

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032061.D
 Acq On : 11 Aug 2025 12:48
 Operator : SY/MD
 Sample : VW0811SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBS01

Quant Time: Aug 12 04:23:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	224181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	427747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	394820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	191594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	164557	50.753	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.500%	
35) Dibromofluoromethane	7.898	113	135084	48.883	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 97.760%	
50) Toluene-d8	10.325	98	508647	49.765	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.617	95	197267	52.373	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 104.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	34210	21.336	ug/l	99
3) Chloromethane	2.253	50	44827	20.755	ug/l	100
4) Vinyl Chloride	2.405	62	55119	21.098	ug/l	96
5) Bromomethane	2.814	94	42172	21.516	ug/l	100
6) Chloroethane	2.972	64	36005	20.827	ug/l	93
7) Trichlorofluoromethane	3.302	101	36824	17.595	ug/l	97
8) Diethyl Ether	3.716	74	36836	21.483	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.094	101	49645	20.107	ug/l	99
10) Methyl Iodide	4.301	142	76912	21.970	ug/l	99
11) Tert butyl alcohol	5.222	59	21680	103.263	ug/l	99
12) 1,1-Dichloroethene	4.076	96	55559	20.435	ug/l	98
13) Acrolein	3.923	56	37149	111.050	ug/l	100
14) Allyl chloride	4.704	41	84834	21.439	ug/l	100
15) Acrylonitrile	5.399	53	86103	105.428	ug/l	99
16) Acetone	4.155	43	86915	115.783	ug/l	99
17) Carbon Disulfide	4.417	76	147760	20.248	ug/l	97
18) Methyl Acetate	4.704	43	51464	21.665	ug/l	99
19) Methyl tert-butyl Ether	5.454	73	104973	21.914	ug/l	99
20) Methylene Chloride	4.948	84	74303	21.408	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	59717	20.698	ug/l	96
22) Diisopropyl ether	6.338	45	180946	21.692	ug/l	98
23) Vinyl Acetate	6.283	43	585943	106.987	ug/l	99
24) 1,1-Dichloroethane	6.240	63	111769	20.971	ug/l	97
25) 2-Butanone	7.191	43	119059	111.594	ug/l	99
26) 2,2-Dichloropropane	7.185	77	55490	20.753	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	71568	21.221	ug/l	97
28) Bromochloromethane	7.526	49	49722	20.501	ug/l	100
29) Tetrahydrofuran	7.551	42	75818	107.756	ug/l	100
30) Chloroform	7.691	83	119431	21.137	ug/l	99
31) Cyclohexane	7.965	56	92372	19.992	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	84982	20.707	ug/l	97
36) 1,1-Dichloropropene	8.093	75	78541	20.161	ug/l	99
37) Ethyl Acetate	7.270	43	48130	20.977	ug/l	99
38) Carbon Tetrachloride	8.081	117	75079	19.971	ug/l	92
39) Methylcyclohexane	9.343	83	94968	20.000	ug/l	93
40) Benzene	8.337	78	254209	20.993	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	28577	21.963	ug/l	98
42) 1,2-Dichloroethane	8.410	62	81049	20.917	ug/l	98
43) Isopropyl Acetate	8.435	43	86573	20.509	ug/l	99
44) Trichloroethene	9.099	130	58362	20.238	ug/l	99
45) 1,2-Dichloropropane	9.374	63	61430	20.998	ug/l	100
46) Dibromomethane	9.465	93	38496	20.389	ug/l	97
47) Bromodichloromethane	9.648	83	88565	20.356	ug/l	96
48) Methyl methacrylate	9.441	41	43518	21.354	ug/l	98
49) 1,4-Dioxane	9.459	88	9712	397.829	ug/l	97
51) 4-Methyl-2-Pentanone	10.209	43	253567	106.423	ug/l	99
52) Toluene	10.386	92	160474	21.039	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	83098	20.387	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	96489	20.866	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	52115	20.771	ug/l	98
56) Ethyl methacrylate	10.648	69	71491	21.293	ug/l	98
57) 1,3-Dichloropropane	10.934	76	91289	20.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	195002	105.002	ug/l	99
59) 2-Hexanone	10.971	43	178926	108.432	ug/l	99
60) Dibromochloromethane	11.129	129	58977	20.578	ug/l	97
61) 1,2-Dibromoethane	11.239	107	51647	21.183	ug/l	100
64) Tetrachloroethene	10.861	164	48059	21.074	ug/l	97
65) Chlorobenzene	11.660	112	173499	20.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	53383	19.910	ug/l	99
67) Ethyl Benzene	11.727	91	293010	20.129	ug/l	96
68) m/p-Xylenes	11.837	106	229740	40.901	ug/l	98
69) o-Xylene	12.166	106	110031	21.194	ug/l	95
70) Styrene	12.178	104	192666	20.893	ug/l	98
71) Bromoform	12.349	173	30108	19.630	ug/l #	97
73) Isopropylbenzene	12.465	105	266790	19.925	ug/l	99
74) N-amyl acetate	12.269	43	78852	20.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	63958	20.118	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	80336	30.894	ug/l	59
77) Bromobenzene	12.745	156	65314	20.423	ug/l	98
78) n-propylbenzene	12.800	91	339857	20.616	ug/l	98
79) 2-Chlorotoluene	12.885	91	209277	20.570	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	238429	20.975	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	18566	18.484	ug/l	92
82) 4-Chlorotoluene	12.983	91	222101	20.547	ug/l	100
83) tert-Butylbenzene	13.202	119	196393	20.817	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	241596	20.878	ug/l	99
85) sec-Butylbenzene	13.379	105	282666	19.818	ug/l	99
86) p-Isopropyltoluene	13.495	119	238749	20.078	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	129585	20.364	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	132968	20.677	ug/l	100
89) n-Butylbenzene	13.818	91	235392	20.377	ug/l	98
90) Hexachloroethane	14.092	117	41522	19.094	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	116780	20.259	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11343	20.070	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	67394	19.544	ug/l	99
94) Hexachlorobutadiene	15.226	225	31990	20.753	ug/l	93
95) Naphthalene	15.360	128	173199	20.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	67287	21.446	ug/l	99

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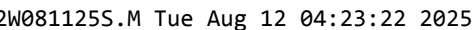
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

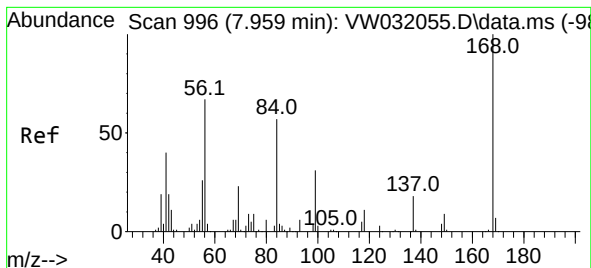
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032061.D

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Instrument :

MSVOA_W

ClientSampleId :

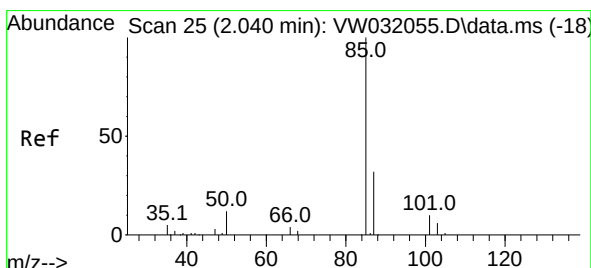
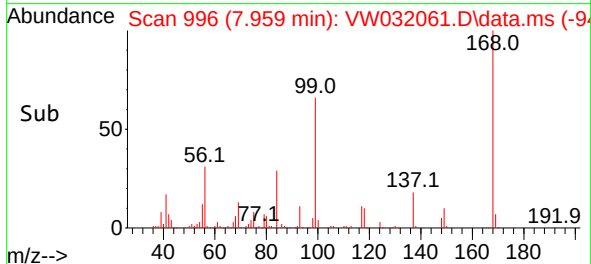
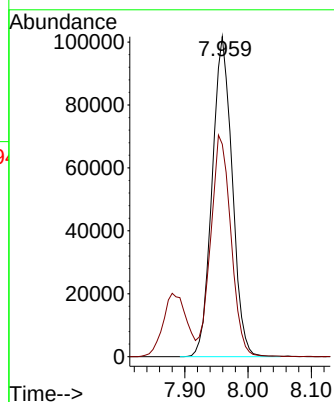
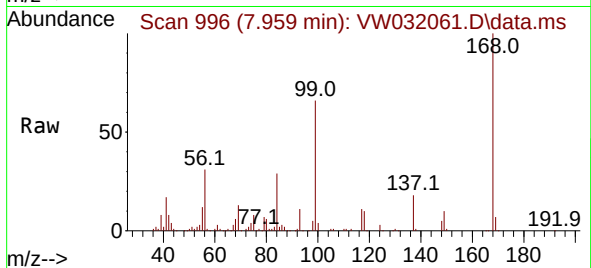
VW0811SBS01

Tgt Ion:168 Resp: 224181

Ion Ratio Lower Upper

168 100

99 66.2 56.0 84.0



#2

Dichlorodifluoromethane

Concen: 21.336 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.006 min

Lab File: VW032061.D

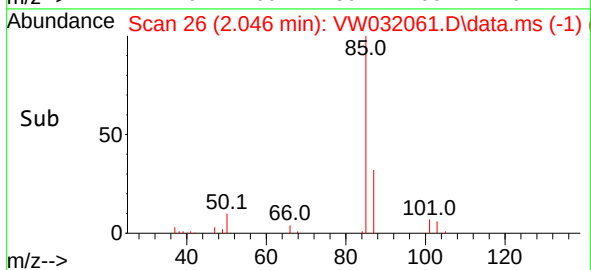
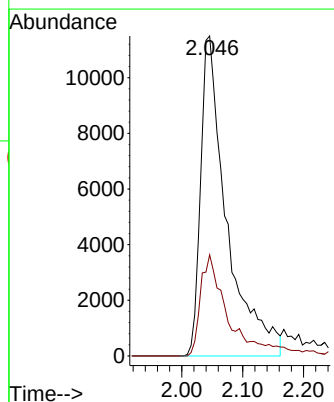
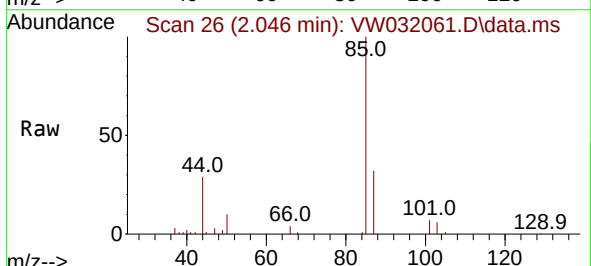
Acq: 11 Aug 2025 12:48

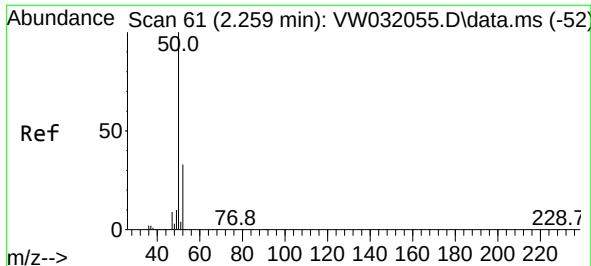
Tgt Ion: 85 Resp: 34210

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.6

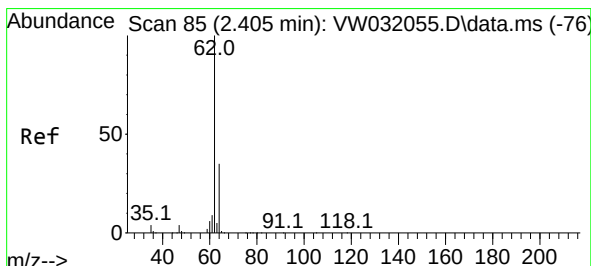
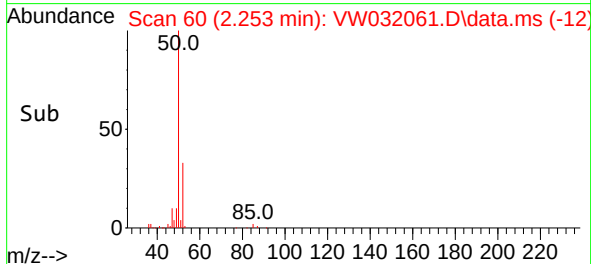
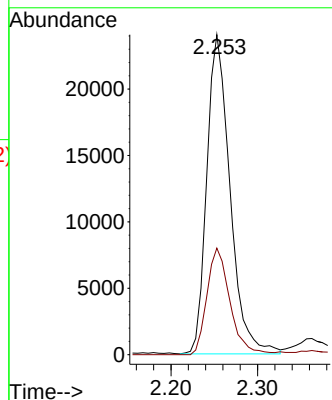
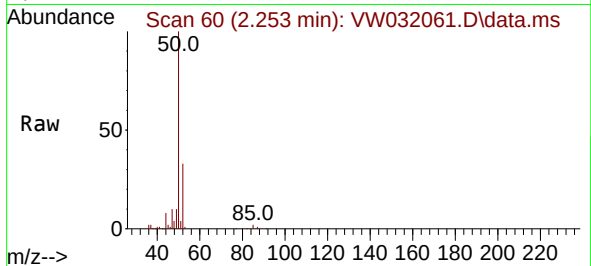




#3
Chloromethane
Concen: 20.755 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

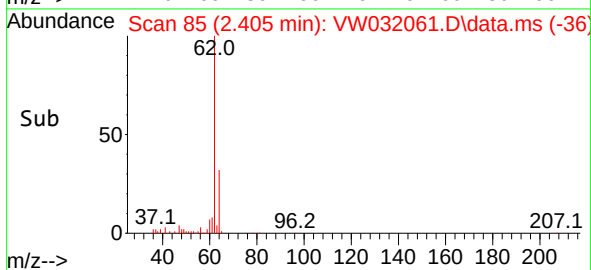
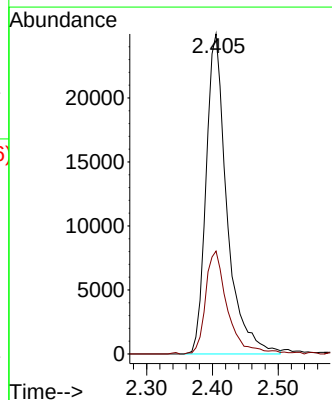
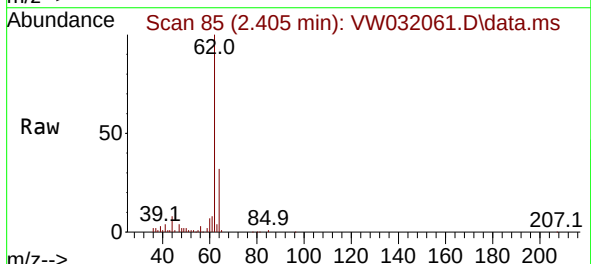
Instrument :
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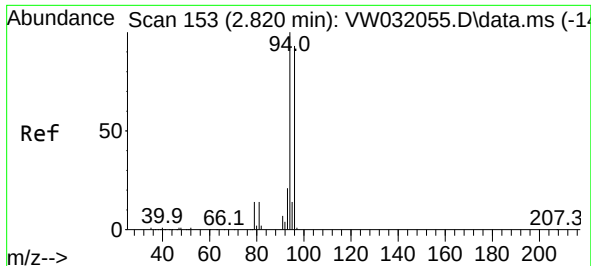
Tgt Ion: 50 Resp: 44827
Ion Ratio Lower Upper
50 100
52 33.4 26.6 39.8



#4
Vinyl Chloride
Concen: 21.098 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 62 Resp: 55119
Ion Ratio Lower Upper
62 100
64 32.2 27.8 41.6

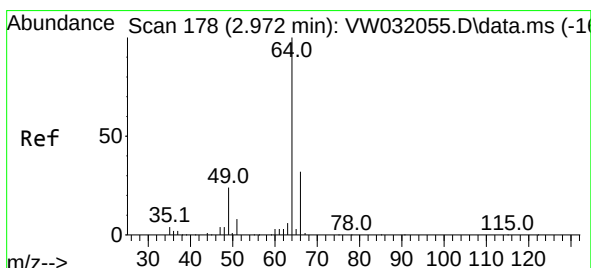
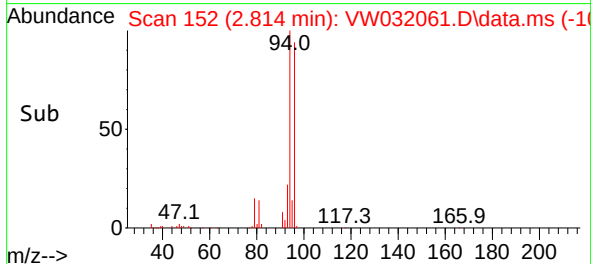
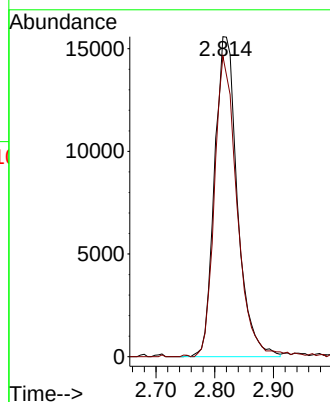
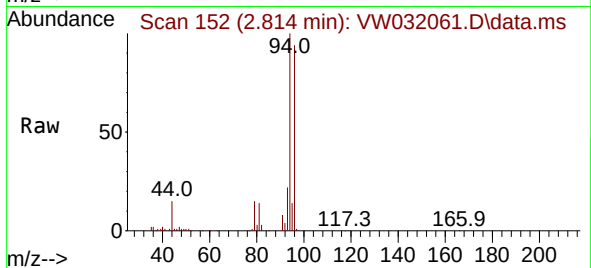




#5
Bromomethane
Concen: 21.516 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

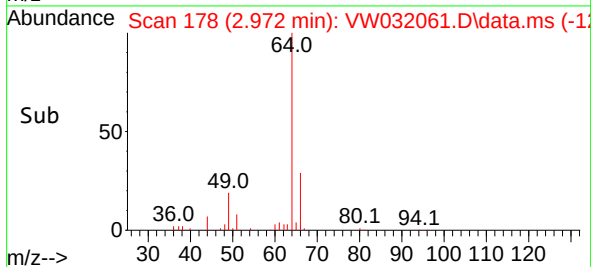
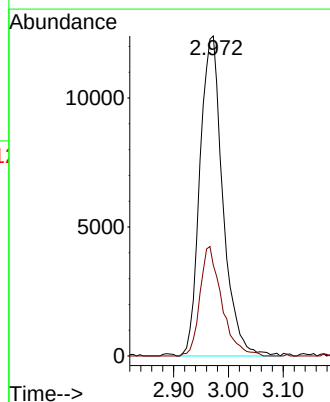
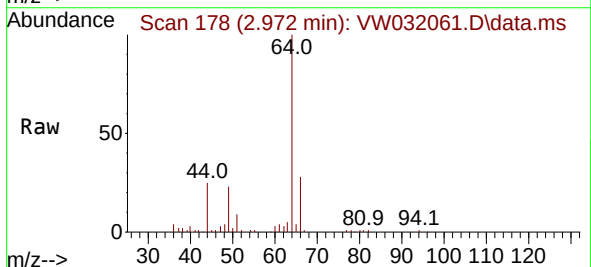
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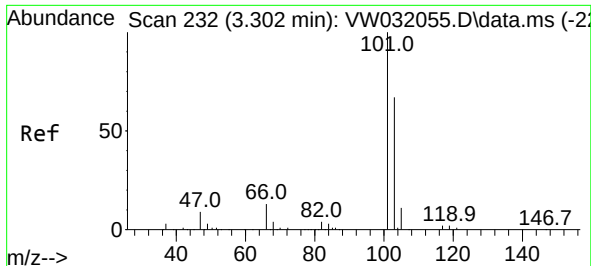
Tgt Ion: 94 Resp: 42172
Ion Ratio Lower Upper
94 100
96 93.9 74.7 112.1



#6
Chloroethane
Concen: 20.827 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 64 Resp: 36005
Ion Ratio Lower Upper
64 100
66 28.3 26.0 39.0

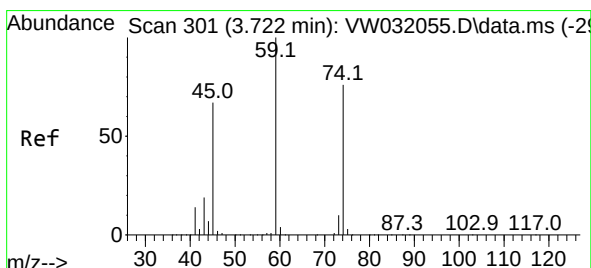
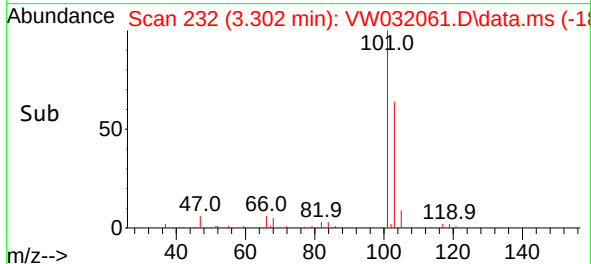
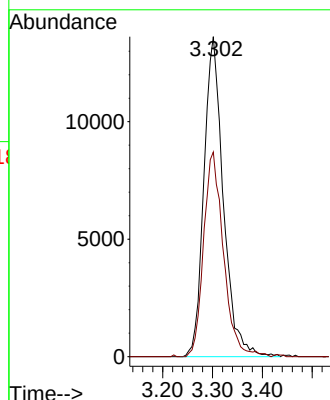
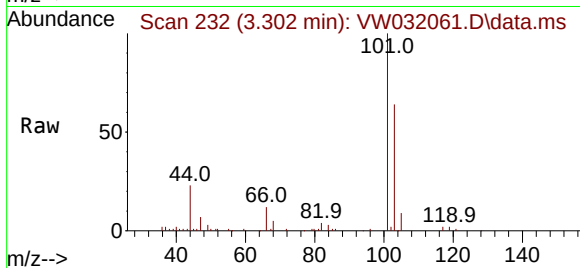




#7
 Trichlorofluoromethane
 Concen: 17.595 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032061.D
 Acq: 11 Aug 2025 12:48

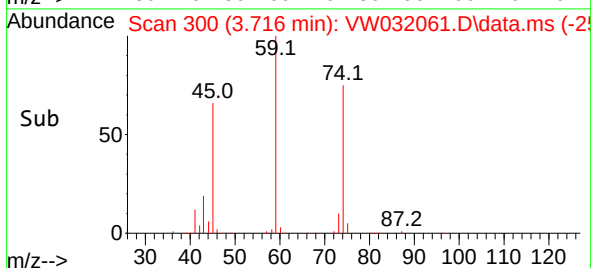
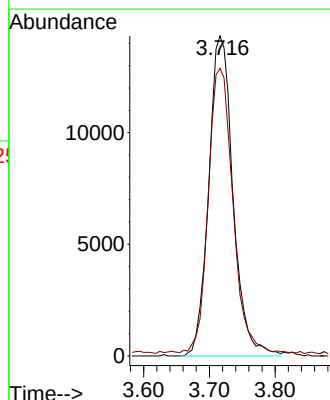
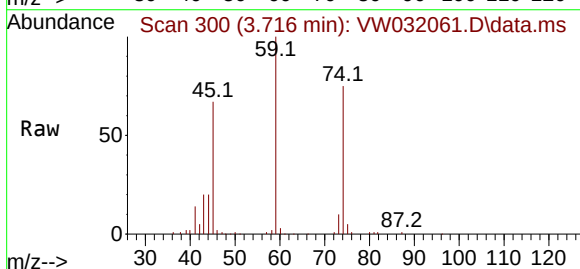
Instrument :
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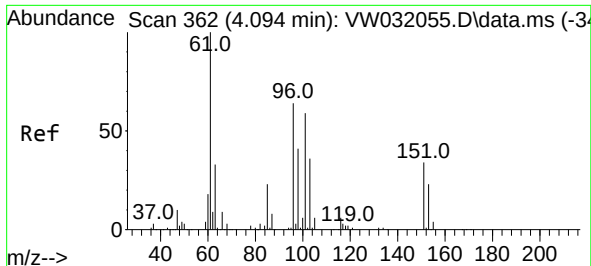
Tgt Ion:101 Resp: 36824
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.4 80.0



#8
 Diethyl Ether
 Concen: 21.483 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032061.D
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Tgt Ion: 74 Resp: 36836
 Ion Ratio Lower Upper
 74 100
 45 90.0 45.4 136.2

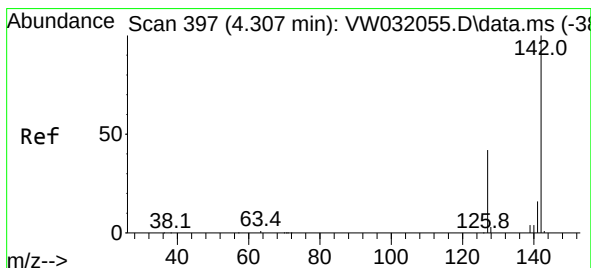
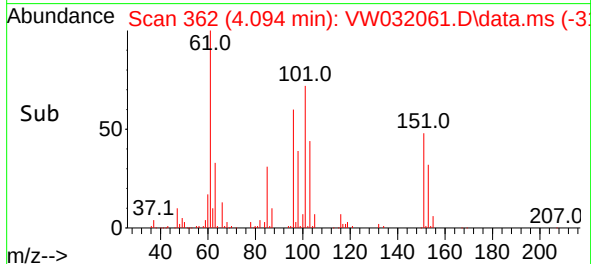
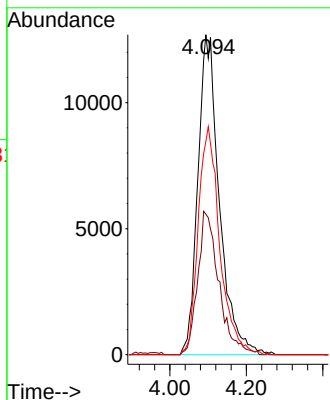
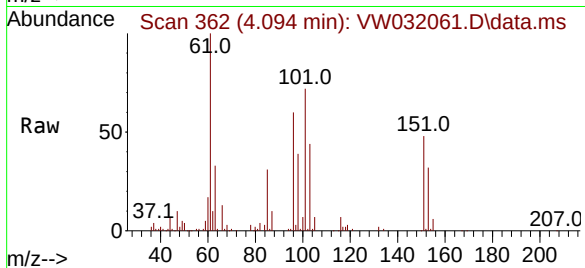




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.107 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.000 min
Lab File: VW032061.D
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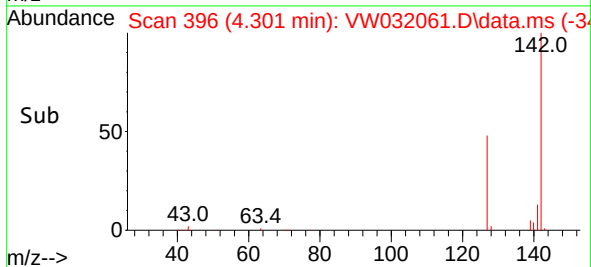
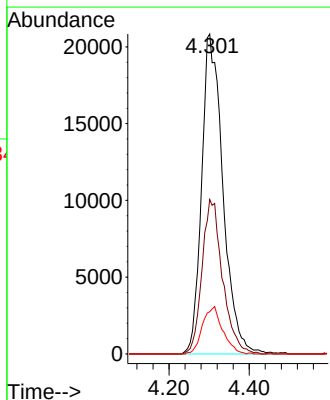
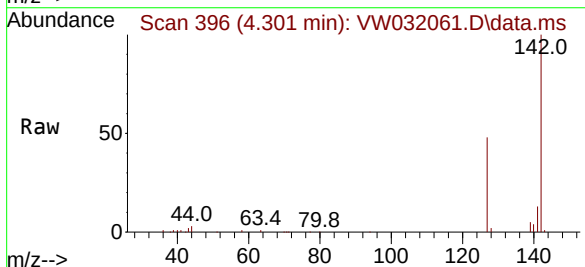
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

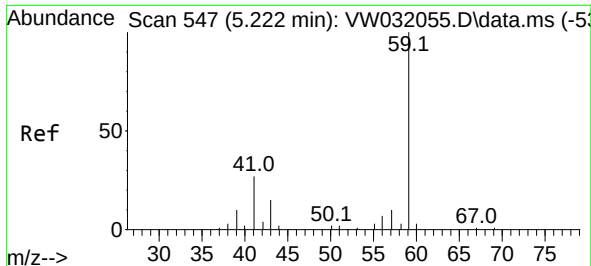
Tgt Ion:101 Resp: 49645
Ion Ratio Lower Upper
101 100
85 44.1 34.9 52.3
151 71.3 56.2 84.4



#10
Methyl Iodide
Concen: 21.970 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion:142 Resp: 76912
Ion Ratio Lower Upper
142 100
127 46.4 36.6 55.0
141 14.0 12.1 18.1

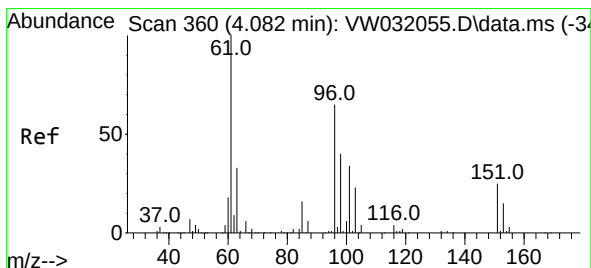
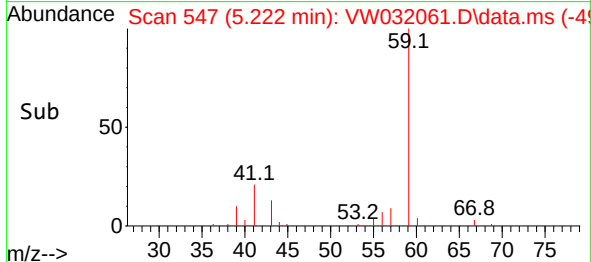
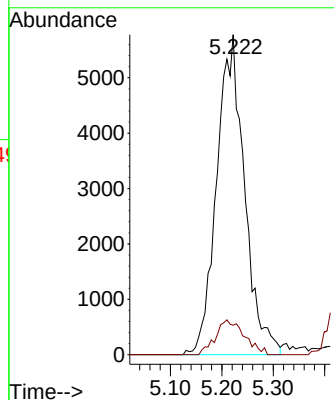
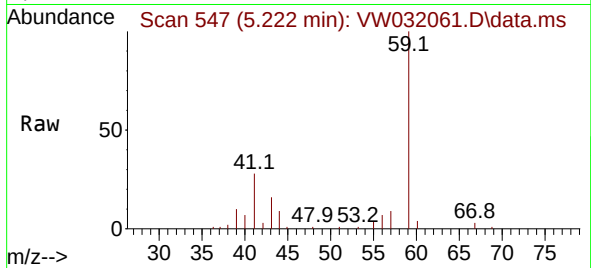




#11
Tert butyl alcohol
Concen: 103.263 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

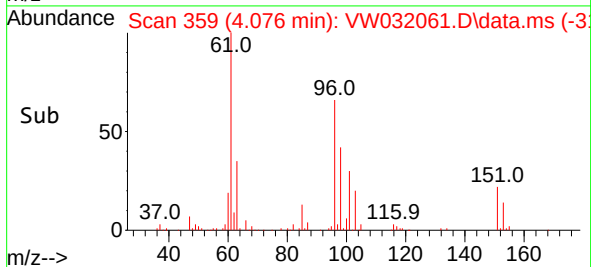
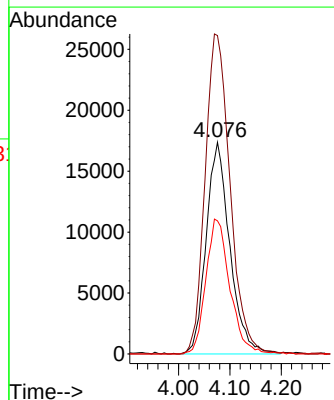
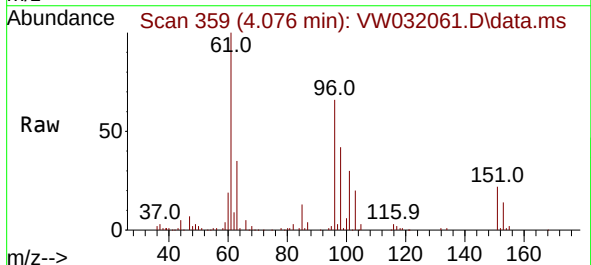
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

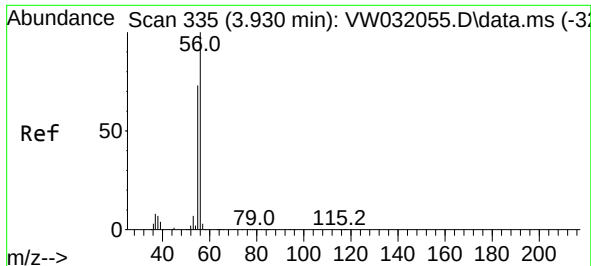
Tgt Ion: 59 Resp: 21680
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.435 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 96 Resp: 55559
Ion Ratio Lower Upper
96 100
61 150.5 123.4 185.2
98 62.9 49.5 74.3

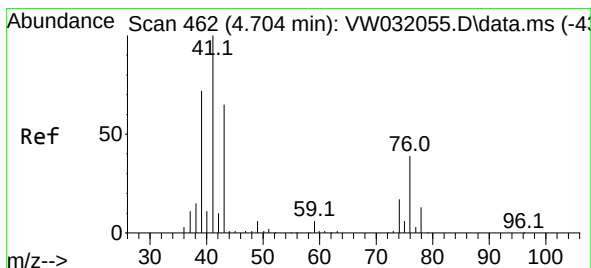
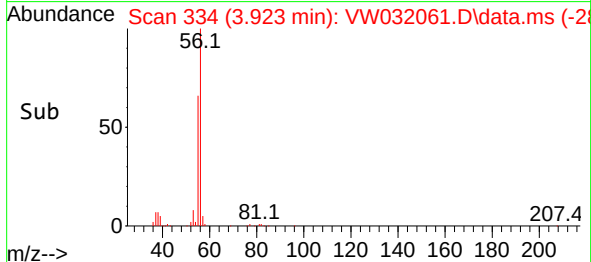
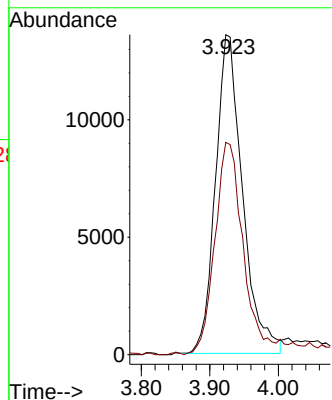
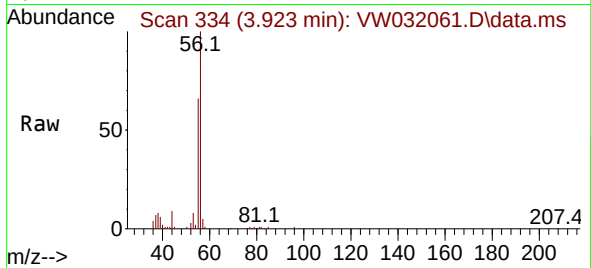




#13
Acrolein
Concen: 111.050 ug/l
RT: 3.923 min Scan# 335
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

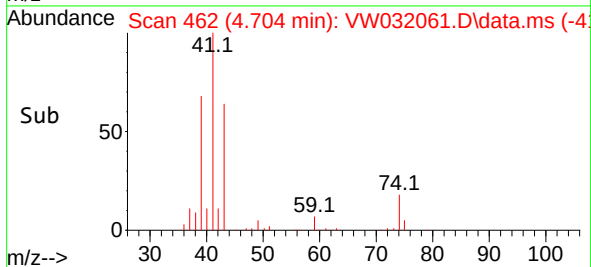
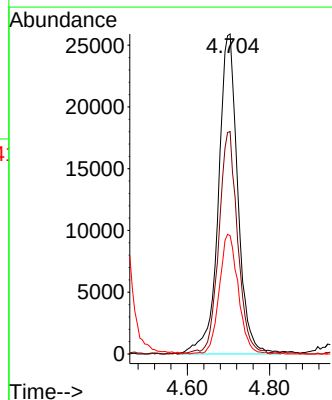
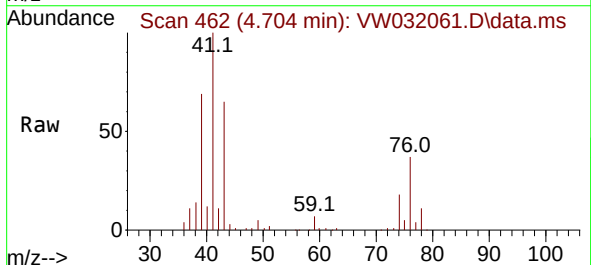
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

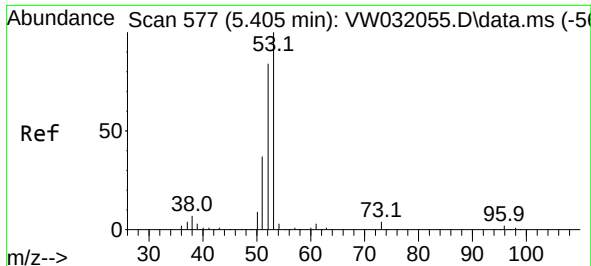
Tgt Ion: 56 Resp: 37149
Ion Ratio Lower Upper
56 100
55 69.5 55.4 83.2



#14
Allyl chloride
Concen: 21.439 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 41 Resp: 84834
Ion Ratio Lower Upper
41 100
39 67.7 54.5 81.7
76 36.6 29.3 43.9

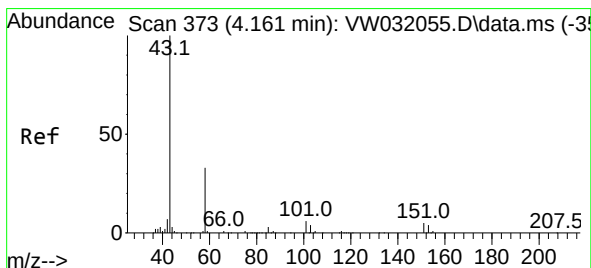
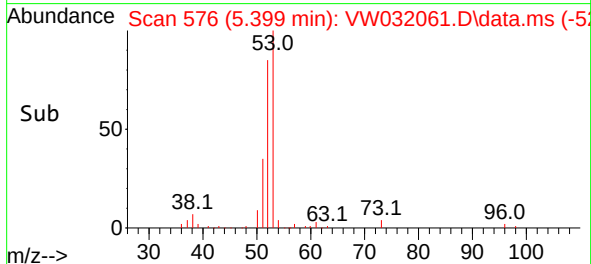
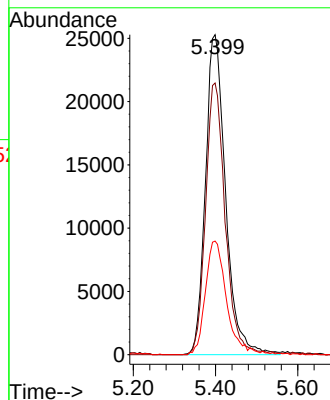
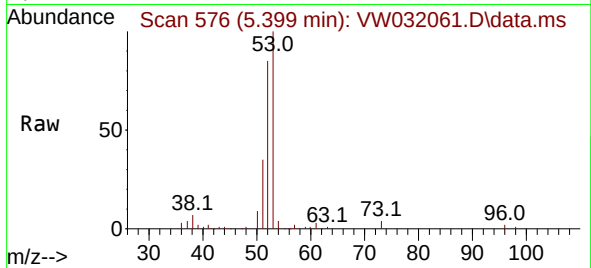




#15
Acrylonitrile
Concen: 105.428 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

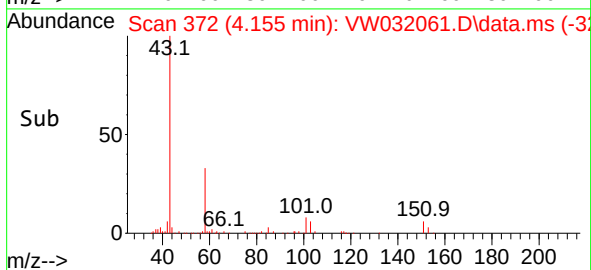
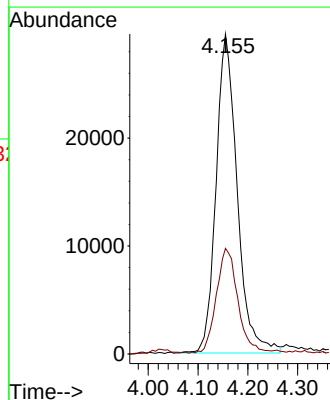
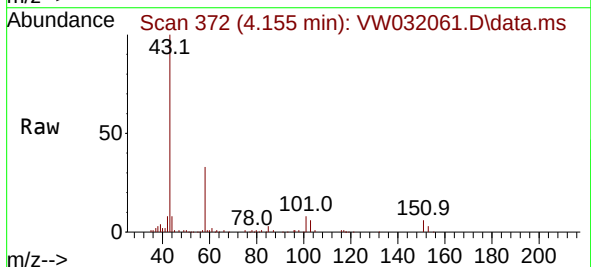
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

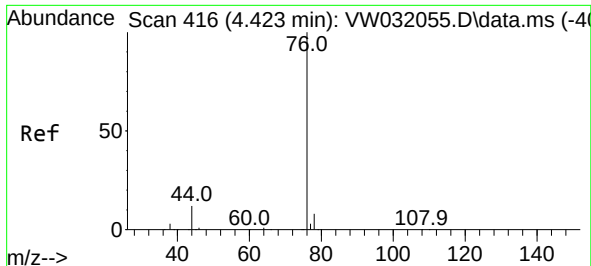
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.1	99.1
51	37.5	29.2	43.8



#16
Acetone
Concen: 115.783 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.6	39.8

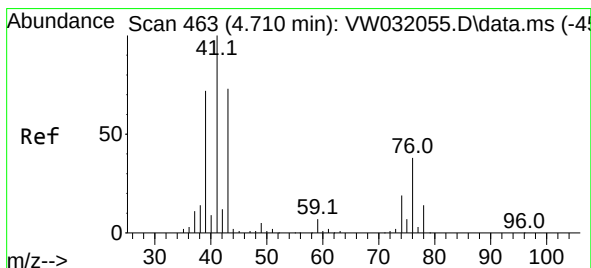
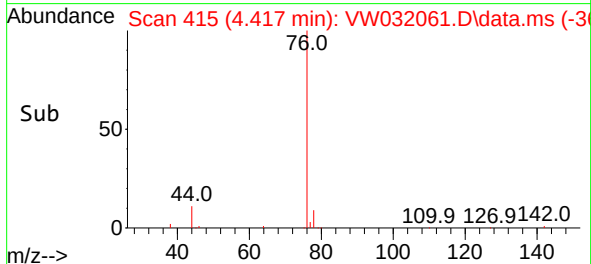
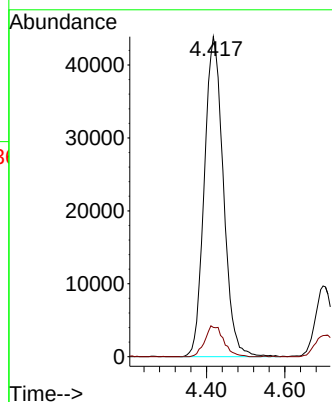
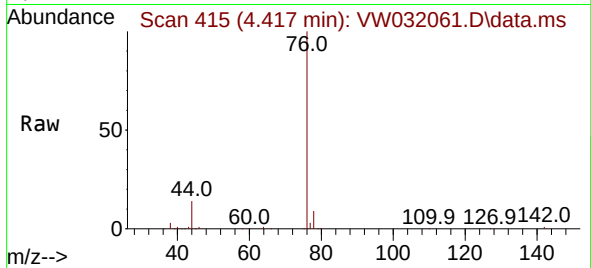




#17
Carbon Disulfide
Concen: 20.248 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

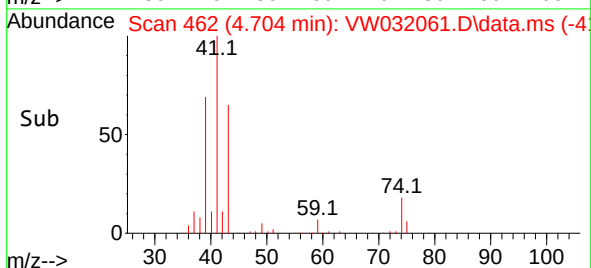
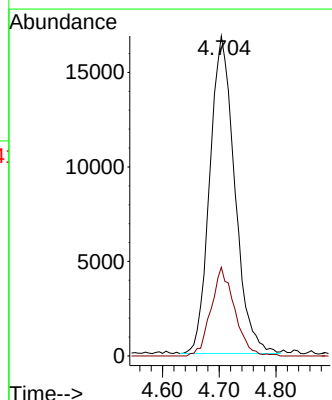
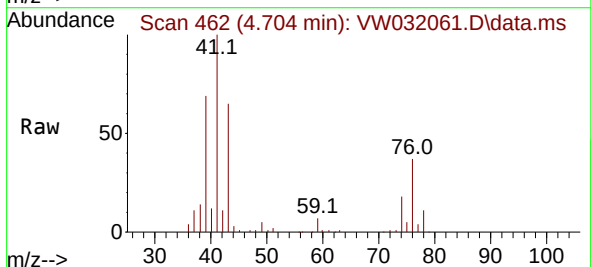
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

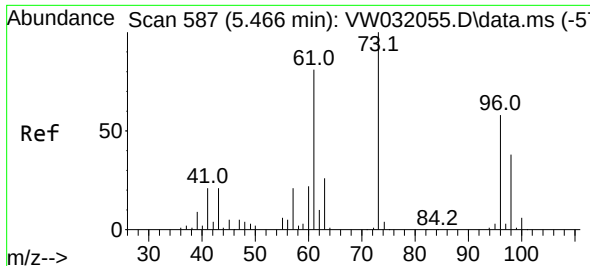
Tgt Ion: 76 Resp: 147760
Ion Ratio Lower Upper
76 100
78 9.2 6.4 9.6



#18
Methyl Acetate
Concen: 21.665 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 43 Resp: 51464
Ion Ratio Lower Upper
43 100
74 26.3 20.6 31.0

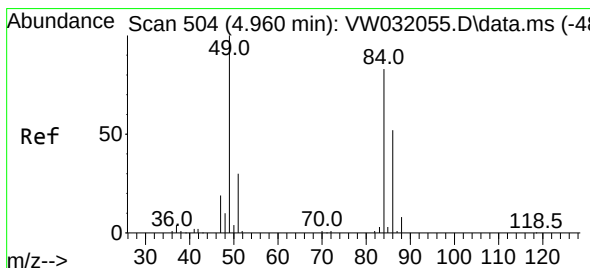
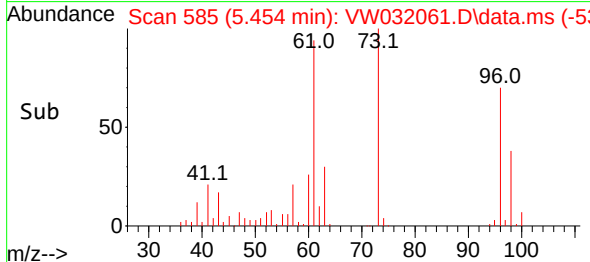
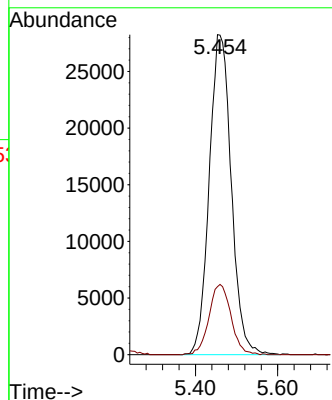
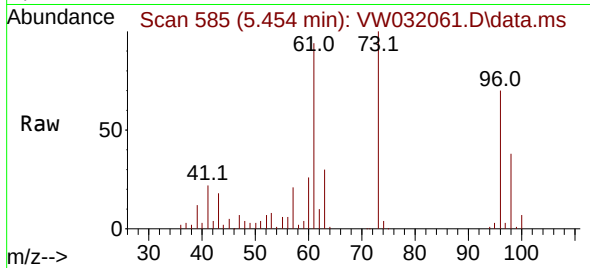




#19
Methyl tert-butyl Ether
Concen: 21.914 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

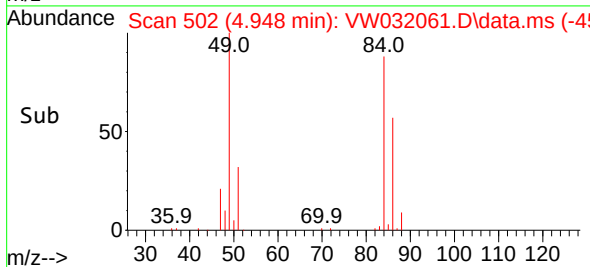
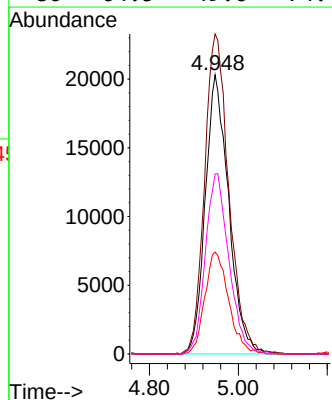
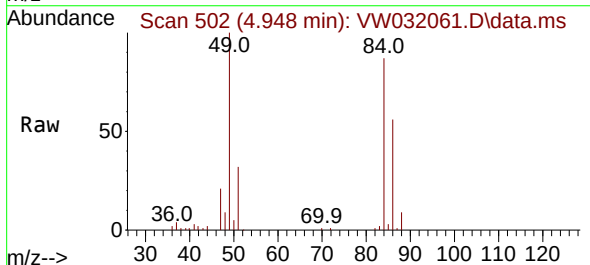
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

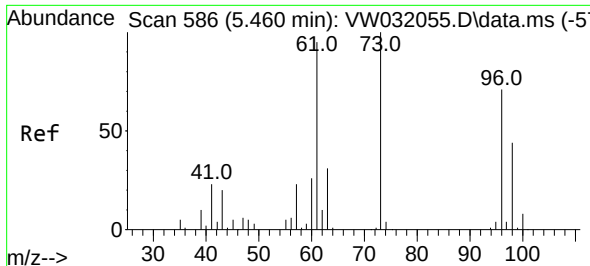
Tgt Ion: 73 Resp: 104973
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 21.408 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 84 Resp: 74303
Ion Ratio Lower Upper
84 100
49 114.6 95.9 143.9
51 36.5 28.6 43.0
86 64.5 49.6 74.4

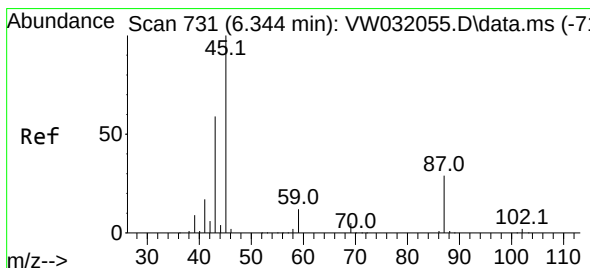
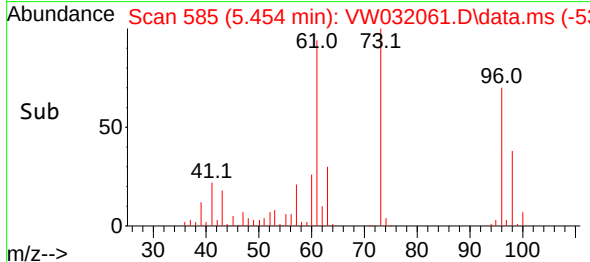
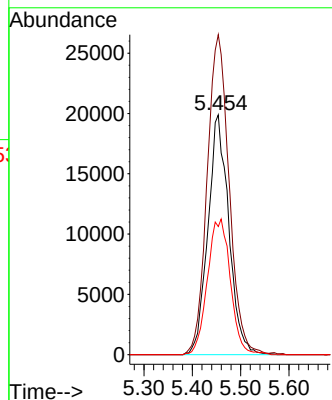
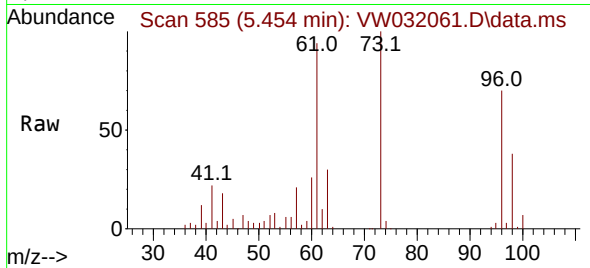




#21
trans-1,2-Dichloroethene
Concen: 20.698 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

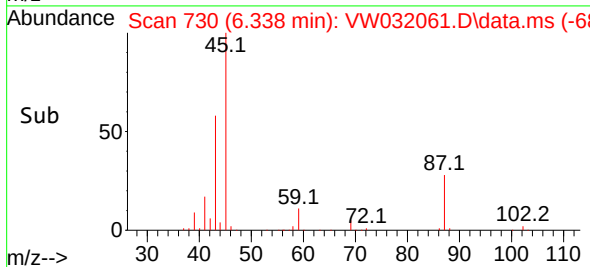
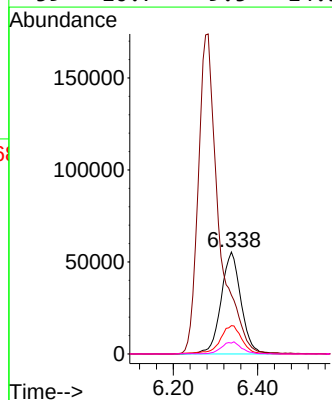
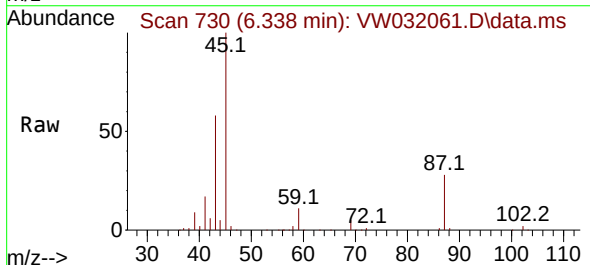
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

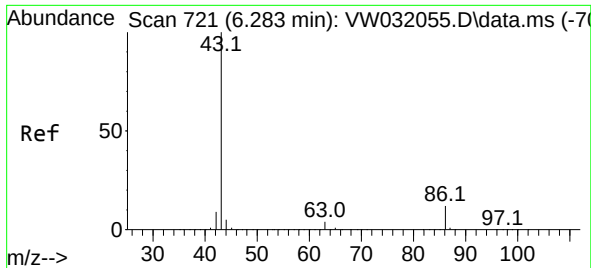
Tgt Ion: 96 Resp: 59717
Ion Ratio Lower Upper
96 100
61 133.4 106.8 160.2
98 53.4 49.6 74.4



#22
Diisopropyl ether
Concen: 21.692 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 45 Resp: 180946
Ion Ratio Lower Upper
45 100
43 57.4 47.0 70.4
87 27.9 23.8 35.8
59 10.7 9.5 14.3

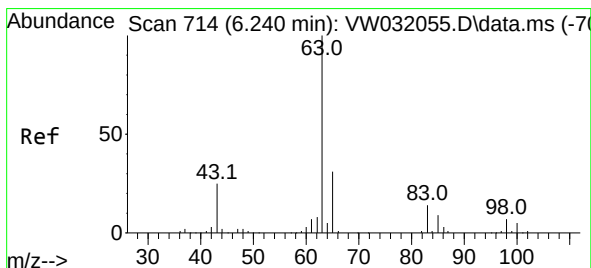
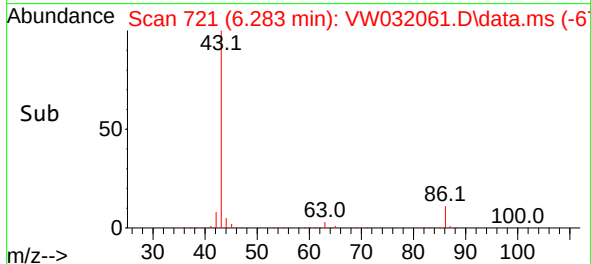
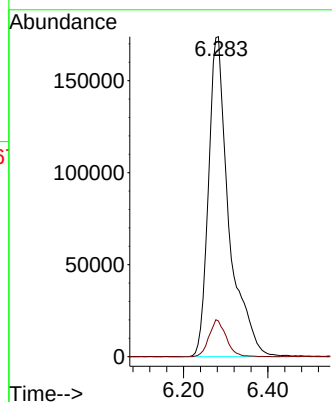
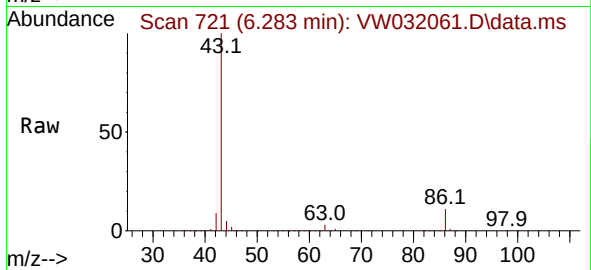




#23
 Vinyl Acetate
 Concen: 106.987 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032061.D
 Acq: 11 Aug 2025 12:48

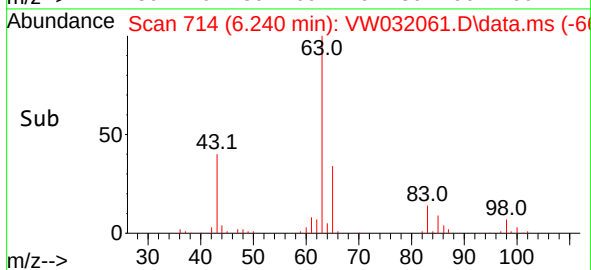
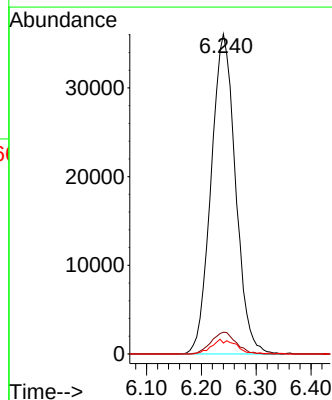
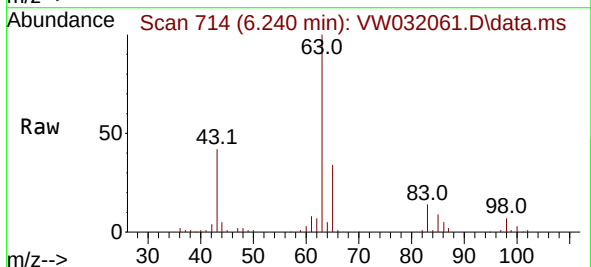
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBS01

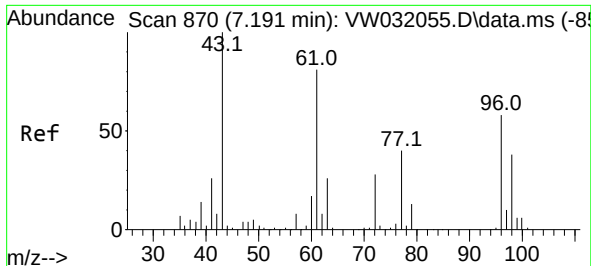
Tgt Ion: 43 Resp: 585943
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.971 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032061.D
 Acq: 11 Aug 2025 12:48

Tgt Ion: 63 Resp: 111769
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 3.4 2.5 7.4





#25

2-Butanone

Concen: 111.594 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

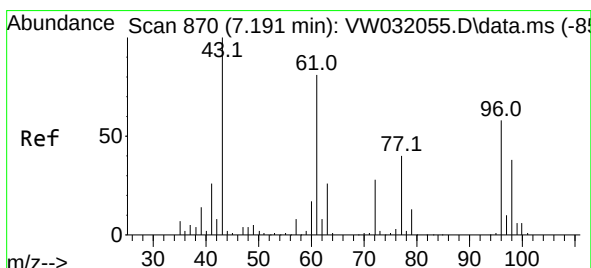
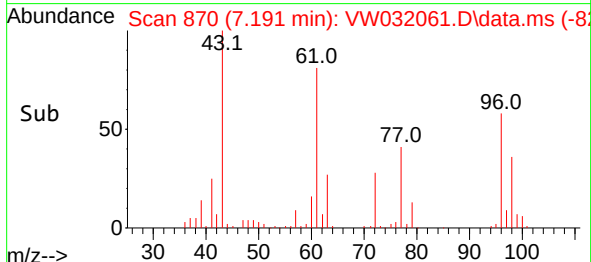
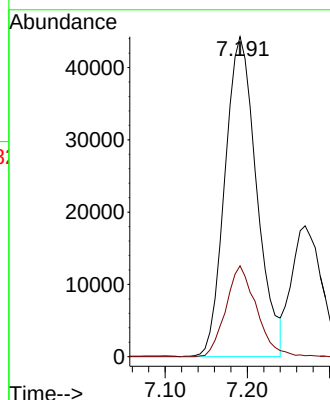
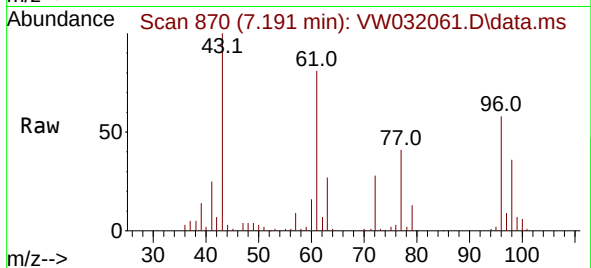
VW0811SBS01

Tgt Ion: 43 Resp: 119059

Ion Ratio Lower Upper

43 100

72 28.4 22.3 33.5



#26

2,2-Dichloropropane

Concen: 20.753 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW032061.D

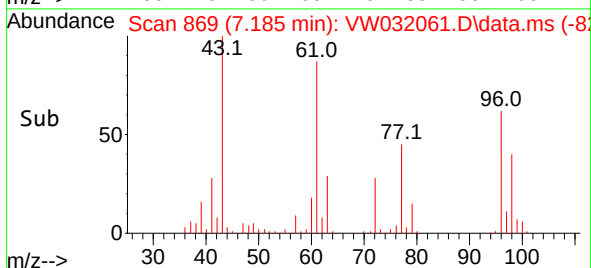
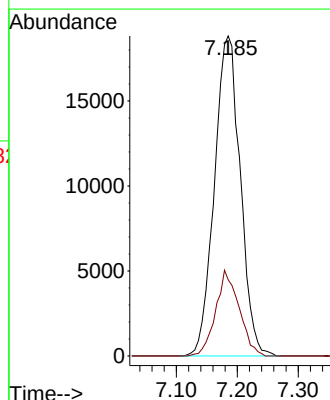
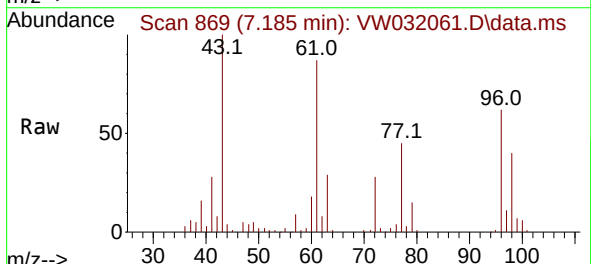
Acq: 11 Aug 2025 12:48

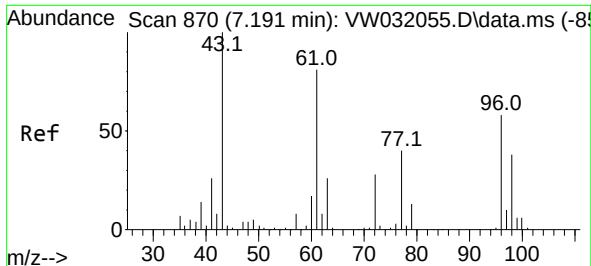
Tgt Ion: 77 Resp: 55490

Ion Ratio Lower Upper

77 100

97 24.2 12.3 36.9

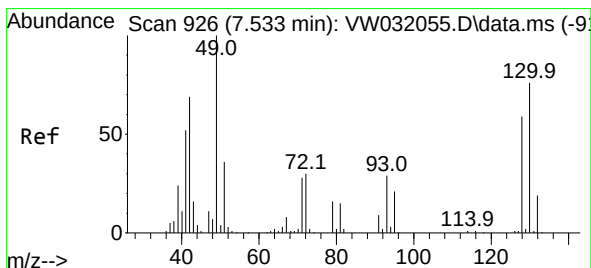
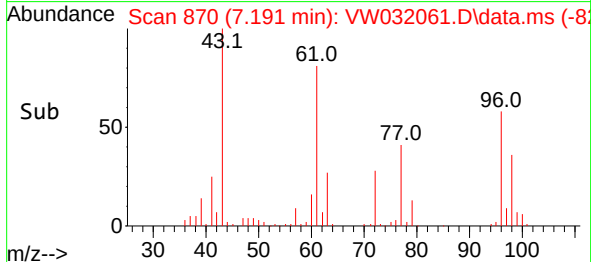
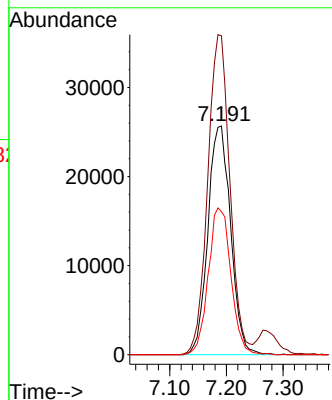
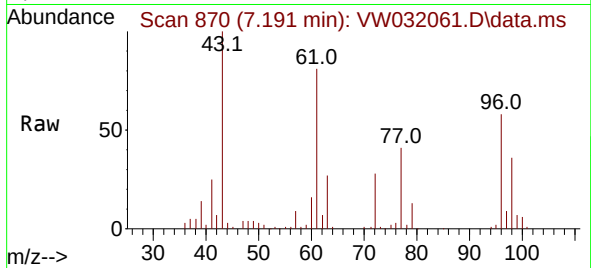




#27
 cis-1,2-Dichloroethene
 Concen: 21.221 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032061.D
 Acq: 11 Aug 2025 12:48

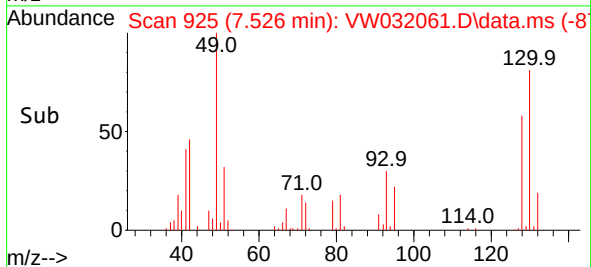
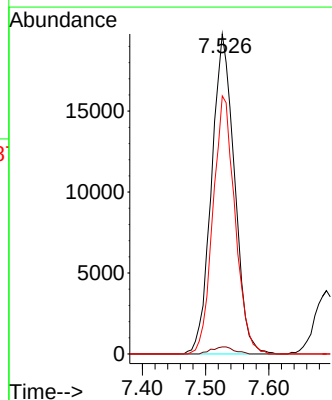
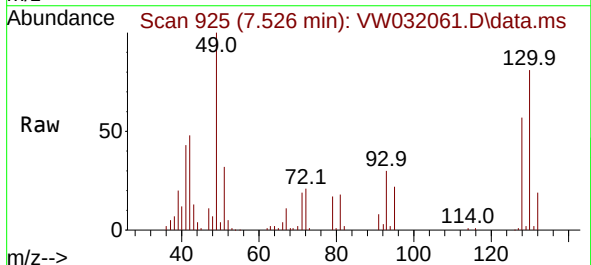
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBS01

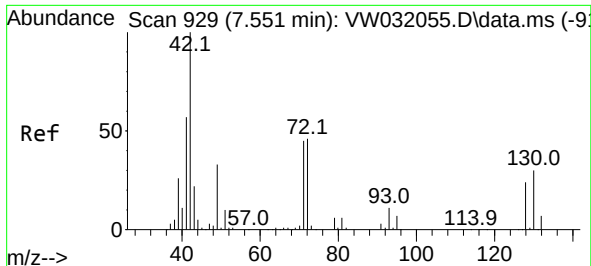
Tgt Ion: 96 Resp: 71568
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 281.2
 98 63.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 20.501 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032061.D
 Acq: 11 Aug 2025 12:48

Tgt Ion: 49 Resp: 49722
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 77.6 61.9 92.9





#29

Tetrahydrofuran

Concen: 107.756 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

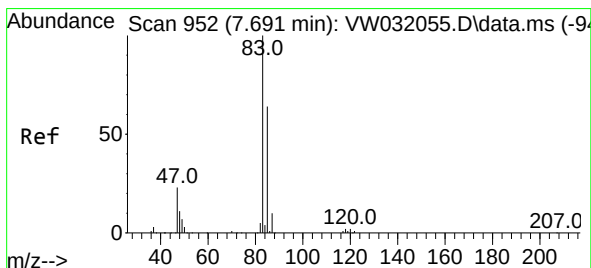
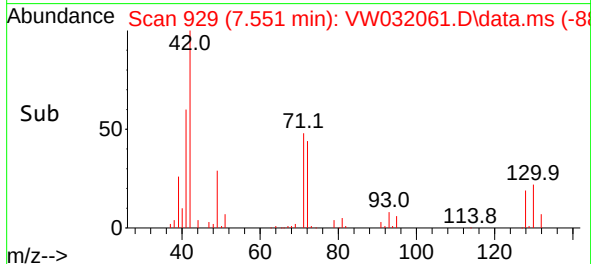
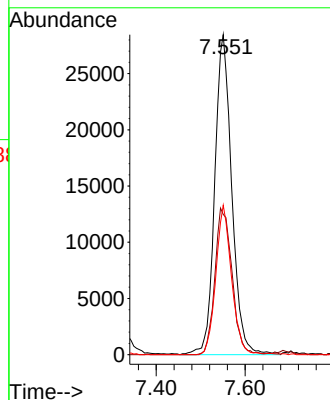
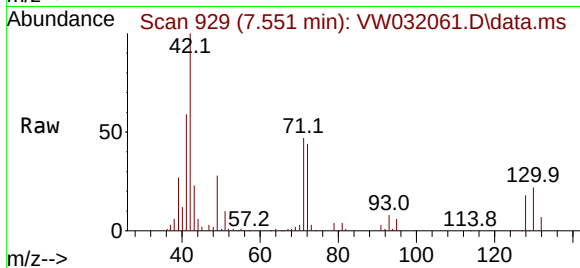
Tgt Ion: 42 Resp: 75818

Ion Ratio Lower Upper

42 100

72 46.0 36.6 55.0

71 43.0 34.7 52.1



#30

Chloroform

Concen: 21.137 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032061.D

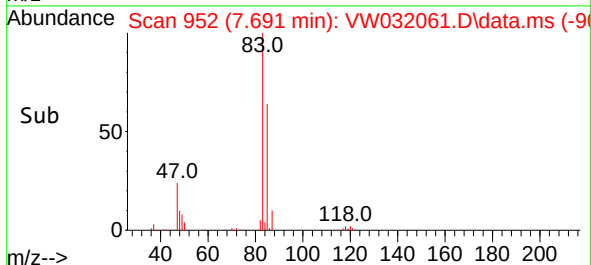
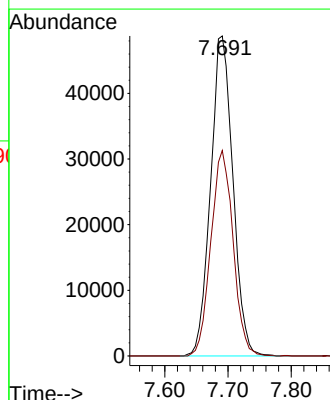
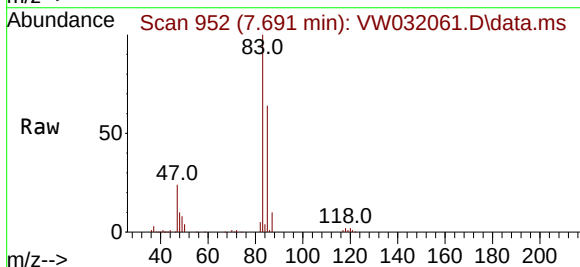
Acq: 11 Aug 2025 12:48

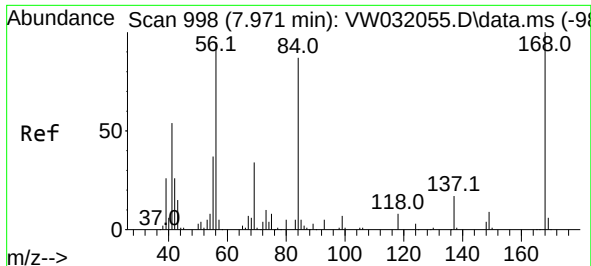
Tgt Ion: 83 Resp: 119431

Ion Ratio Lower Upper

83 100

85 64.2 51.0 76.4

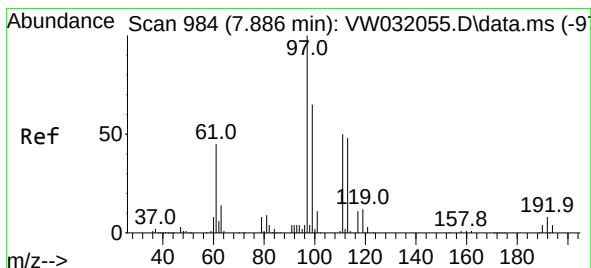
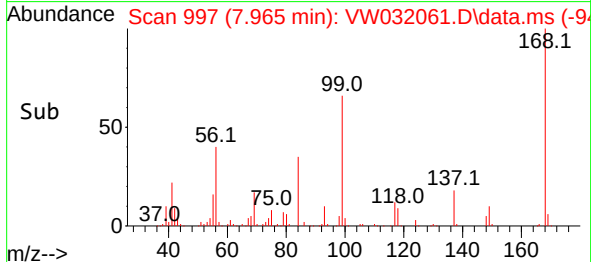
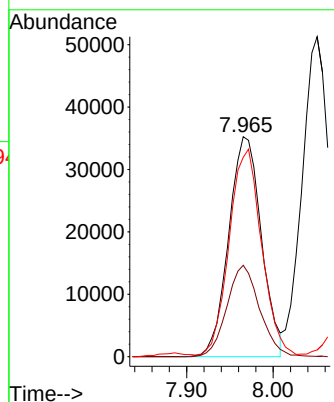
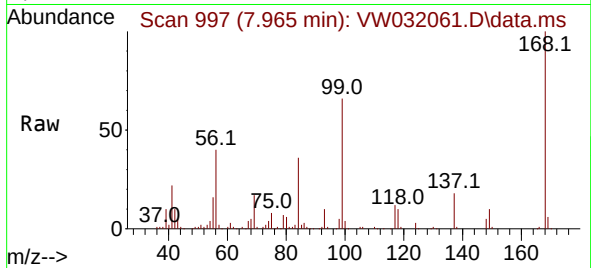




#31
Cyclohexane
Concen: 19.992 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

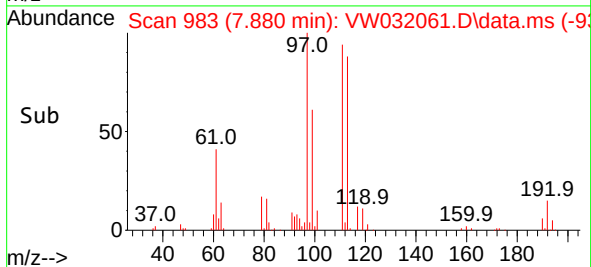
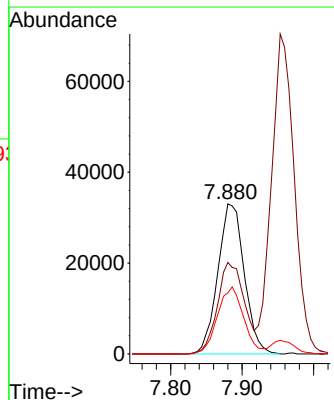
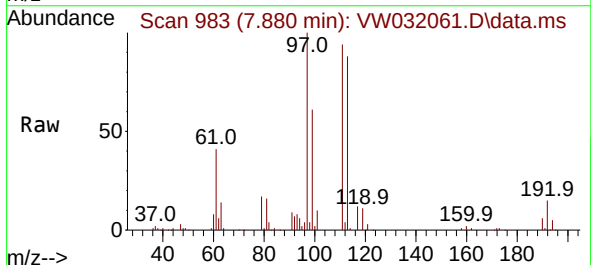
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

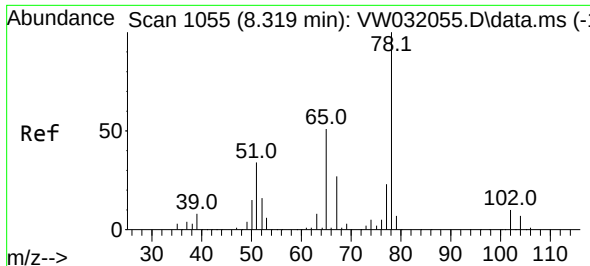
Tgt Ion: 56 Resp: 92372
Ion Ratio Lower Upper
56 100
69 41.5 28.6 42.8
84 89.3 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 20.707 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 97 Resp: 84982
Ion Ratio Lower Upper
97 100
99 61.5 51.8 77.8
61 44.0 35.9 53.9

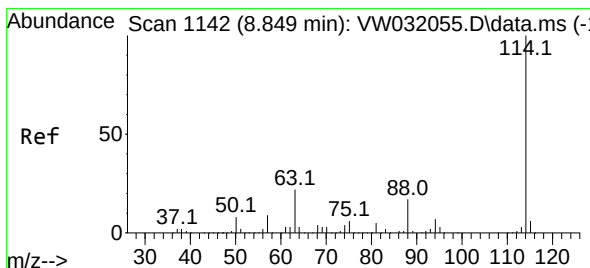
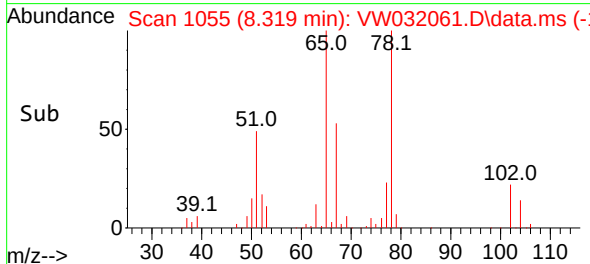
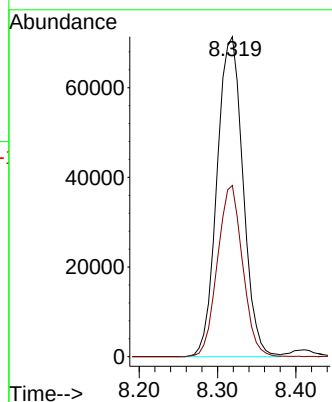
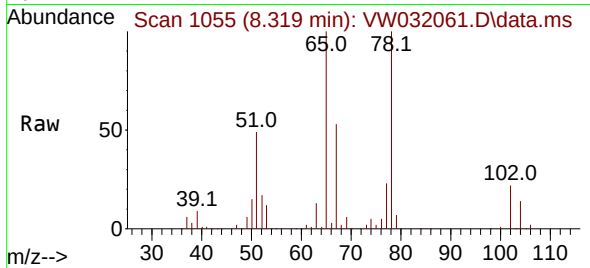




#33
 1,2-Dichloroethane-d4
 Concen: 50.753 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032061.D
 Acq: 11 Aug 2025 12:48

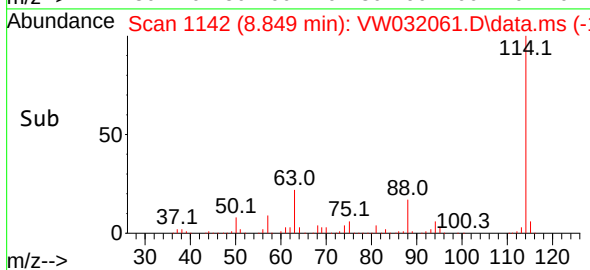
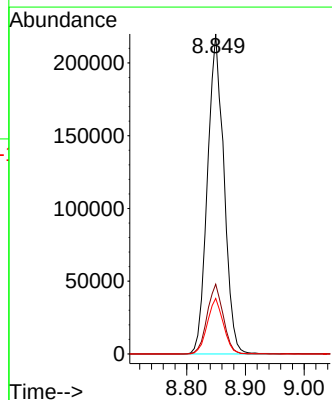
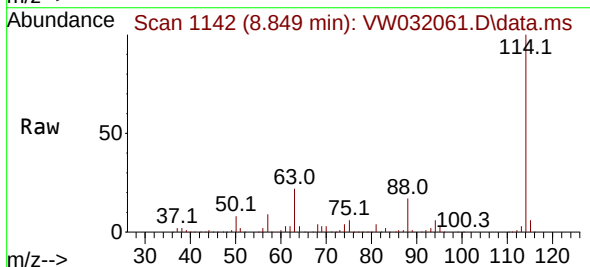
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0811SBS01

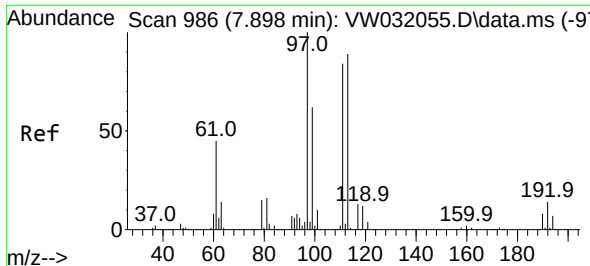
Tgt Ion: 65 Resp: 164557
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032061.D
 Acq: 11 Aug 2025 12:48

Tgt Ion: 114 Resp: 427747
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 17.3 0.0 33.8

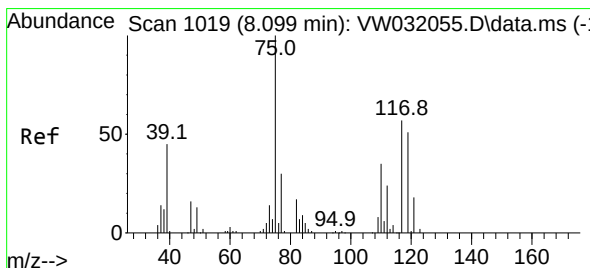
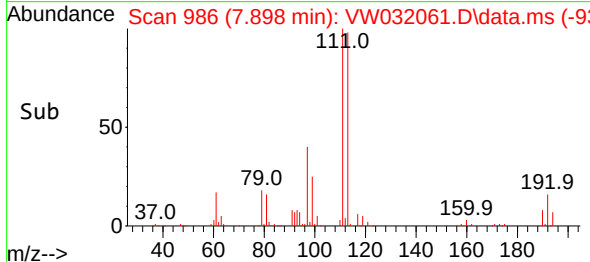
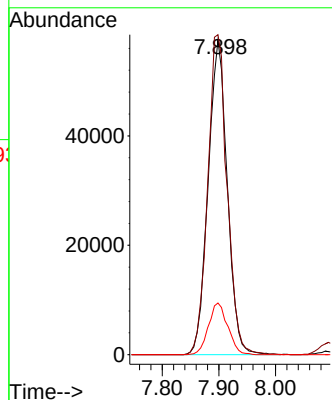
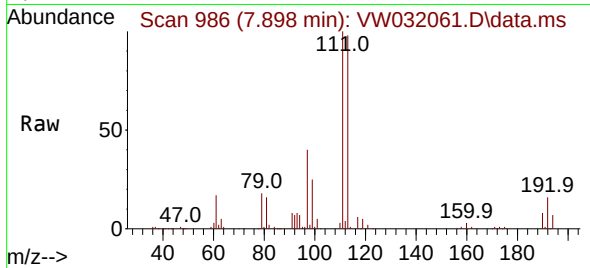




#35
Dibromofluoromethane
Concen: 48.883 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

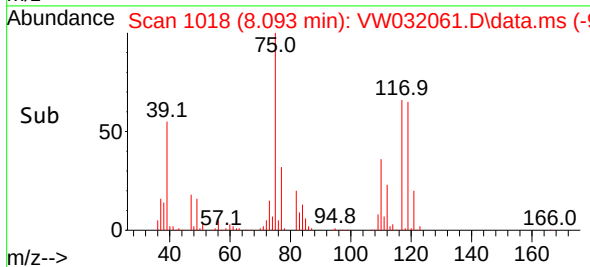
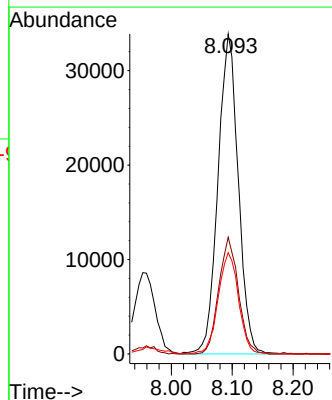
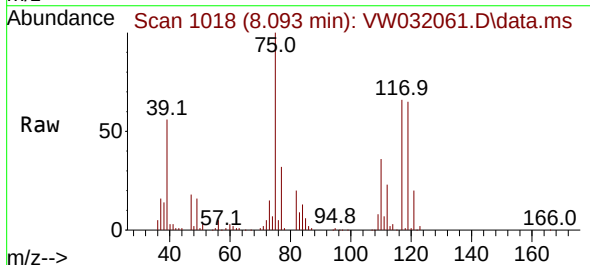
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

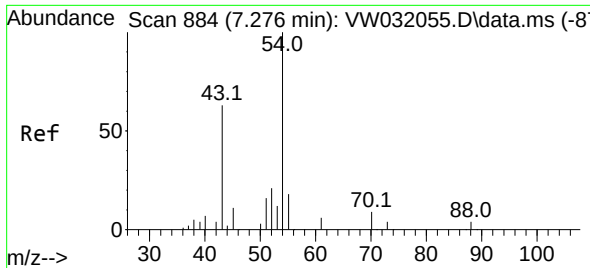
Tgt Ion:113 Resp: 135084
Ion Ratio Lower Upper
113 100
111 103.1 80.1 120.1
192 16.5 13.1 19.7



#36
1,1-Dichloropropene
Concen: 20.161 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 75 Resp: 78541
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.2
77 31.7 24.7 37.1

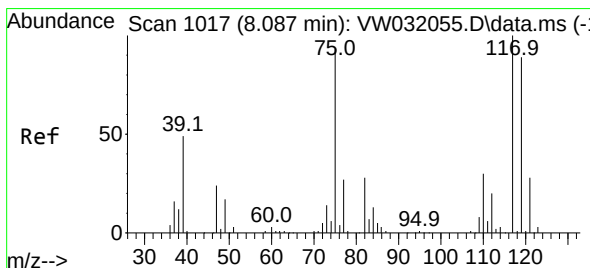
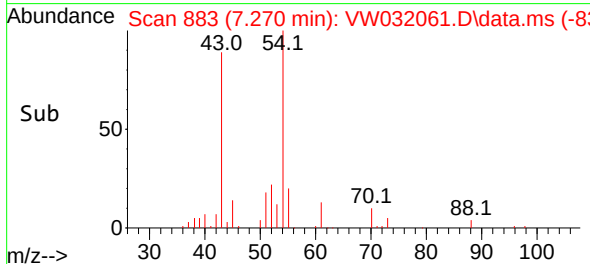
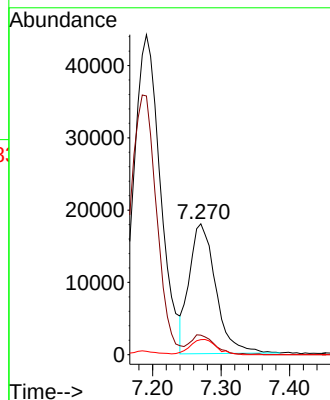
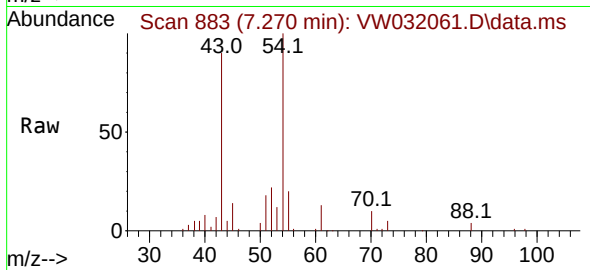




#37
Ethyl Acetate
Concen: 20.977 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

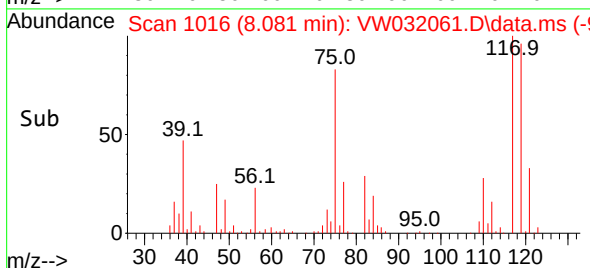
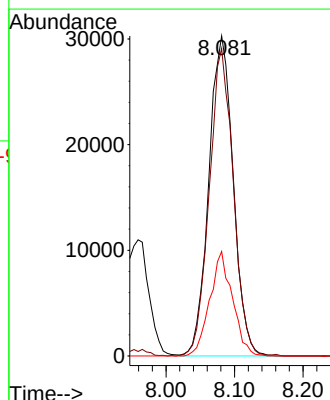
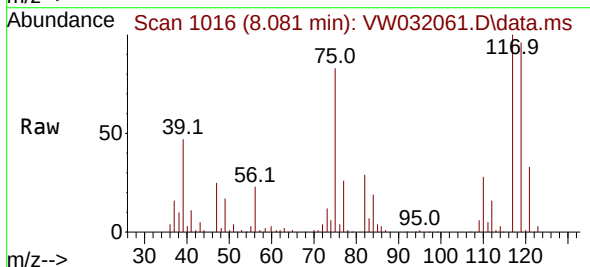
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

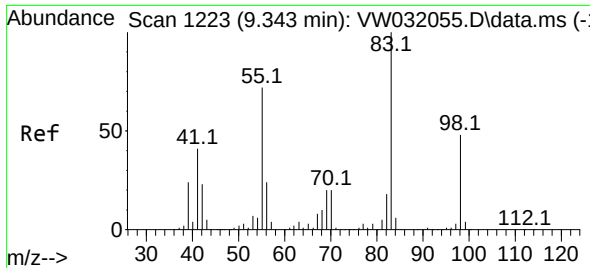
Tgt Ion: 43 Resp: 48130
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 11.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.971 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 117 Resp: 75079
Ion Ratio Lower Upper
117 100
119 95.9 71.4 107.2
121 32.6 22.3 33.5





#39

Methylcyclohexane

Concen: 20.000 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

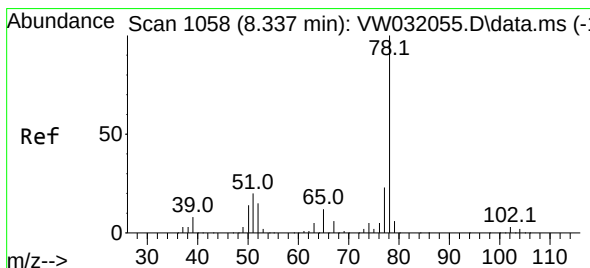
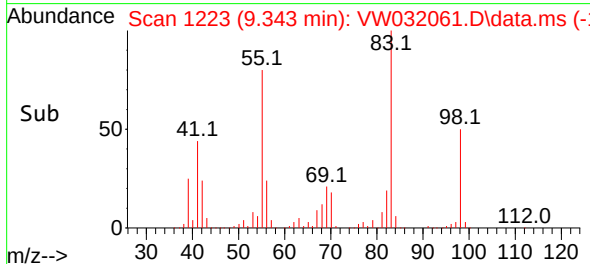
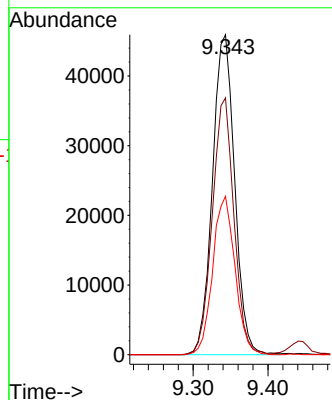
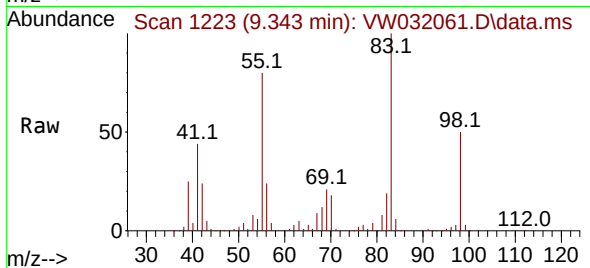
Tgt Ion: 83 Resp: 94968

Ion Ratio Lower Upper

83 100

55 80.3 57.9 86.9

98 49.5 38.3 57.5



#40

Benzene

Concen: 20.993 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032061.D

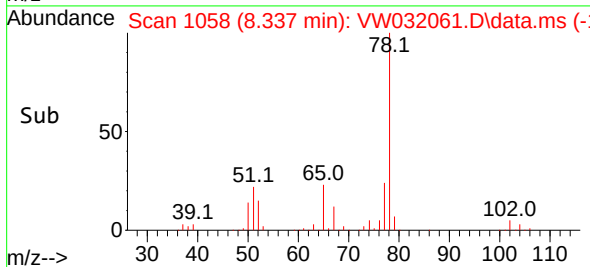
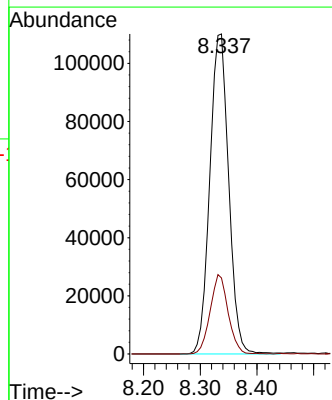
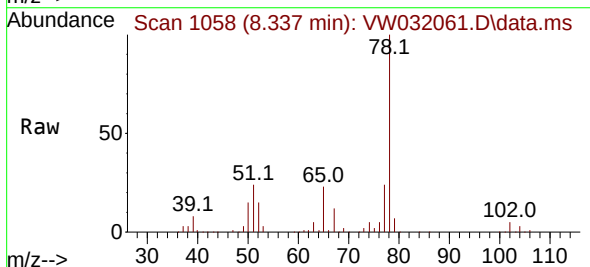
Acq: 11 Aug 2025 12:48

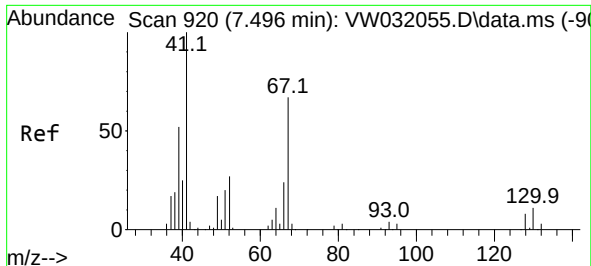
Tgt Ion: 78 Resp: 254209

Ion Ratio Lower Upper

78 100

77 23.7 18.4 27.6

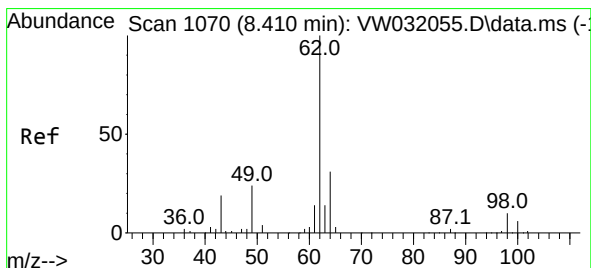
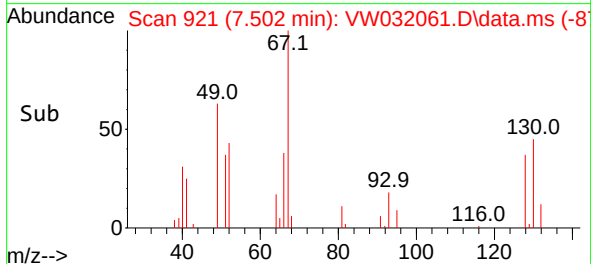
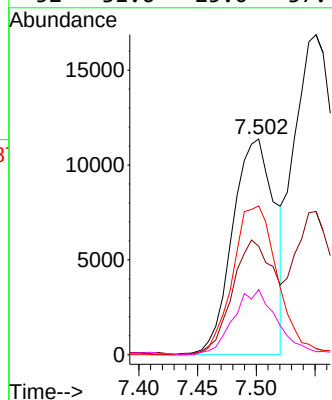
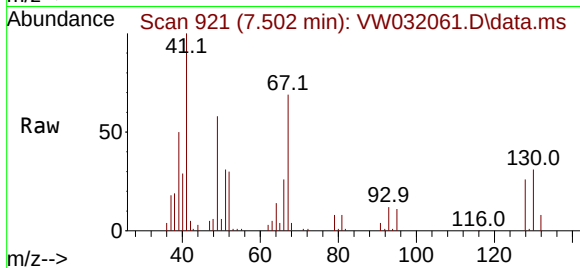




#41
Methacrylonitrile
Concen: 21.963 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

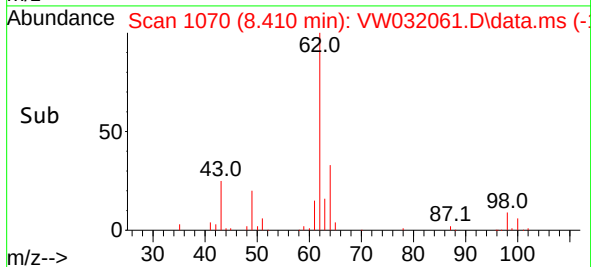
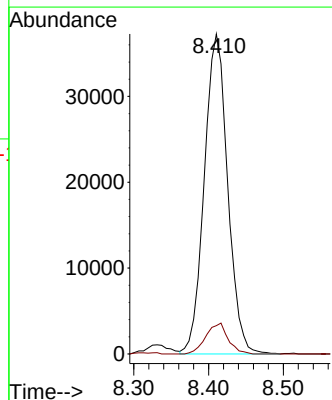
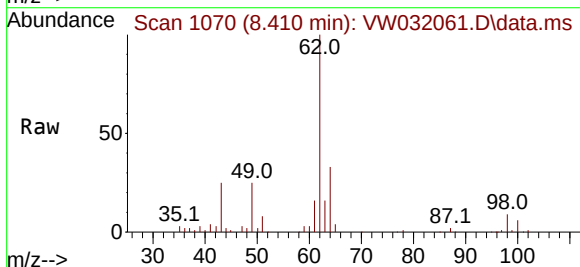
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

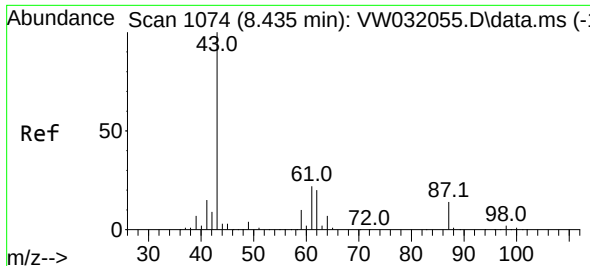
Tgt Ion:	41	Resp:	28577
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.6	63.8
67	73.7	61.0	91.4
52	31.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.917 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion:	62	Resp:	81049
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

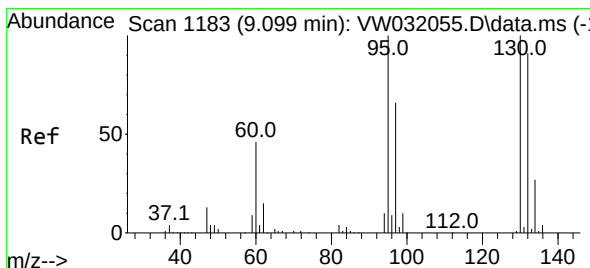
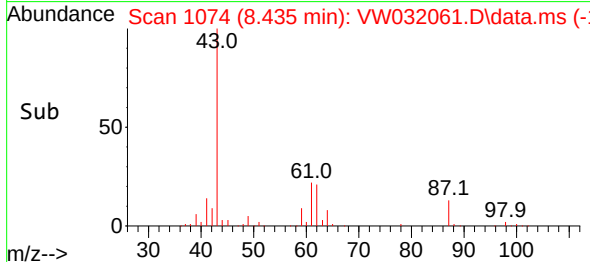
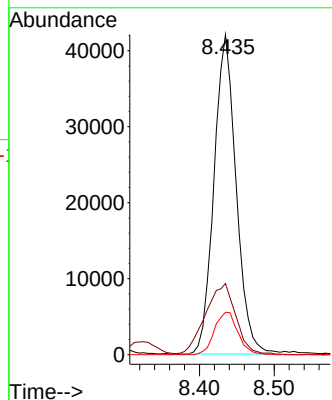
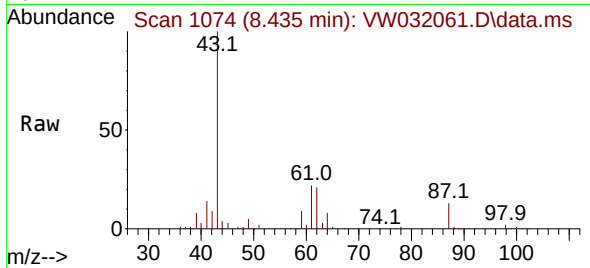




#43
Isopropyl Acetate
Concen: 20.509 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

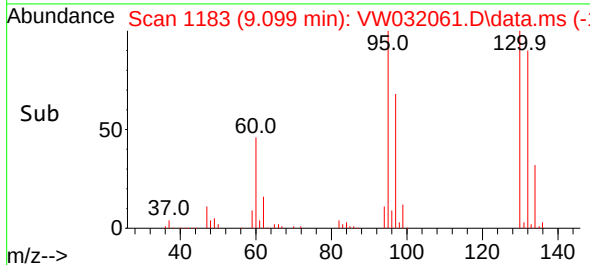
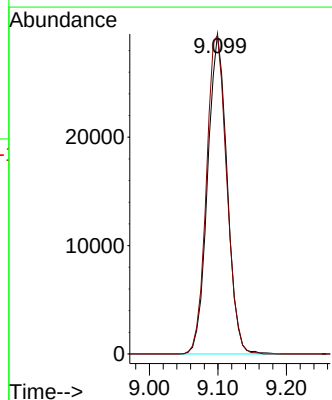
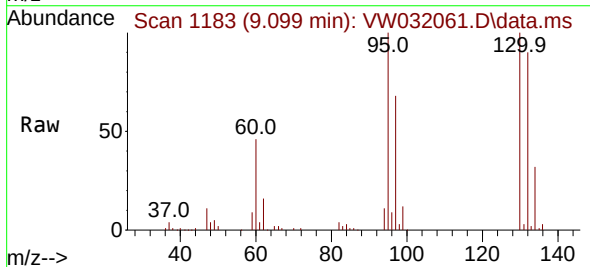
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

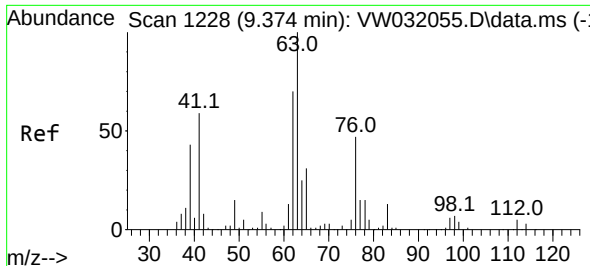
Tgt Ion: 43 Resp: 86573
Ion Ratio Lower Upper
43 100
61 30.6 23.8 35.8
87 14.1 11.7 17.5



#44
Trichloroethene
Concen: 20.238 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion:130 Resp: 58362
Ion Ratio Lower Upper
130 100
95 99.6 0.0 200.6

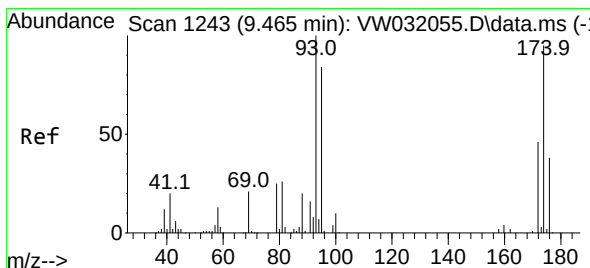
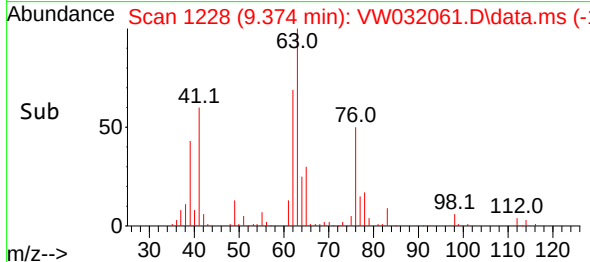
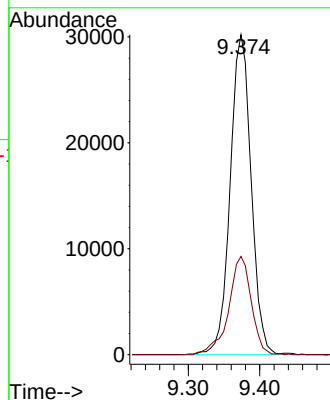
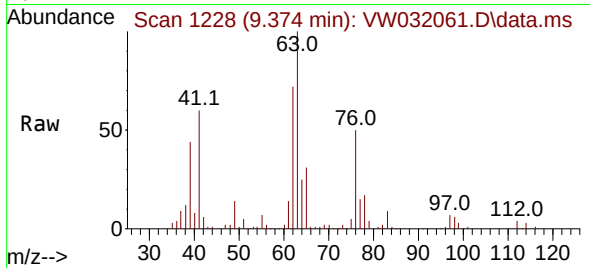




#45
1,2-Dichloropropane
Concen: 20.998 ug/l
RT: 9.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

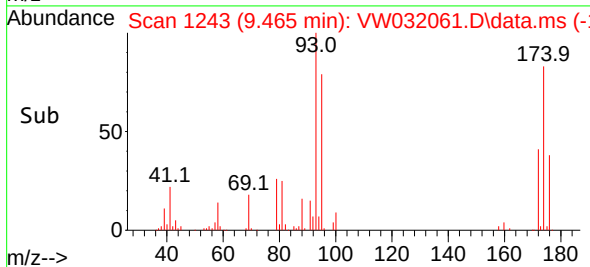
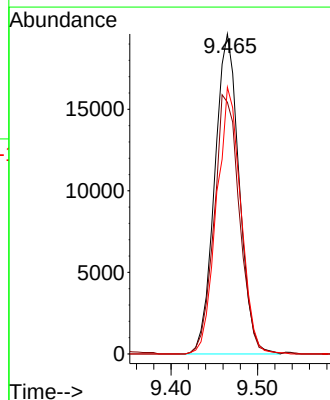
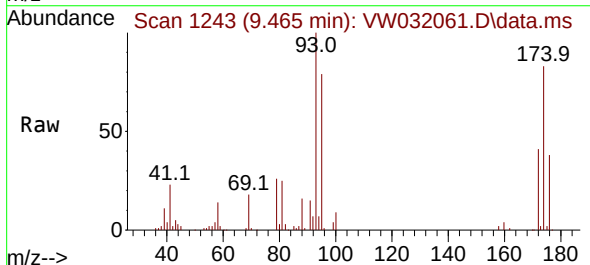
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

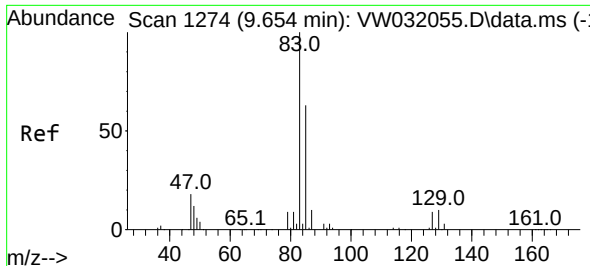
Tgt Ion: 63 Resp: 61430
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8



#46
Dibromomethane
Concen: 20.389 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 93 Resp: 38496
Ion Ratio Lower Upper
93 100
95 84.1 65.3 97.9
174 82.6 68.6 102.8

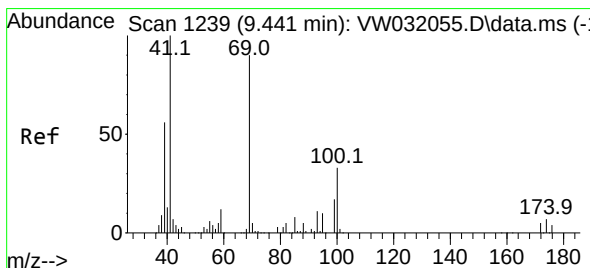
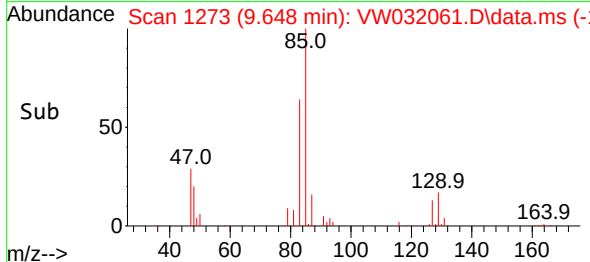
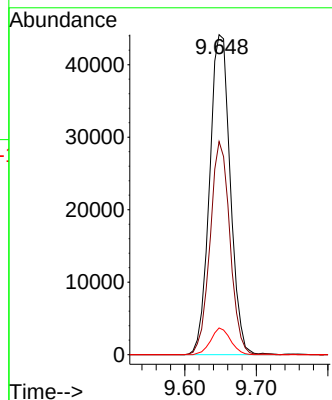
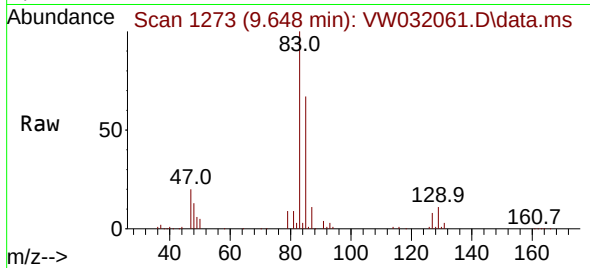




#47
Bromodichloromethane
Concen: 20.356 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

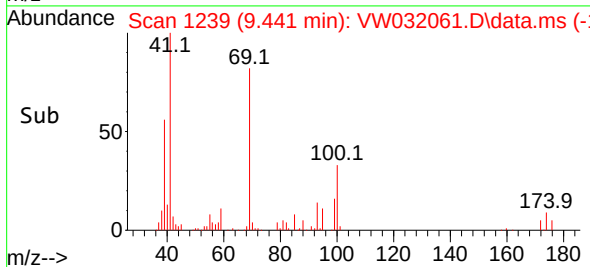
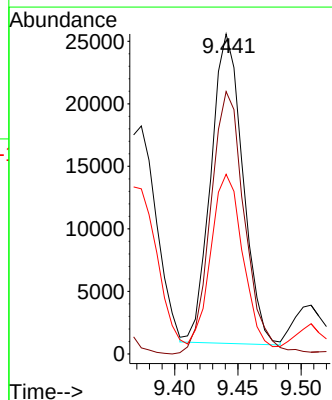
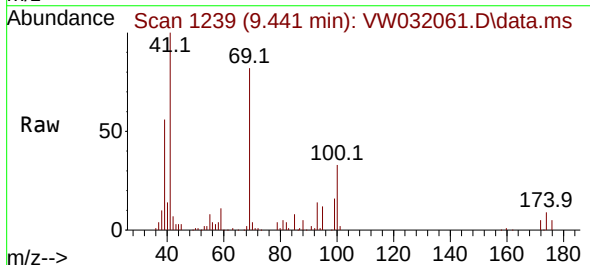
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

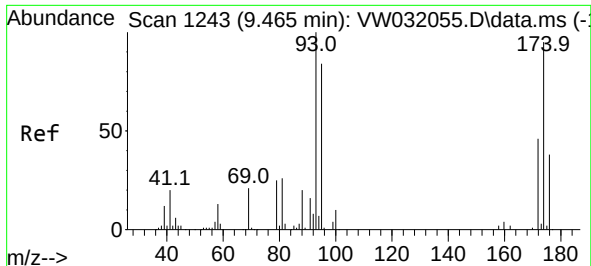
Tgt Ion: 83 Resp: 88565
Ion Ratio Lower Upper
83 100
85 66.6 50.6 75.8
127 8.4 6.9 10.3



#48
Methyl methacrylate
Concen: 21.354 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 41 Resp: 43518
Ion Ratio Lower Upper
41 100
69 90.8 73.0 109.6
39 59.7 45.0 67.4





#49

1,4-Dioxane

Concen: 397.829 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

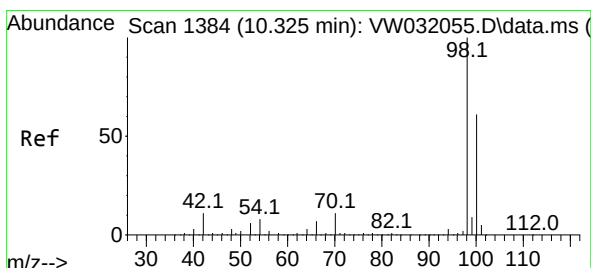
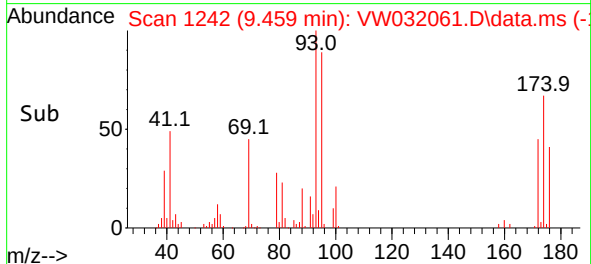
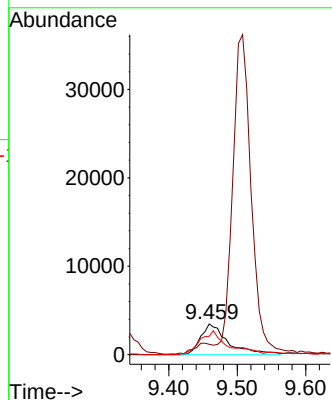
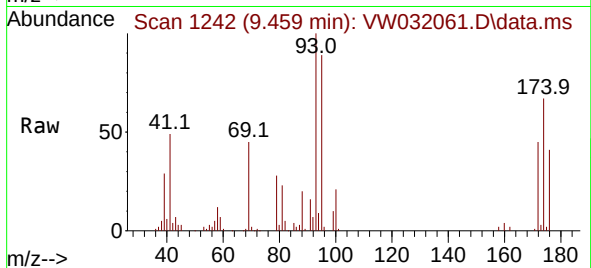
Tgt Ion: 88 Resp: 9712

Ion Ratio Lower Upper

88 100

43 24.9 20.6 30.8

58 78.3 60.4 90.6



#50

Toluene-d8

Concen: 49.765 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032061.D

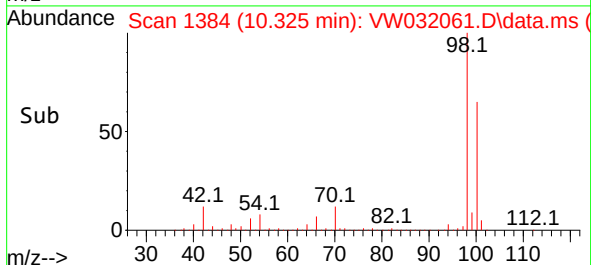
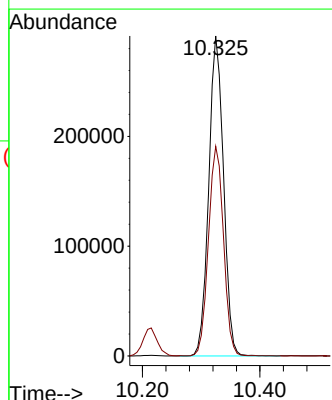
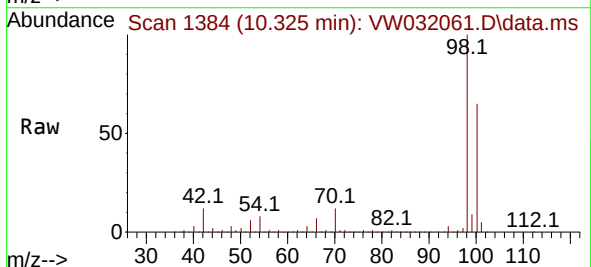
Acq: 11 Aug 2025 12:48

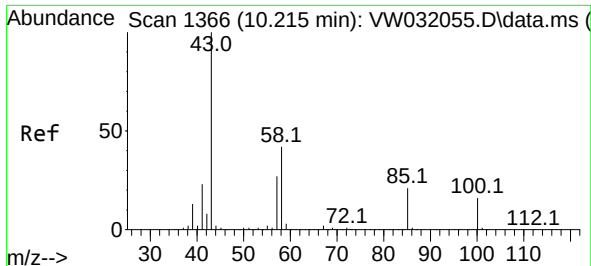
Tgt Ion: 98 Resp: 508647

Ion Ratio Lower Upper

98 100

100 66.6 51.1 76.7

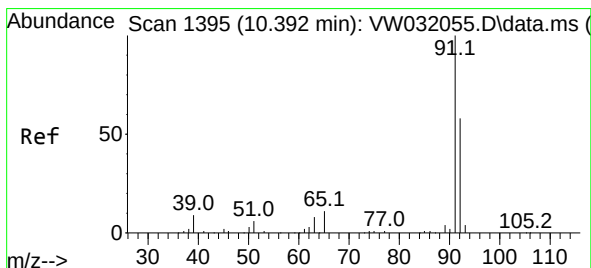
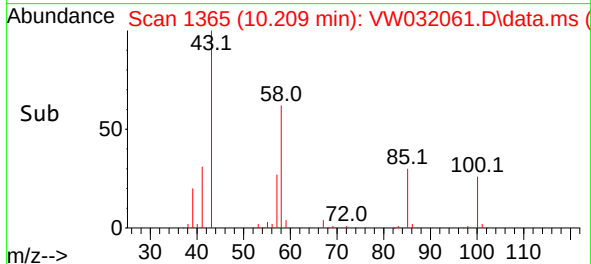
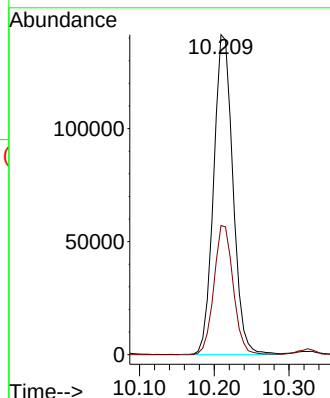
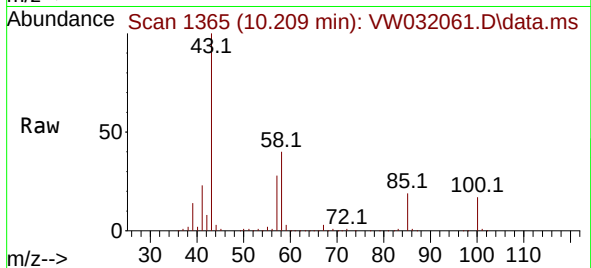




#51
4-Methyl-2-Pentanone
Concen: 106.423 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

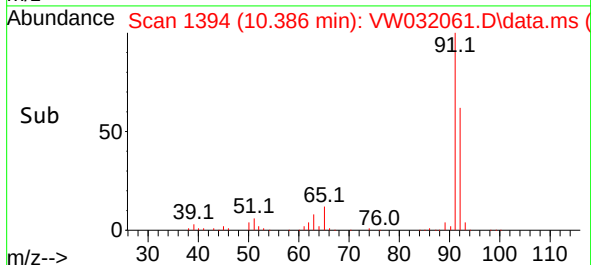
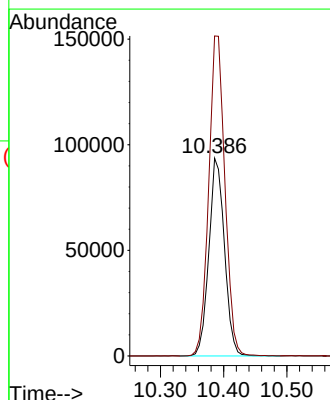
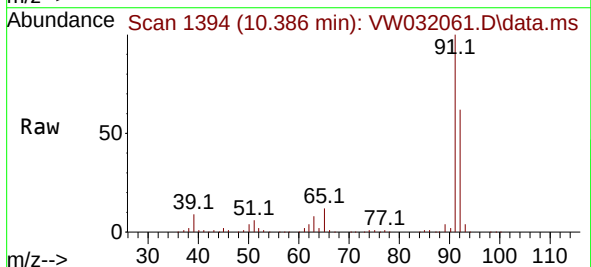
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

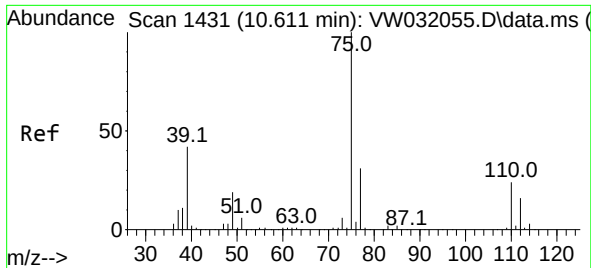
Tgt Ion: 43 Resp: 253567
Ion Ratio Lower Upper
43 100
58 40.5 33.1 49.7



#52
Toluene
Concen: 21.039 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 92 Resp: 160474
Ion Ratio Lower Upper
92 100
91 168.1 136.3 204.5

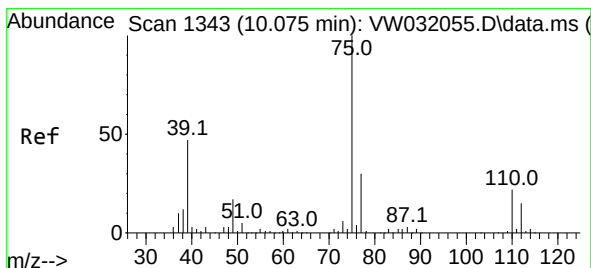
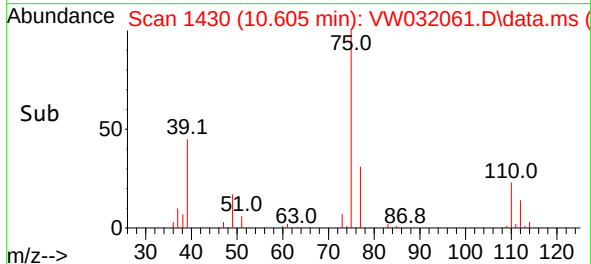
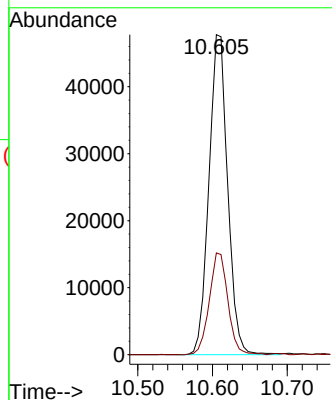
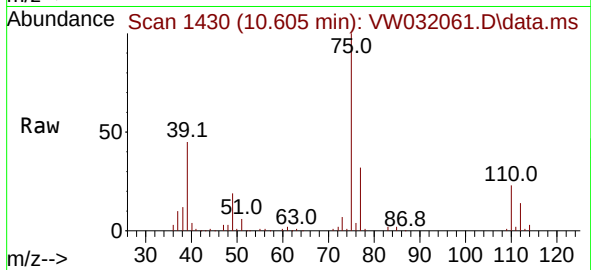




#53
t-1,3-Dichloropropene
Concen: 20.387 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

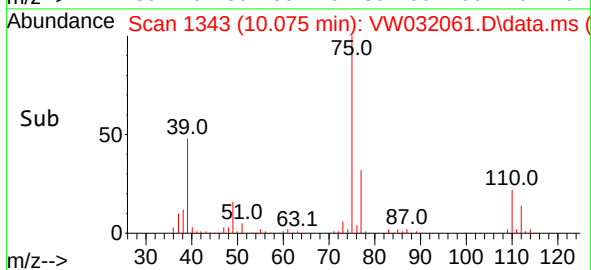
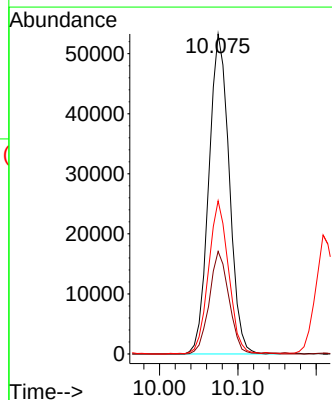
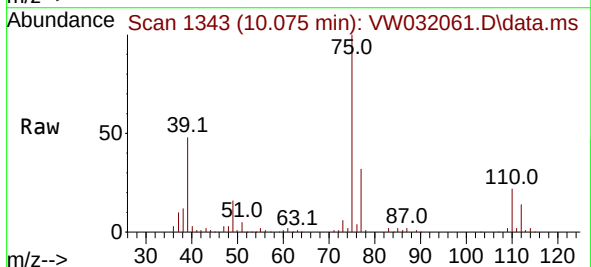
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

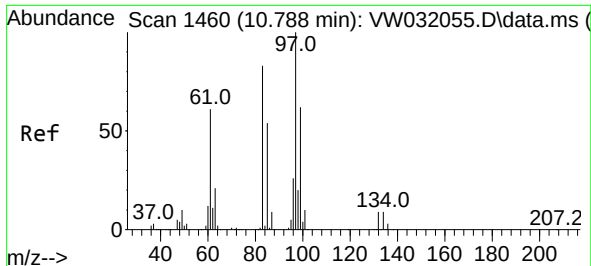
Tgt Ion: 75 Resp: 83098
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.866 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 75 Resp: 96489
Ion Ratio Lower Upper
75 100
77 32.1 24.0 36.0
39 47.7 37.8 56.8

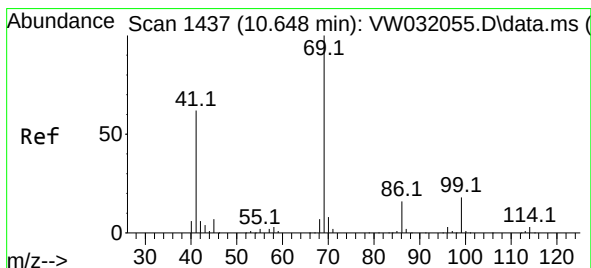
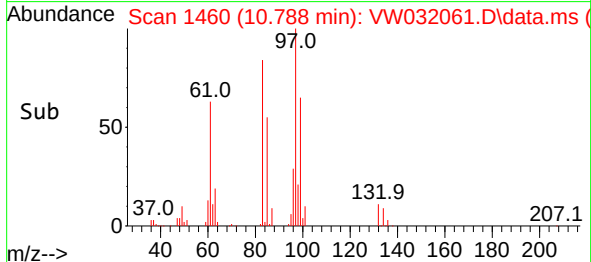
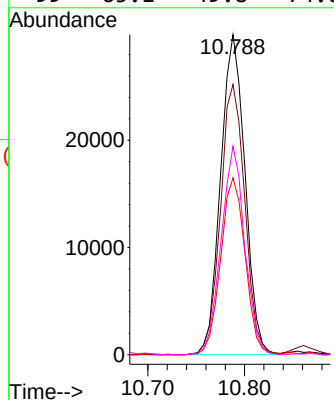
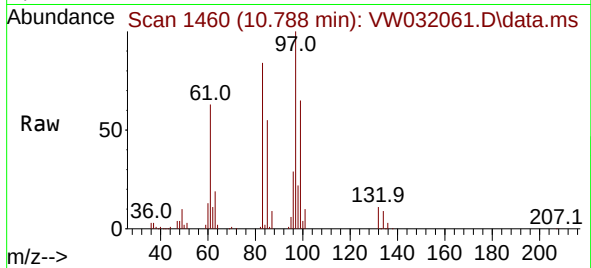




#55
1,1,2-Trichloroethane
Concen: 20.771 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

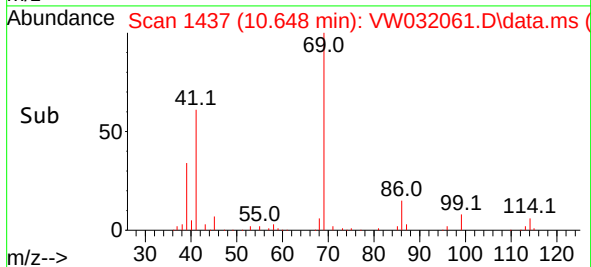
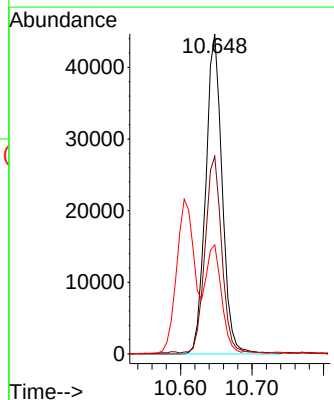
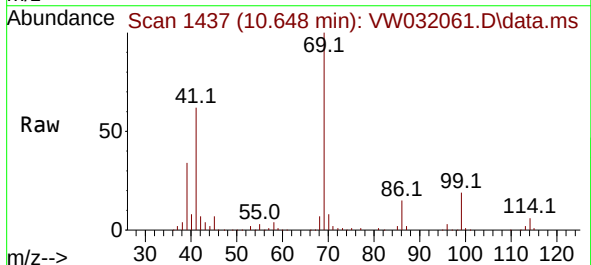
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

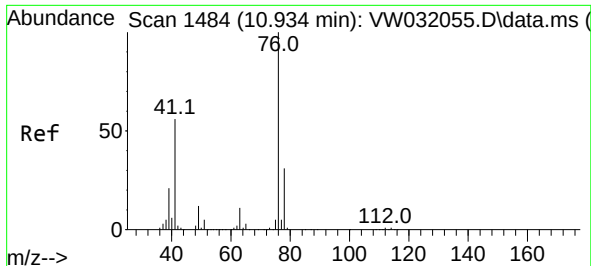
Tgt Ion:	97	Resp:	52115
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.4	99.6
85	55.2	43.1	64.7
99	65.1	49.8	74.6



#56
Ethyl methacrylate
Concen: 21.293 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion:	69	Resp:	71491
Ion	Ratio	Lower	Upper
69	100		
41	62.3	51.2	76.8
39	31.8	25.4	38.0





#57

1,3-Dichloropropane

Concen: 20.874 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

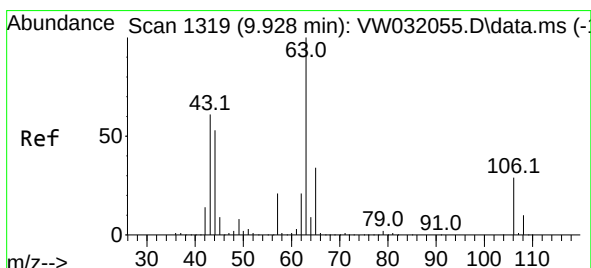
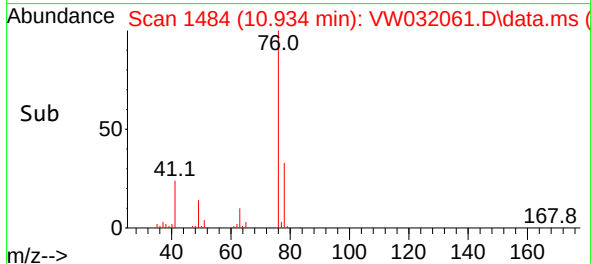
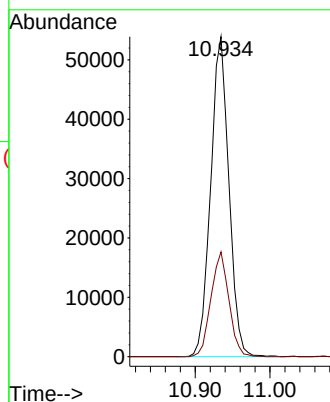
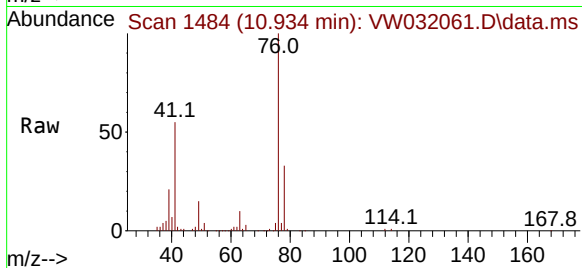
VW0811SBS01

Tgt Ion: 76 Resp: 91289

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.002 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032061.D

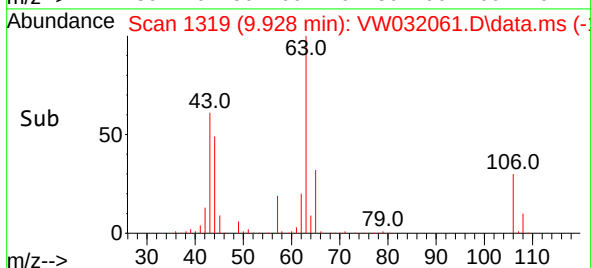
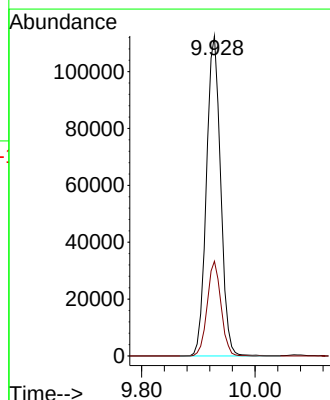
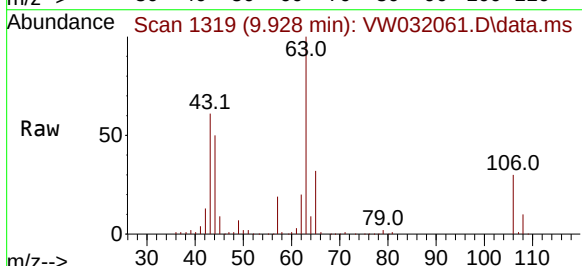
Acq: 11 Aug 2025 12:48

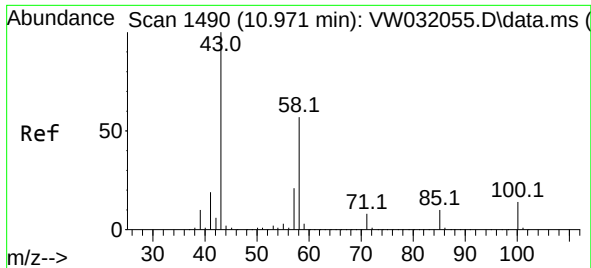
Tgt Ion: 63 Resp: 195002

Ion Ratio Lower Upper

63 100

106 28.7 23.5 35.3

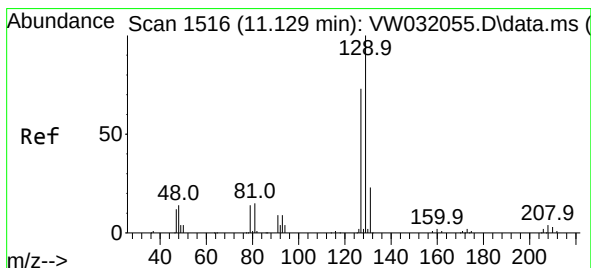
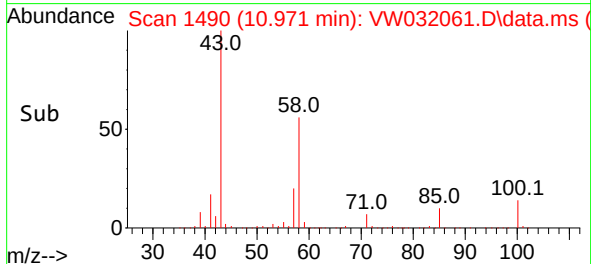
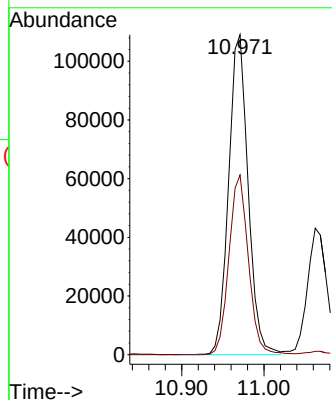
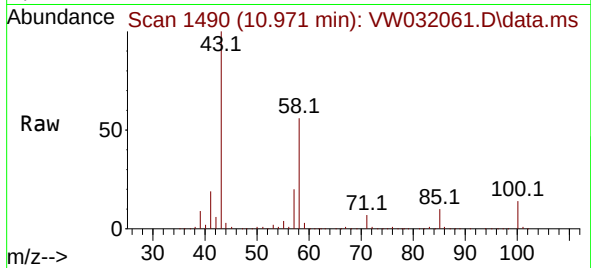




#59
2-Hexanone
Concen: 108.432 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

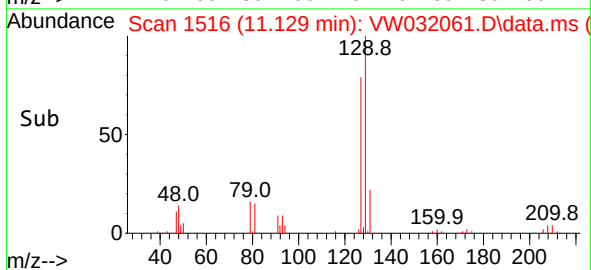
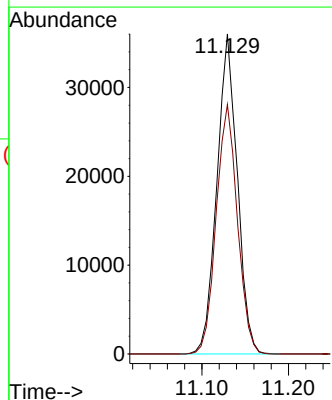
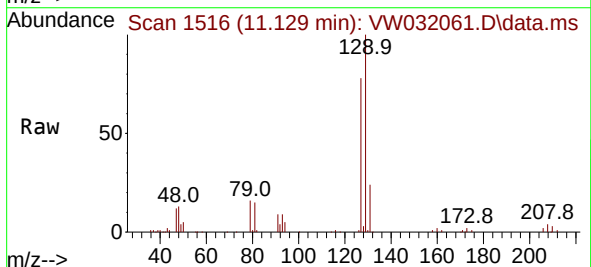
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

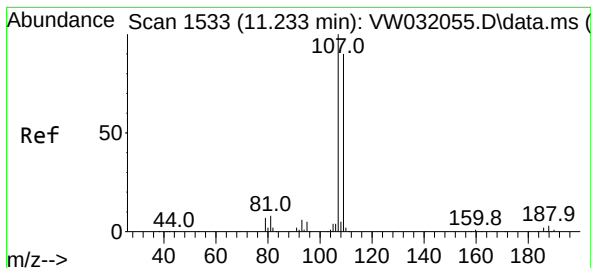
Tgt Ion: 43 Resp: 178926
Ion Ratio Lower Upper
43 100
58 56.2 28.3 85.0



#60
Dibromochloromethane
Concen: 20.578 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion:129 Resp: 58977
Ion Ratio Lower Upper
129 100
127 80.9 39.0 116.9

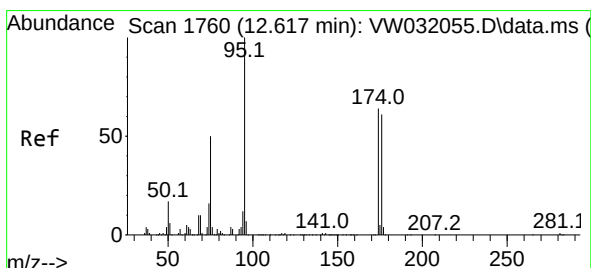
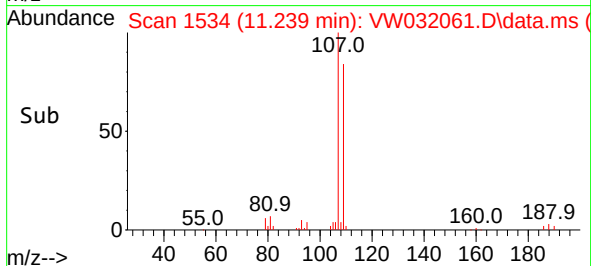
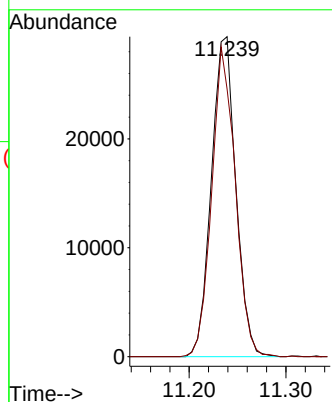
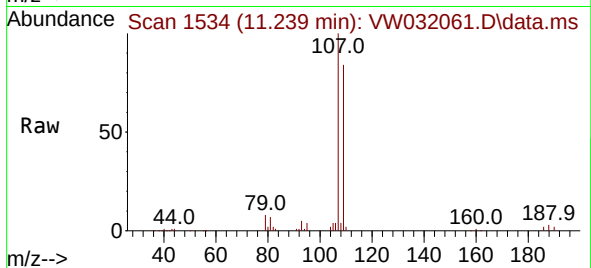




#61
1,2-Dibromoethane
Concen: 21.183 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

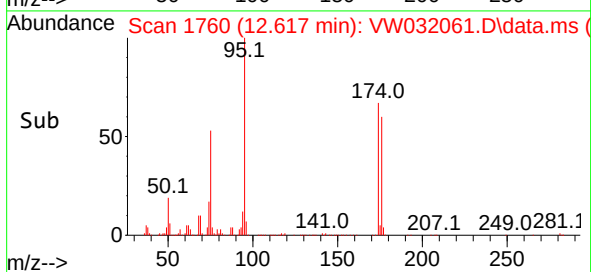
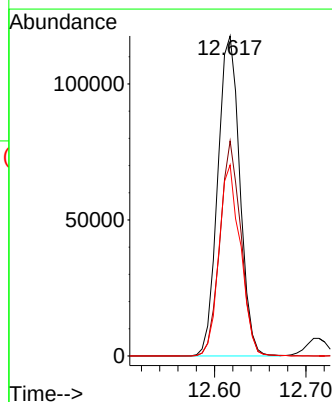
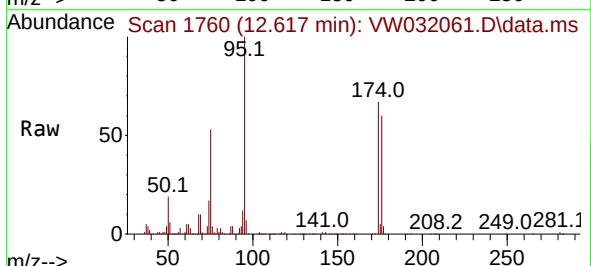
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

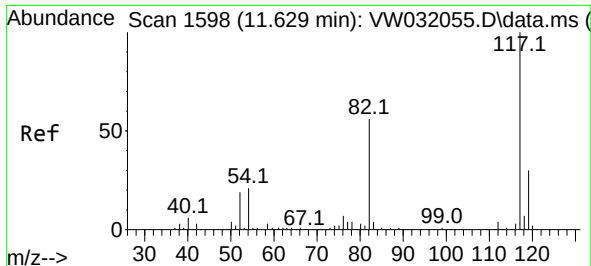
Tgt Ion:107 Resp: 51647
Ion Ratio Lower Upper
107 100
109 93.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.373 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 95 Resp: 197267
Ion Ratio Lower Upper
95 100
174 63.9 0.0 129.0
176 58.2 0.0 124.6

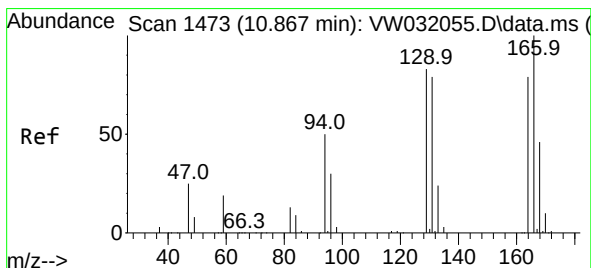
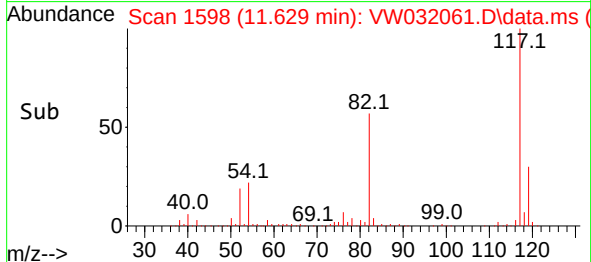
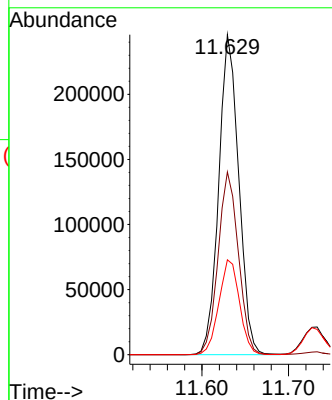
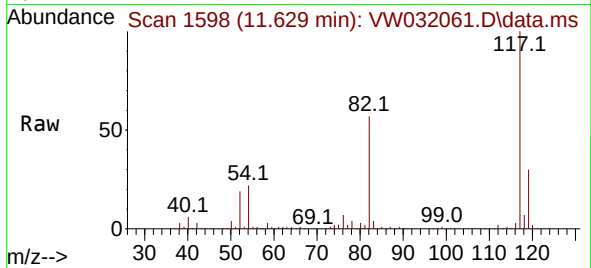




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

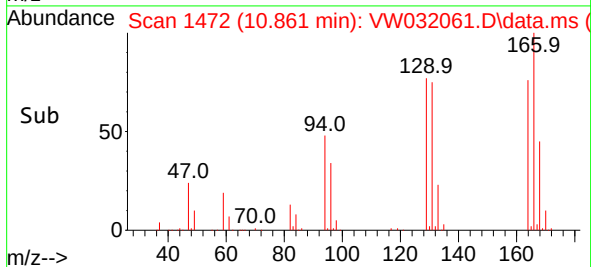
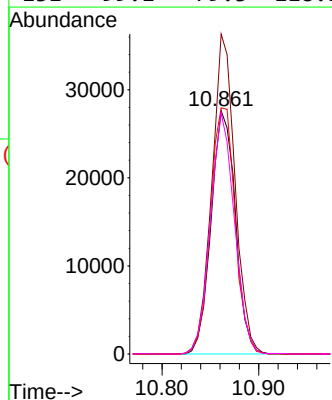
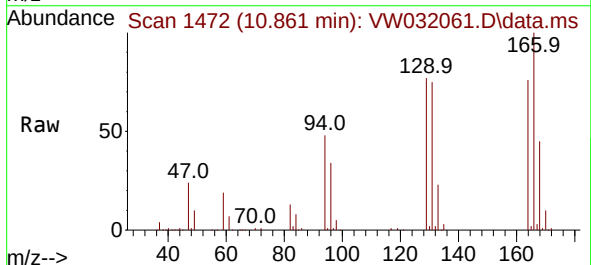
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

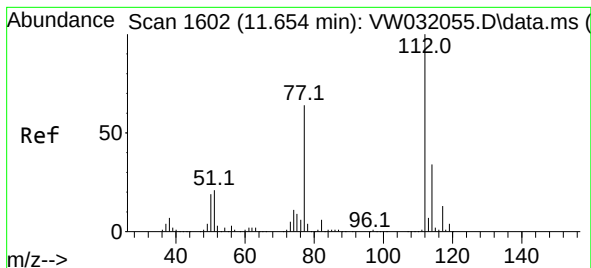
Tgt Ion:117 Resp: 394820
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 29.7 24.2 36.4



#64
Tetrachloroethene
Concen: 21.074 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion:164 Resp: 48059
Ion Ratio Lower Upper
164 100
166 131.6 100.9 151.3
129 101.2 83.6 125.4
131 99.1 79.3 118.9





#65

Chlorobenzene

Concen: 20.189 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

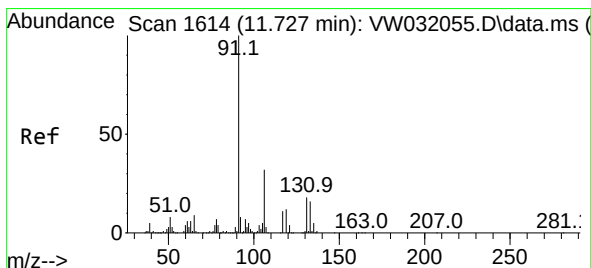
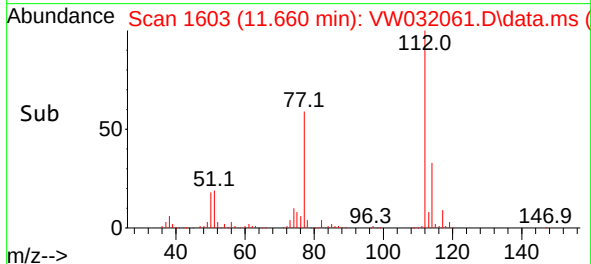
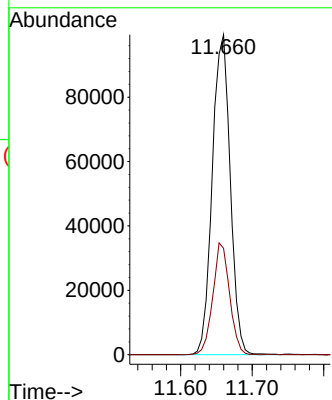
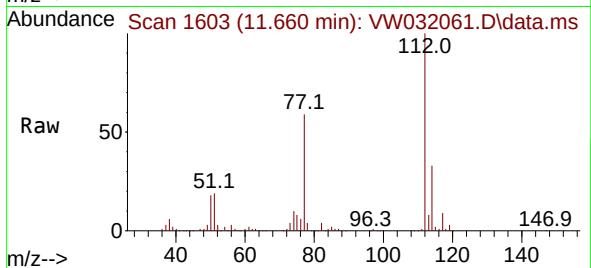
VW0811SBS01

Tgt Ion:112 Resp: 173499

Ion Ratio Lower Upper

112 100

114 33.2 26.9 40.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.910 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

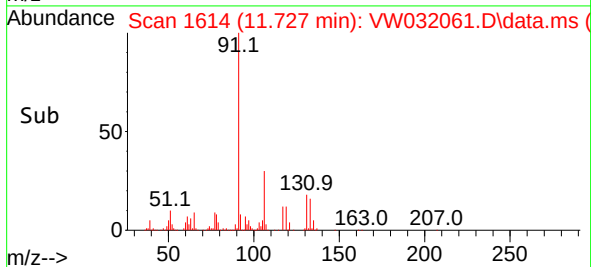
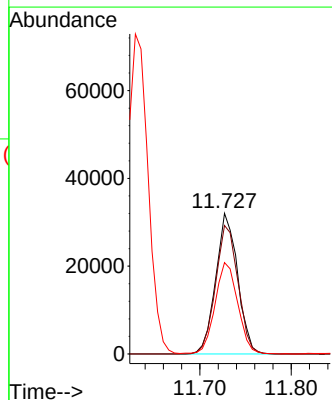
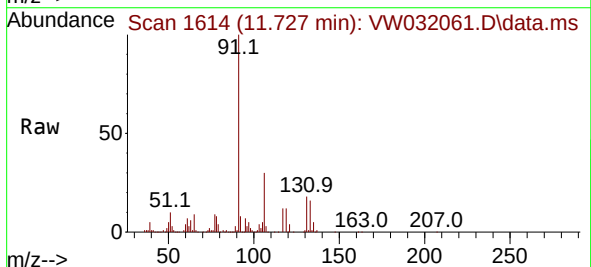
Tgt Ion:131 Resp: 53383

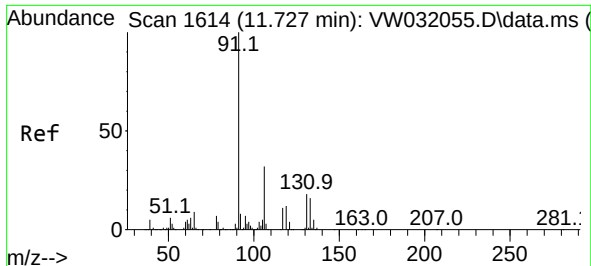
Ion Ratio Lower Upper

131 100

133 93.9 47.3 142.0

119 67.5 34.5 103.5

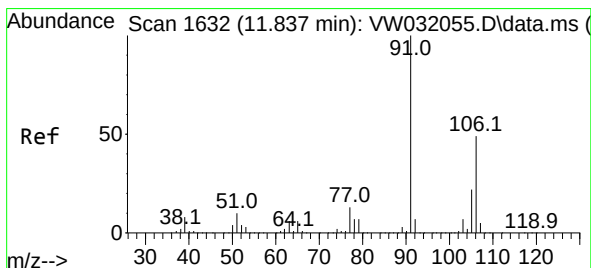
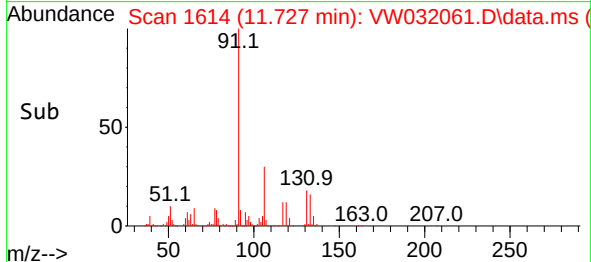
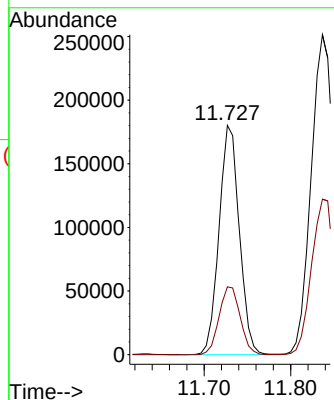
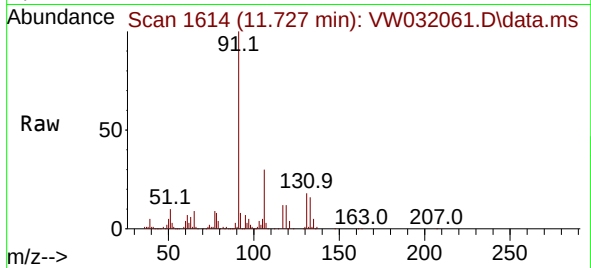




#67
Ethyl Benzene
Concen: 20.129 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

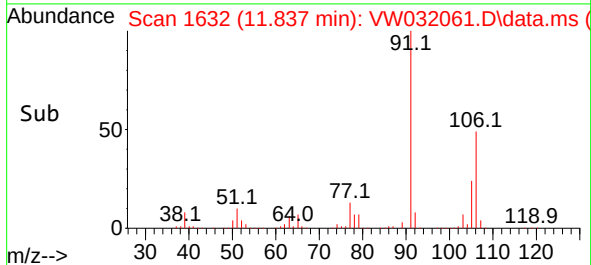
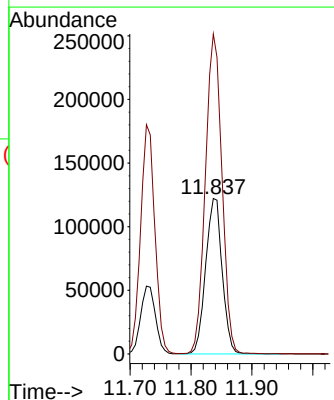
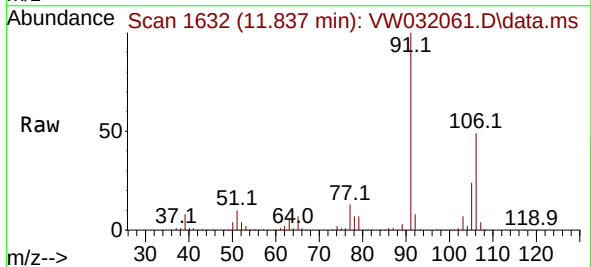
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

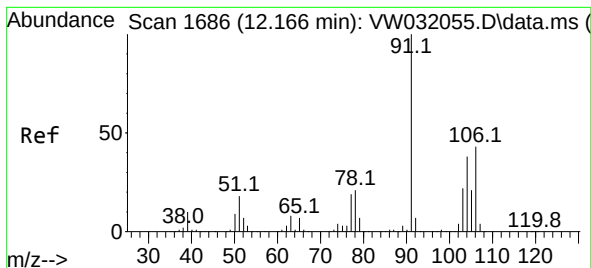
Tgt Ion: 91 Resp: 293010
Ion Ratio Lower Upper
91 100
106 29.6 25.4 38.0



#68
m/p-Xylenes
Concen: 40.901 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 106 Resp: 229740
Ion Ratio Lower Upper
106 100
91 206.5 162.2 243.2





#69

o-Xylene

Concen: 21.194 ug/l

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

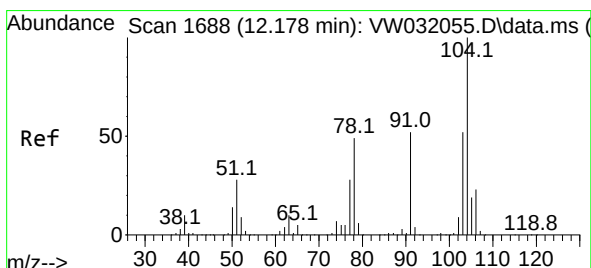
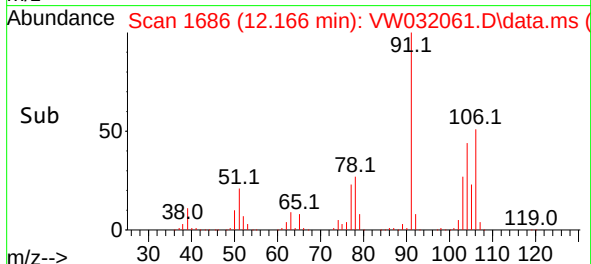
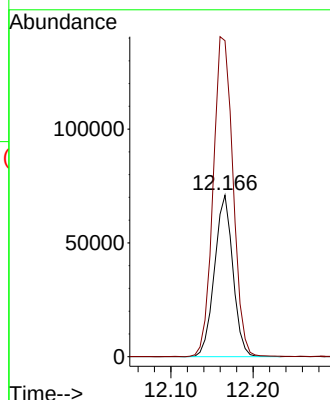
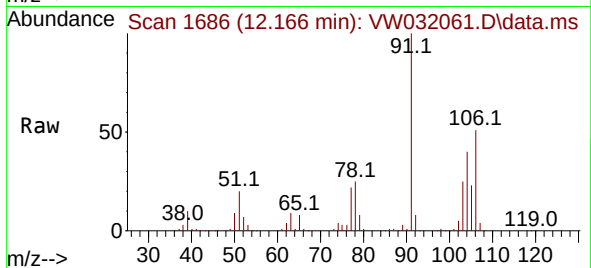
VW0811SBS01

Tgt Ion:106 Resp: 110031

Ion Ratio Lower Upper

106 100

91 214.2 110.8 332.3



#70

Styrene

Concen: 20.893 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

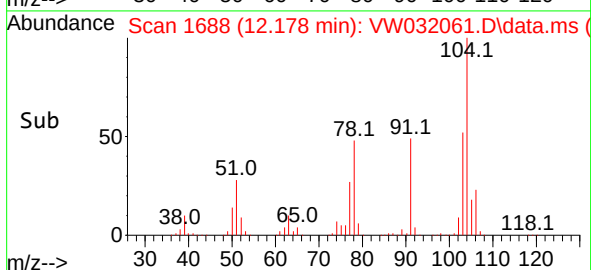
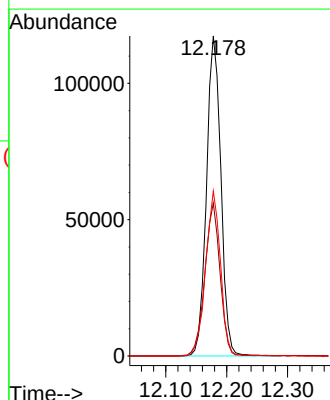
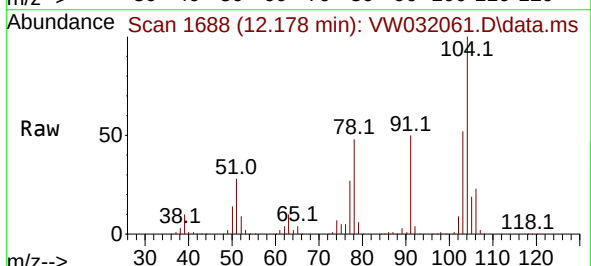
Tgt Ion:104 Resp: 192666

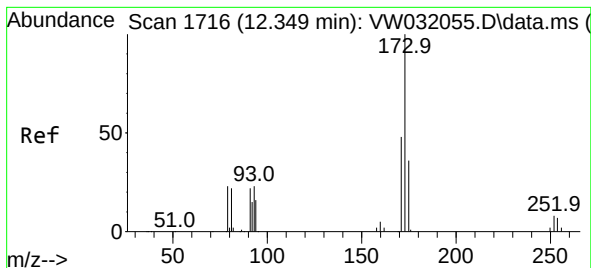
Ion Ratio Lower Upper

104 100

78 50.5 41.2 61.8

103 53.3 43.8 65.8





#71

Bromoform

Concen: 19.630 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

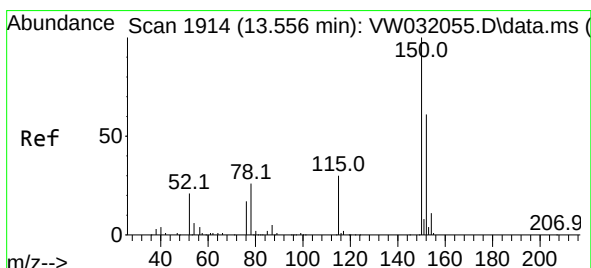
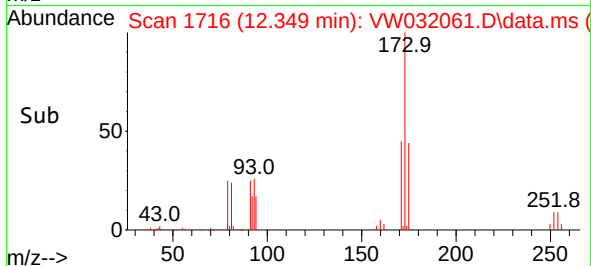
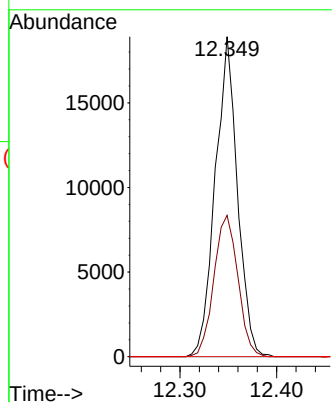
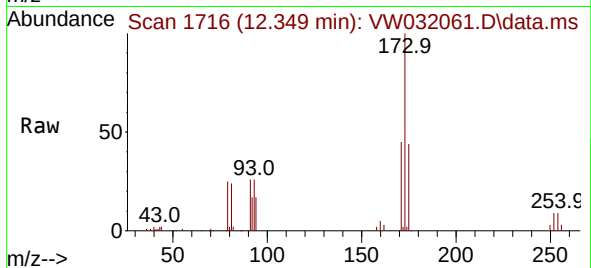
Tgt Ion:173 Resp: 30108

Ion Ratio Lower Upper

173 100

175 47.7 22.9 68.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

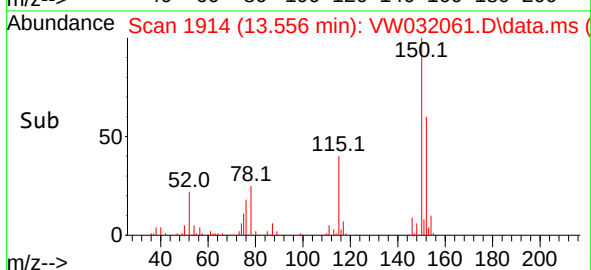
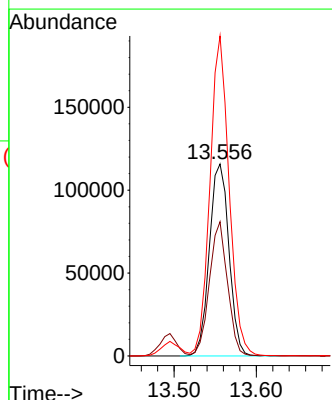
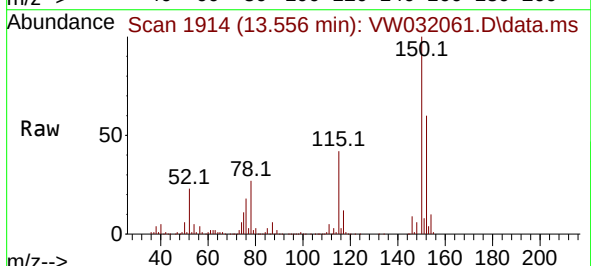
Tgt Ion:152 Resp: 191594

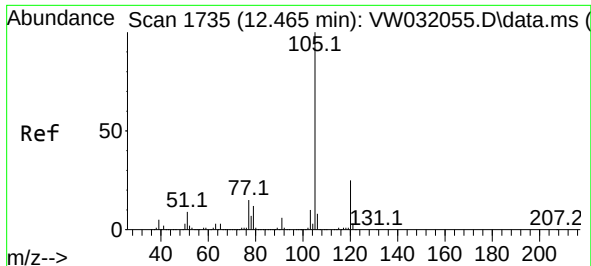
Ion Ratio Lower Upper

152 100

115 65.1 32.6 97.8

150 162.6 0.0 359.4

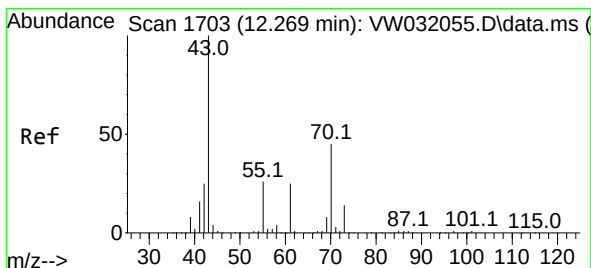
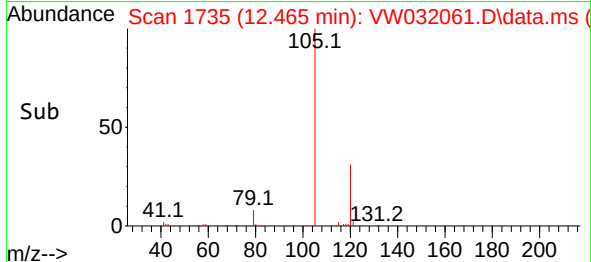
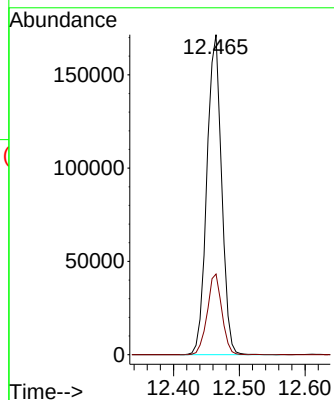
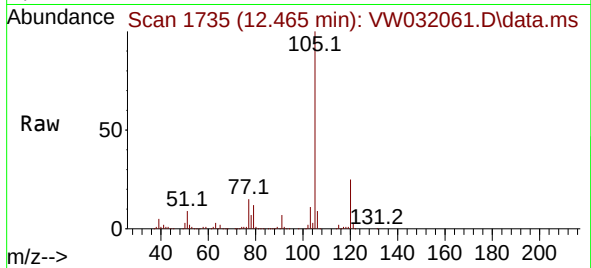




#73
Isopropylbenzene
Concen: 19.925 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

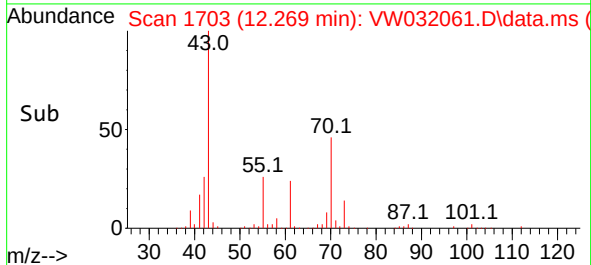
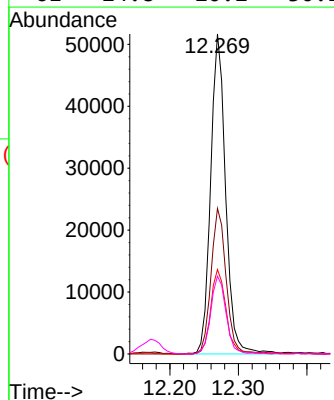
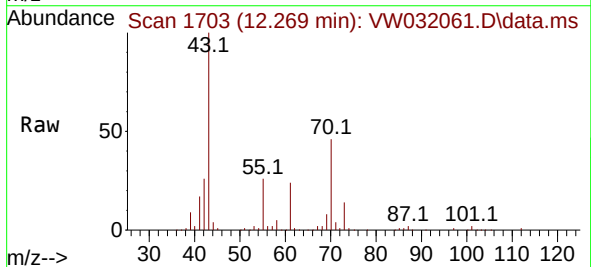
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

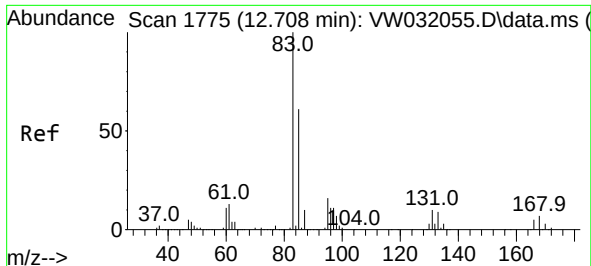
Tgt Ion:105 Resp: 266790
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4



#74
N-ethyl acetate
Concen: 20.526 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 43 Resp: 78852
Ion Ratio Lower Upper
43 100
70 45.7 37.0 55.4
55 27.3 21.1 31.7
61 24.8 20.2 30.2

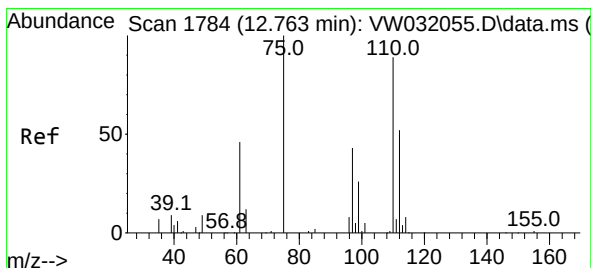
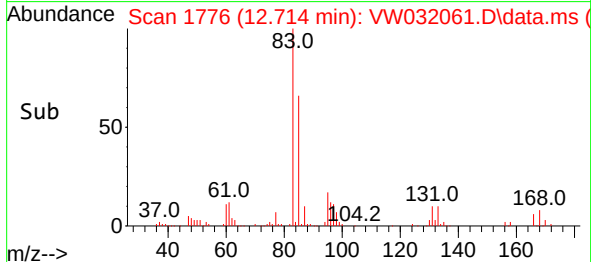
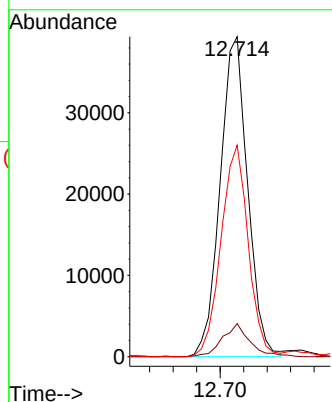
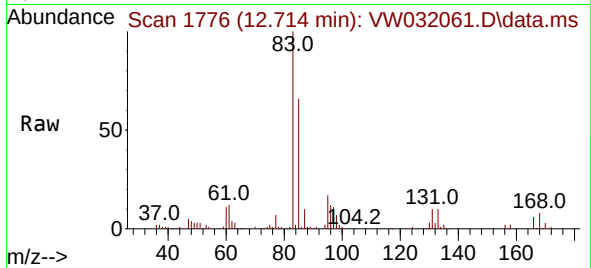




#75
1,1,2,2-Tetrachloroethane
Concen: 20.118 ug/l
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

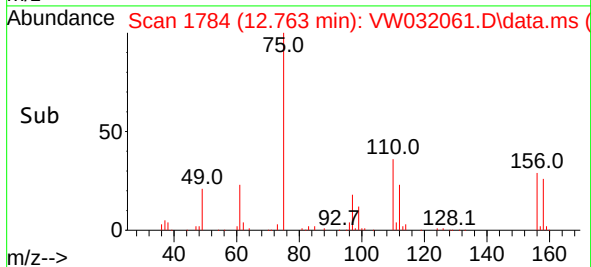
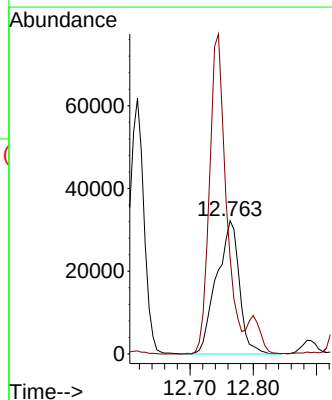
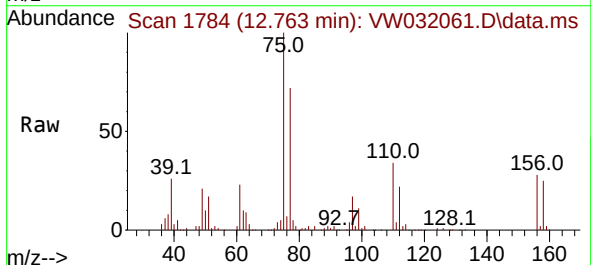
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

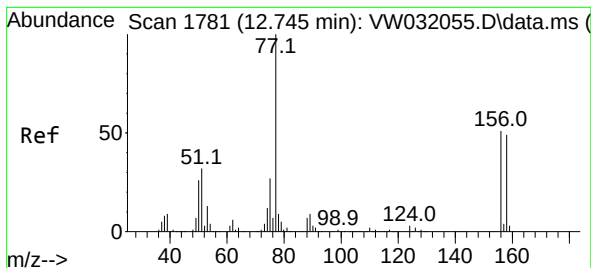
Tgt Ion: 83 Resp: 63958
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 65.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 30.894 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 75 Resp: 80336
Ion Ratio Lower Upper
75 100
77 175.6 123.5 370.5





#77

Bromobenzene

Concen: 20.423 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

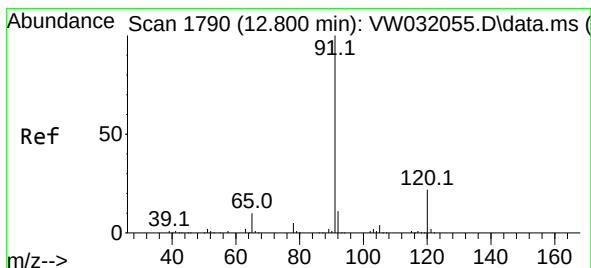
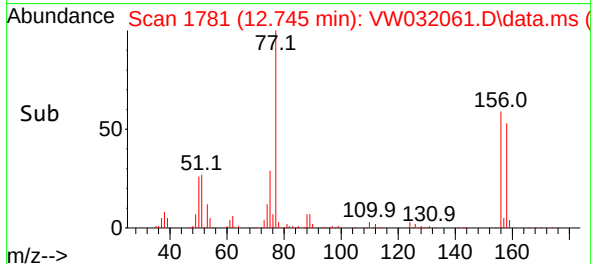
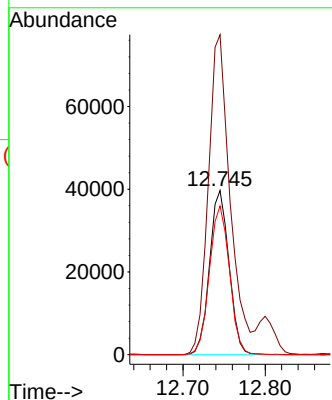
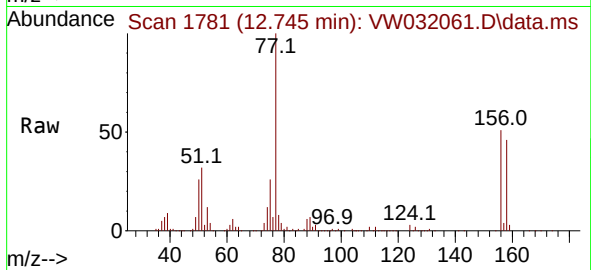
Tgt Ion:156 Resp: 65314

Ion Ratio Lower Upper

156 100

77 216.0 108.7 326.3

158 93.1 48.3 144.9



#78

n-propylbenzene

Concen: 20.616 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032061.D

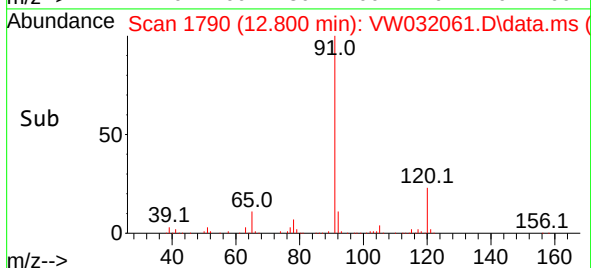
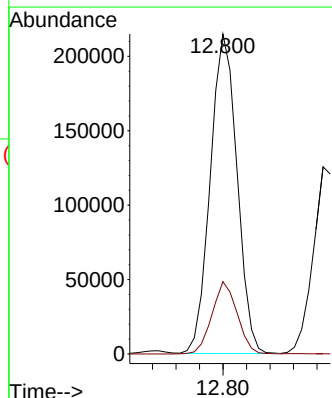
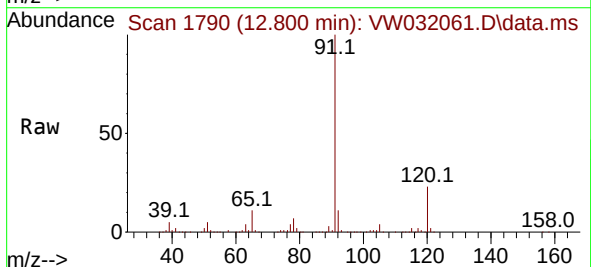
Acq: 11 Aug 2025 12:48

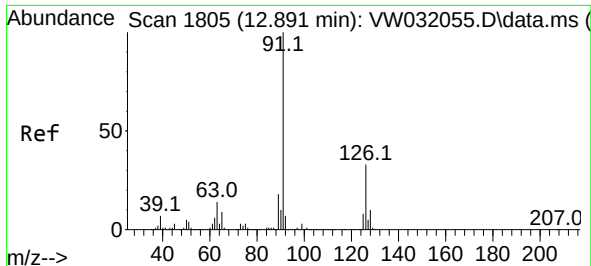
Tgt Ion: 91 Resp: 339857

Ion Ratio Lower Upper

91 100

120 21.3 11.1 33.3

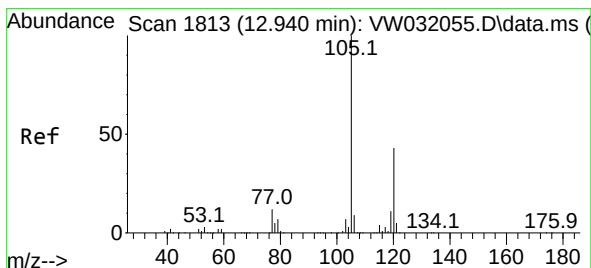
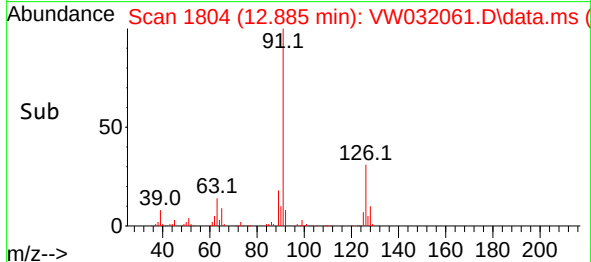
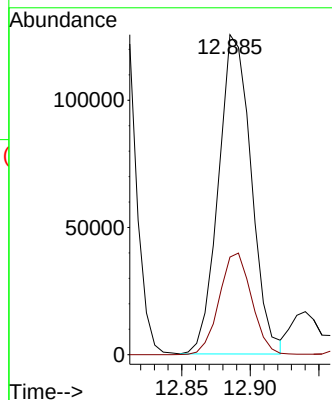
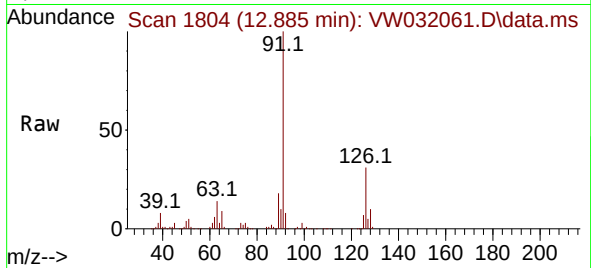




#79
2-Chlorotoluene
Concen: 20.570 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

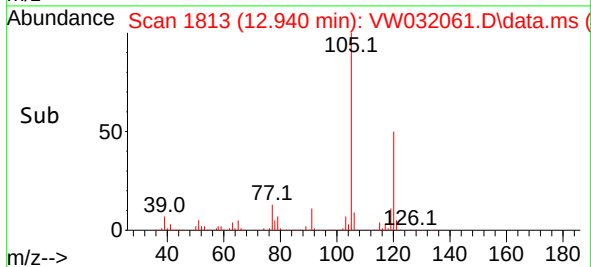
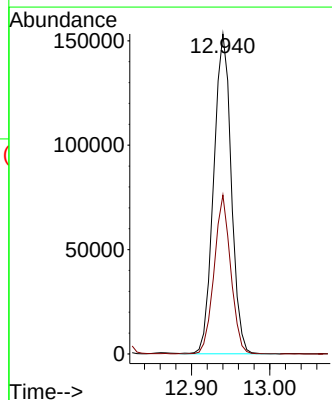
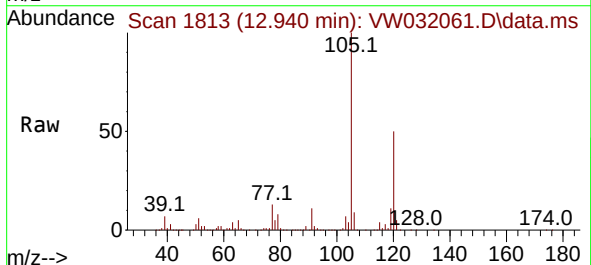
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

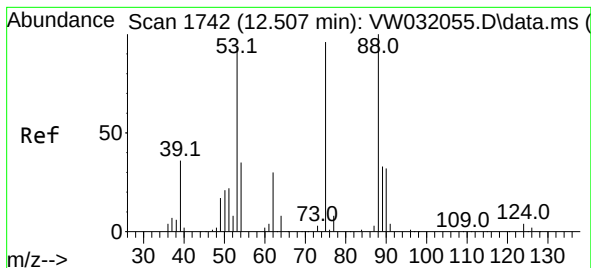
Tgt Ion: 91 Resp: 209277
Ion Ratio Lower Upper
91 100
126 31.5 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 20.975 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 105 Resp: 238429
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.0

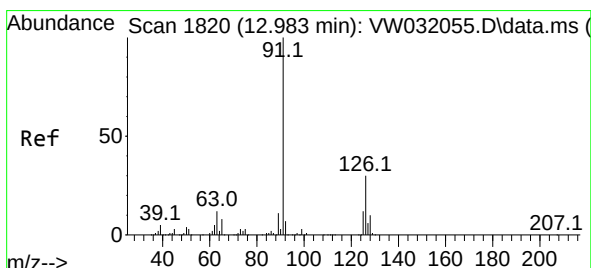
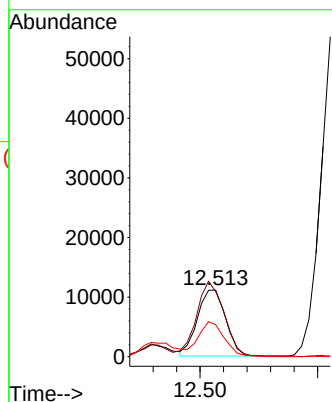
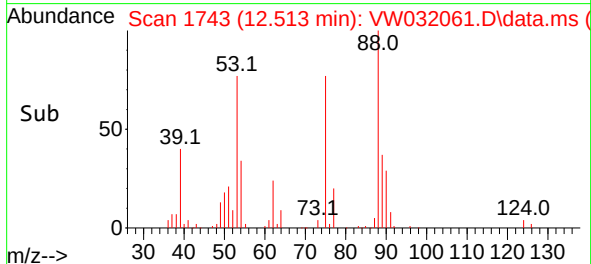
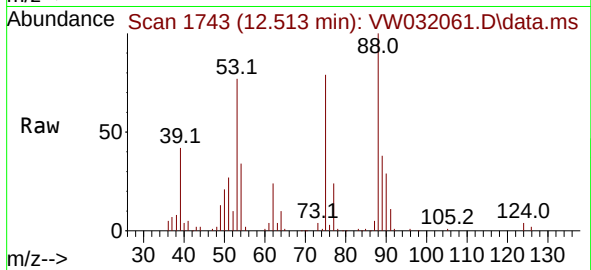




#81
trans-1,4-Dichloro-2-butene
Concen: 18.484 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

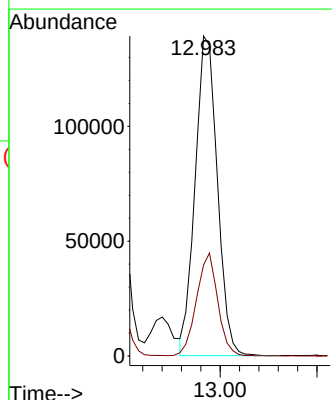
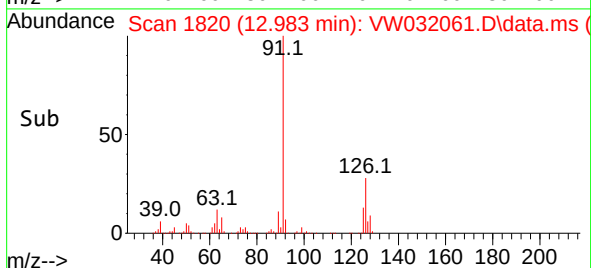
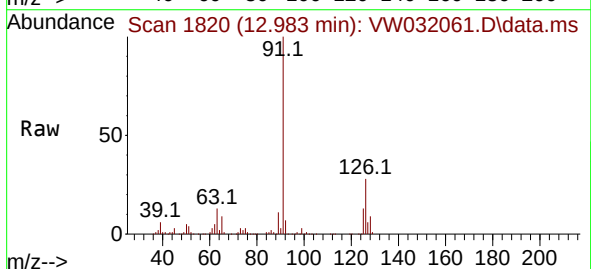
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

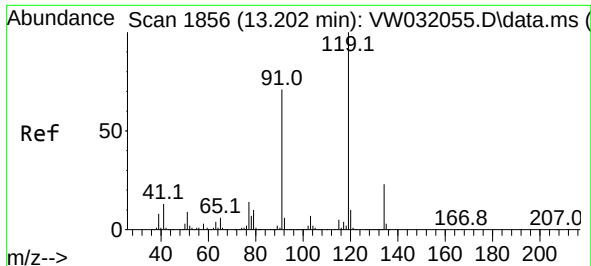
Tgt Ion: 75 Resp: 18566
Ion Ratio Lower Upper
75 100
53 113.2 81.0 121.6
89 47.5 37.3 55.9



#82
4-Chlorotoluene
Concen: 20.547 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 91 Resp: 222101
Ion Ratio Lower Upper
91 100
126 30.9 15.5 46.5

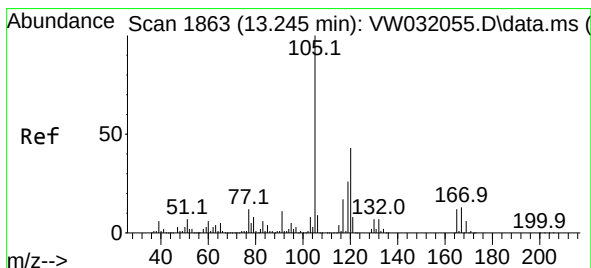
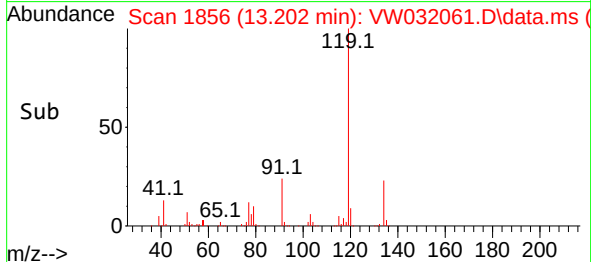
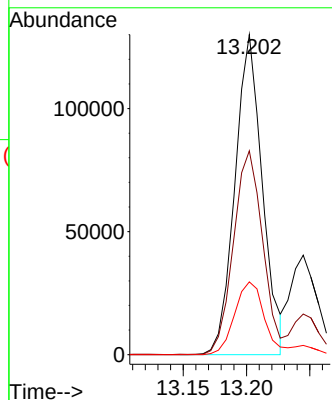
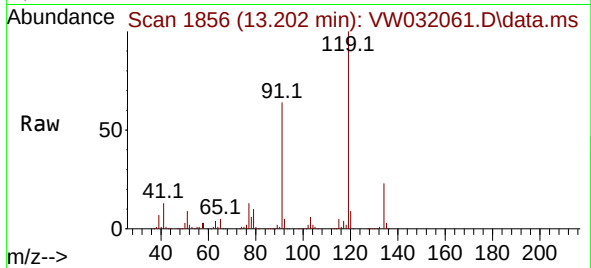




#83
tert-Butylbenzene
Concen: 20.817 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

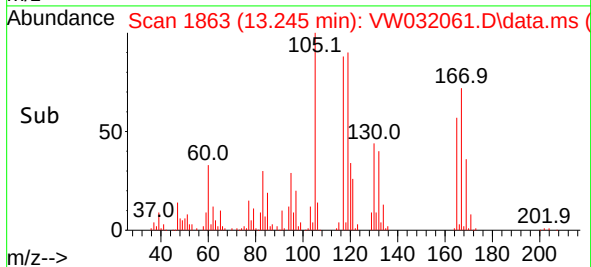
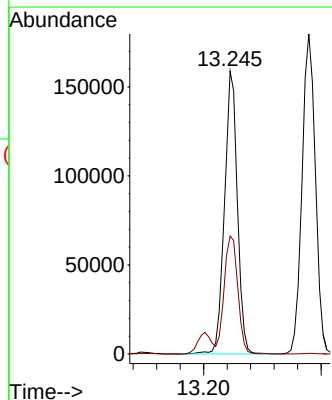
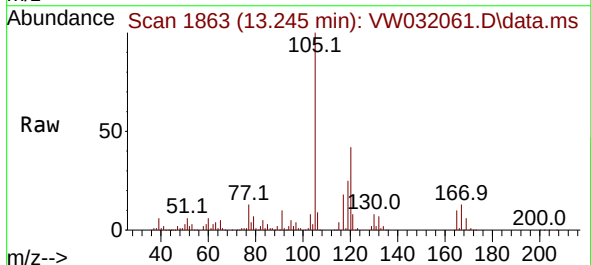
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

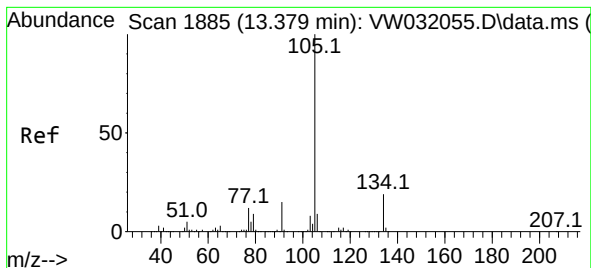
Tgt Ion:119 Resp: 196393
Ion Ratio Lower Upper
119 100
91 67.6 35.3 105.9
134 24.6 12.1 36.3



#84
1,2,4-Trimethylbenzene
Concen: 20.878 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion:105 Resp: 241596
Ion Ratio Lower Upper
105 100
120 44.0 21.6 64.8





#85

sec-Butylbenzene

Concen: 19.818 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

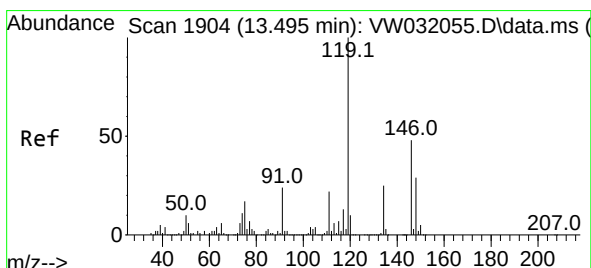
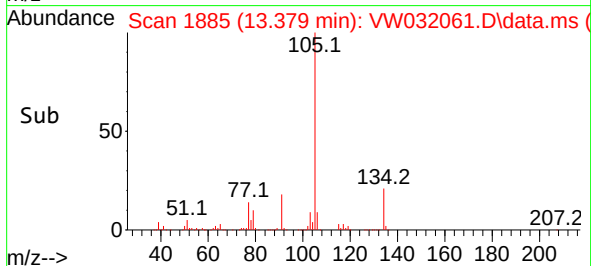
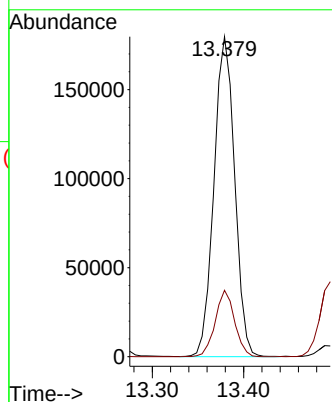
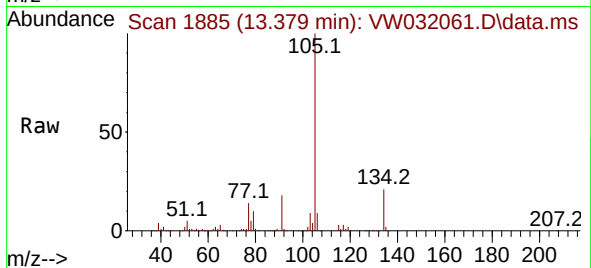
VW0811SBS01

Tgt Ion:105 Resp: 282666

Ion Ratio Lower Upper

105 100

134 19.4 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.078 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

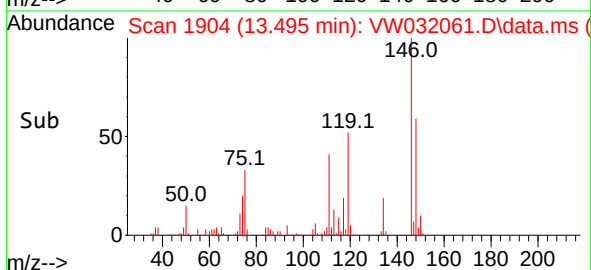
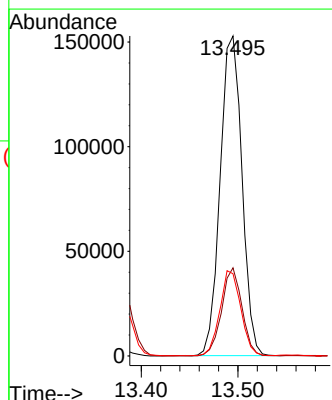
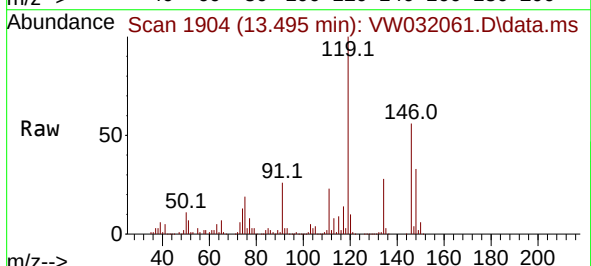
Tgt Ion:119 Resp: 238749

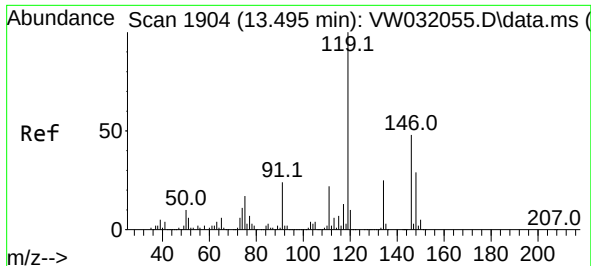
Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.0

91 25.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.364 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

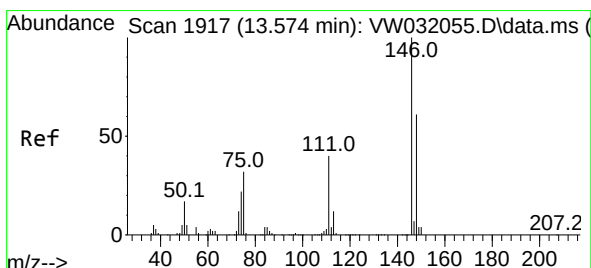
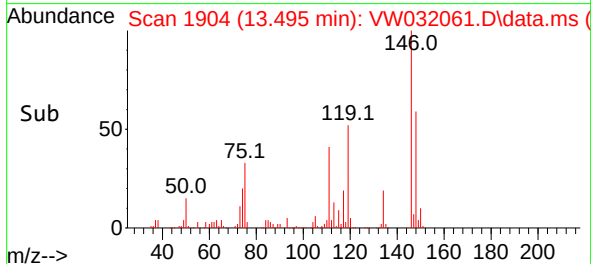
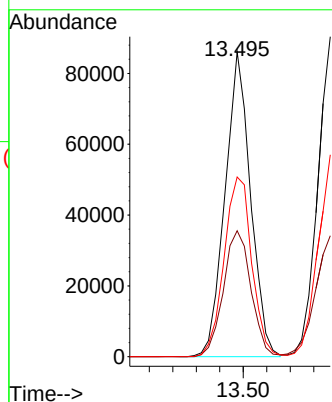
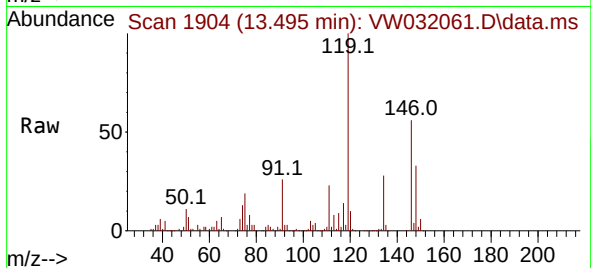
Tgt Ion:146 Resp: 129585

Ion Ratio Lower Upper

146 100

111 44.7 21.2 63.6

148 64.2 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 20.677 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

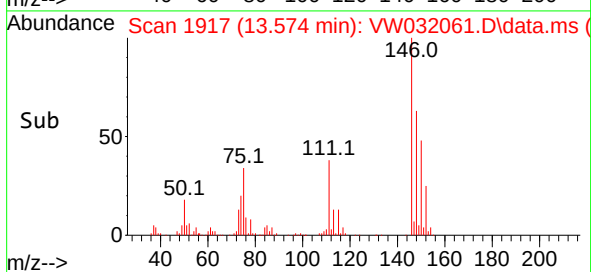
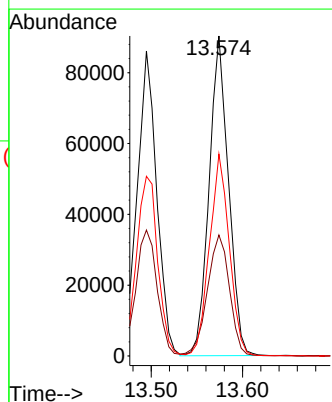
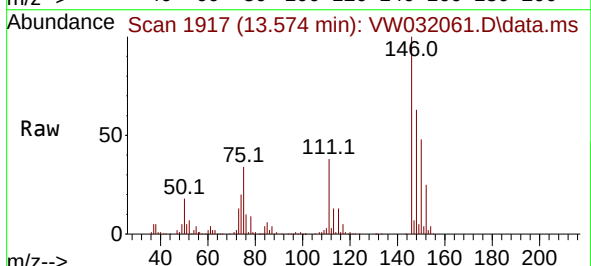
Tgt Ion:146 Resp: 132968

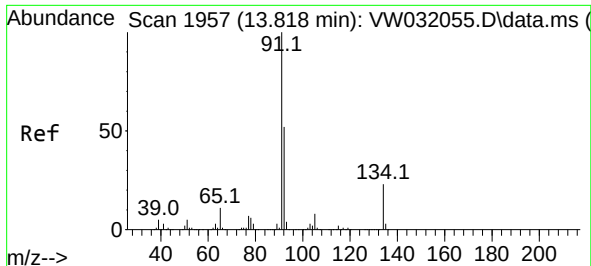
Ion Ratio Lower Upper

146 100

111 43.3 21.6 64.6

148 64.6 32.0 96.2

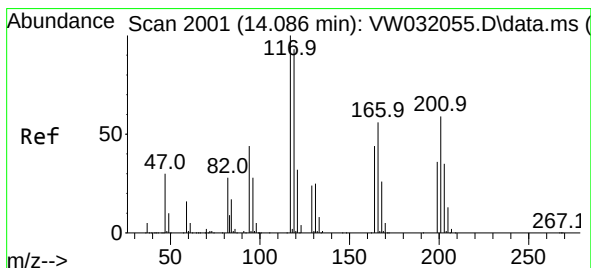
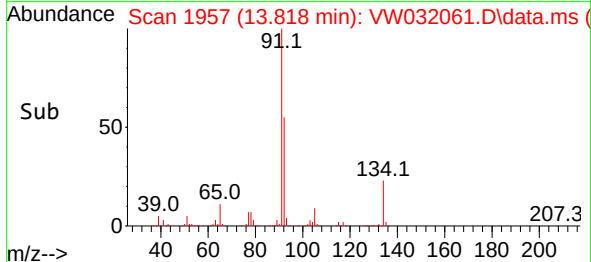
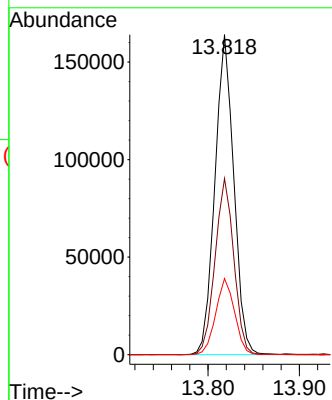
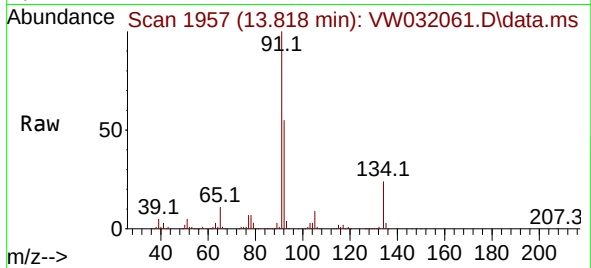




#89
n-Butylbenzene
Concen: 20.377 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

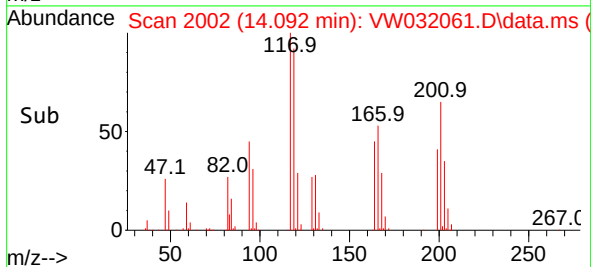
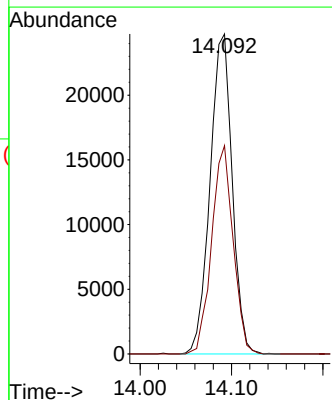
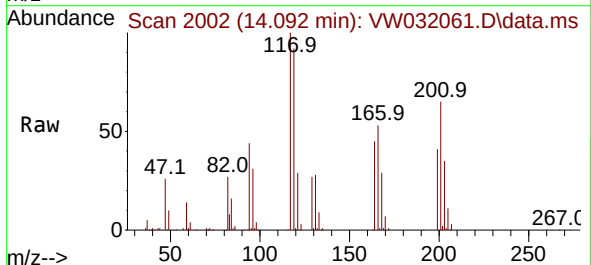
Instrument :
MSVOA_W
ClientSampleId :
VW0811SBS01

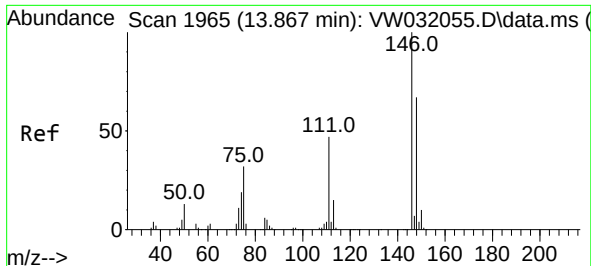
Tgt Ion: 91 Resp: 235392
Ion Ratio Lower Upper
91 100
92 54.8 26.7 80.1
134 23.8 12.0 36.1



#90
Hexachloroethane
Concen: 19.094 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032061.D
Acq: 11 Aug 2025 12:48

Tgt Ion: 117 Resp: 41522
Ion Ratio Lower Upper
117 100
201 63.3 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 20.259 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

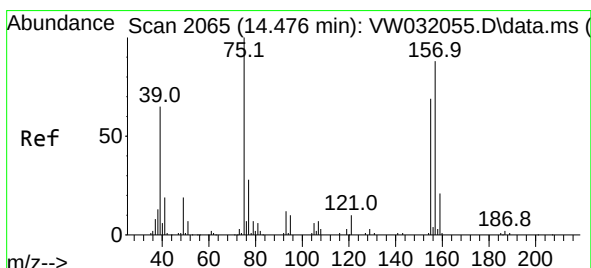
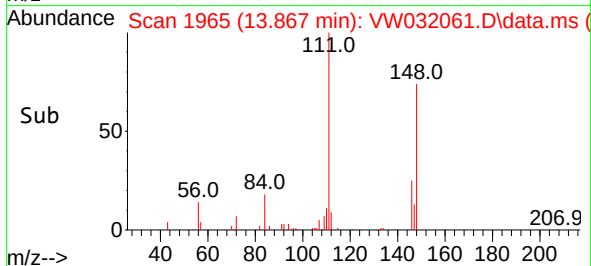
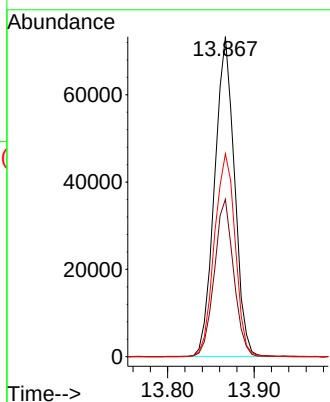
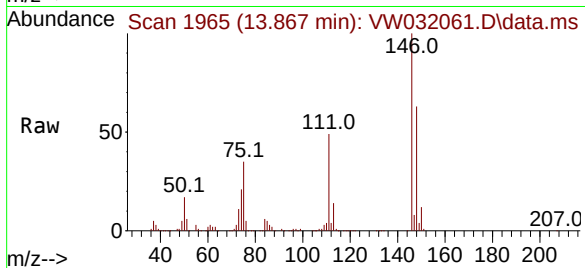
Tgt Ion:146 Resp: 116780

Ion Ratio Lower Upper

146 100

111 48.0 23.1 69.3

148 66.3 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.070 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

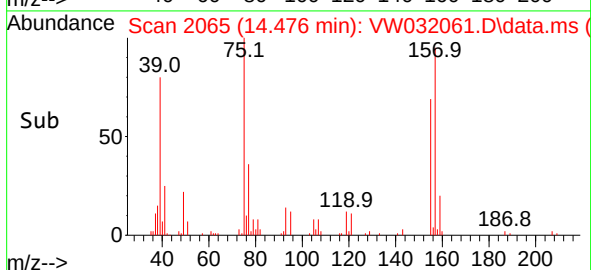
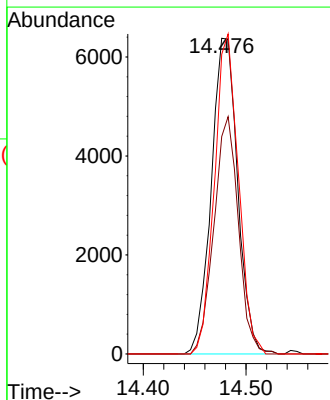
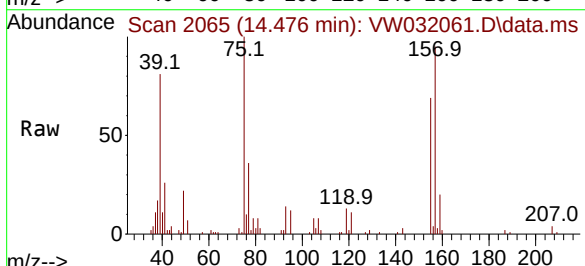
Tgt Ion: 75 Resp: 11343

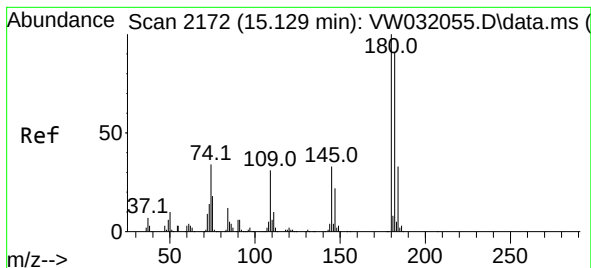
Ion Ratio Lower Upper

75 100

155 69.8 35.2 105.6

157 92.0 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 19.544 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

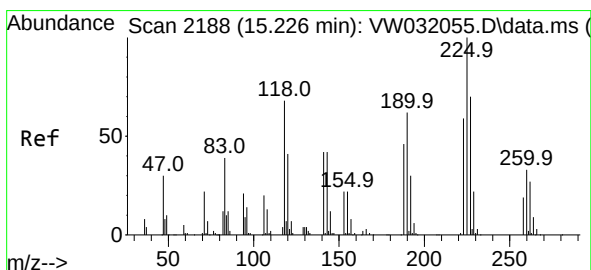
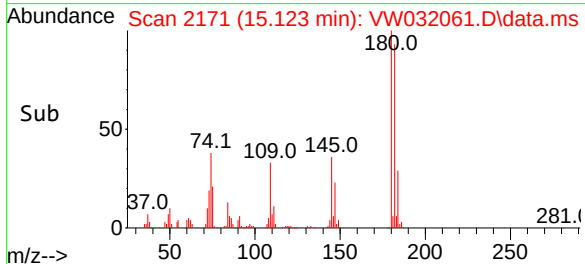
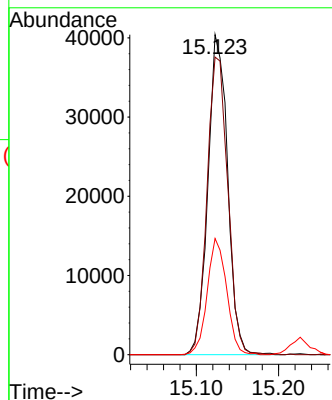
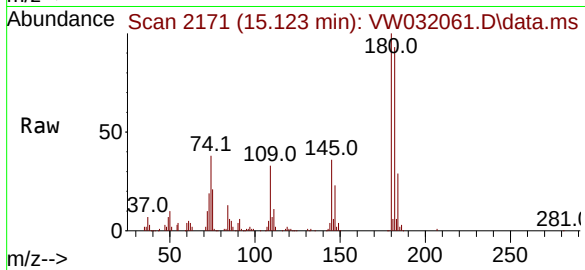
Tgt Ion:180 Resp: 67394

Ion Ratio Lower Upper

180 100

182 97.6 49.0 147.0

145 35.7 17.3 51.9



#94

Hexachlorobutadiene

Concen: 20.753 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

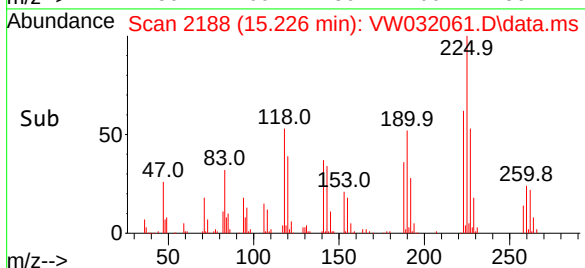
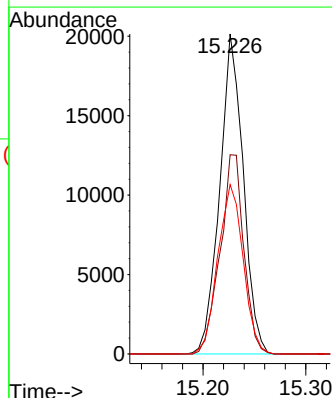
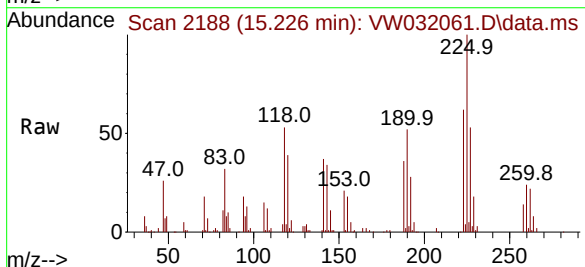
Tgt Ion:225 Resp: 31990

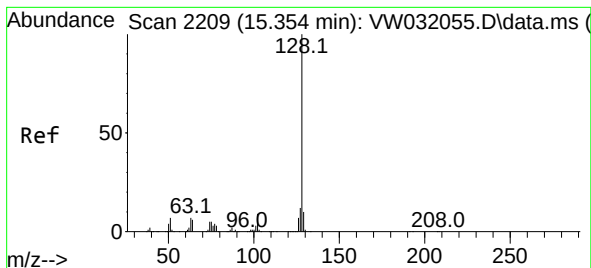
Ion Ratio Lower Upper

225 100

223 62.7 31.8 95.3

227 57.0 33.5 100.5





#95

Naphthalene

Concen: 20.498 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0811SBS01

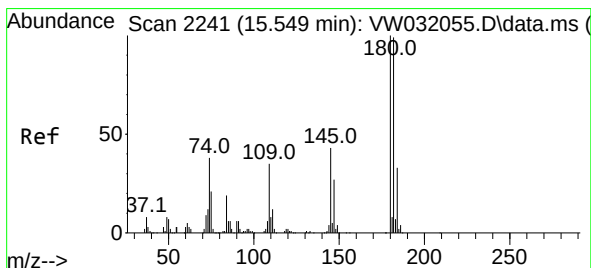
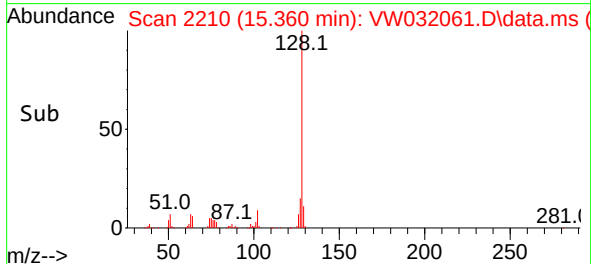
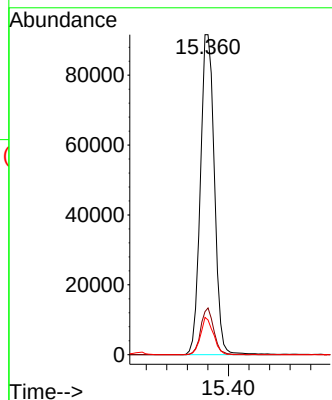
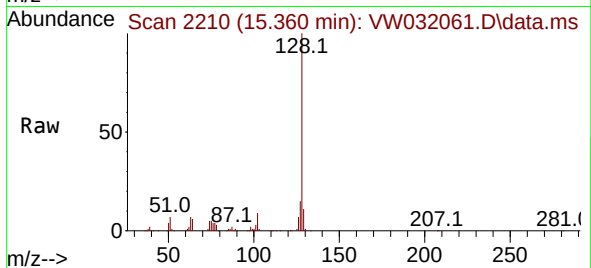
Tgt Ion:128 Resp: 173199

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 10.7 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 21.446 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032061.D

Acq: 11 Aug 2025 12:48

Tgt Ion:180 Resp: 67287

Ion Ratio Lower Upper

180 100

182 91.4 46.0 138.0

145 37.2 19.2 57.6

