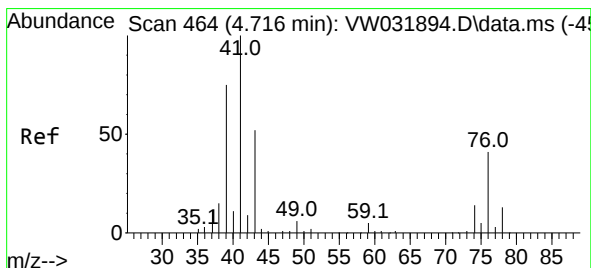
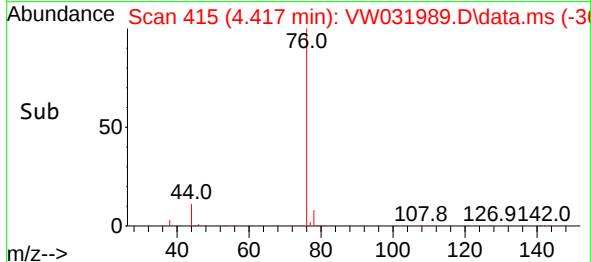
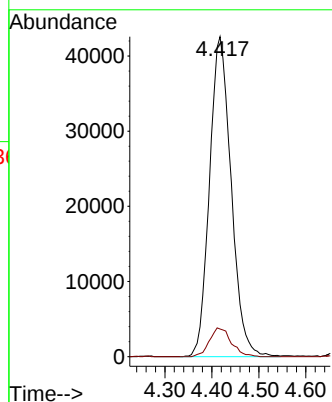
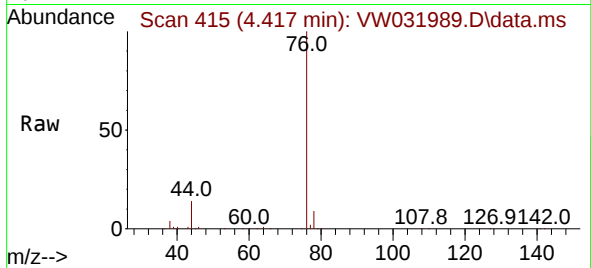




#17
Carbon Disulfide
Concen: 18.558 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

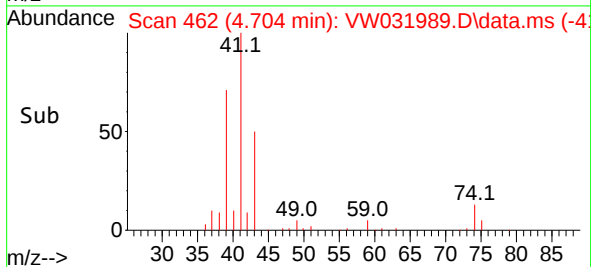
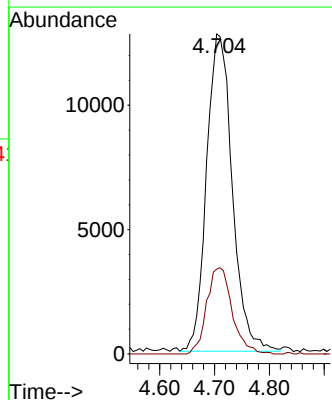
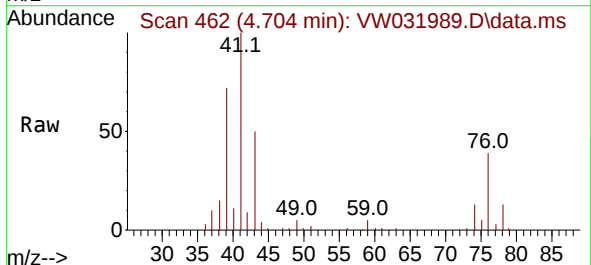
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

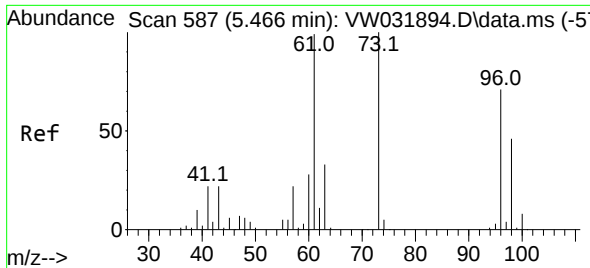
Tgt Ion: 76 Resp: 136161
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 19.818 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 43 Resp: 41583
Ion Ratio Lower Upper
43 100
74 26.8 20.6 31.0

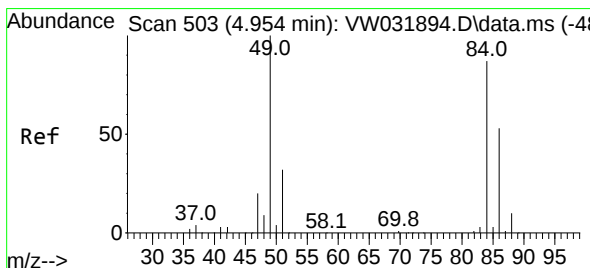
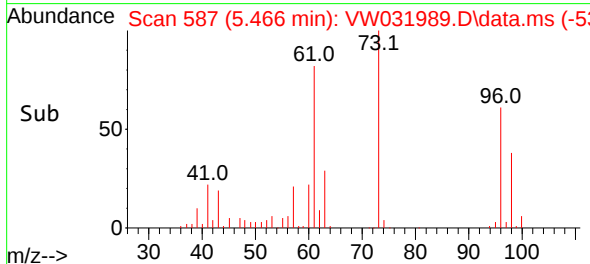
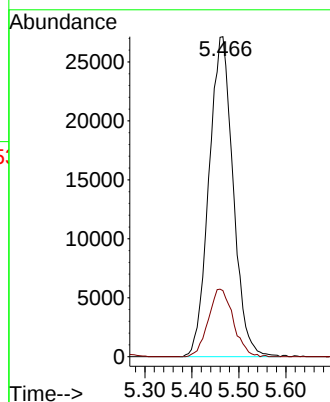
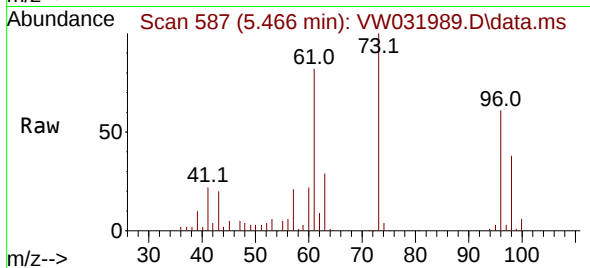




#19
Methyl tert-butyl Ether
Concen: 19.851 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

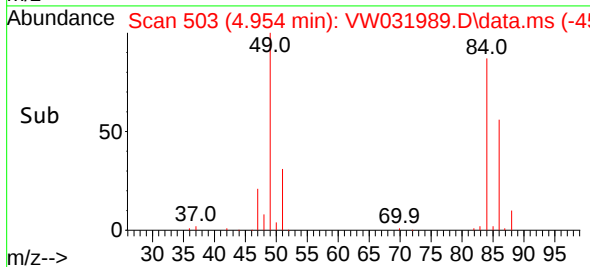
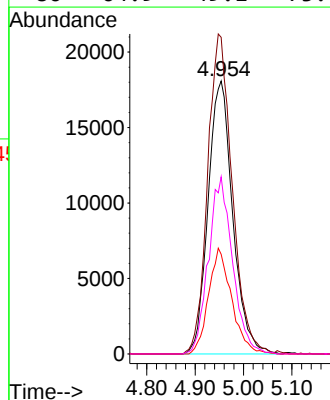
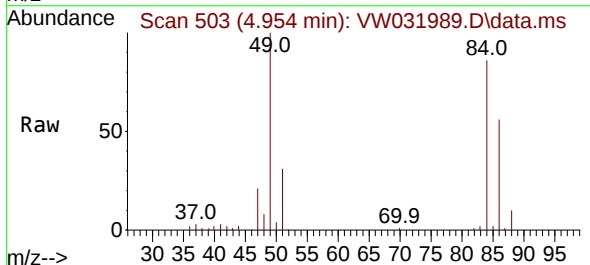
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

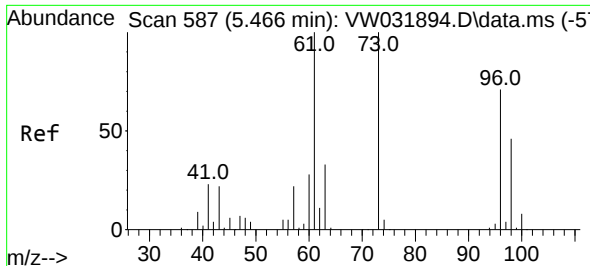
Tgt Ion: 73 Resp: 97032
Ion Ratio Lower Upper
73 100
57 20.6 17.5 26.3



#20
Methylene Chloride
Concen: 16.584 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 84 Resp: 64153
Ion Ratio Lower Upper
84 100
49 116.0 91.9 137.9
51 36.5 29.0 43.6
86 64.9 49.1 73.7

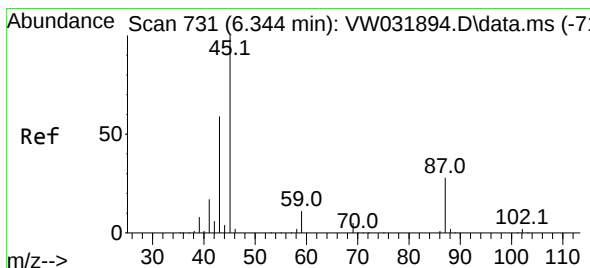
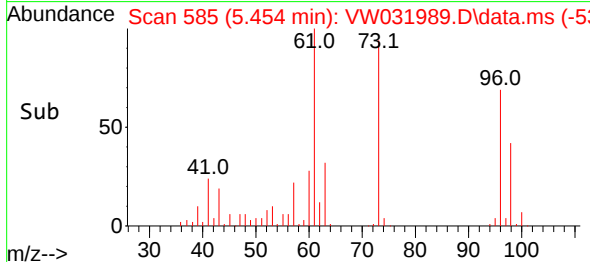
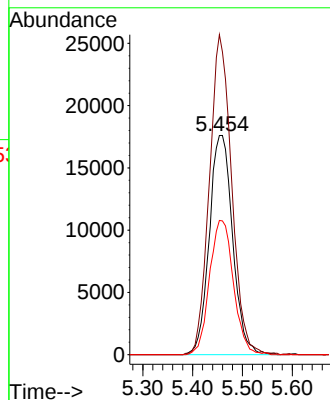
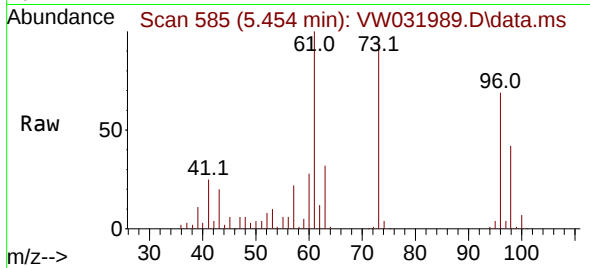




#21
trans-1,2-Dichloroethene
Concen: 19.096 ug/l
RT: 5.454 min Scan# 585
Delta R.T. -0.012 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

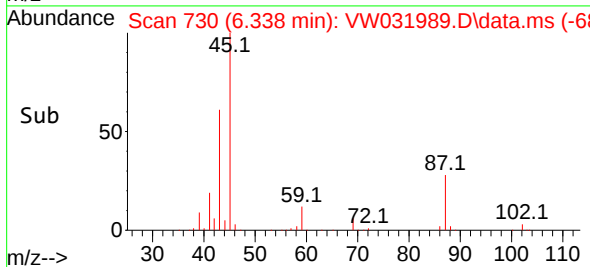
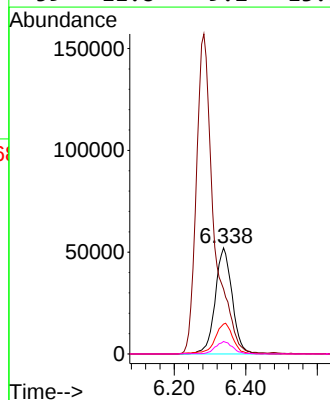
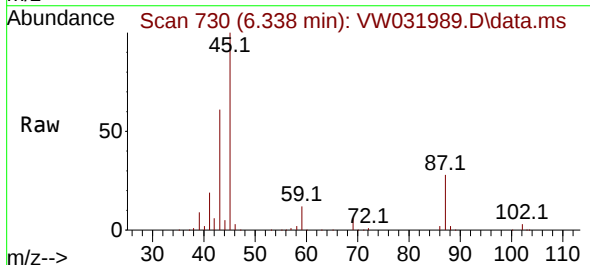
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

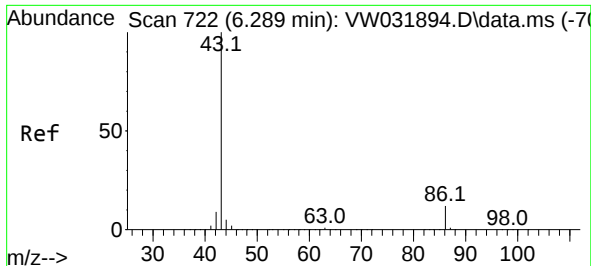
Tgt Ion: 96 Resp: 57319
Ion Ratio Lower Upper
96 100
61 145.9 112.8 169.2
98 61.2 51.9 77.9



#22
Diisopropyl ether
Concen: 19.554 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 45 Resp: 172318
Ion Ratio Lower Upper
45 100
43 60.9 47.0 70.6
87 28.1 22.8 34.2
59 11.8 9.2 13.8

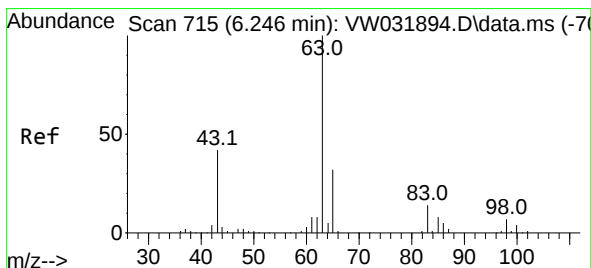
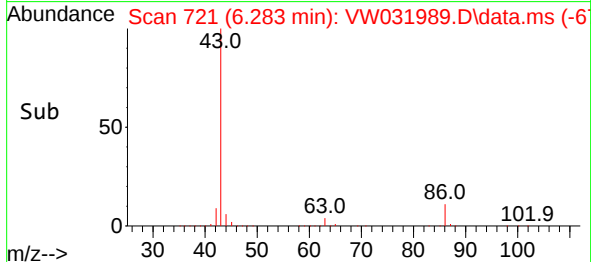
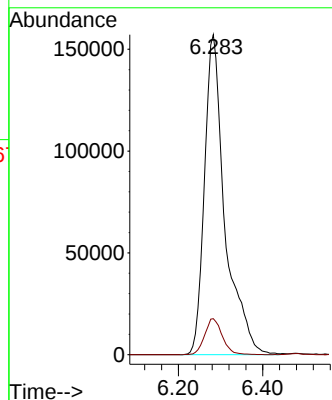
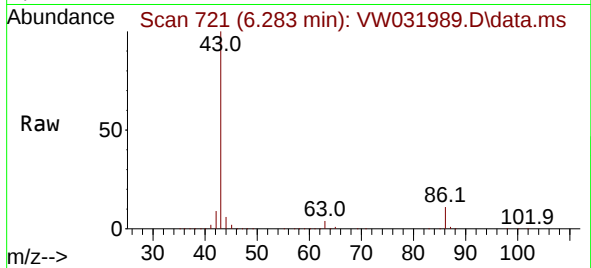




#23
 Vinyl Acetate
 Concen: 92.336 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

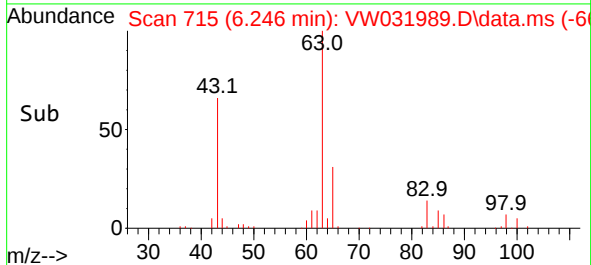
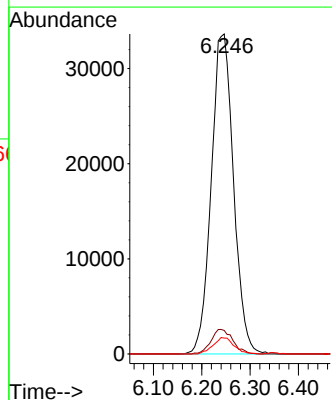
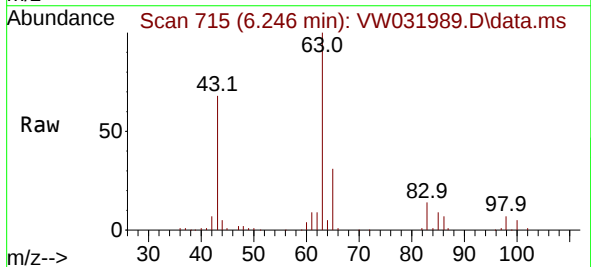
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBS01

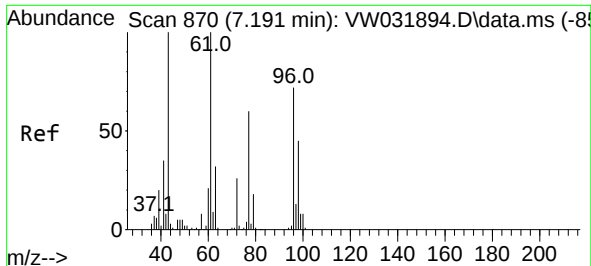
Tgt Ion: 43 Resp: 531605
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.618 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

Tgt Ion: 63 Resp: 107640
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.9 2.2 6.6

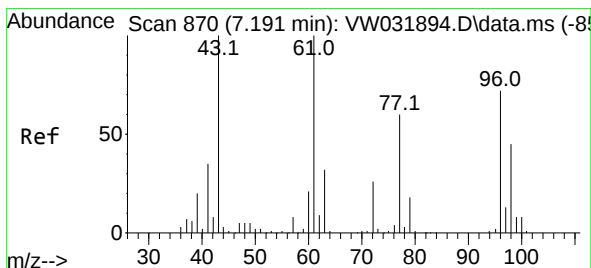
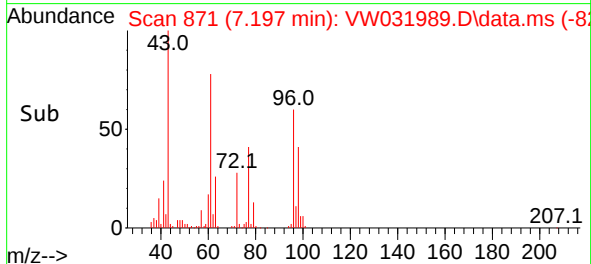
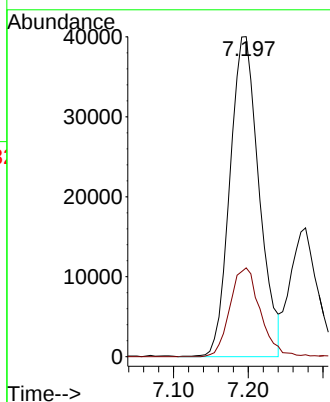
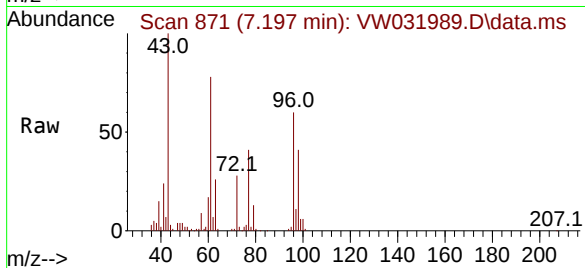




#25
2-Butanone
Concen: 104.155 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

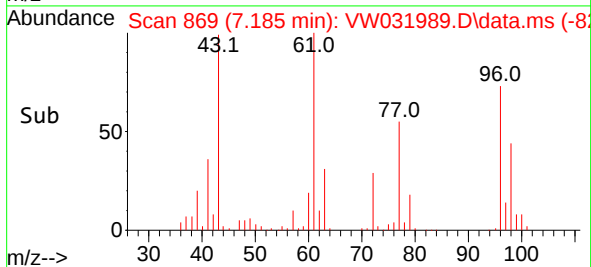
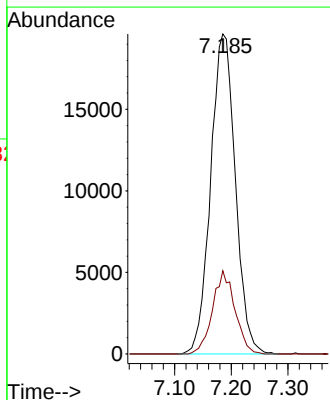
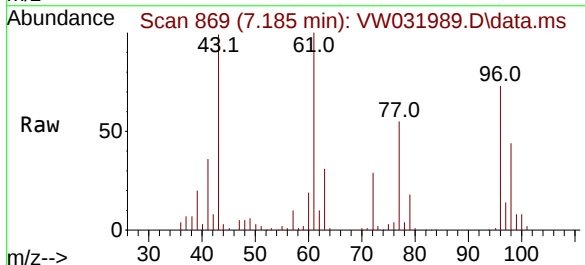
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

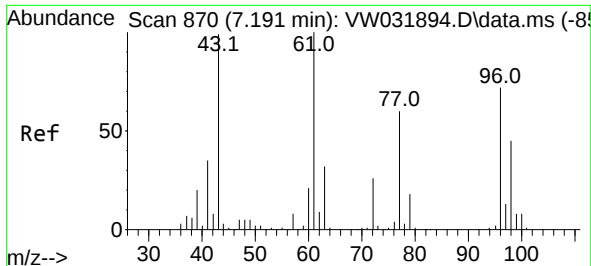
Tgt Ion: 43 Resp: 108535
Ion Ratio Lower Upper
43 100
72 27.8 20.8 31.2



#26
2,2-Dichloropropane
Concen: 19.087 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 77 Resp: 59289
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.504 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

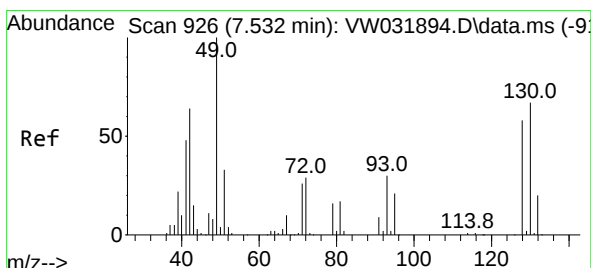
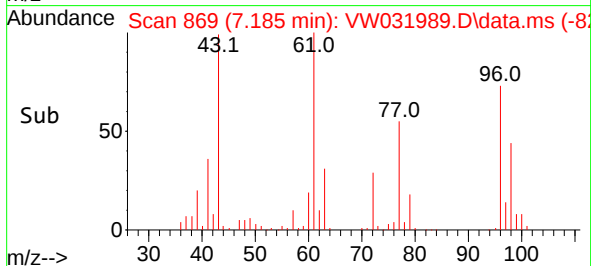
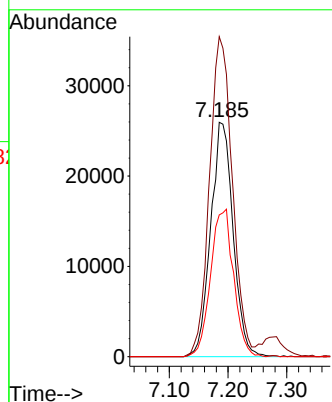
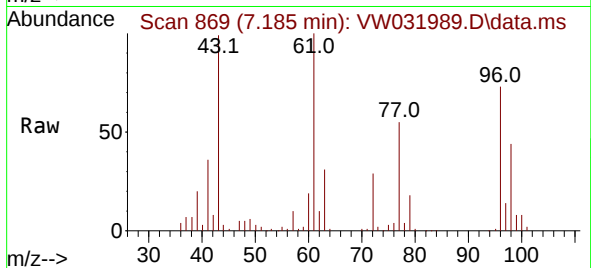
Tgt Ion: 96 Resp: 68826

Ion Ratio Lower Upper

96 100

61 139.6 0.0 280.2

98 64.6 0.0 126.8



#28

Bromochloromethane

Concen: 19.865 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

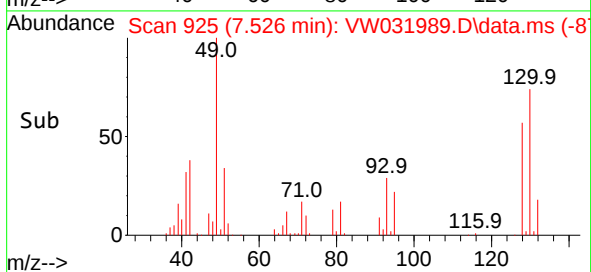
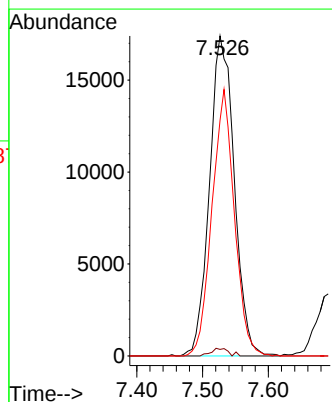
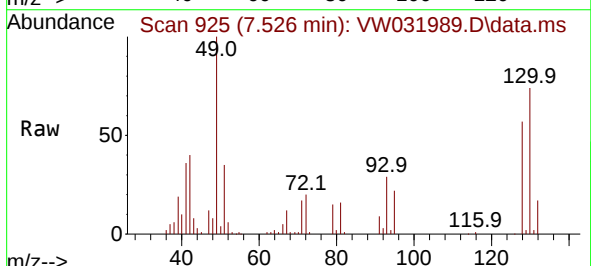
Tgt Ion: 49 Resp: 45634

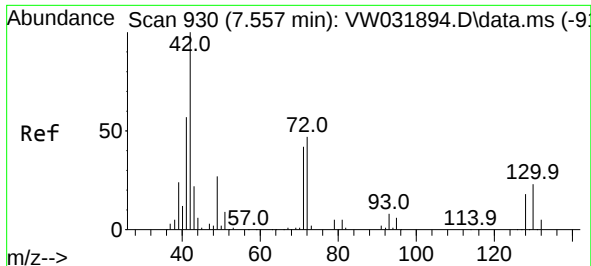
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.4

130 75.5 59.0 88.4

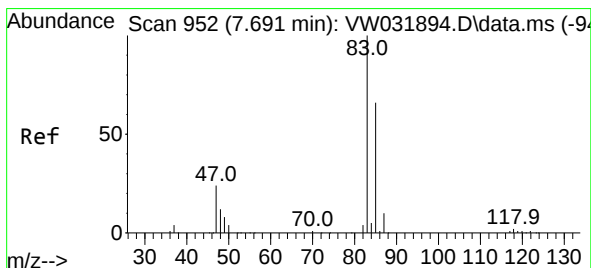
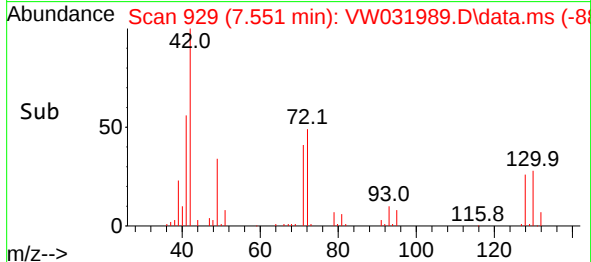
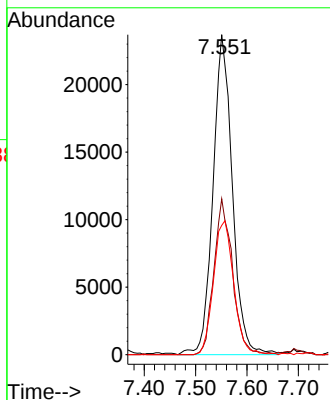
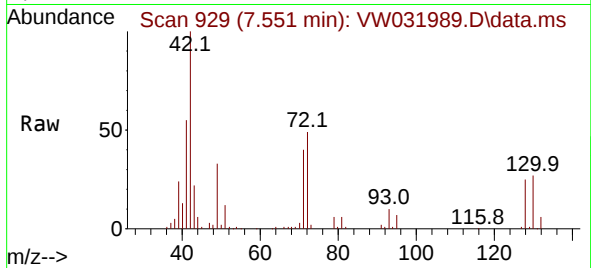




#29
Tetrahydrofuran
Concen: 90.744 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

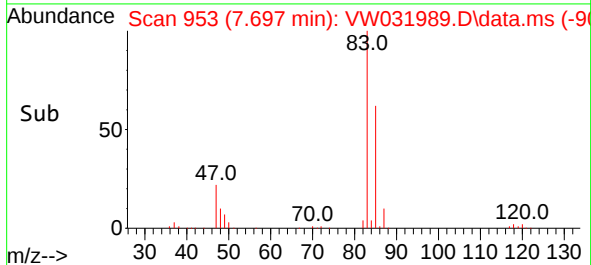
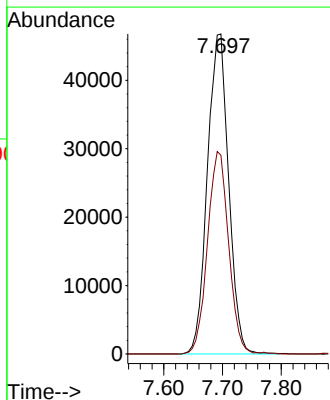
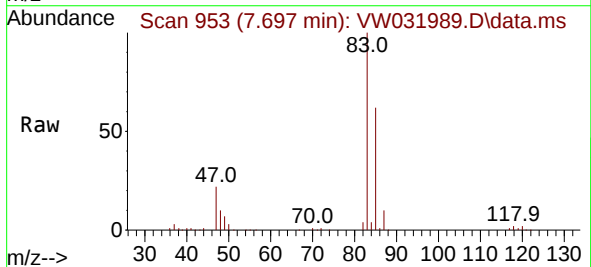
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

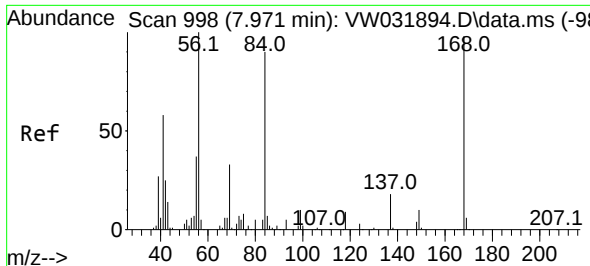
Tgt Ion: 42 Resp: 61996
Ion Ratio Lower Upper
42 100
72 46.6 37.0 55.6
71 43.8 34.5 51.7



#30
Chloroform
Concen: 20.401 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 83 Resp: 117366
Ion Ratio Lower Upper
83 100
85 62.1 52.6 78.8

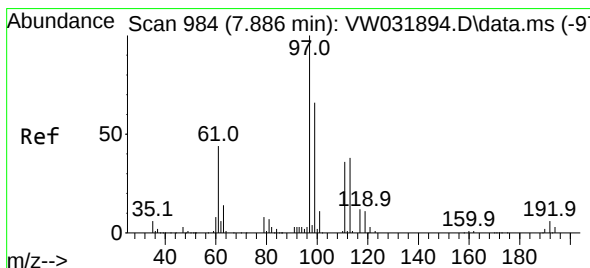
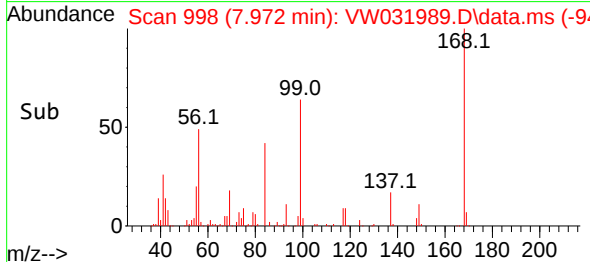
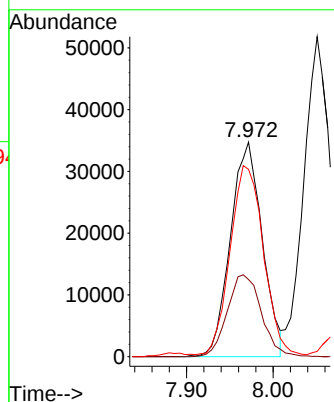
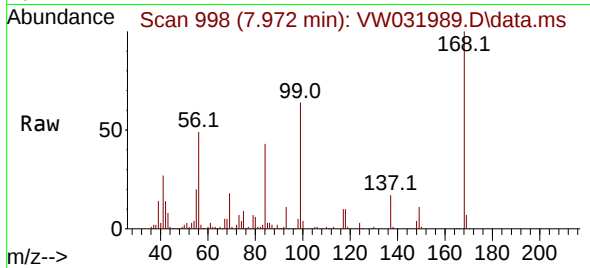




#31
Cyclohexane
Concen: 17.988 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

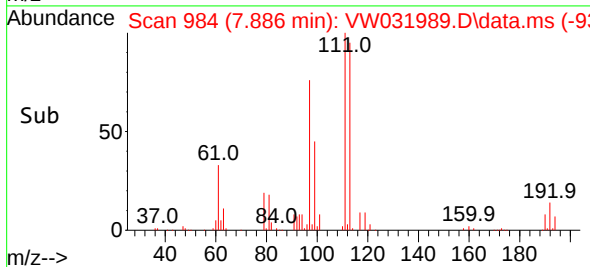
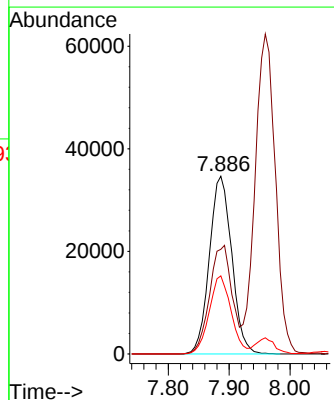
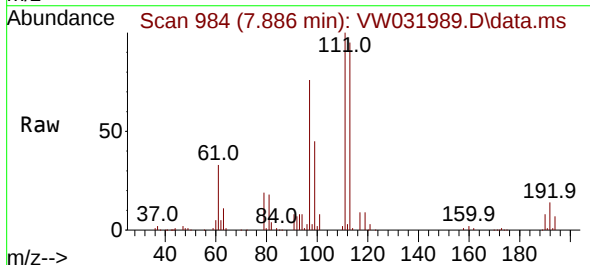
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

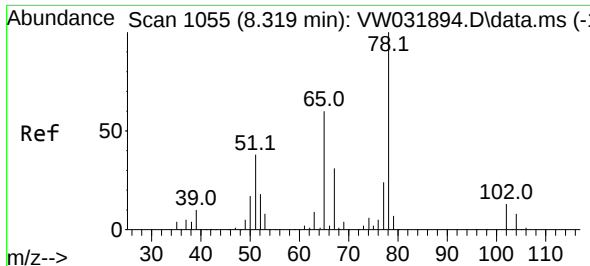
Tgt Ion: 56 Resp: 88545
Ion Ratio Lower Upper
56 100
69 35.9 26.7 40.1
84 85.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.191 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 97 Resp: 88389
Ion Ratio Lower Upper
97 100
99 60.9 53.0 79.4
61 42.9 35.4 53.0

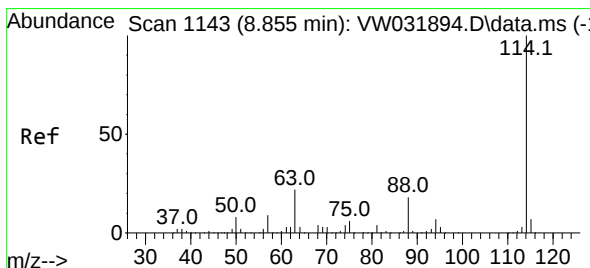
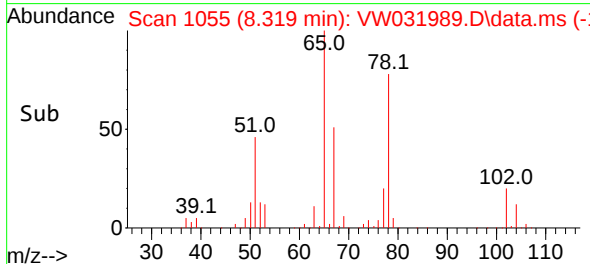
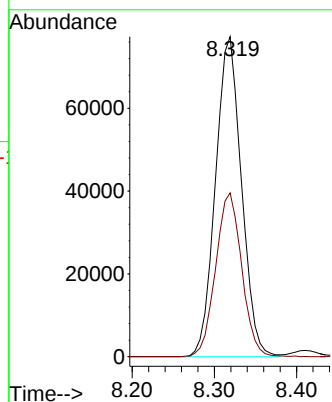
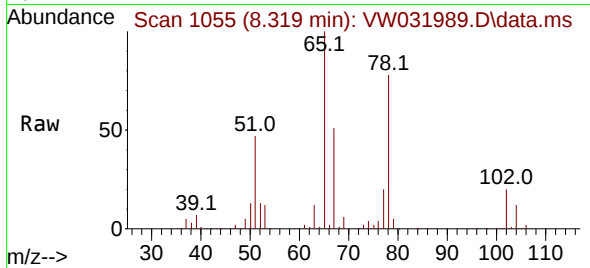




#33
 1,2-Dichloroethane-d4
 Concen: 52.831 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

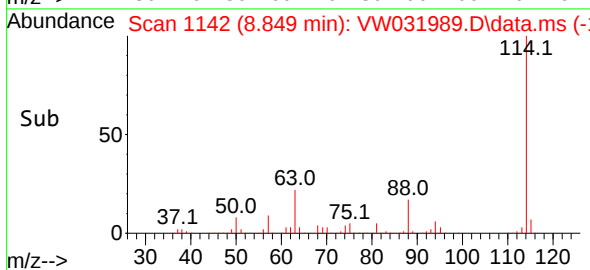
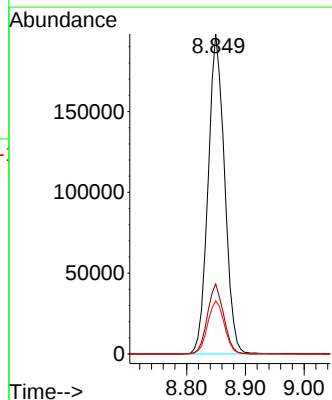
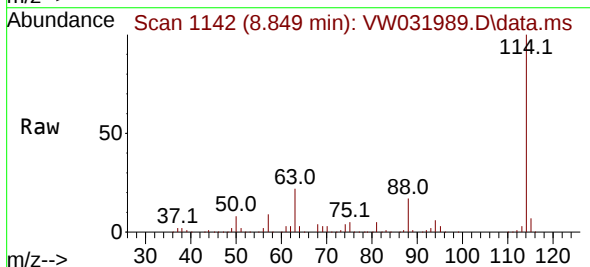
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBS01

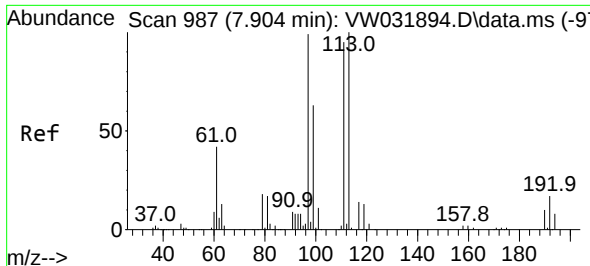
Tgt Ion: 65 Resp: 169564
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

Tgt Ion: 114 Resp: 385271
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.2
 88 16.6 0.0 35.6

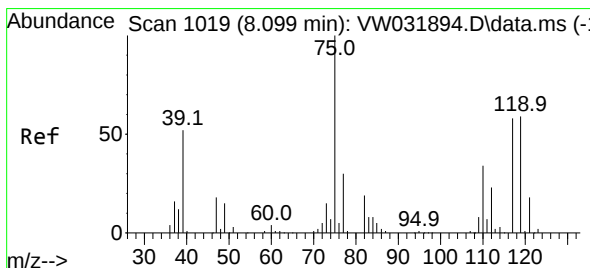
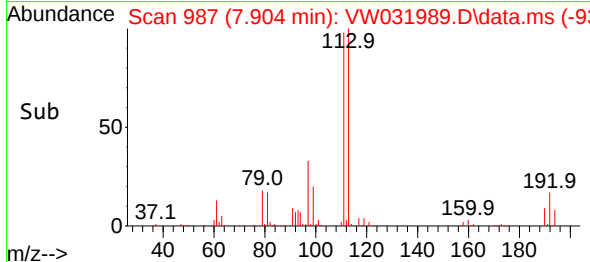
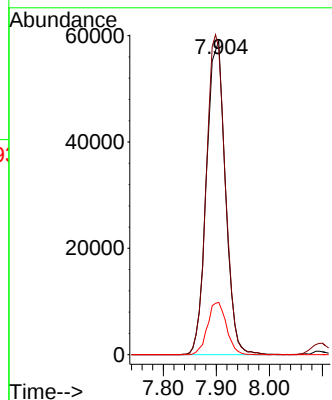
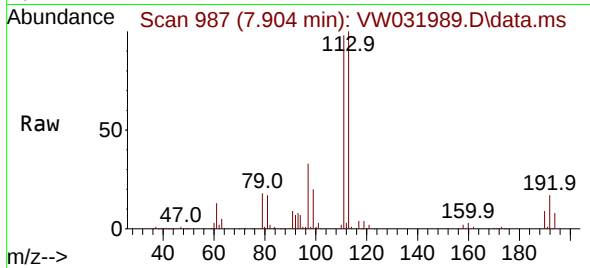




#35
 Dibromofluoromethane
 Concen: 55.935 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

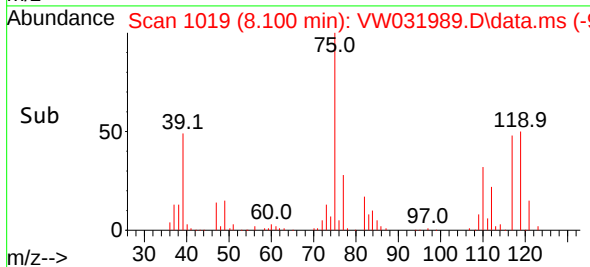
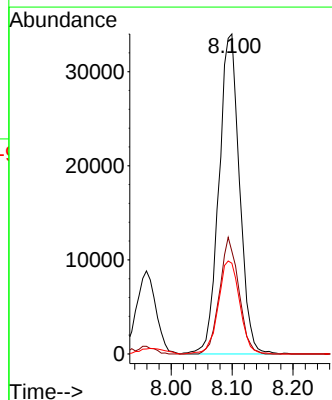
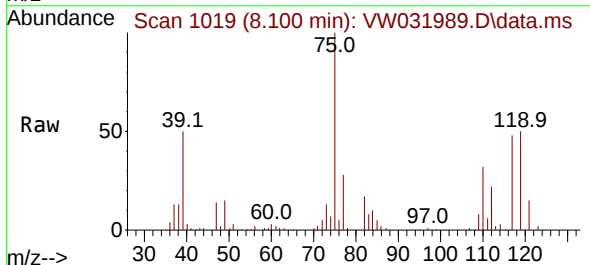
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBS01

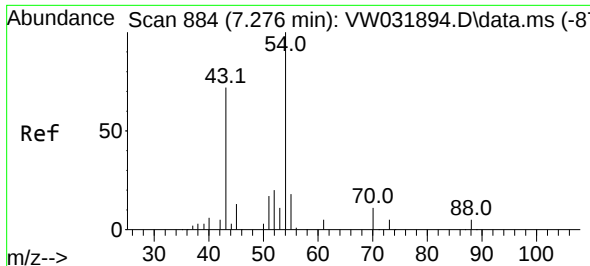
Tgt Ion:113 Resp: 146436
 Ion Ratio Lower Upper
 113 100
 111 101.7 79.9 119.9
 192 16.7 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 19.851 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

Tgt Ion: 75 Resp: 79810
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.0 50.9
 77 30.3 25.1 37.7





#37

Ethyl Acetate

Concen: 18.688 ug/l

RT: 7.277 min Scan# 884

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

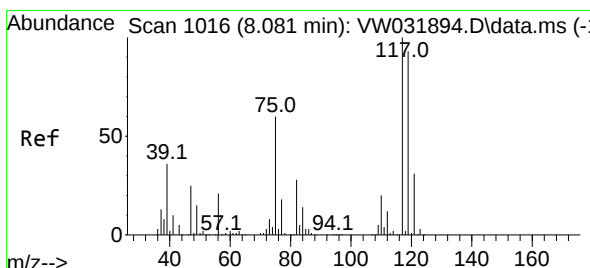
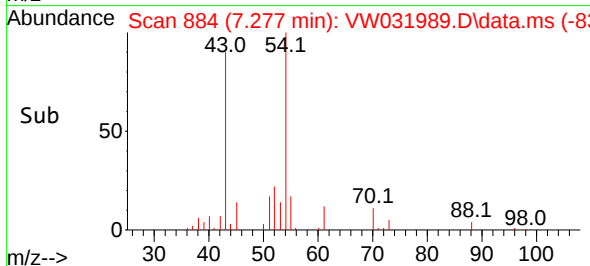
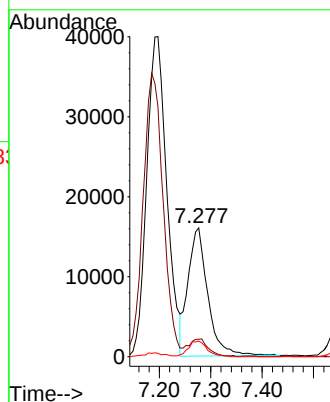
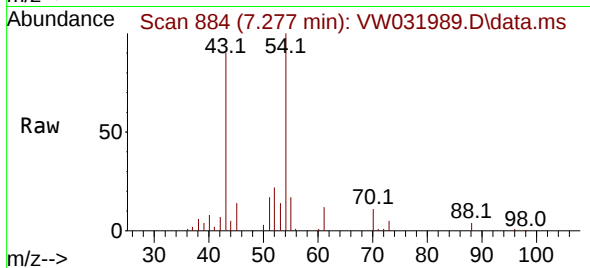
Tgt Ion: 43 Resp: 42860

Ion Ratio Lower Upper

43 100

61 13.8 10.6 15.8

70 11.5 9.0 13.4



#38

Carbon Tetrachloride

Concen: 20.071 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

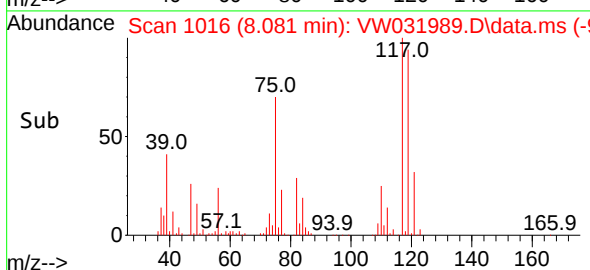
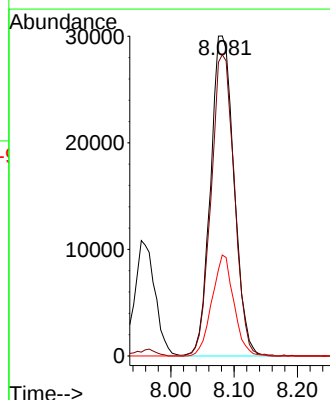
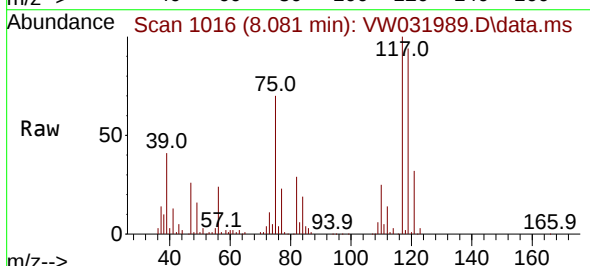
Tgt Ion: 117 Resp: 77445

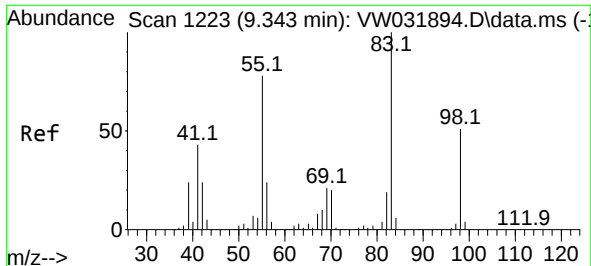
Ion Ratio Lower Upper

117 100

119 94.2 74.3 111.5

121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 18.523 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

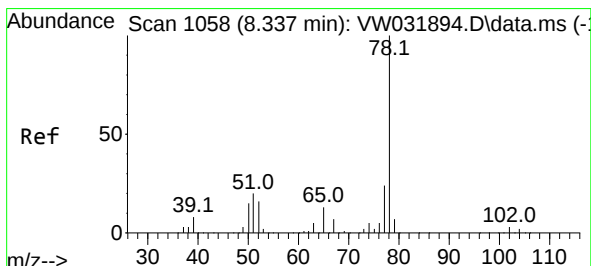
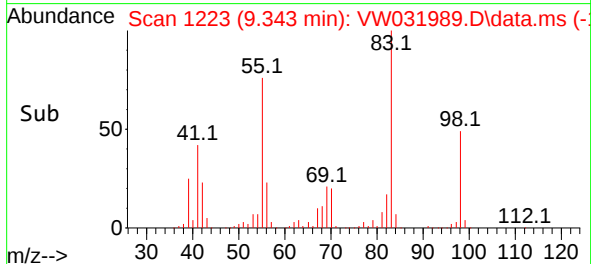
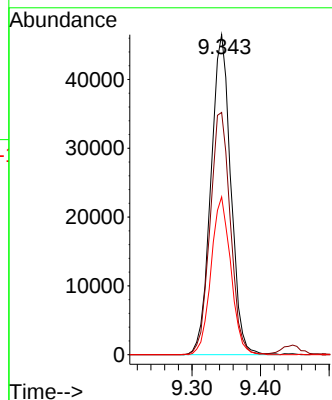
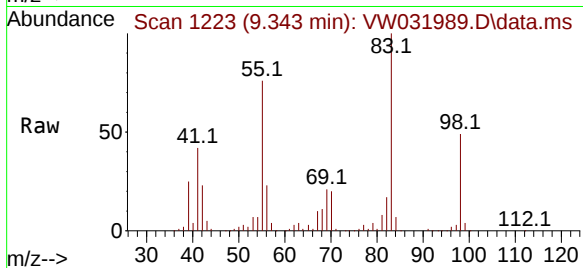
Tgt Ion: 83 Resp: 93717

Ion Ratio Lower Upper

83 100

55 75.7 62.5 93.7

98 49.3 40.6 61.0



#40

Benzene

Concen: 20.371 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031989.D

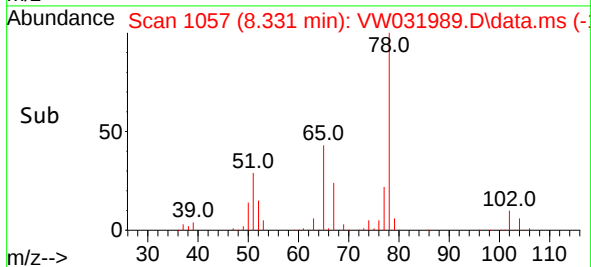
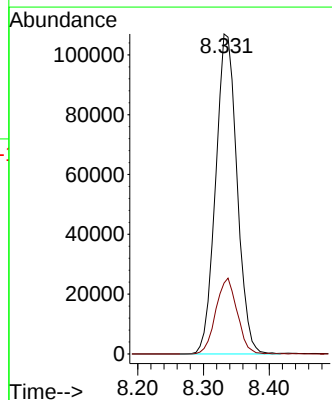
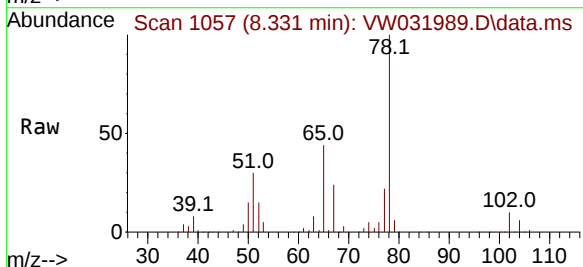
Acq: 04 Aug 2025 10:20

Tgt Ion: 78 Resp: 242440

Ion Ratio Lower Upper

78 100

77 22.2 19.3 28.9



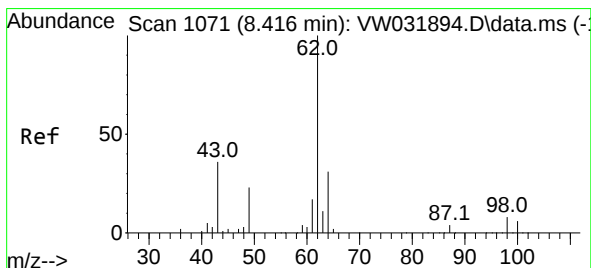
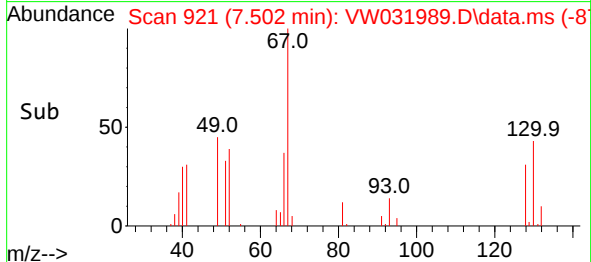
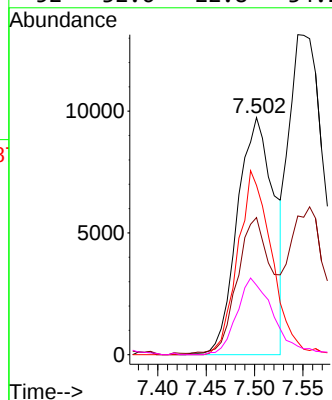
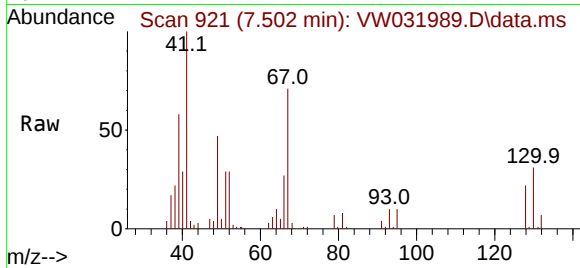


#41
Methacrylonitrile
Concen: 18.746 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

Tgt Ion: 41 Resp: 25737

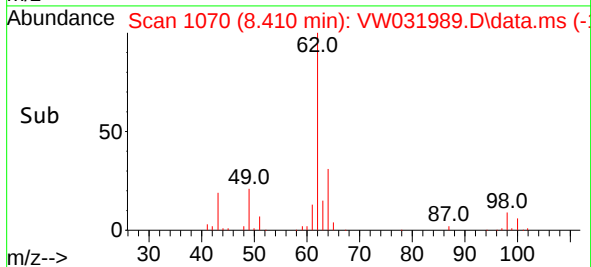
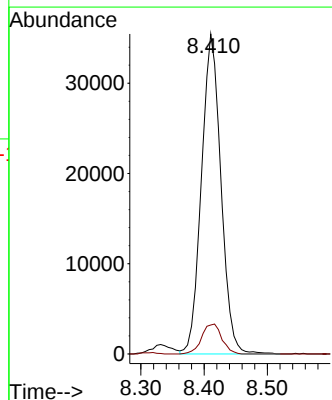
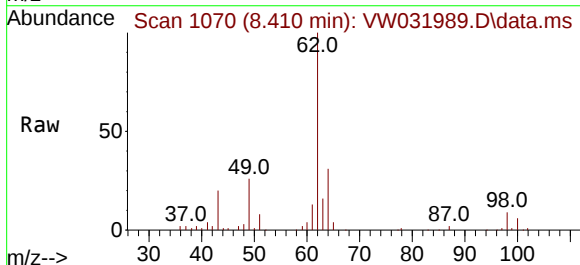
Ion	Ratio	Lower	Upper
41	100		
39	55.7	41.1	61.7
67	72.0	56.2	84.4
52	32.6	22.8	34.2

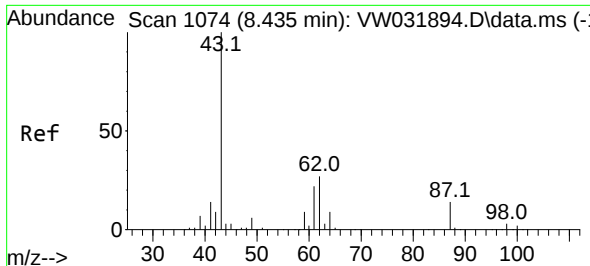


#42
1,2-Dichloroethane
Concen: 20.006 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 62 Resp: 76204

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2

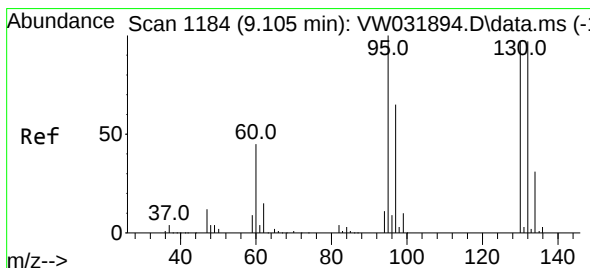
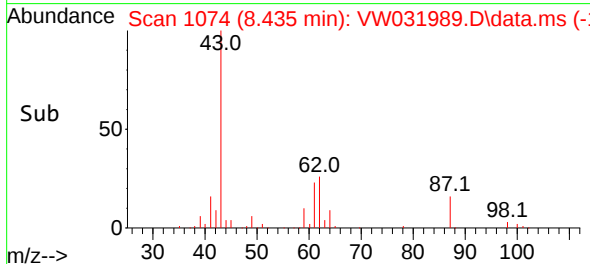
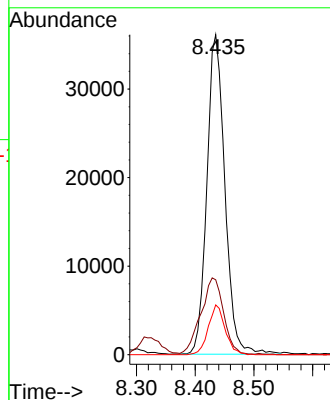
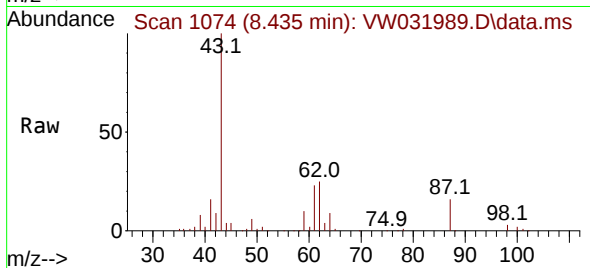




#43
Isopropyl Acetate
Concen: 18.558 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

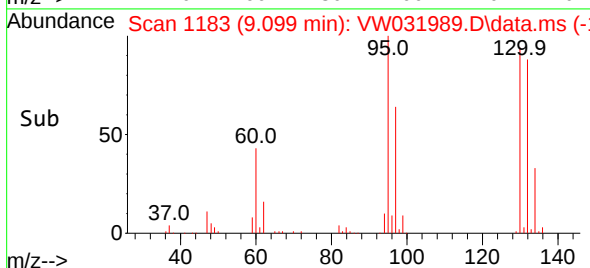
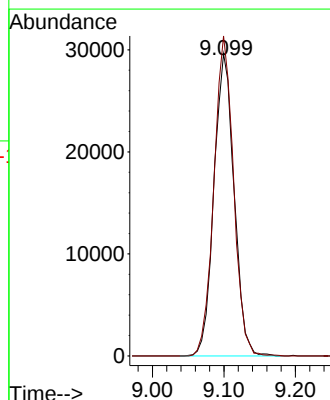
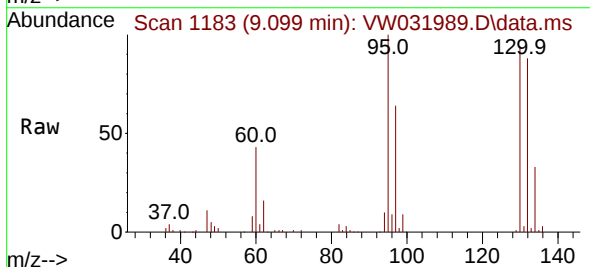
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

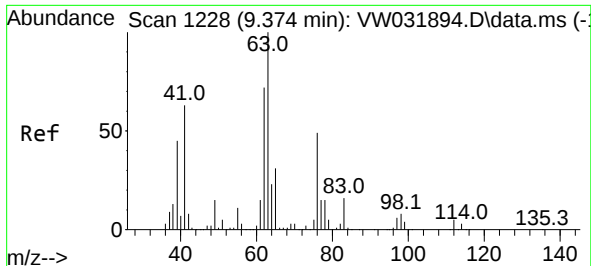
Tgt Ion: 43 Resp: 77055
Ion Ratio Lower Upper
43 100
61 30.0 24.0 36.0
87 14.6 11.1 16.7



#44
Trichloroethene
Concen: 20.443 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 130 Resp: 57832
Ion Ratio Lower Upper
130 100
95 105.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.201 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

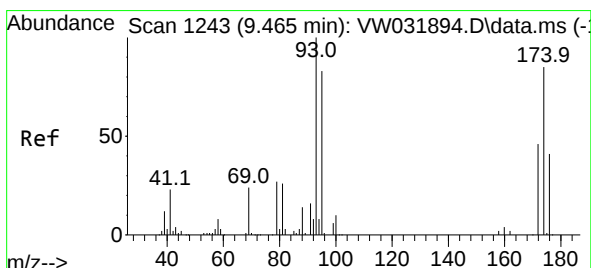
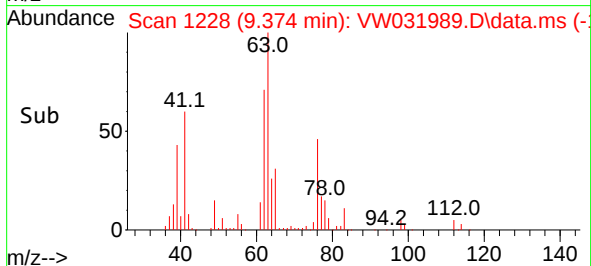
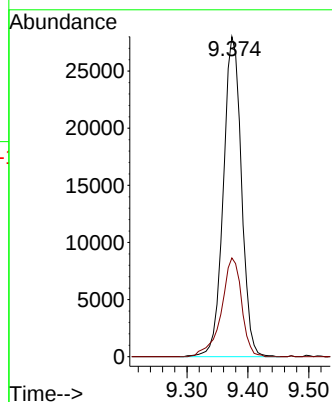
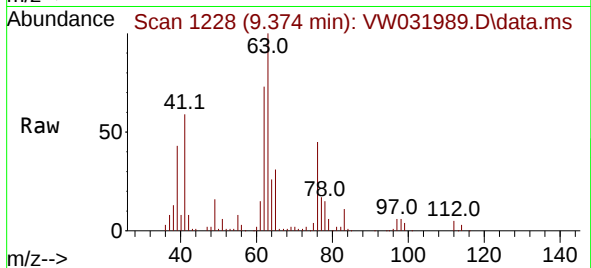
VW0804SBS01

Tgt Ion: 63 Resp: 57900

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.4



#46

Dibromomethane

Concen: 20.297 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

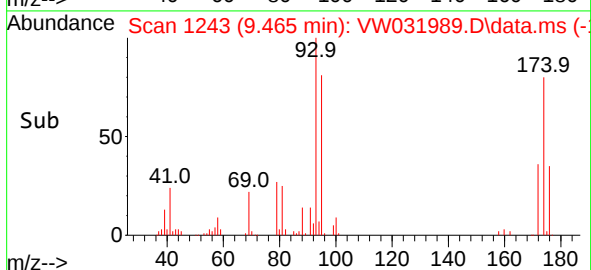
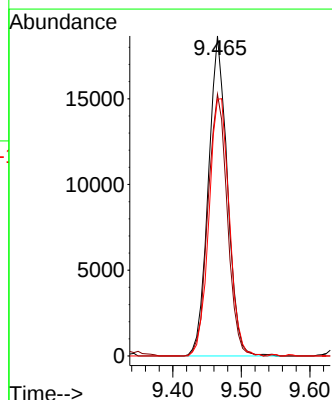
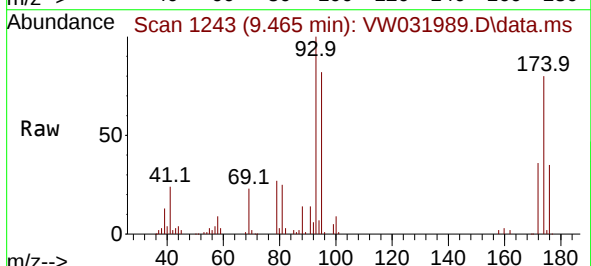
Tgt Ion: 93 Resp: 36063

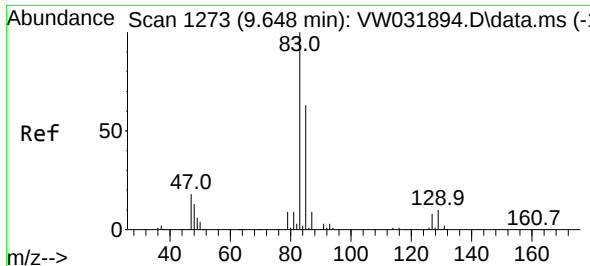
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

174 85.7 70.2 105.2

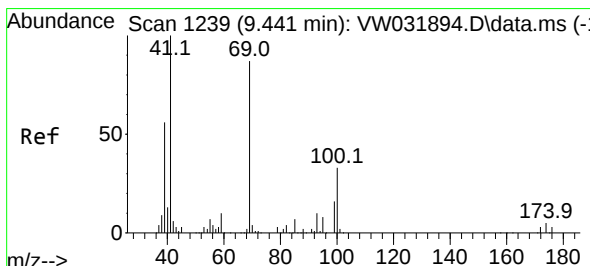
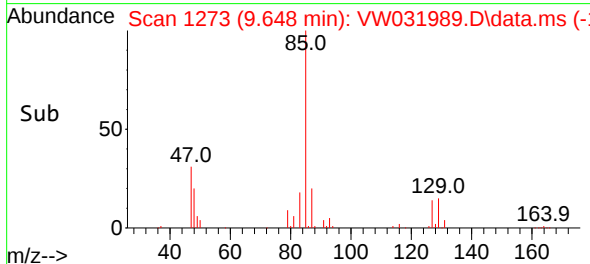
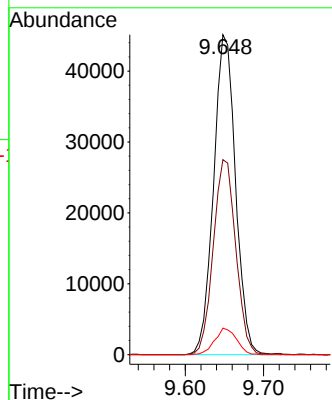
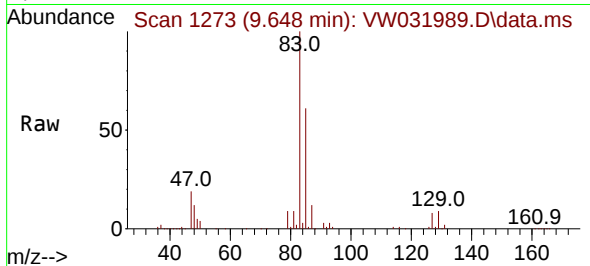




#47
Bromodichloromethane
Concen: 20.643 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

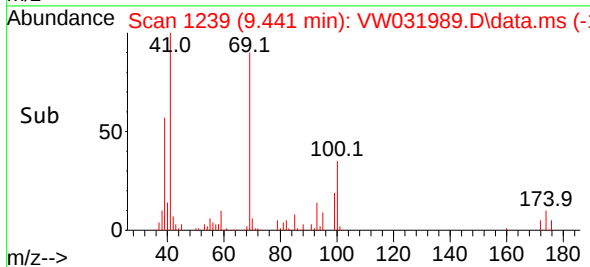
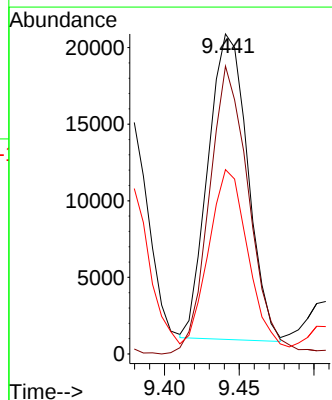
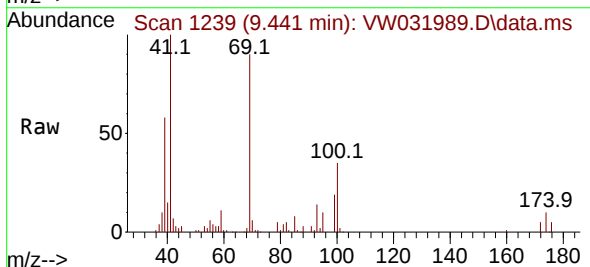
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

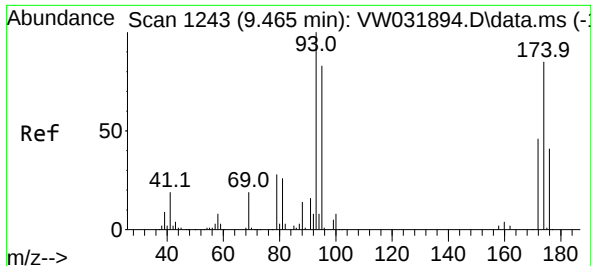
Tgt Ion: 83 Resp: 87948
Ion Ratio Lower Upper
83 100
85 60.9 50.6 76.0
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 18.600 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 41 Resp: 36741
Ion Ratio Lower Upper
41 100
69 95.4 73.6 110.4
39 56.8 45.5 68.3

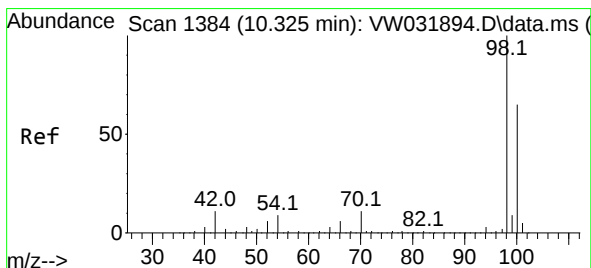
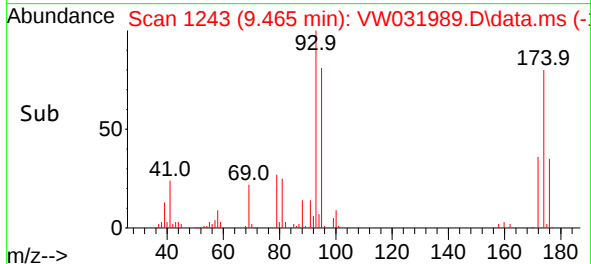
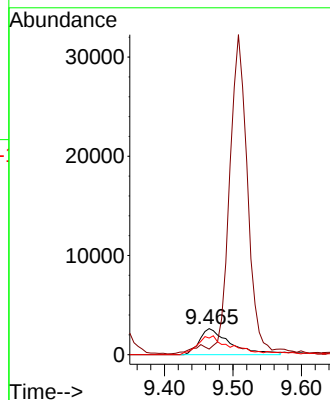
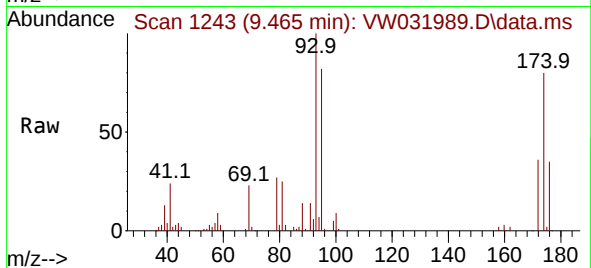




#49
1,4-Dioxane
Concen: 464.942 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

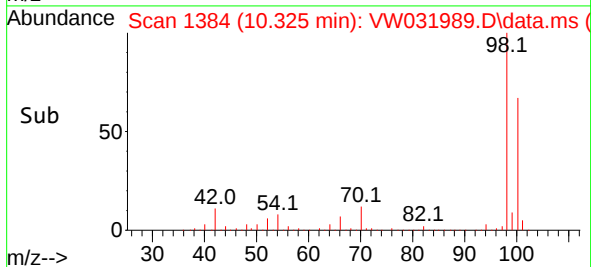
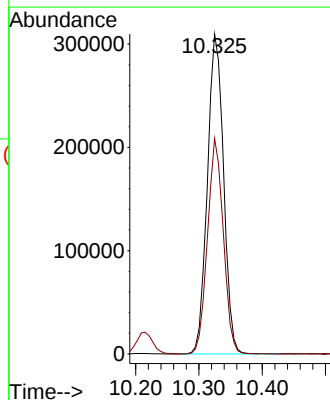
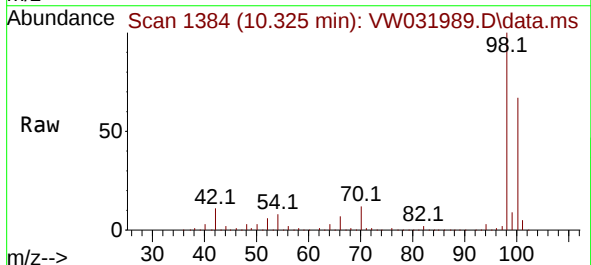
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

Tgt Ion: 88 Resp: 8243
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.4#
58 75.0 58.2 87.2



#50
Toluene-d8
Concen: 55.605 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 98 Resp: 550944
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5

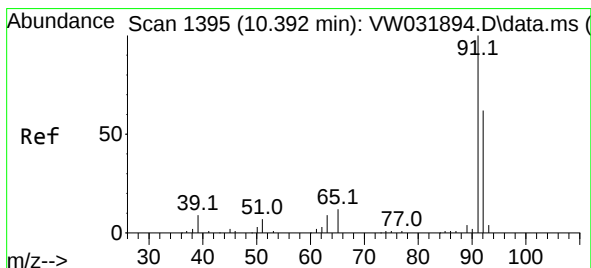
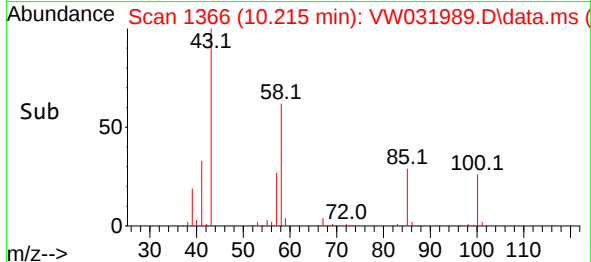
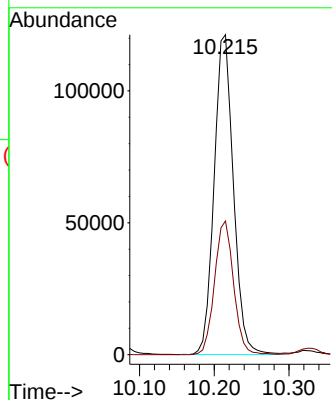
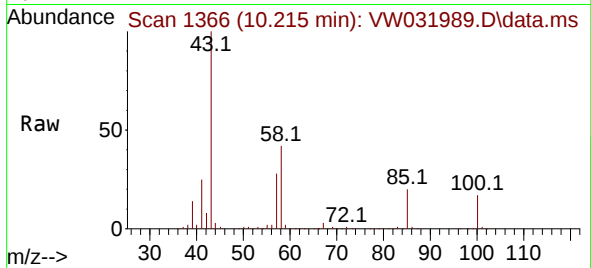




#51
4-Methyl-2-Pentanone
Concen: 95.672 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

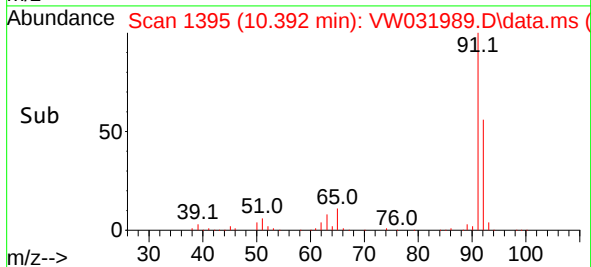
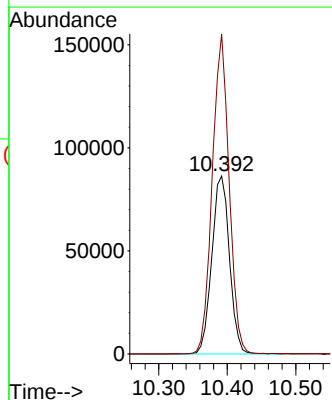
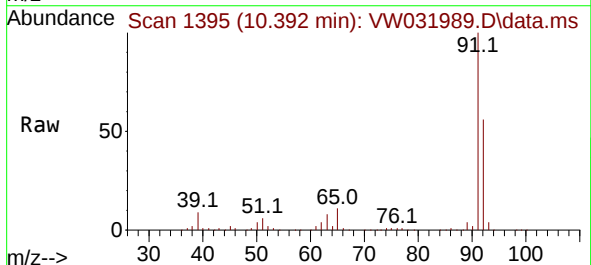
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

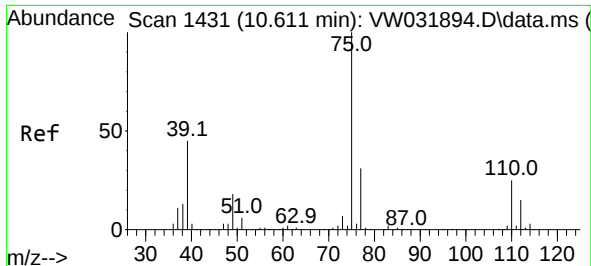
Tgt Ion: 43 Resp: 217393
Ion Ratio Lower Upper
43 100
58 41.4 32.8 49.2



#52
Toluene
Concen: 20.202 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 92 Resp: 154561
Ion Ratio Lower Upper
92 100
91 171.8 133.7 200.5

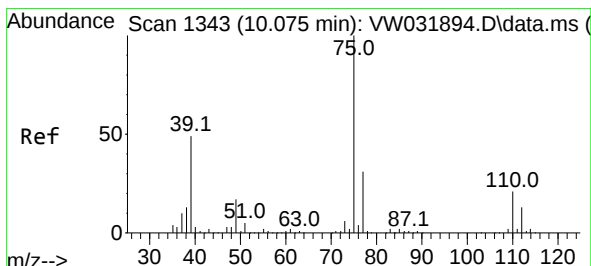
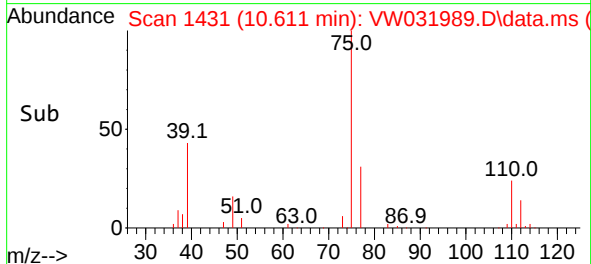
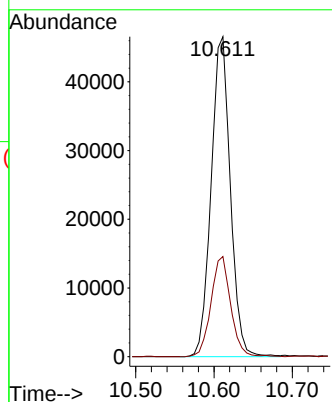
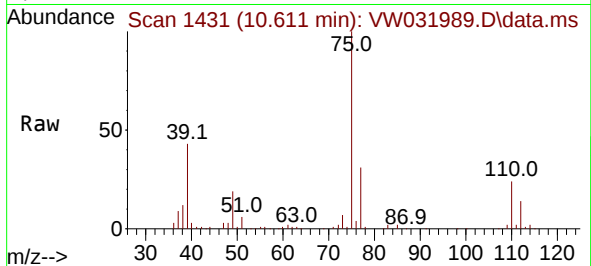




#53
 t-1,3-Dichloropropene
 Concen: 19.401 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

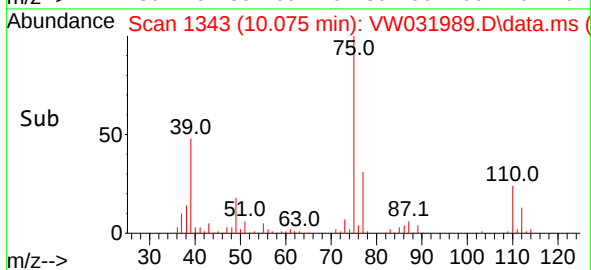
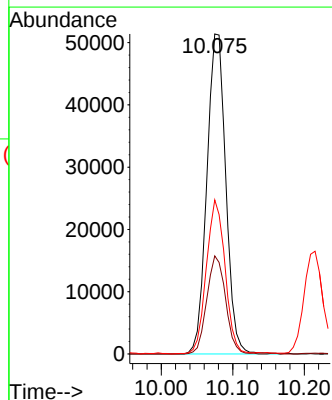
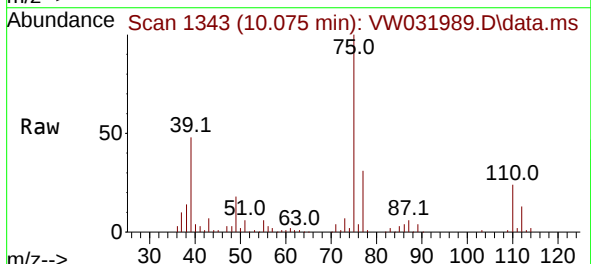
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBS01

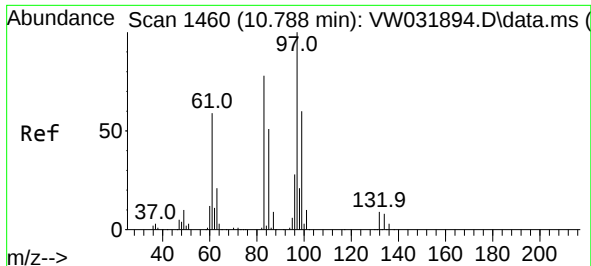
Tgt Ion: 75 Resp: 79291
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.241 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031989.D
 Acq: 04 Aug 2025 10:20

Tgt Ion: 75 Resp: 94470
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7
 39 48.0 39.3 58.9

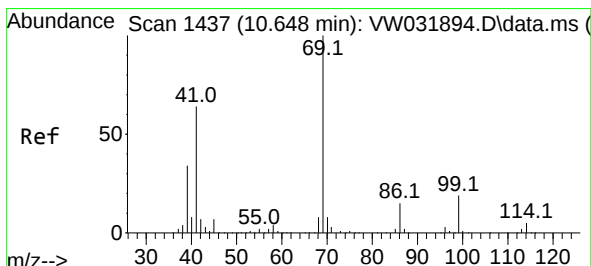
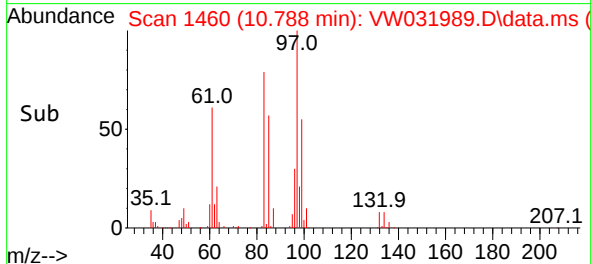
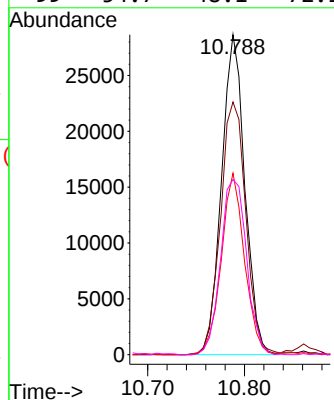
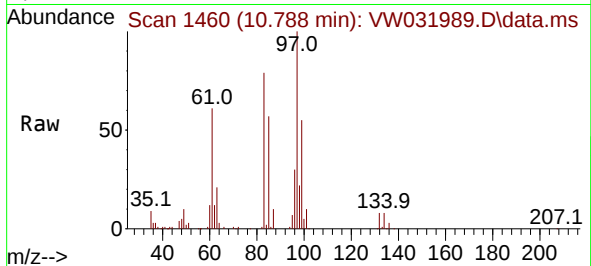




#55
1,1,2-Trichloroethane
Concen: 20.338 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

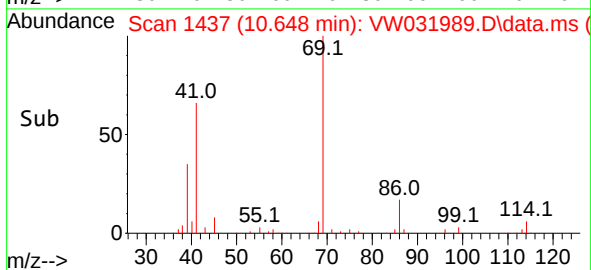
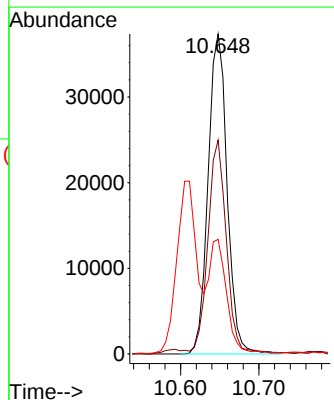
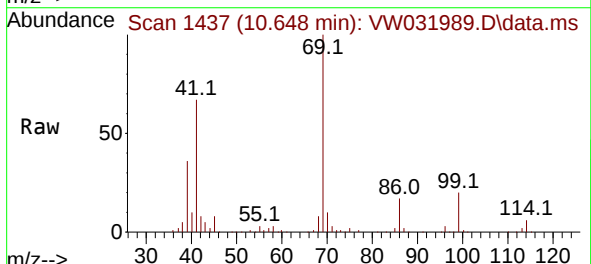
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

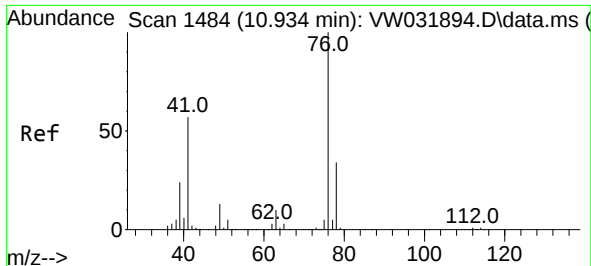
Tgt Ion:	97	Resp:	47999
Ion	Ratio	Lower	Upper
97	100		
83	79.0	62.4	93.6
85	56.7	41.0	61.6
99	54.7	48.1	72.1



#56
Ethyl methacrylate
Concen: 18.921 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion:	69	Resp:	63067
Ion	Ratio	Lower	Upper
69	100		
41	63.4	52.0	78.0
39	32.7	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.062 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

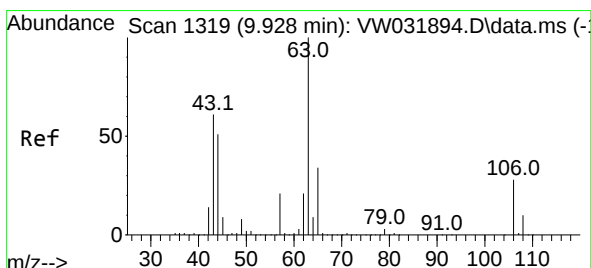
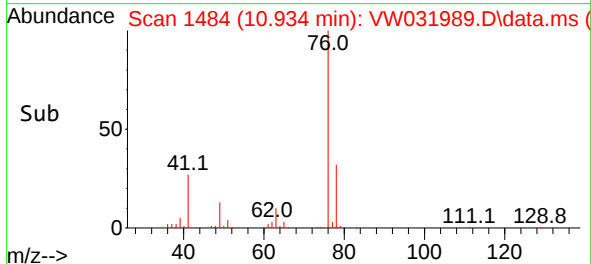
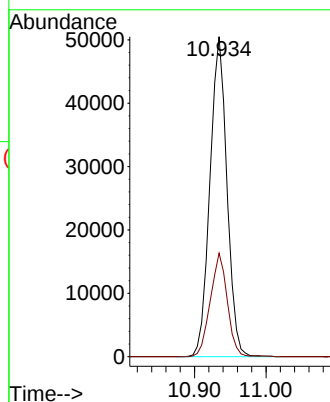
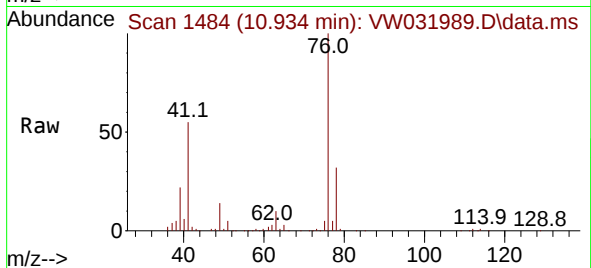
VW0804SBS01

Tgt Ion: 76 Resp: 83414

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.510 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031989.D

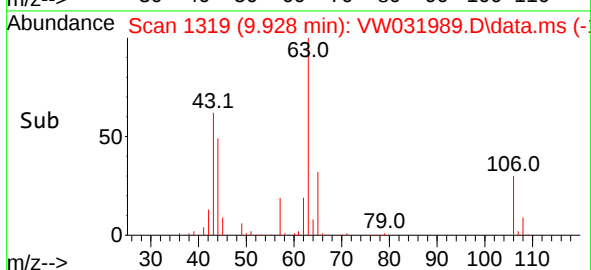
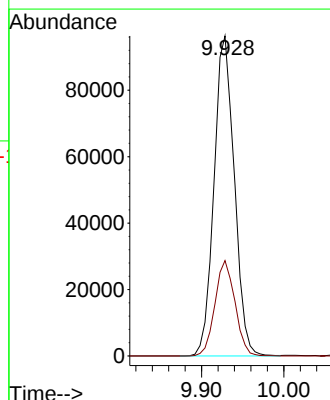
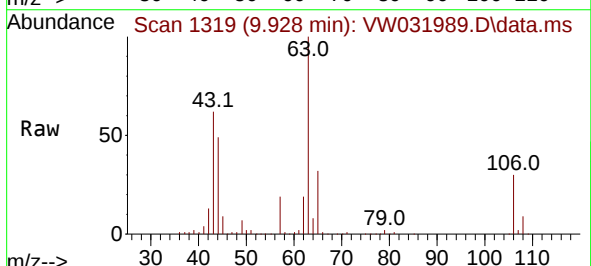
Acq: 04 Aug 2025 10:20

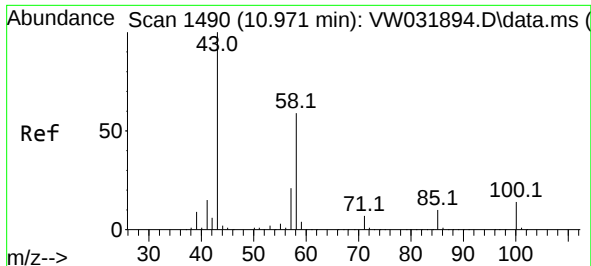
Tgt Ion: 63 Resp: 165236

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1

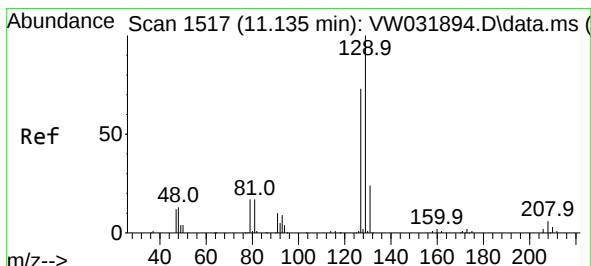
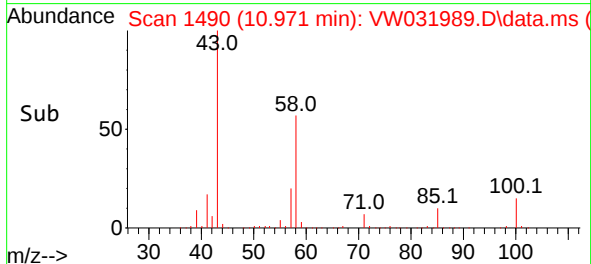
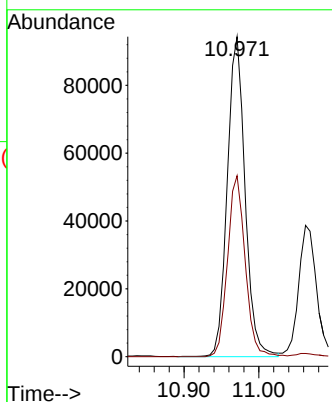
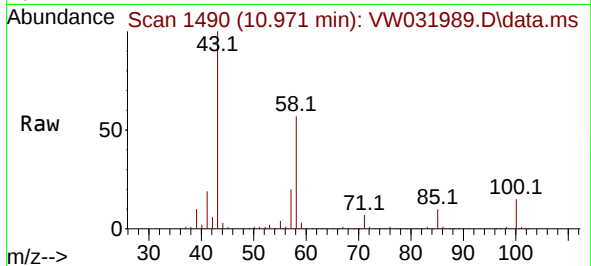




#59
2-Hexanone
Concen: 99.104 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

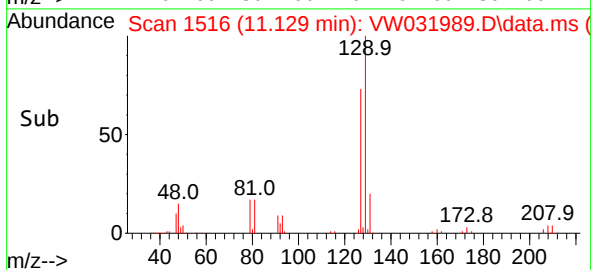
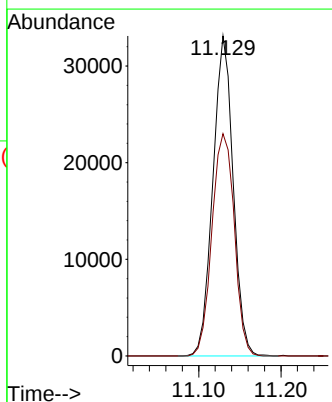
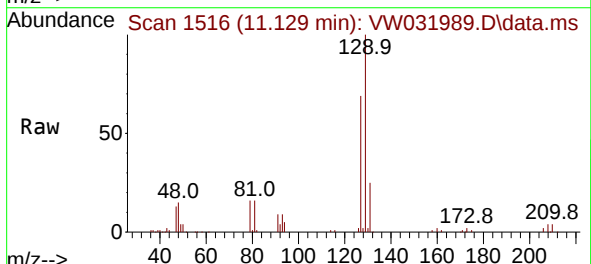
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

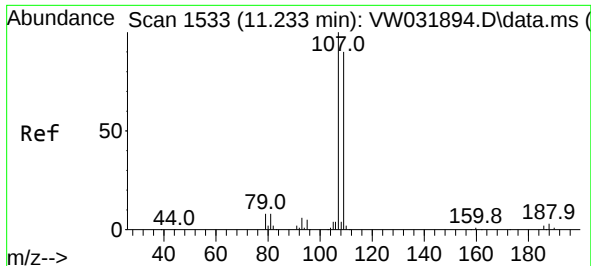
Tgt Ion: 43 Resp: 156530
Ion Ratio Lower Upper
43 100
58 56.1 28.5 85.6



#60
Dibromochloromethane
Concen: 20.606 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 129 Resp: 56702
Ion Ratio Lower Upper
129 100
127 76.4 39.6 118.8

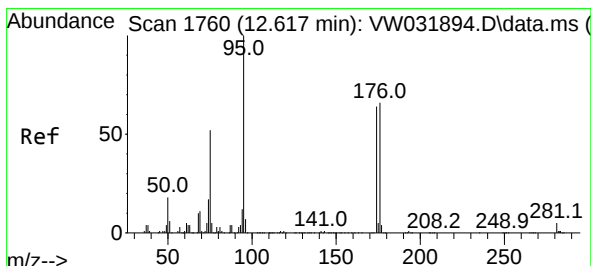
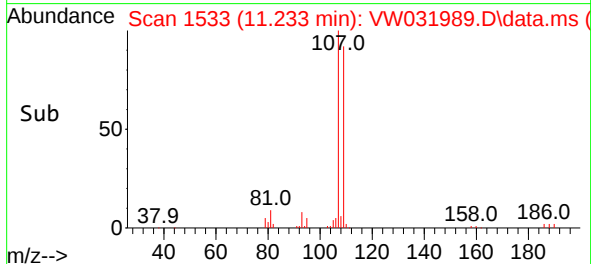
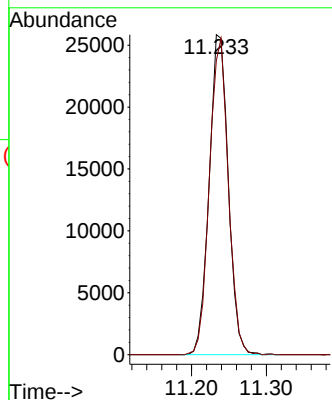
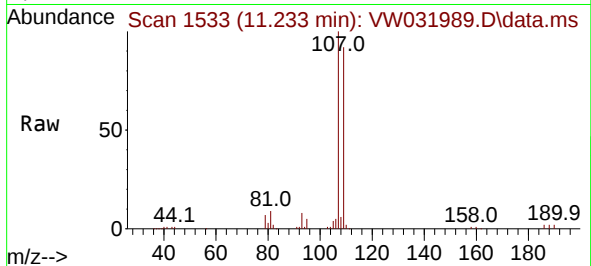




#61
1,2-Dibromoethane
Concen: 19.696 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

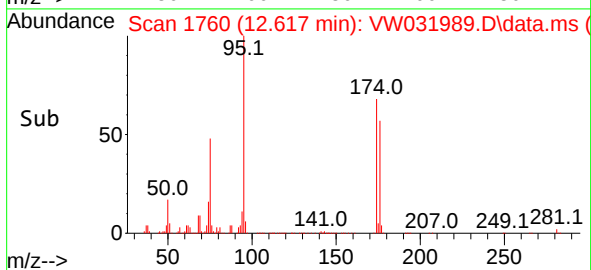
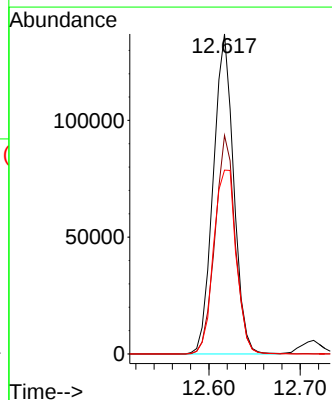
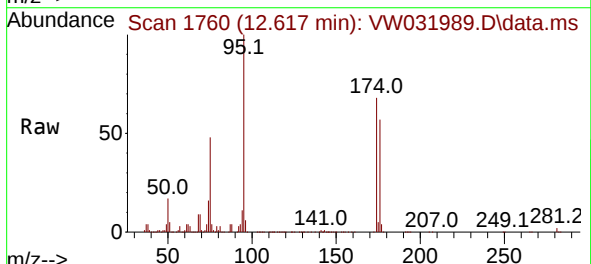
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

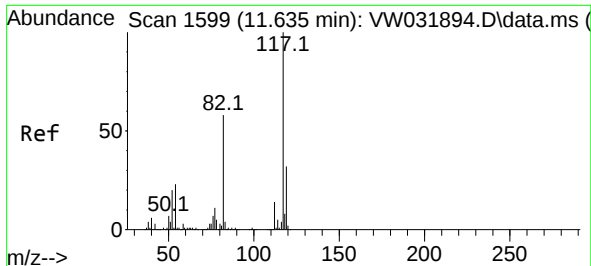
Tgt Ion:107 Resp: 45932
Ion Ratio Lower Upper
107 100
109 97.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.869 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 95 Resp: 212555
Ion Ratio Lower Upper
95 100
174 67.7 0.0 129.8
176 63.9 0.0 130.4

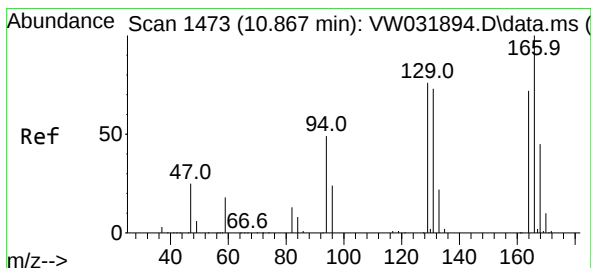
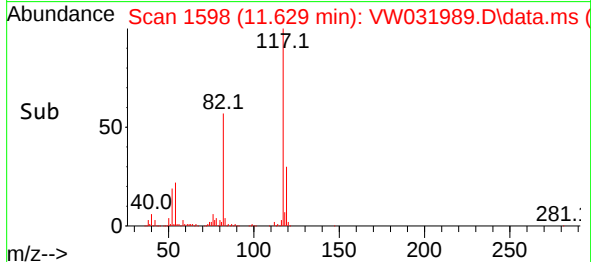
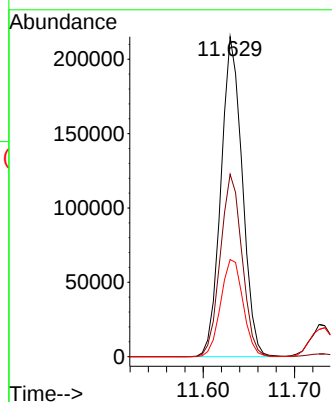
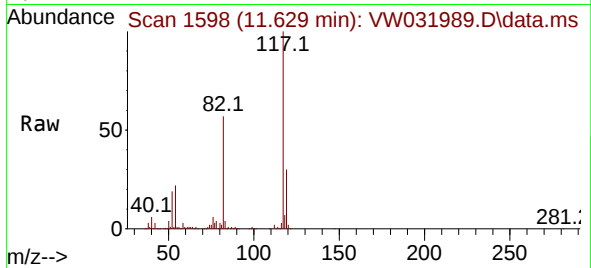




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

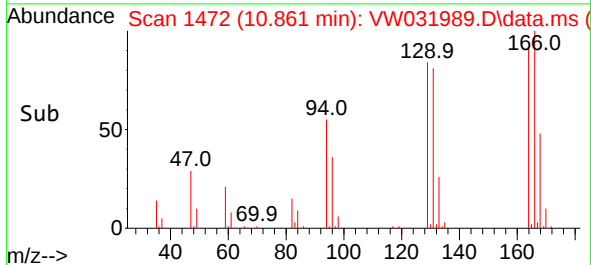
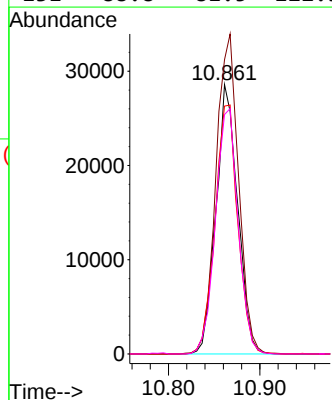
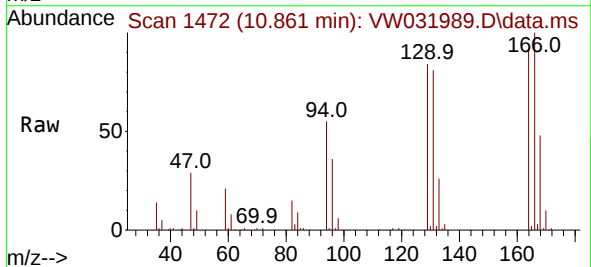
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

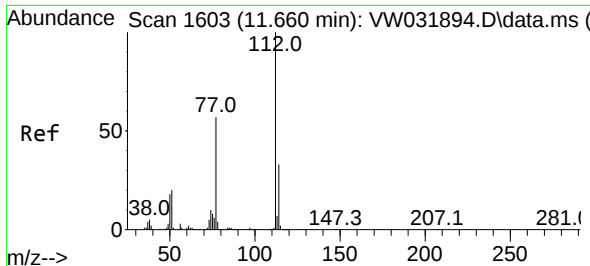
Tgt Ion:117 Resp: 349774
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 30.3 25.8 38.6



#64
Tetrachloroethene
Concen: 20.468 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion:164 Resp: 47201
Ion Ratio Lower Upper
164 100
166 109.2 111.5 167.3#
129 92.0 85.1 127.7
131 88.8 81.5 122.3

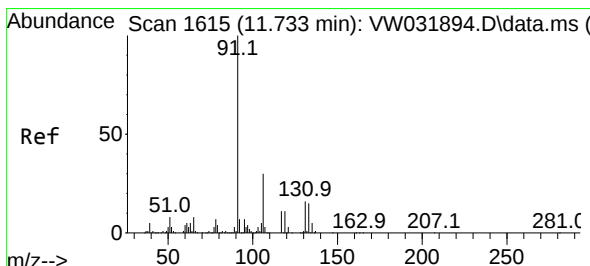
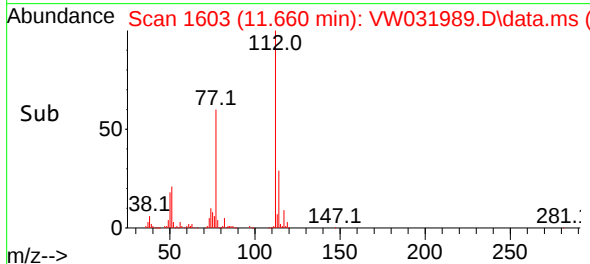
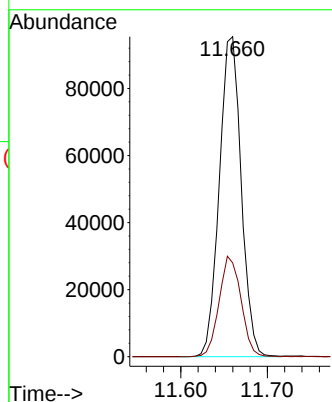
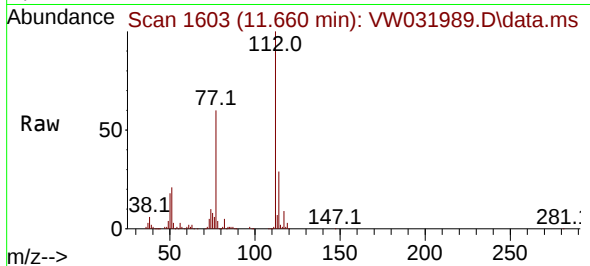




#65
Chlorobenzene
Concen: 19.588 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

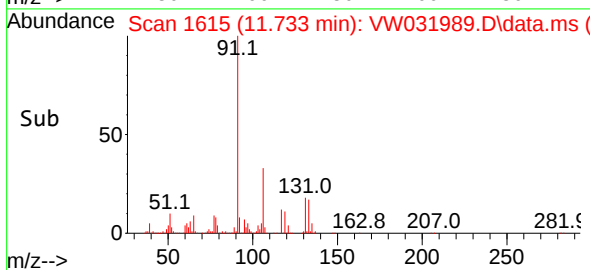
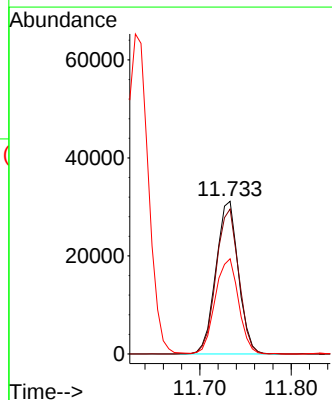
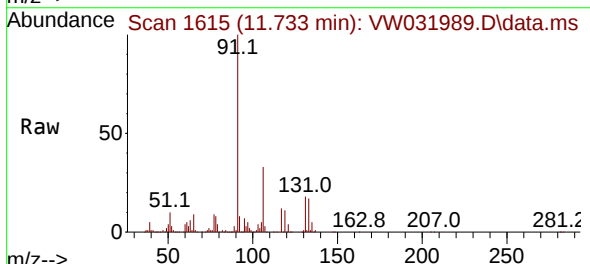
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

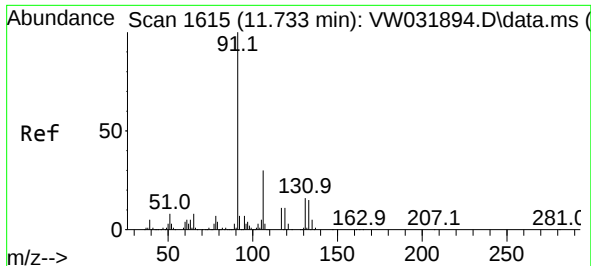
Tgt Ion:112 Resp: 167687
Ion Ratio Lower Upper
112 100
114 29.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.079 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion:131 Resp: 53288
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 64.8 33.7 101.1

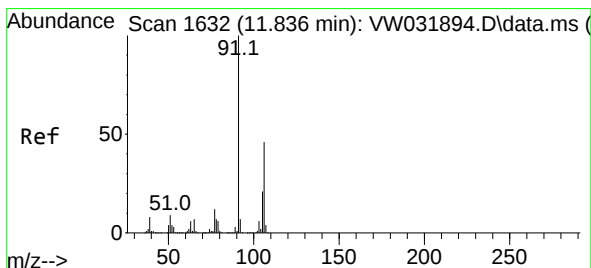
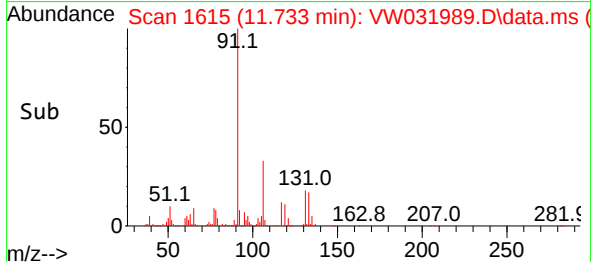
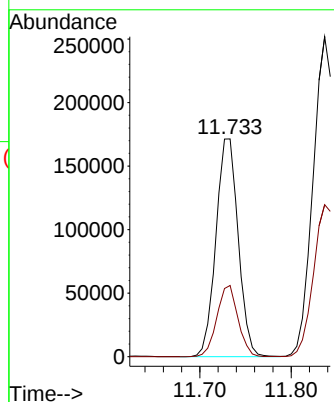
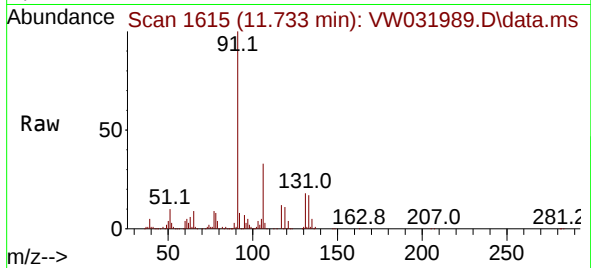




#67
Ethyl Benzene
Concen: 19.308 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

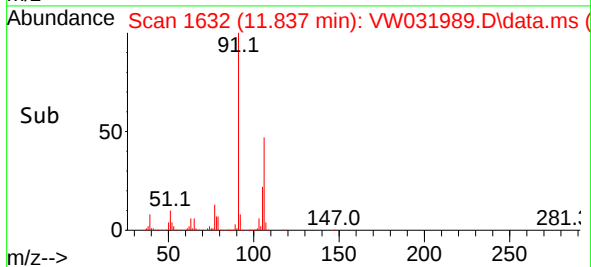
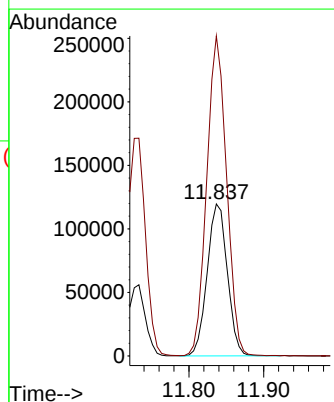
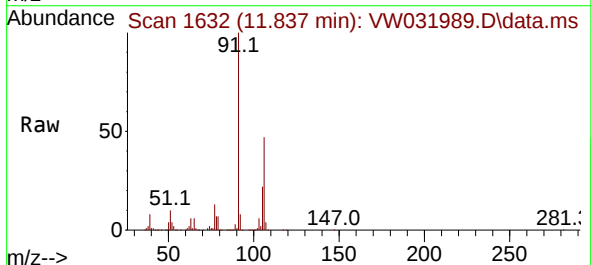
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

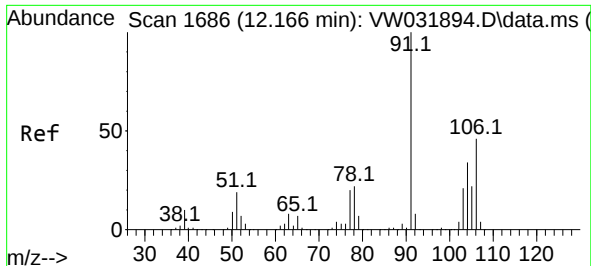
Tgt Ion: 91 Resp: 290411
Ion Ratio Lower Upper
91 100
106 32.7 23.8 35.6



#68
m/p-Xylenes
Concen: 39.501 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion:106 Resp: 223663
Ion Ratio Lower Upper
106 100
91 207.3 167.7 251.5

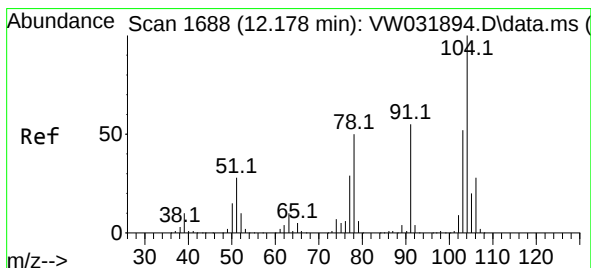
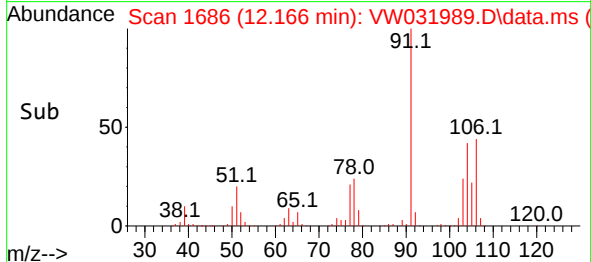
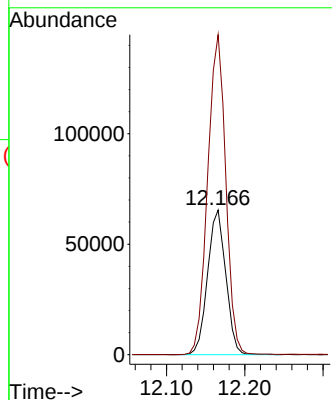
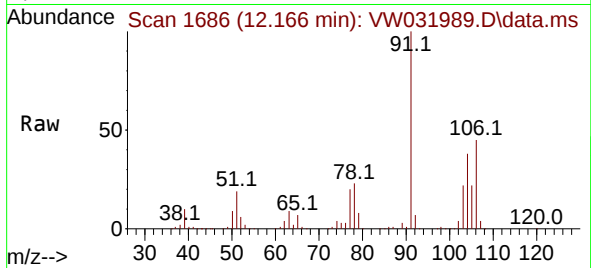




#69
o-Xylene
Concen: 19.689 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

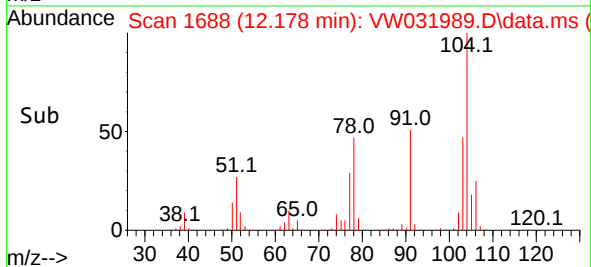
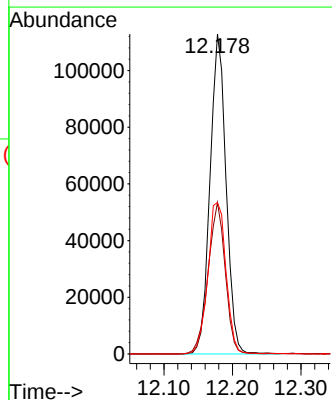
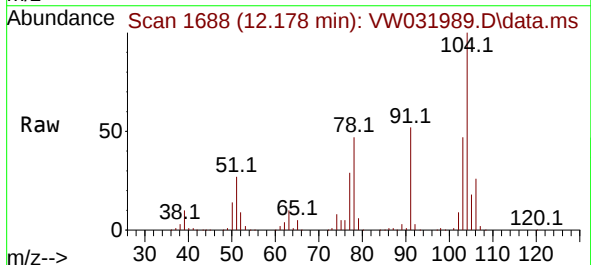
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

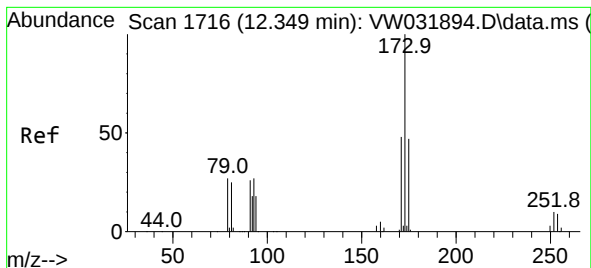
Tgt Ion:106 Resp: 105502
Ion Ratio Lower Upper
106 100
91 220.1 108.2 324.6



#70
Styrene
Concen: 20.187 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion:104 Resp: 184175
Ion Ratio Lower Upper
104 100
78 50.5 42.2 63.4
103 53.5 42.8 64.2





#71

Bromoform

Concen: 19.312 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

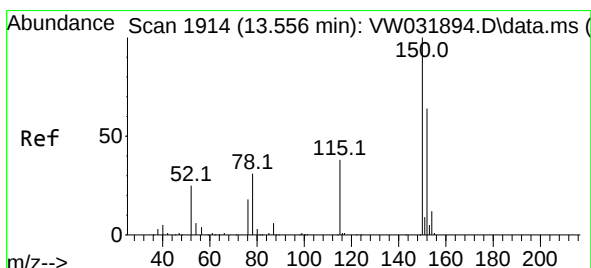
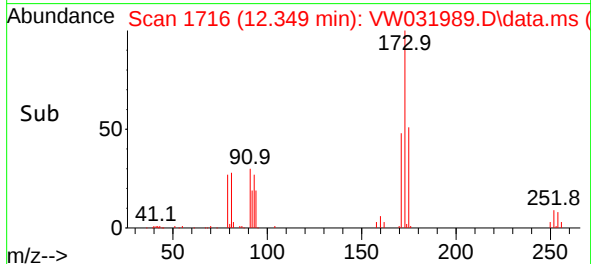
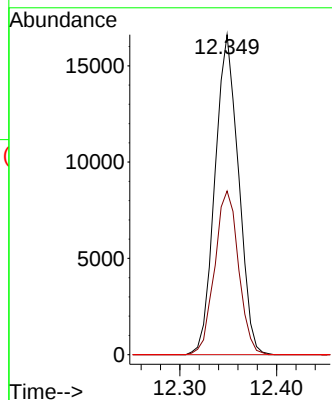
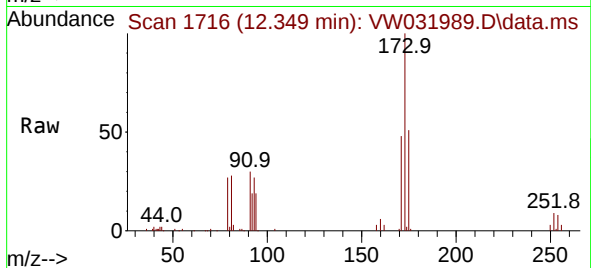
Tgt Ion:173 Resp: 28030

Ion Ratio Lower Upper

173 100

175 51.9 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

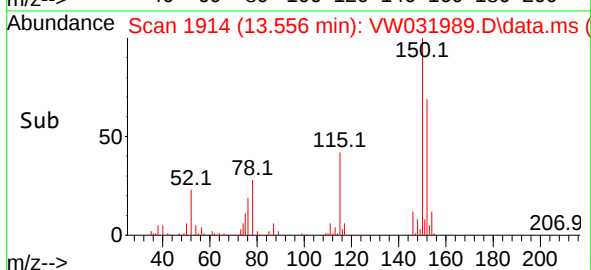
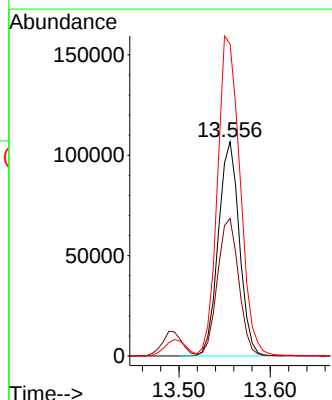
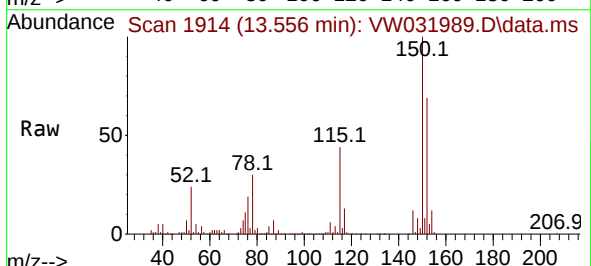
Tgt Ion:152 Resp: 170576

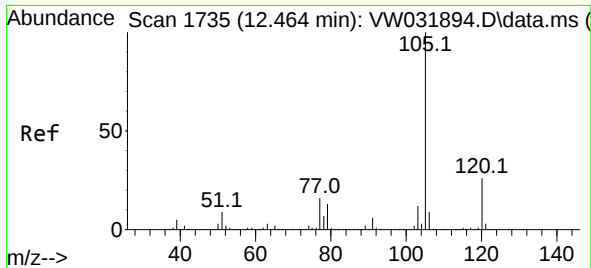
Ion Ratio Lower Upper

152 100

115 65.2 33.4 100.1

150 160.5 0.0 352.2

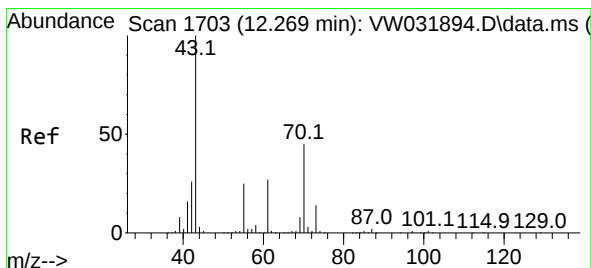
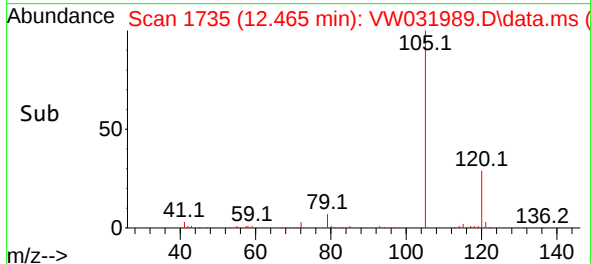
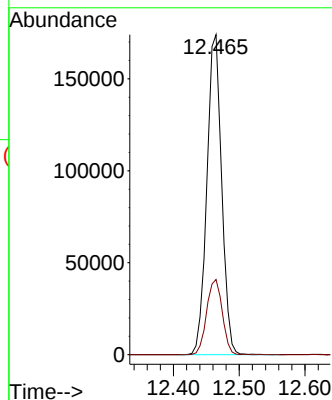
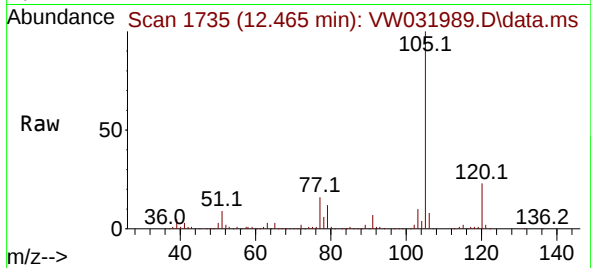




#73
Isopropylbenzene
Concen: 18.388 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

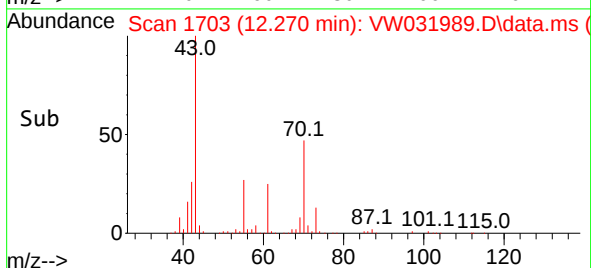
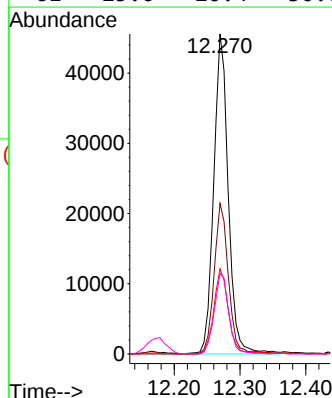
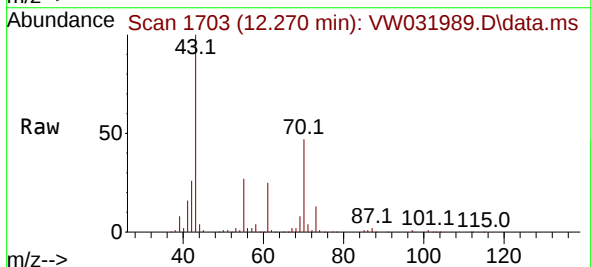
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

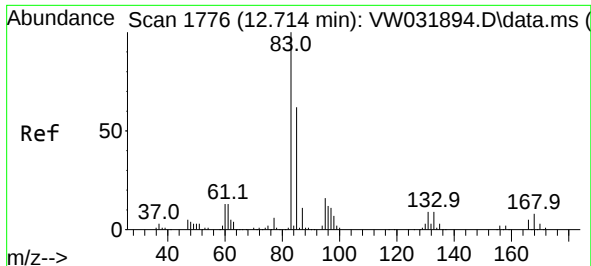
Tgt Ion:105 Resp: 272143
Ion Ratio Lower Upper
105 100
120 24.8 12.6 37.8



#74
N-ethyl acetate
Concen: 17.543 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 43 Resp: 70193
Ion Ratio Lower Upper
43 100
70 46.7 36.6 55.0
55 26.8 20.7 31.1
61 25.0 20.4 30.6

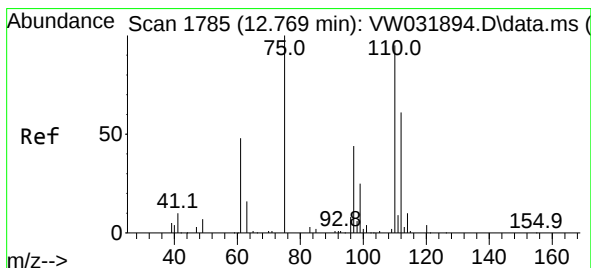
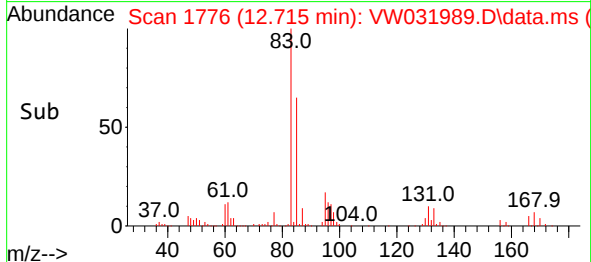
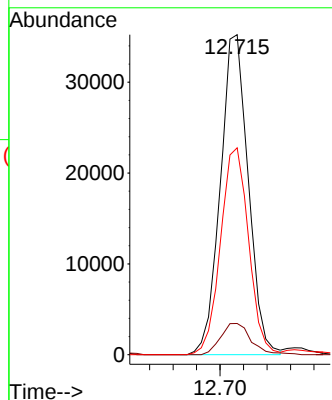
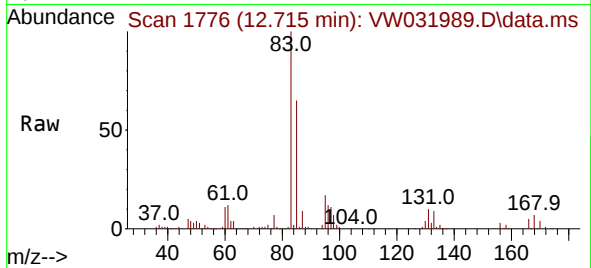




#75
1,1,2,2-Tetrachloroethane
Concen: 18.512 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

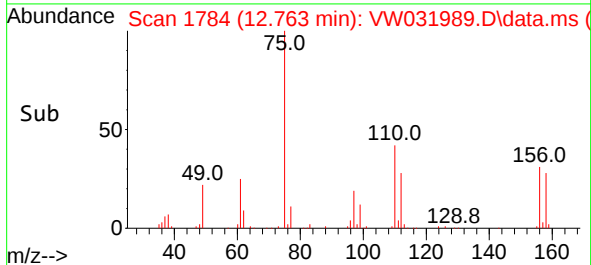
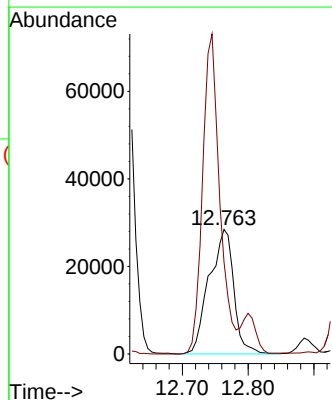
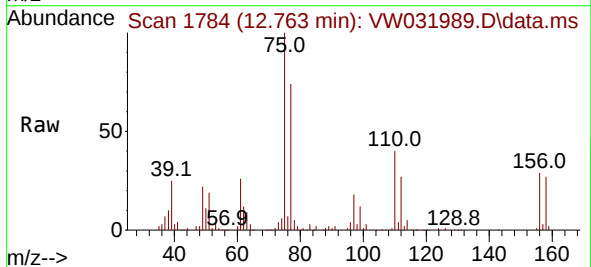
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

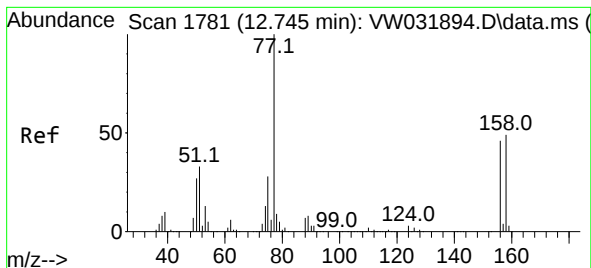
Tgt Ion: 83 Resp: 58156
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 65.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 31.437 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 75 Resp: 74037
Ion Ratio Lower Upper
75 100
77 179.9 0.0 0.0#





#77

Bromobenzene

Concen: 20.016 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

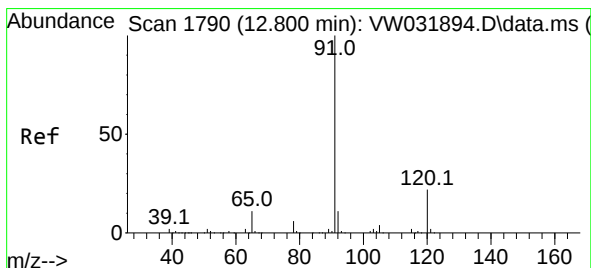
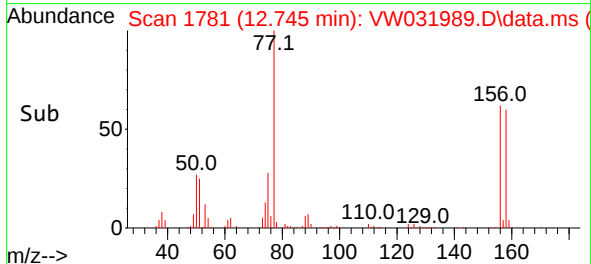
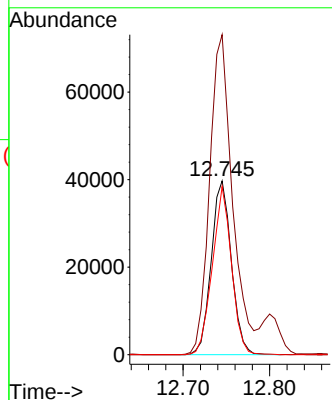
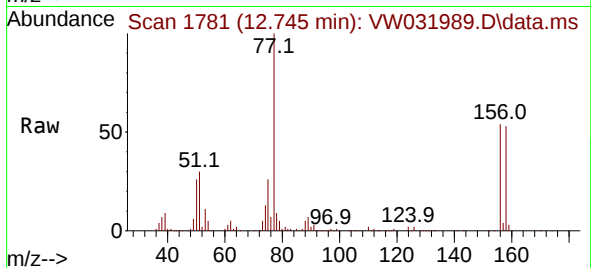
Tgt Ion:156 Resp: 64098

Ion Ratio Lower Upper

156 100

77 207.8 115.3 345.8

158 91.8 50.1 150.3



#78

n-propylbenzene

Concen: 18.616 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031989.D

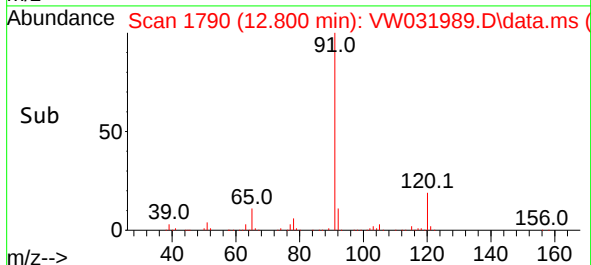
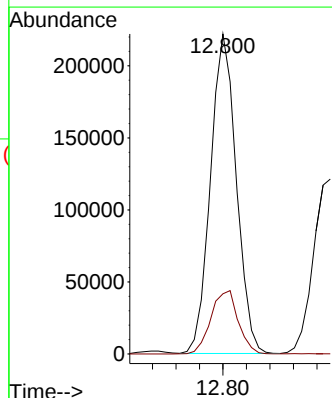
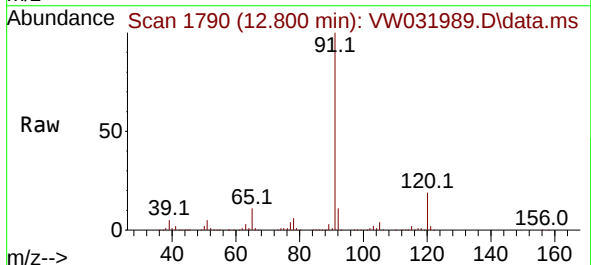
Acq: 04 Aug 2025 10:20

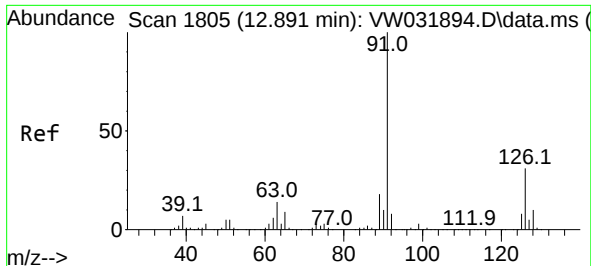
Tgt Ion: 91 Resp: 338399

Ion Ratio Lower Upper

91 100

120 20.9 10.9 32.6

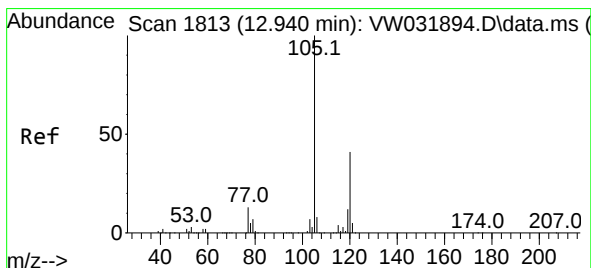
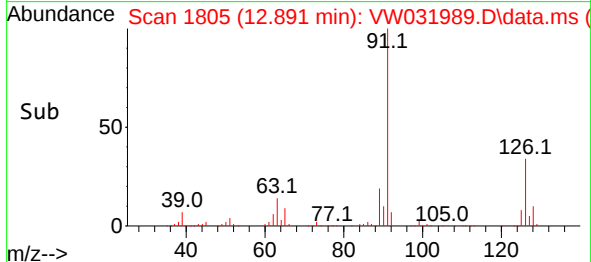
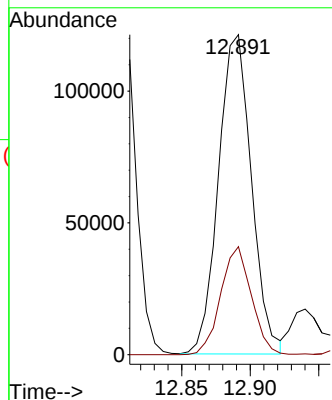
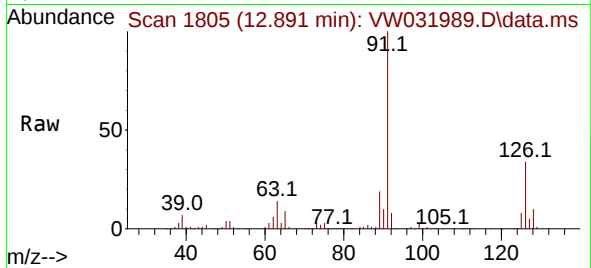




#79
2-Chlorotoluene
Concen: 18.707 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

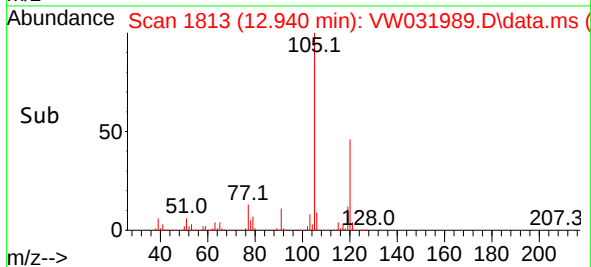
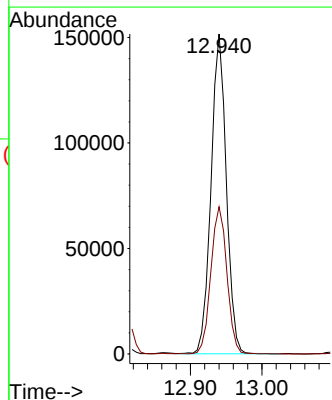
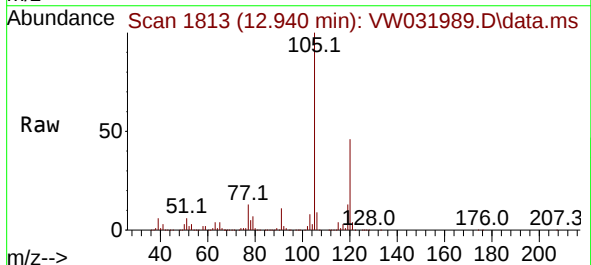
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

Tgt Ion: 91 Resp: 203033
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 18.099 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 105 Resp: 224663
Ion Ratio Lower Upper
105 100
120 48.1 23.5 70.5

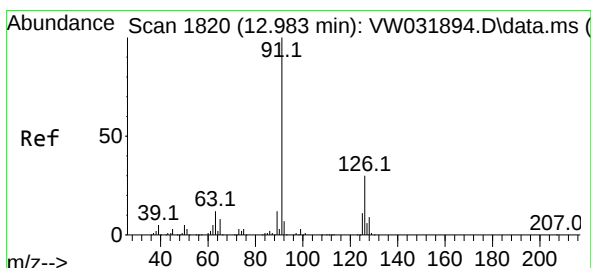
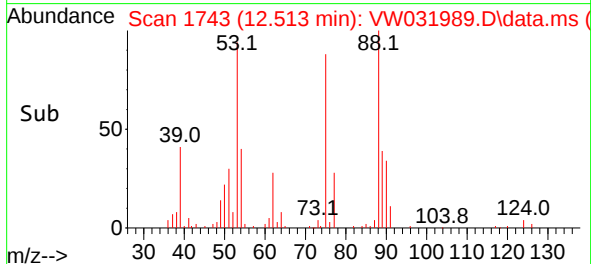
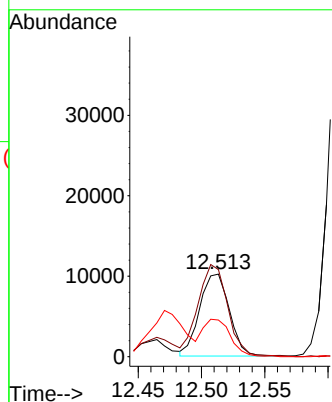
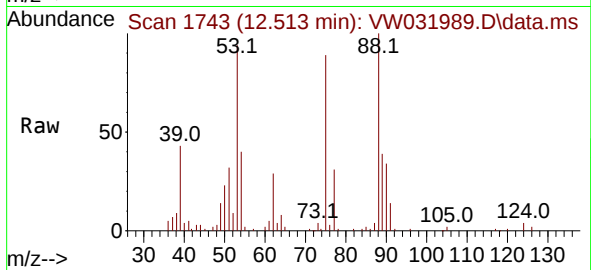




#81
trans-1,4-Dichloro-2-butene
Concen: 16.344 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

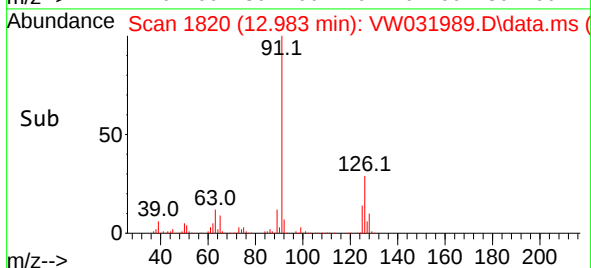
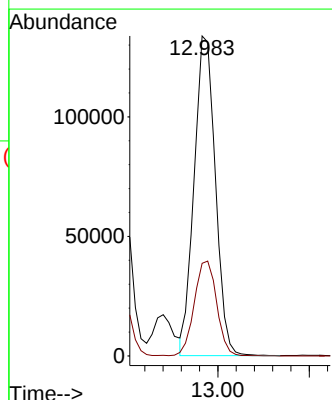
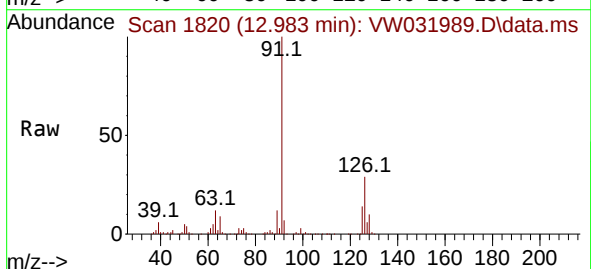
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

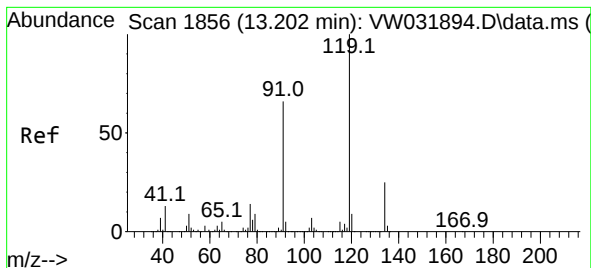
Tgt Ion: 75 Resp: 16672
Ion Ratio Lower Upper
75 100
53 113.2 83.7 125.5
89 42.7 39.0 58.6



#82
4-Chlorotoluene
Concen: 18.988 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion: 91 Resp: 216191
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.3





#83

tert-Butylbenzene

Concen: 18.810 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

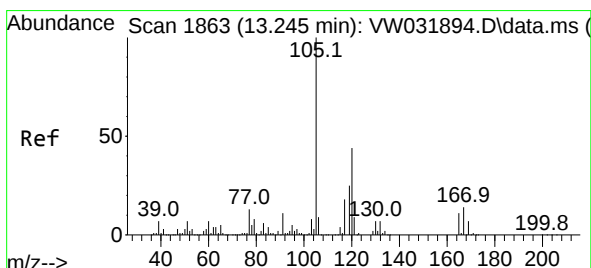
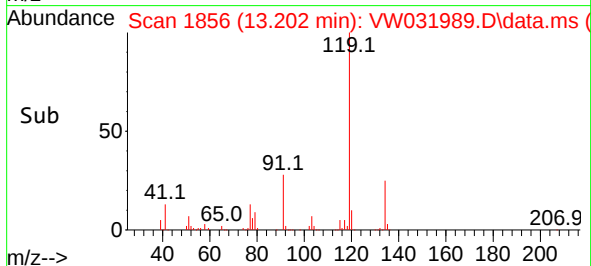
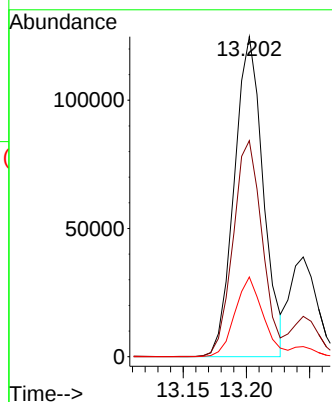
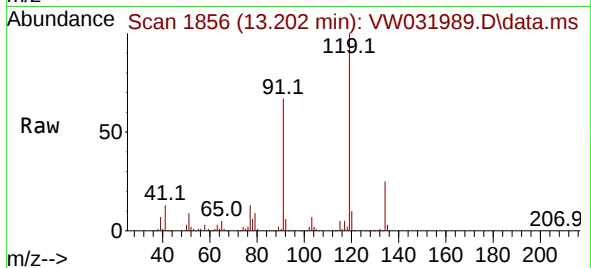
Tgt Ion:119 Resp: 198880

Ion Ratio Lower Upper

119 100

91 67.7 35.5 106.5

134 24.3 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 18.079 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031989.D

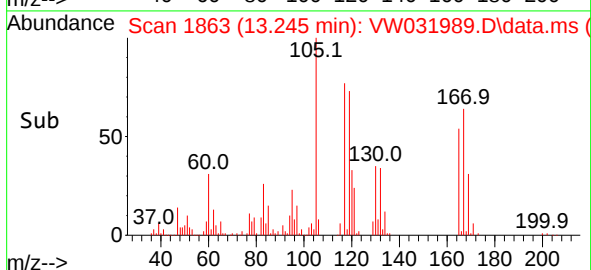
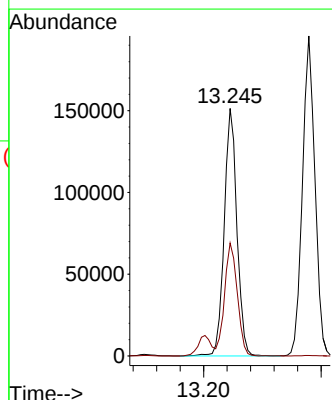
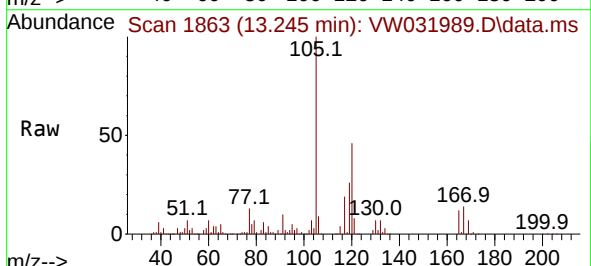
Acq: 04 Aug 2025 10:20

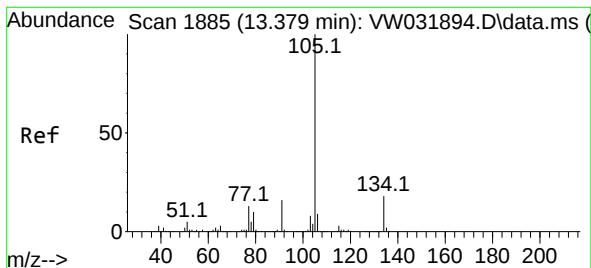
Tgt Ion:105 Resp: 227134

Ion Ratio Lower Upper

105 100

120 45.6 21.3 63.9

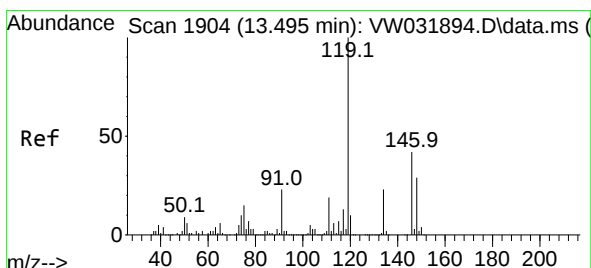
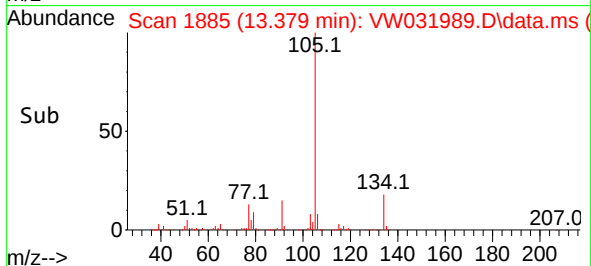
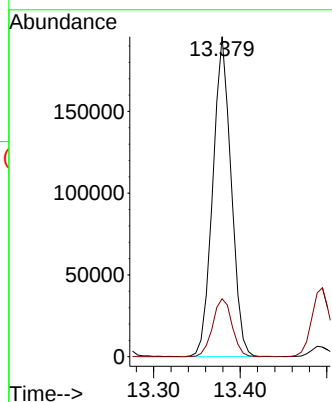
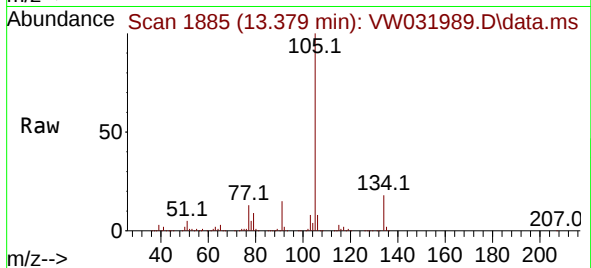




#85
sec-Butylbenzene
Concen: 18.141 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

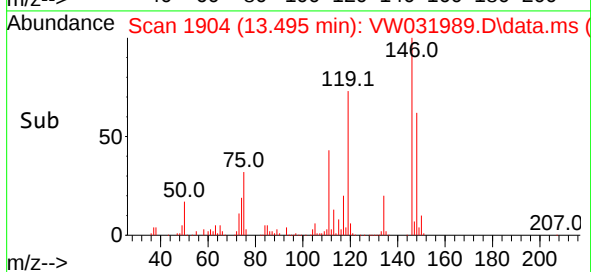
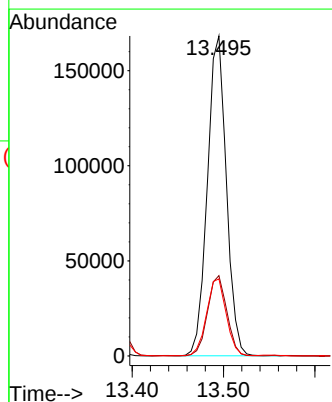
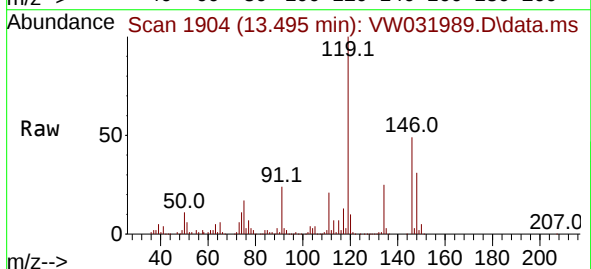
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

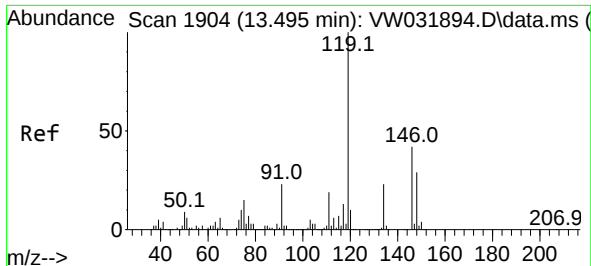
Tgt Ion:105 Resp: 288056
Ion Ratio Lower Upper
105 100
134 19.2 9.2 27.6



#86
p-Isopropyltoluene
Concen: 18.436 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion:119 Resp: 241954
Ion Ratio Lower Upper
119 100
134 25.6 13.0 39.0
91 25.0 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.264 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

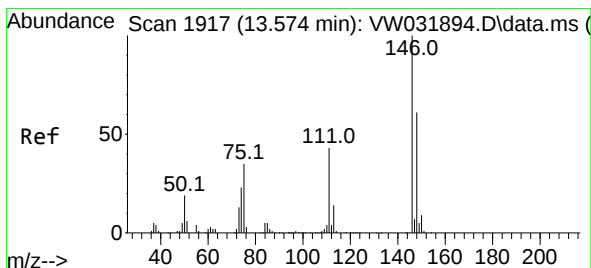
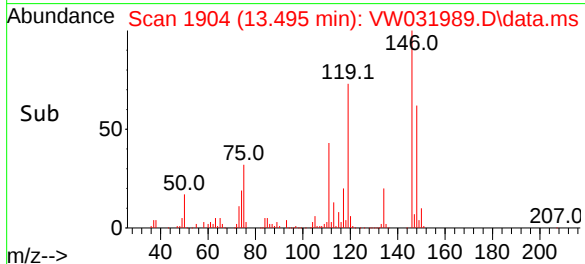
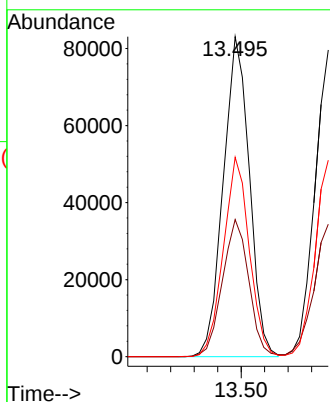
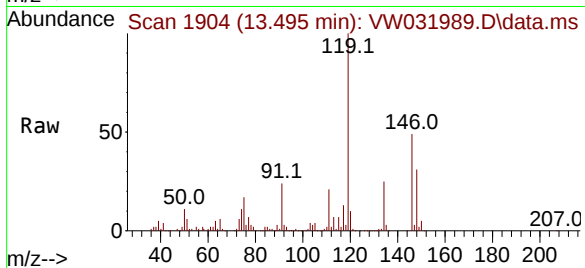
Tgt Ion:146 Resp: 128413

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.7

148 62.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.379 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

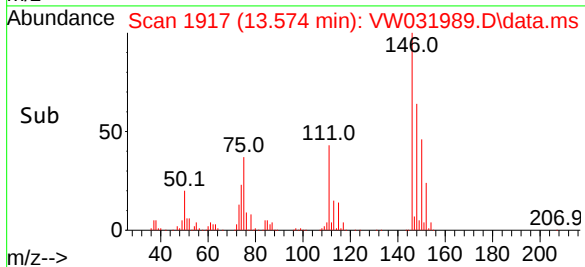
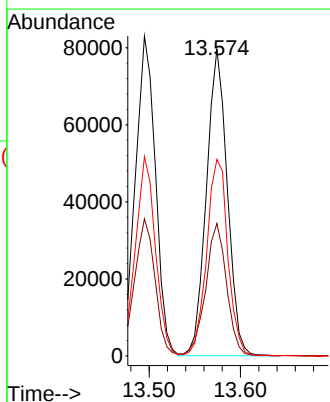
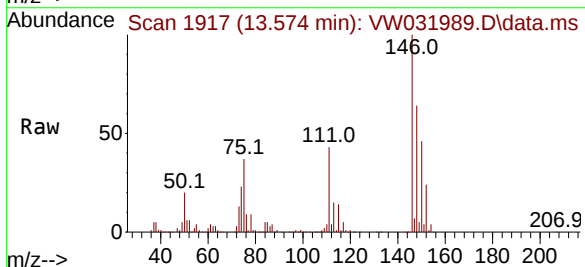
Tgt Ion:146 Resp: 126546

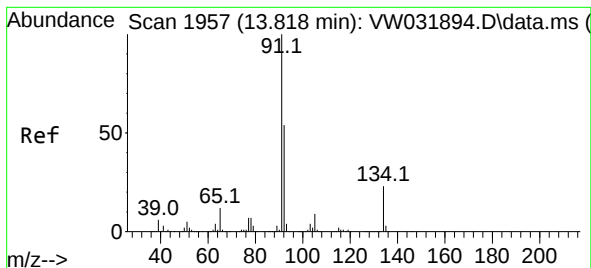
Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.3

148 65.4 31.8 95.3





#89

n-Butylbenzene

Concen: 18.177 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

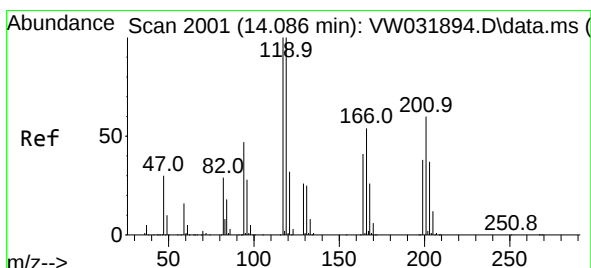
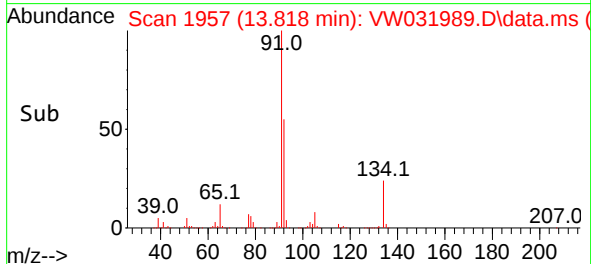
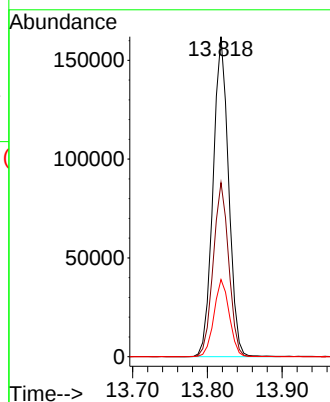
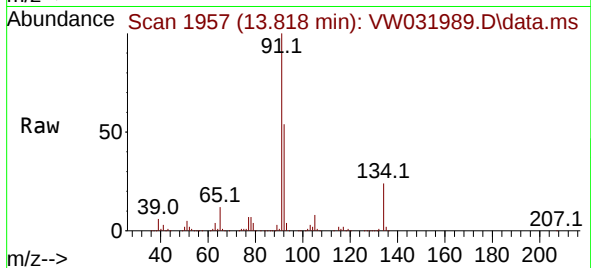
Tgt Ion: 91 Resp: 234020

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.5

134 23.8 11.6 34.7



#90

Hexachloroethane

Concen: 18.736 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031989.D

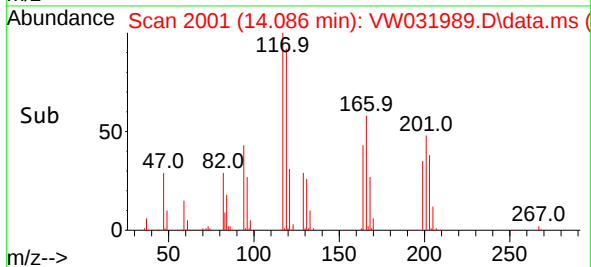
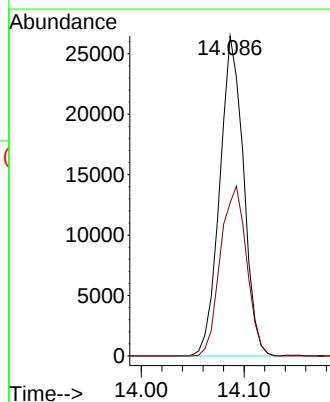
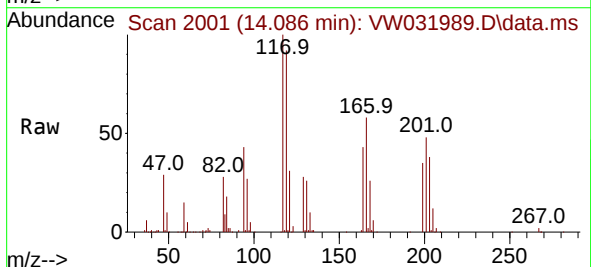
Acq: 04 Aug 2025 10:20

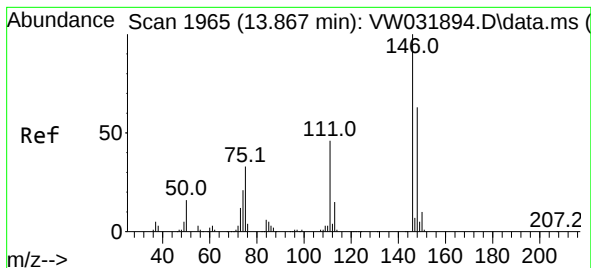
Tgt Ion: 117 Resp: 42519

Ion Ratio Lower Upper

117 100

201 58.5 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 19.754 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

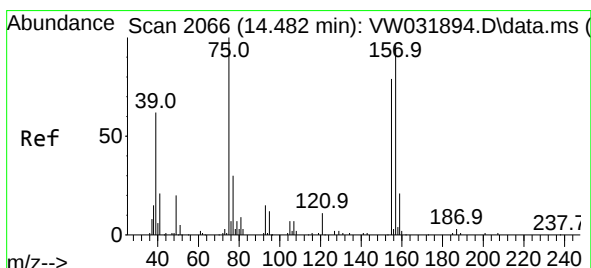
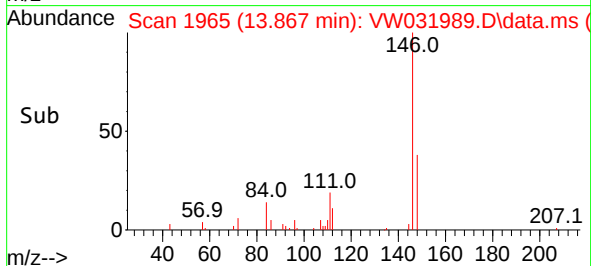
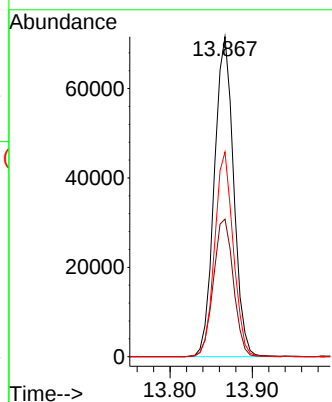
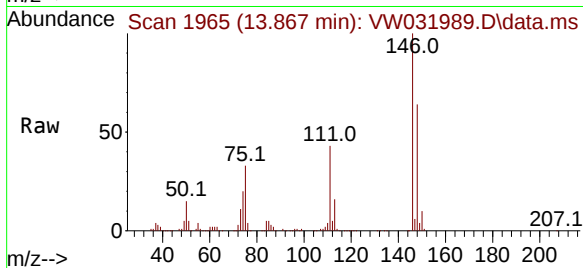
Tgt Ion:146 Resp: 116699

Ion Ratio Lower Upper

146 100

111 44.5 23.6 71.0

148 61.6 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.291 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

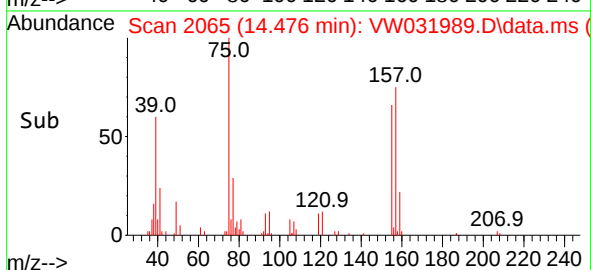
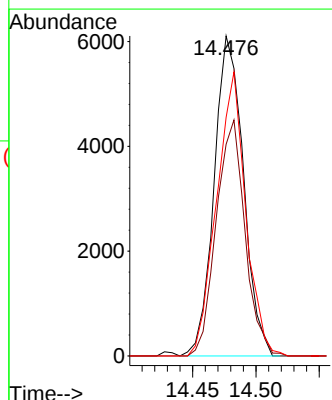
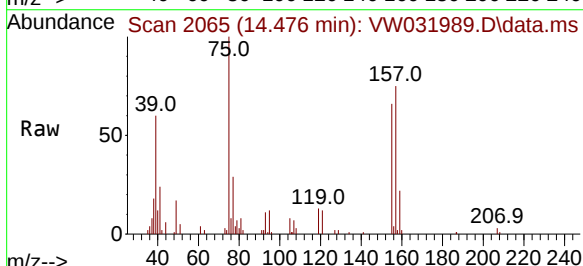
Tgt Ion: 75 Resp: 9814

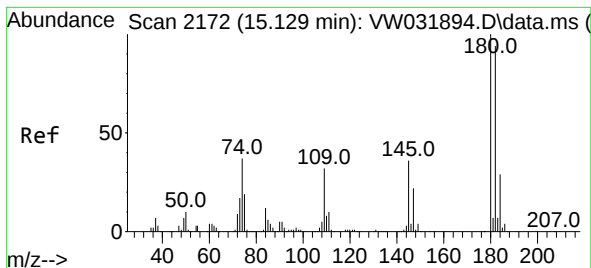
Ion Ratio Lower Upper

75 100

155 72.6 35.9 107.7

157 88.1 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 19.753 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

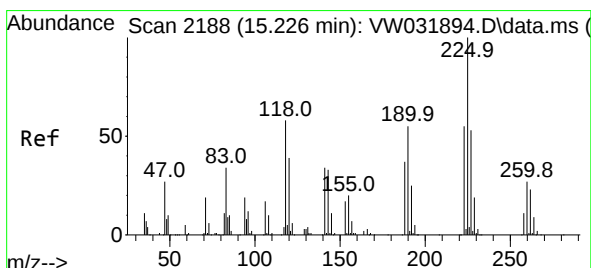
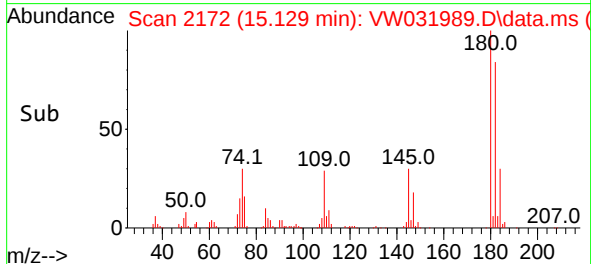
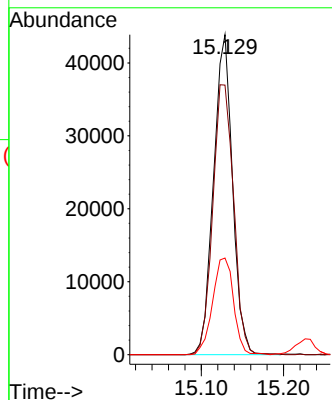
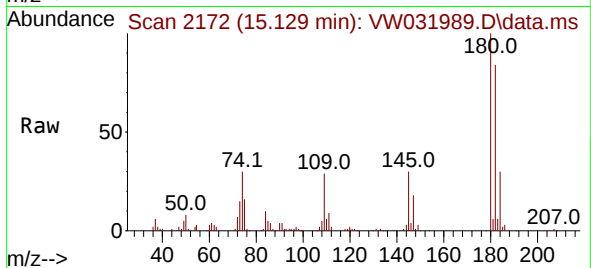
Tgt Ion:180 Resp: 70374

Ion Ratio Lower Upper

180 100

182 92.7 51.0 153.1

145 33.3 18.4 55.4



#94

Hexachlorobutadiene

Concen: 17.967 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031989.D

Acq: 04 Aug 2025 10:20

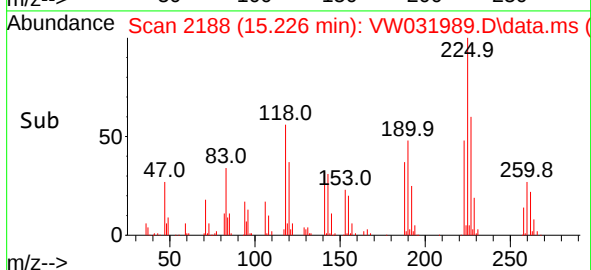
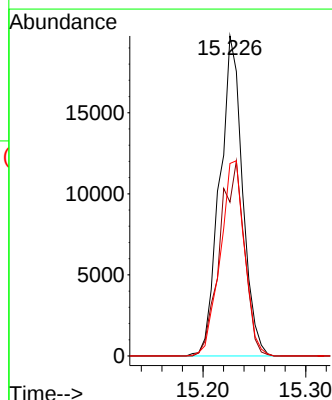
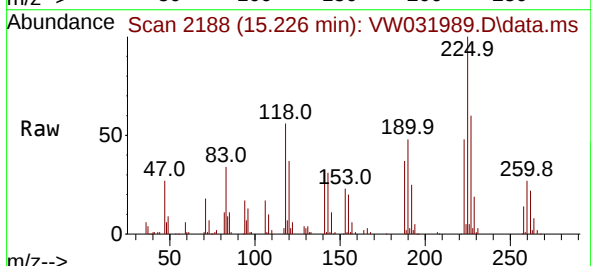
Tgt Ion:225 Resp: 30332

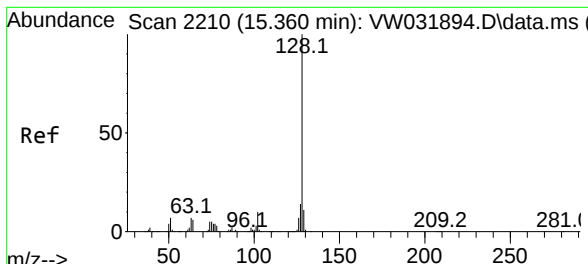
Ion Ratio Lower Upper

225 100

223 65.4 30.9 92.7

227 65.0 30.0 90.1

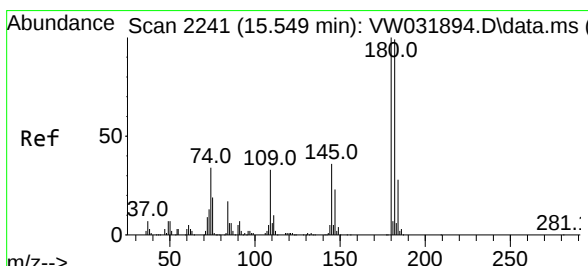
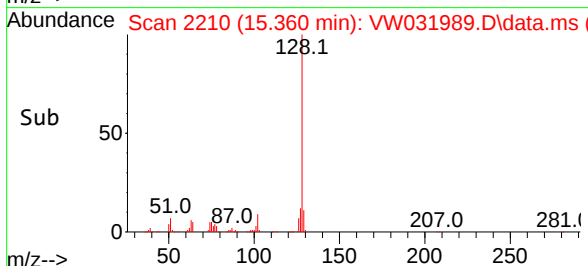
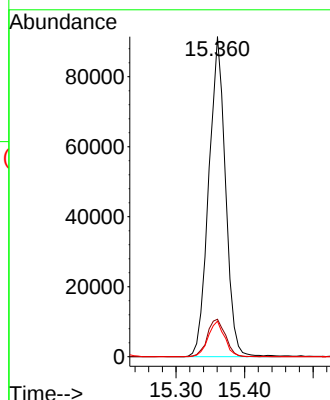
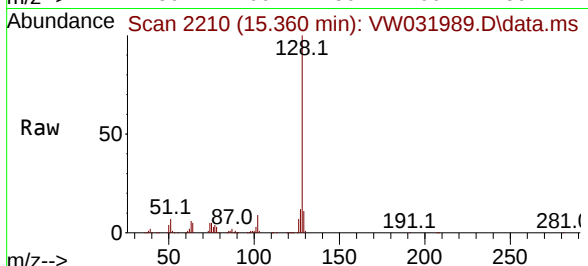




#95
Naphthalene
Concen: 17.749 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

Tgt Ion:128 Resp: 155462
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.0 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 18.855 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031989.D
Acq: 04 Aug 2025 10:20

Tgt Ion:180 Resp: 60864
Ion Ratio Lower Upper
180 100
182 93.8 50.4 151.2
145 37.8 18.6 55.8

