

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031958.D
 Acq On : 30 Jul 2025 13:09
 Operator : SY/MD
 Sample : VW0730SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS01

Quant Time: Jul 31 02:30:40 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	7.953	168	236379	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	428572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	390660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168213	47.042	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	94.080%
35) Dibromofluoromethane	7.898	113	138075	47.413	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.820%
50) Toluene-d8	10.324	98	532549	48.318	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.617	95	200128	47.287	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.045	85	29990	17.071	ug/l	99
3) Chloromethane	2.253	50	40661	18.032	ug/l	98
4) Vinyl Chloride	2.405	62	50728	17.318	ug/l	95
5) Bromomethane	2.820	94	38682	17.934	ug/l	99
6) Chloroethane	2.972	64	35075	18.143	ug/l	99
7) Trichlorofluoromethane	3.307	101	42305	14.260	ug/l	100
8) Diethyl Ether	3.716	74	35448	17.887	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	53834	18.865	ug/l	99
10) Methyl Iodide	4.307	142	76764	17.992	ug/l	99
11) Tert butyl alcohol	5.216	59	22493	107.012	ug/l	100
12) 1,1-Dichloroethene	4.069	96	57780	18.332	ug/l	93
13) Acrolein	3.929	56	18612	55.999	ug/l	95
14) Allyl chloride	4.697	41	85942	17.516	ug/l	98
15) Acrylonitrile	5.398	53	86799	97.966	ug/l	98
16) Acetone	4.155	43	111667	131.601	ug/l	99
17) Carbon Disulfide	4.423	76	138053	16.888	ug/l	97
18) Methyl Acetate	4.703	43	47694	20.402	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	103482	19.002	ug/l	93
20) Methylene Chloride	4.953	84	66769	15.154	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	62234	18.610	ug/l	98
22) Diisopropyl ether	6.337	45	180657	18.400	ug/l	96
23) Vinyl Acetate	6.276	43	597803	93.198	ug/l	98
24) 1,1-Dichloroethane	6.246	63	114343	18.705	ug/l	99
25) 2-Butanone	7.191	43	133957	115.384	ug/l	98
26) 2,2-Dichloropropane	7.179	77	59349	17.149	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	73401	18.670	ug/l	100
28) Bromochloromethane	7.526	49	46854	18.307	ug/l	98
29) Tetrahydrofuran	7.551	42	74861	98.351	ug/l	100
30) Chloroform	7.691	83	121938	19.025	ug/l	96
31) Cyclohexane	7.965	56	98009	17.871	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	89247	18.299	ug/l	97
36) 1,1-Dichloropropene	8.093	75	84391	18.870	ug/l	99
37) Ethyl Acetate	7.270	43	50154	19.658	ug/l	99
38) Carbon Tetrachloride	8.081	117	82019	19.109	ug/l	97
39) Methylcyclohexane	9.337	83	104699	18.602	ug/l	98
40) Benzene	8.337	78	253610	19.156	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	28189	18.458	ug/l	91
42) 1,2-Dichloroethane	8.410	62	82848	19.553	ug/l	99
43) Isopropyl Acetate	8.435	43	88867	19.241	ug/l	99
44) Trichloroethene	9.099	130	59871	19.026	ug/l	98
45) 1,2-Dichloropropane	9.373	63	62038	19.457	ug/l	98
46) Dibromomethane	9.465	93	38111	19.282	ug/l	97
47) Bromodichloromethane	9.648	83	92062	19.425	ug/l	98
48) Methyl methacrylate	9.440	41	42475	19.330	ug/l	99
49) 1,4-Dioxane	9.465	88	9919	502.949	ug/l #	86
51) 4-Methyl-2-Pentanone	10.209	43	257957	102.054	ug/l	100
52) Toluene	10.391	92	162904	19.141	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	83662	18.402	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	99944	19.250	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	52517	20.004	ug/l	95
56) Ethyl methacrylate	10.648	69	71620	19.316	ug/l	99
57) 1,3-Dichloropropane	10.934	76	91292	19.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	180471	94.758	ug/l	100
59) 2-Hexanone	10.971	43	189611	107.919	ug/l	99
60) Dibromochloromethane	11.129	129	60128	19.643	ug/l	98
61) 1,2-Dibromoethane	11.239	107	51091	19.694	ug/l	98
64) Tetrachloroethene	10.861	164	49418	19.186	ug/l	90
65) Chlorobenzene	11.660	112	174399	18.240	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	54467	18.376	ug/l	99
67) Ethyl Benzene	11.727	91	314369	18.714	ug/l	99
68) m/p-Xylenes	11.836	106	240324	38.001	ug/l	97
69) o-Xylene	12.166	106	114142	19.072	ug/l	98
70) Styrene	12.178	104	192254	18.867	ug/l	99
71) Bromoform	12.348	173	31169	19.228	ug/l #	96
73) Isopropylbenzene	12.464	105	292308	18.497	ug/l	99
74) N-amyl acetate	12.269	43	80828	18.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	65746	19.600	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	81587	32.445	ug/l #	100
77) Bromobenzene	12.745	156	66800	19.537	ug/l	93
78) n-propylbenzene	12.800	91	363268	18.717	ug/l	100
79) 2-Chlorotoluene	12.891	91	220291	19.010	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	246611	18.607	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	19356	17.771	ug/l	92
82) 4-Chlorotoluene	12.989	91	229751	18.899	ug/l	98
83) tert-Butylbenzene	13.202	119	209790	18.583	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	249154	18.573	ug/l	99
85) sec-Butylbenzene	13.379	105	305019	17.991	ug/l	98
86) p-Isopropyltoluene	13.495	119	255879	18.260	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	128472	18.050	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	134474	19.287	ug/l	99
89) n-Butylbenzene	13.818	91	248148	18.051	ug/l	99
90) Hexachloroethane	14.086	117	43547	17.971	ug/l	100
91) 1,2-Dichlorobenzene	13.866	146	119030	18.870	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11445	18.886	ug/l	96
93) 1,2,4-Trichlorobenzene	15.128	180	72130	18.961	ug/l	94
94) Hexachlorobutadiene	15.232	225	30415	16.873	ug/l	94
95) Naphthalene	15.360	128	178354	19.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	63995	18.567	ug/l	95

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VW0730SBSD01

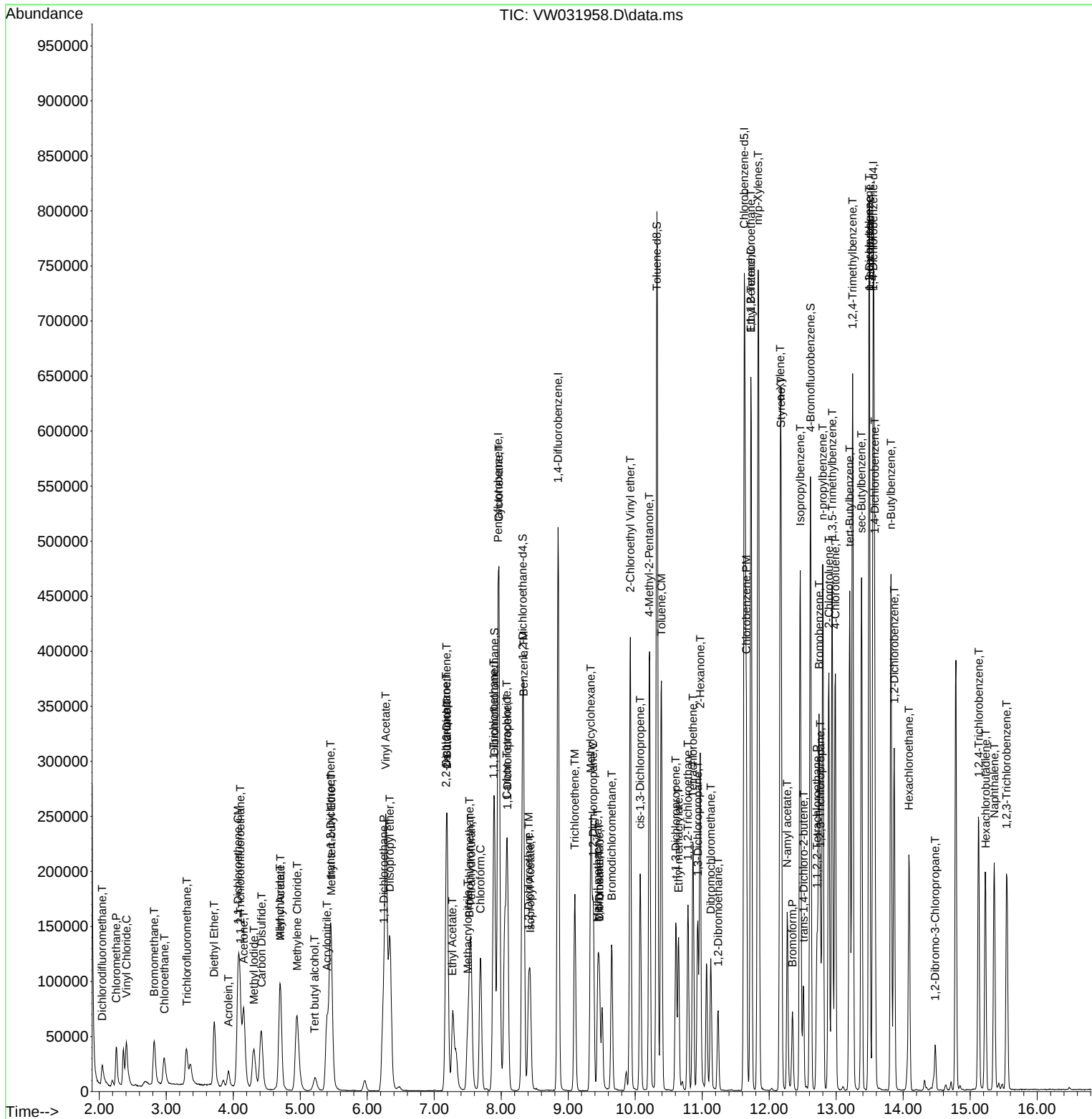
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Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
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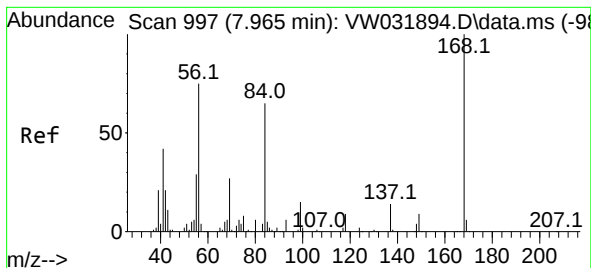
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

Quant Time: Jul 31 02:30:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.953 min Scan# 99

Delta R.T. -0.012 min

Lab File: VW031958.D

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Instrument :

MSVOA_W

ClientSampleId :

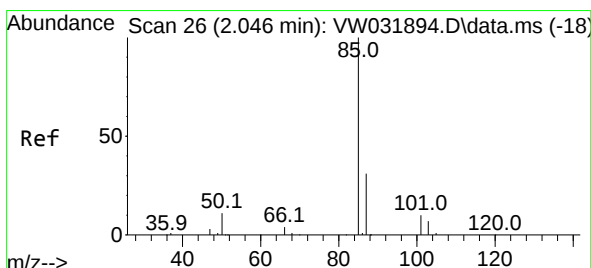
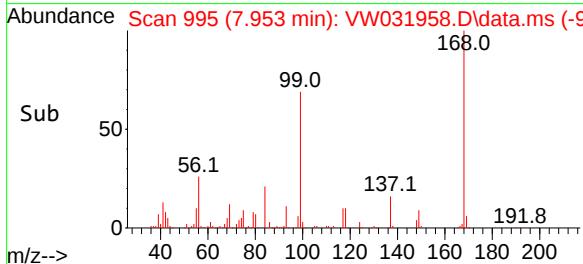
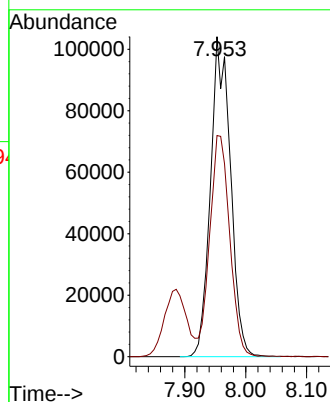
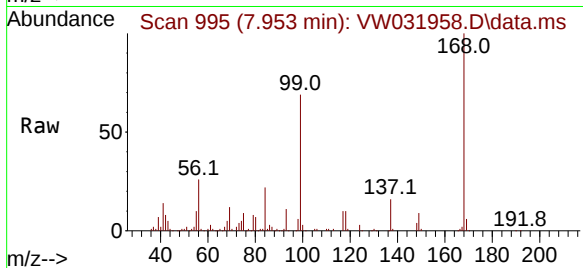
VW0730SBS01

Tgt Ion:168 Resp: 236379

Ion Ratio Lower Upper

168 100

99 69.0 48.2 72.2



#2

Dichlorodifluoromethane

Concen: 17.071 ug/l

RT: 2.045 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW031958.D

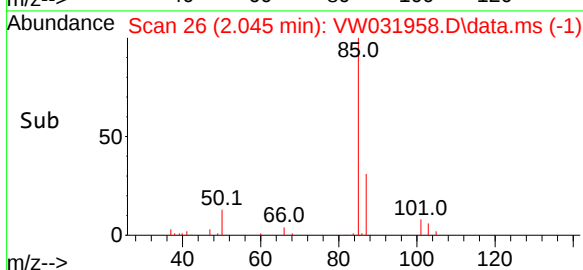
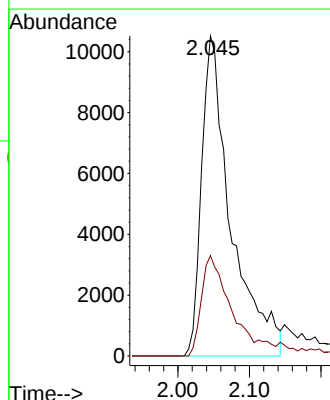
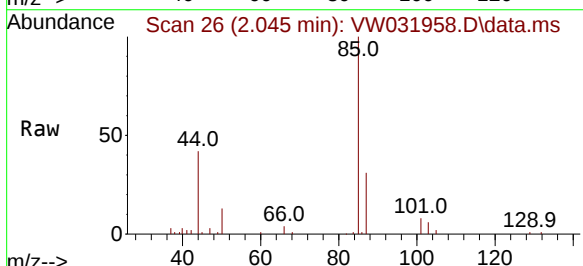
Acq: 30 Jul 2025 13:09

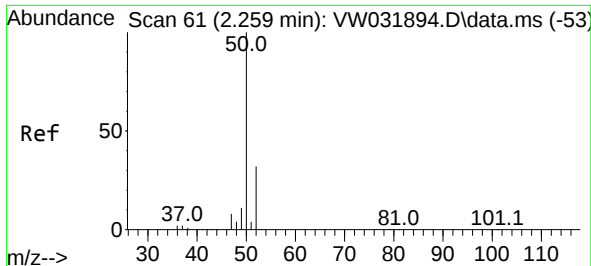
Tgt Ion: 85 Resp: 29990

Ion Ratio Lower Upper

85 100

87 31.3 15.5 46.5

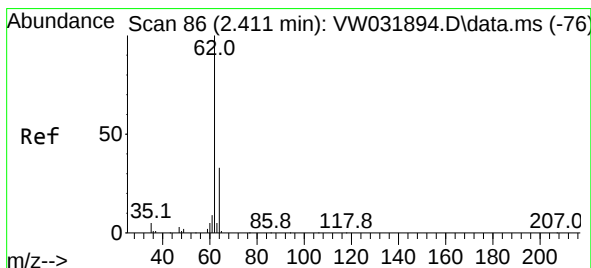
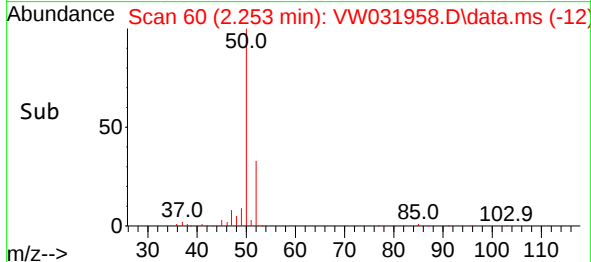
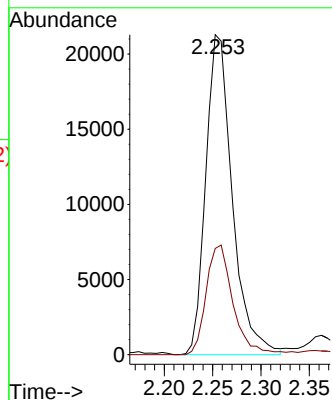
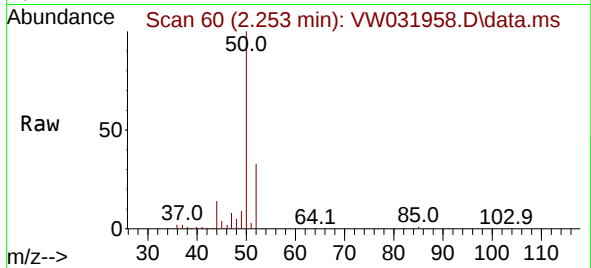




#3
Chloromethane
Concen: 18.032 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

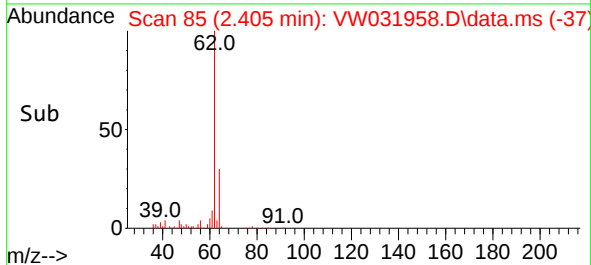
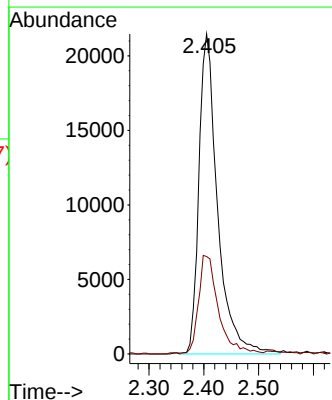
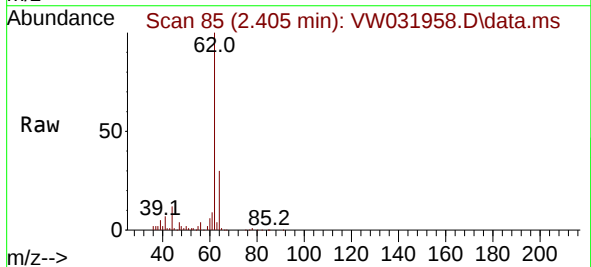
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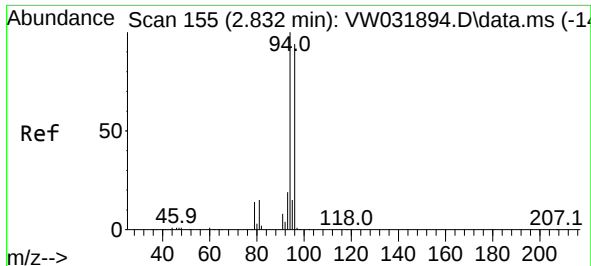
Tgt Ion: 50 Resp: 40661
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5



#4
Vinyl Chloride
Concen: 17.318 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 62 Resp: 50728
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2

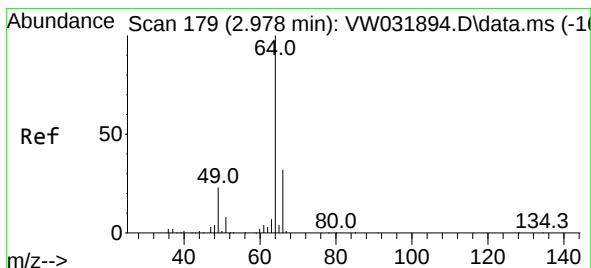
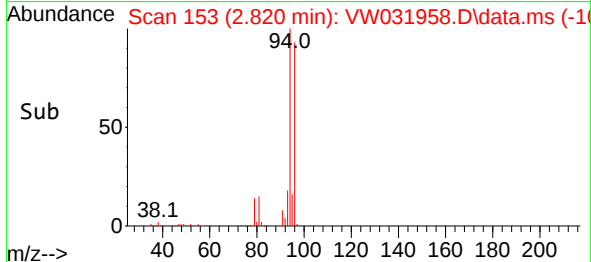
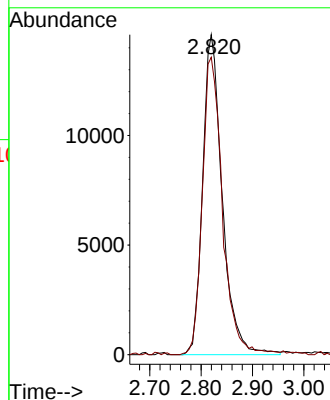
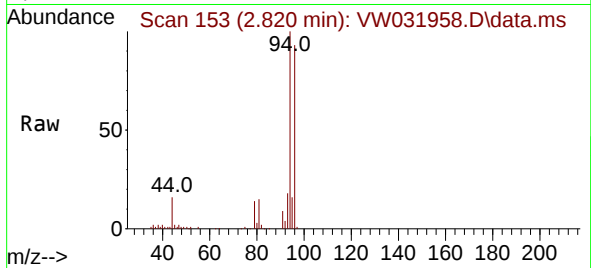




#5
Bromomethane
Concen: 17.934 ug/l
RT: 2.820 min Scan# 153
Delta R.T. -0.012 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

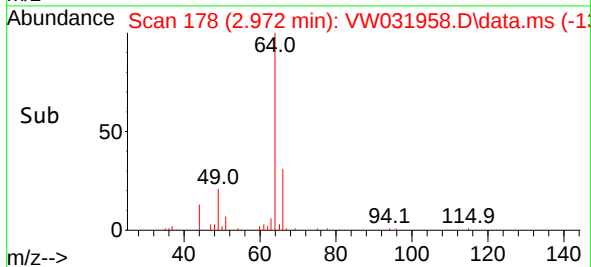
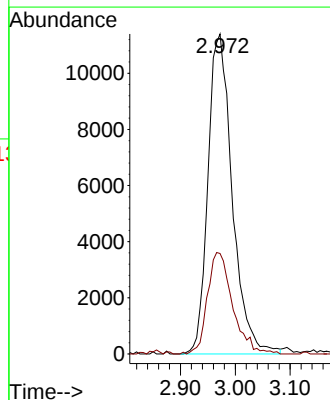
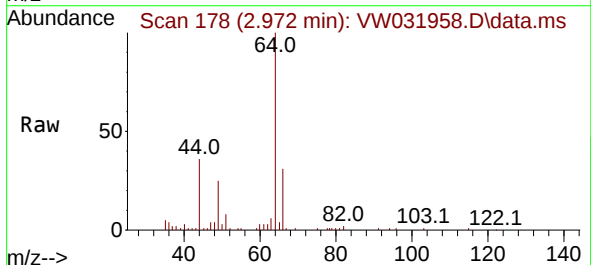
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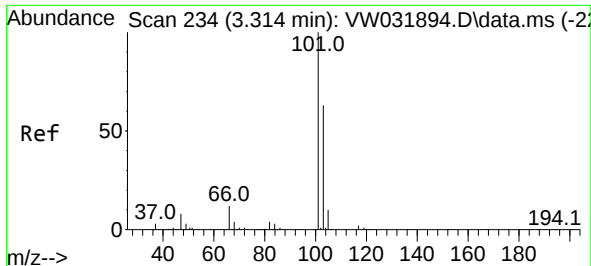
Tgt Ion: 94 Resp: 38682
Ion Ratio Lower Upper
94 100
96 92.9 75.0 112.6



#6
Chloroethane
Concen: 18.143 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 64 Resp: 35075
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4

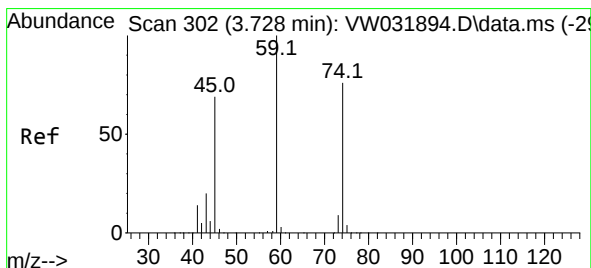
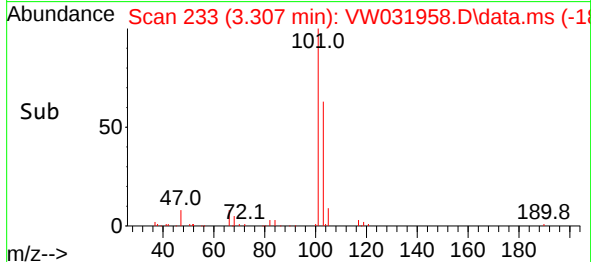
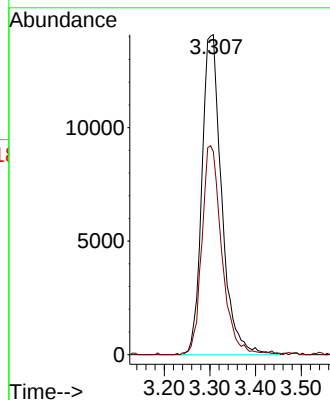
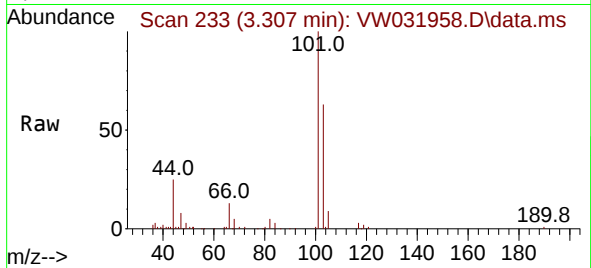




#7
 Trichlorofluoromethane
 Concen: 14.260 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031958.D
 Acq: 30 Jul 2025 13:09

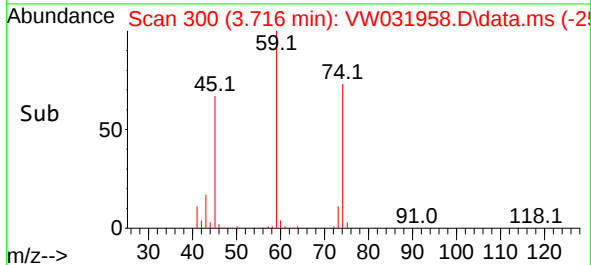
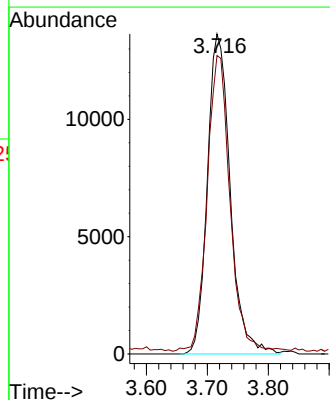
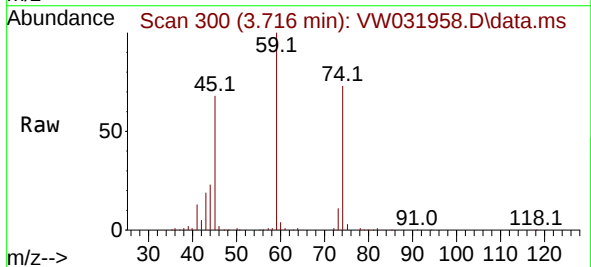
Instrument :
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 ClientSampleId :
 VW0730SBSD01

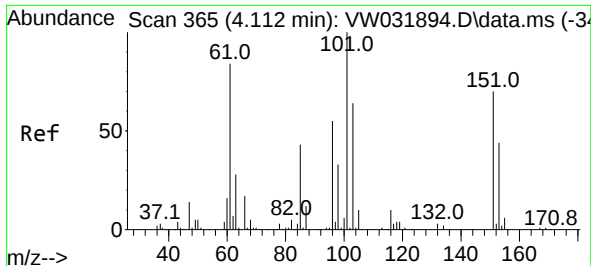
Tgt Ion:101 Resp: 42305
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 17.887 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
 Lab File: VW031958.D
 Acq: 30 Jul 2025 13:09

Tgt Ion: 74 Resp: 35448
 Ion Ratio Lower Upper
 74 100
 45 92.4 45.5 136.5

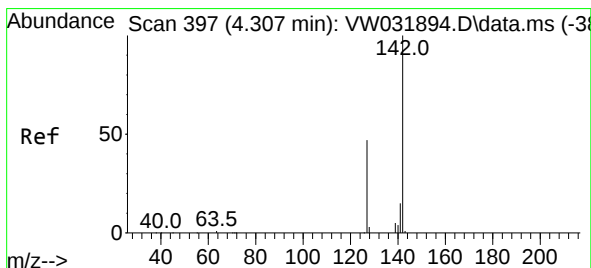
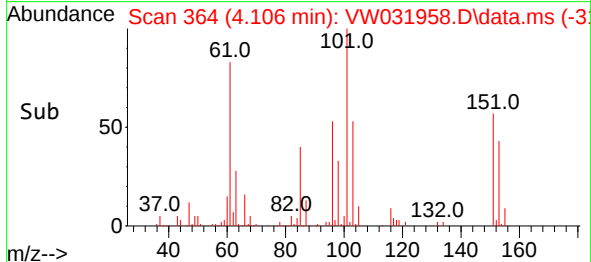
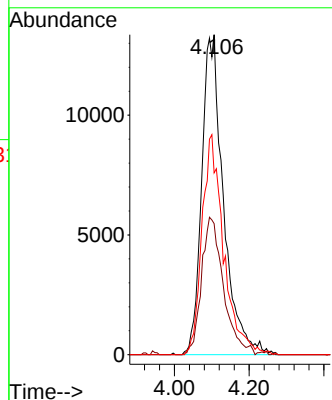
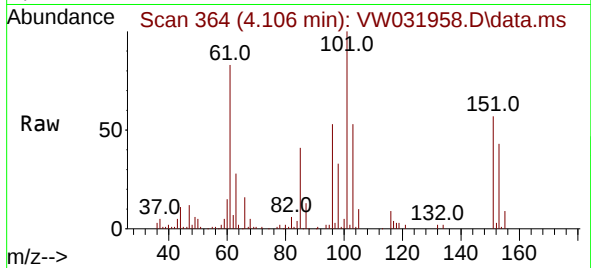




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.865 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

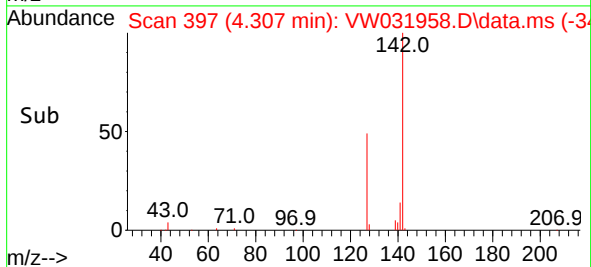
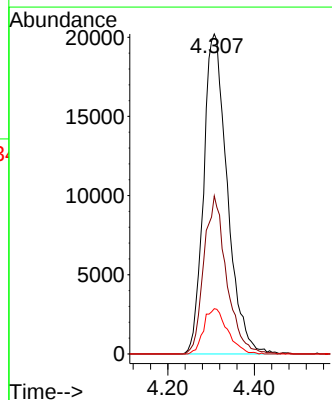
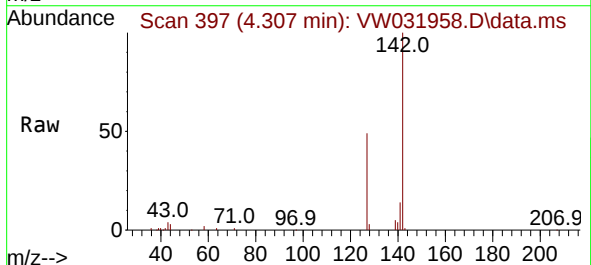
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

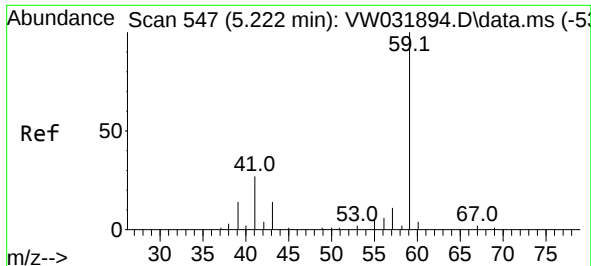
Tgt Ion:101 Resp: 53834
Ion Ratio Lower Upper
101 100
85 43.5 35.5 53.3
151 68.6 54.6 81.8



#10
Methyl Iodide
Concen: 17.992 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:142 Resp: 76764
Ion Ratio Lower Upper
142 100
127 47.4 37.4 56.2
141 14.3 11.9 17.9

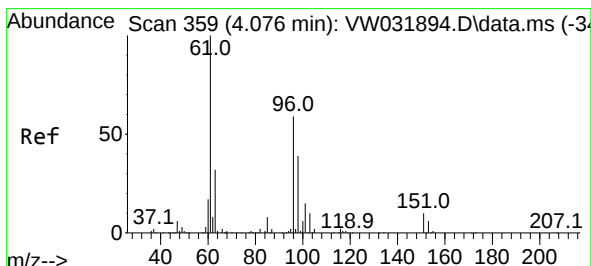
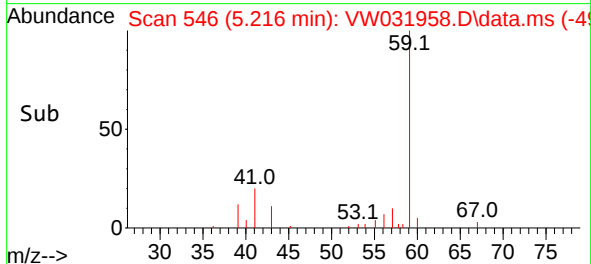
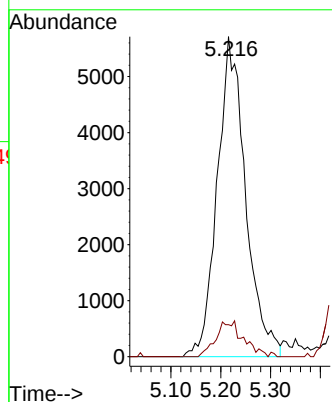
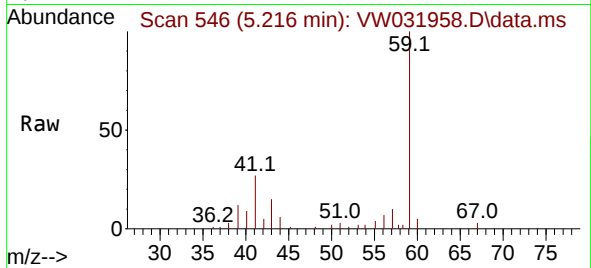




#11
Tert butyl alcohol
Concen: 107.012 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

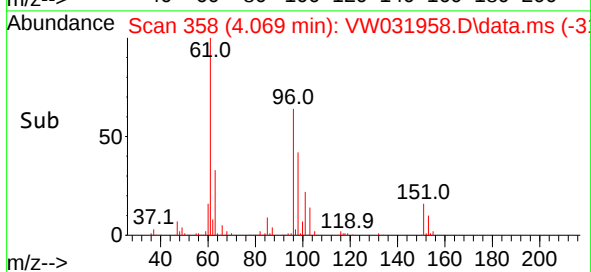
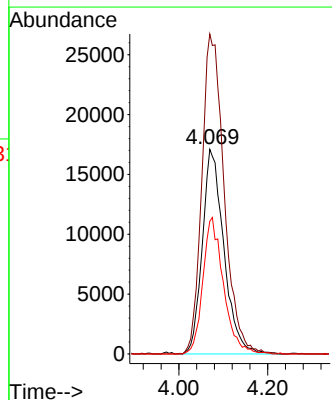
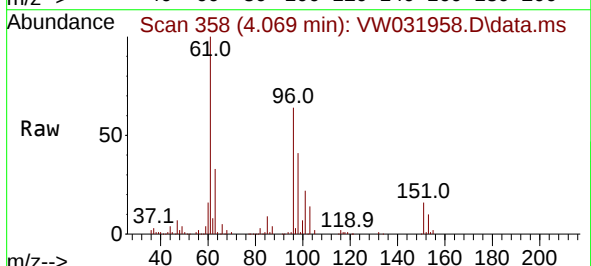
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

Tgt Ion: 59 Resp: 22493
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.332 ug/l
RT: 4.069 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 96 Resp: 57780
Ion Ratio Lower Upper
96 100
61 156.3 135.0 202.6
98 64.8 52.3 78.5

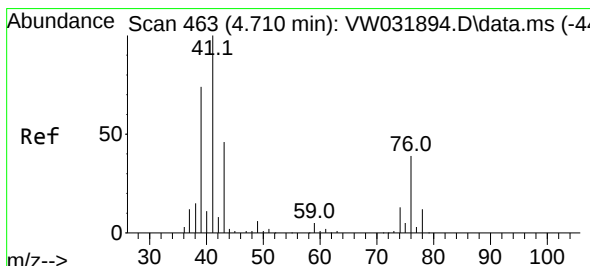
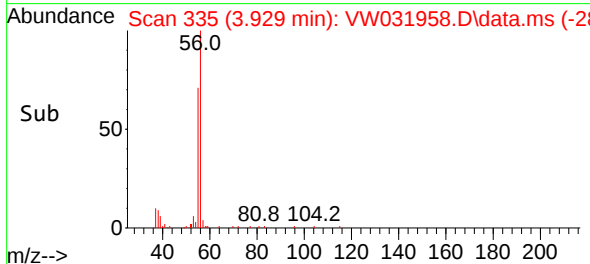
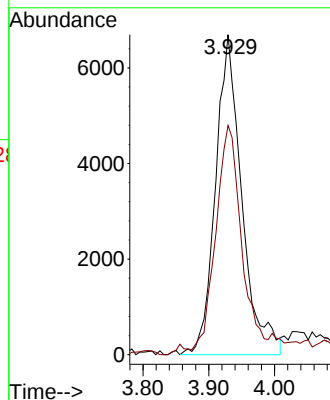
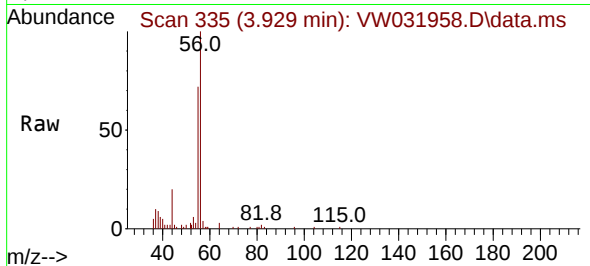




#13
Acrolein
Concen: 55.999 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

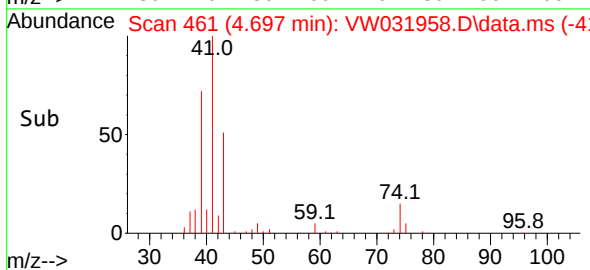
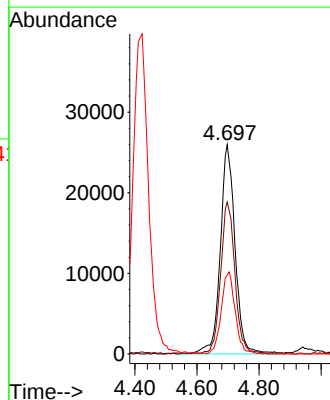
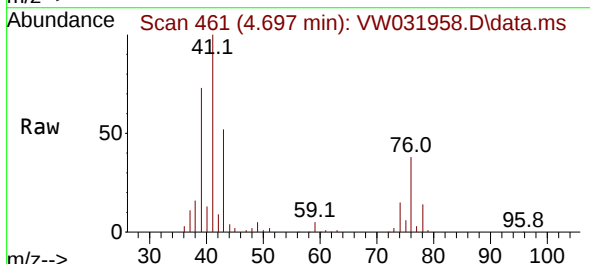
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

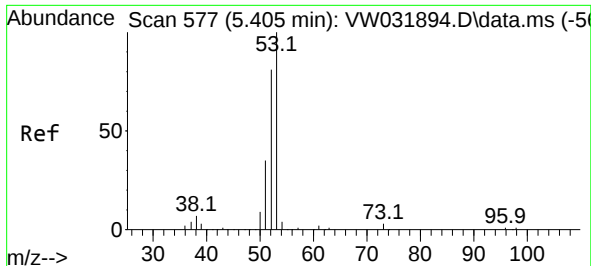
Tgt Ion: 56 Resp: 18612
Ion Ratio Lower Upper
56 100
55 67.0 56.7 85.1



#14
Allyl chloride
Concen: 17.516 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 41 Resp: 85942
Ion Ratio Lower Upper
41 100
39 69.0 56.6 85.0
76 36.9 30.1 45.1

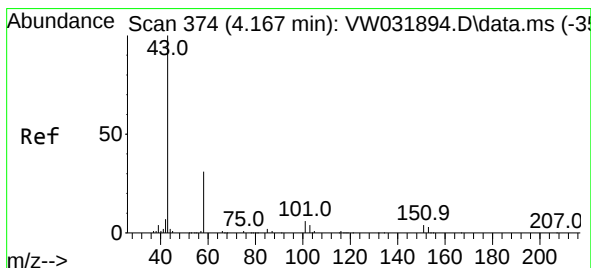
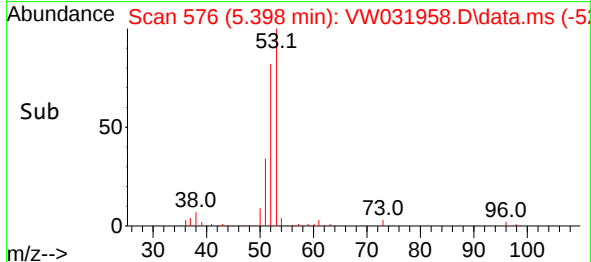
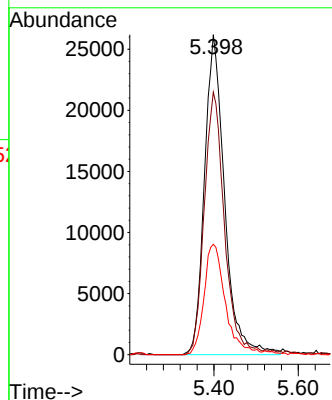
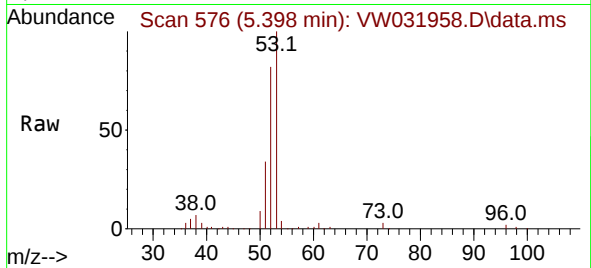




#15
Acrylonitrile
Concen: 97.966 ug/l
RT: 5.398 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

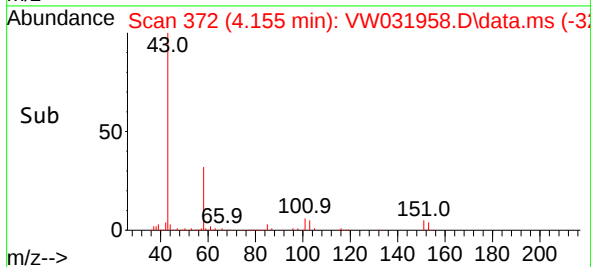
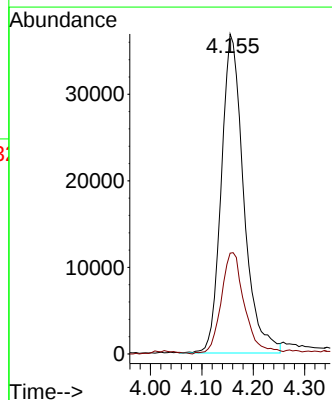
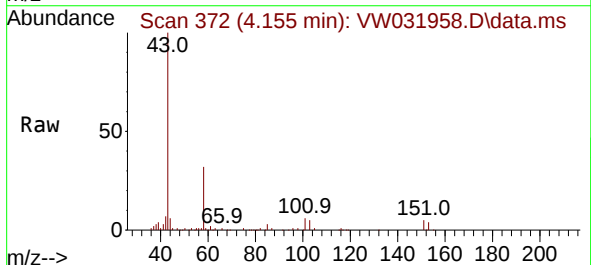
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

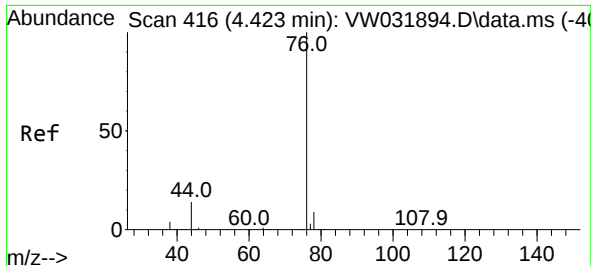
Tgt Ion: 53	Resp: 86799
Ion Ratio	Lower Upper
53 100	
52 82.1	67.0 100.4
51 36.6	29.9 44.9



#16
Acetone
Concen: 131.601 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 43	Resp: 111667
Ion Ratio	Lower Upper
43 100	
58 31.1	25.5 38.3

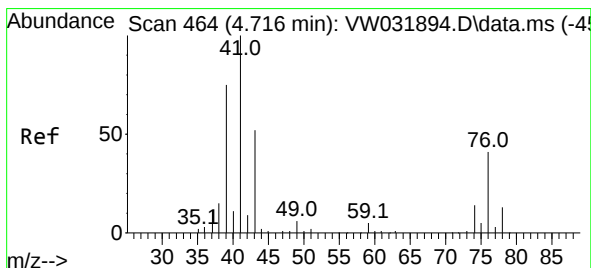
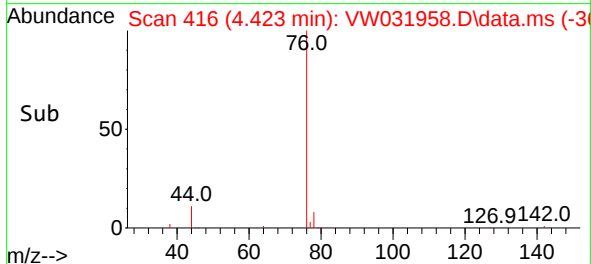
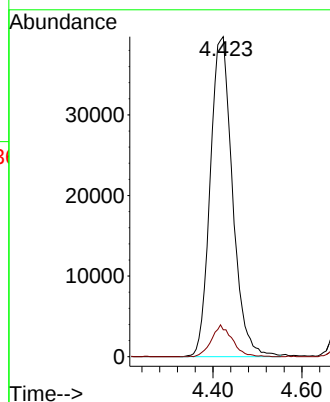
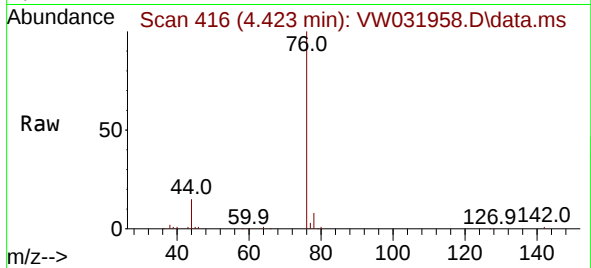




#17
Carbon Disulfide
Concen: 16.888 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

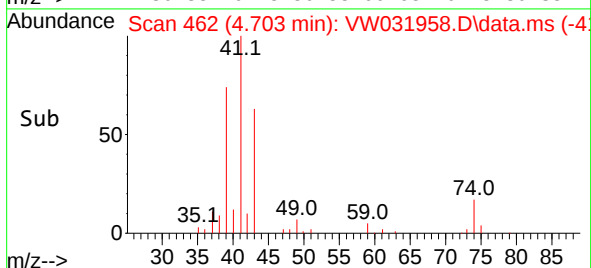
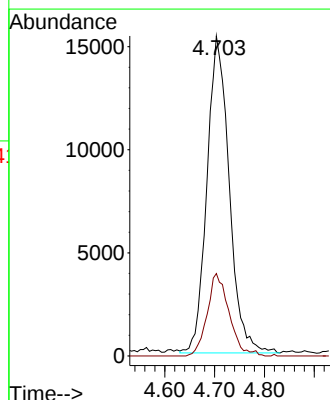
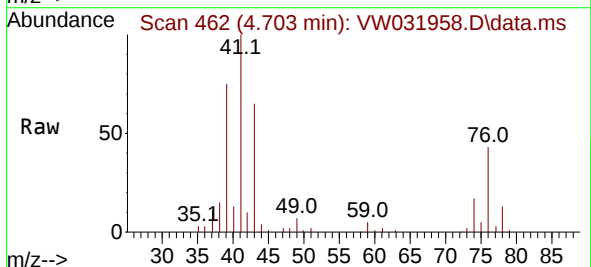
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

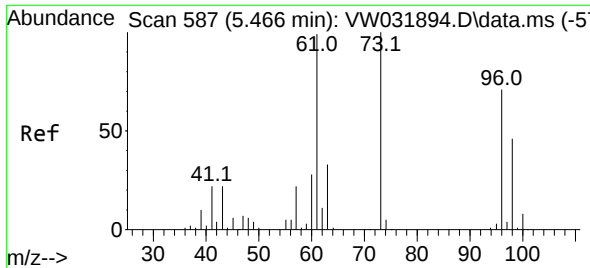
Tgt Ion: 76 Resp: 138053
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 20.402 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 43 Resp: 47694
Ion Ratio Lower Upper
43 100
74 25.5 20.6 31.0

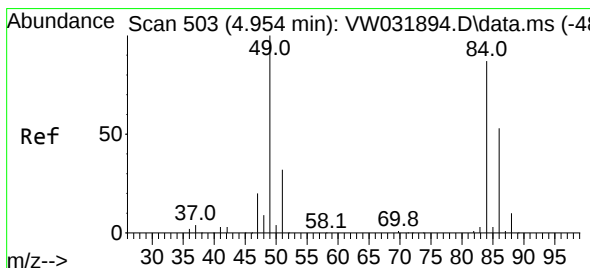
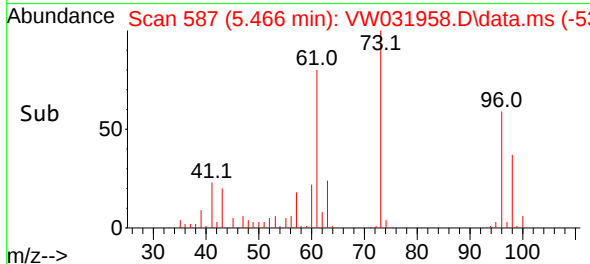
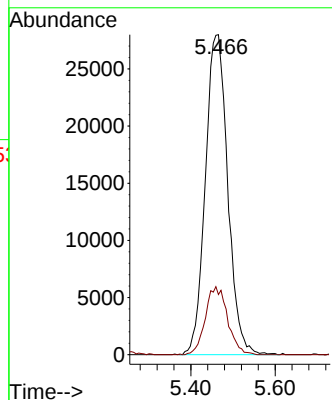
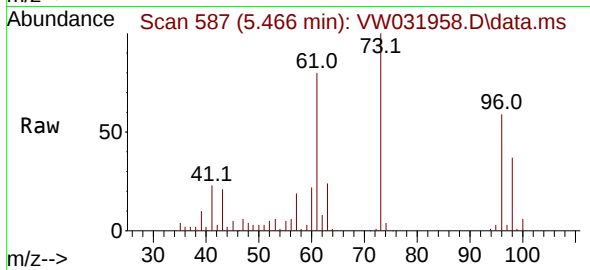




#19
Methyl tert-butyl Ether
Concen: 19.002 ug/l
RT: 5.466 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

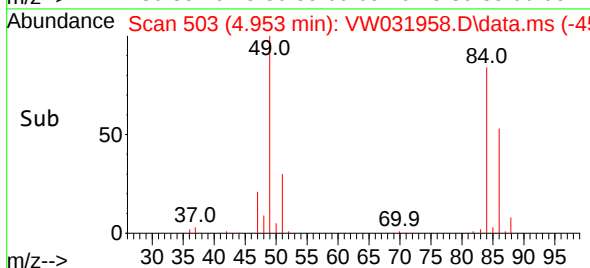
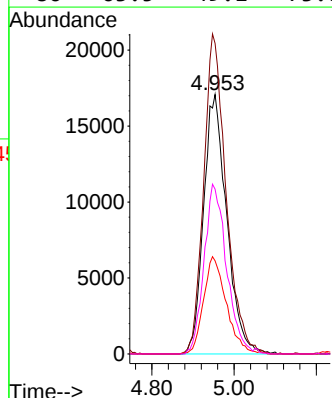
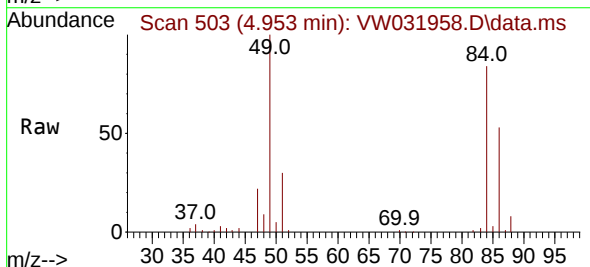
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

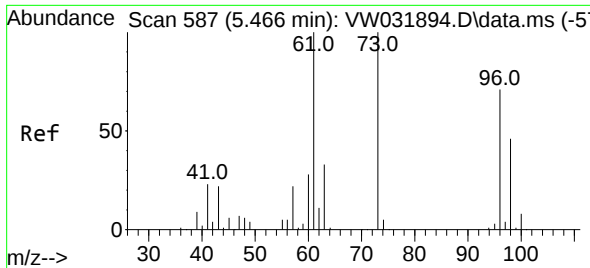
Tgt Ion: 73 Resp: 103482
Ion Ratio Lower Upper
73 100
57 18.8 17.5 26.3



#20
Methylene Chloride
Concen: 15.154 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.001 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 84 Resp: 66769
Ion Ratio Lower Upper
84 100
49 119.7 91.9 137.9
51 35.9 29.0 43.6
86 63.5 49.1 73.7

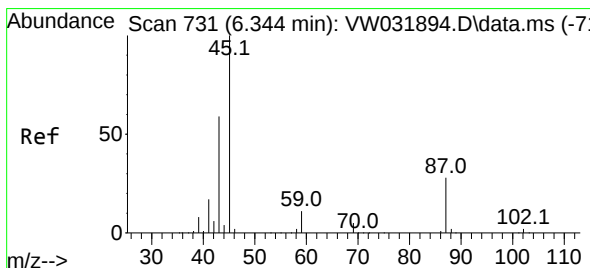
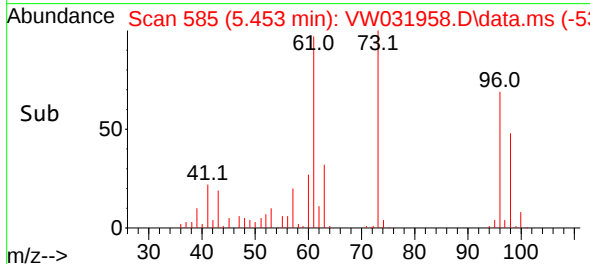
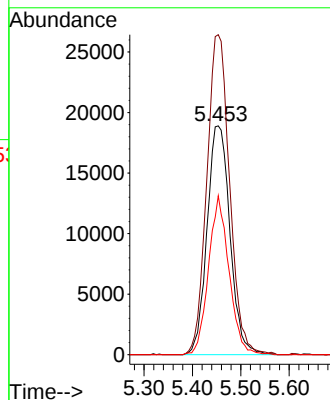
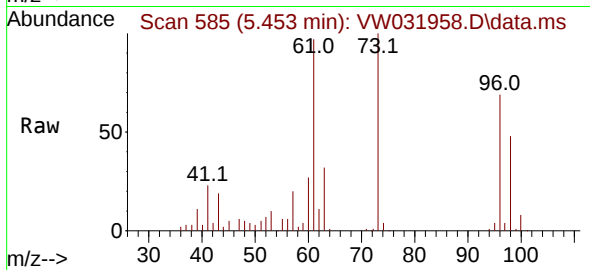




#21
trans-1,2-Dichloroethene
Concen: 18.610 ug/l
RT: 5.453 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

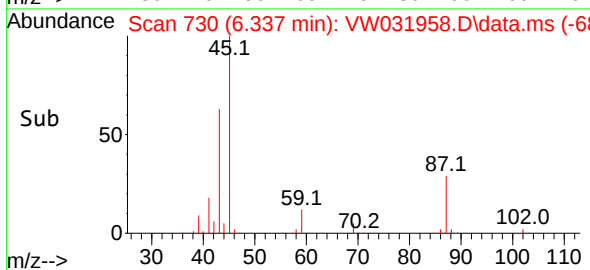
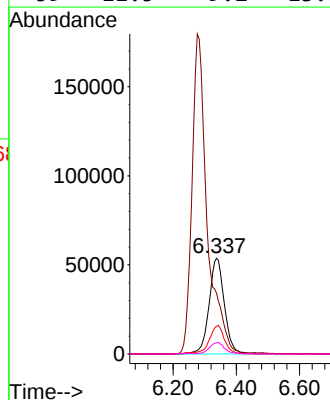
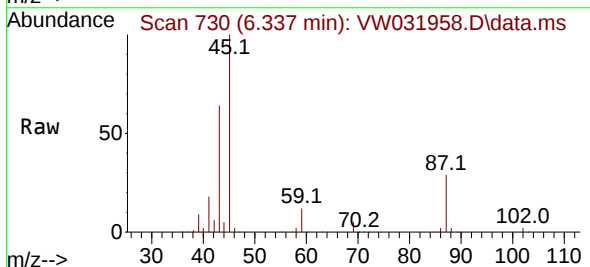
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

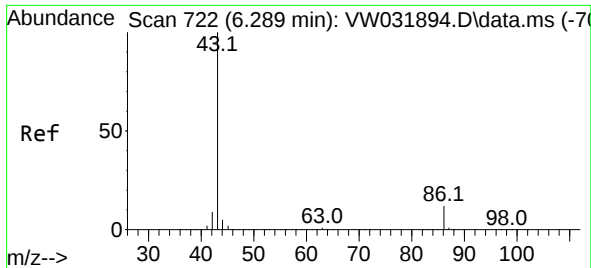
Tgt Ion: 96 Resp: 62234
Ion Ratio Lower Upper
96 100
61 139.8 112.8 169.2
98 69.4 51.9 77.9



#22
Diisopropyl ether
Concen: 18.400 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 45 Resp: 180657
Ion Ratio Lower Upper
45 100
43 63.1 47.0 70.6
87 29.0 22.8 34.2
59 11.5 9.2 13.8

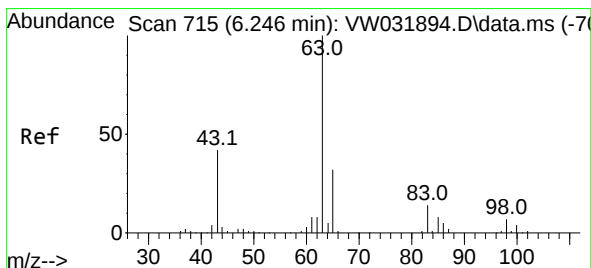
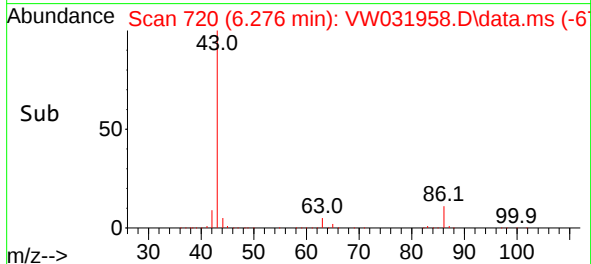
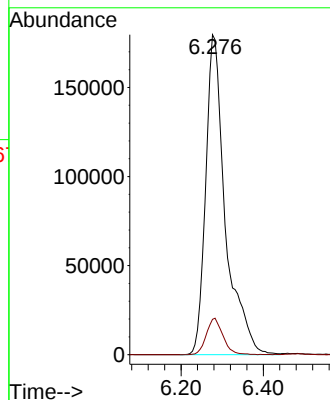
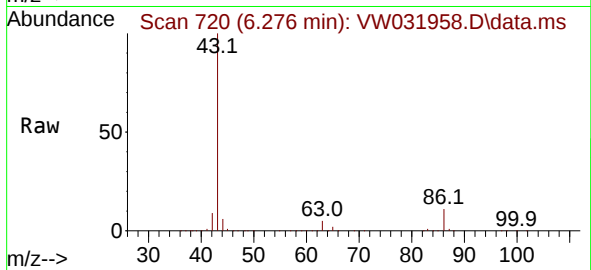




#23
 Vinyl Acetate
 Concen: 93.198 ug/l
 RT: 6.276 min Scan# 715
 Delta R.T. -0.012 min
 Lab File: VW031958.D
 Acq: 30 Jul 2025 13:09

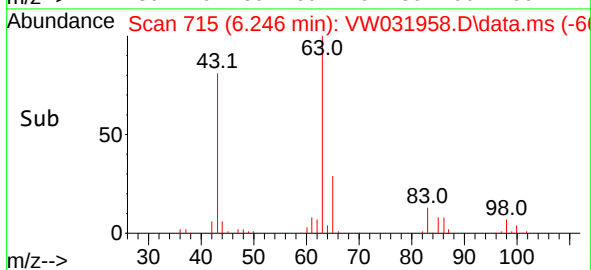
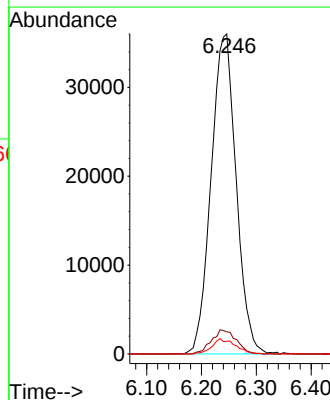
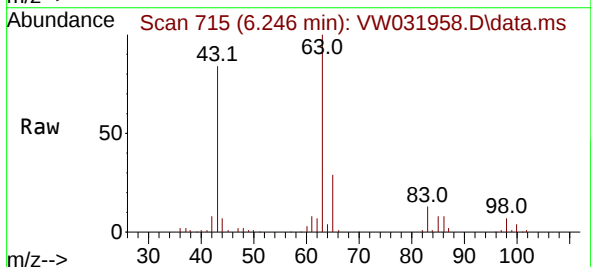
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBSD01

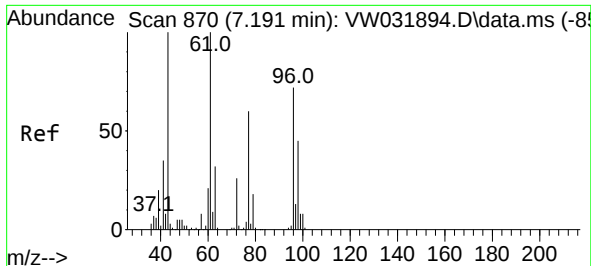
Tgt Ion: 43 Resp: 597803
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 18.705 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW031958.D
 Acq: 30 Jul 2025 13:09

Tgt Ion: 63 Resp: 114343
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.0 2.2 6.6

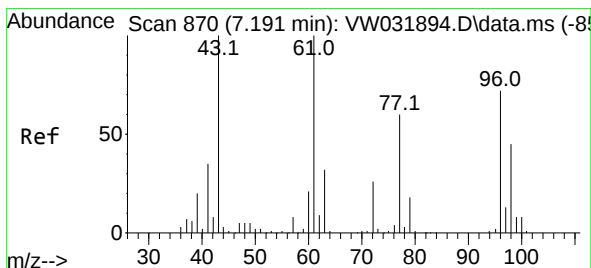
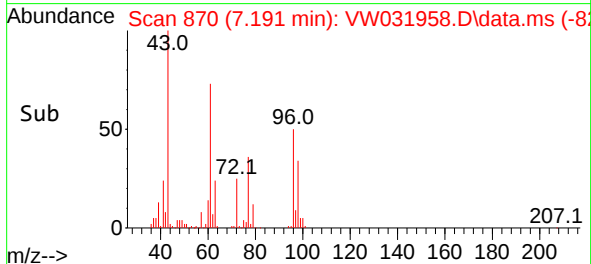
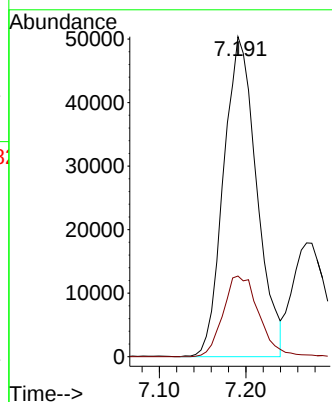
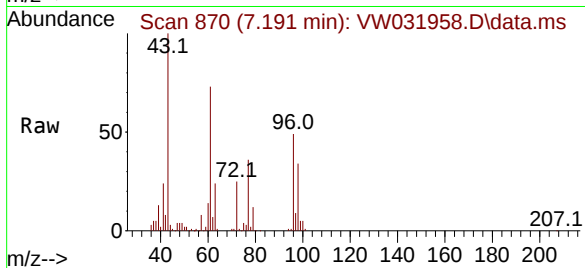




#25
2-Butanone
Concen: 115.384 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

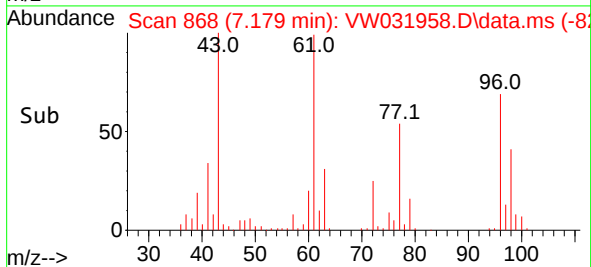
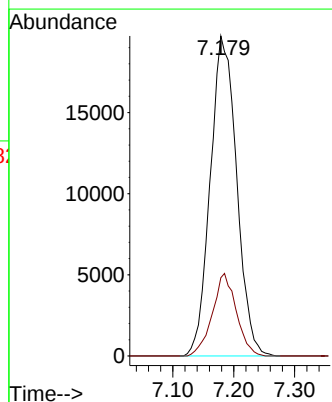
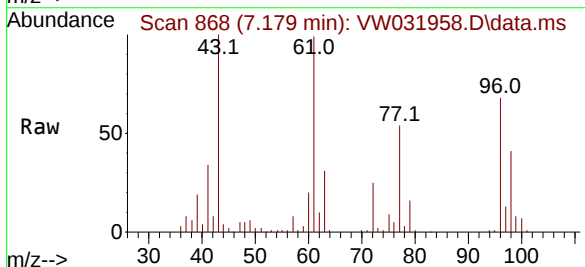
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS01

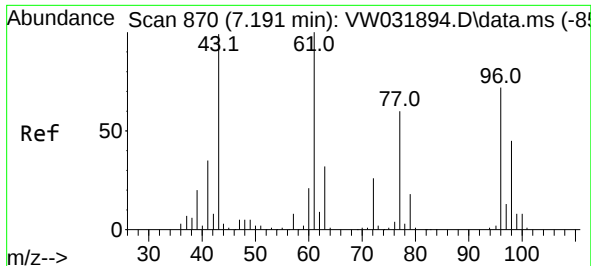
Tgt Ion: 43 Resp: 133957
Ion Ratio Lower Upper
43 100
72 25.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 17.149 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 77 Resp: 59349
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.670 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD01

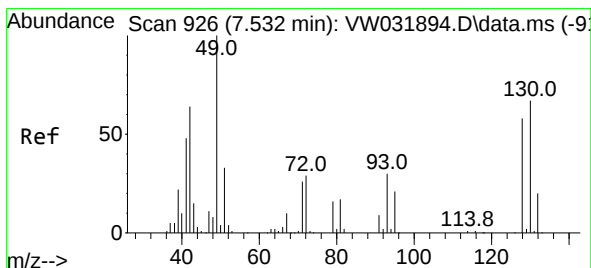
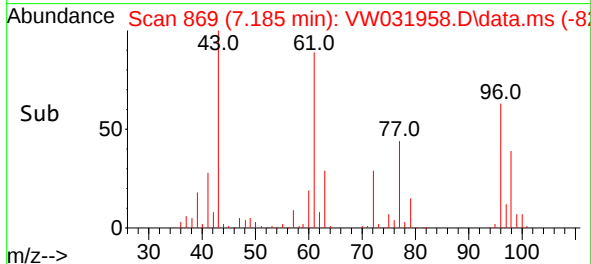
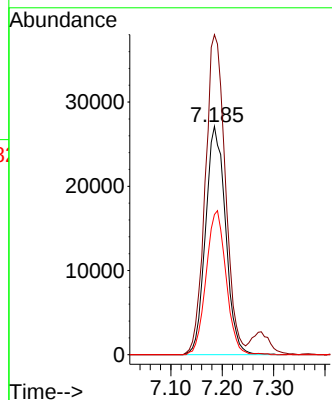
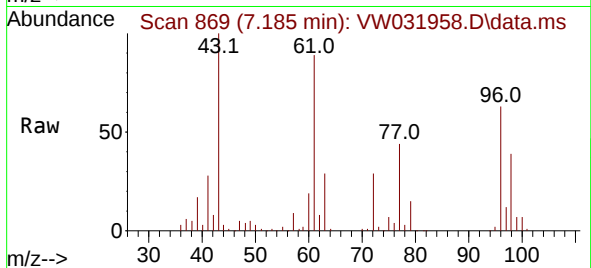
Tgt Ion: 96 Resp: 73401

Ion Ratio Lower Upper

96 100

61 140.5 0.0 280.2

98 62.9 0.0 126.8



#28

Bromochloromethane

Concen: 18.307 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

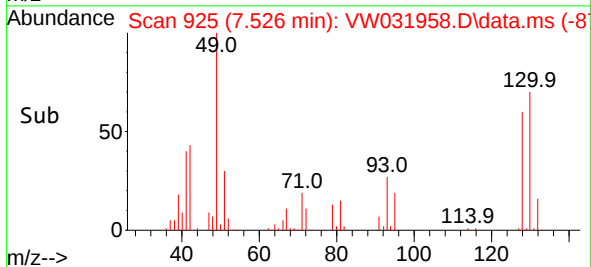
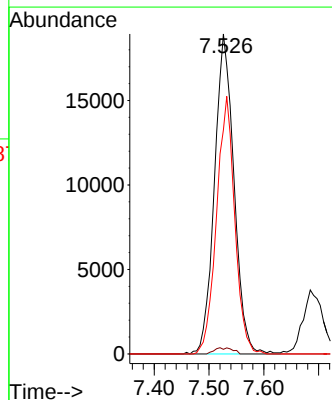
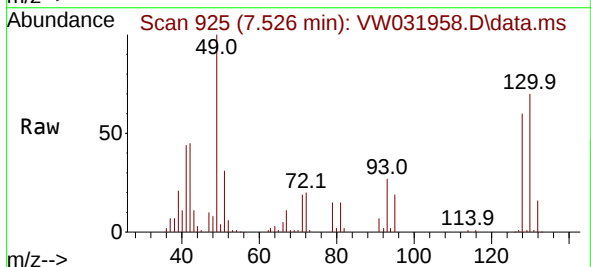
Tgt Ion: 49 Resp: 46854

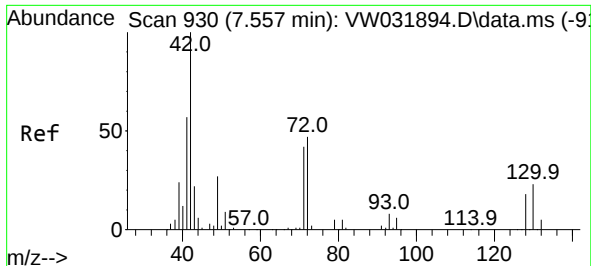
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

130 75.2 59.0 88.4

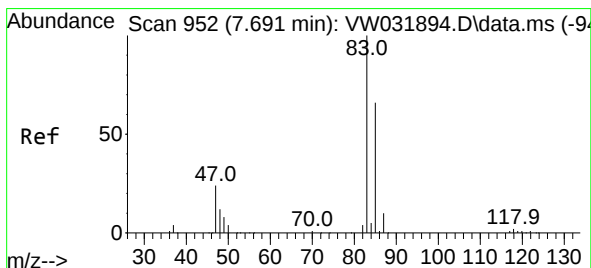
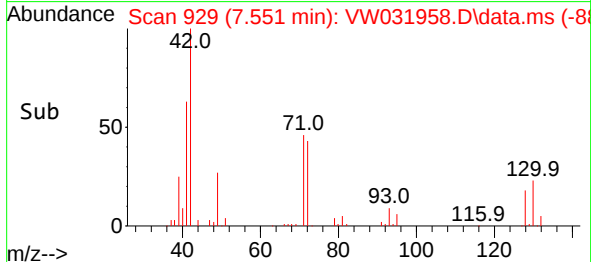
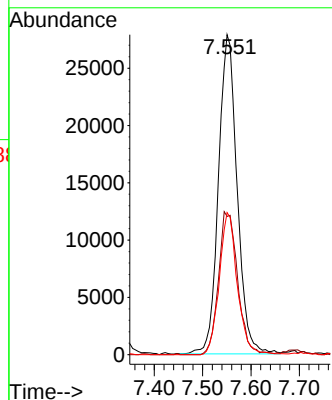
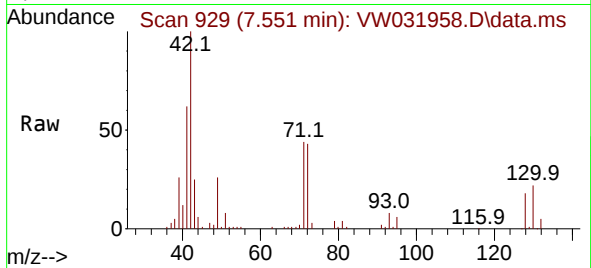




#29
Tetrahydrofuran
Concen: 98.351 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

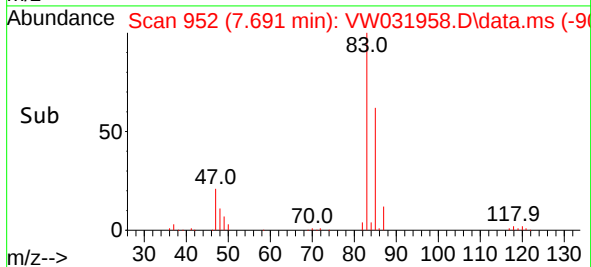
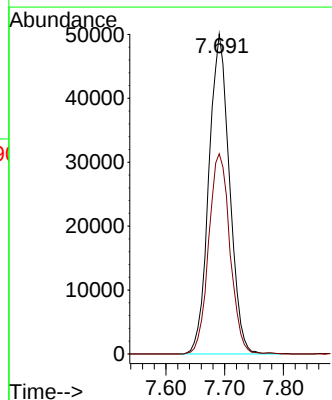
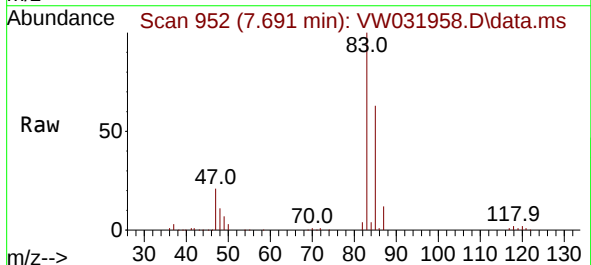
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

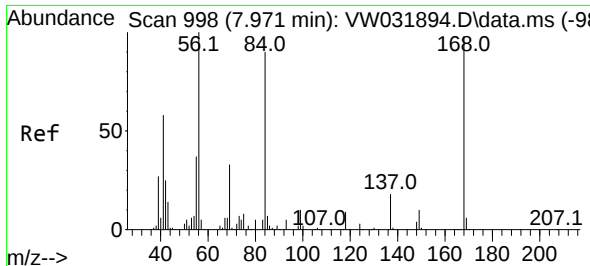
Tgt Ion: 42 Resp: 74861
Ion Ratio Lower Upper
42 100
72 45.8 37.0 55.6
71 43.0 34.5 51.7



#30
Chloroform
Concen: 19.025 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 83 Resp: 121938
Ion Ratio Lower Upper
83 100
85 62.6 52.6 78.8

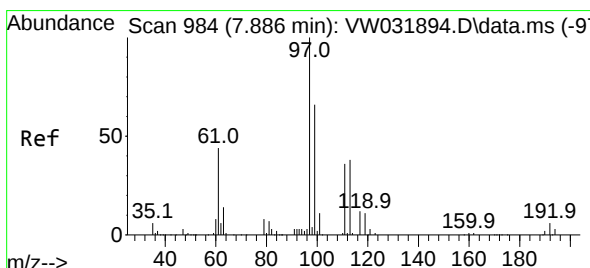
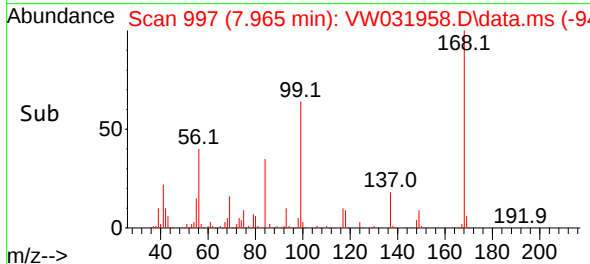
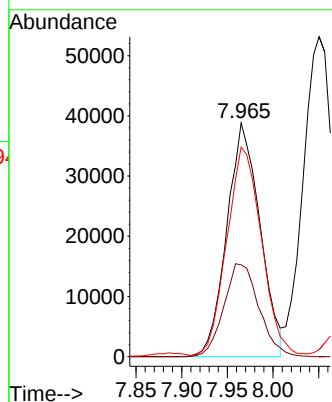
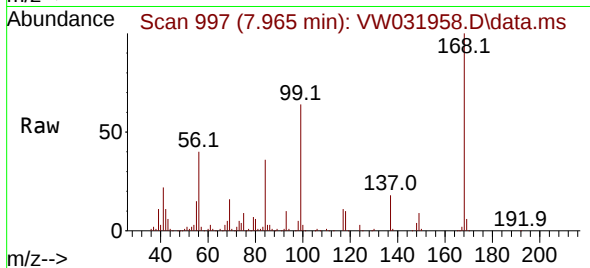




#31
Cyclohexane
Concen: 17.871 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

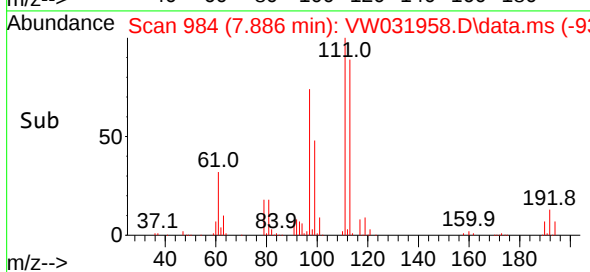
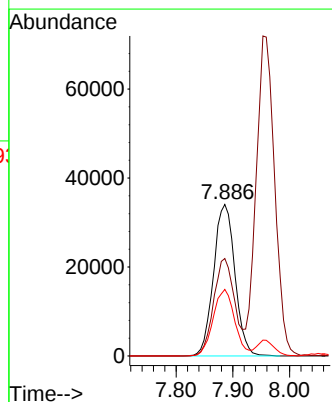
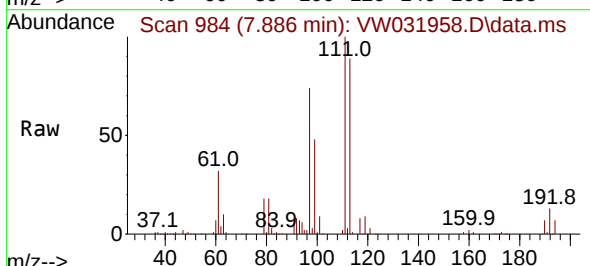
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

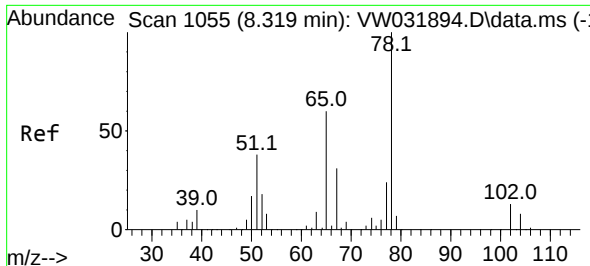
Tgt Ion: 56 Resp: 98009
Ion Ratio Lower Upper
56 100
69 39.3 26.7 40.1
84 88.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.299 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 97 Resp: 89247
Ion Ratio Lower Upper
97 100
99 62.4 53.0 79.4
61 44.0 35.4 53.0

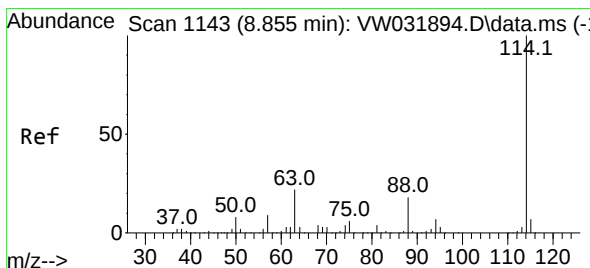
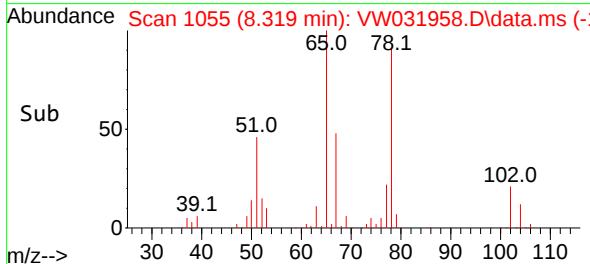
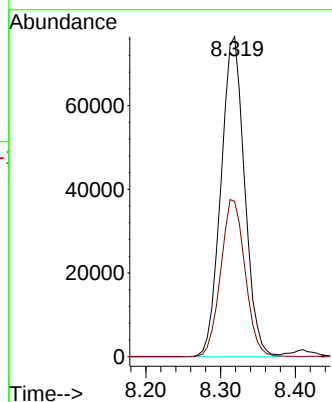
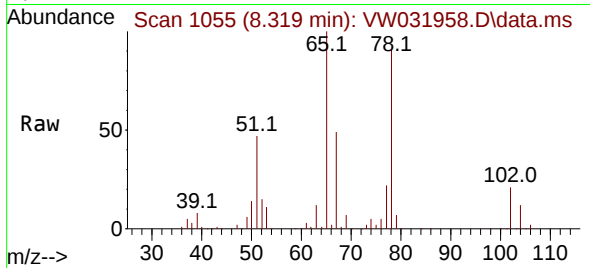




#33
 1,2-Dichloroethane-d4
 Concen: 47.042 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031958.D
 Acq: 30 Jul 2025 13:09

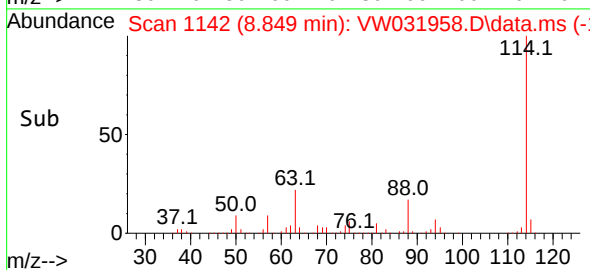
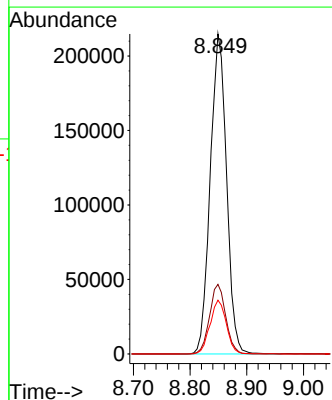
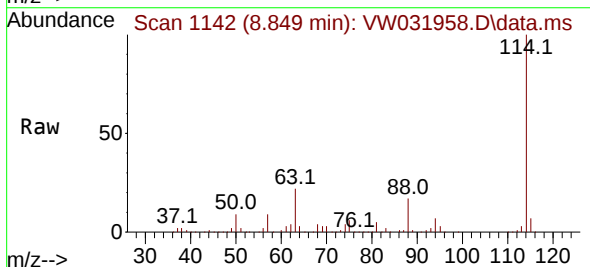
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS01

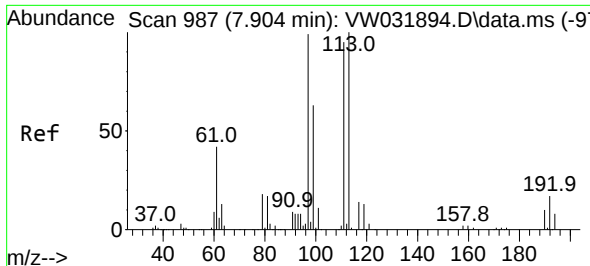
Tgt Ion: 65 Resp: 168213
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031958.D
 Acq: 30 Jul 2025 13:09

Tgt Ion: 114 Resp: 428572
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 16.8 0.0 35.6

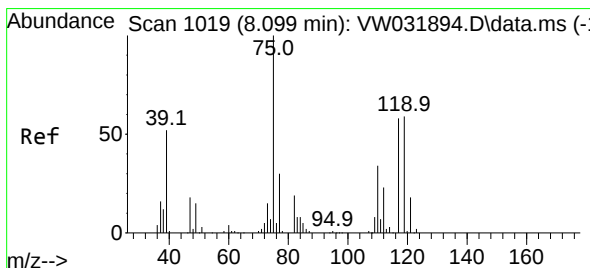
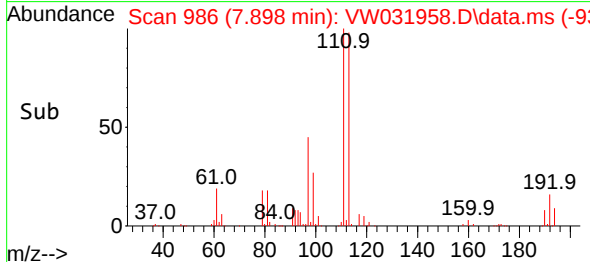
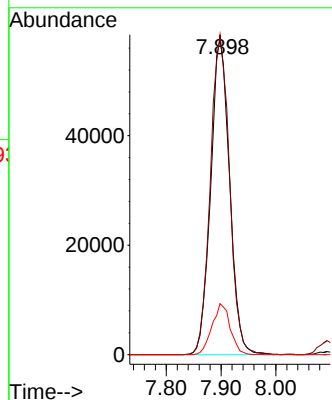
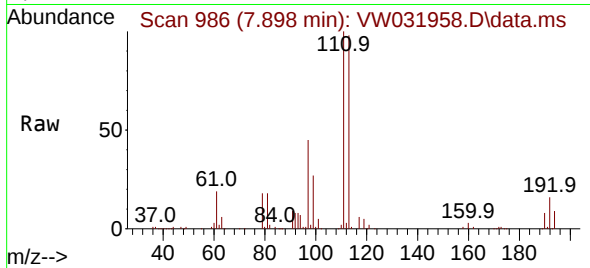




#35
Dibromofluoromethane
Concen: 47.413 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

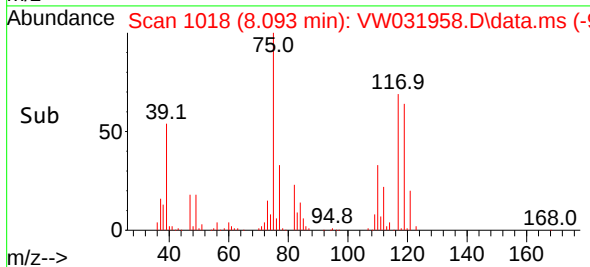
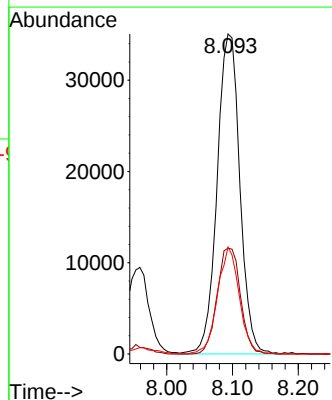
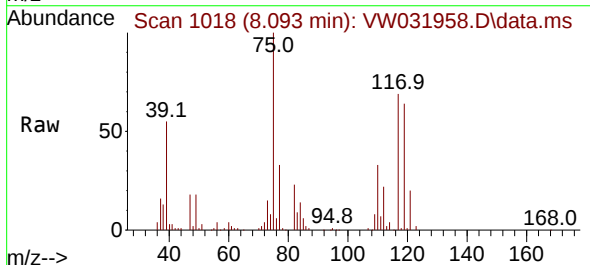
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

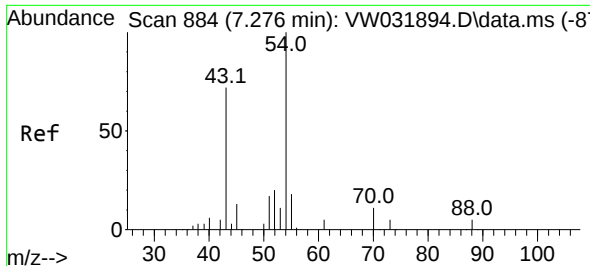
Tgt Ion:113 Resp: 138075
Ion Ratio Lower Upper
113 100
111 102.6 79.9 119.9
192 15.5 12.6 19.0



#36
1,1-Dichloropropene
Concen: 18.870 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 75 Resp: 84391
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 32.1 25.1 37.7

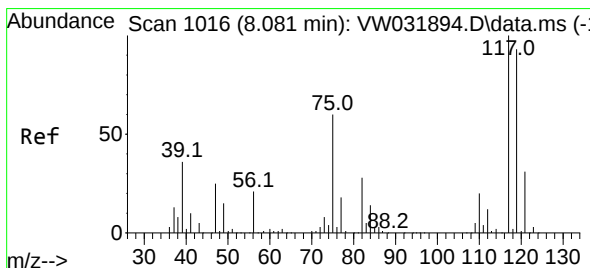
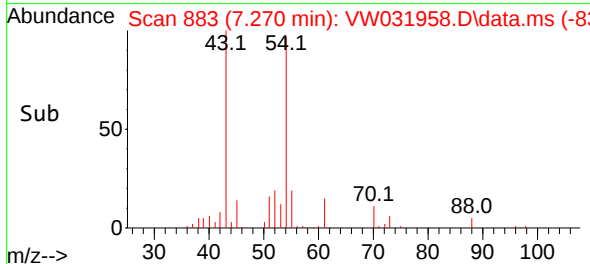
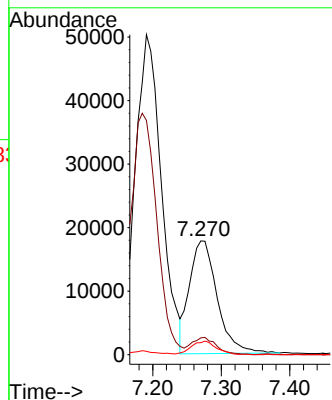
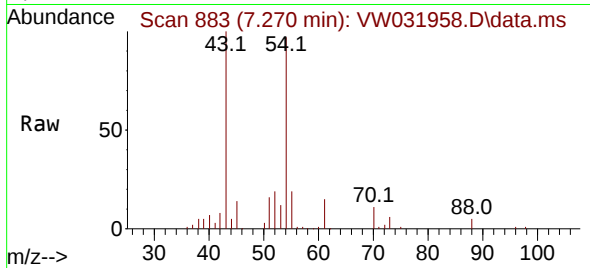




#37
Ethyl Acetate
Concen: 19.658 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

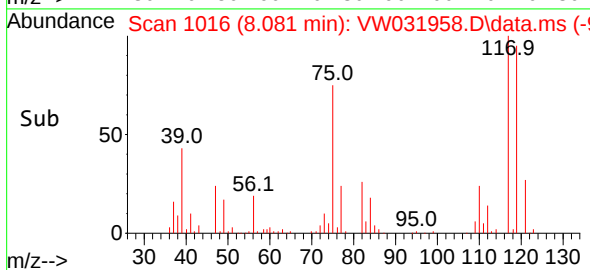
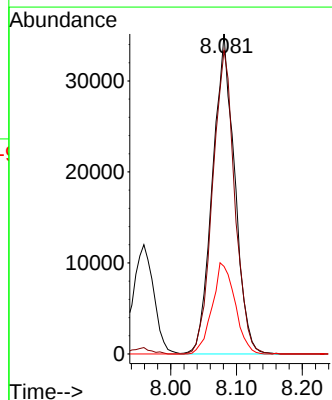
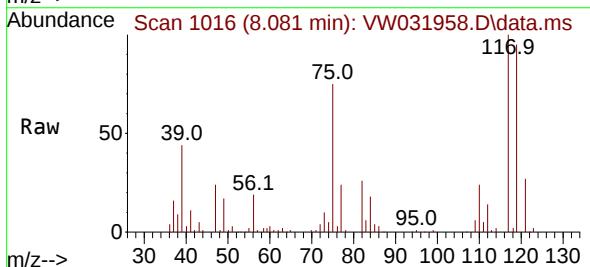
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

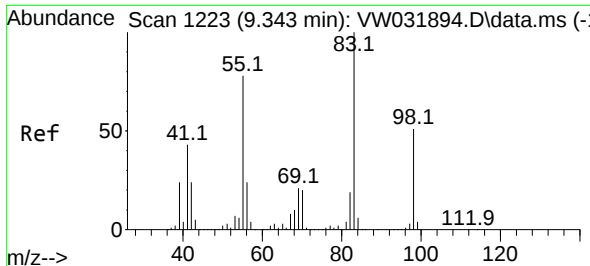
Tgt Ion: 43 Resp: 50154
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 10.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.109 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 117 Resp: 82019
Ion Ratio Lower Upper
117 100
119 94.9 74.3 111.5
121 27.3 24.6 37.0





#39

Methylcyclohexane

Concen: 18.602 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD01

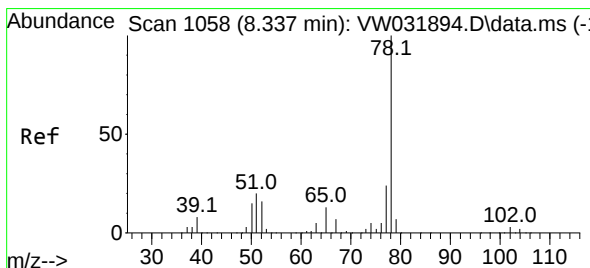
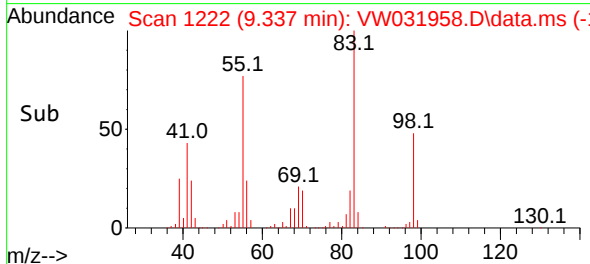
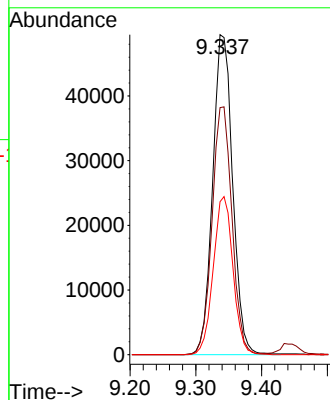
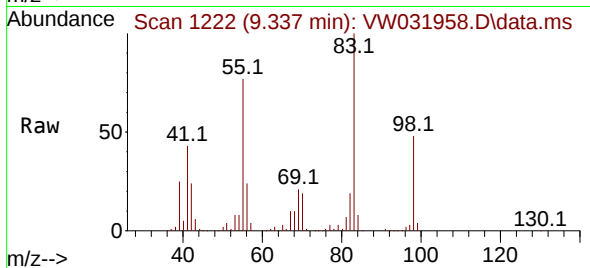
Tgt Ion: 83 Resp: 104699

Ion Ratio Lower Upper

83 100

55 77.2 62.5 93.7

98 47.8 40.6 61.0



#40

Benzene

Concen: 19.156 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW031958.D

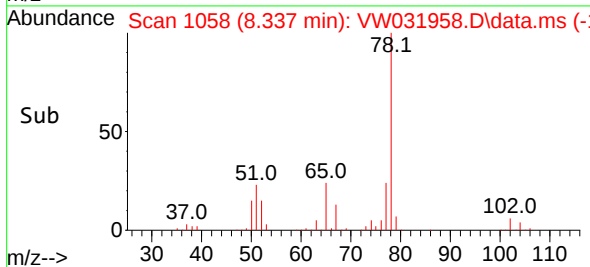
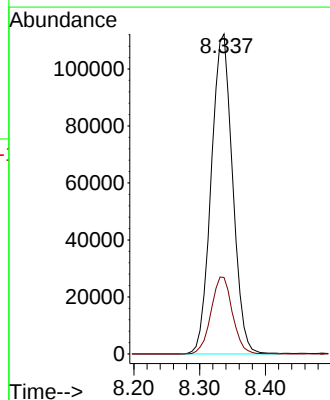
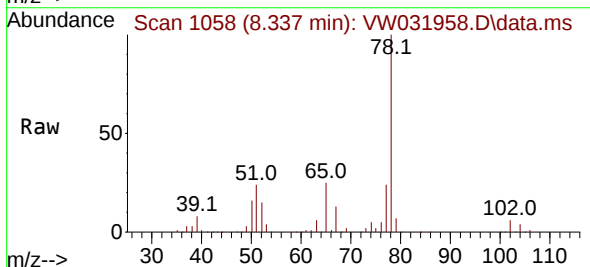
Acq: 30 Jul 2025 13:09

Tgt Ion: 78 Resp: 253610

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

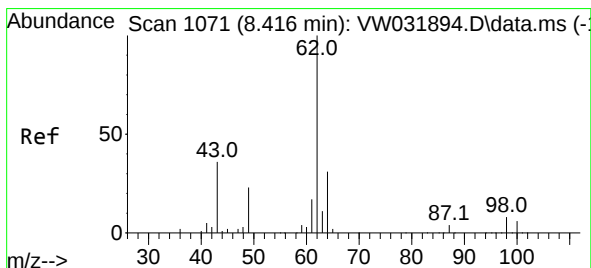
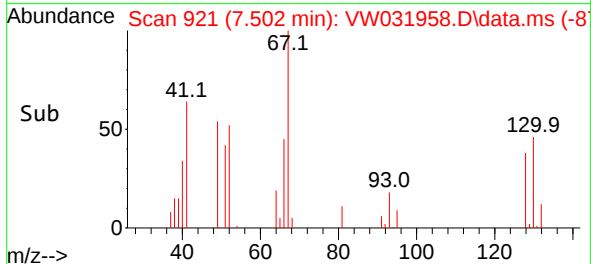
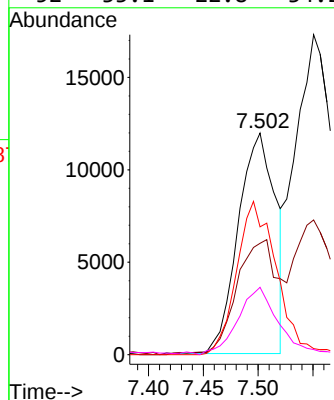
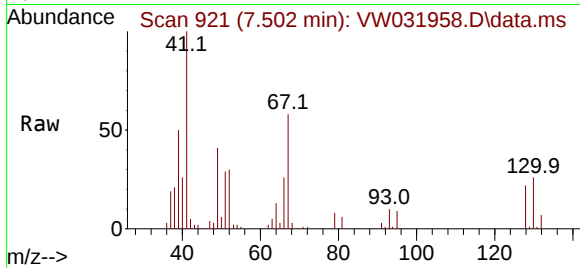




#41
Methacrylonitrile
Concen: 18.458 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

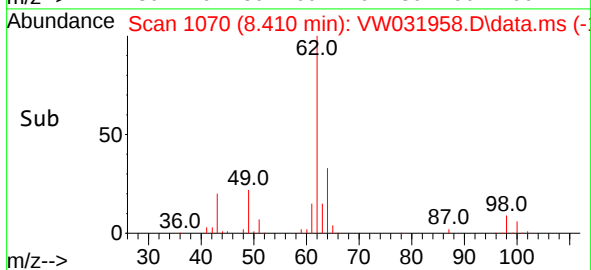
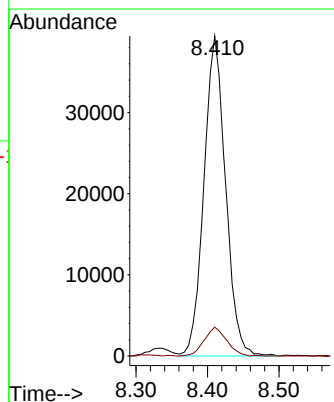
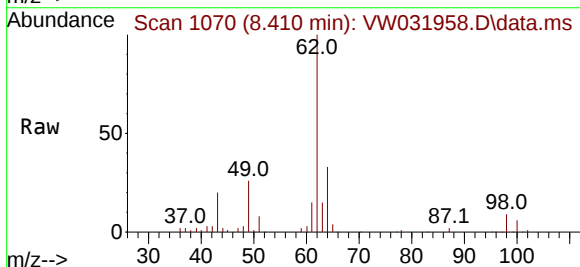
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

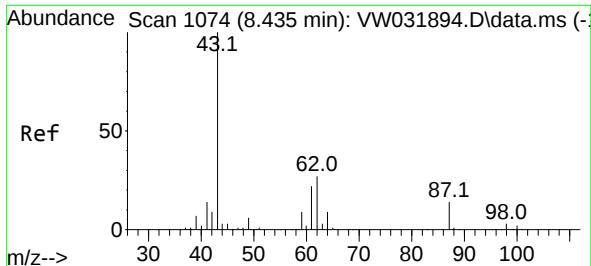
Tgt Ion:	41	Resp:	28189
Ion	Ratio	Lower	Upper
41	100		
39	60.5	41.1	61.7
67	74.8	56.2	84.4
52	33.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 19.553 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:	62	Resp:	82848
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

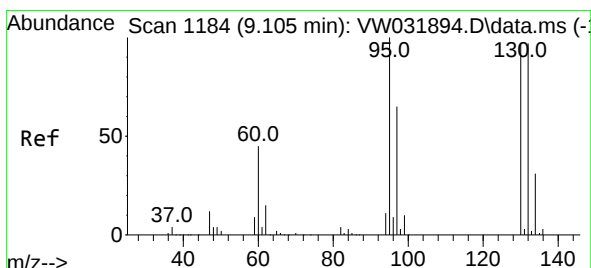
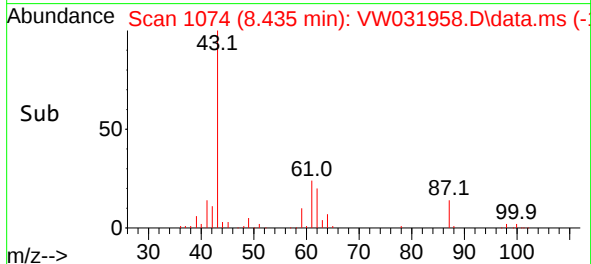
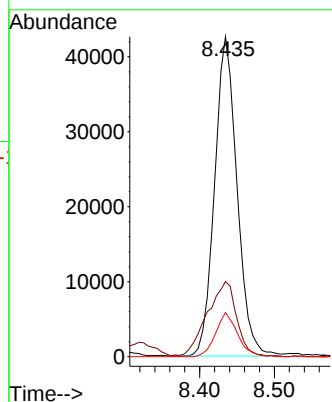
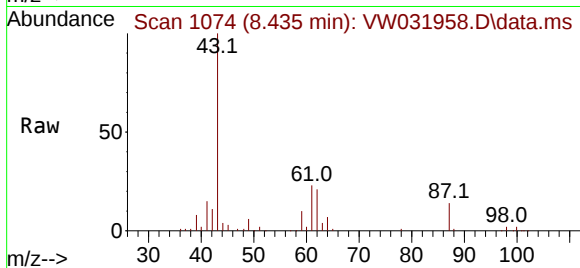




#43
Isopropyl Acetate
Concen: 19.241 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

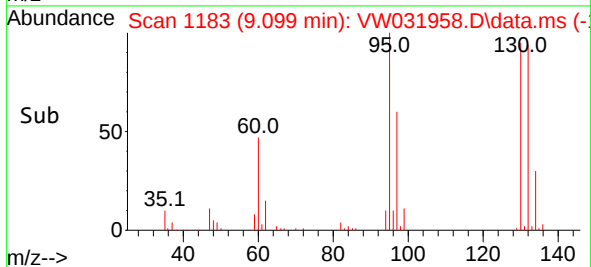
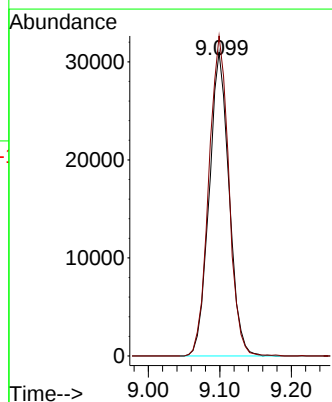
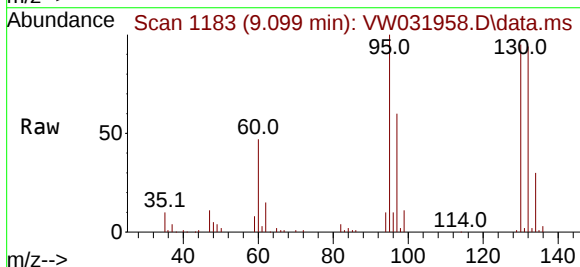
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

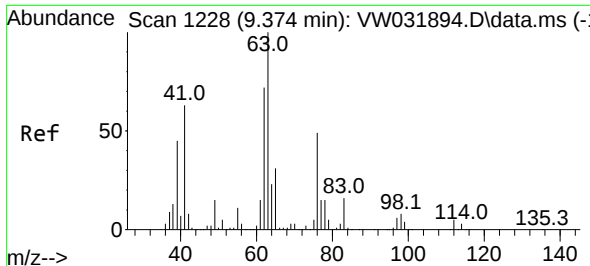
Tgt Ion: 43 Resp: 88867
Ion Ratio Lower Upper
43 100
61 30.9 24.0 36.0
87 13.5 11.1 16.7



#44
Trichloroethene
Concen: 19.026 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:130 Resp: 59871
Ion Ratio Lower Upper
130 100
95 105.3 0.0 206.4





#45

1,2-Dichloropropane

Concen: 19.457 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

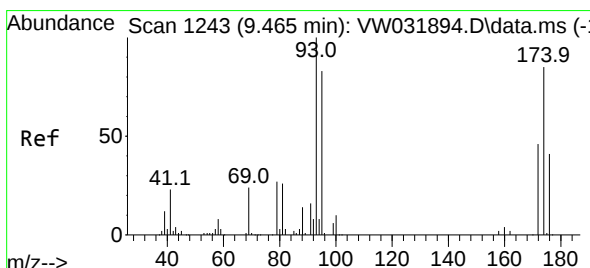
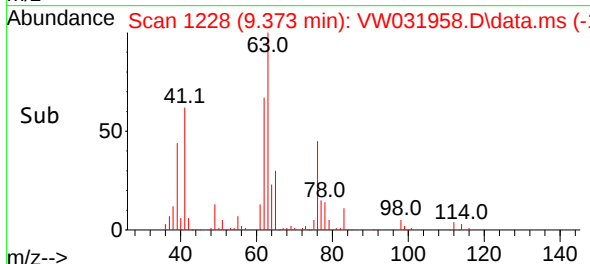
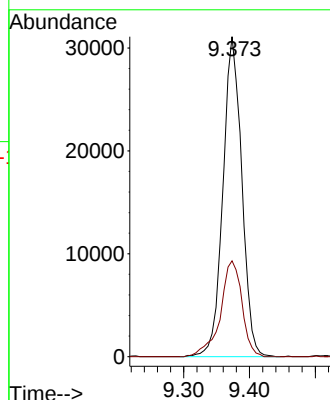
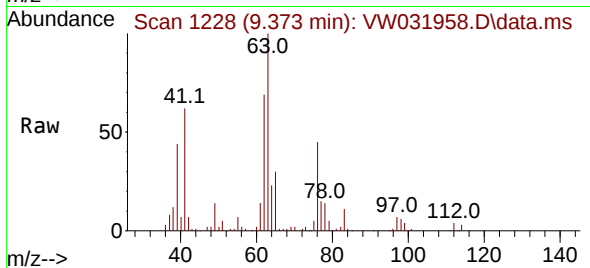
VW0730SBSD01

Tgt Ion: 63 Resp: 62038

Ion Ratio Lower Upper

63 100

65 29.9 25.0 37.4



#46

Dibromomethane

Concen: 19.282 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

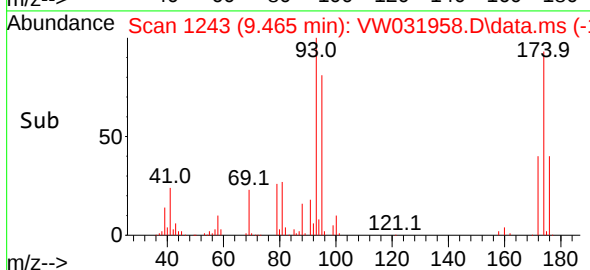
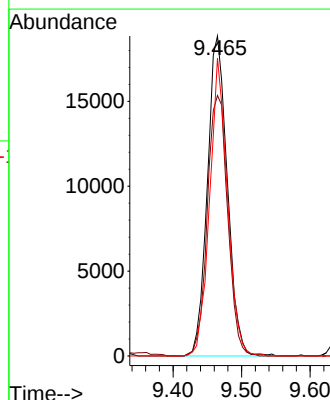
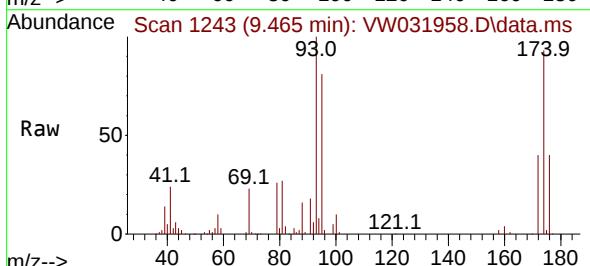
Tgt Ion: 93 Resp: 38111

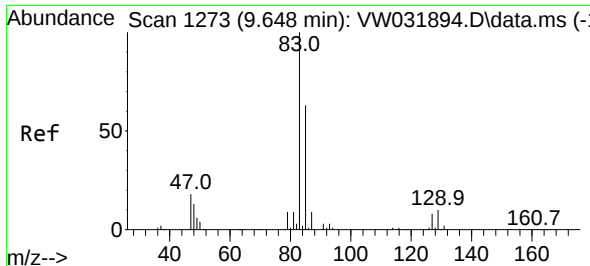
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.6

174 83.5 70.2 105.2

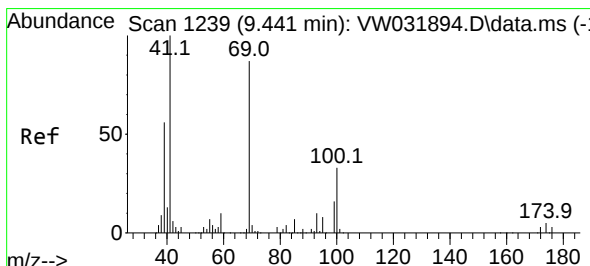
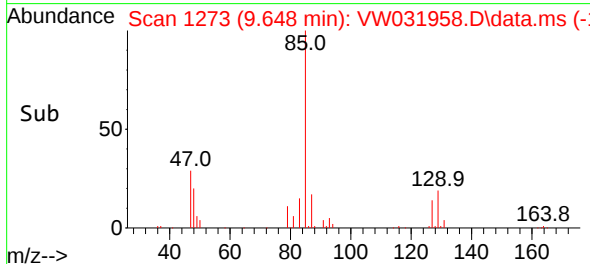
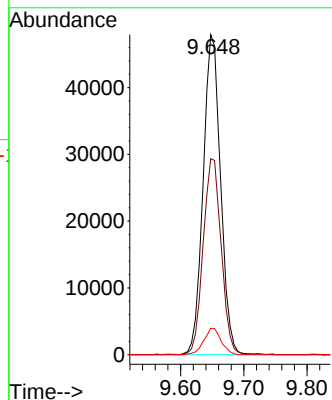
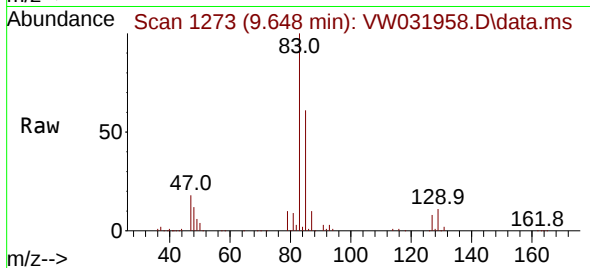




#47
Bromodichloromethane
Concen: 19.425 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

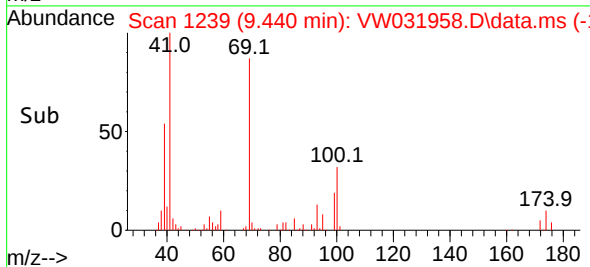
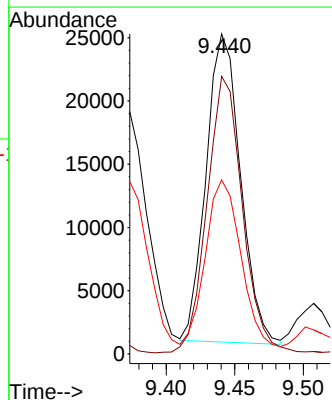
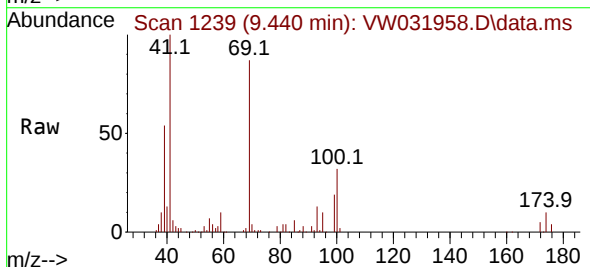
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

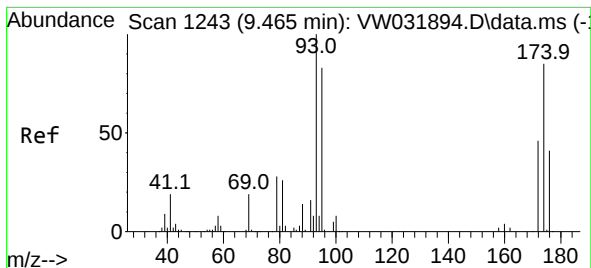
Tgt Ion: 83 Resp: 92062
Ion Ratio Lower Upper
83 100
85 61.3 50.6 76.0
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 19.330 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 41 Resp: 42475
Ion Ratio Lower Upper
41 100
69 92.8 73.6 110.4
39 55.6 45.5 68.3





#49

1,4-Dioxane

Concen: 502.949 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD01

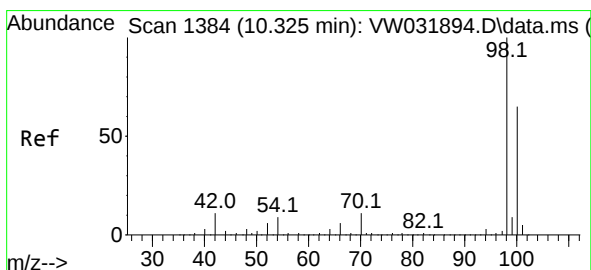
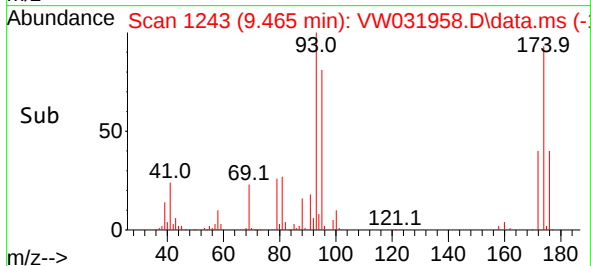
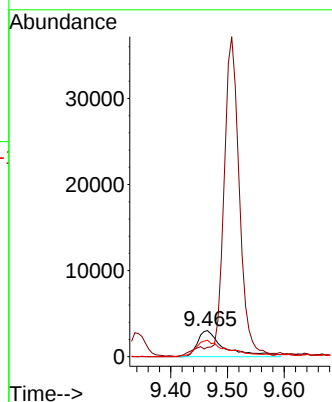
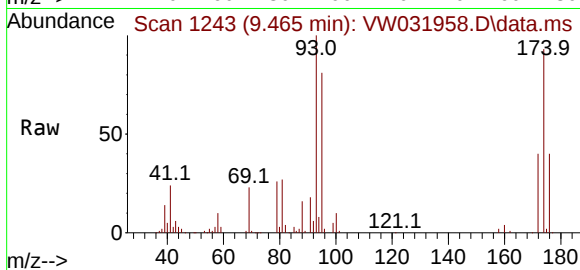
Tgt Ion: 88 Resp: 9919

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 75.5 58.2 87.2



#50

Toluene-d8

Concen: 48.318 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW031958.D

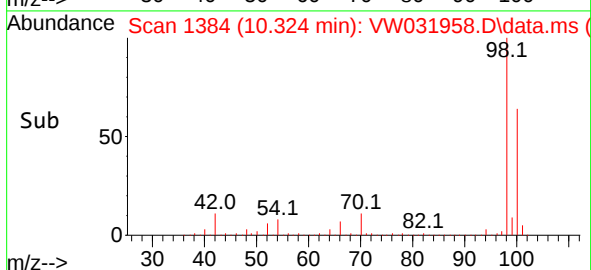
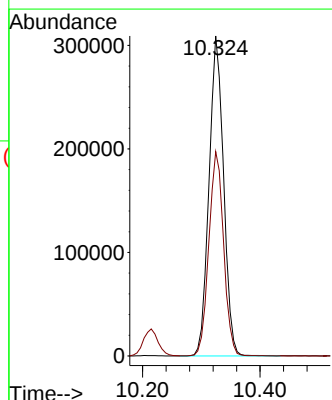
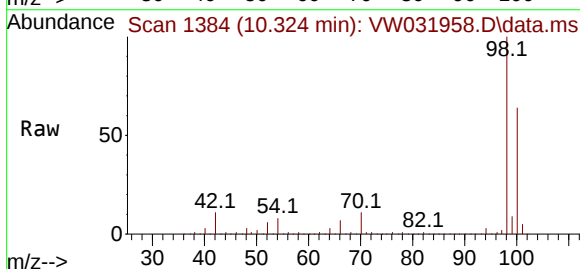
Acq: 30 Jul 2025 13:09

Tgt Ion: 98 Resp: 532549

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

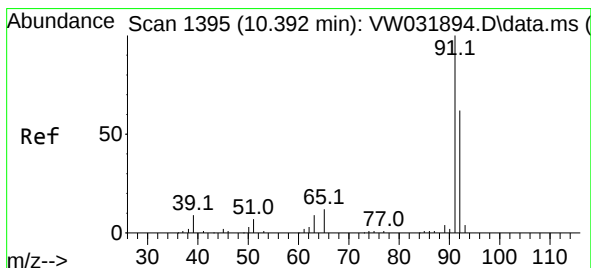
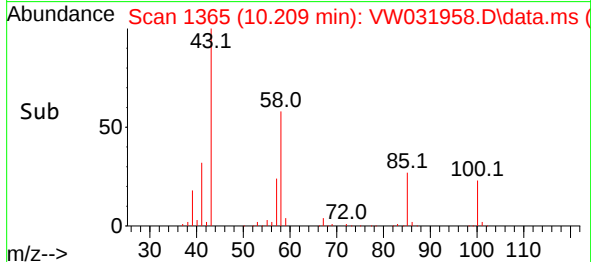
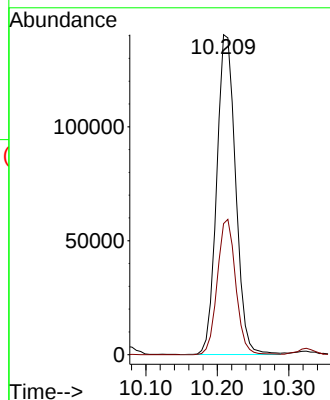
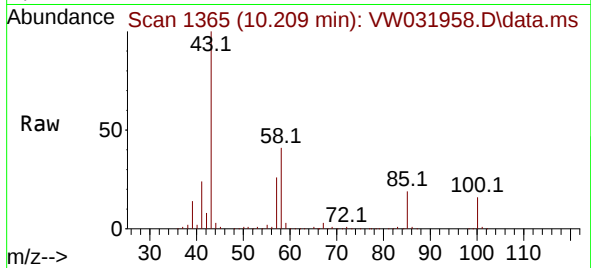




#51
4-Methyl-2-Pentanone
Concen: 102.054 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

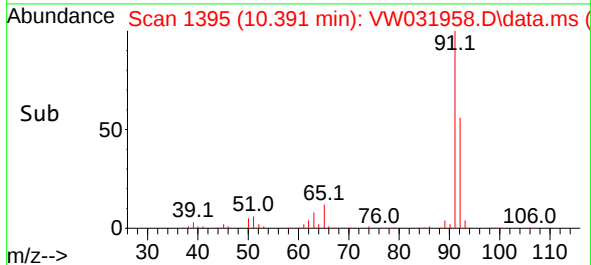
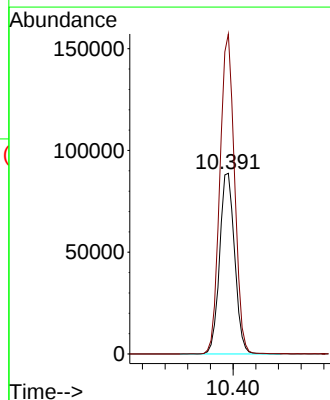
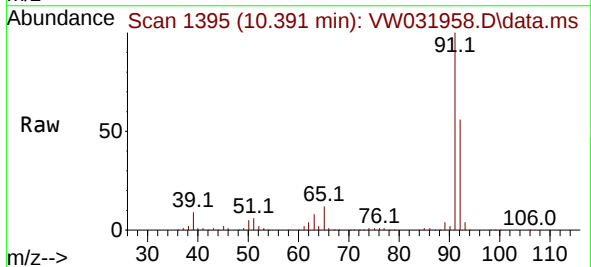
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

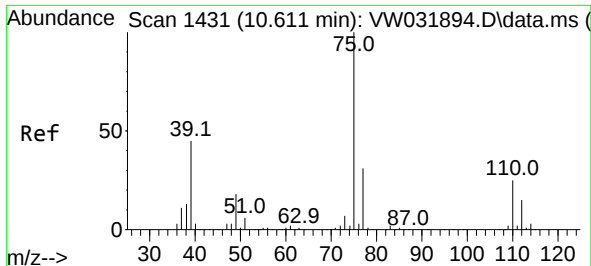
Tgt Ion: 43 Resp: 257957
Ion Ratio Lower Upper
43 100
58 41.2 32.8 49.2



#52
Toluene
Concen: 19.141 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 92 Resp: 162904
Ion Ratio Lower Upper
92 100
91 173.0 133.7 200.5

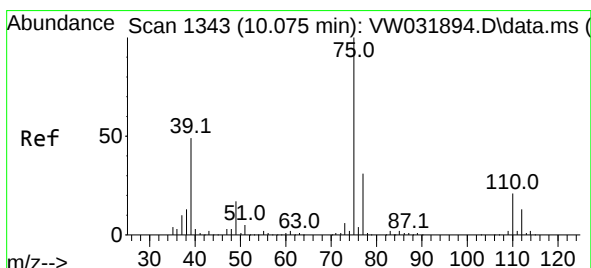
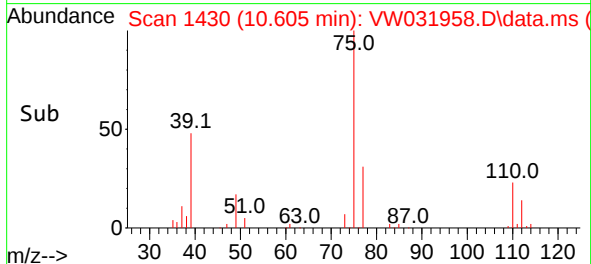
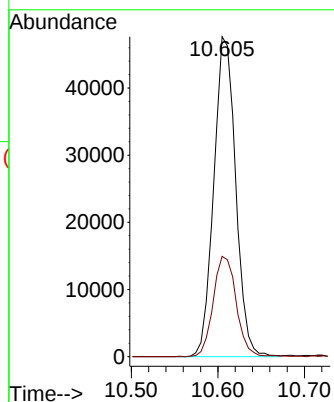
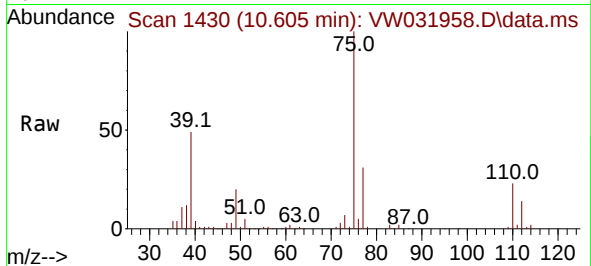




#53
 t-1,3-Dichloropropene
 Concen: 18.402 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW031958.D
 Acq: 30 Jul 2025 13:09

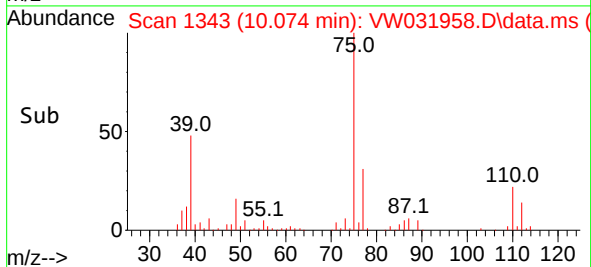
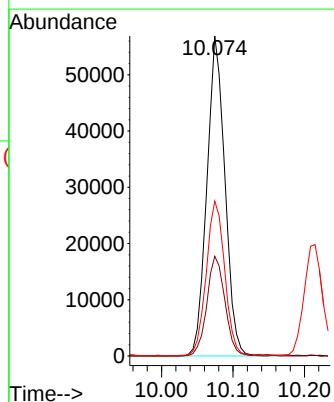
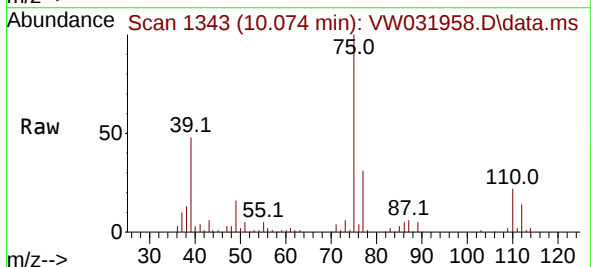
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBS01

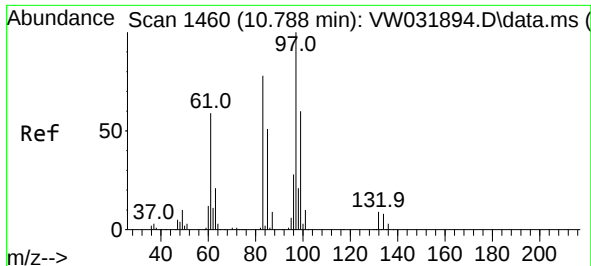
Tgt Ion: 75 Resp: 83662
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.250 ug/l
 RT: 10.074 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW031958.D
 Acq: 30 Jul 2025 13:09

Tgt Ion: 75 Resp: 99944
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.5 36.7
 39 48.2 39.3 58.9

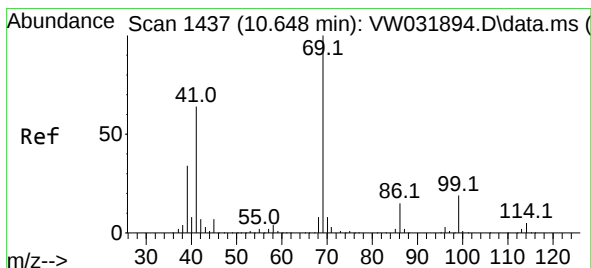
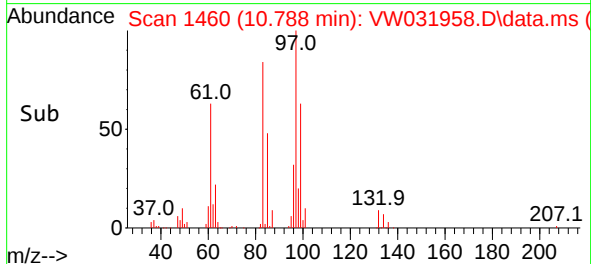
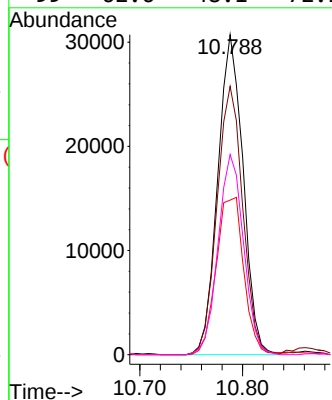
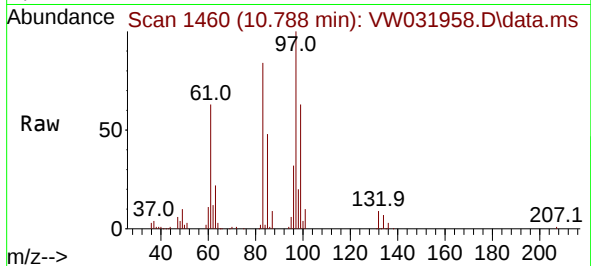




#55
1,1,2-Trichloroethane
Concen: 20.004 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

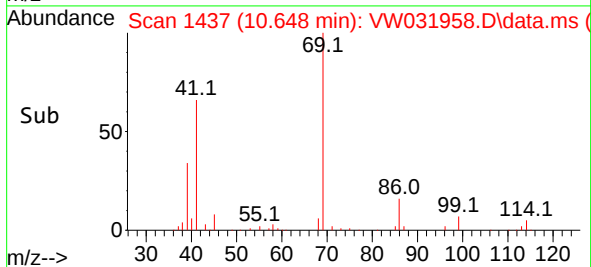
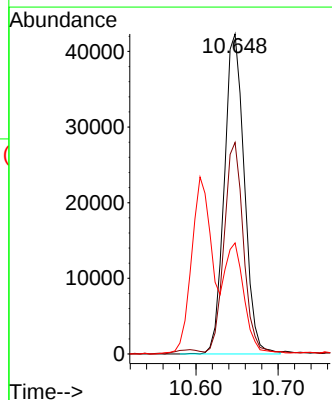
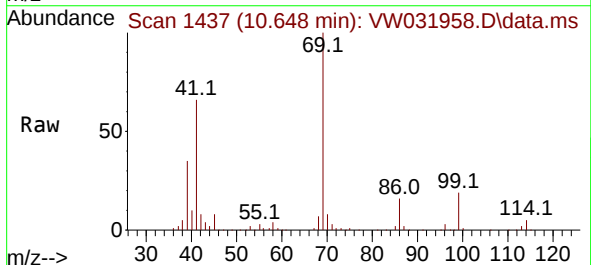
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS01

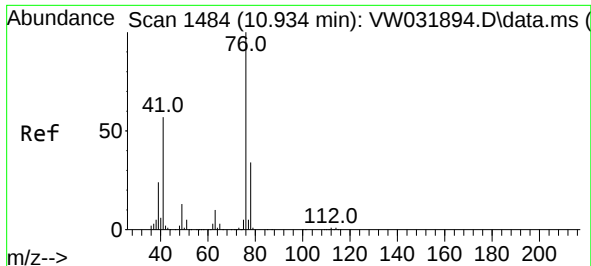
Tgt Ion:	97	Resp:	52517
Ion	Ratio	Lower	Upper
97	100		
83	83.9	62.4	93.6
85	48.3	41.0	61.6
99	62.6	48.1	72.1



#56
Ethyl methacrylate
Concen: 19.316 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:	69	Resp:	71620
Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.0	78.0
39	32.5	26.6	40.0





#57

1,3-Dichloropropane

Concen: 19.738 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

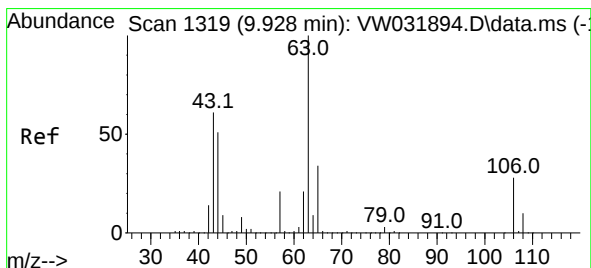
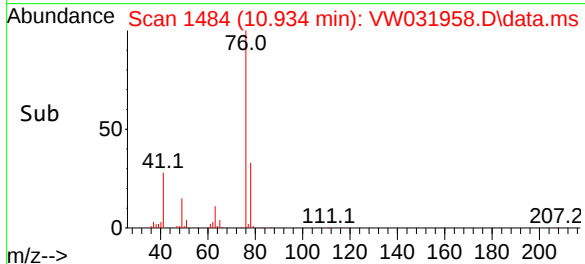
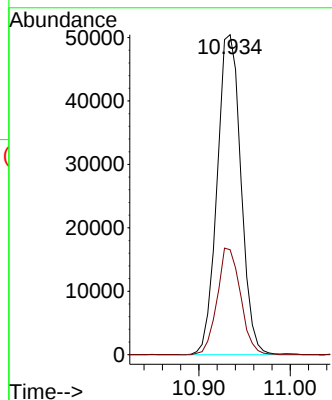
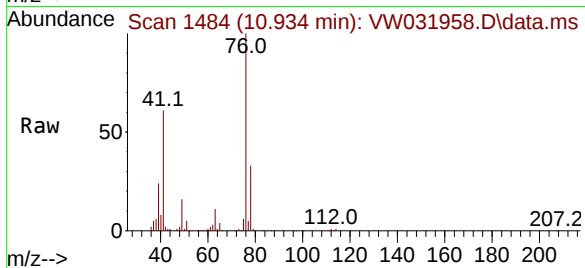
VW0730SBS01

Tgt Ion: 76 Resp: 91292

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 94.758 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW031958.D

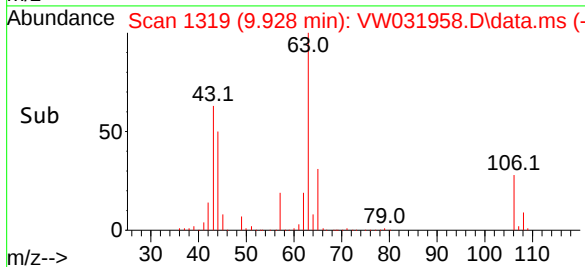
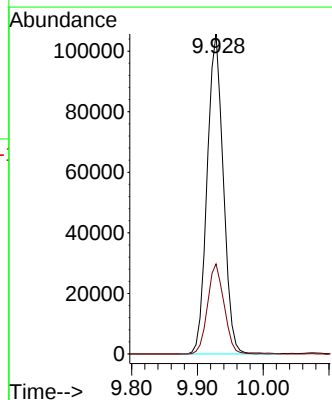
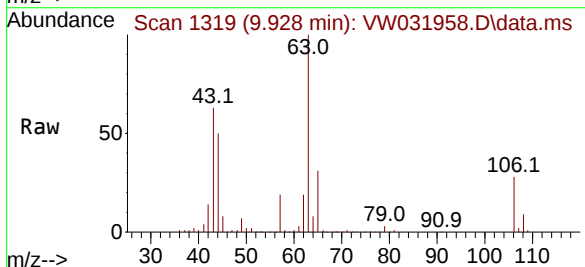
Acq: 30 Jul 2025 13:09

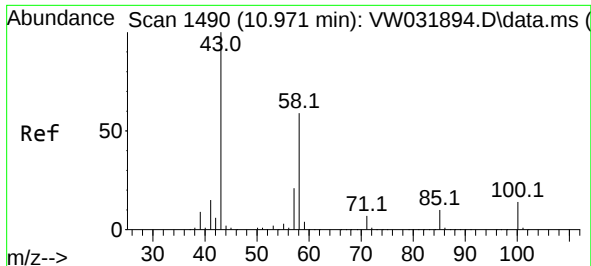
Tgt Ion: 63 Resp: 180471

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1

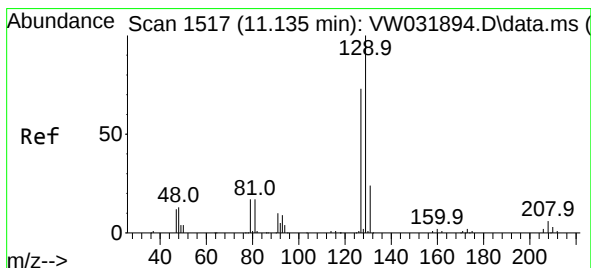
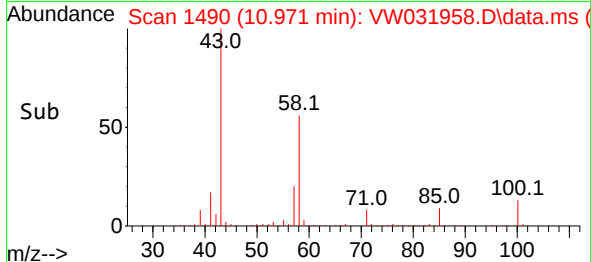
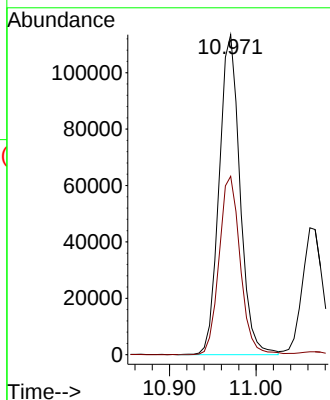
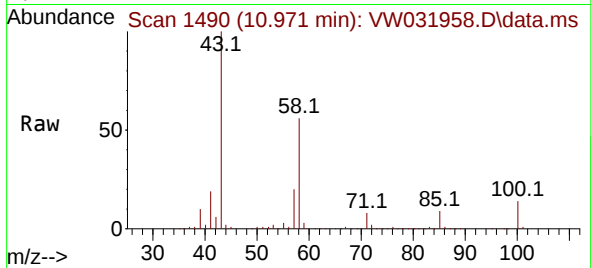




#59
2-Hexanone
Concen: 107.919 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

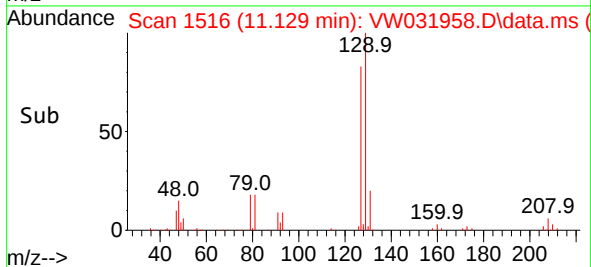
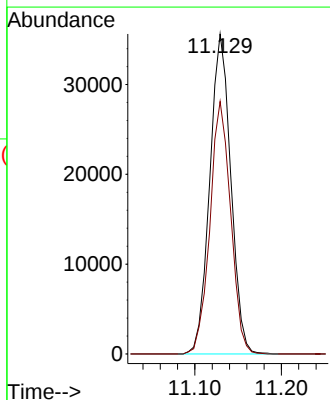
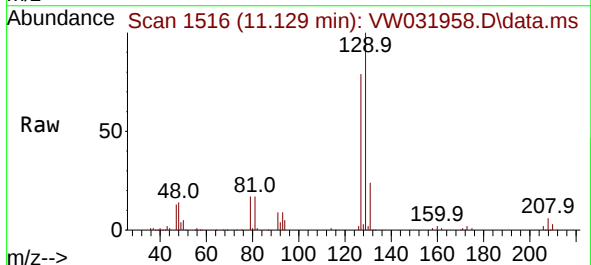
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

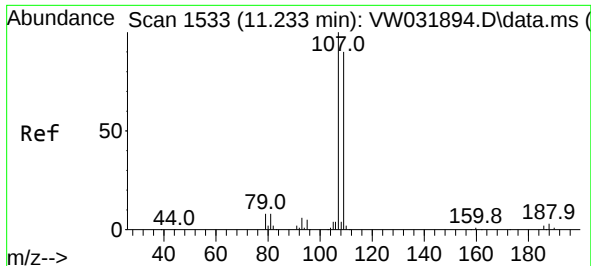
Tgt Ion: 43 Resp: 189611
Ion Ratio Lower Upper
43 100
58 56.6 28.5 85.6



#60
Dibromochloromethane
Concen: 19.643 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:129 Resp: 60128
Ion Ratio Lower Upper
129 100
127 77.6 39.6 118.8

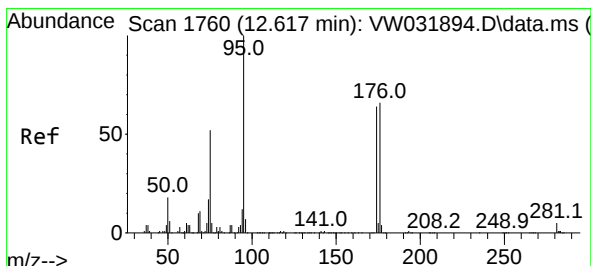
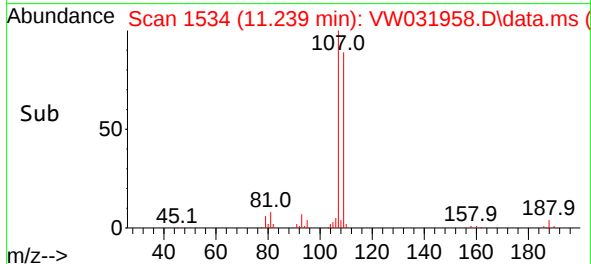
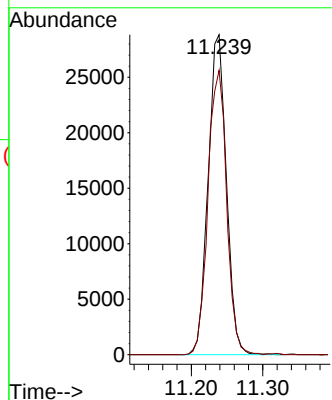
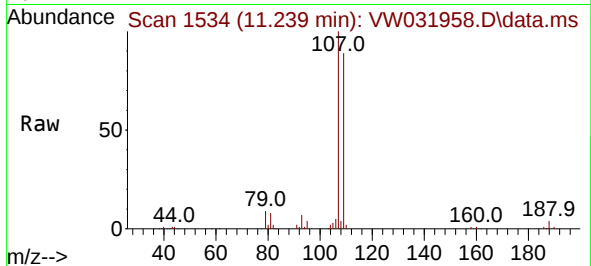




#61
1,2-Dibromoethane
Concen: 19.694 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

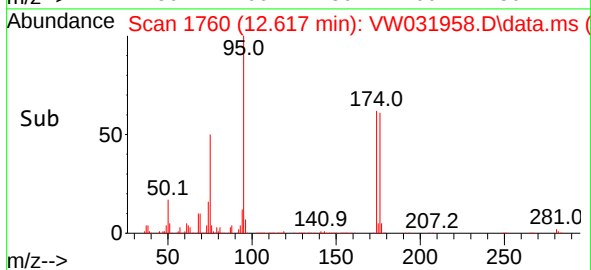
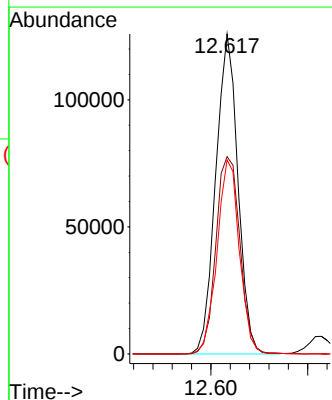
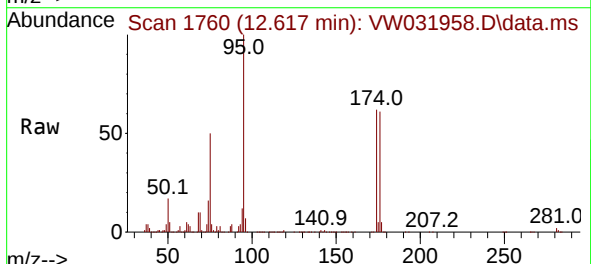
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

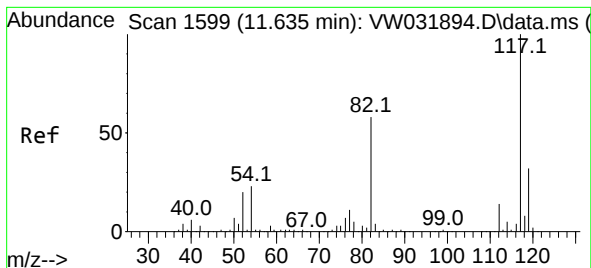
Tgt Ion:107 Resp: 51091
Ion Ratio Lower Upper
107 100
109 91.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.287 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 95 Resp: 200128
Ion Ratio Lower Upper
95 100
174 66.8 0.0 129.8
176 61.3 0.0 130.4

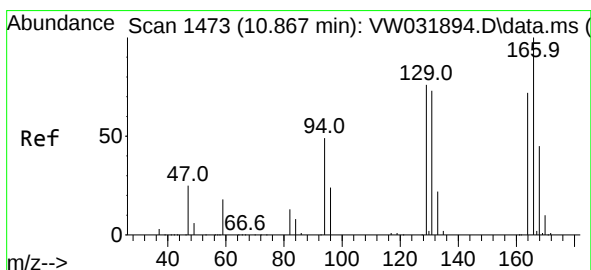
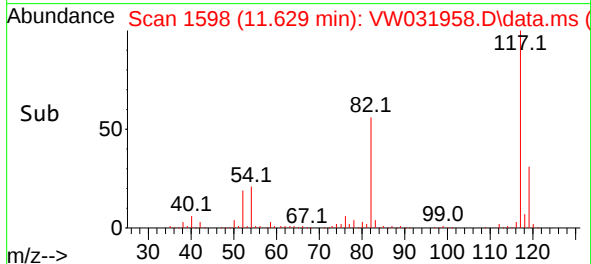
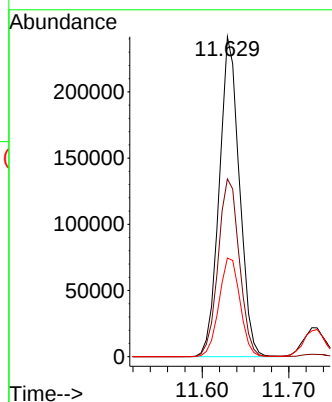
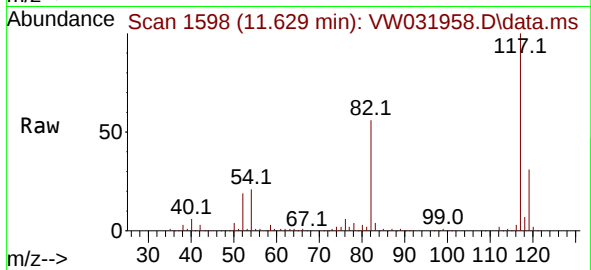




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

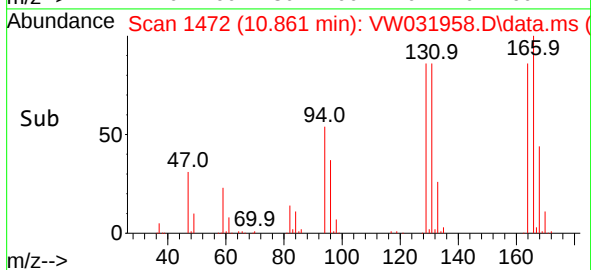
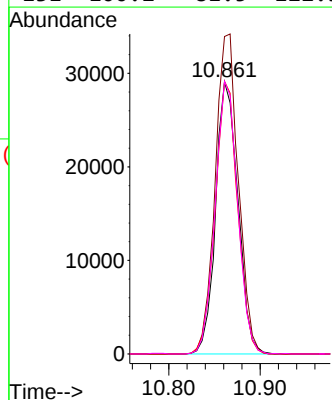
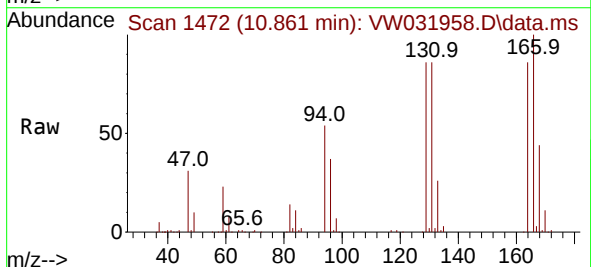
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS01

Tgt Ion:117 Resp: 390660
Ion Ratio Lower Upper
117 100
82 55.5 46.5 69.7
119 30.8 25.8 38.6



#64
Tetrachloroethene
Concen: 19.186 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:164 Resp: 49418
Ion Ratio Lower Upper
164 100
166 116.6 111.5 167.3
129 100.2 85.1 127.7
131 100.2 81.5 122.3

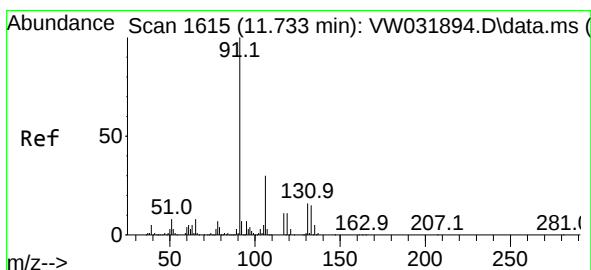
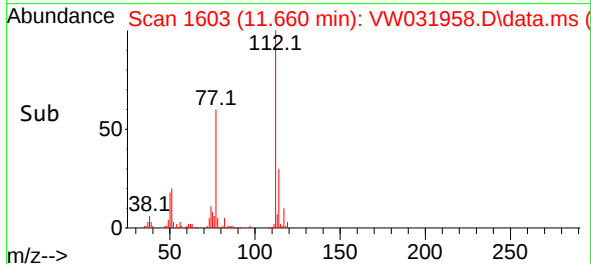
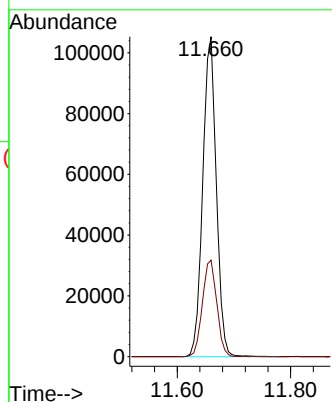
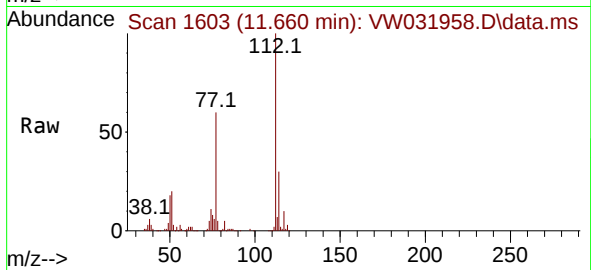




#65
Chlorobenzene
Concen: 18.240 ug/l
RT: 11.660 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

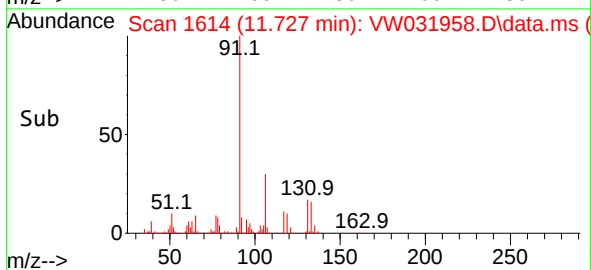
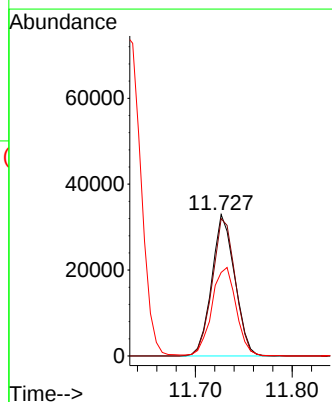
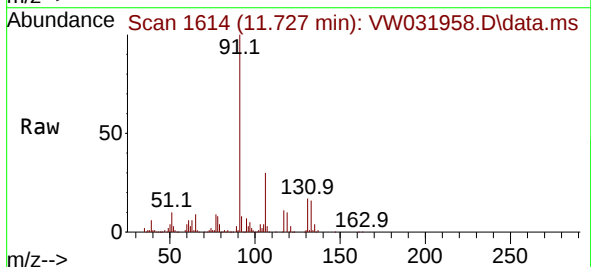
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

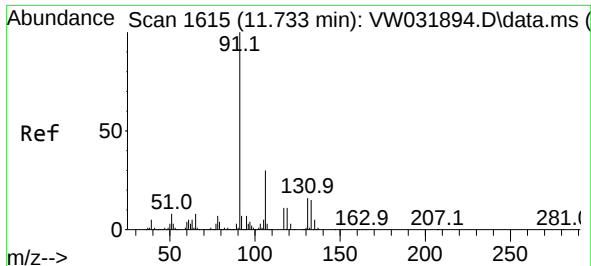
Tgt Ion:112 Resp: 174399
Ion Ratio Lower Upper
112 100
114 30.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.376 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:131 Resp: 54467
Ion Ratio Lower Upper
131 100
133 97.6 48.1 144.4
119 66.7 33.7 101.1





#67

Ethyl Benzene

Concen: 18.714 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

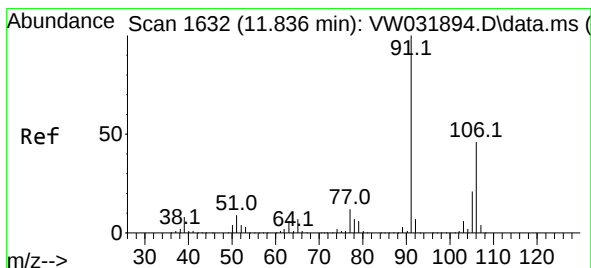
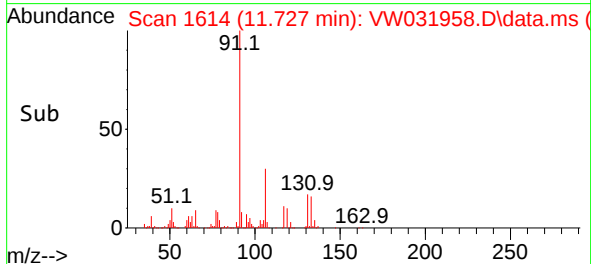
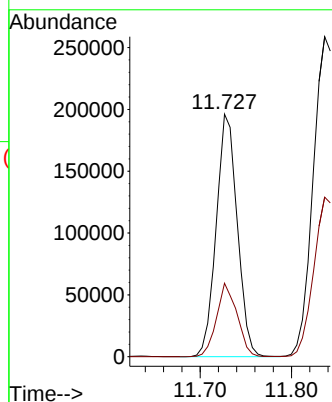
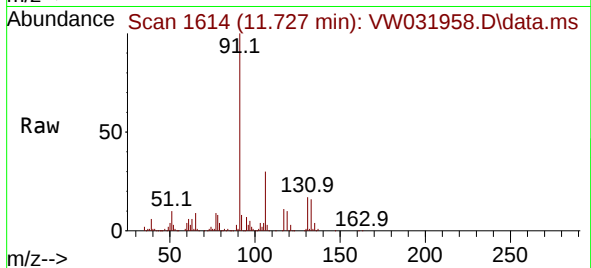
VW0730SBSD01

Tgt Ion: 91 Resp: 314369

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.6



#68

m/p-Xylenes

Concen: 38.001 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031958.D

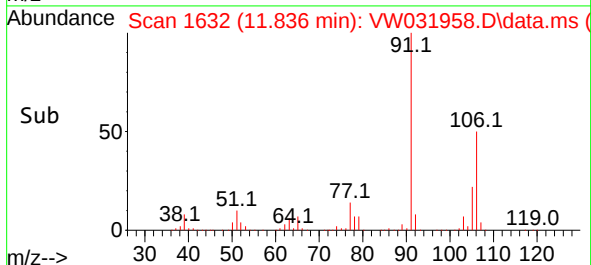
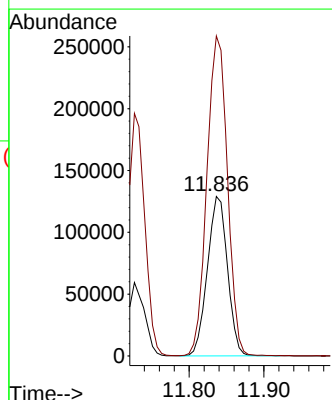
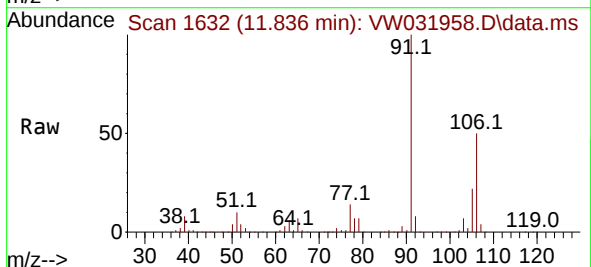
Acq: 30 Jul 2025 13:09

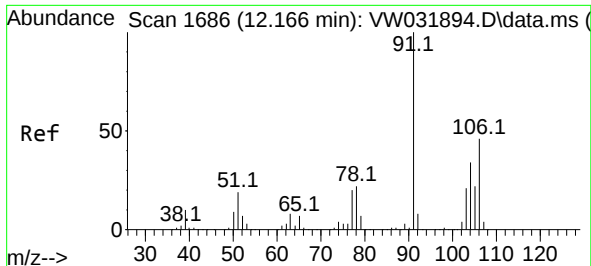
Tgt Ion:106 Resp: 240324

Ion Ratio Lower Upper

106 100

91 205.5 167.7 251.5

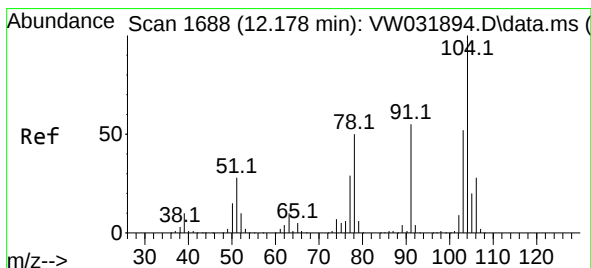
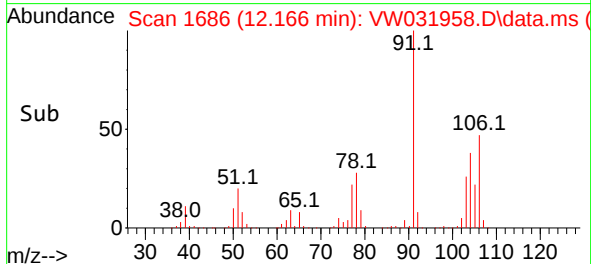
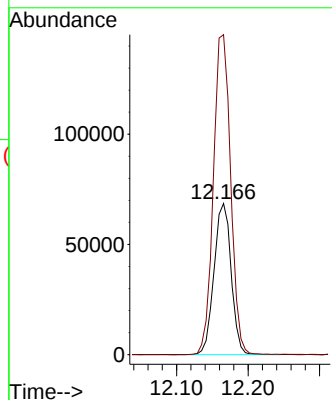
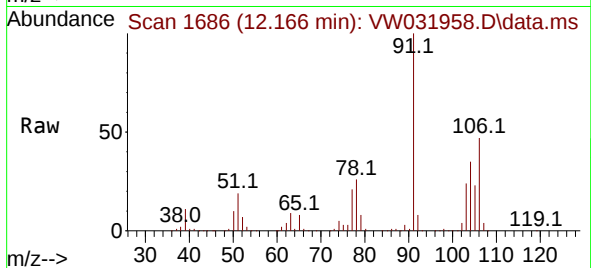




#69
o-Xylene
Concen: 19.072 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

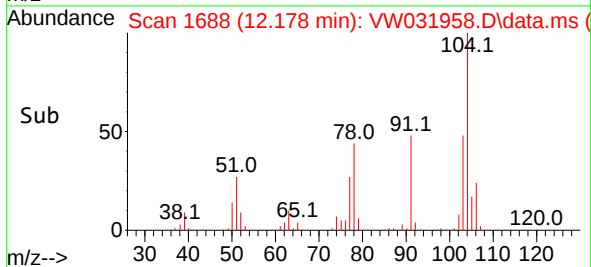
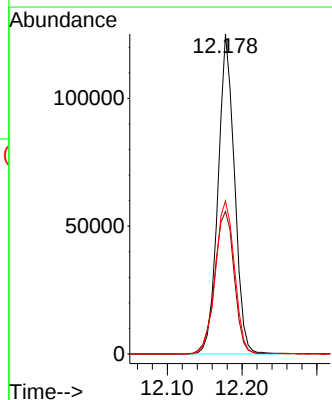
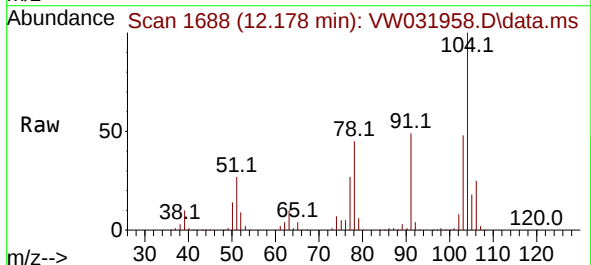
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

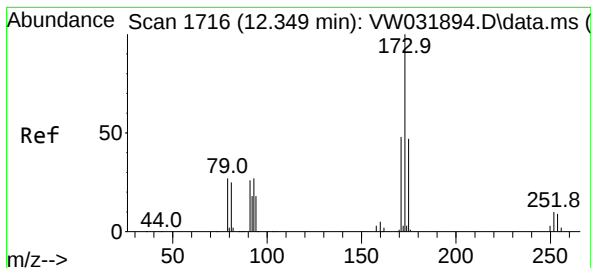
Tgt Ion:106 Resp: 114142
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6



#70
Styrene
Concen: 18.867 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:104 Resp: 192254
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 55.4 42.8 64.2





#71

Bromoform

Concen: 19.228 ug/l

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS01

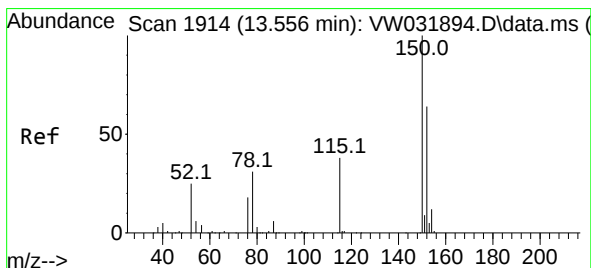
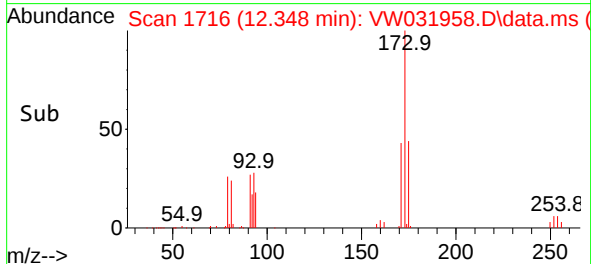
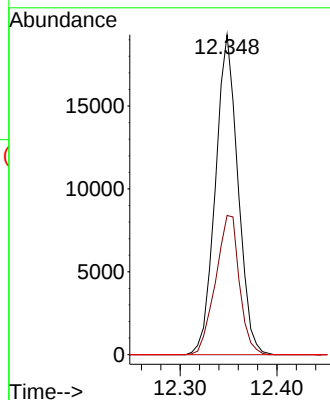
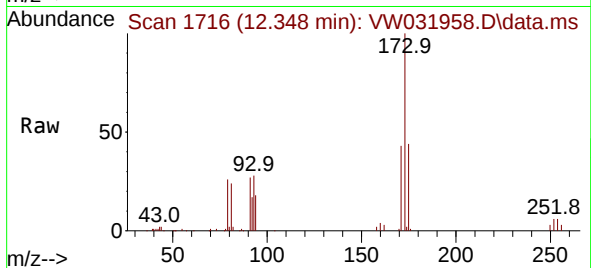
Tgt Ion:173 Resp: 31169

Ion Ratio Lower Upper

173 100

175 46.0 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: VW031958.D

Acq: 30 Jul 2025 13:09

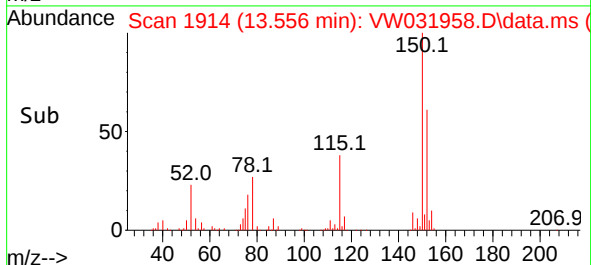
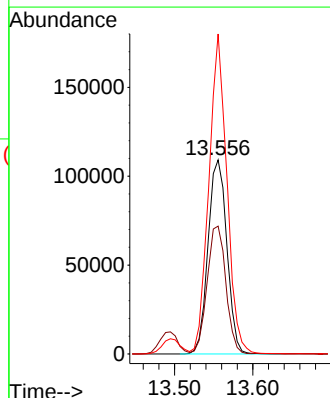
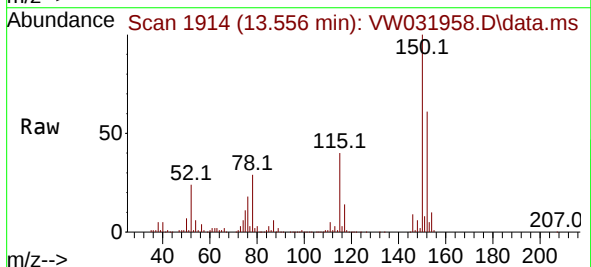
Tgt Ion:152 Resp: 182131

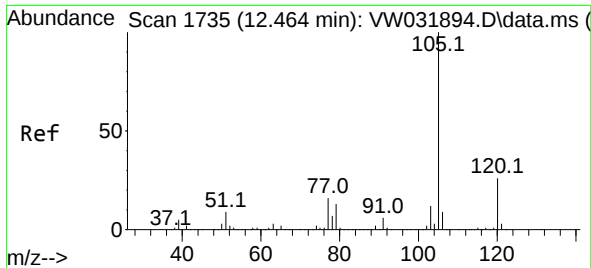
Ion Ratio Lower Upper

152 100

115 65.8 33.4 100.1

150 157.6 0.0 352.2

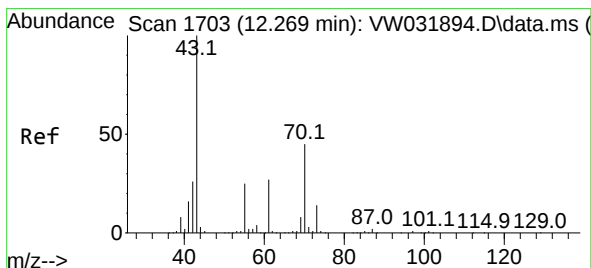
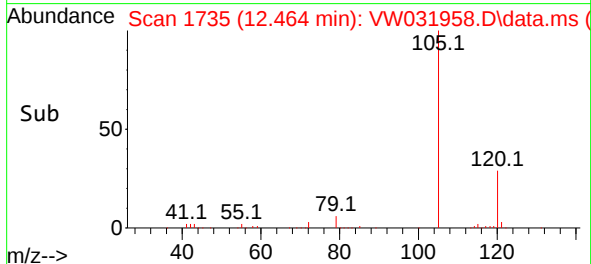
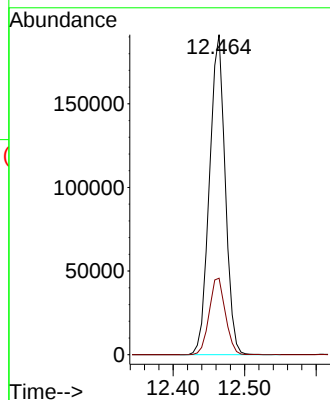
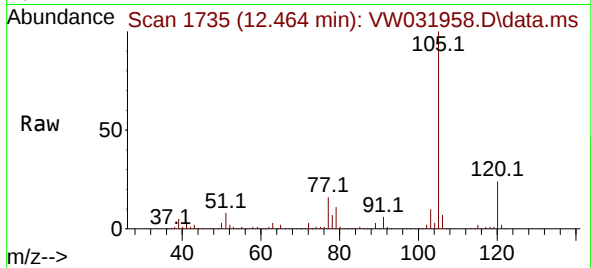




#73
Isopropylbenzene
Concen: 18.497 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

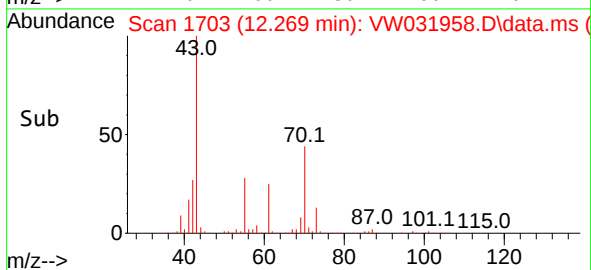
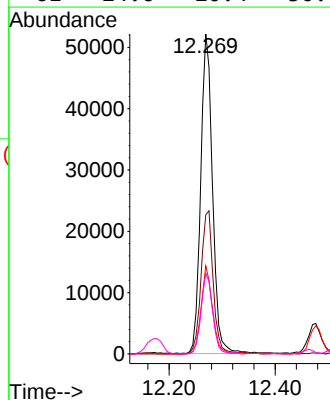
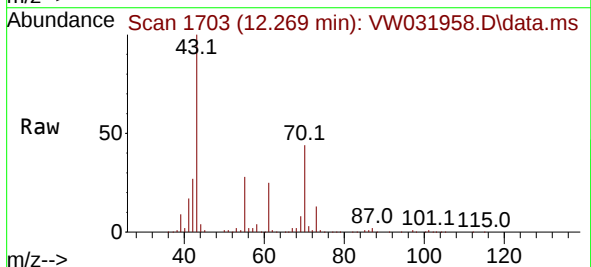
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS01

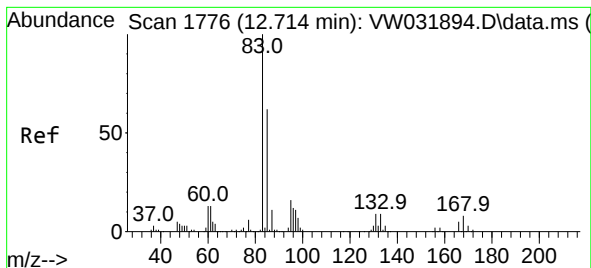
Tgt Ion:105 Resp: 292308
Ion Ratio Lower Upper
105 100
120 24.6 12.6 37.8



#74
N-ethyl acetate
Concen: 18.919 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 43 Resp: 80828
Ion Ratio Lower Upper
43 100
70 46.3 36.6 55.0
55 26.4 20.7 31.1
61 24.6 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.600 ug/l

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD01

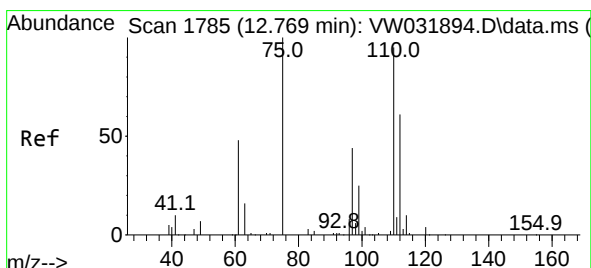
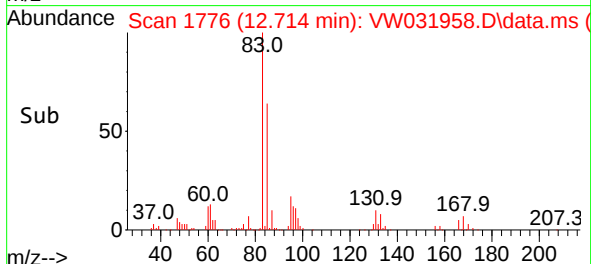
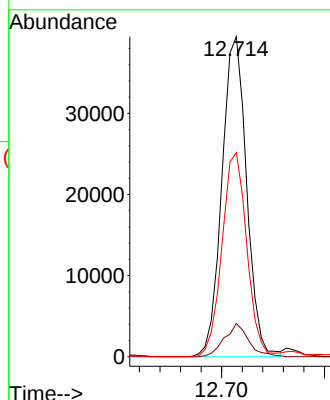
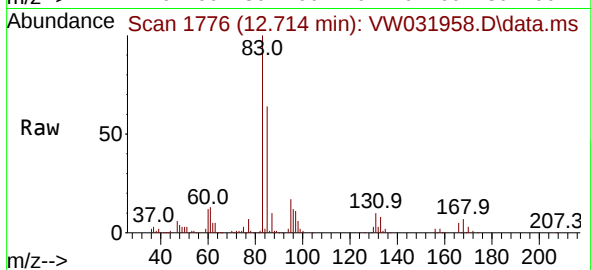
Tgt Ion: 83 Resp: 65746

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 63.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 32.445 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW031958.D

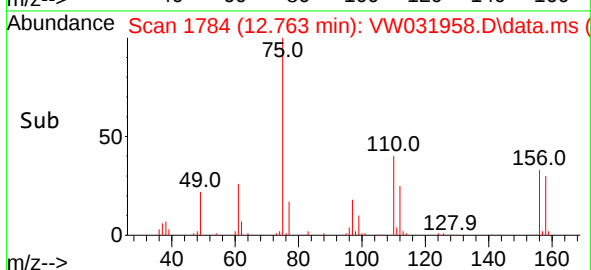
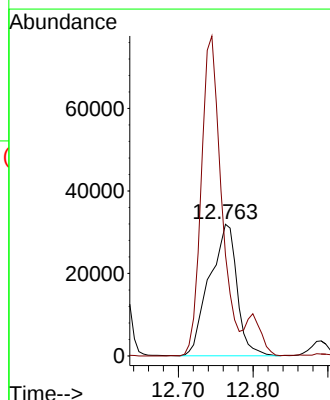
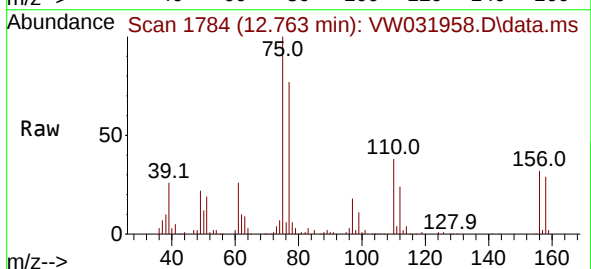
Acq: 30 Jul 2025 13:09

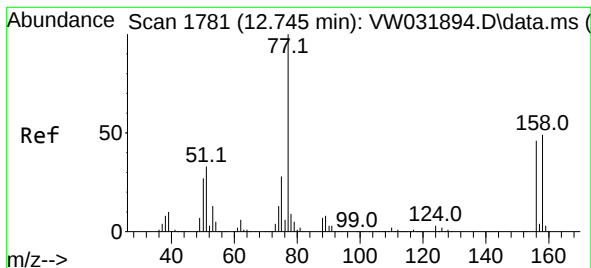
Tgt Ion: 75 Resp: 81587

Ion Ratio Lower Upper

75 100

77 177.7 0.0 0.0#





#77

Bromobenzene

Concen: 19.537 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD01

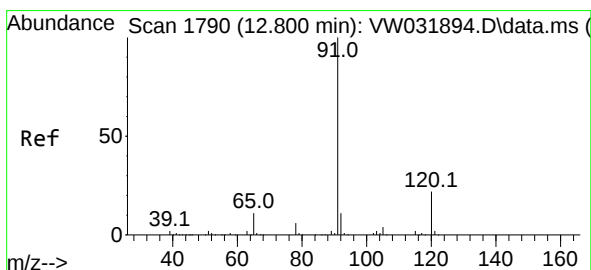
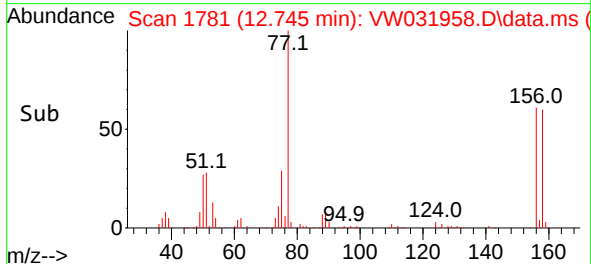
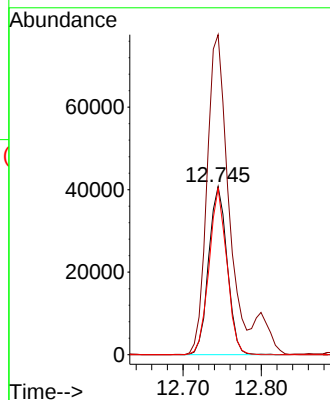
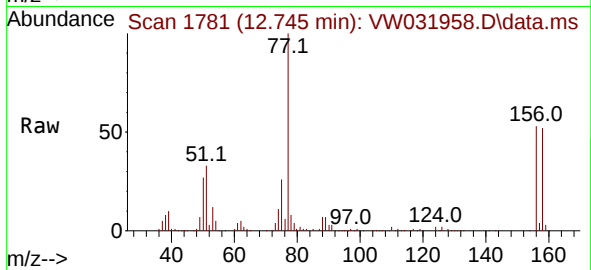
Tgt Ion:156 Resp: 66800

Ion Ratio Lower Upper

156 100

77 217.0 115.3 345.8

158 95.3 50.1 150.3



#78

n-propylbenzene

Concen: 18.717 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW031958.D

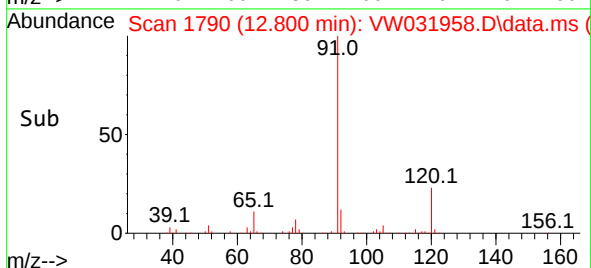
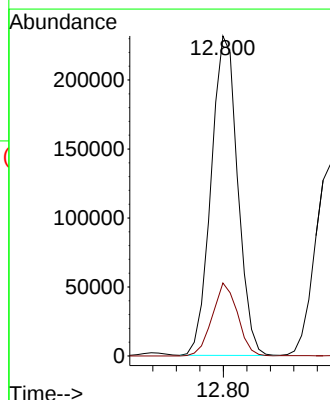
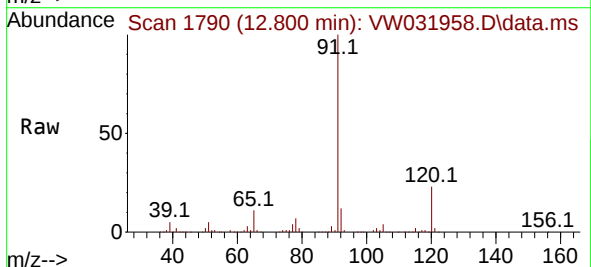
Acq: 30 Jul 2025 13:09

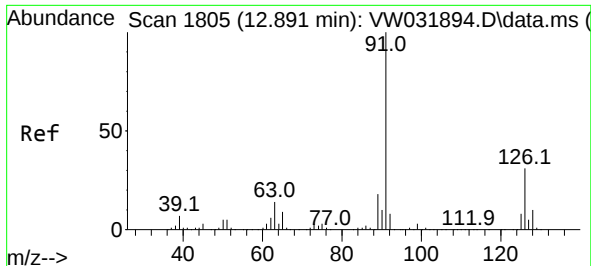
Tgt Ion: 91 Resp: 363268

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.6

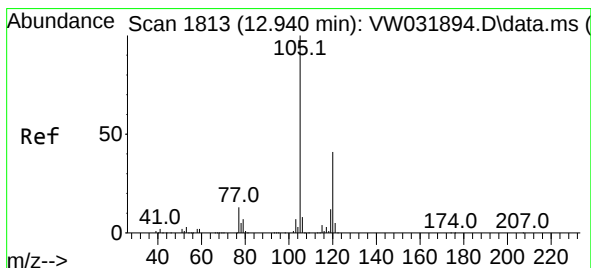
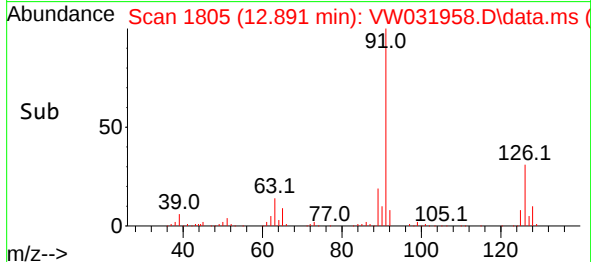
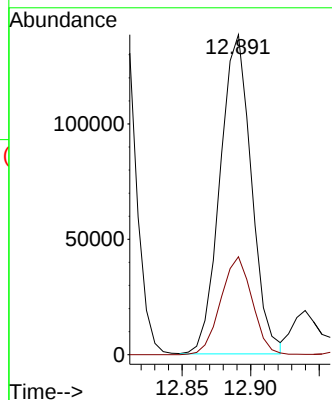
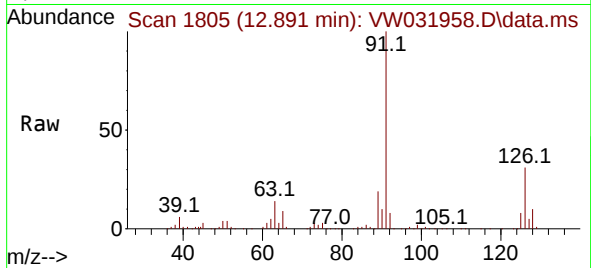




#79
2-Chlorotoluene
Concen: 19.010 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

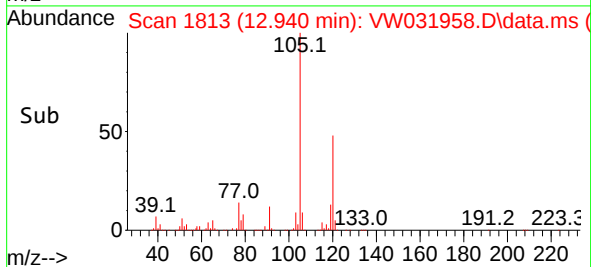
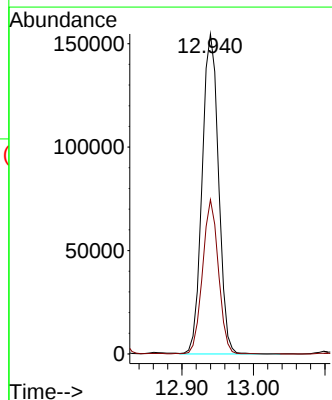
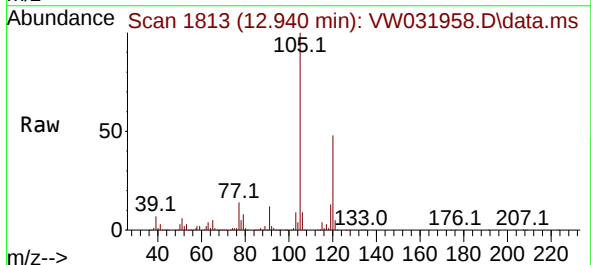
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBS01

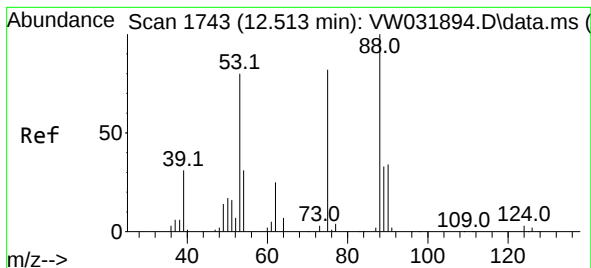
Tgt Ion: 91 Resp: 220291
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 18.607 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 105 Resp: 246611
Ion Ratio Lower Upper
105 100
120 46.6 23.5 70.5

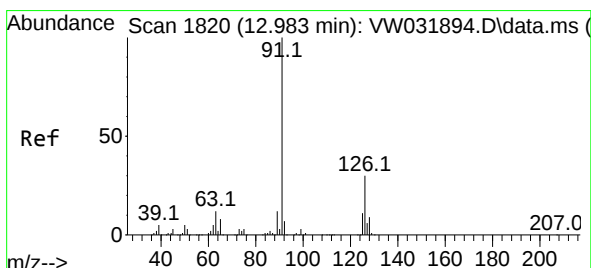
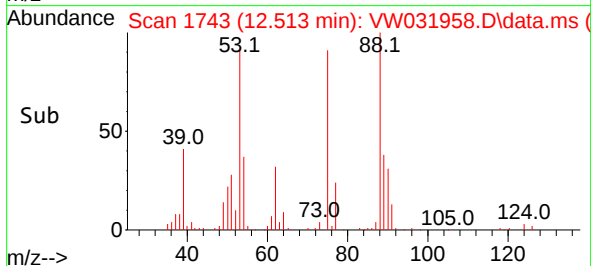
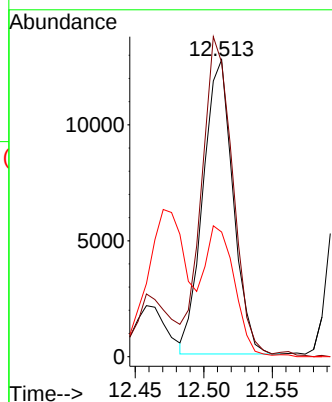
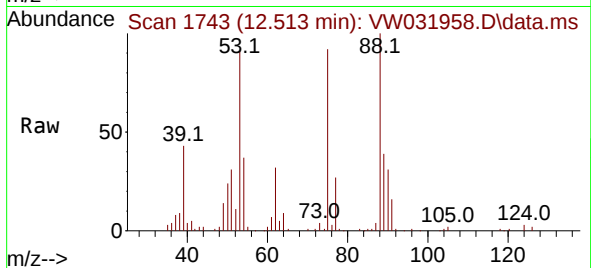




#81
trans-1,4-Dichloro-2-butene
Concen: 17.771 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

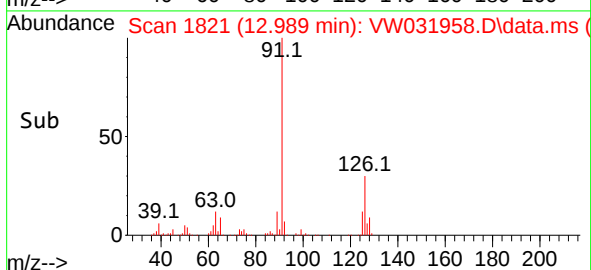
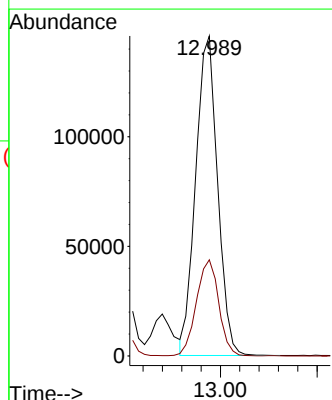
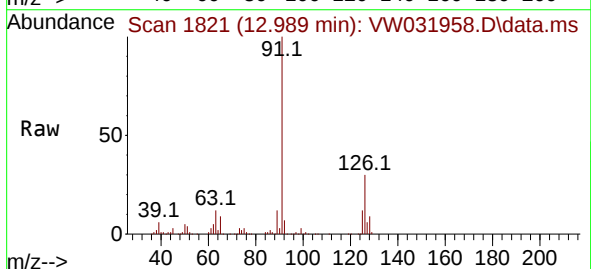
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

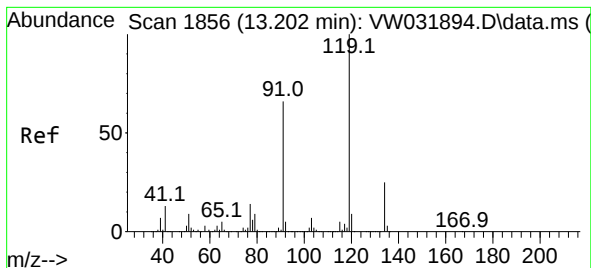
Tgt Ion: 75 Resp: 19356
Ion Ratio Lower Upper
75 100
53 113.3 83.7 125.5
89 43.7 39.0 58.6



#82
4-Chlorotoluene
Concen: 18.899 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 91 Resp: 229751
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.3

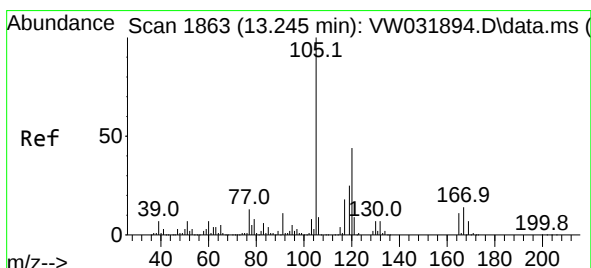
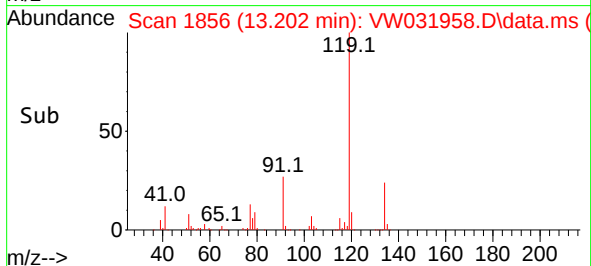
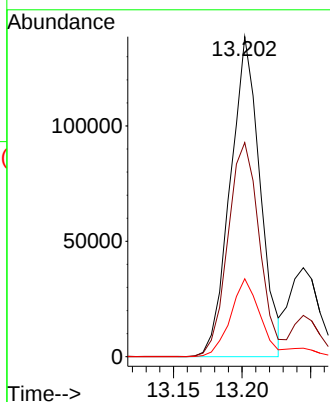
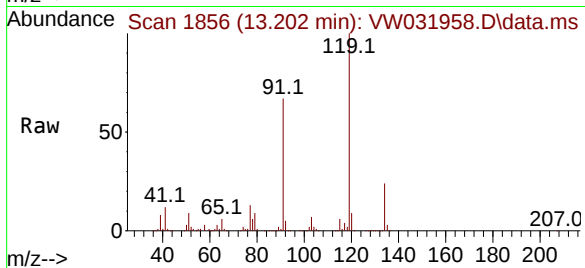




#83
tert-Butylbenzene
Concen: 18.583 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

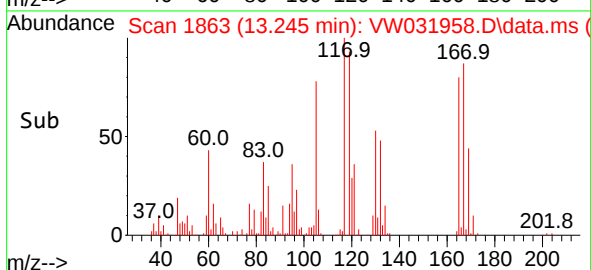
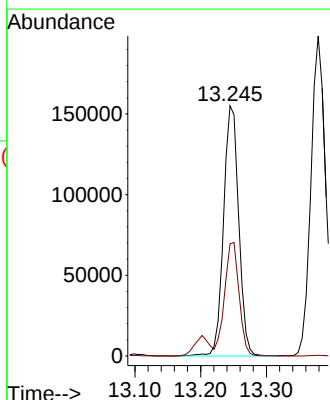
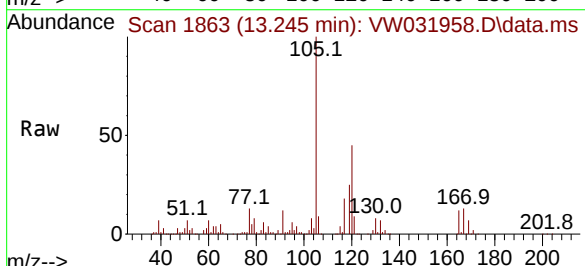
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

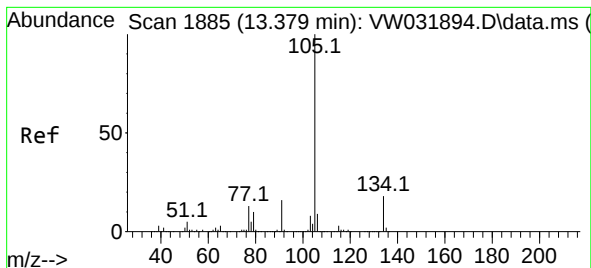
Tgt Ion:119 Resp: 209790
Ion Ratio Lower Upper
119 100
91 71.4 35.5 106.5
134 24.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 18.573 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:105 Resp: 249154
Ion Ratio Lower Upper
105 100
120 43.4 21.3 63.9





#85

sec-Butylbenzene

Concen: 17.991 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

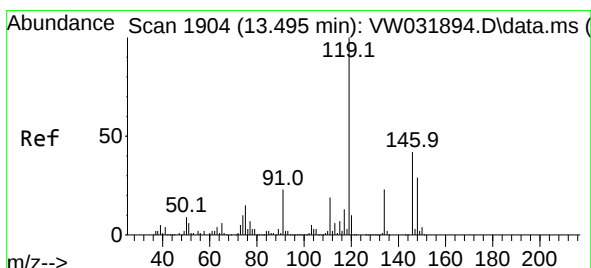
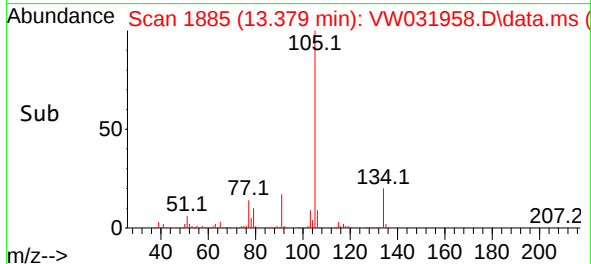
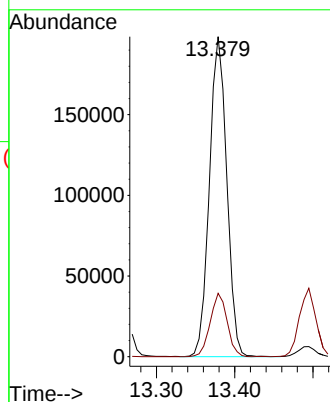
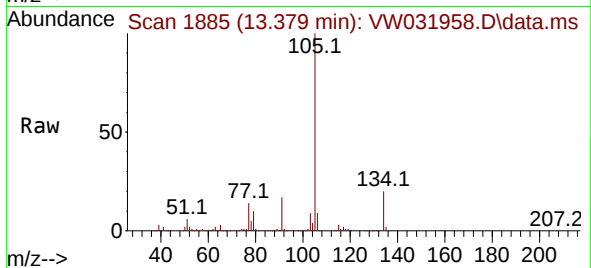
VW0730SBS01

Tgt Ion:105 Resp: 305019

Ion Ratio Lower Upper

105 100

134 19.3 9.2 27.6



#86

p-Isopropyltoluene

Concen: 18.260 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

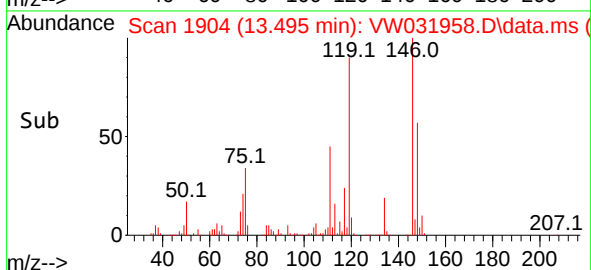
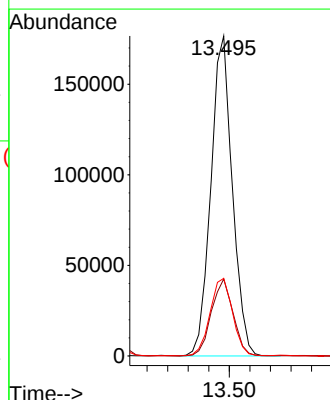
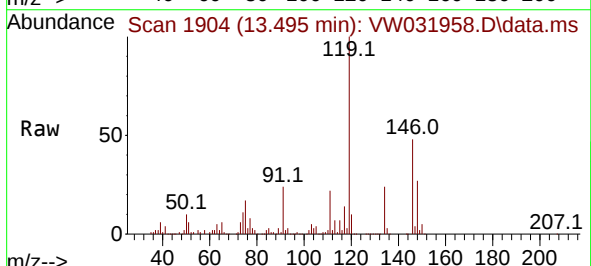
Tgt Ion:119 Resp: 255879

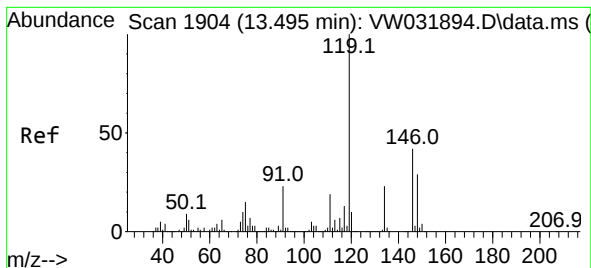
Ion Ratio Lower Upper

119 100

134 24.3 13.0 39.0

91 25.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 18.050 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS01

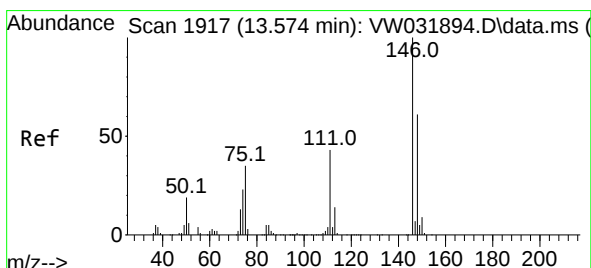
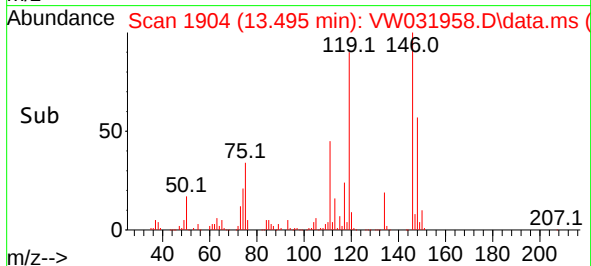
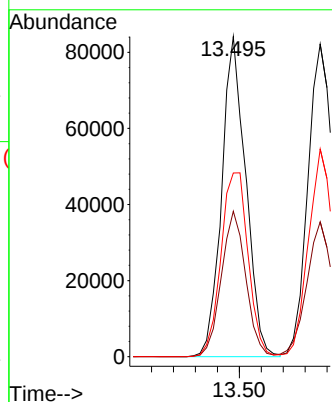
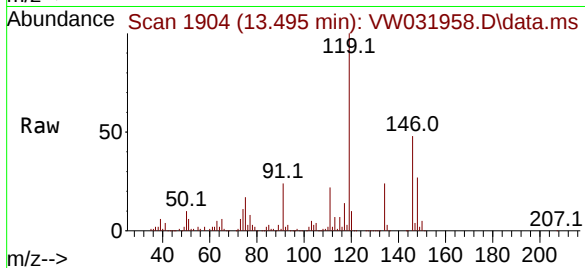
Tgt Ion:146 Resp: 128472

Ion Ratio Lower Upper

146 100

111 46.1 21.9 65.7

148 64.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.287 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

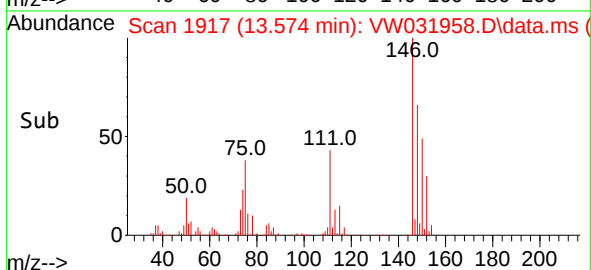
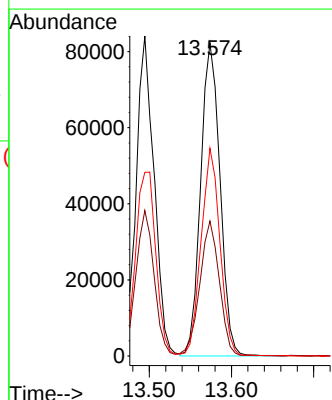
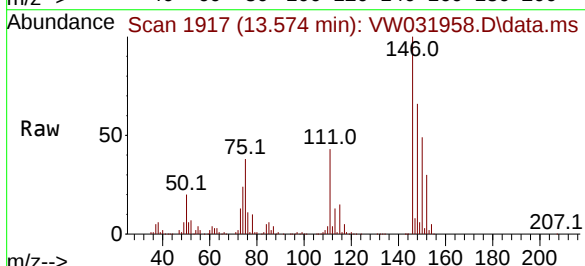
Tgt Ion:146 Resp: 134474

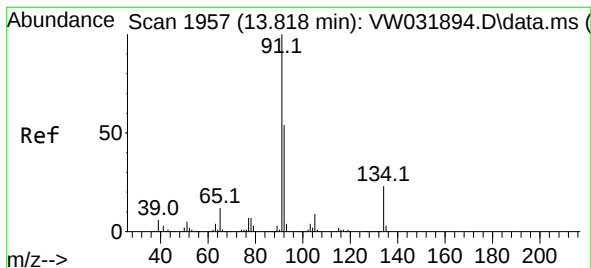
Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.3

148 64.8 31.8 95.3





#89

n-Butylbenzene

Concen: 18.051 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBSD01

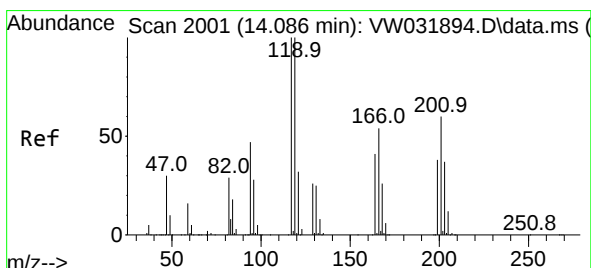
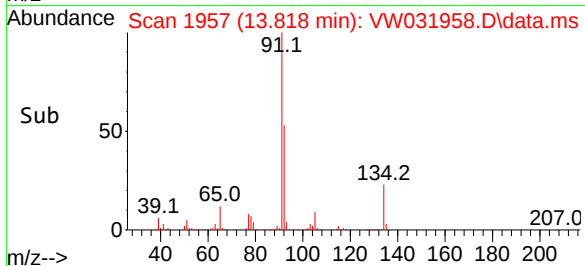
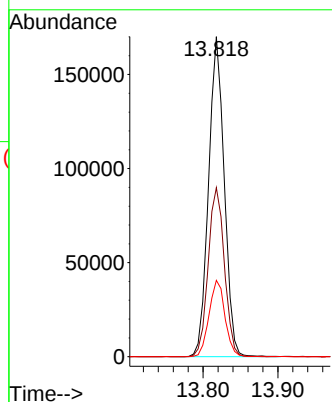
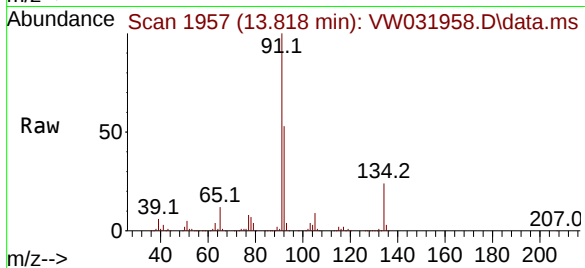
Tgt Ion: 91 Resp: 248148

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 24.2 11.6 34.7



#90

Hexachloroethane

Concen: 17.971 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW031958.D

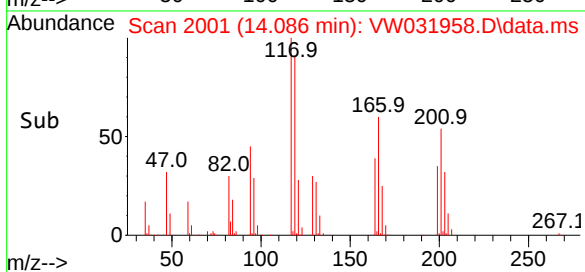
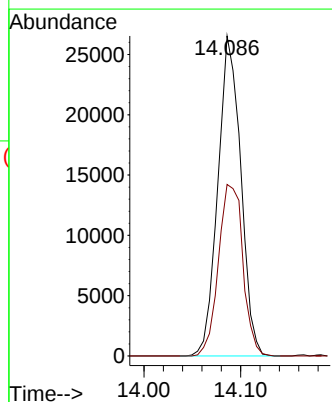
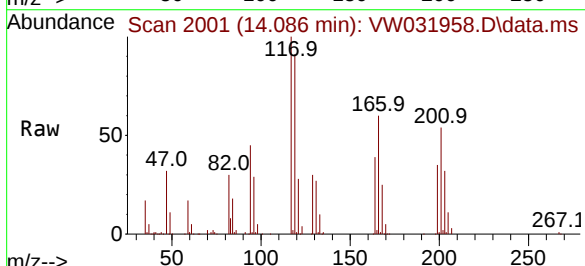
Acq: 30 Jul 2025 13:09

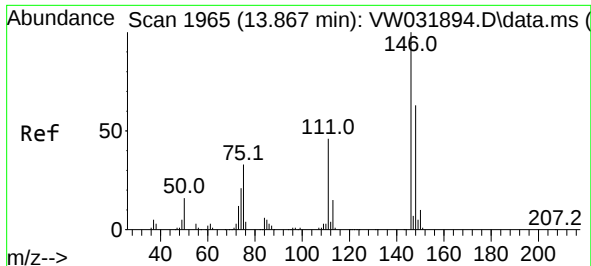
Tgt Ion: 117 Resp: 43547

Ion Ratio Lower Upper

117 100

201 57.1 28.4 85.2

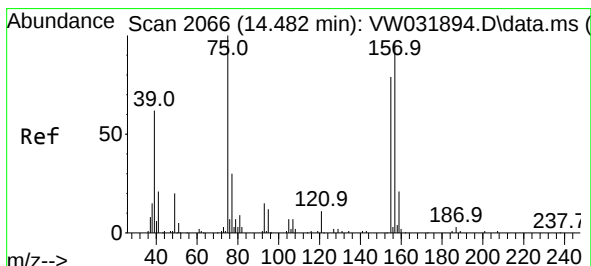
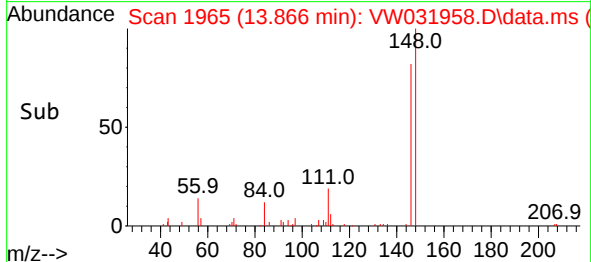
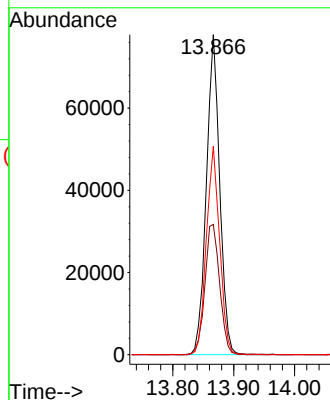
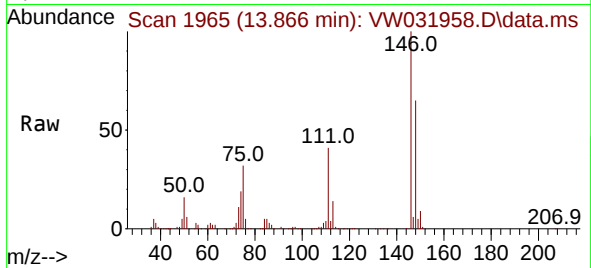




#91
1,2-Dichlorobenzene
Concen: 18.870 ug/l
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

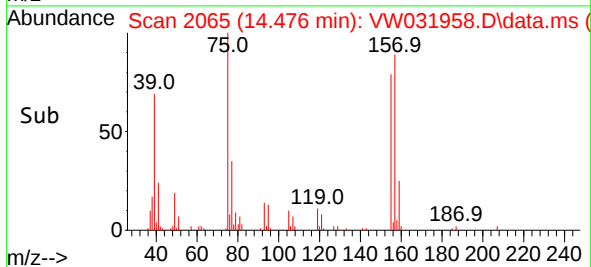
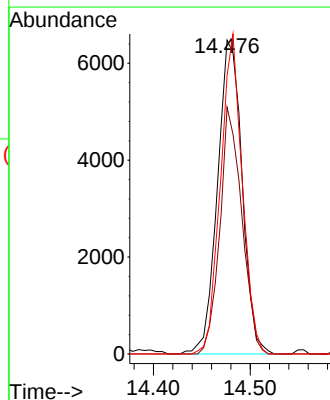
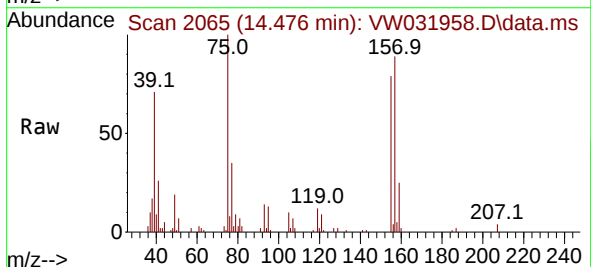
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

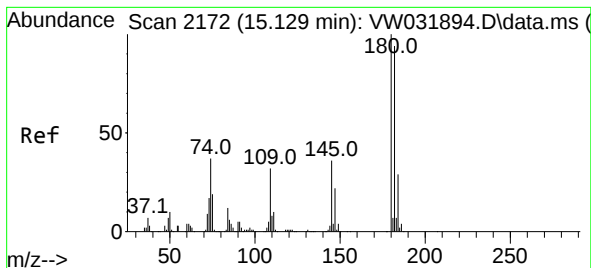
Tgt Ion:146 Resp: 119030
Ion Ratio Lower Upper
146 100
111 44.8 23.6 71.0
148 64.6 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.886 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion: 75 Resp: 11445
Ion Ratio Lower Upper
75 100
155 70.0 35.9 107.7
157 89.8 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 18.961 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBS01

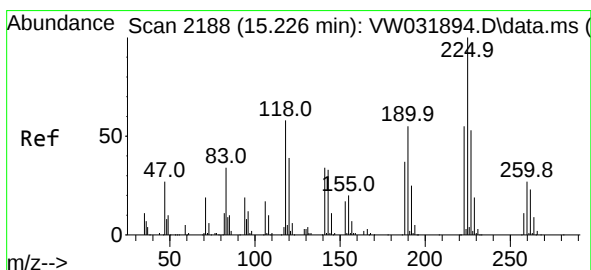
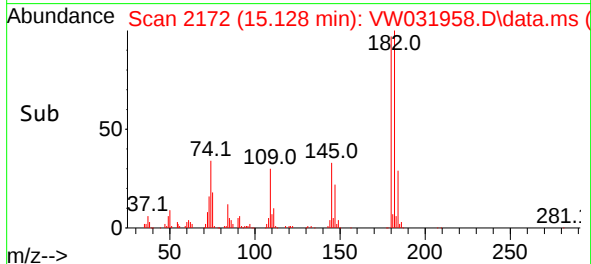
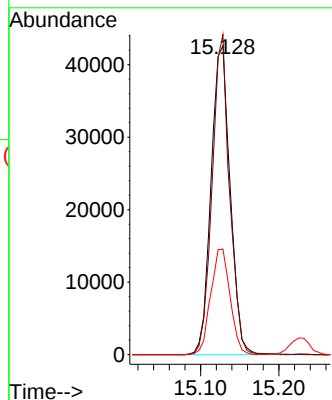
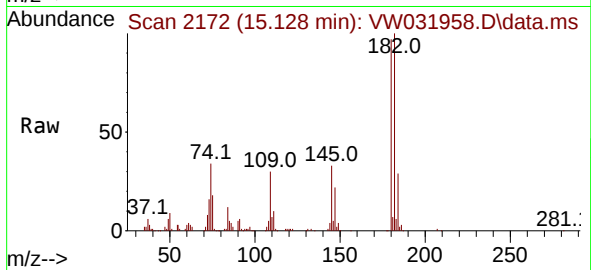
Tgt Ion:180 Resp: 72130

Ion Ratio Lower Upper

180 100

182 94.5 51.0 153.1

145 34.8 18.4 55.4



#94

Hexachlorobutadiene

Concen: 16.873 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW031958.D

Acq: 30 Jul 2025 13:09

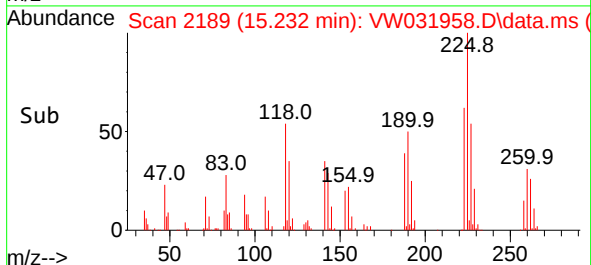
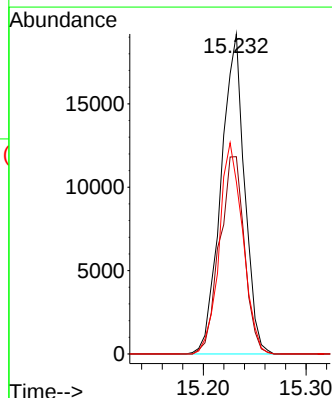
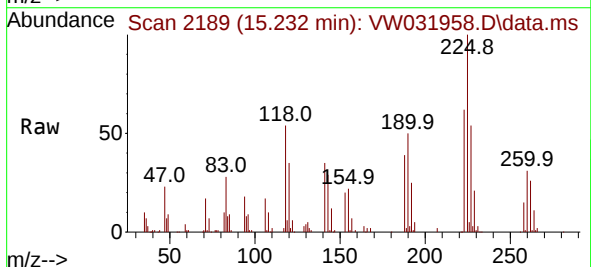
Tgt Ion:225 Resp: 30415

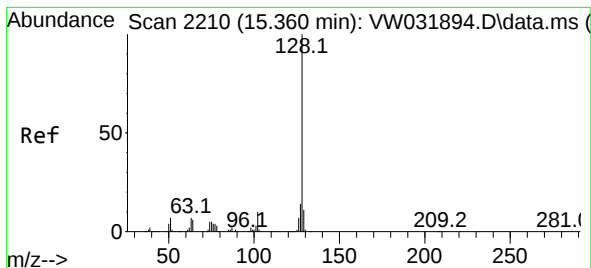
Ion Ratio Lower Upper

225 100

223 65.0 30.9 92.7

227 66.0 30.0 90.1

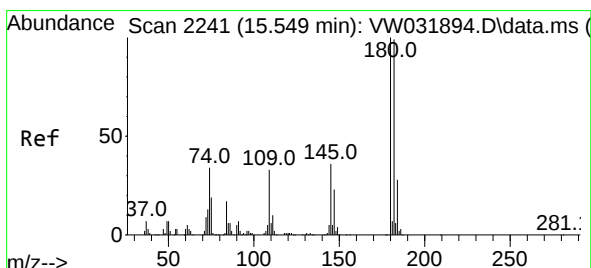
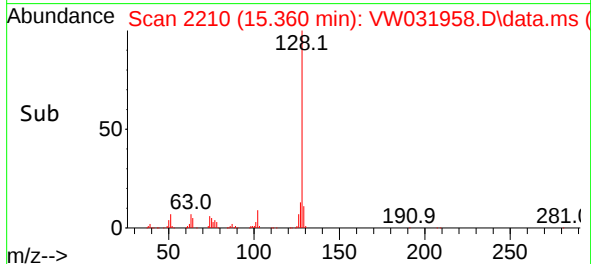
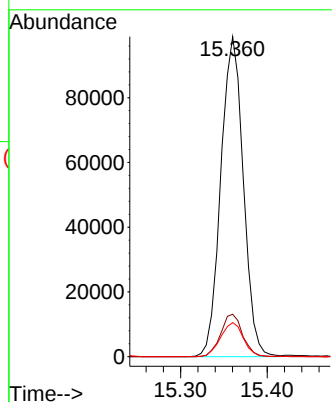
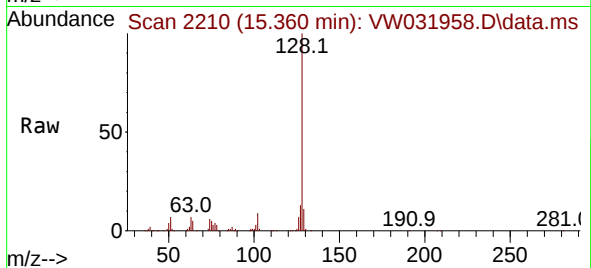




#95
Naphthalene
Concen: 19.070 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBSD01

Tgt Ion:128 Resp: 178354
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.9 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 18.567 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031958.D
Acq: 30 Jul 2025 13:09

Tgt Ion:180 Resp: 63995
Ion Ratio Lower Upper
180 100
182 95.3 50.4 151.2
145 36.0 18.6 55.8

