

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032038.D
 Acq On : 07 Aug 2025 12:20
 Operator : SY/MD
 Sample : VW0807SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBS01

Quant Time: Aug 08 04:06:25 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	7.965	168	222702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	401808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	364622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	176923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168804	50.106	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.220%	
35) Dibromofluoromethane	7.898	113	142090	52.041	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.080%	
50) Toluene-d8	10.325	98	538568	52.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	12.617	95	202947	51.148	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	27676	16.721	ug/l	98
3) Chloromethane	2.253	50	39468	18.578	ug/l	99
4) Vinyl Chloride	2.405	62	46740	16.937	ug/l	100
5) Bromomethane	2.820	94	34996	17.221	ug/l	97
6) Chloroethane	2.972	64	33116	18.182	ug/l	92
7) Trichlorofluoromethane	3.301	101	43549	15.580	ug/l	95
8) Diethyl Ether	3.722	74	33694	18.046	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.088	101	19659	7.312	ug/l #	1
10) Methyl Iodide	4.314	142	68202	16.967	ug/l	100
11) Tert butyl alcohol	5.222	59	23537	118.856	ug/l	99
12) 1,1-Dichloroethene	4.076	96	54876	18.480	ug/l	87
13) Acrolein	3.936	56	13663	41.525	ug/l	96
14) Allyl chloride	4.704	41	77624	16.792	ug/l	100
15) Acrylonitrile	5.399	53	84474	101.197	ug/l	98
16) Acetone	4.161	43	95219	119.109	ug/l	97
17) Carbon Disulfide	4.423	76	124628	16.182	ug/l	98
18) Methyl Acetate	4.710	43	44414	20.166	ug/l	98
19) Methyl tert-butyl Ether	5.472	73	97759	19.053	ug/l	98
20) Methylene Chloride	4.954	84	74163	18.785	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	56219	17.843	ug/l	96
22) Diisopropyl ether	6.344	45	175847	19.011	ug/l	97
23) Vinyl Acetate	6.283	43	578730	95.766	ug/l	98
24) 1,1-Dichloroethane	6.240	63	109565	19.024	ug/l	98
25) 2-Butanone	7.191	43	118382	108.230	ug/l	96
26) 2,2-Dichloropropane	7.191	77	57300	17.574	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	71740	19.368	ug/l	98
28) Bromochloromethane	7.532	49	43556	18.063	ug/l	97
29) Tetrahydrofuran	7.551	42	72776	101.483	ug/l	98
30) Chloroform	7.697	83	118741	19.664	ug/l	100
31) Cyclohexane	7.971	56	93781	18.151	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	85026	18.504	ug/l	100
36) 1,1-Dichloropropene	8.093	75	80214	19.130	ug/l	100
37) Ethyl Acetate	7.276	43	46880	19.599	ug/l	96
38) Carbon Tetrachloride	8.081	117	77958	19.373	ug/l	95
39) Methylcyclohexane	9.343	83	98528	18.672	ug/l	98
40) Benzene	8.337	78	249353	20.089	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	26083	18.216	ug/l #	88
42) 1,2-Dichloroethane	8.410	62	79933	20.122	ug/l	100
43) Isopropyl Acetate	8.441	43	86742	20.032	ug/l	98
44) Trichloroethene	9.099	130	60004	20.338	ug/l	98
45) 1,2-Dichloropropane	9.374	63	59675	19.963	ug/l	96
46) Dibromomethane	9.465	93	38008	20.511	ug/l	97
47) Bromodichloromethane	9.654	83	89640	20.174	ug/l	98
48) Methyl methacrylate	9.441	41	41857	20.318	ug/l	98
49) 1,4-Dioxane	9.459	88	10159	549.429	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	254250	107.287	ug/l	99
52) Toluene	10.392	92	163597	20.503	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	83153	19.509	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	93586	19.226	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	52004	21.128	ug/l	96
56) Ethyl methacrylate	10.648	69	71431	20.548	ug/l	100
57) 1,3-Dichloropropane	10.934	76	89266	20.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	158256	88.629	ug/l	98
59) 2-Hexanone	10.971	43	173610	105.394	ug/l	98
60) Dibromochloromethane	11.129	129	57601	20.071	ug/l	99
61) 1,2-Dibromoethane	11.233	107	49604	20.395	ug/l	99
64) Tetrachloroethene	10.861	164	47561	19.784	ug/l	92
65) Chlorobenzene	11.660	112	171341	19.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	55304	19.990	ug/l	98
67) Ethyl Benzene	11.733	91	310524	19.805	ug/l	98
68) m/p-Xylenes	11.837	106	232839	39.447	ug/l	98
69) o-Xylene	12.166	106	110605	19.800	ug/l	100
70) Styrene	12.184	104	194305	20.430	ug/l	99
71) Bromoform	12.349	173	29970	19.808	ug/l #	99
73) Isopropylbenzene	12.464	105	282323	18.391	ug/l	99
74) N-amyl acetate	12.269	43	81433	19.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	64731	19.866	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	80964	33.145	ug/l #	100
77) Bromobenzene	12.745	156	64620	19.455	ug/l	94
78) n-propylbenzene	12.800	91	361194	19.158	ug/l	99
79) 2-Chlorotoluene	12.891	91	213575	18.973	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	242025	18.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	19329	18.269	ug/l	92
82) 4-Chlorotoluene	12.983	91	227385	19.255	ug/l	98
83) tert-Butylbenzene	13.202	119	204705	18.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	247279	18.976	ug/l	97
85) sec-Butylbenzene	13.379	105	314300	19.084	ug/l	100
86) p-Isopropyltoluene	13.495	119	254465	18.693	ug/l	100
87) 1,3-Dichlorobenzene	13.501	146	134403	19.440	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	136912	20.215	ug/l	98
89) n-Butylbenzene	13.818	91	255398	19.126	ug/l	99
90) Hexachloroethane	14.086	117	43546	18.500	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	121255	19.789	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10864	18.455	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	71058	19.229	ug/l	91
94) Hexachlorobutadiene	15.226	225	29810	17.024	ug/l	89
95) Naphthalene	15.360	128	176347	19.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	66726	19.930	ug/l	93

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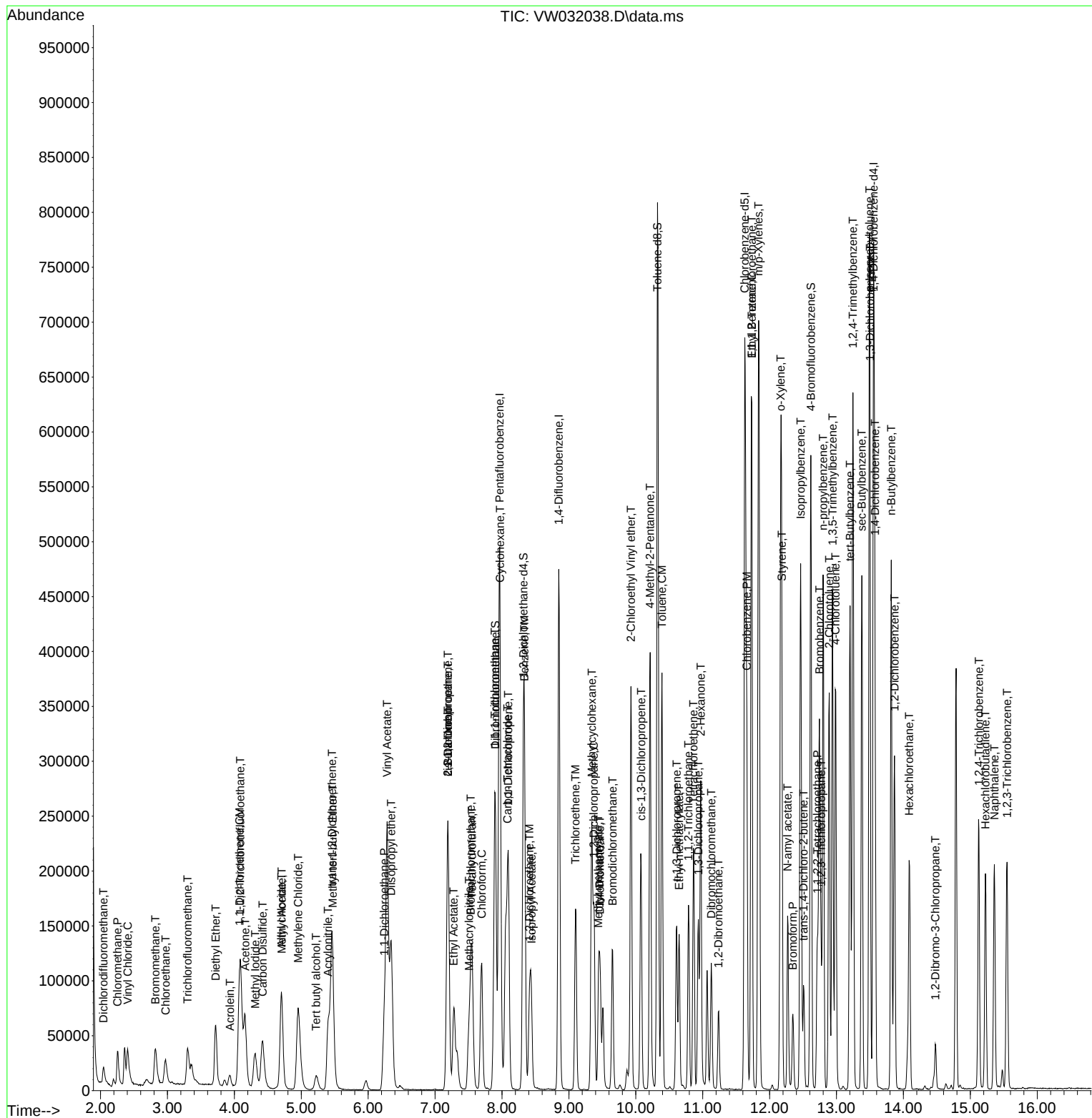
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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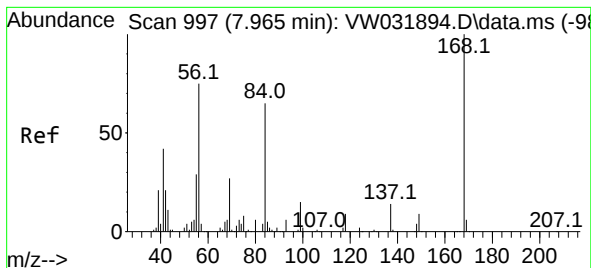
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032038.D

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Instrument :

MSVOA_W

ClientSampleId :

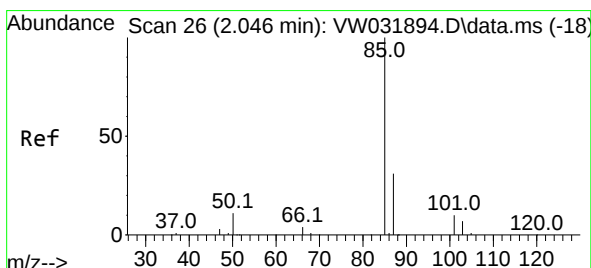
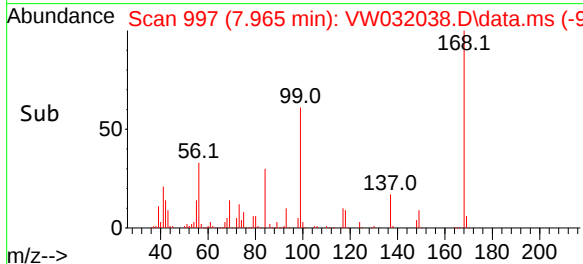
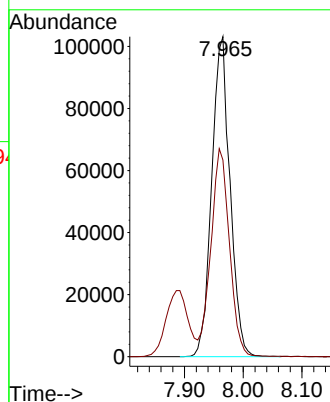
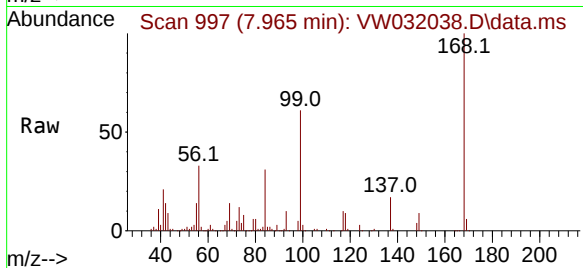
VW0807SBS01

Tgt Ion:168 Resp: 222702

Ion Ratio Lower Upper

168 100

99 61.3 48.2 72.2



#2

Dichlorodifluoromethane

Concen: 16.721 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.000 min

Lab File: VW032038.D

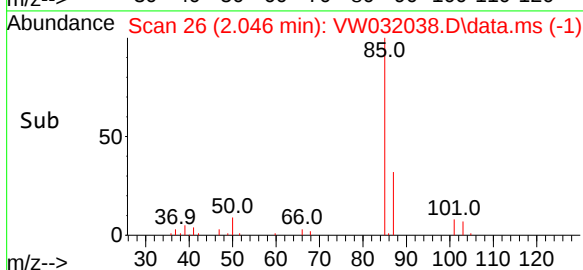
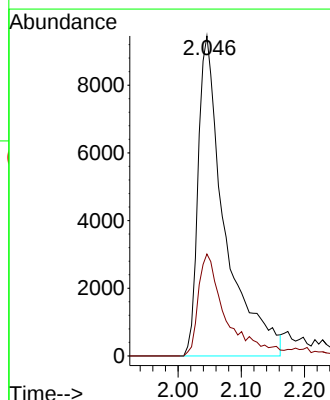
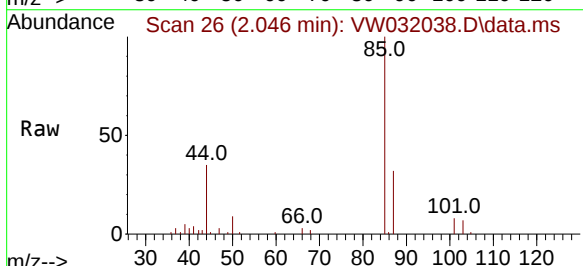
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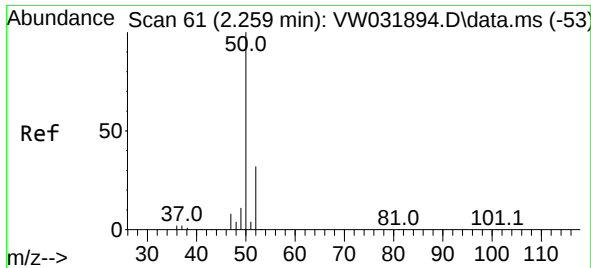
Tgt Ion: 85 Resp: 27676

Ion Ratio Lower Upper

85 100

87 31.8 15.5 46.5

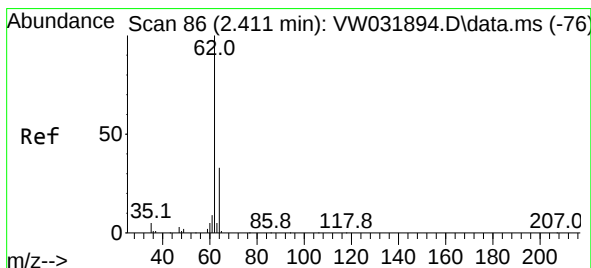
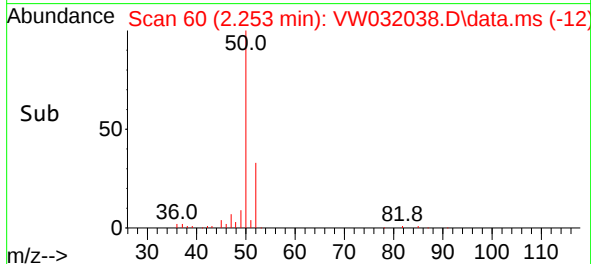
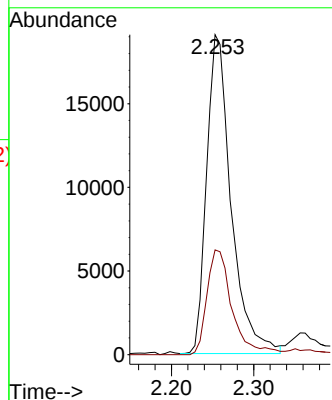
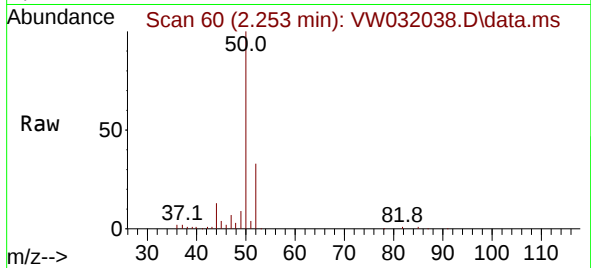




#3
Chloromethane
Concen: 18.578 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

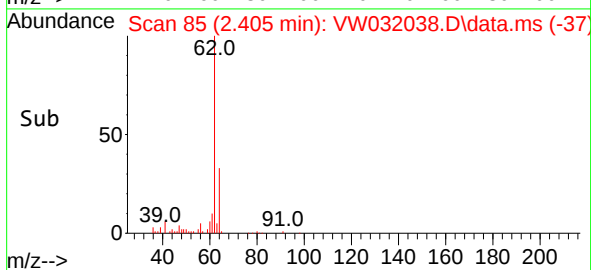
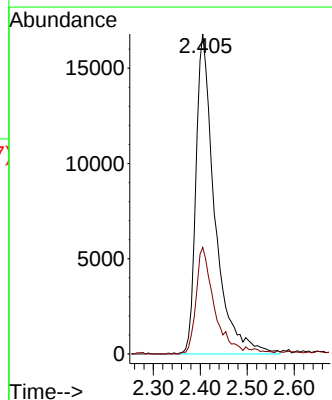
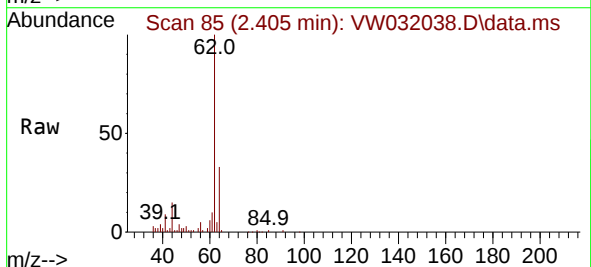
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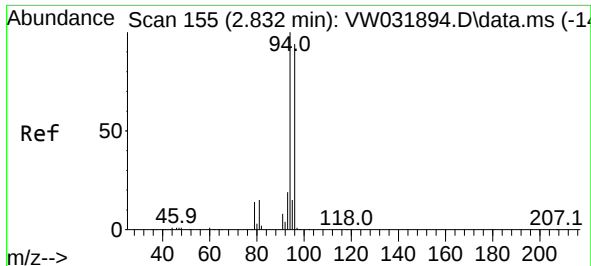
Tgt Ion: 50 Resp: 39468
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5



#4
Vinyl Chloride
Concen: 16.937 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 62 Resp: 46740
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2

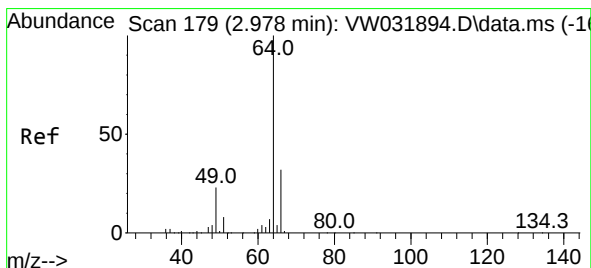
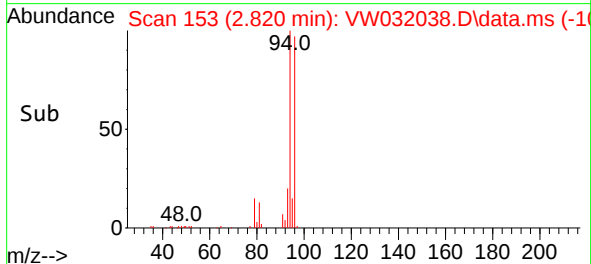
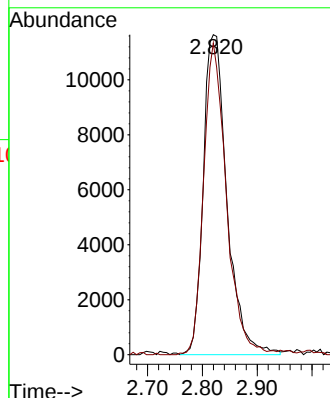
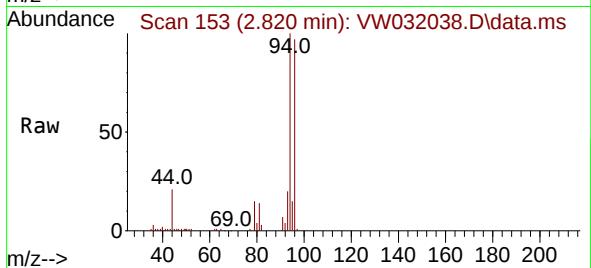




#5
Bromomethane
Concen: 17.221 ug/l
RT: 2.820 min Scan# 153
Delta R.T. -0.012 min
Lab File: VW032038.D
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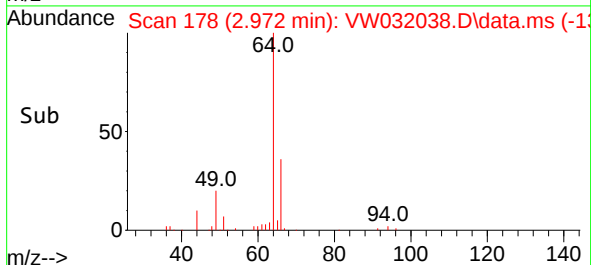
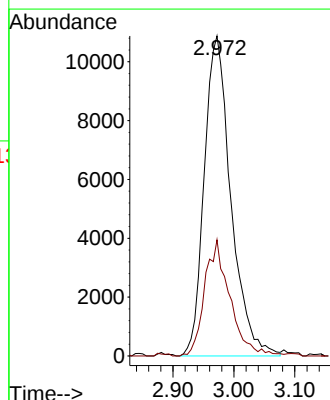
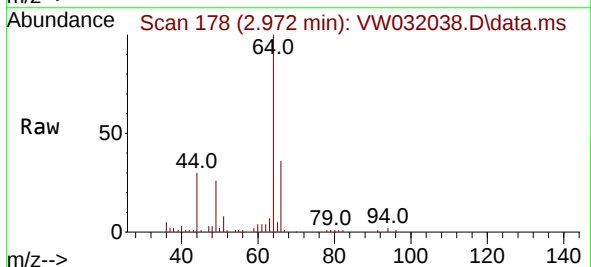
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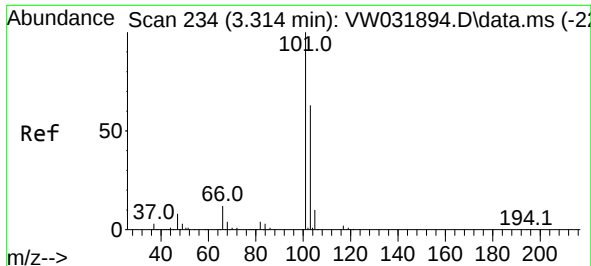
Tgt Ion: 94 Resp: 34996
Ion Ratio Lower Upper
94 100
96 96.9 75.0 112.6



#6
Chloroethane
Concen: 18.182 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW032038.D
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Tgt Ion: 64 Resp: 33116
Ion Ratio Lower Upper
64 100
66 36.3 25.6 38.4

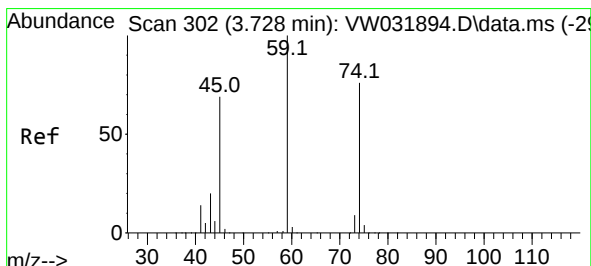
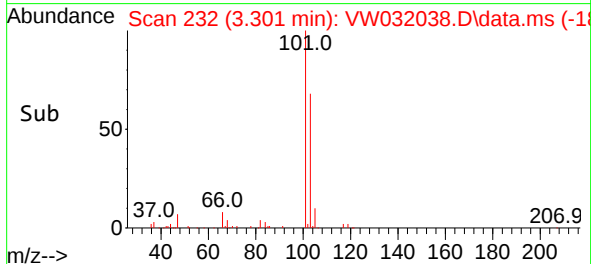
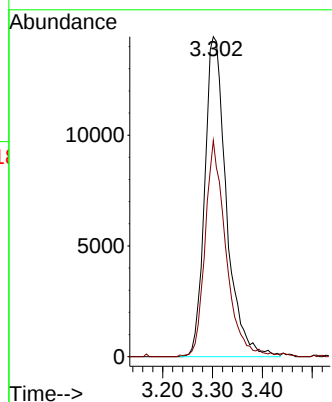
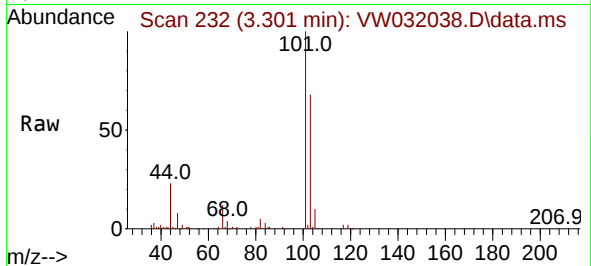




#7
 Trichlorofluoromethane
 Concen: 15.580 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

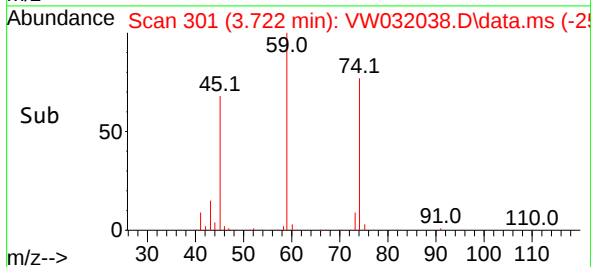
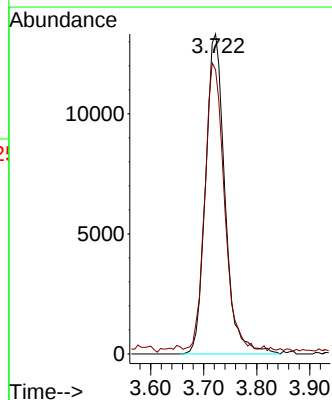
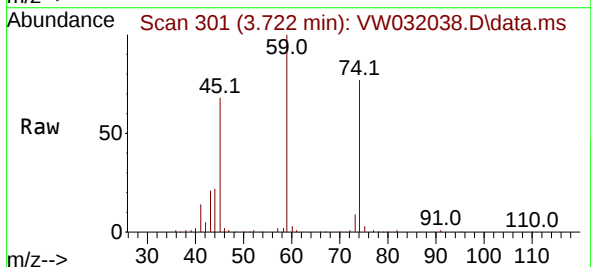
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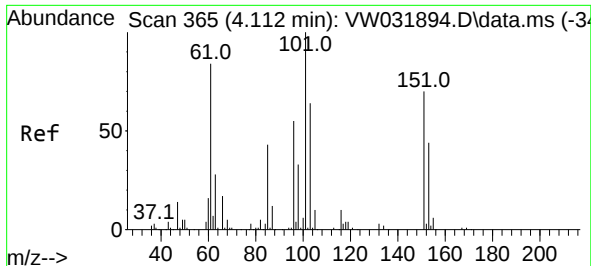
Tgt Ion:101 Resp: 43549
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.046 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 33694
 Ion Ratio Lower Upper
 74 100
 45 90.8 45.5 136.5

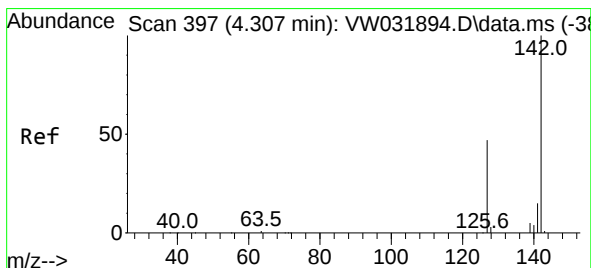
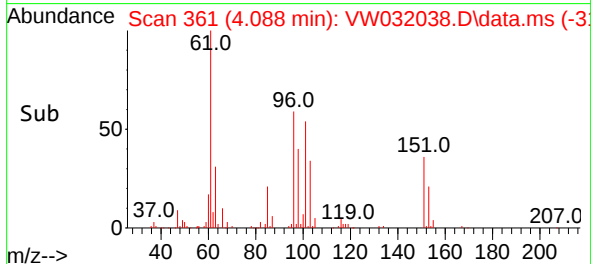
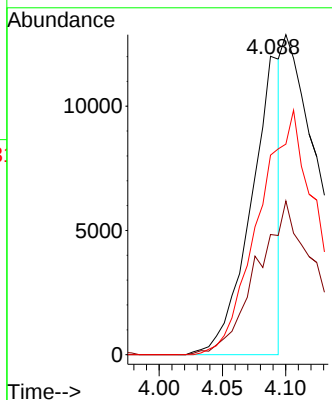
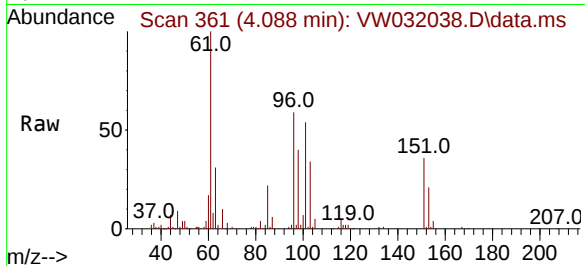




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.312 ug/l
RT: 4.088 min Scan# 361
Delta R.T. -0.024 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

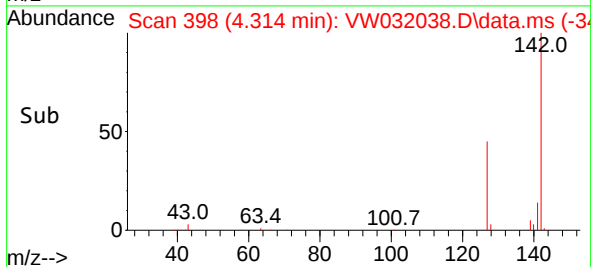
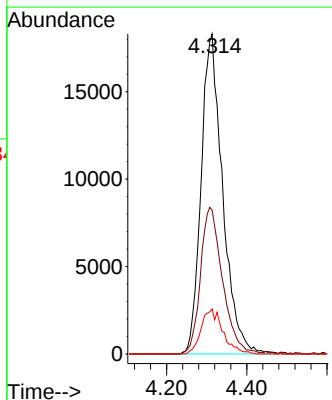
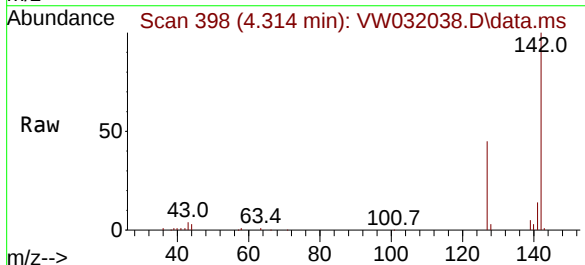
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

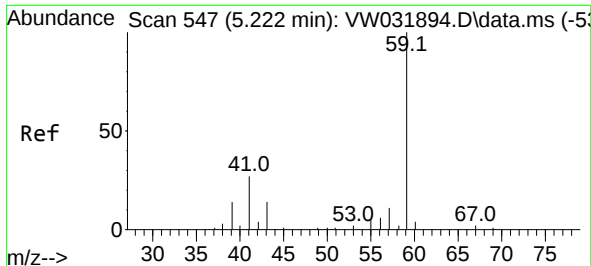
Tgt Ion:101 Resp: 19659
Ion Ratio Lower Upper
101 100
85 114.0 35.5 53.3#
151 184.1 54.6 81.8#



#10
Methyl Iodide
Concen: 16.967 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion:142 Resp: 68202
Ion Ratio Lower Upper
142 100
127 46.8 37.4 56.2
141 14.2 11.9 17.9

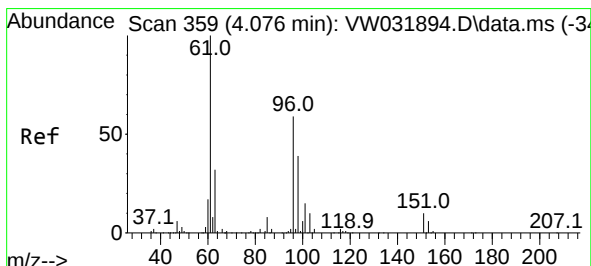
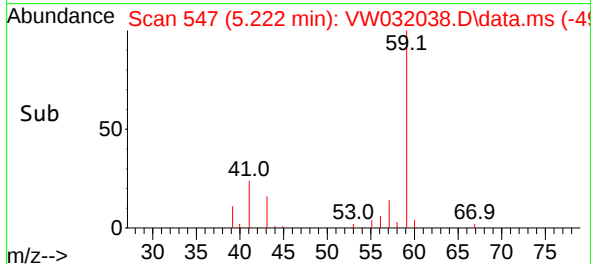
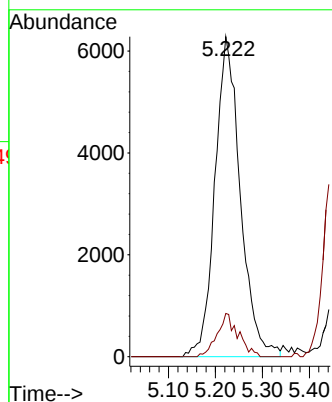
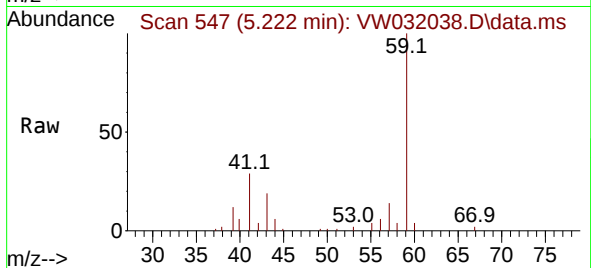




#11
Tert butyl alcohol
Concen: 118.856 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

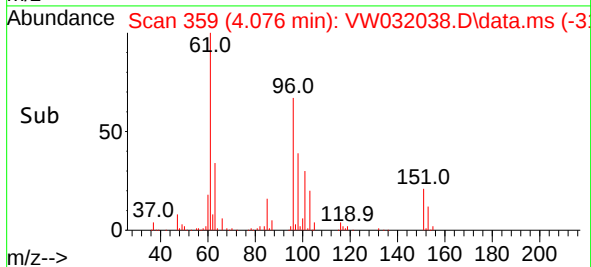
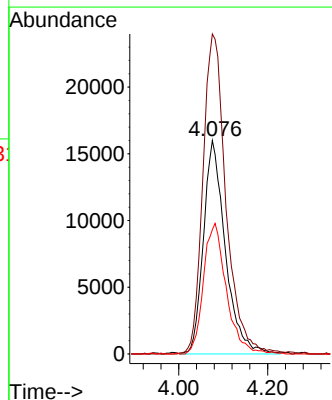
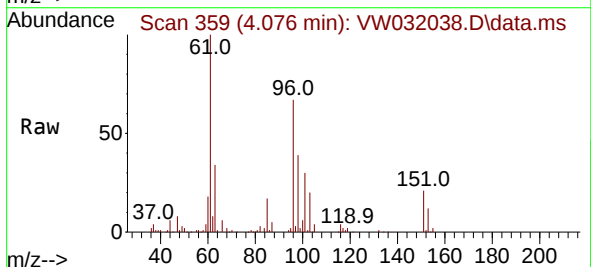
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

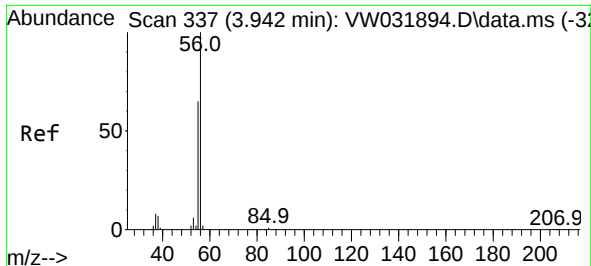
Tgt Ion: 59 Resp: 23537
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.480 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 96 Resp: 54876
Ion Ratio Lower Upper
96 100
61 149.4 135.0 202.6
98 58.2 52.3 78.5

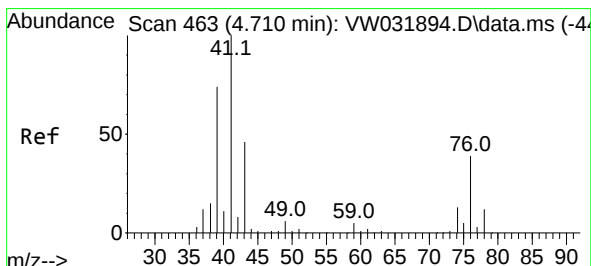
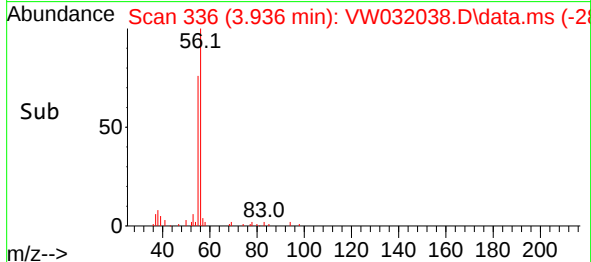
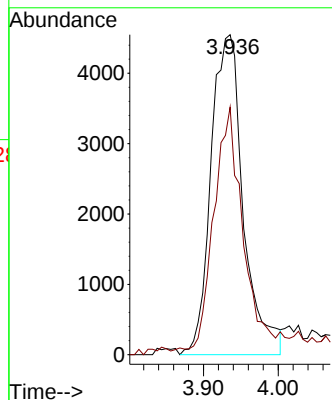
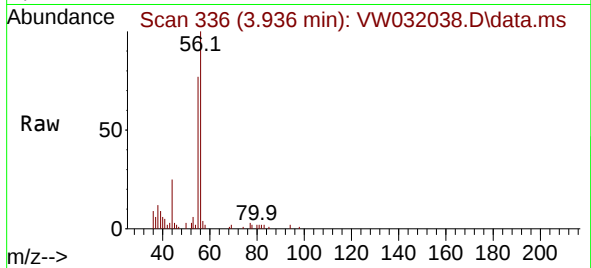




#13
Acrolein
Concen: 41.525 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

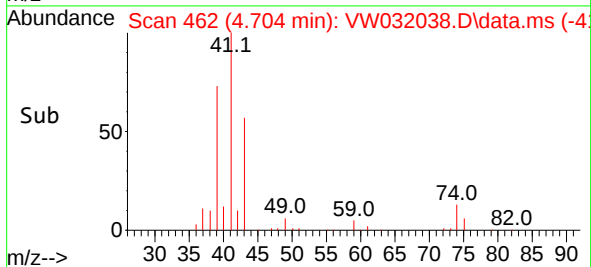
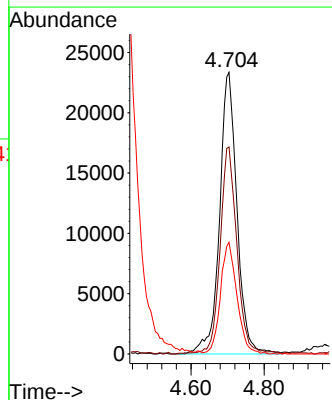
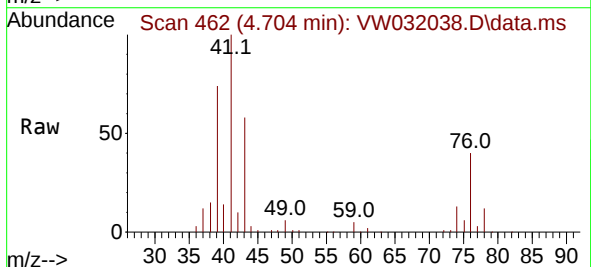
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

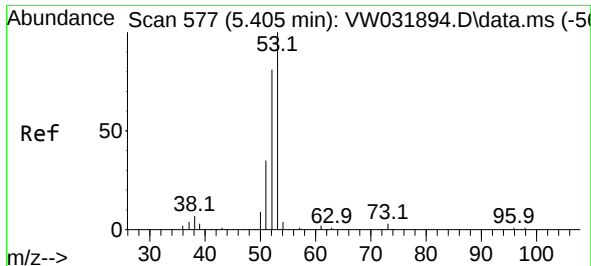
Tgt Ion: 56 Resp: 13663
Ion Ratio Lower Upper
56 100
55 67.9 56.7 85.1



#14
Allyl chloride
Concen: 16.792 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 41 Resp: 77624
Ion Ratio Lower Upper
41 100
39 70.5 56.6 85.0
76 37.5 30.1 45.1

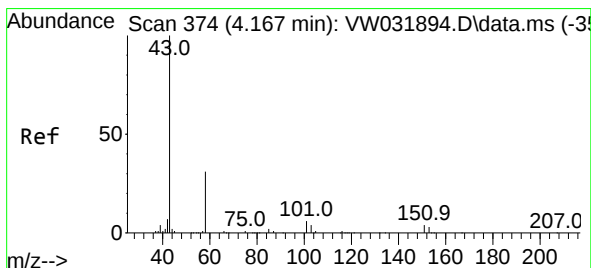
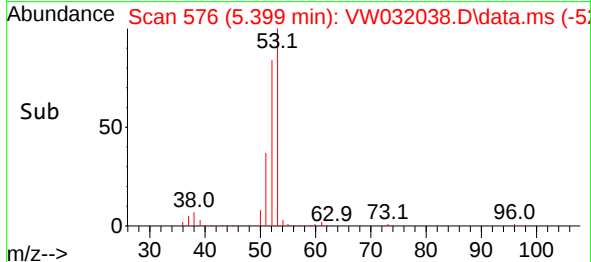
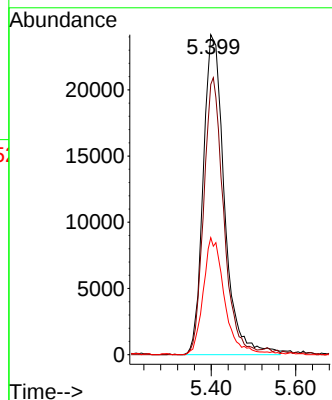
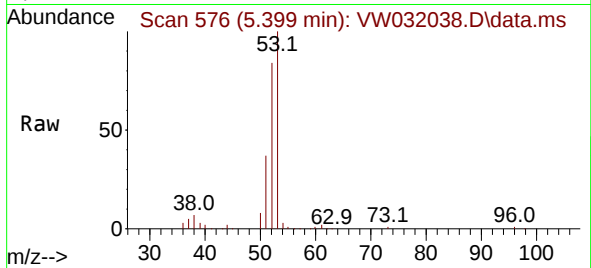




#15
Acrylonitrile
Concen: 101.197 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

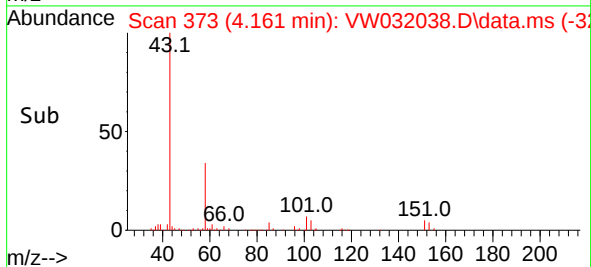
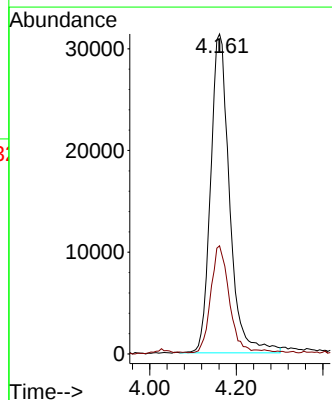
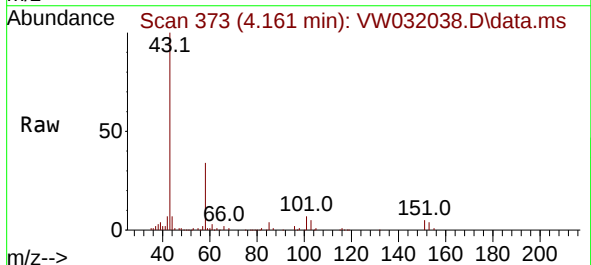
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

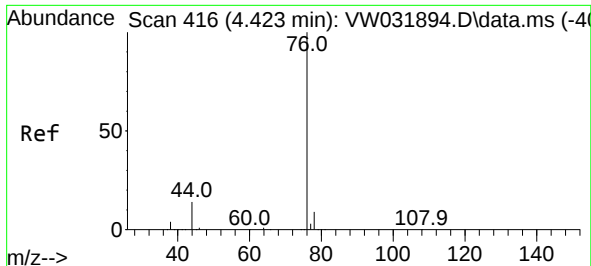
Tgt Ion:	53	Resp:	84474
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.0	100.4
51	37.0	29.9	44.9



#16
Acetone
Concen: 119.109 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion:	43	Resp:	95219
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.5	38.3

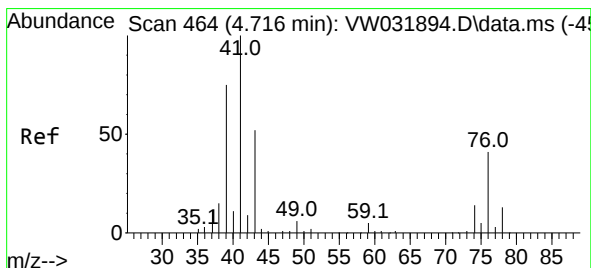
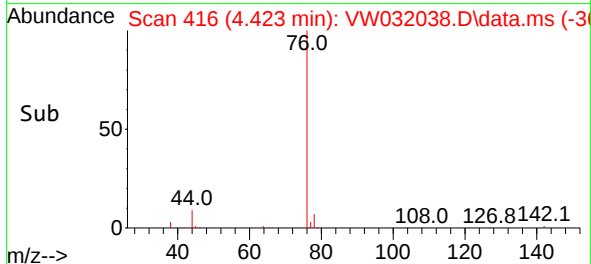
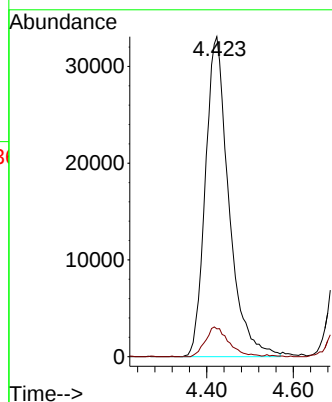
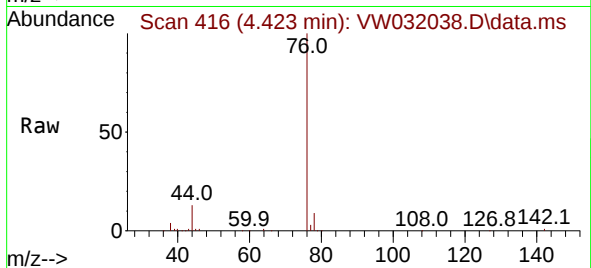




#17
Carbon Disulfide
Concen: 16.182 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

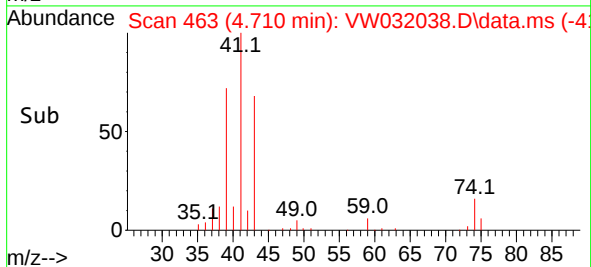
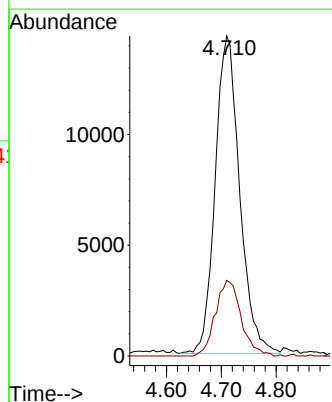
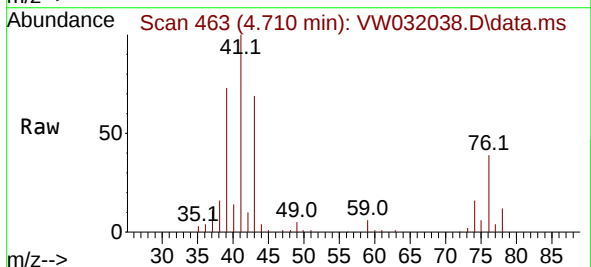
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

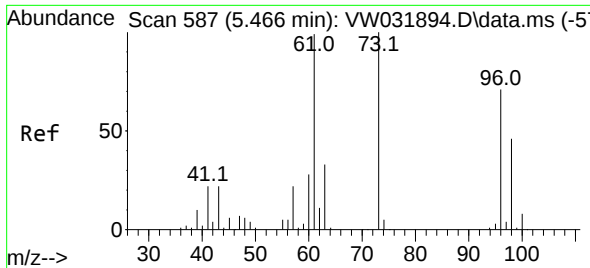
Tgt Ion: 76 Resp: 124628
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 20.166 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 43 Resp: 44414
Ion Ratio Lower Upper
43 100
74 25.0 20.6 31.0

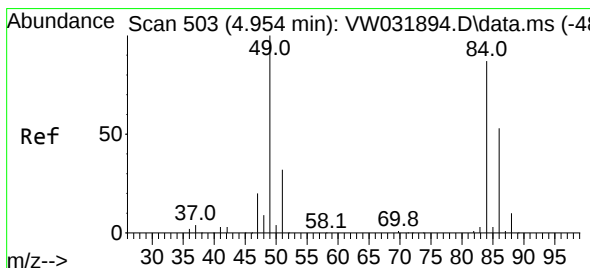
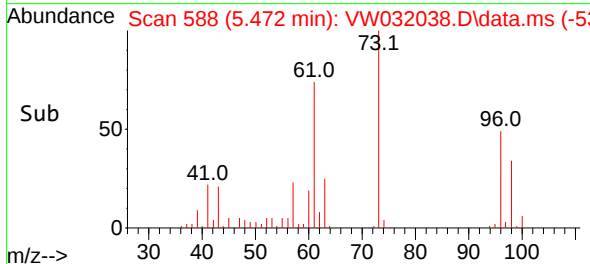
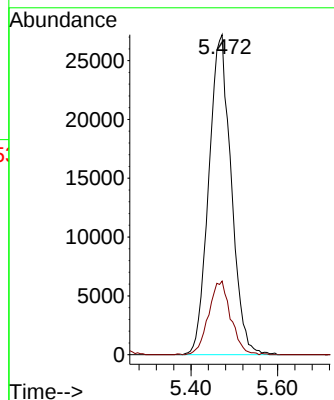
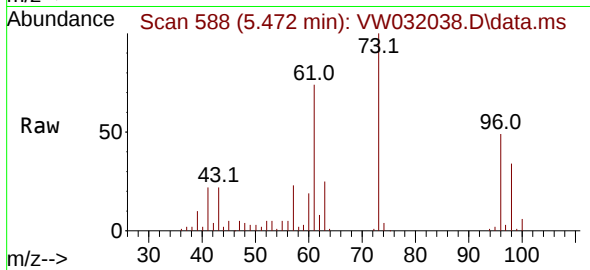




#19
Methyl tert-butyl Ether
Concen: 19.053 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

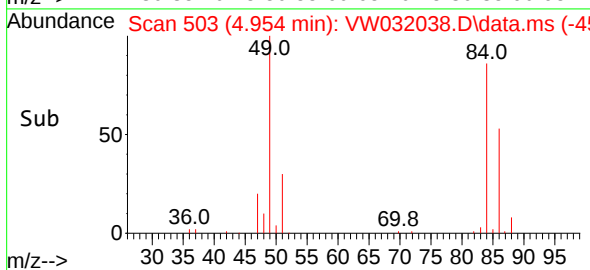
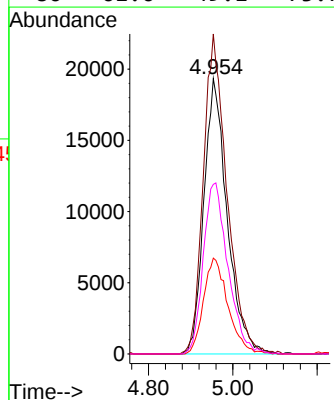
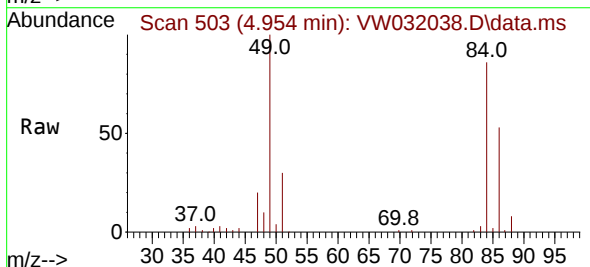
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

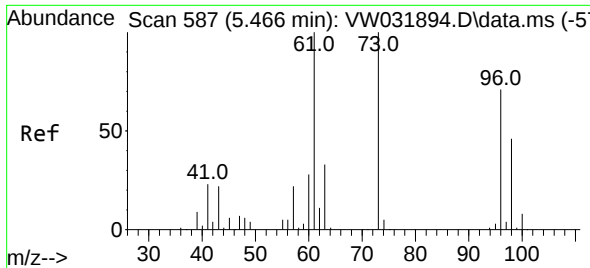
Tgt Ion: 73 Resp: 97759
Ion Ratio Lower Upper
73 100
57 23.0 17.5 26.3



#20
Methylene Chloride
Concen: 18.785 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 84 Resp: 74163
Ion Ratio Lower Upper
84 100
49 116.2 91.9 137.9
51 34.8 29.0 43.6
86 61.6 49.1 73.7

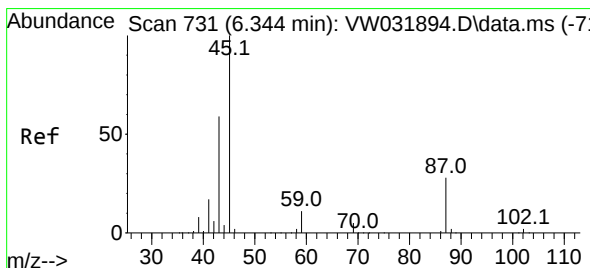
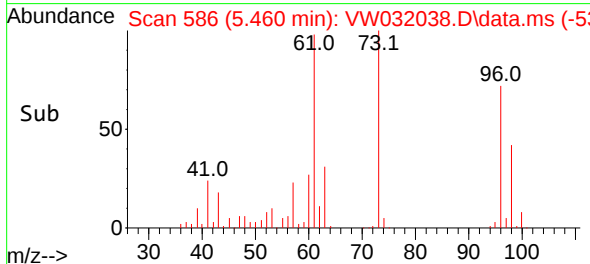
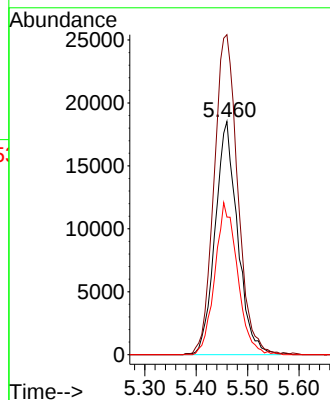
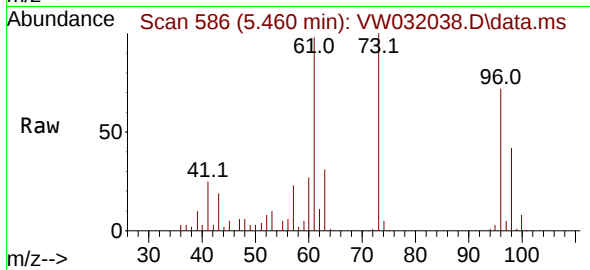




#21
trans-1,2-Dichloroethene
Concen: 17.843 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

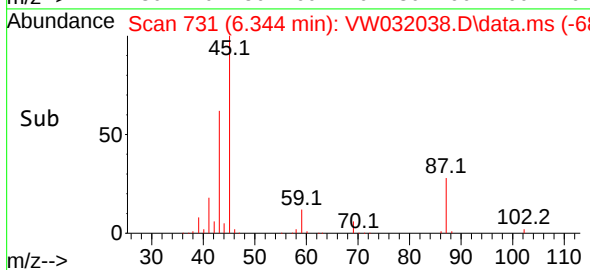
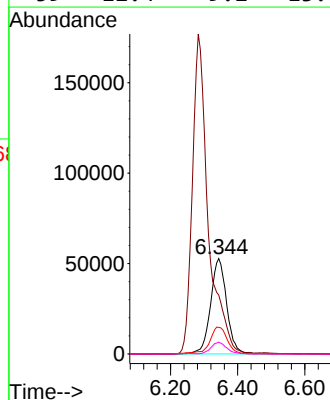
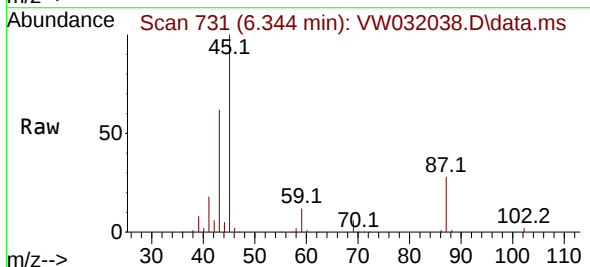
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

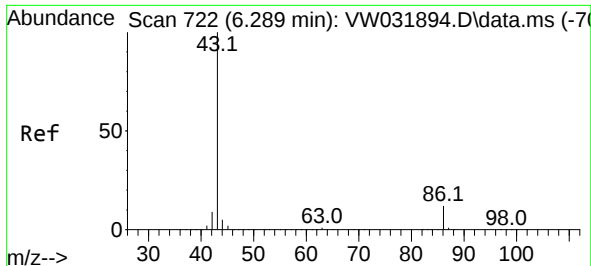
Tgt Ion: 96 Resp: 56219
Ion Ratio Lower Upper
96 100
61 137.2 112.8 169.2
98 59.0 51.9 77.9



#22
Diisopropyl ether
Concen: 19.011 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 45 Resp: 175847
Ion Ratio Lower Upper
45 100
43 61.3 47.0 70.6
87 27.7 22.8 34.2
59 12.4 9.2 13.8

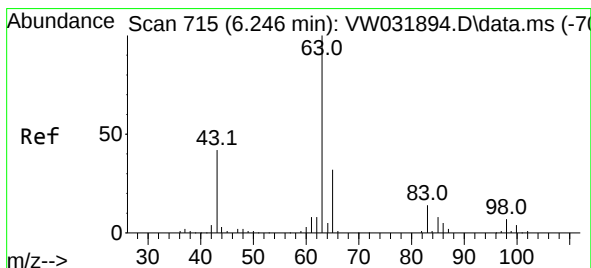
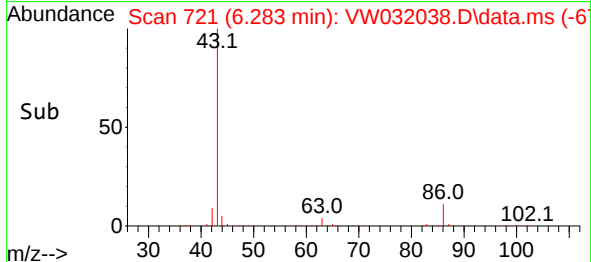
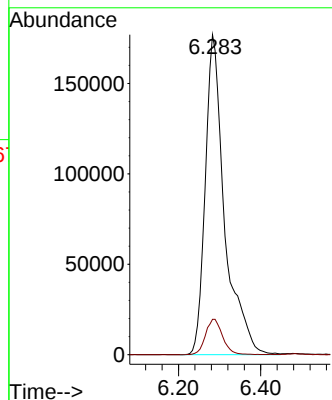
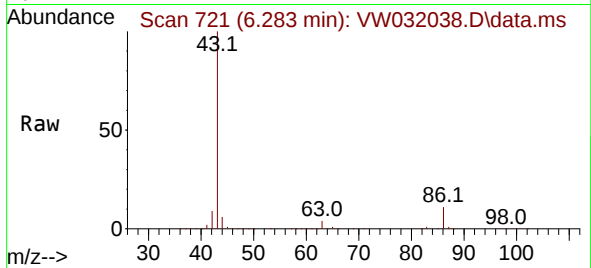




#23
 Vinyl Acetate
 Concen: 95.766 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

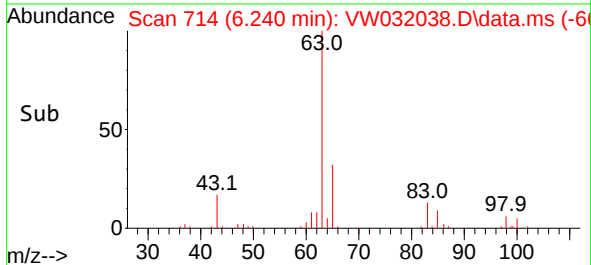
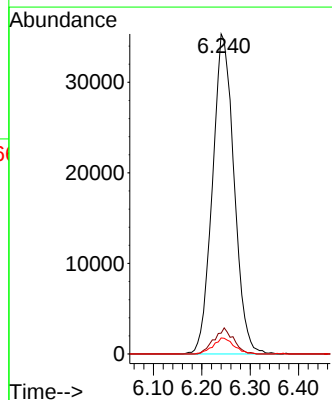
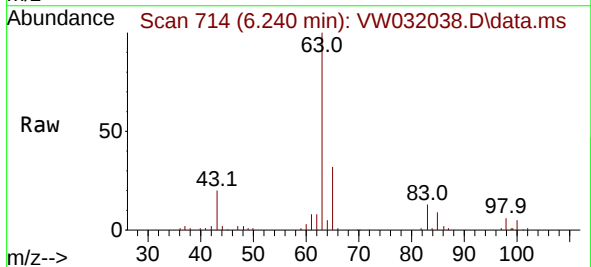
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBS01

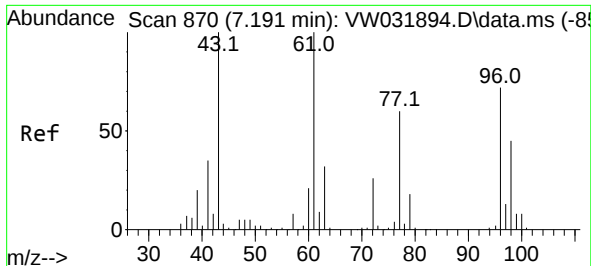
Tgt Ion: 43 Resp: 578730
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.024 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

Tgt Ion: 63 Resp: 109565
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 108.230 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

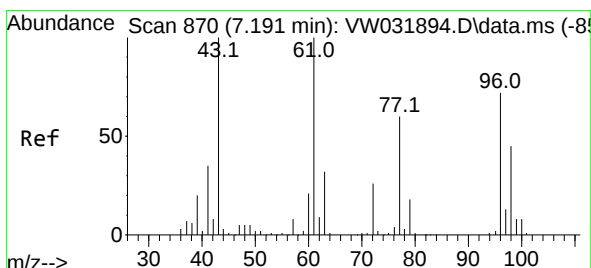
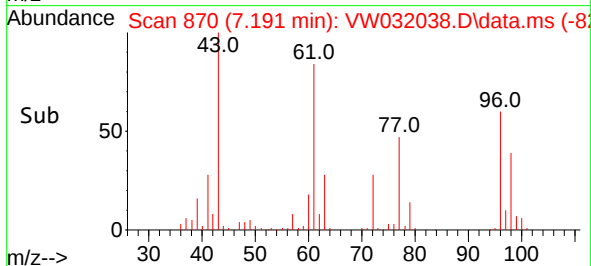
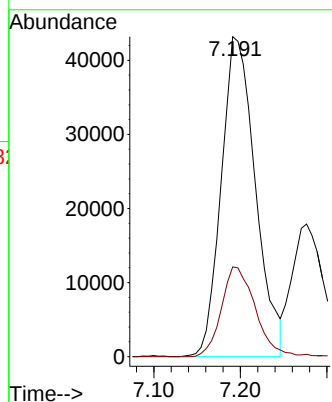
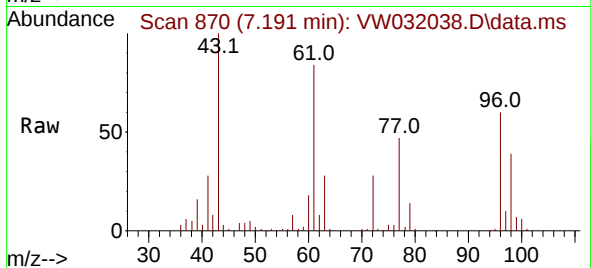
VW0807SBS01

Tgt Ion: 43 Resp: 118382

Ion Ratio Lower Upper

43 100

72 28.1 20.8 31.2



#26

2,2-Dichloropropane

Concen: 17.574 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032038.D

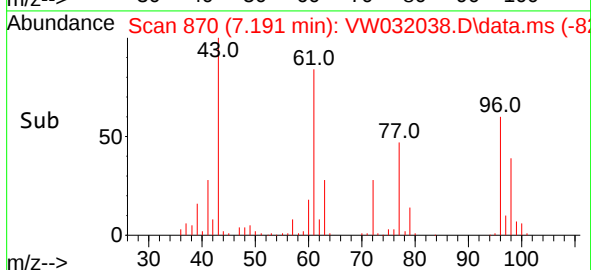
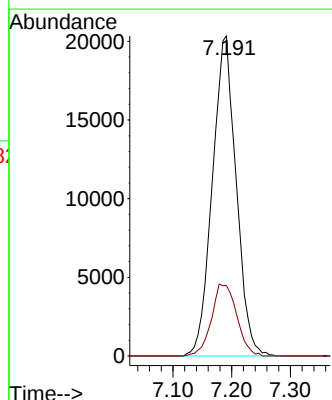
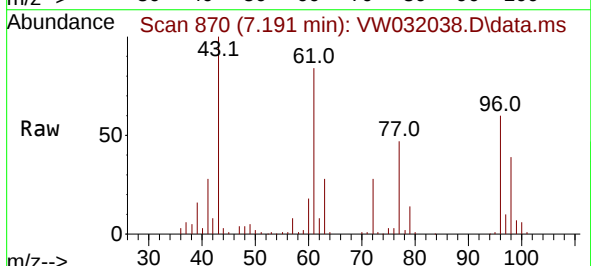
Acq: 07 Aug 2025 12:20

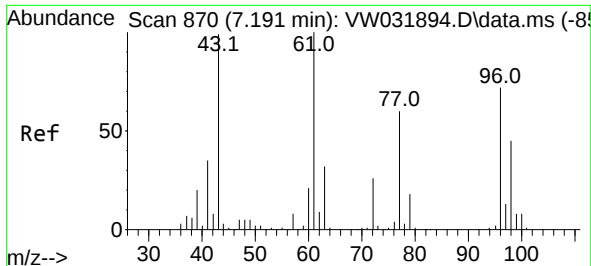
Tgt Ion: 77 Resp: 57300

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.368 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

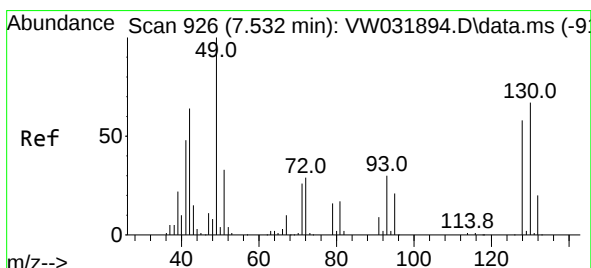
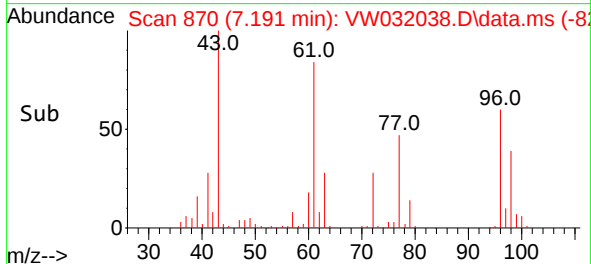
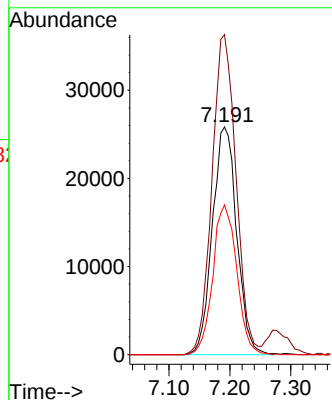
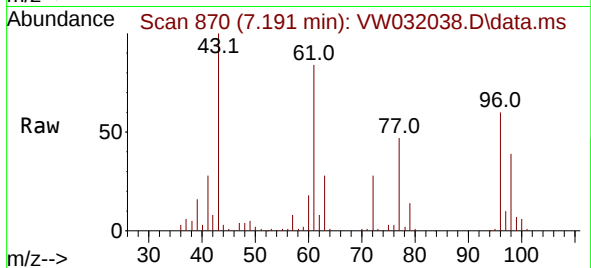
Tgt Ion: 96 Resp: 71740

Ion Ratio Lower Upper

96 100

61 138.3 0.0 280.2

98 64.7 0.0 126.8



#28

Bromochloromethane

Concen: 18.063 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

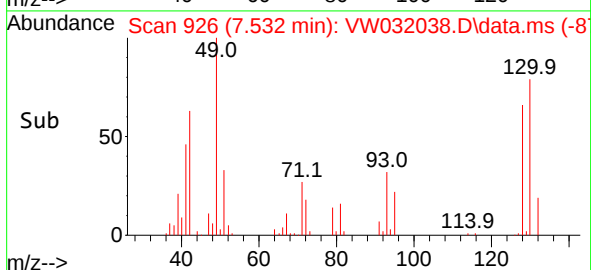
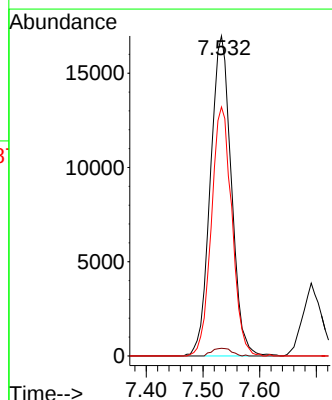
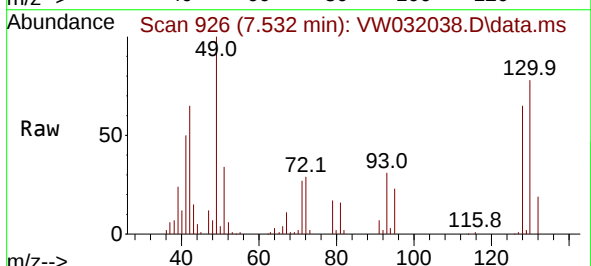
Tgt Ion: 49 Resp: 43556

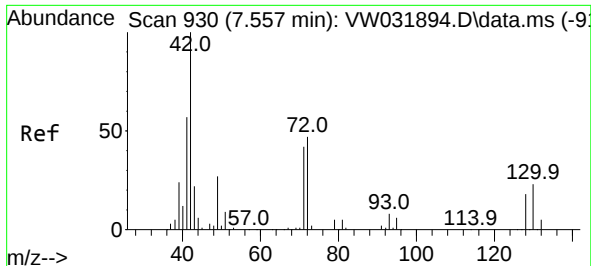
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 75.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 101.483 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

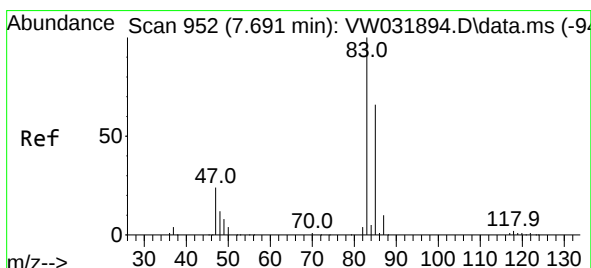
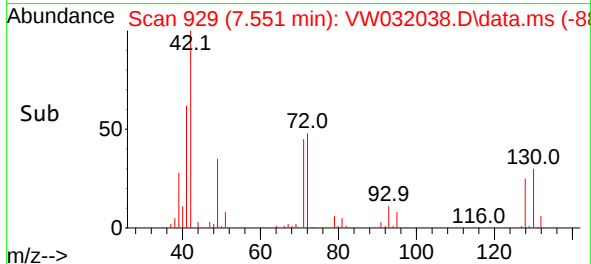
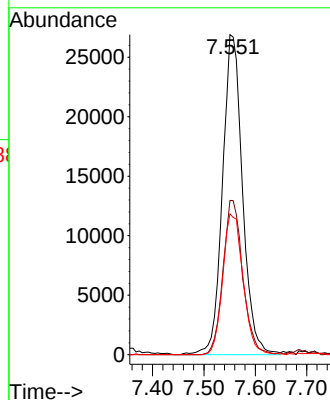
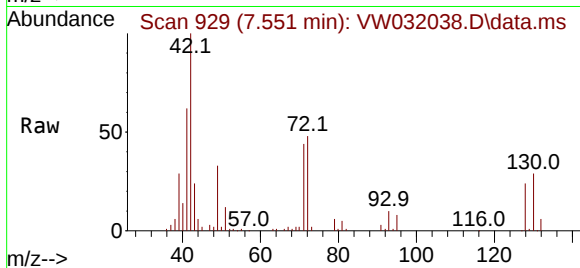
Tgt Ion: 42 Resp: 72776

Ion Ratio Lower Upper

42 100

72 47.5 37.0 55.6

71 44.7 34.5 51.7



#30

Chloroform

Concen: 19.664 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW032038.D

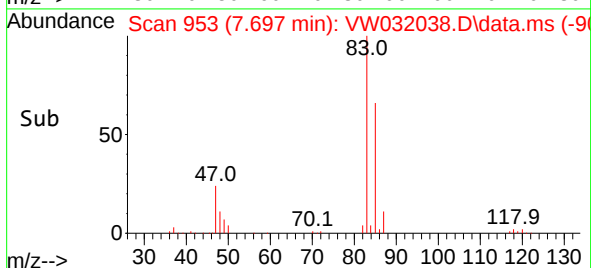
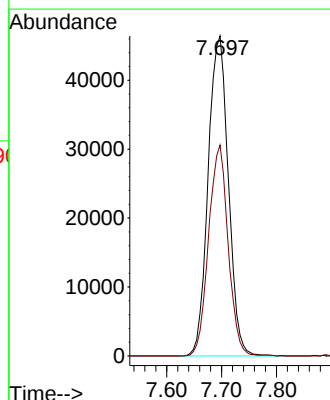
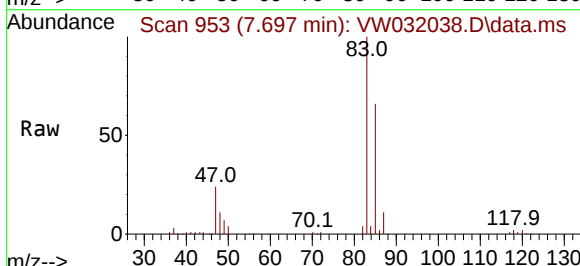
Acq: 07 Aug 2025 12:20

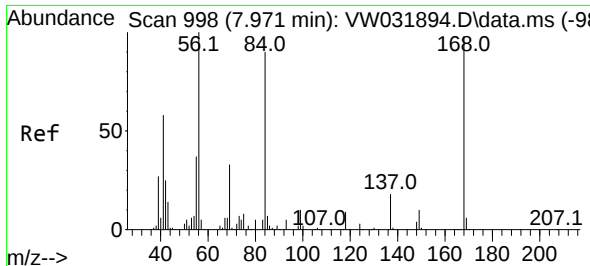
Tgt Ion: 83 Resp: 118741

Ion Ratio Lower Upper

83 100

85 65.9 52.6 78.8

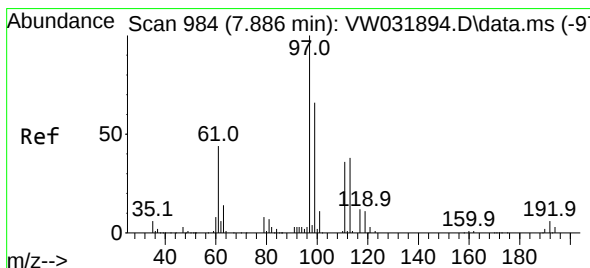
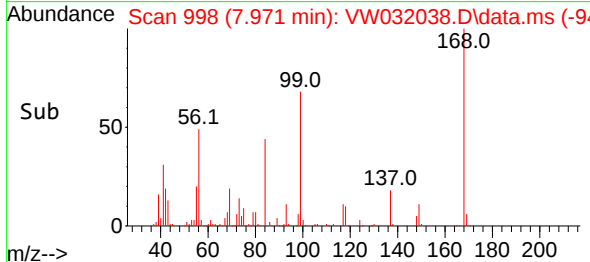
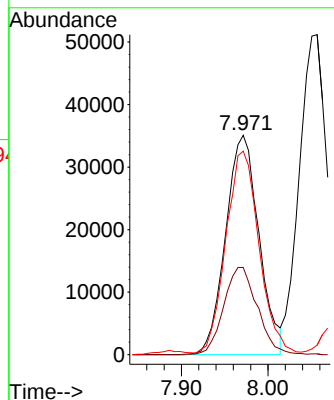
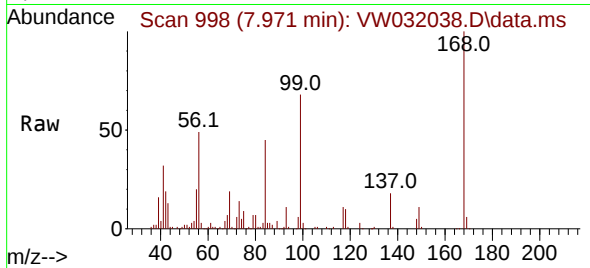




#31
Cyclohexane
Concen: 18.151 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

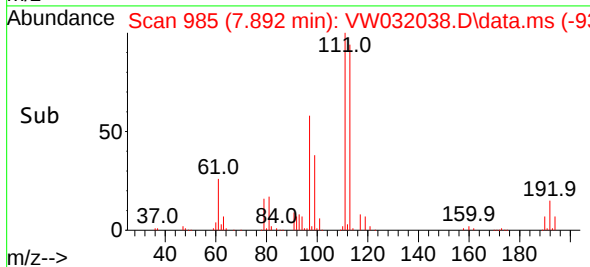
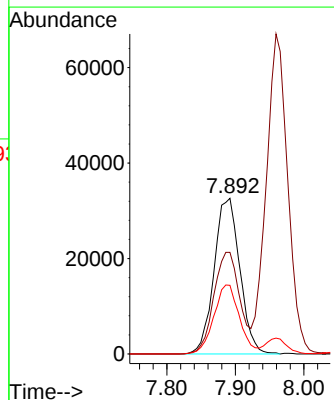
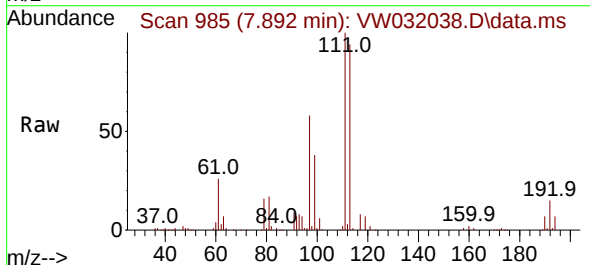
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

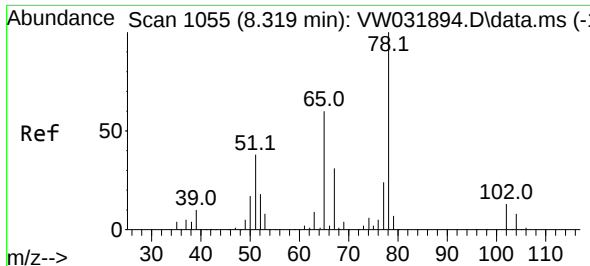
Tgt Ion: 56 Resp: 93781
Ion Ratio Lower Upper
56 100
69 39.7 26.7 40.1
84 91.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.504 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 97 Resp: 85026
Ion Ratio Lower Upper
97 100
99 66.5 53.0 79.4
61 44.3 35.4 53.0

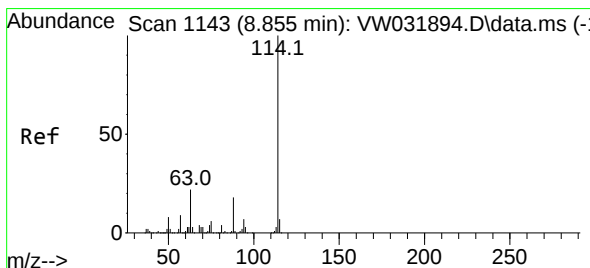
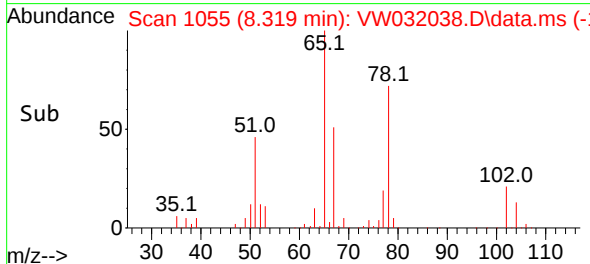
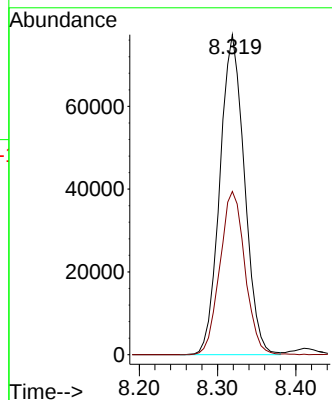
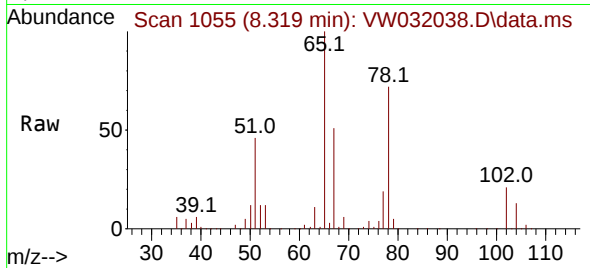




#33
 1,2-Dichloroethane-d4
 Concen: 50.106 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

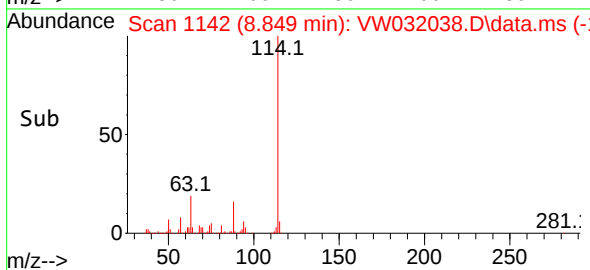
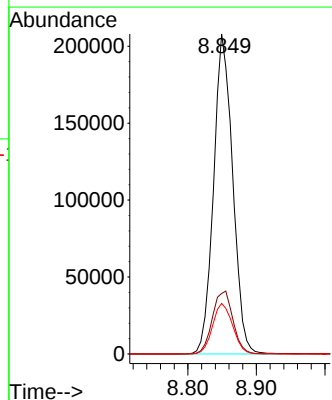
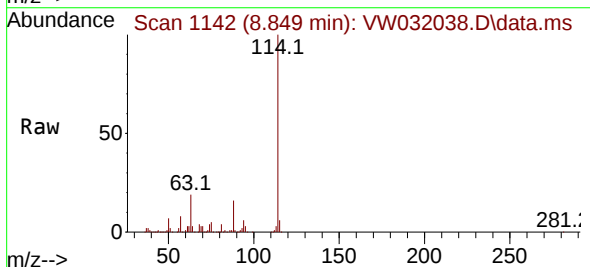
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBS01

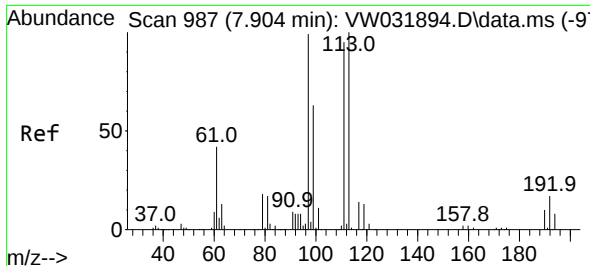
Tgt Ion: 65 Resp: 168804
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

Tgt Ion: 114 Resp: 401808
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 44.2
 88 15.8 0.0 35.6





#35

Dibromofluoromethane

Concen: 52.041 ug/l

RT: 7.898 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

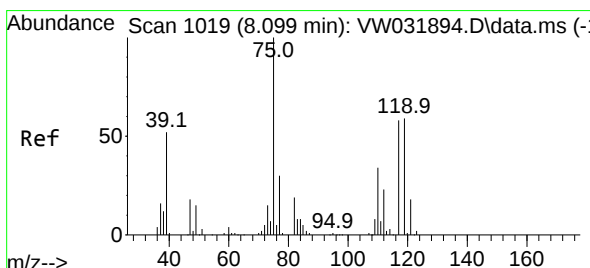
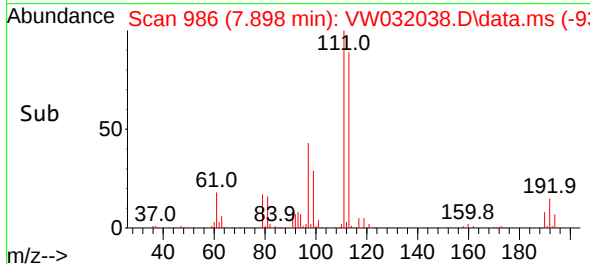
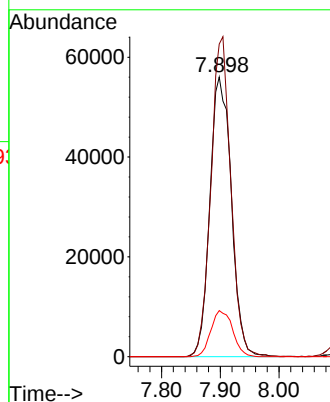
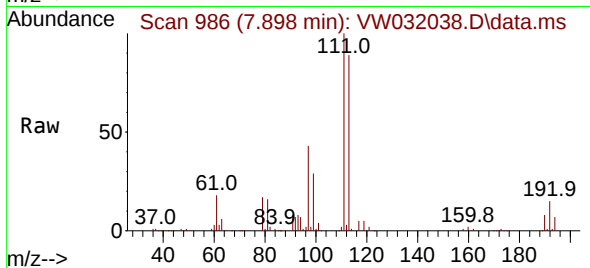
Tgt Ion:113 Resp: 142090

Ion Ratio Lower Upper

113 100

111 106.4 79.9 119.9

192 16.7 12.6 19.0



#36

1,1-Dichloropropene

Concen: 19.130 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

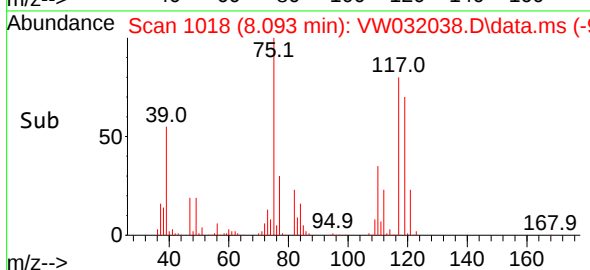
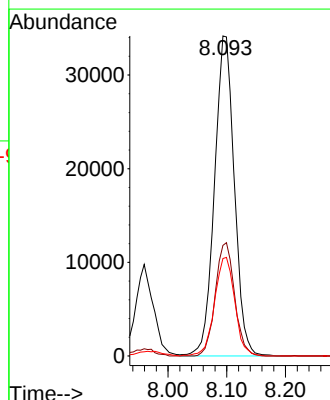
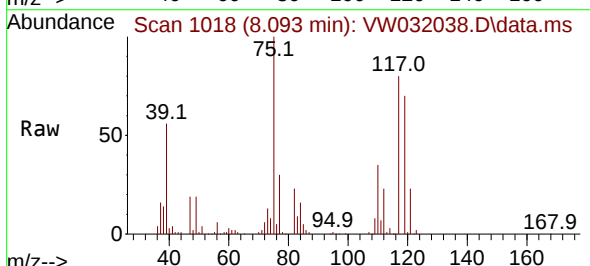
Tgt Ion: 75 Resp: 80214

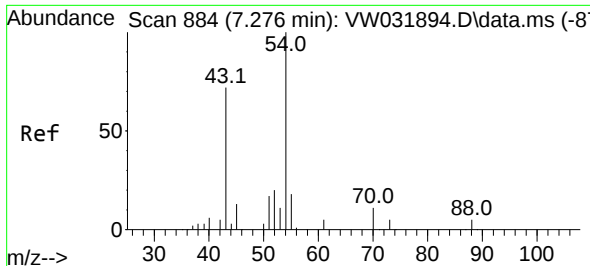
Ion Ratio Lower Upper

75 100

110 34.3 17.0 50.9

77 31.5 25.1 37.7

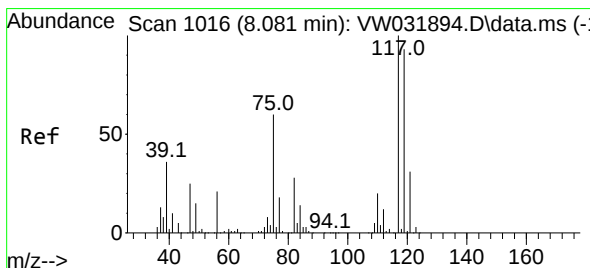
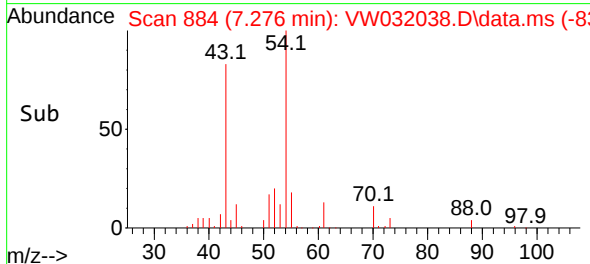
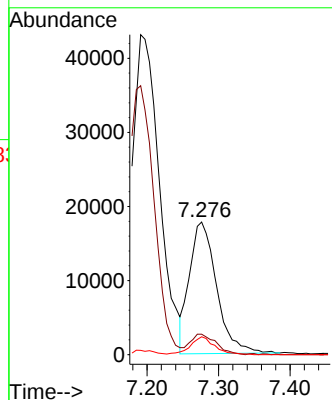
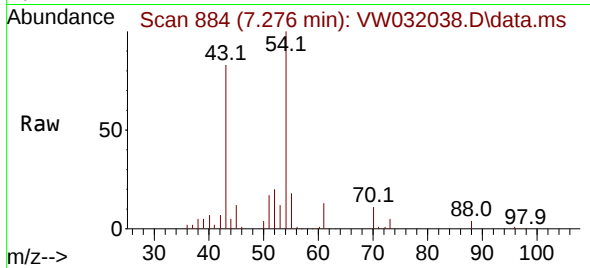




#37
Ethyl Acetate
Concen: 19.599 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

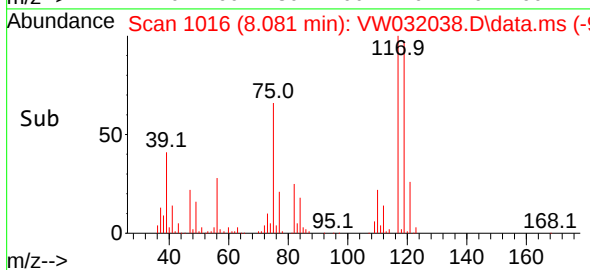
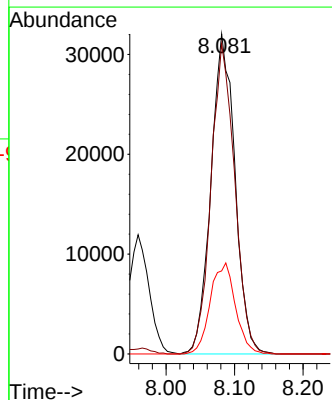
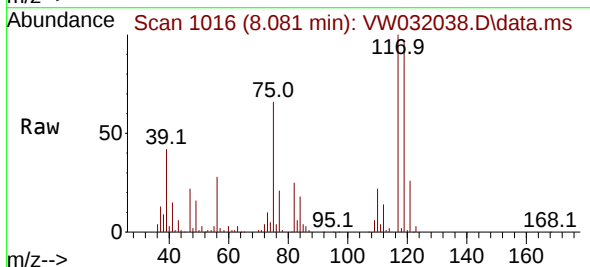
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

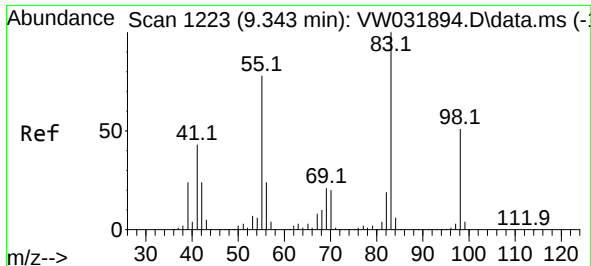
Tgt Ion:	43	Resp:	46880
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.6	15.8
70	12.1	9.0	13.4



#38
Carbon Tetrachloride
Concen: 19.373 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion:	117	Resp:	77958
Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.3	111.5
121	25.9	24.6	37.0





#39

Methylcyclohexane

Concen: 18.672 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

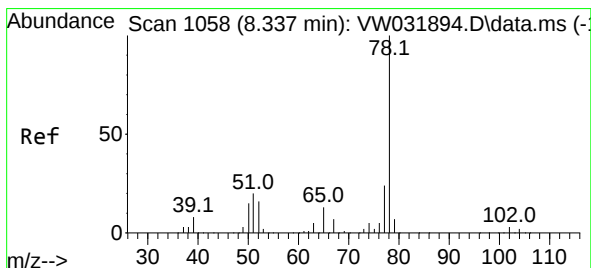
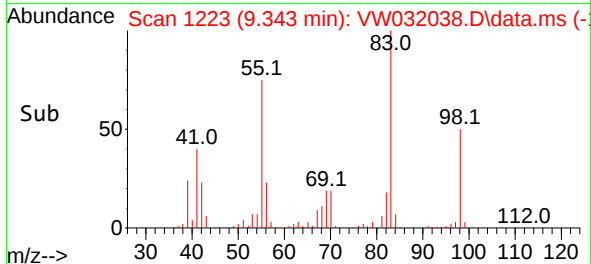
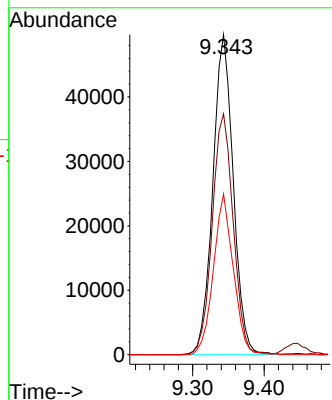
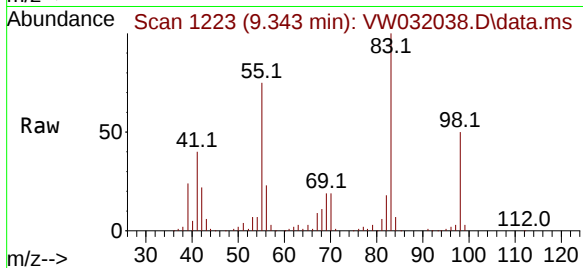
Tgt Ion: 83 Resp: 98528

Ion Ratio Lower Upper

83 100

55 75.2 62.5 93.7

98 50.2 40.6 61.0



#40

Benzene

Concen: 20.089 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032038.D

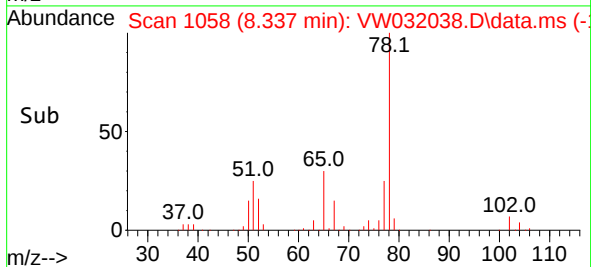
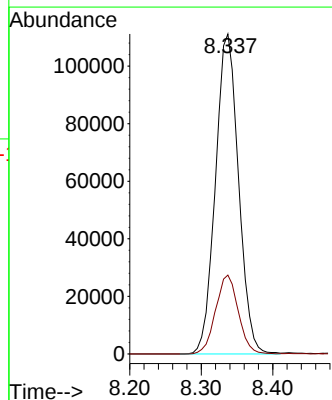
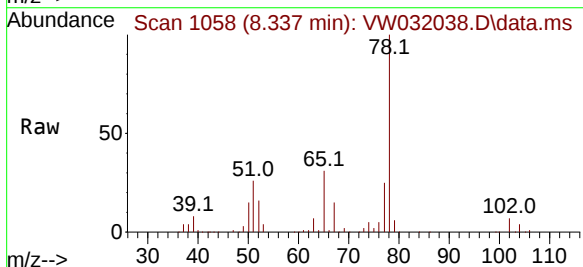
Acq: 07 Aug 2025 12:20

Tgt Ion: 78 Resp: 249353

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

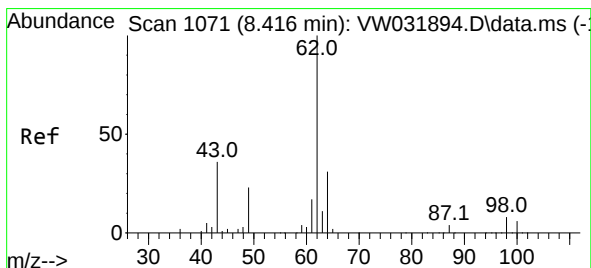
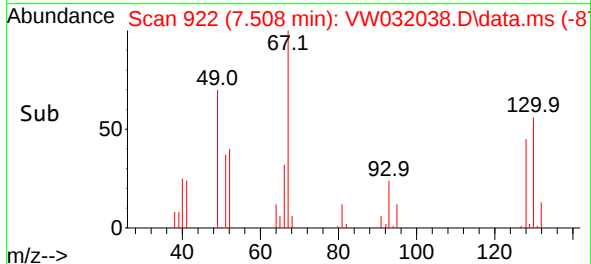
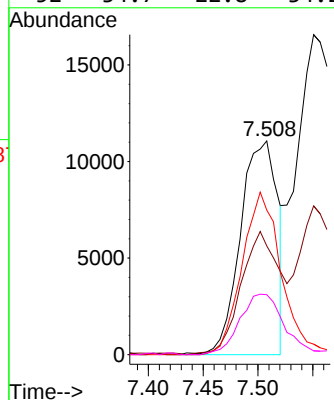
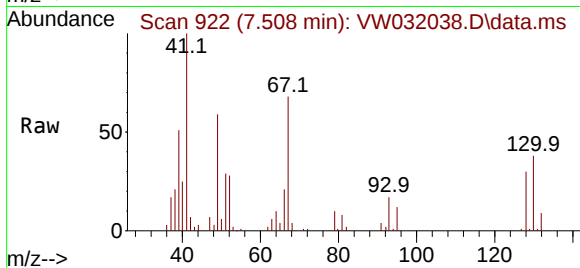




#41
Methacrylonitrile
Concen: 18.216 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

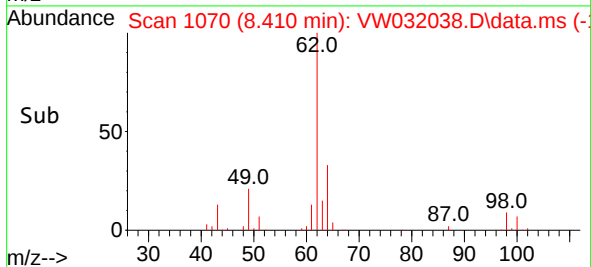
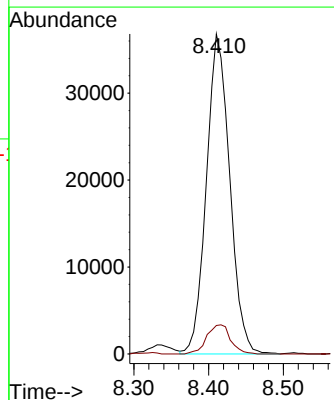
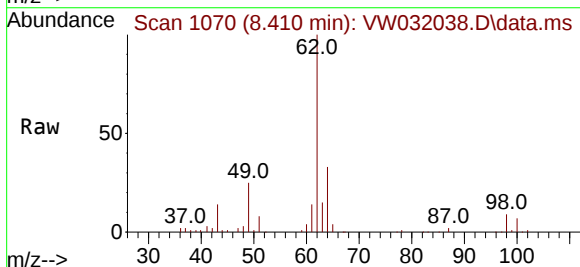
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

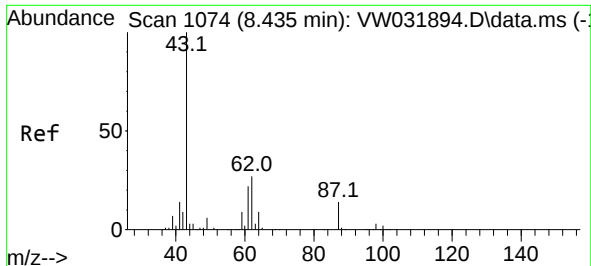
Tgt Ion:	41	Resp:	26083
Ion	Ratio	Lower	Upper
41	100		
39	60.3	41.1	61.7
67	80.6	56.2	84.4
52	34.7	22.8	34.2



#42
1,2-Dichloroethane
Concen: 20.122 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion:	62	Resp:	79933
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

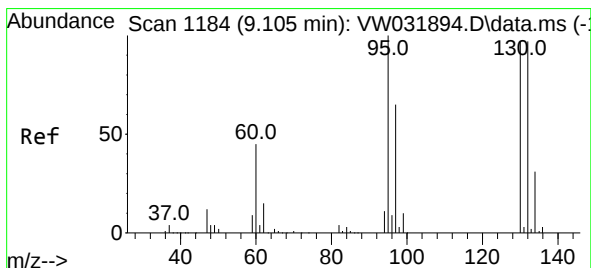
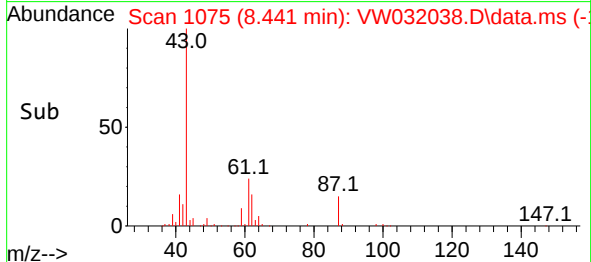
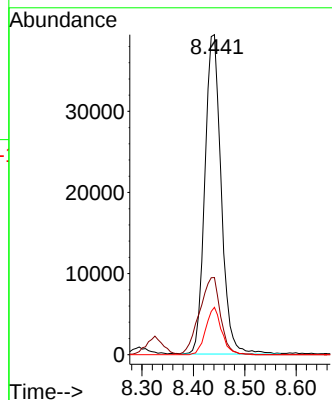
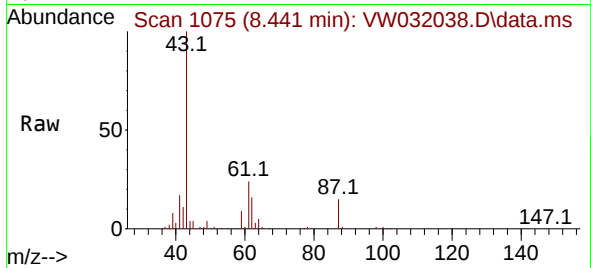




#43
Isopropyl Acetate
Concen: 20.032 ug/l
RT: 8.441 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

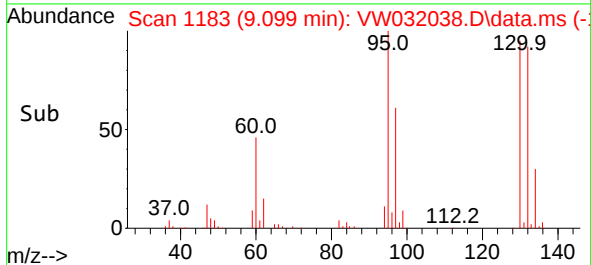
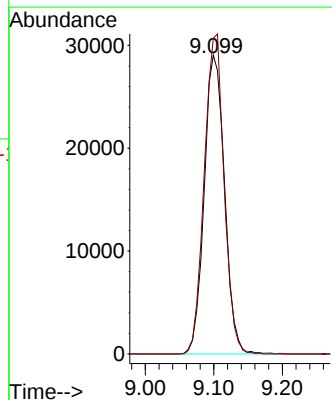
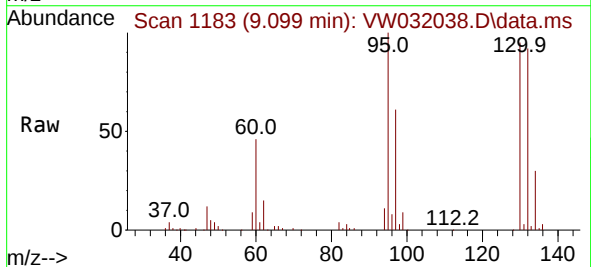
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

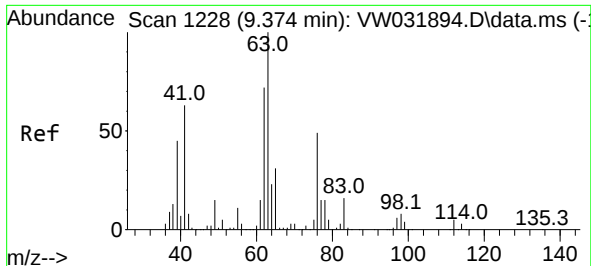
Tgt Ion: 43 Resp: 86742
Ion Ratio Lower Upper
43 100
61 31.1 24.0 36.0
87 14.4 11.1 16.7



#44
Trichloroethene
Concen: 20.338 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 130 Resp: 60004
Ion Ratio Lower Upper
130 100
95 105.6 0.0 206.4





#45

1,2-Dichloropropane

Concen: 19.963 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

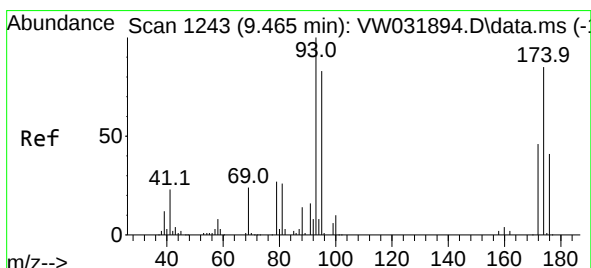
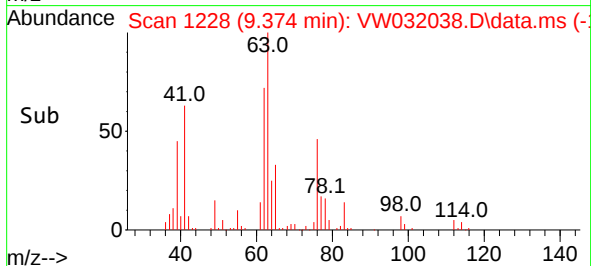
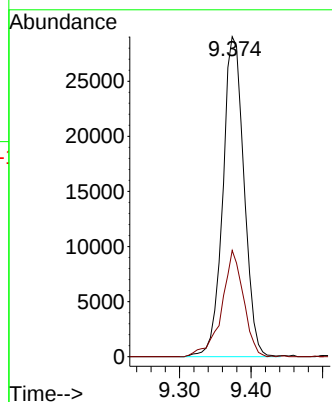
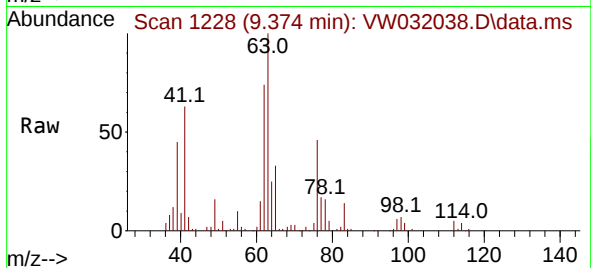
VW0807SBS01

Tgt Ion: 63 Resp: 59675

Ion Ratio Lower Upper

63 100

65 33.2 25.0 37.4



#46

Dibromomethane

Concen: 20.511 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

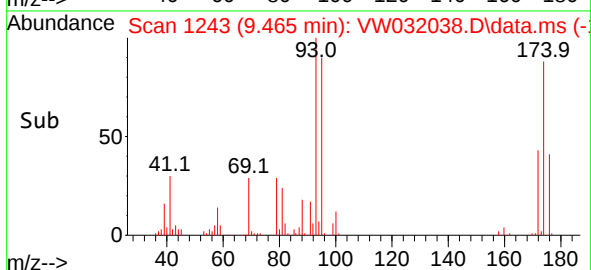
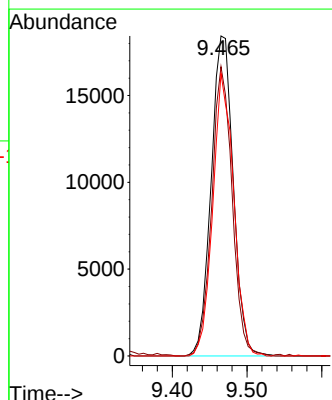
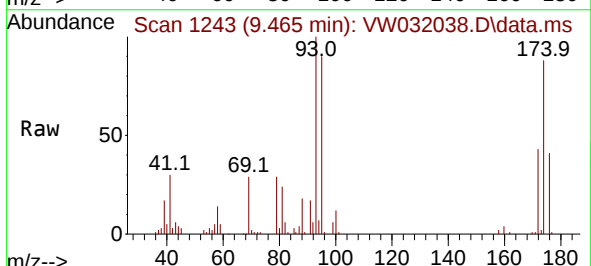
Tgt Ion: 93 Resp: 38008

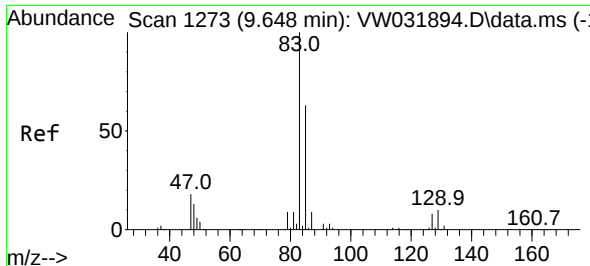
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

174 83.1 70.2 105.2

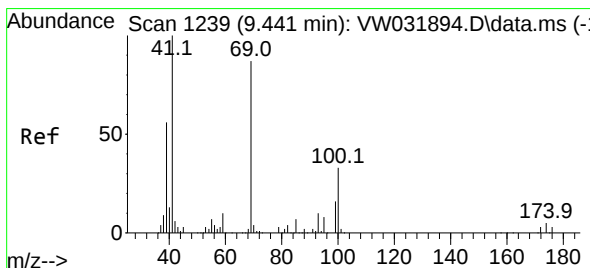
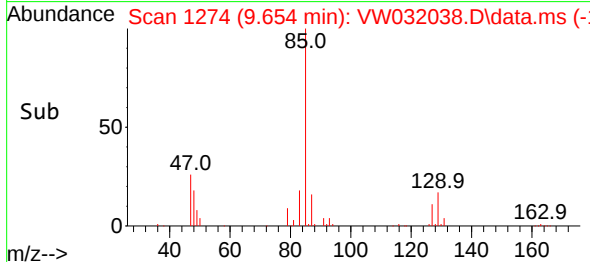
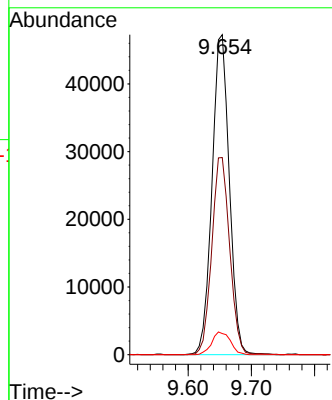
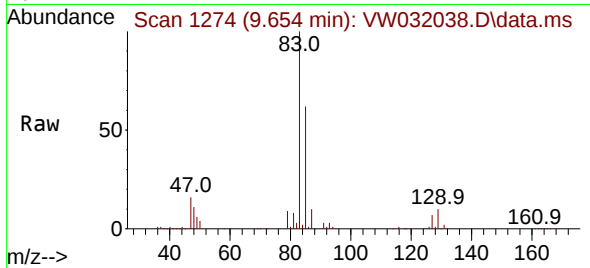




#47
Bromodichloromethane
Concen: 20.174 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

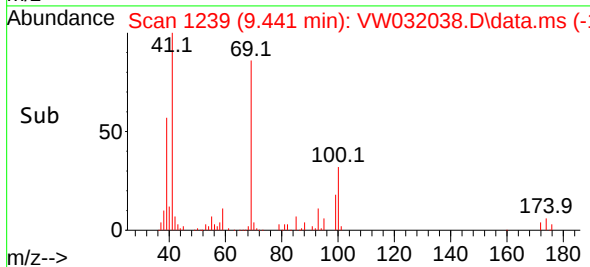
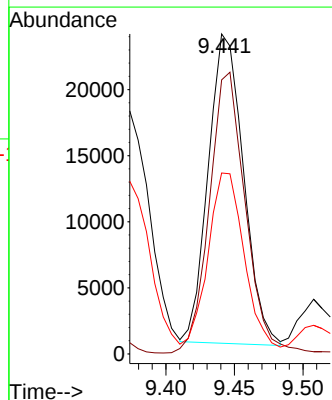
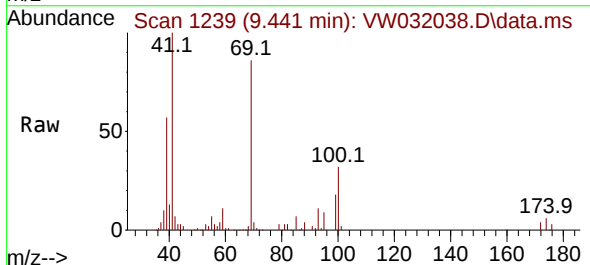
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

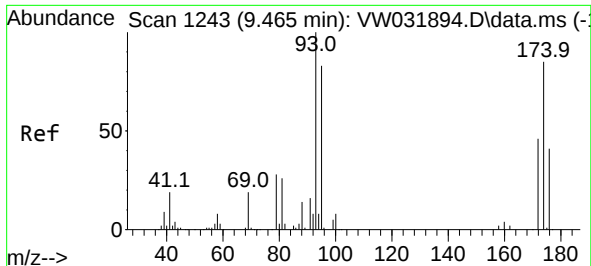
Tgt Ion: 83 Resp: 89640
Ion Ratio Lower Upper
83 100
85 61.6 50.6 76.0
127 6.6 6.5 9.7



#48
Methyl methacrylate
Concen: 20.318 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 41 Resp: 41857
Ion Ratio Lower Upper
41 100
69 94.4 73.6 110.4
39 56.9 45.5 68.3





#49

1,4-Dioxane

Concen: 549.429 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

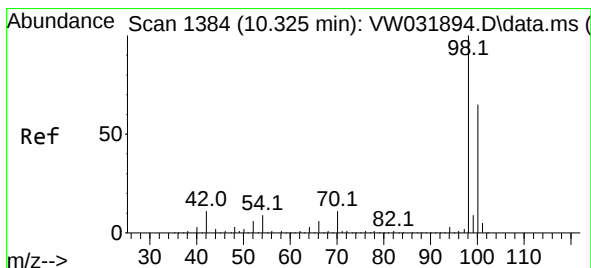
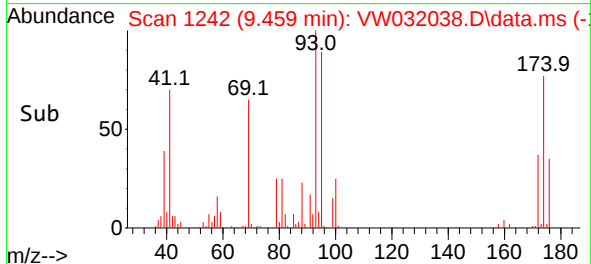
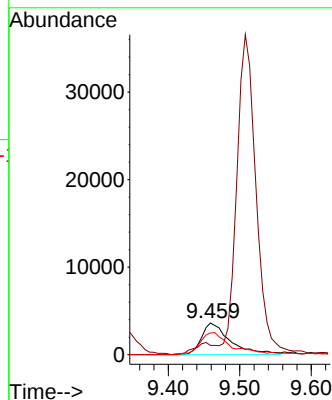
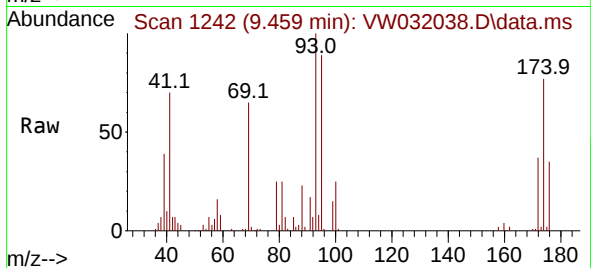
Tgt Ion: 88 Resp: 10159

Ion Ratio Lower Upper

88 100

43 29.3 19.0 28.4#

58 73.0 58.2 87.2



#50

Toluene-d8

Concen: 52.119 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032038.D

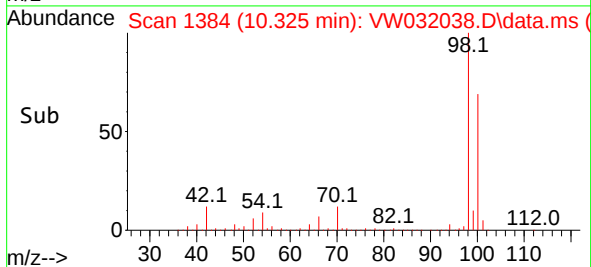
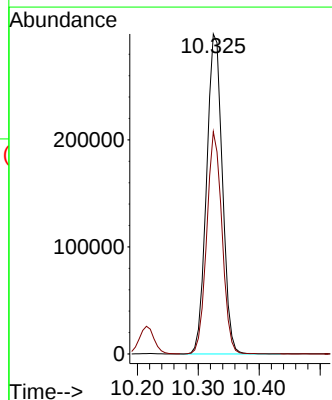
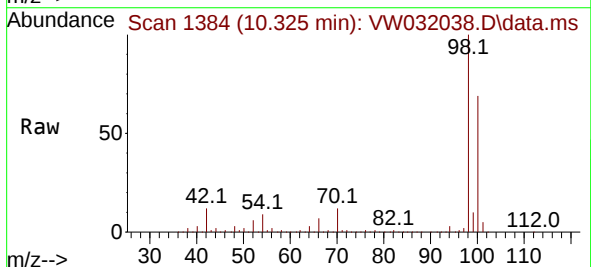
Acq: 07 Aug 2025 12:20

Tgt Ion: 98 Resp: 538568

Ion Ratio Lower Upper

98 100

100 67.1 51.7 77.5

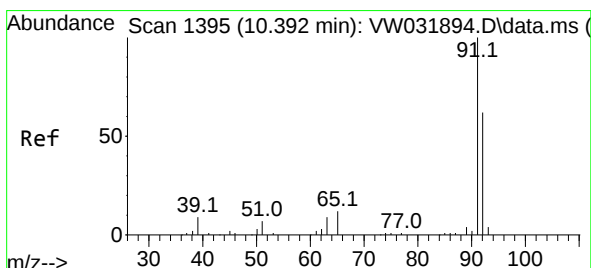
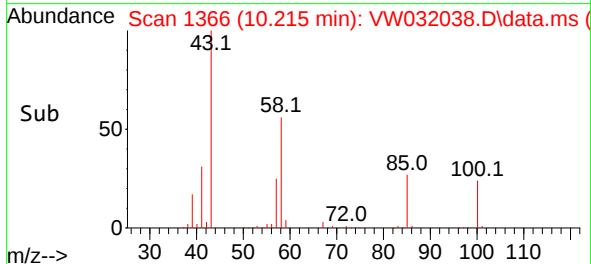
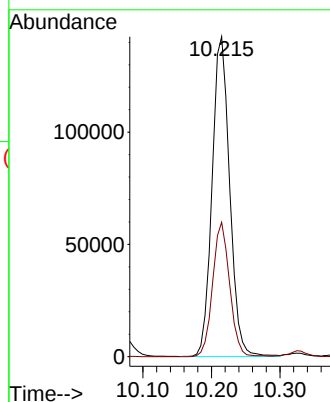
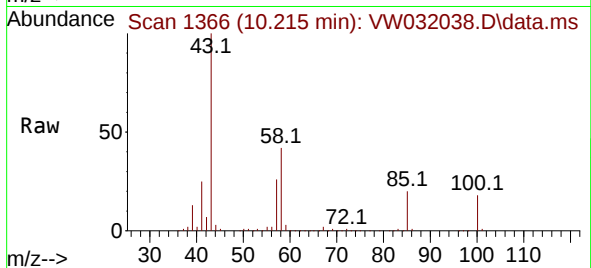




#51
4-Methyl-2-Pentanone
Concen: 107.287 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

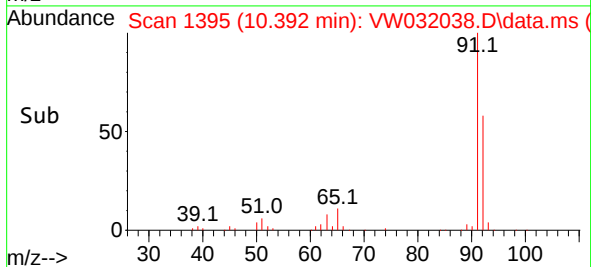
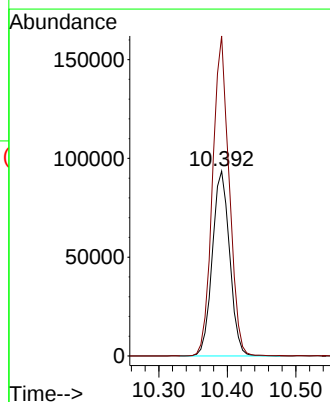
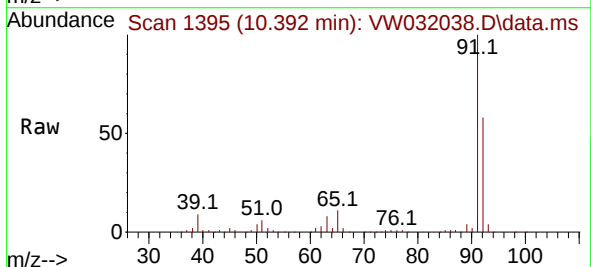
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

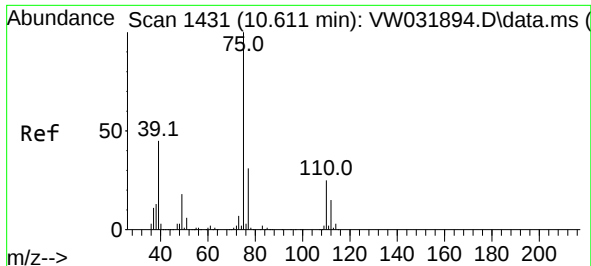
Tgt Ion: 43 Resp: 254250
Ion Ratio Lower Upper
43 100
58 40.6 32.8 49.2



#52
Toluene
Concen: 20.503 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 92 Resp: 163597
Ion Ratio Lower Upper
92 100
91 166.7 133.7 200.5

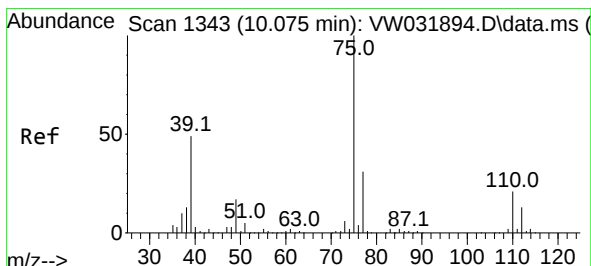
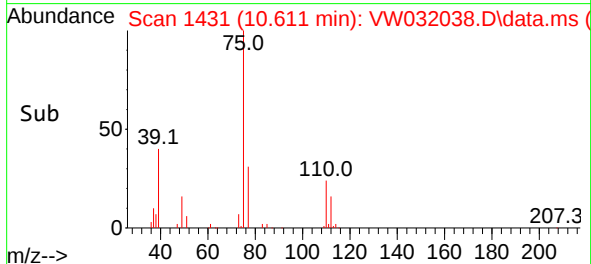
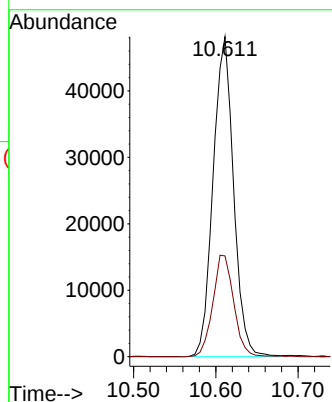
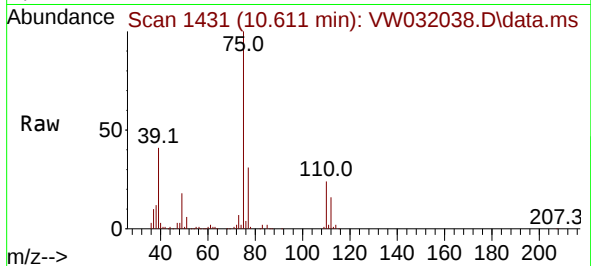




#53
t-1,3-Dichloropropene
Concen: 19.509 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

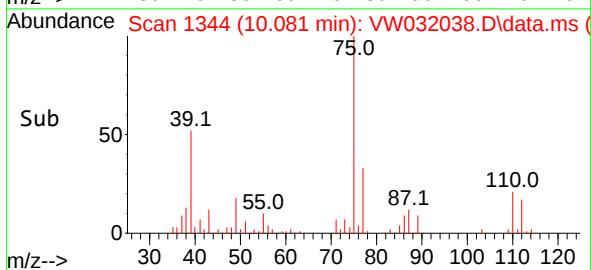
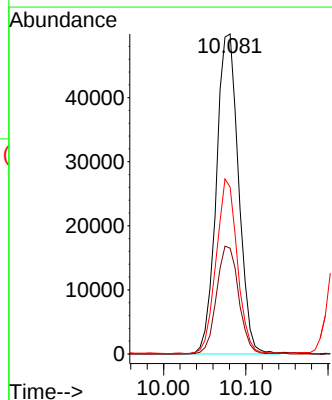
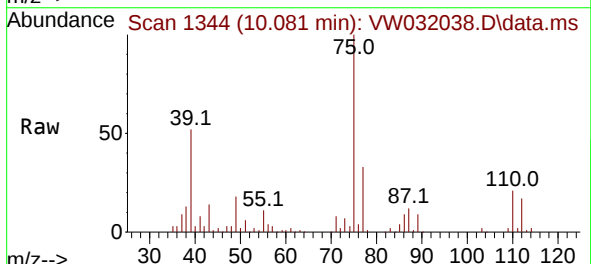
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

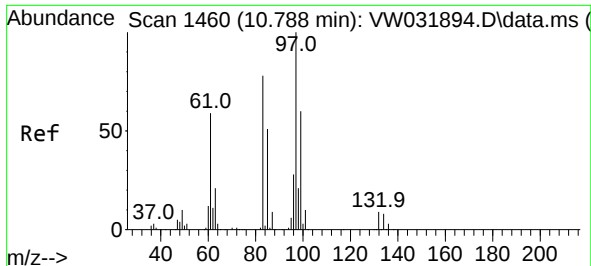
Tgt Ion: 75 Resp: 83153
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.226 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 75 Resp: 93586
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7
39 51.8 39.3 58.9

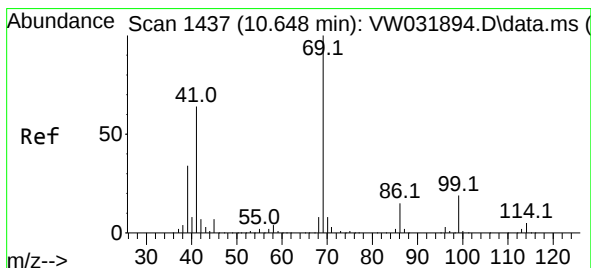
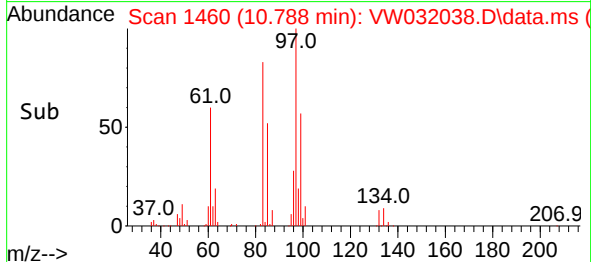
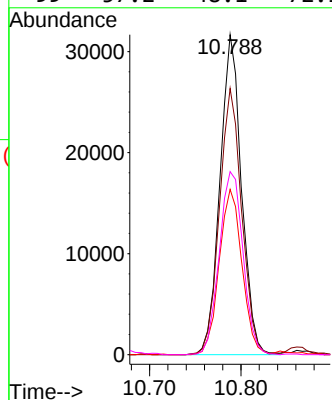
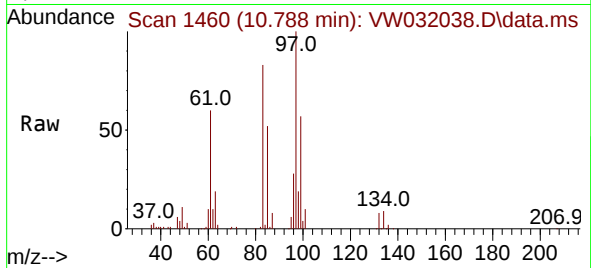




#55
1,1,2-Trichloroethane
Concen: 21.128 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

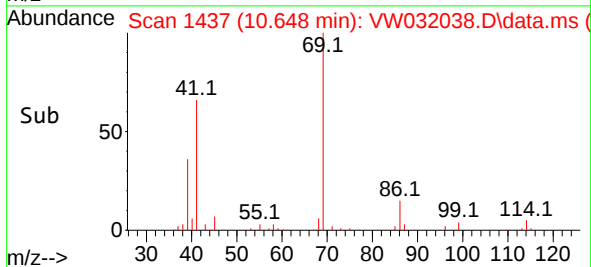
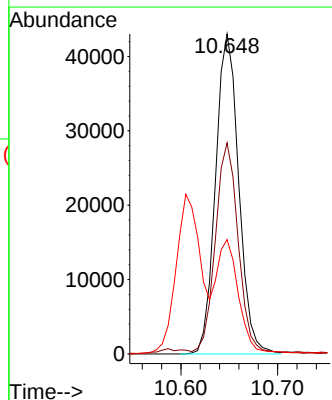
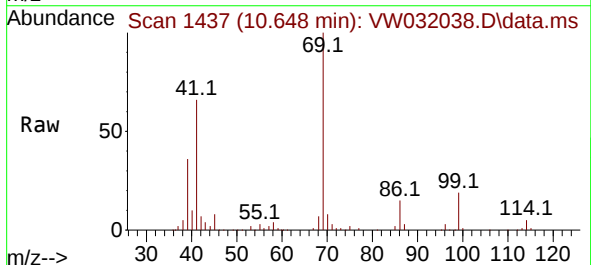
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

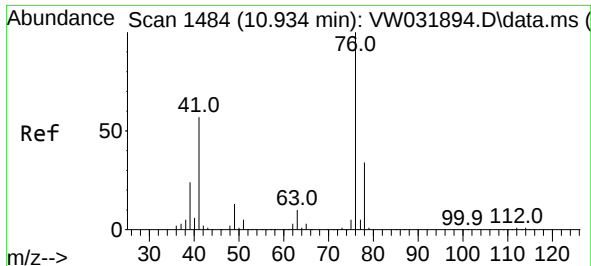
Tgt Ion: 97	Resp: 52004
Ion Ratio	Lower Upper
97 100	
83 83.2	62.4 93.6
85 51.7	41.0 61.6
99 57.2	48.1 72.1



#56
Ethyl methacrylate
Concen: 20.548 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 69	Resp: 71431
Ion Ratio	Lower Upper
69 100	
41 65.1	52.0 78.0
39 33.6	26.6 40.0





#57

1,3-Dichloropropane

Concen: 20.586 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

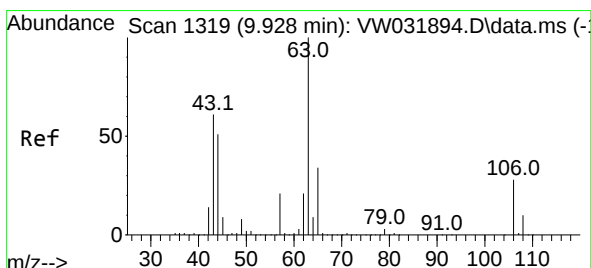
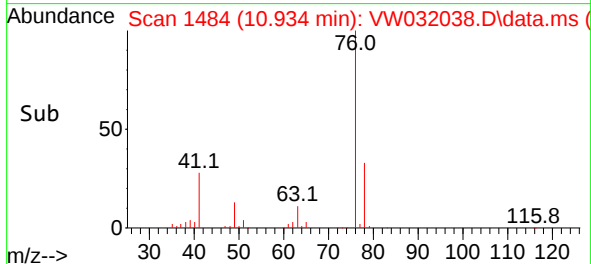
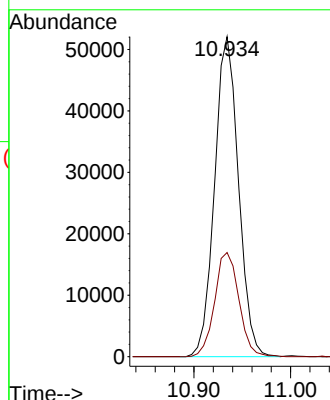
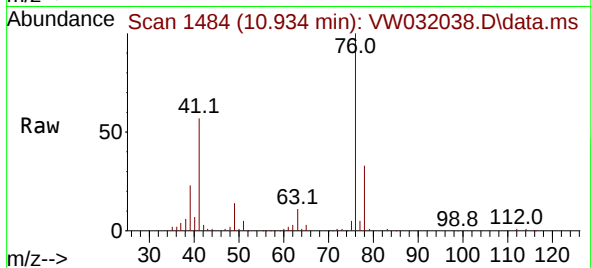
VW0807SBS01

Tgt Ion: 76 Resp: 89266

Ion Ratio Lower Upper

76 100

78 33.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 88.629 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032038.D

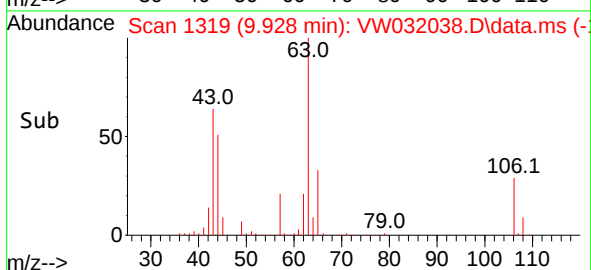
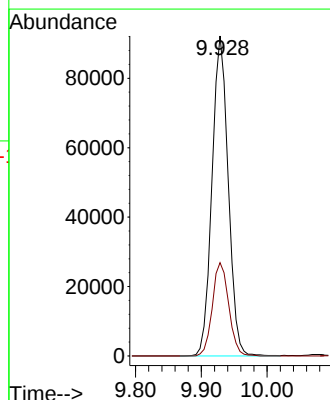
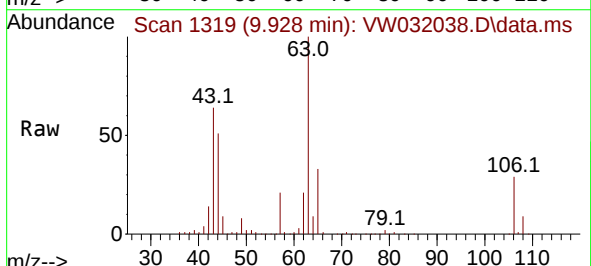
Acq: 07 Aug 2025 12:20

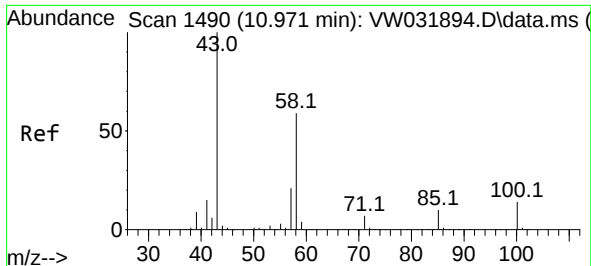
Tgt Ion: 63 Resp: 158256

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1





#59

2-Hexanone

Concen: 105.394 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

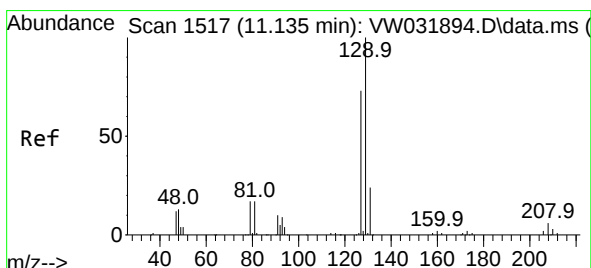
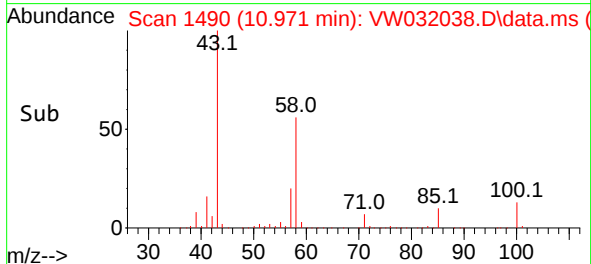
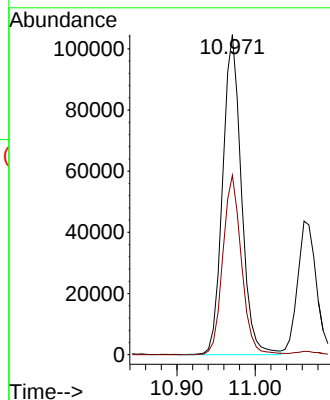
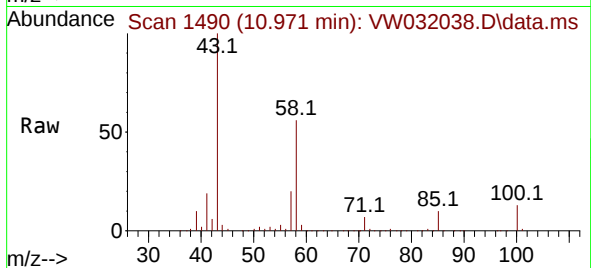
VW0807SBS01

Tgt Ion: 43 Resp: 173610

Ion Ratio Lower Upper

43 100

58 55.8 28.5 85.6



#60

Dibromochloromethane

Concen: 20.071 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW032038.D

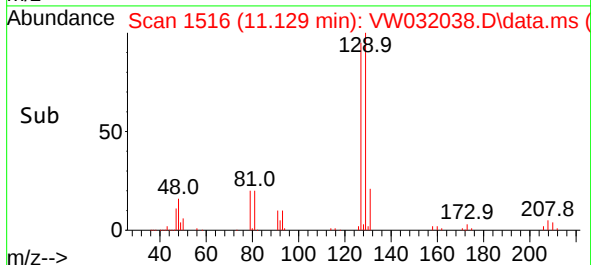
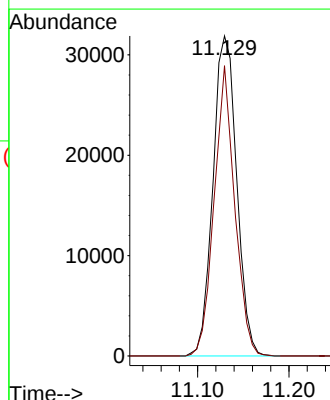
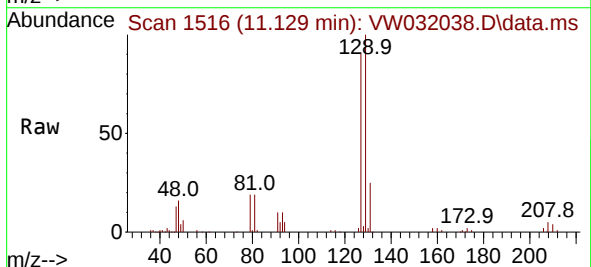
Acq: 07 Aug 2025 12:20

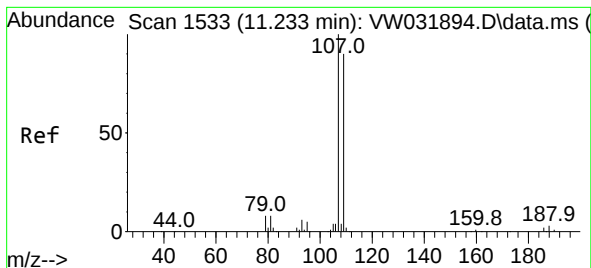
Tgt Ion:129 Resp: 57601

Ion Ratio Lower Upper

129 100

127 78.7 39.6 118.8

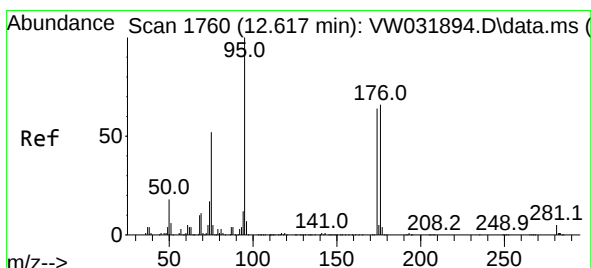
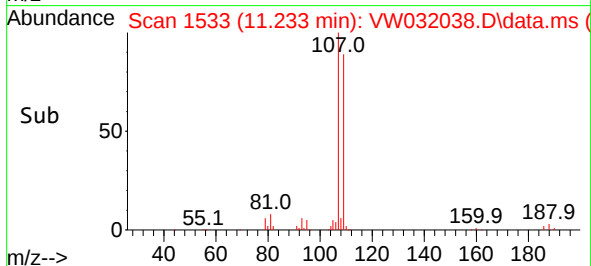
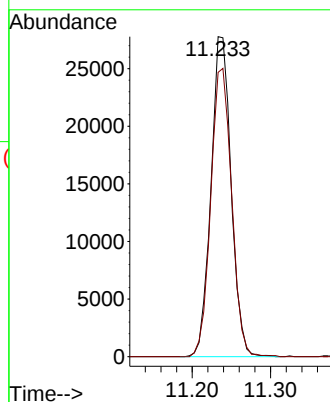
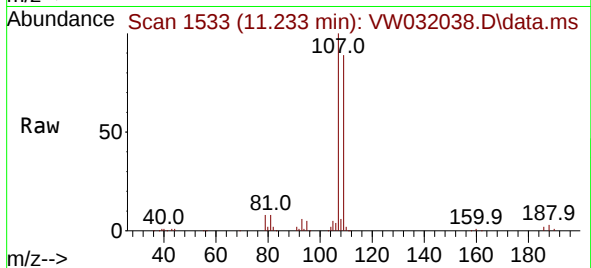




#61
1,2-Dibromoethane
Concen: 20.395 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

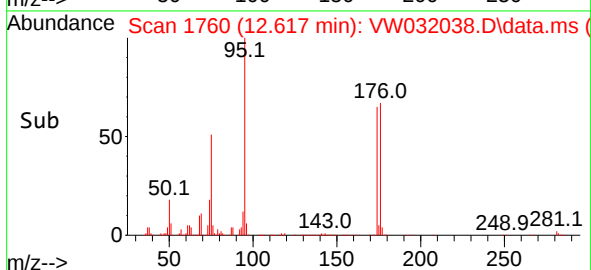
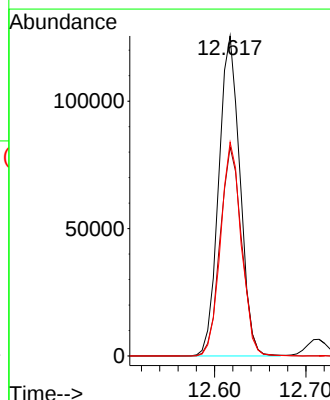
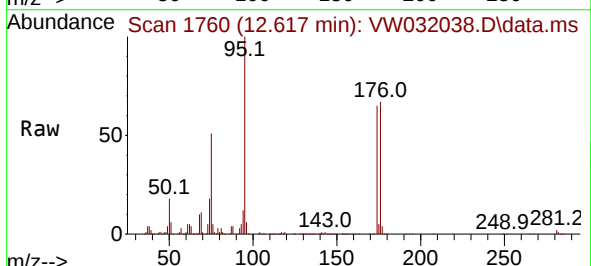
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

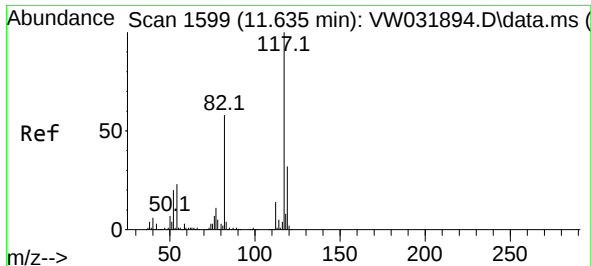
Tgt Ion:107 Resp: 49604
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.148 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 95 Resp: 202947
Ion Ratio Lower Upper
95 100
174 66.3 0.0 129.8
176 65.2 0.0 130.4

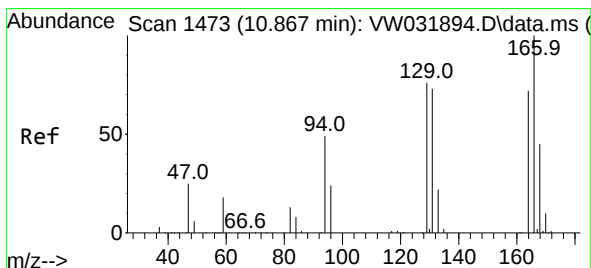
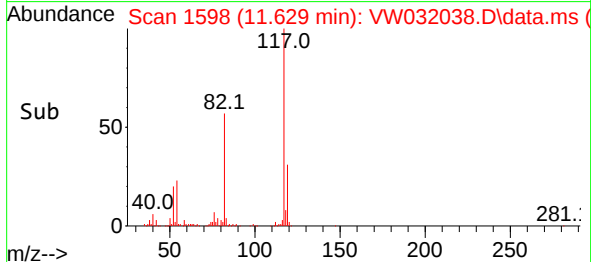
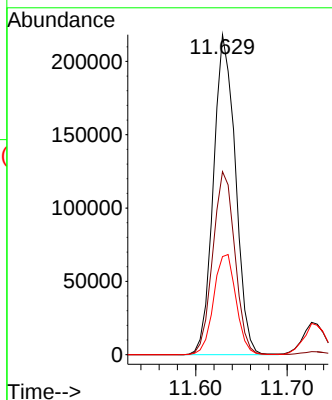
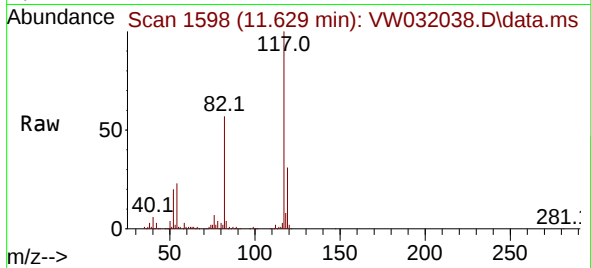




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

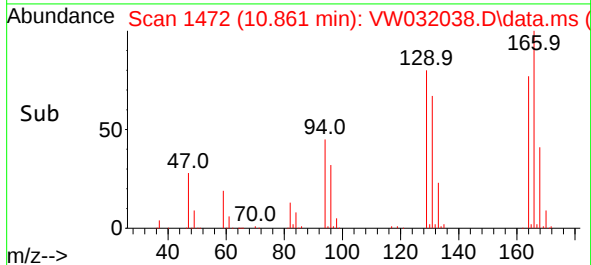
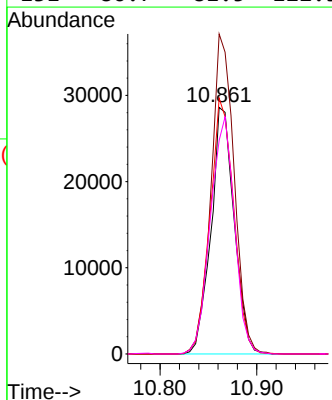
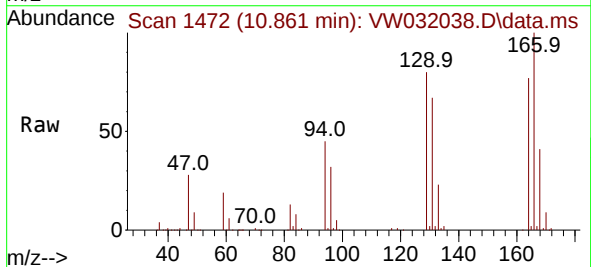
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

Tgt Ion:117 Resp: 364622
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 30.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.784 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion:164 Resp: 47561
Ion Ratio Lower Upper
164 100
166 129.8 111.5 167.3
129 103.7 85.1 127.7
131 86.7 81.5 122.3





#65

Chlorobenzene

Concen: 19.200 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

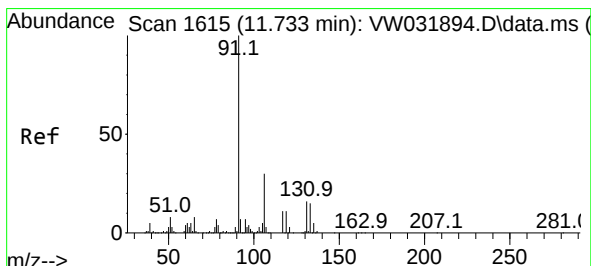
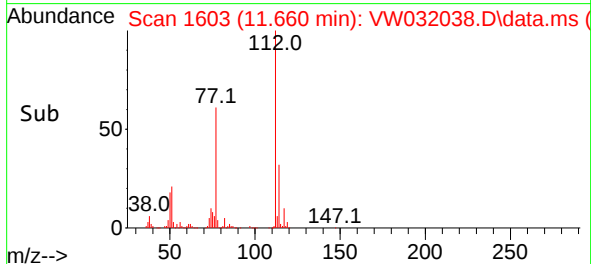
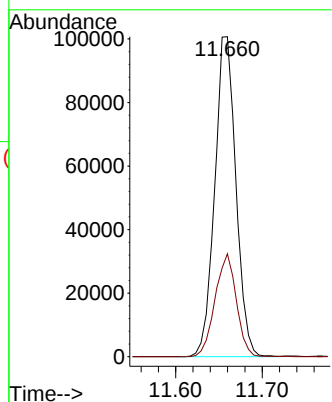
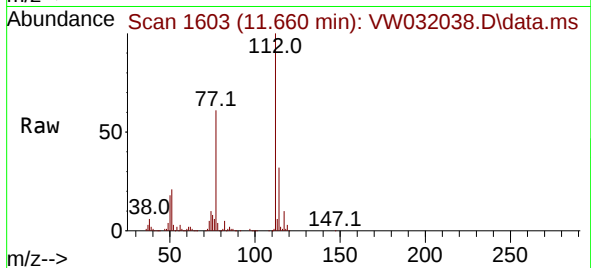
VW0807SBS01

Tgt Ion:112 Resp: 171341

Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.990 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

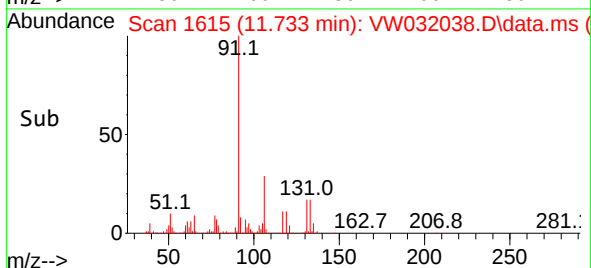
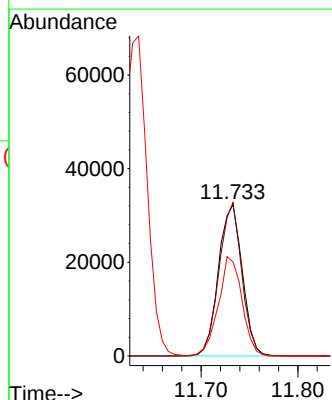
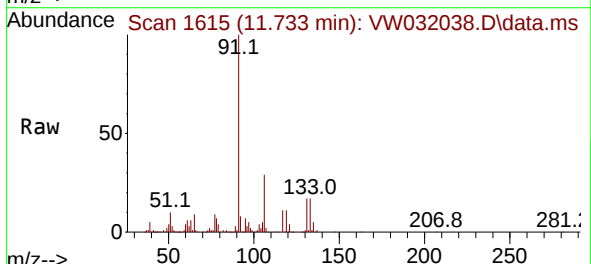
Tgt Ion:131 Resp: 55304

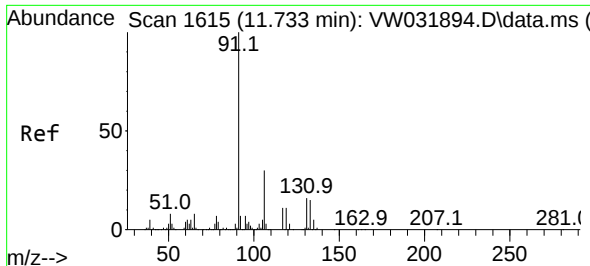
Ion Ratio Lower Upper

131 100

133 96.7 48.1 144.4

119 64.8 33.7 101.1

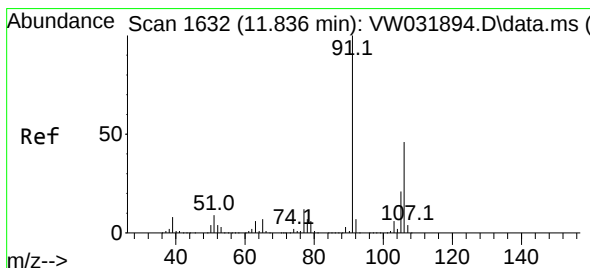
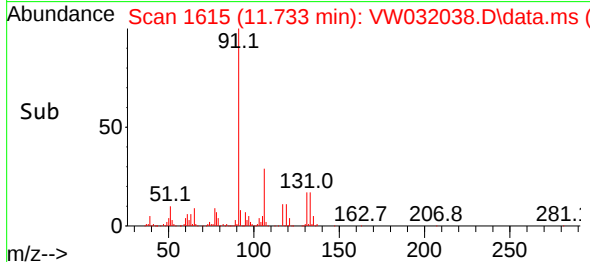
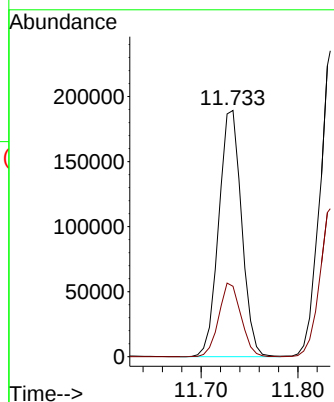
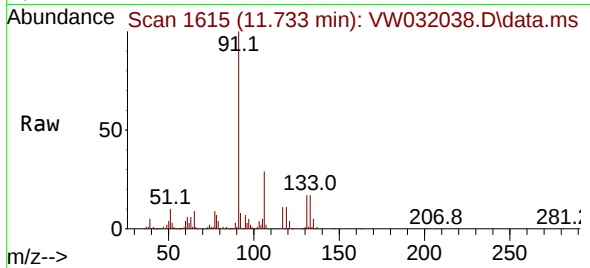




#67
Ethyl Benzene
Concen: 19.805 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

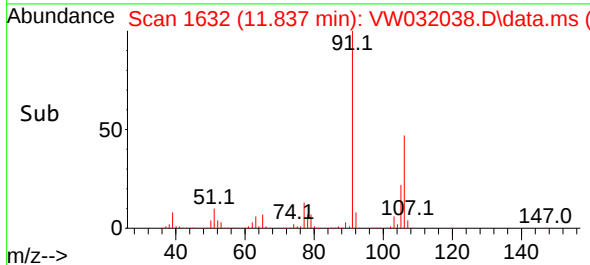
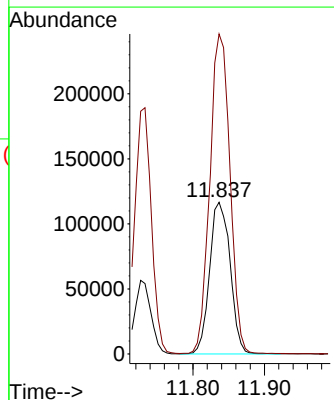
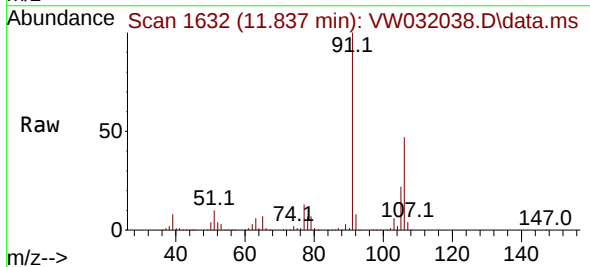
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

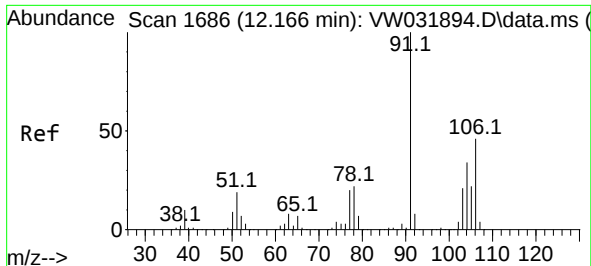
Tgt Ion: 91 Resp: 310524
Ion Ratio Lower Upper
91 100
106 28.6 23.8 35.6



#68
m/p-Xylenes
Concen: 39.447 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion:106 Resp: 232839
Ion Ratio Lower Upper
106 100
91 207.2 167.7 251.5

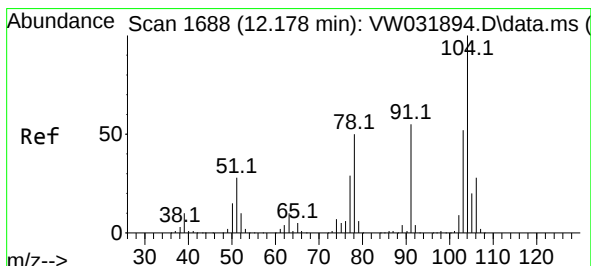
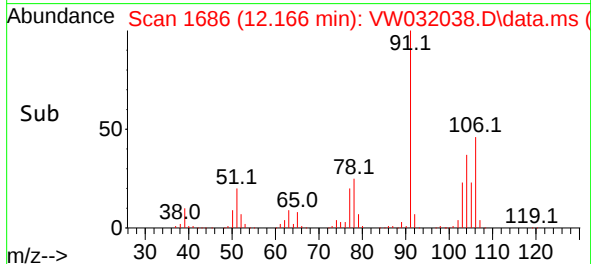
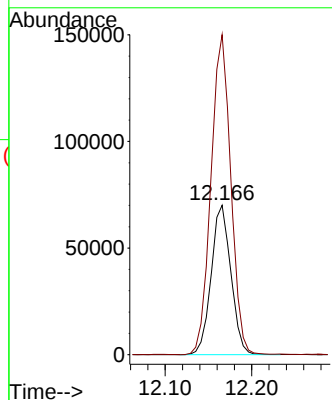
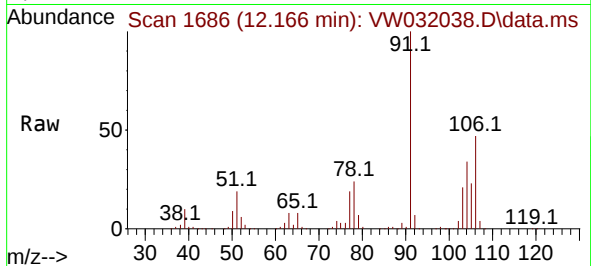




#69
o-Xylene
Concen: 19.800 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

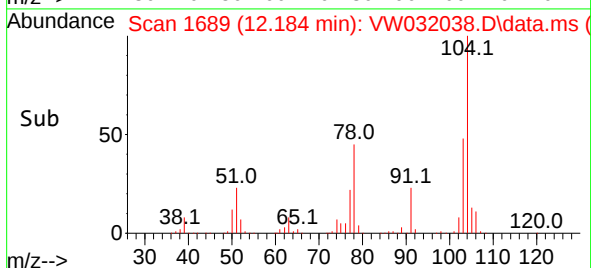
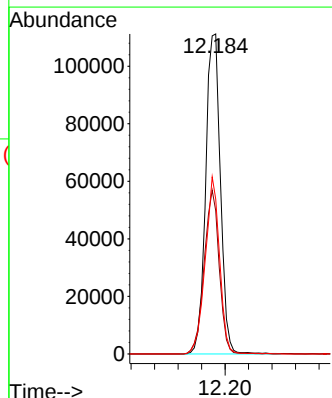
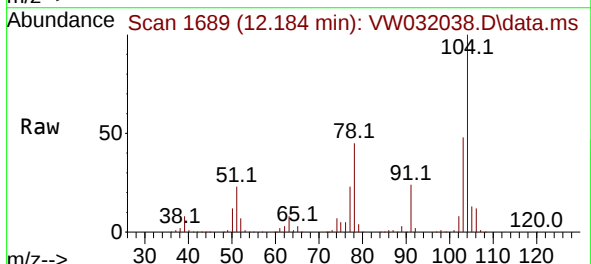
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

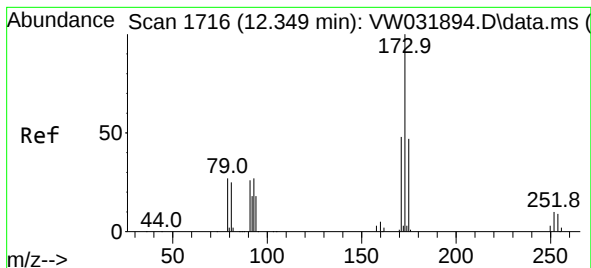
Tgt Ion:106 Resp: 110605
Ion Ratio Lower Upper
106 100
91 216.1 108.2 324.6



#70
Styrene
Concen: 20.430 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion:104 Resp: 194305
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.4
103 53.9 42.8 64.2





#71

Bromoform

Concen: 19.808 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

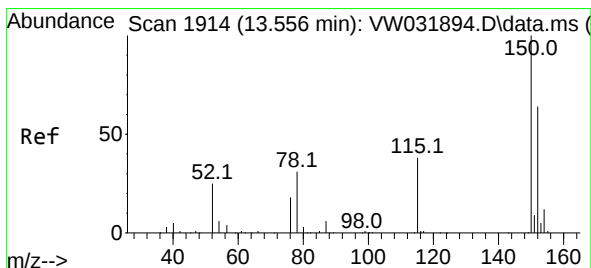
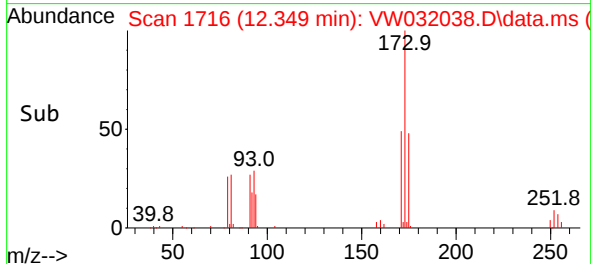
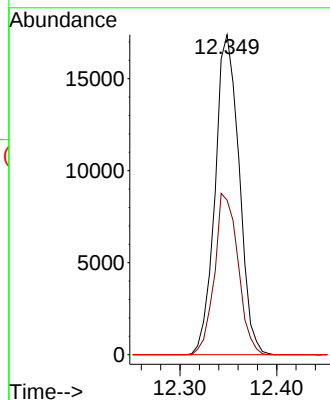
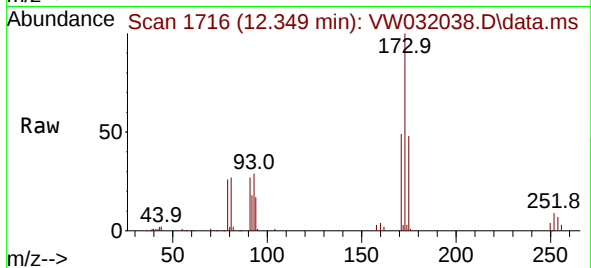
Tgt Ion:173 Resp: 29970

Ion Ratio Lower Upper

173 100

175 49.4 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: VW032038.D

Acq: 07 Aug 2025 12:20

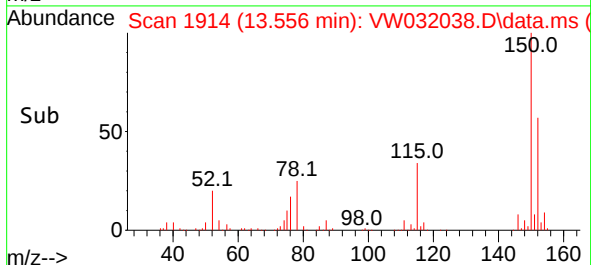
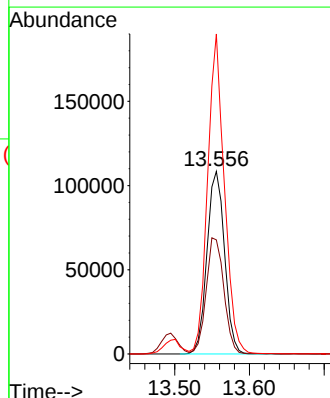
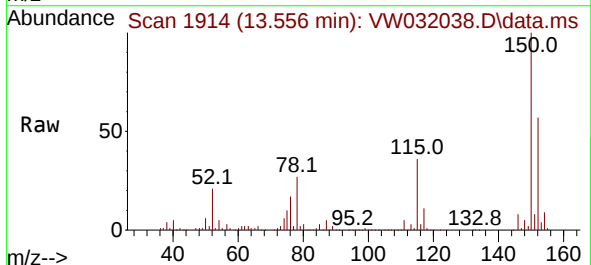
Tgt Ion:152 Resp: 176923

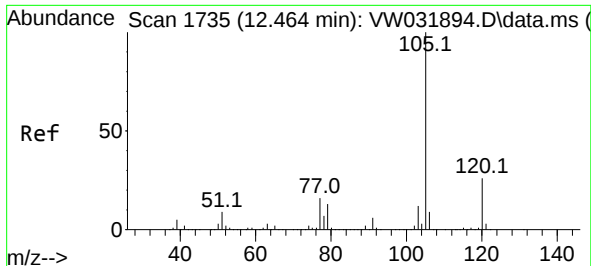
Ion Ratio Lower Upper

152 100

115 64.4 33.4 100.1

150 166.4 0.0 352.2

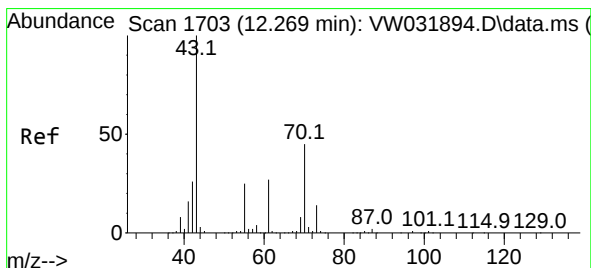
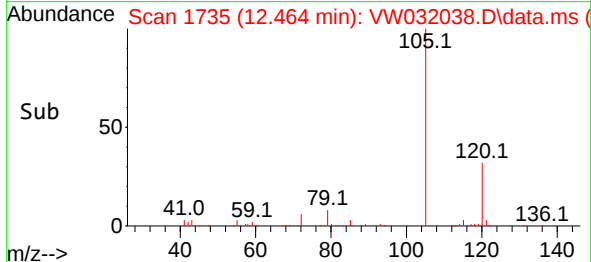
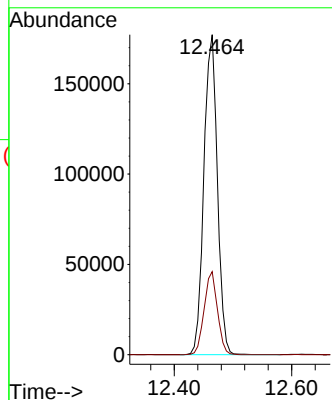
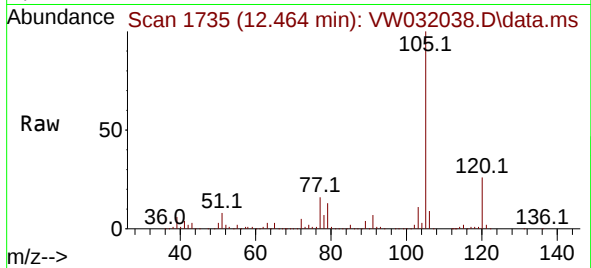




#73
Isopropylbenzene
Concen: 18.391 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

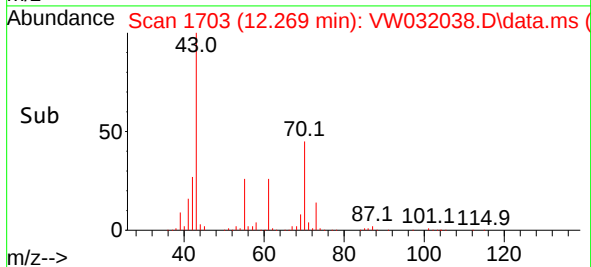
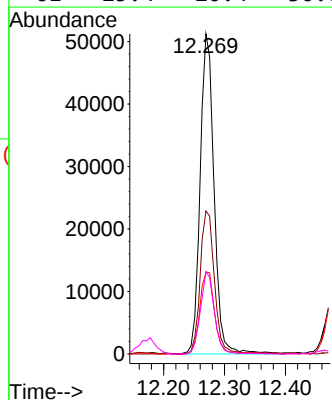
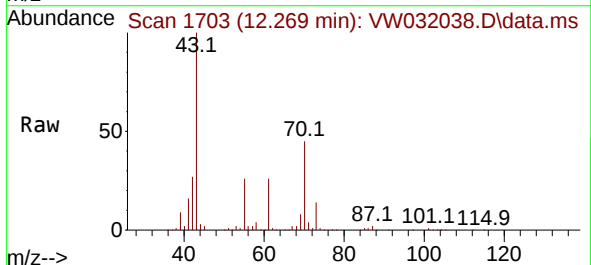
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

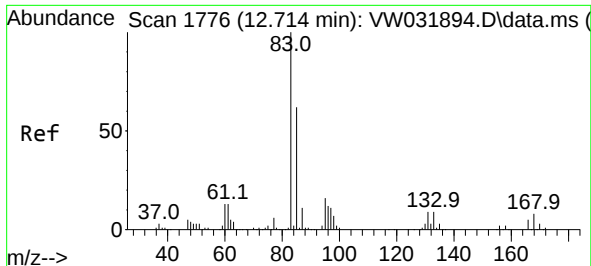
Tgt Ion:105 Resp: 282323
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.8



#74
N-ethyl acetate
Concen: 19.622 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 43 Resp: 81433
Ion Ratio Lower Upper
43 100
70 45.5 36.6 55.0
55 27.2 20.7 31.1
61 25.4 20.4 30.6

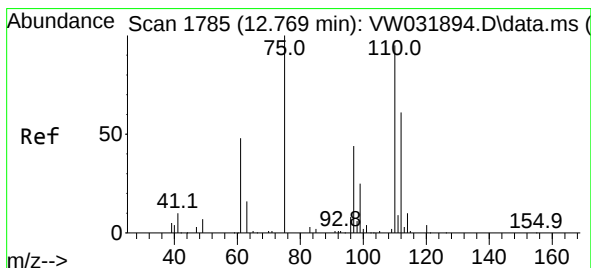
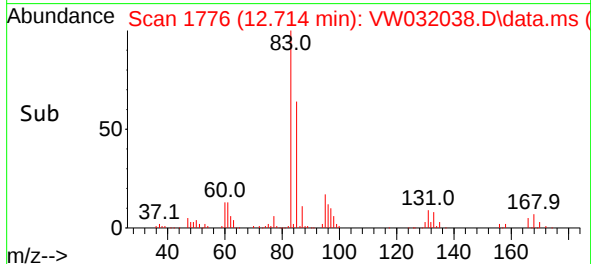
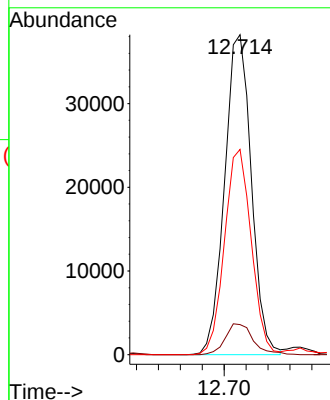
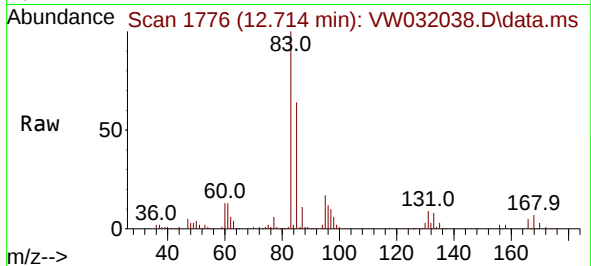




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.866 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

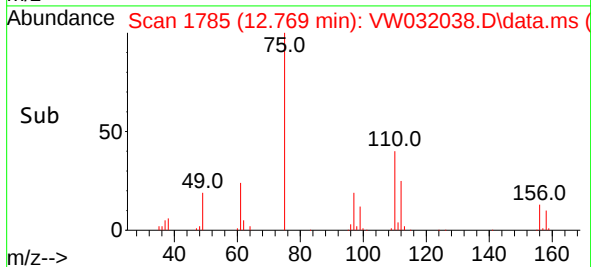
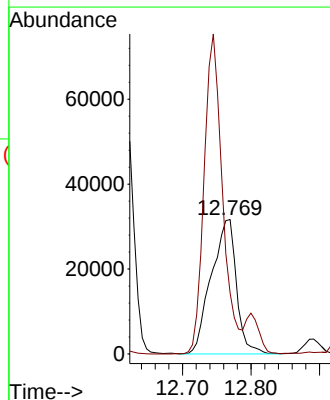
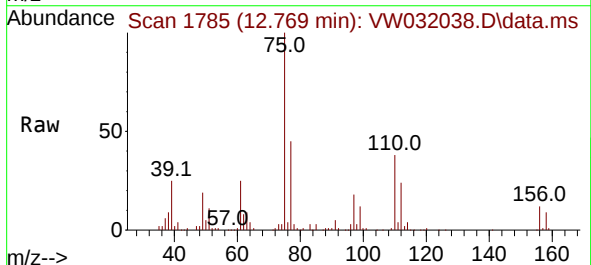
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBS01

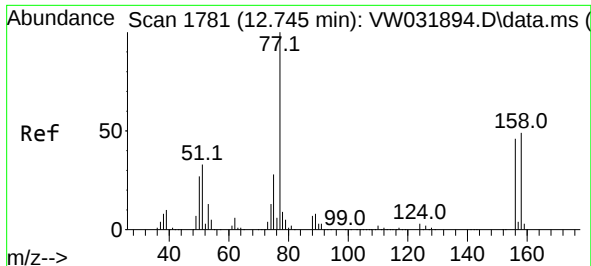
Tgt Ion: 83 Resp: 64731
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 64.3 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 33.145 ug/l
 RT: 12.769 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

Tgt Ion: 75 Resp: 80964
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

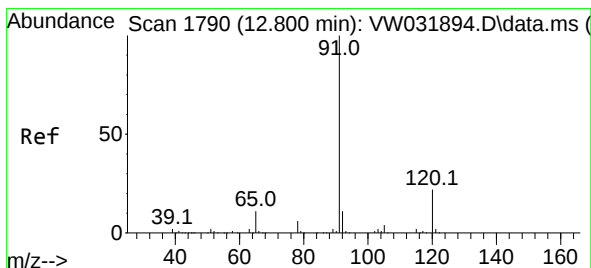
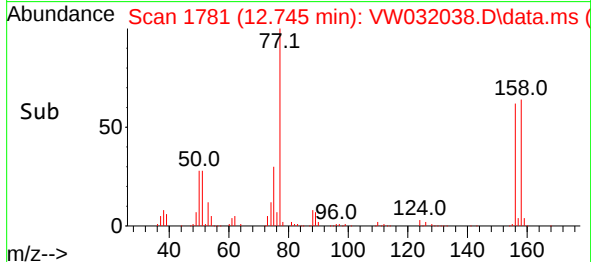
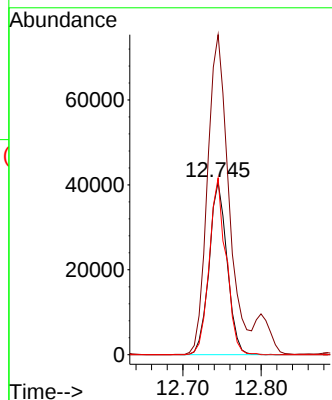
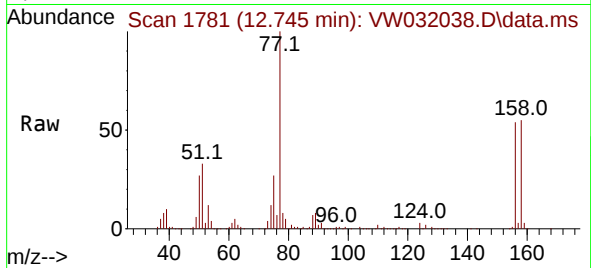




#77
Bromobenzene
Concen: 19.455 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

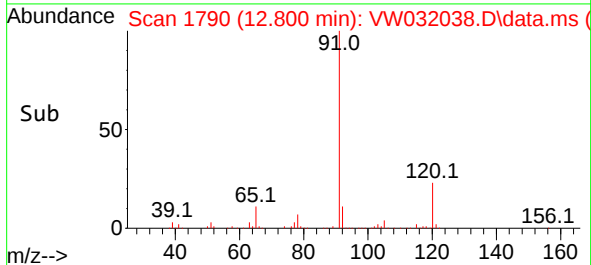
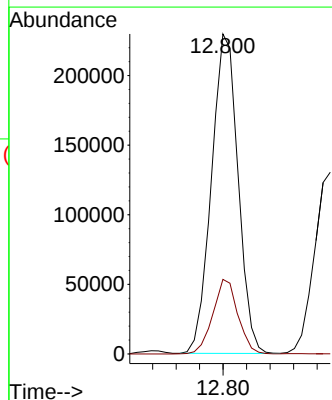
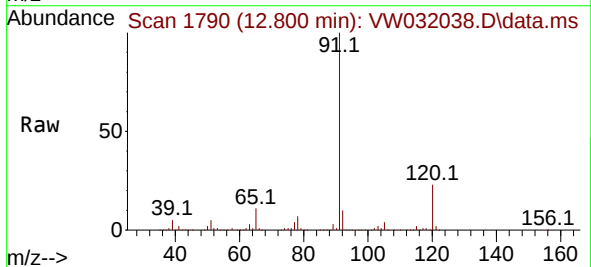
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

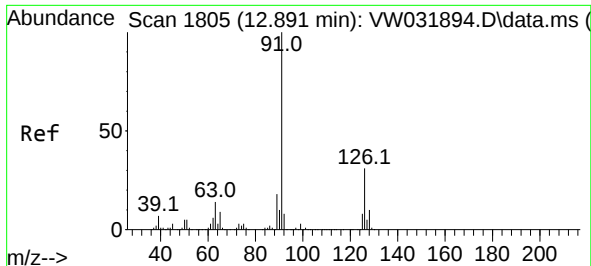
Tgt Ion:156 Resp: 64620
Ion Ratio Lower Upper
156 100
77 219.9 115.3 345.8
158 96.6 50.1 150.3



#78
n-propylbenzene
Concen: 19.158 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 91 Resp: 361194
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6

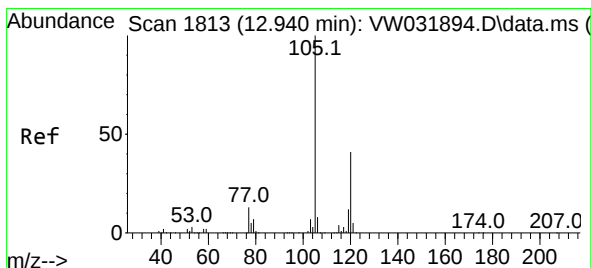
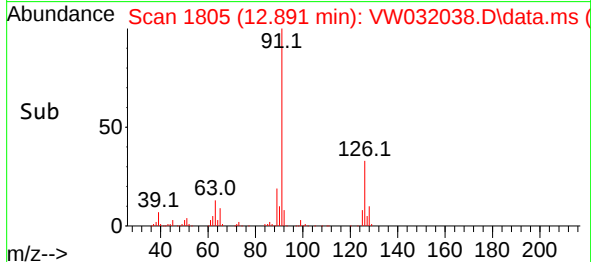
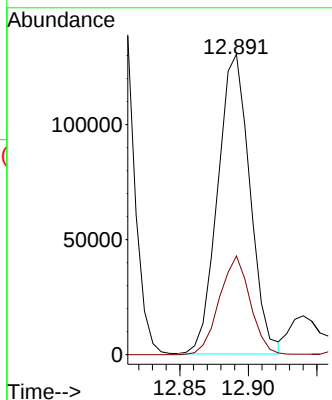
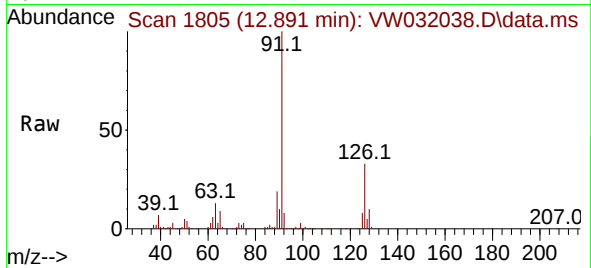




#79
2-Chlorotoluene
Concen: 18.973 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

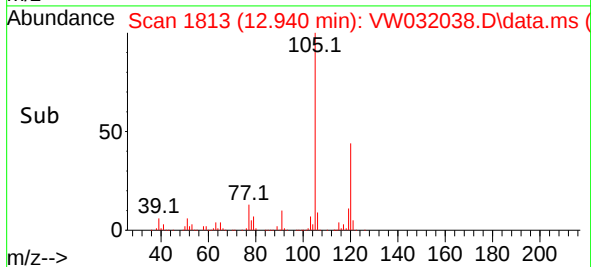
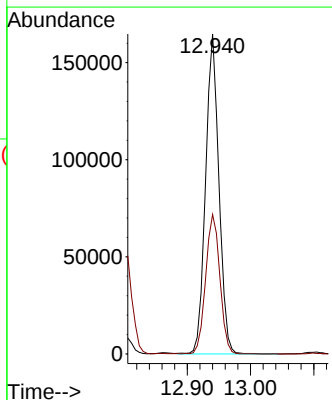
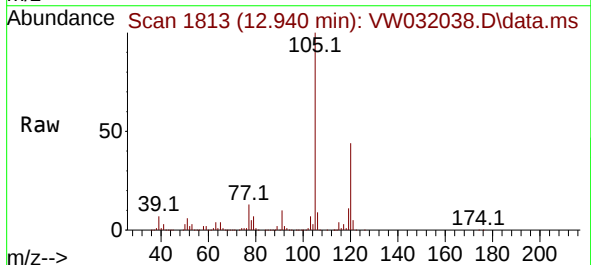
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

Tgt Ion: 91 Resp: 213575
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 18.799 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 105 Resp: 242025
Ion Ratio Lower Upper
105 100
120 46.4 23.5 70.5

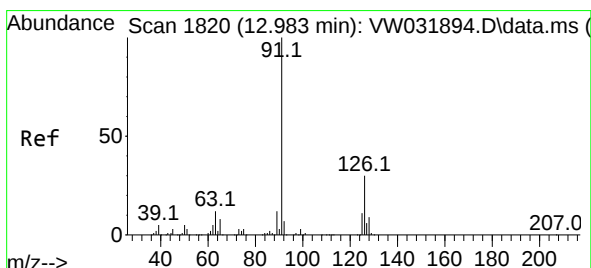
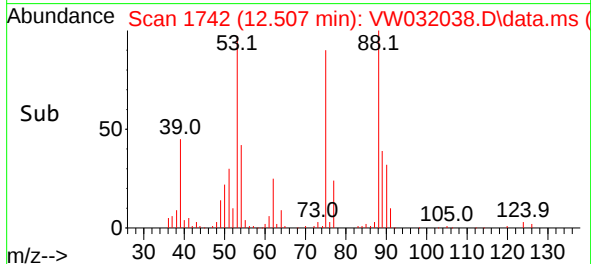
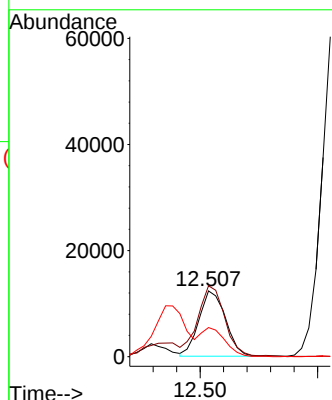
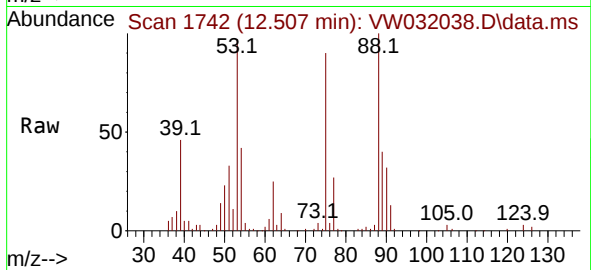




#81
trans-1,4-Dichloro-2-butene
Concen: 18.269 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

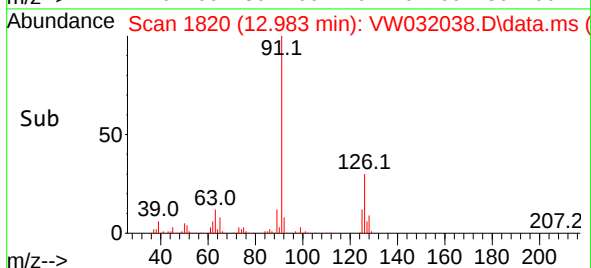
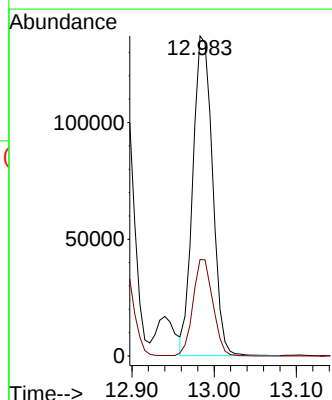
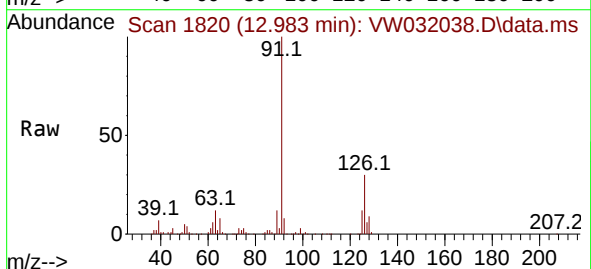
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

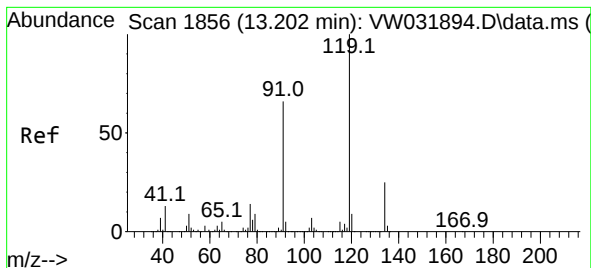
Tgt Ion: 75 Resp: 19329
Ion Ratio Lower Upper
75 100
53 111.7 83.7 125.5
89 41.1 39.0 58.6



#82
4-Chlorotoluene
Concen: 19.255 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 91 Resp: 227385
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.3

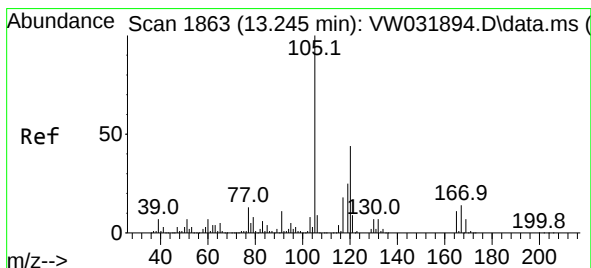
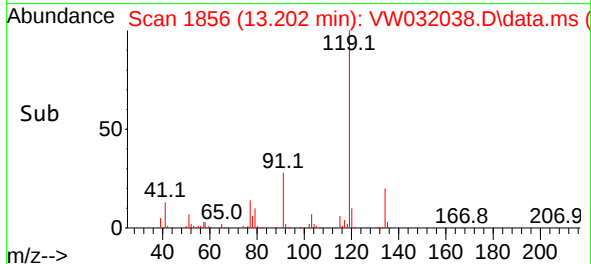
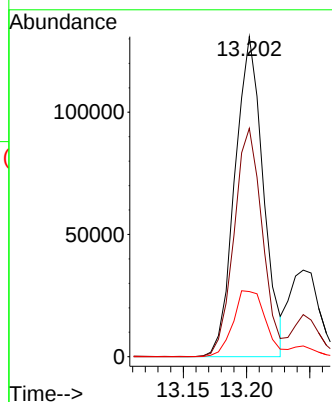
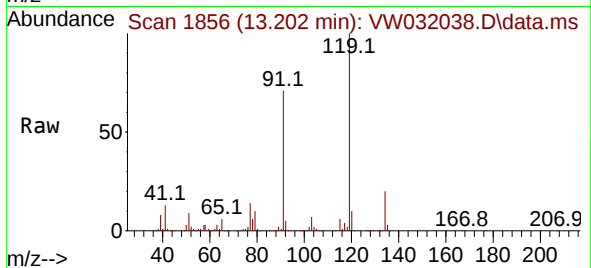




#83
 tert-Butylbenzene
 Concen: 18.666 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

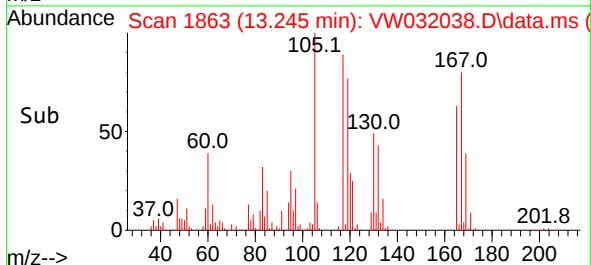
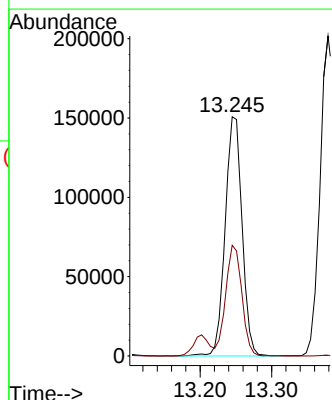
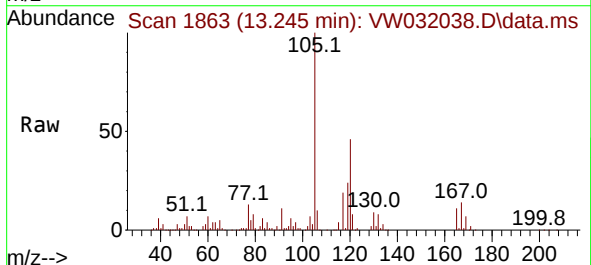
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBS01

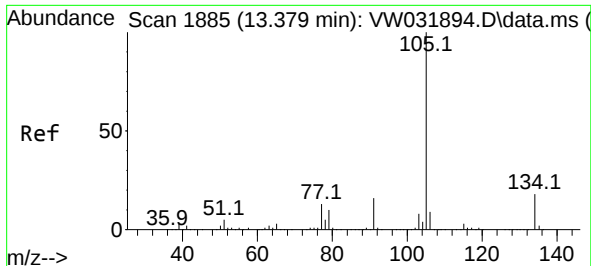
Tgt Ion:119 Resp: 204705
 Ion Ratio Lower Upper
 119 100
 91 70.9 35.5 106.5
 134 23.7 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.976 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

Tgt Ion:105 Resp: 247279
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.3 63.9

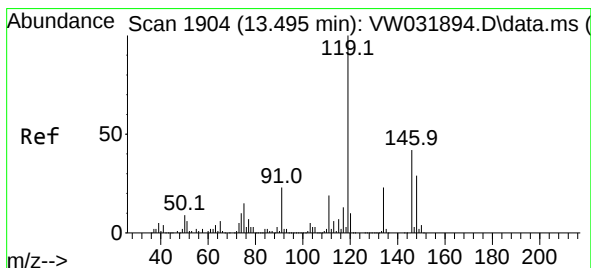
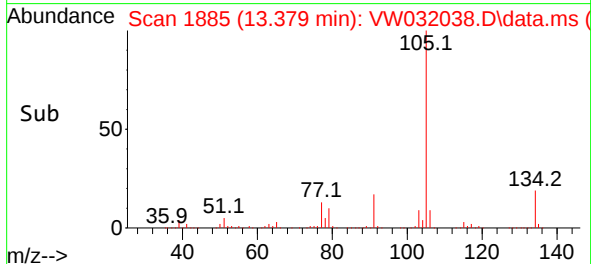
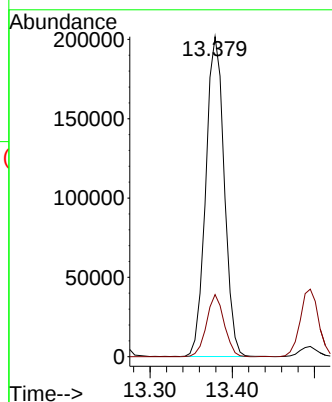
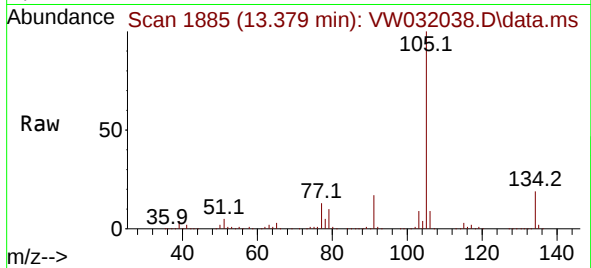




#85
 sec-Butylbenzene
 Concen: 19.084 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

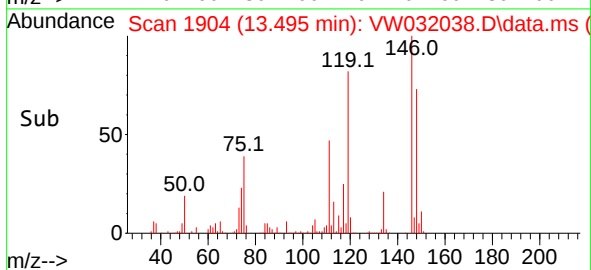
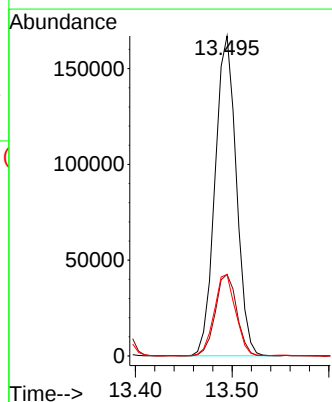
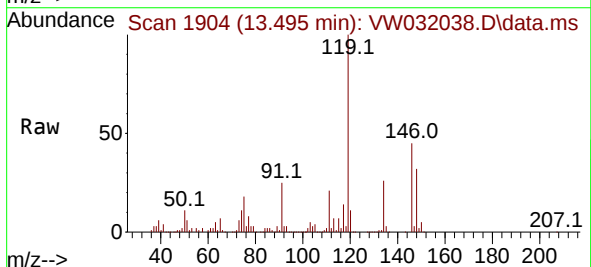
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBS01

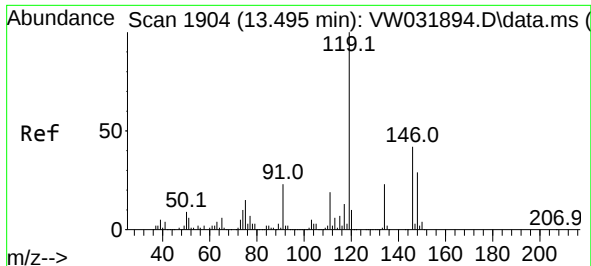
Tgt Ion:105 Resp: 314300
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 18.693 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032038.D
 Acq: 07 Aug 2025 12:20

Tgt Ion:119 Resp: 254465
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 25.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.440 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

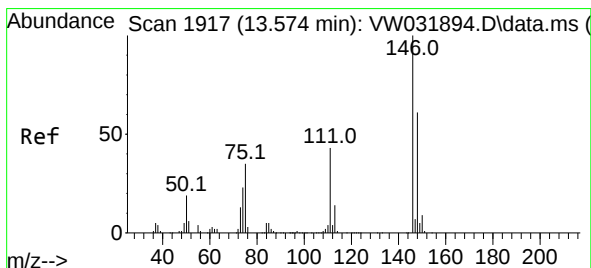
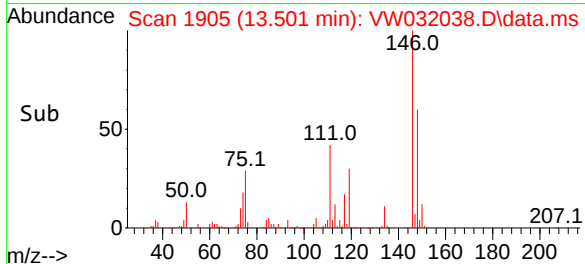
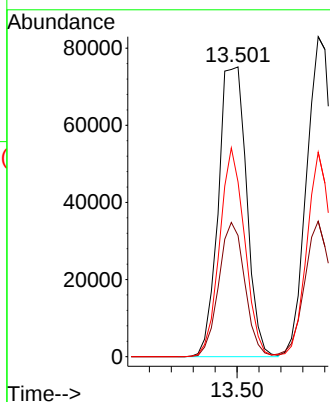
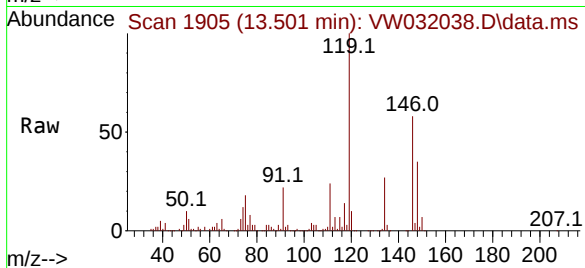
Tgt Ion:146 Resp: 134403

Ion Ratio Lower Upper

146 100

111 42.7 21.9 65.7

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.215 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

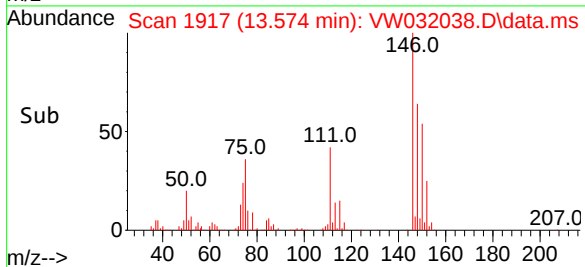
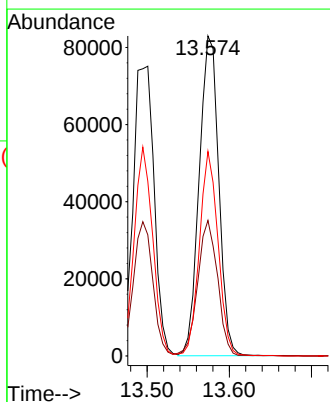
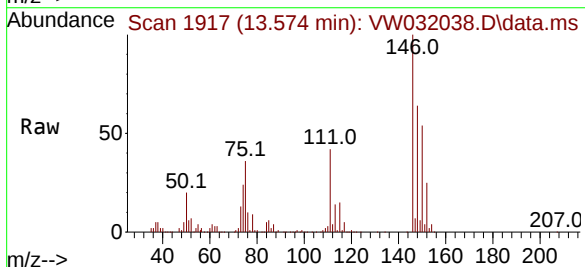
Tgt Ion:146 Resp: 136912

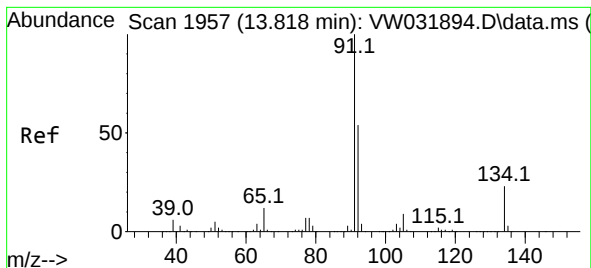
Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.3

148 61.3 31.8 95.3

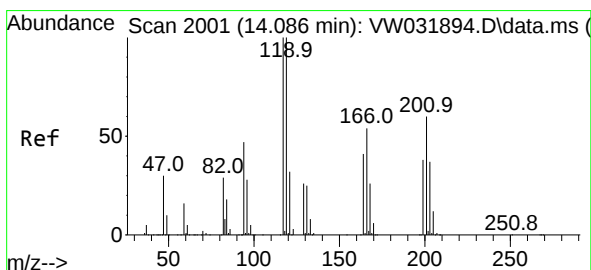
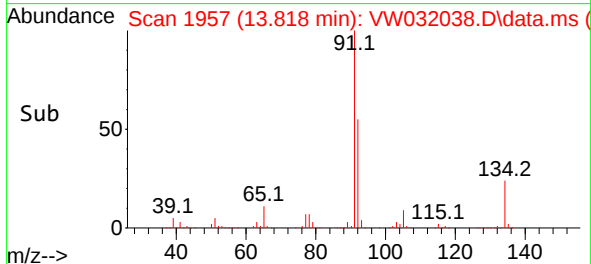
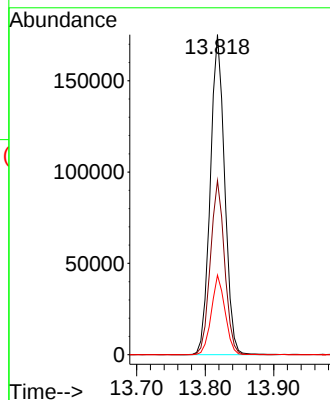
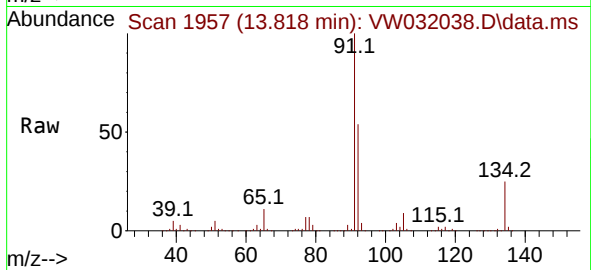




#89
n-Butylbenzene
Concen: 19.126 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

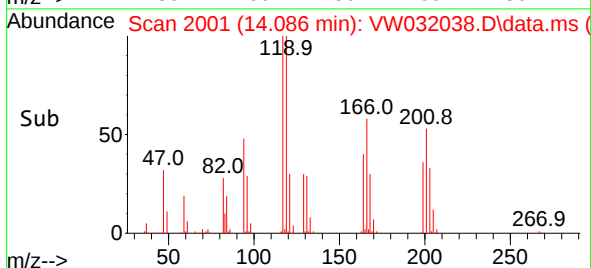
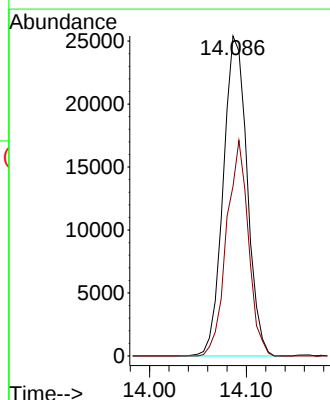
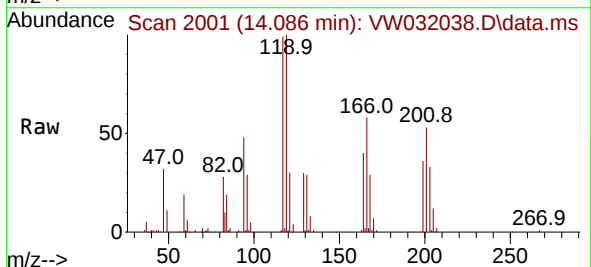
Instrument :
MSVOA_W
ClientSampleId :
VW0807SBS01

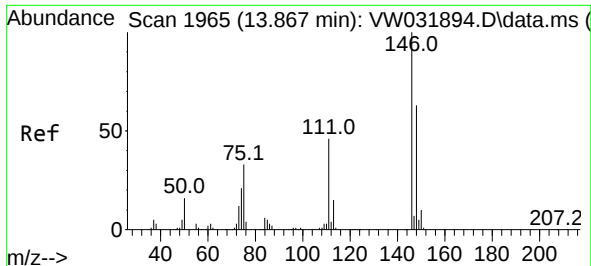
Tgt Ion: 91 Resp: 255398
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.5
134 23.7 11.6 34.7



#90
Hexachloroethane
Concen: 18.500 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032038.D
Acq: 07 Aug 2025 12:20

Tgt Ion: 117 Resp: 43546
Ion Ratio Lower Upper
117 100
201 61.5 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 19.789 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

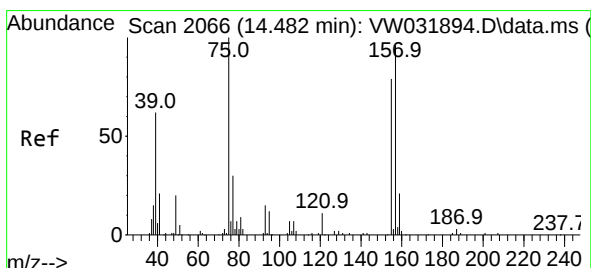
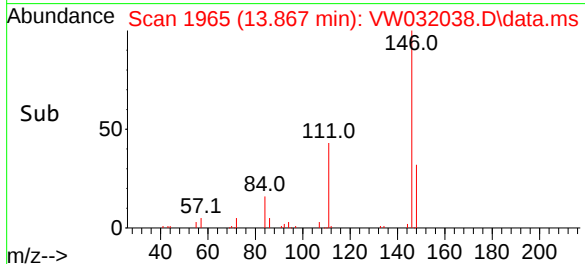
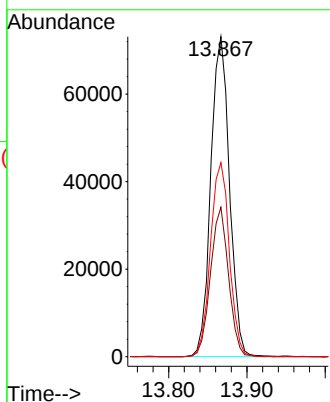
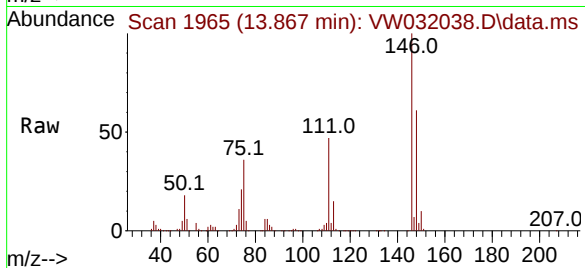
Tgt Ion:146 Resp: 121255

Ion Ratio Lower Upper

146 100

111 45.1 23.6 71.0

148 61.2 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.455 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

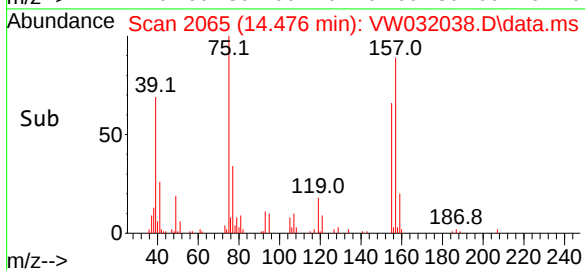
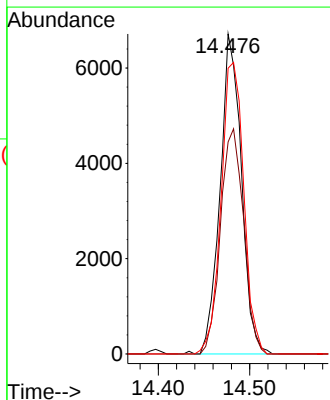
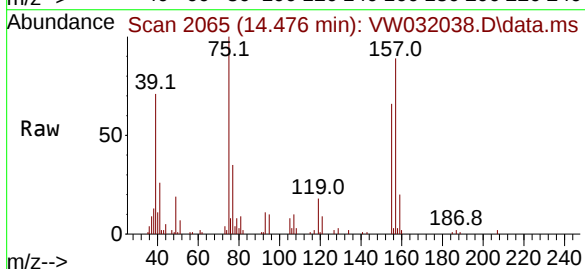
Tgt Ion: 75 Resp: 10864

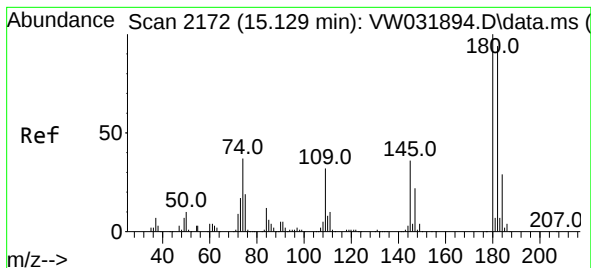
Ion Ratio Lower Upper

75 100

155 76.6 35.9 107.7

157 97.1 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 19.229 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

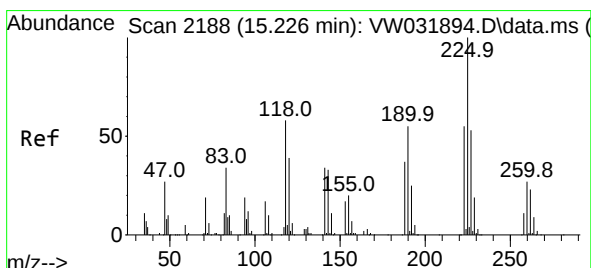
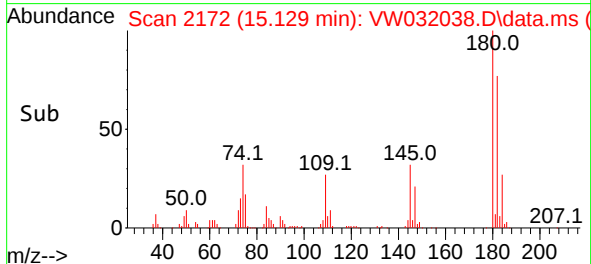
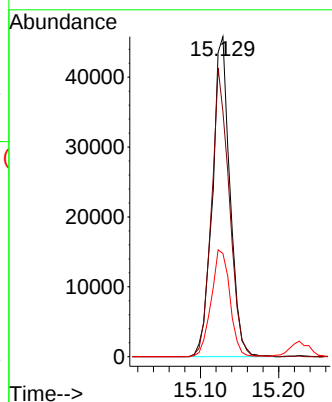
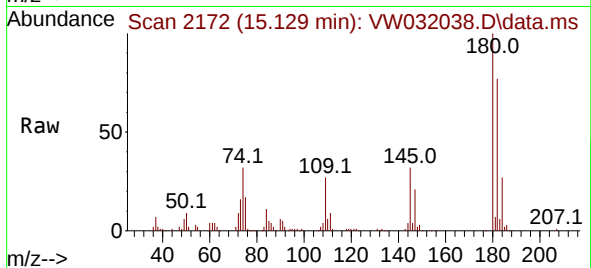
Tgt Ion:180 Resp: 71058

Ion Ratio Lower Upper

180 100

182 91.1 51.0 153.1

145 35.7 18.4 55.4



#94

Hexachlorobutadiene

Concen: 17.024 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

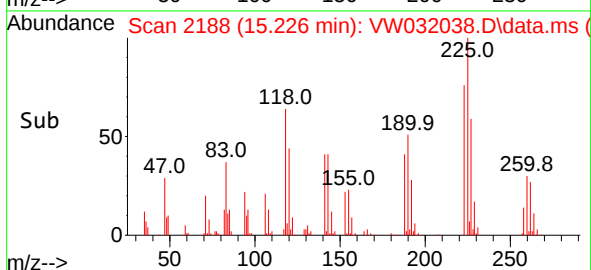
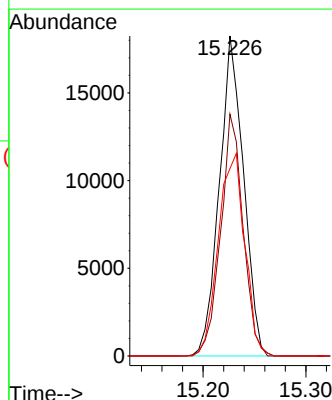
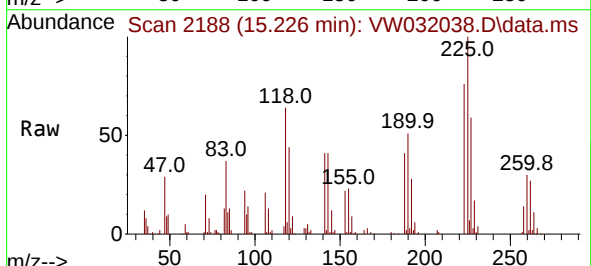
Tgt Ion:225 Resp: 29810

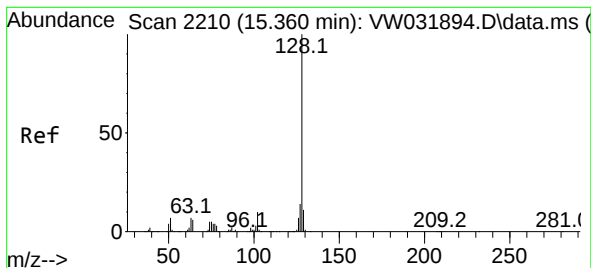
Ion Ratio Lower Upper

225 100

223 69.8 30.9 92.7

227 68.9 30.0 90.1





#95

Naphthalene

Concen: 19.411 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0807SBS01

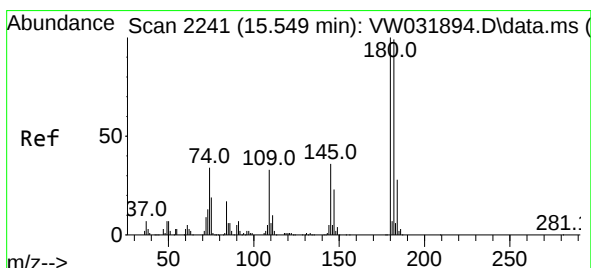
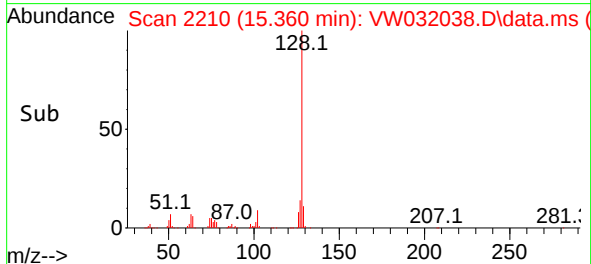
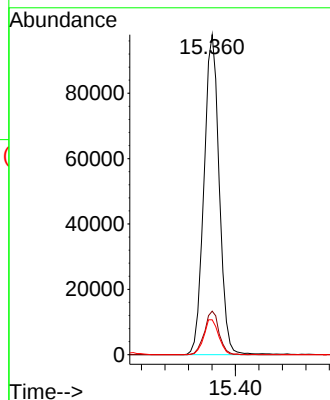
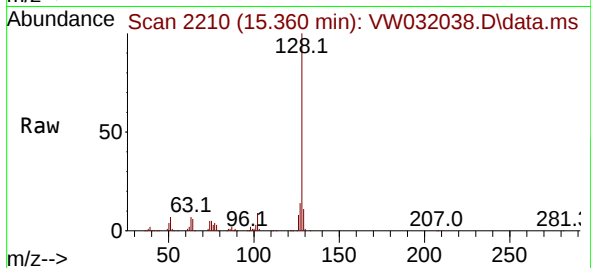
Tgt Ion:128 Resp: 176347

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.7 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 19.930 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032038.D

Acq: 07 Aug 2025 12:20

Tgt Ion:180 Resp: 66726

Ion Ratio Lower Upper

180 100

182 91.3 50.4 151.2

145 36.3 18.6 55.8

