

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031770.D
 Acq On : 09 Jul 2025 11:56
 Operator : SY/MD
 Sample : VW0709SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Quant Time: Jul 10 01:23:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	226723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	394001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	345377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	151031	46.418	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	92.840%
35) Dibromofluoromethane	7.904	113	125576	48.843	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.680%
50) Toluene-d8	10.331	98	475528	49.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.617	95	172645	49.033	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	28780	18.639	ug/l	98
3) Chloromethane	2.253	50	35406	19.020	ug/l	95
4) Vinyl Chloride	2.405	62	48018	19.625	ug/l	100
5) Bromomethane	2.826	94	36184	18.933	ug/l	93
6) Chloroethane	2.972	64	32124	19.328	ug/l	99
7) Trichlorofluoromethane	3.308	101	43174	19.430	ug/l	97
8) Diethyl Ether	3.722	74	31945	18.919	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	47855	19.403	ug/l	98
10) Methyl Iodide	4.314	142	73098	19.225	ug/l	99
11) Tert butyl alcohol	5.222	59	18474	91.647	ug/l	97
12) 1,1-Dichloroethene	4.076	96	50845	18.821	ug/l	97
13) Acrolein	3.936	56	29254	80.745	ug/l	100
14) Allyl chloride	4.704	41	82059	19.797	ug/l	97
15) Acrylonitrile	5.405	53	79326	95.536	ug/l	100
16) Acetone	4.167	43	81725	101.620	ug/l	97
17) Carbon Disulfide	4.417	76	136643	18.902	ug/l	100
18) Methyl Acetate	4.710	43	45199	19.665	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	92123	20.091	ug/l	98
20) Methylene Chloride	4.960	84	97362	28.117	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	57480	20.024	ug/l	98
22) Diisopropyl ether	6.344	45	162918	20.153	ug/l	99
23) Vinyl Acetate	6.283	43	538271	97.483	ug/l	99
24) 1,1-Dichloroethane	6.246	63	103690	19.784	ug/l	99
25) 2-Butanone	7.197	43	106236	101.538	ug/l	99
26) 2,2-Dichloropropane	7.191	77	60544	19.799	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	65952	19.987	ug/l	98
28) Bromochloromethane	7.526	49	46159	19.958	ug/l	98
29) Tetrahydrofuran	7.557	42	69479	96.968	ug/l	99
30) Chloroform	7.697	83	109788	19.714	ug/l	96
31) Cyclohexane	7.971	56	88597	19.124	ug/l	94
32) 1,1,1-Trichloroethane	7.892	97	84841	19.768	ug/l	99
36) 1,1-Dichloropropene	8.093	75	76874	20.663	ug/l	99
37) Ethyl Acetate	7.276	43	45575	19.419	ug/l	99
38) Carbon Tetrachloride	8.081	117	75894	20.019	ug/l	93
39) Methylcyclohexane	9.343	83	93092	20.111	ug/l	99
40) Benzene	8.337	78	228473	20.757	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	26555	21.122	ug/l	97
42) 1,2-Dichloroethane	8.416	62	75877	20.401	ug/l	100
43) Isopropyl Acetate	8.435	43	79836	19.734	ug/l	97
44) Trichloroethene	9.105	130	56819	20.682	ug/l	96
45) 1,2-Dichloropropane	9.374	63	53934	20.274	ug/l	99
46) Dibromomethane	9.465	93	35611	20.734	ug/l	96
47) Bromodichloromethane	9.654	83	80464	19.979	ug/l	97
48) Methyl methacrylate	9.441	41	38379	19.293	ug/l	96
49) 1,4-Dioxane	9.471	88	6303	313.341	ug/l #	82
51) 4-Methyl-2-Pentanone	10.215	43	234832	100.967	ug/l	100
52) Toluene	10.392	92	145186	20.601	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	75014	19.851	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	86499	20.192	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	46054	20.470	ug/l	95
56) Ethyl methacrylate	10.648	69	60627	19.863	ug/l	99
57) 1,3-Dichloropropane	10.934	76	79273	20.069	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	169076	100.599	ug/l	100
59) 2-Hexanone	10.971	43	166903	105.898	ug/l	98
60) Dibromochloromethane	11.129	129	55284	20.549	ug/l	100
61) 1,2-Dibromoethane	11.239	107	45281	20.105	ug/l	99
64) Tetrachloroethene	10.867	164	46946	20.780	ug/l	92
65) Chlorobenzene	11.660	112	162916	21.379	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	52169	21.484	ug/l	97
67) Ethyl Benzene	11.733	91	282587	21.386	ug/l	97
68) m/p-Xylenes	11.843	106	212182	41.772	ug/l	100
69) o-Xylene	12.166	106	97609	20.754	ug/l	100
70) Styrene	12.178	104	171352	21.075	ug/l	98
71) Bromoform	12.349	173	29070	20.067	ug/l	100
73) Isopropylbenzene	12.464	105	262365	20.191	ug/l	100
74) N-amyl acetate	12.269	43	68029	19.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	58061	20.126	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	74241	33.630	ug/l	41
77) Bromobenzene	12.745	156	61744	21.304	ug/l	85
78) n-propylbenzene	12.800	91	315462	20.273	ug/l	98
79) 2-Chlorotoluene	12.891	91	191318	20.418	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	219286	20.387	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	17382	18.339	ug/l	94
82) 4-Chlorotoluene	12.989	91	204443	20.782	ug/l	100
83) tert-Butylbenzene	13.202	119	190432	20.669	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	222940	20.457	ug/l	98
85) sec-Butylbenzene	13.379	105	279281	20.195	ug/l	100
86) p-Isopropyltoluene	13.495	119	232797	20.426	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	121479	20.901	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	118890	19.985	ug/l	94
89) n-Butylbenzene	13.818	91	218788	19.758	ug/l	99
90) Hexachloroethane	14.086	117	39970	19.439	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	107674	20.269	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	10835	19.235	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	65756	20.071	ug/l	98
94) Hexachlorobutadiene	15.226	225	32670	20.651	ug/l	88
95) Naphthalene	15.360	128	156209	19.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	61154	20.315	ug/l	97

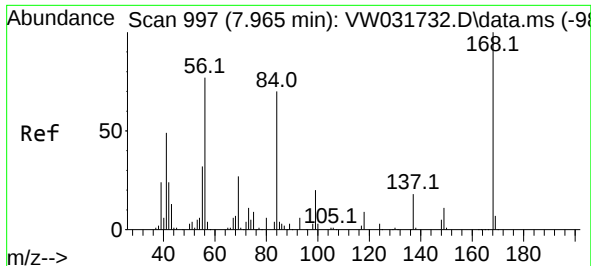
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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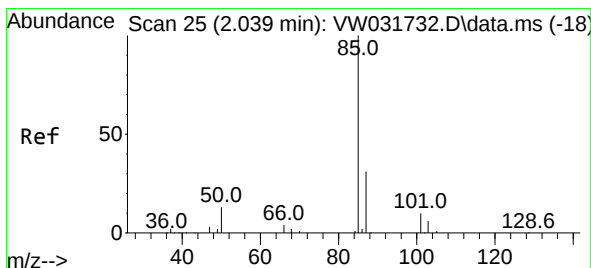
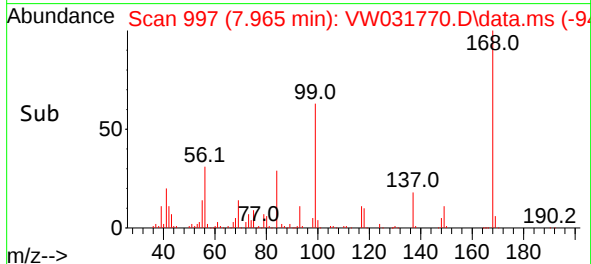
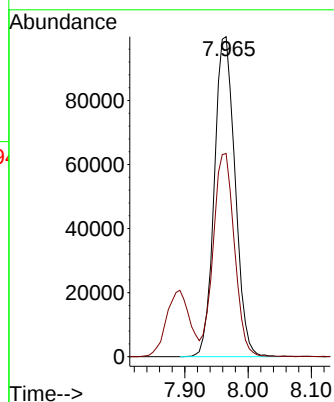
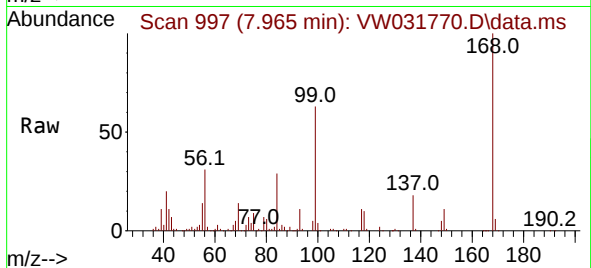
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

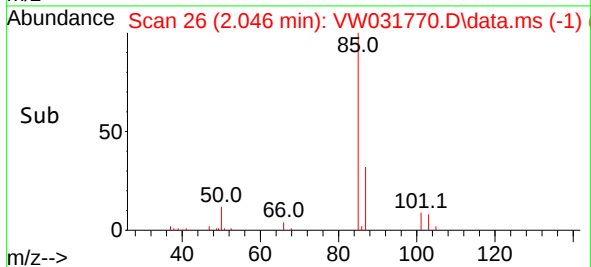
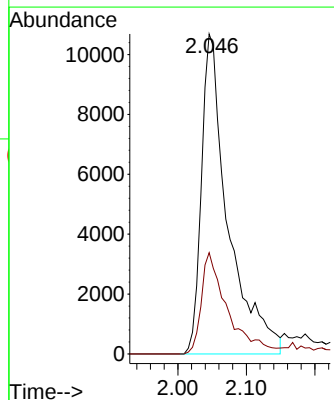
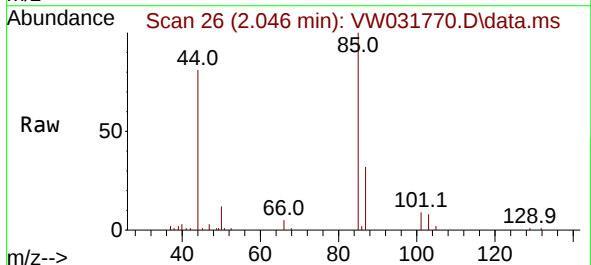
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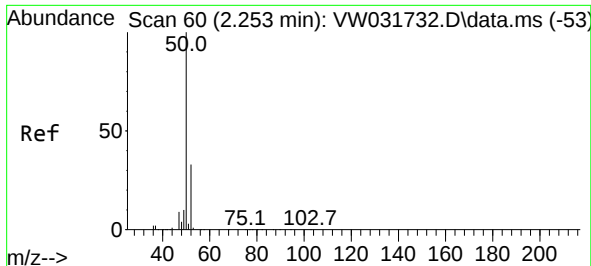
Tgt Ion:168 Resp: 226723
Ion Ratio Lower Upper
168 100
99 63.4 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 18.639 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 85 Resp: 28780
Ion Ratio Lower Upper
85 100
87 31.6 15.4 46.2

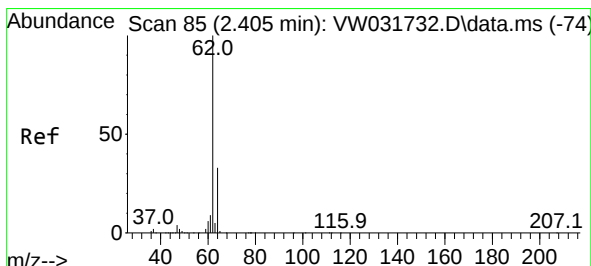
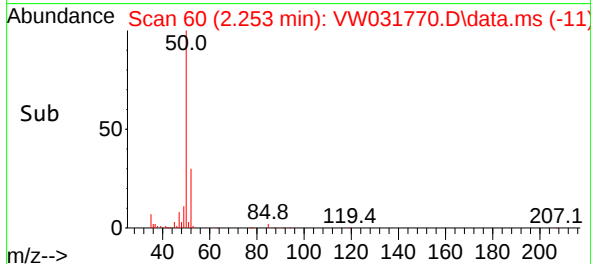
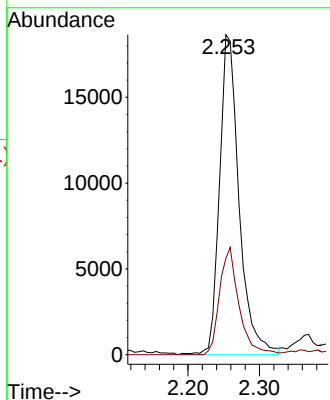
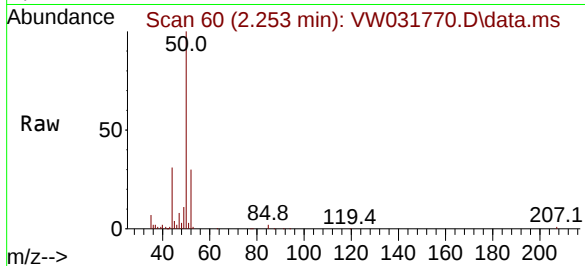




#3
Chloromethane
Concen: 19.020 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

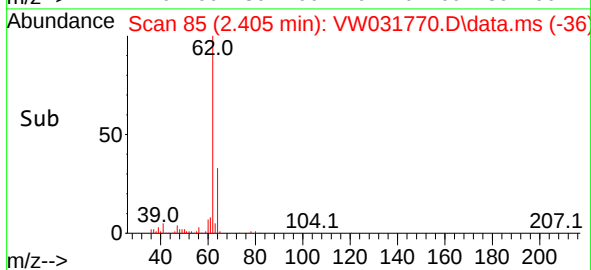
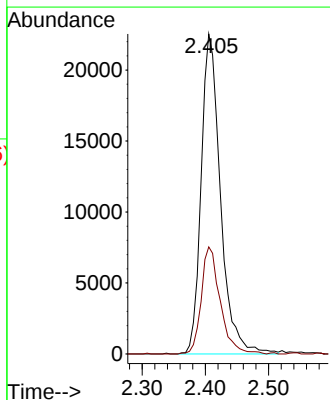
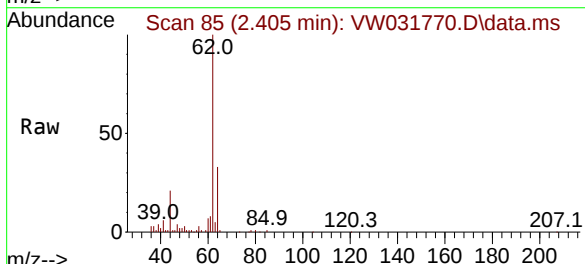
Instrument :
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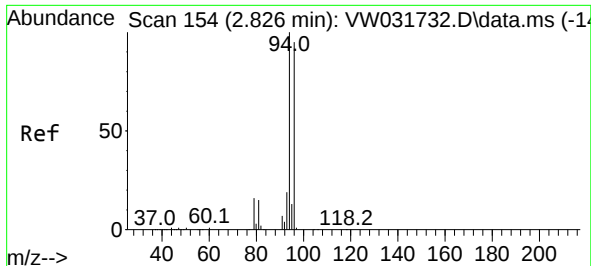
Tgt Ion: 50 Resp: 35406
Ion Ratio Lower Upper
50 100
52 30.1 26.2 39.2



#4
Vinyl Chloride
Concen: 19.625 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 62 Resp: 48018
Ion Ratio Lower Upper
62 100
64 33.4 26.8 40.2

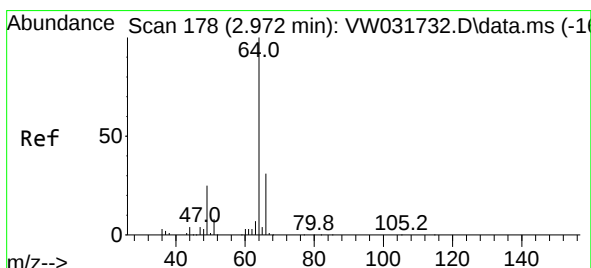
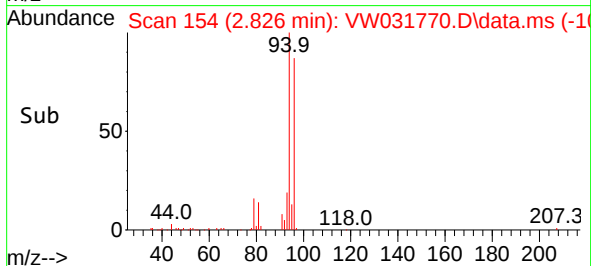
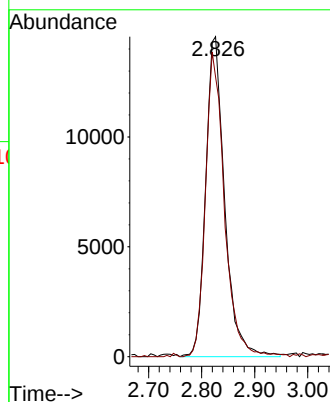
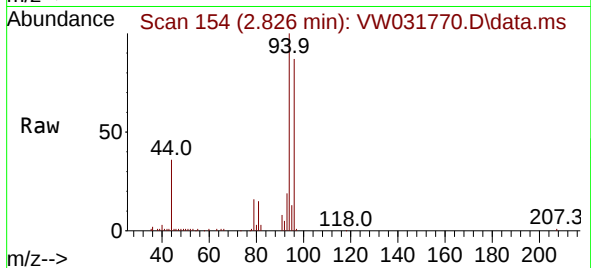




#5
Bromomethane
Concen: 18.933 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

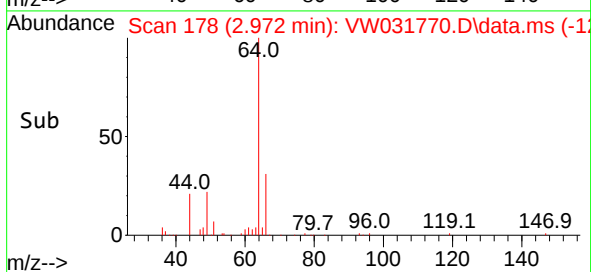
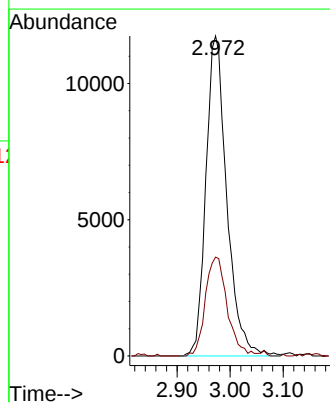
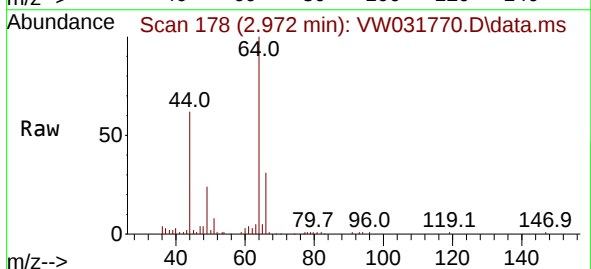
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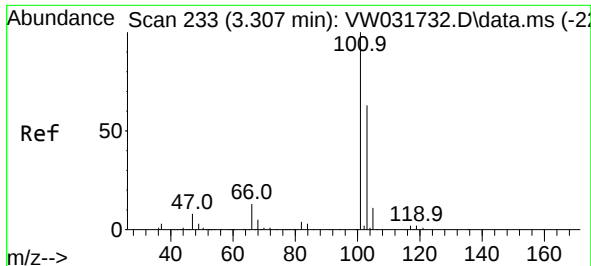
Tgt Ion: 94 Resp: 36184
Ion Ratio Lower Upper
94 100
96 87.5 75.6 113.4



#6
Chloroethane
Concen: 19.328 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 64 Resp: 32124
Ion Ratio Lower Upper
64 100
66 30.9 24.5 36.7

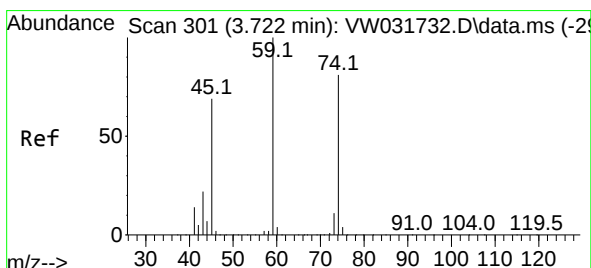
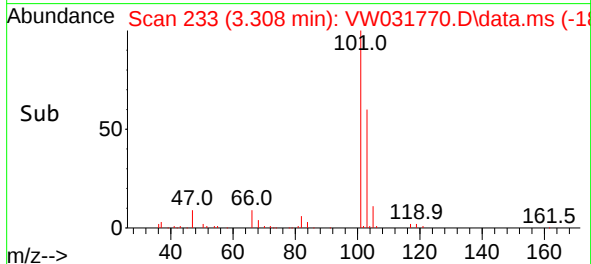
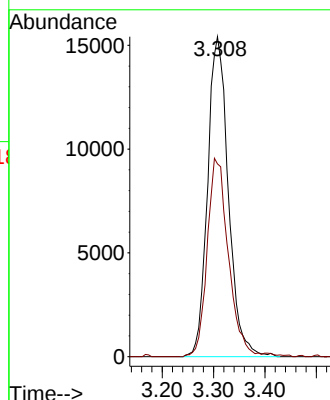
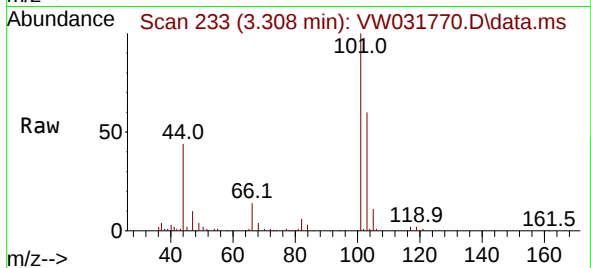




#7
 Trichlorofluoromethane
 Concen: 19.430 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031770.D
 Acq: 09 Jul 2025 11:56

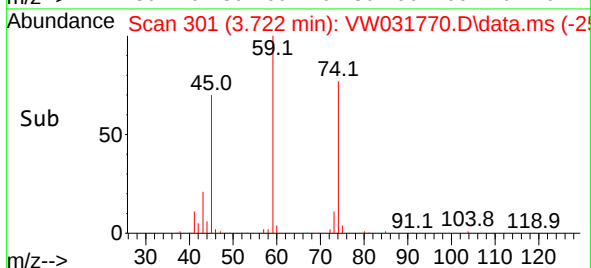
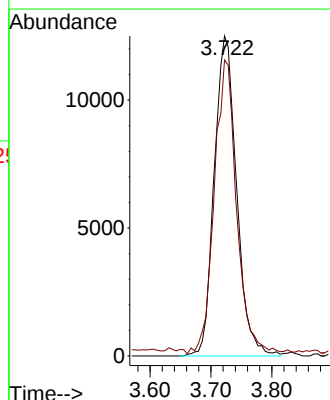
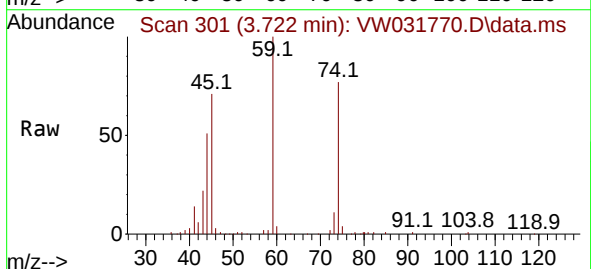
Instrument :
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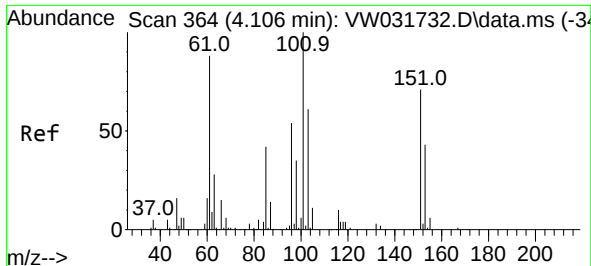
Tgt Ion:101 Resp: 43174
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.2 75.4



#8
 Diethyl Ether
 Concen: 18.919 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031770.D
 Acq: 09 Jul 2025 11:56

Tgt Ion: 74 Resp: 31945
 Ion Ratio Lower Upper
 74 100
 45 91.3 43.9 131.7

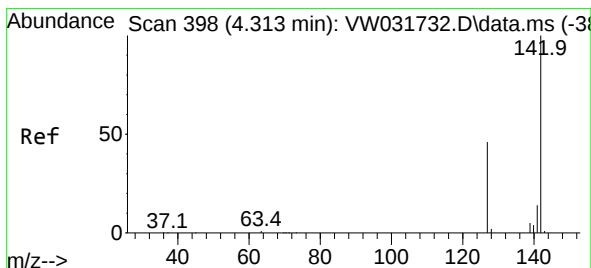
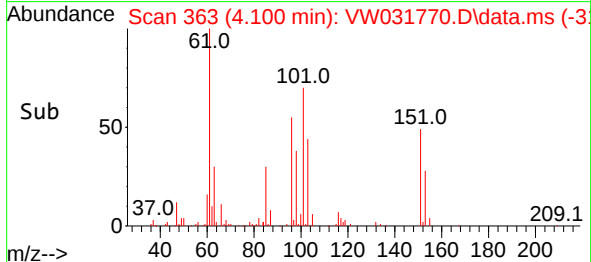
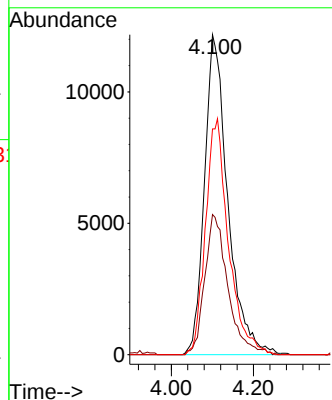
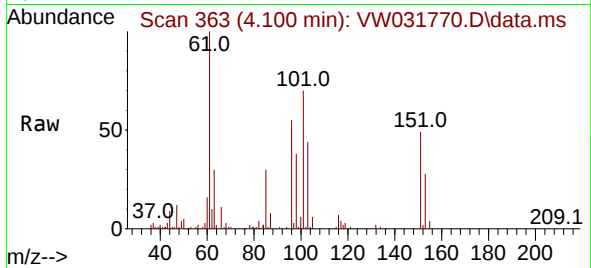




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.403 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
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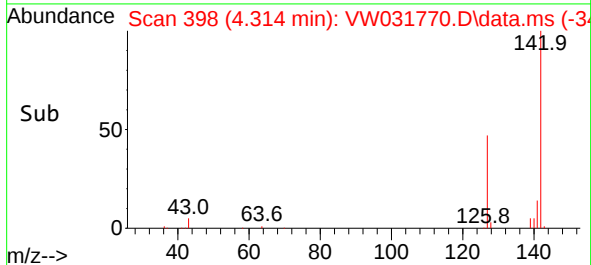
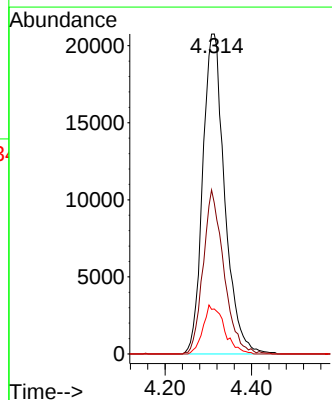
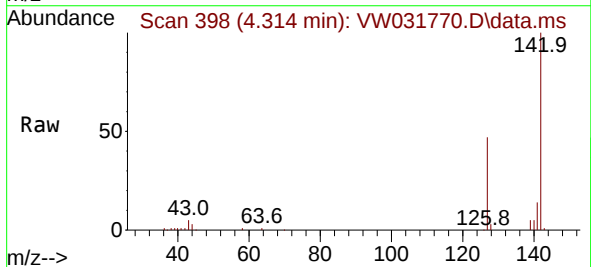
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

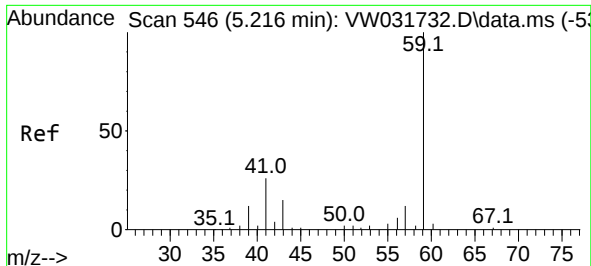
Tgt Ion:101 Resp: 47855
Ion Ratio Lower Upper
101 100
85 43.7 35.6 53.4
151 72.9 56.8 85.2



#10
Methyl Iodide
Concen: 19.225 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion:142 Resp: 73098
Ion Ratio Lower Upper
142 100
127 48.5 37.9 56.9
141 14.8 11.7 17.5

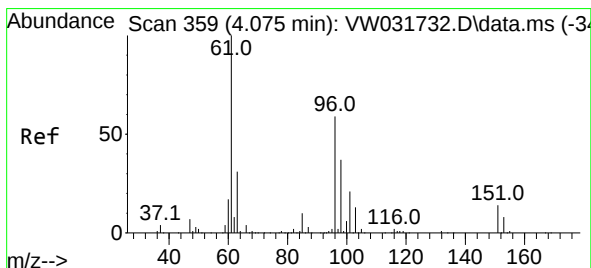
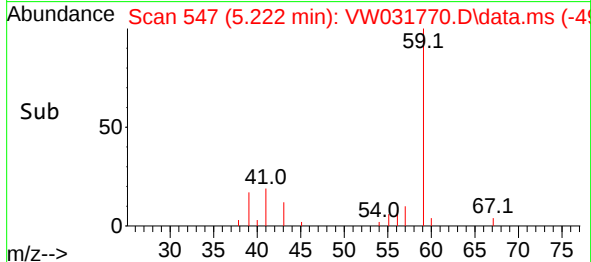
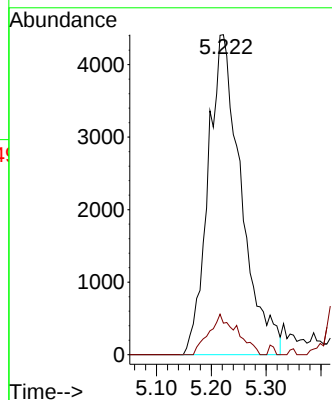
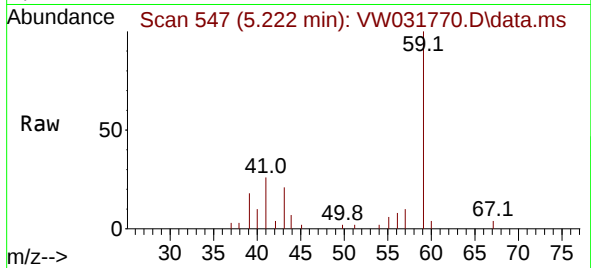




#11
Tert butyl alcohol
Concen: 91.647 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

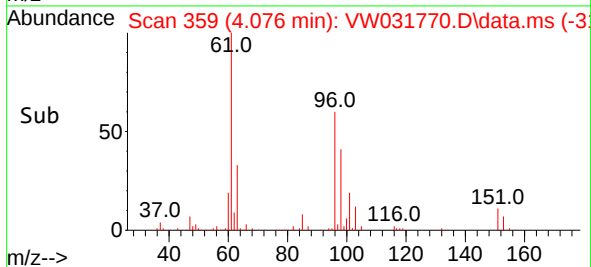
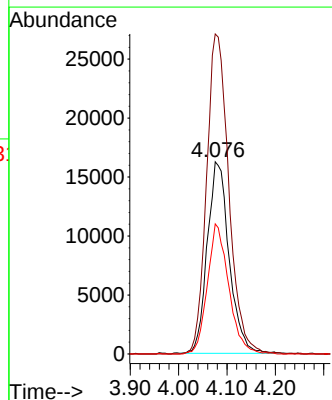
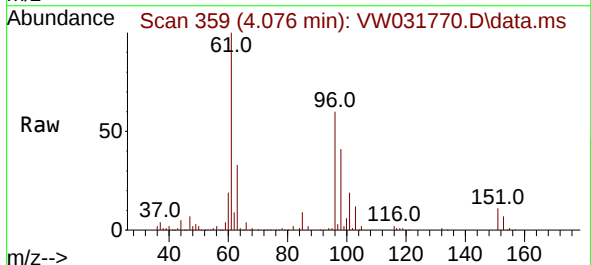
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

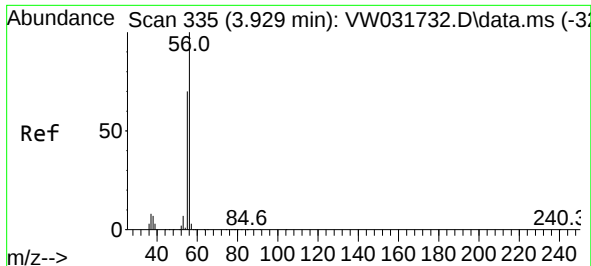
Tgt Ion: 59 Resp: 18474
Ion Ratio Lower Upper
59 100
57 10.8 9.5 14.3



#12
1,1-Dichloroethene
Concen: 18.821 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 96 Resp: 50845
Ion Ratio Lower Upper
96 100
61 167.2 135.8 203.8
98 68.0 50.4 75.6

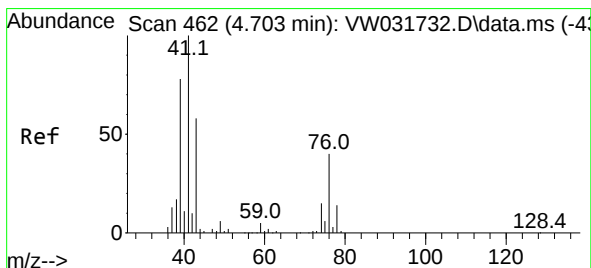
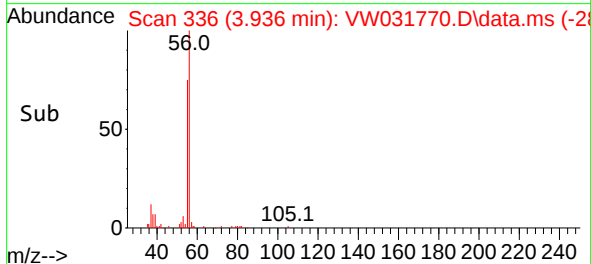
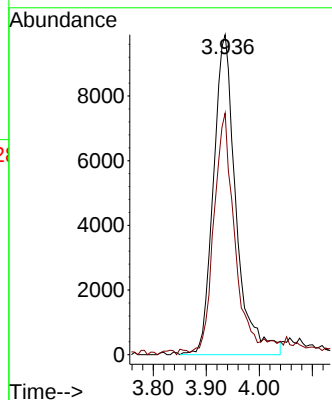
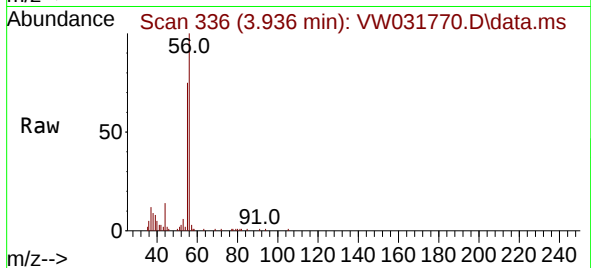




#13
Acrolein
Concen: 80.745 ug/l
RT: 3.936 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

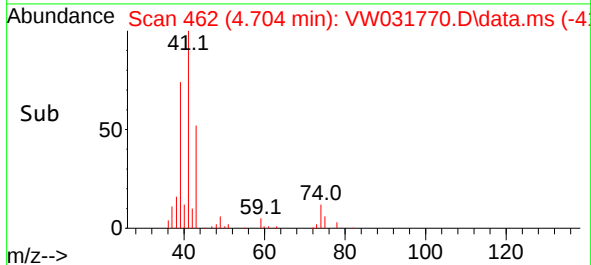
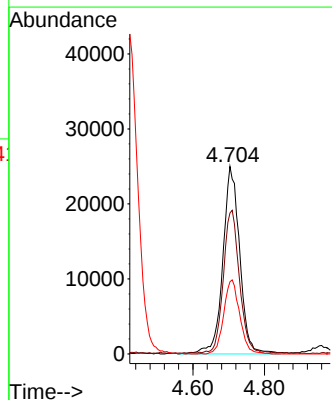
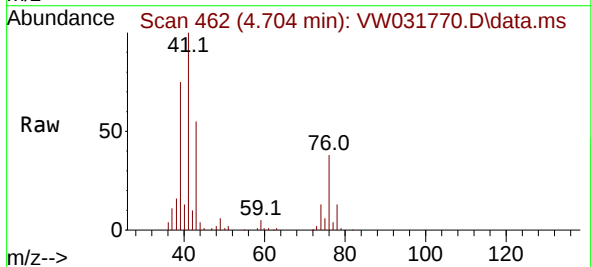
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

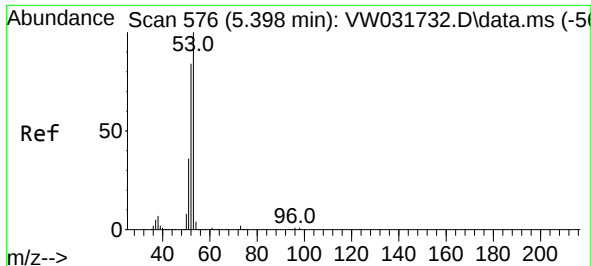
Tgt Ion: 56 Resp: 29254
Ion Ratio Lower Upper
56 100
55 67.3 54.0 81.0



#14
Allyl chloride
Concen: 19.797 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 41 Resp: 82059
Ion Ratio Lower Upper
41 100
39 71.9 60.7 91.1
76 37.3 30.3 45.5

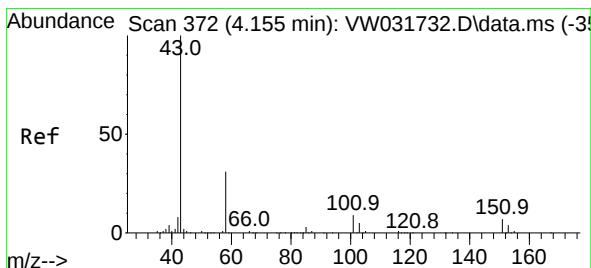
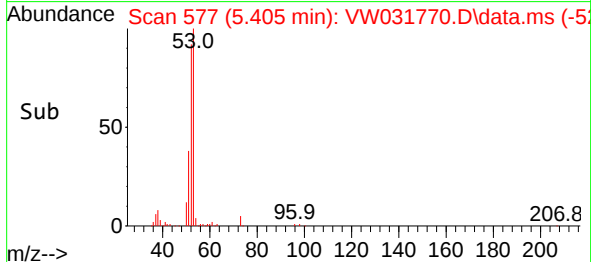
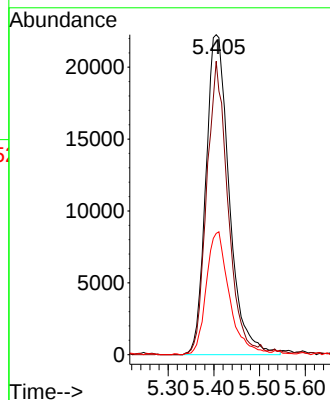
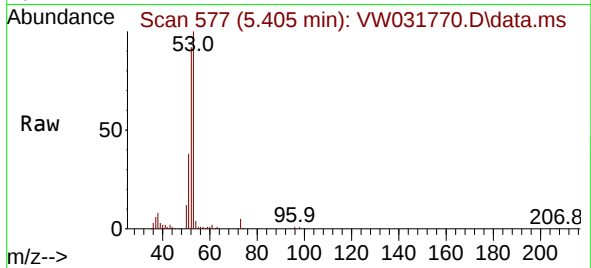




#15
Acrylonitrile
Concen: 95.536 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

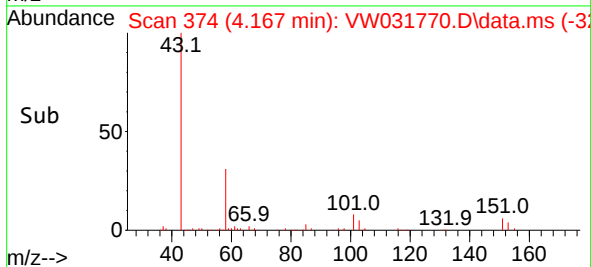
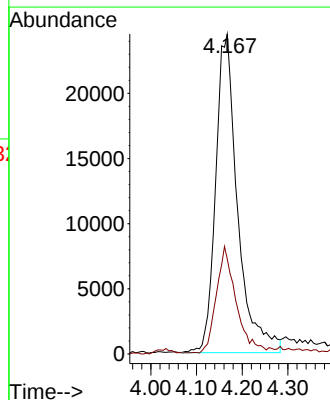
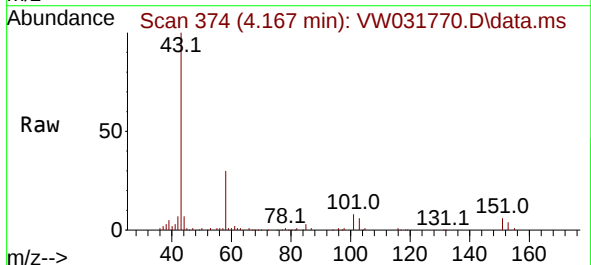
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

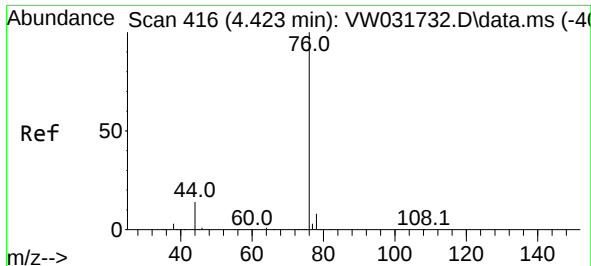
Tgt Ion: 53 Resp: 79326
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 37.9 29.9 44.9



#16
Acetone
Concen: 101.620 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 43 Resp: 81725
Ion Ratio Lower Upper
43 100
58 29.3 24.8 37.2

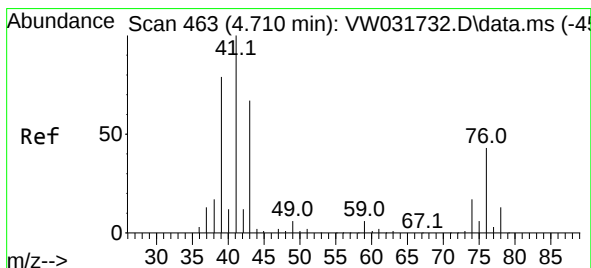
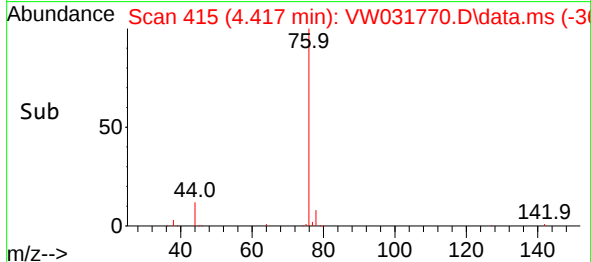
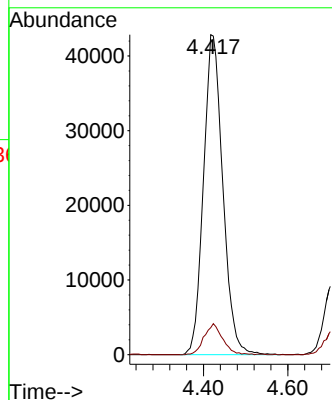
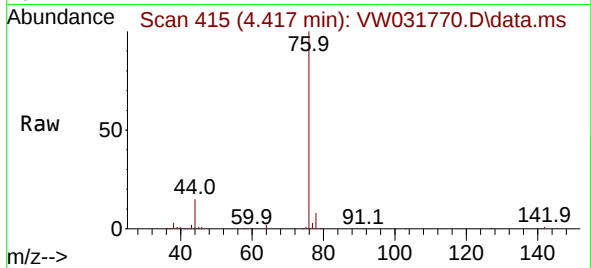




#17
Carbon Disulfide
Concen: 18.902 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

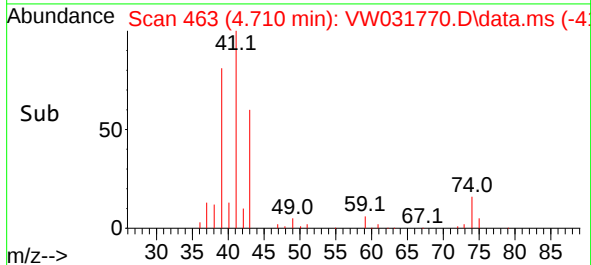
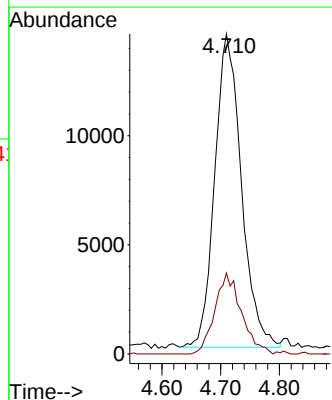
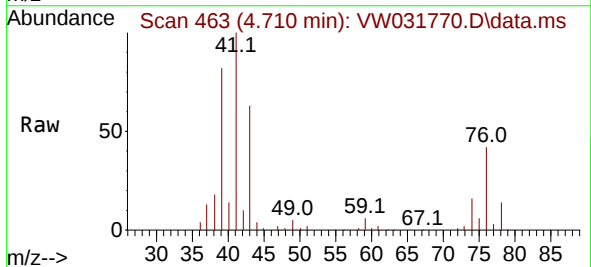
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

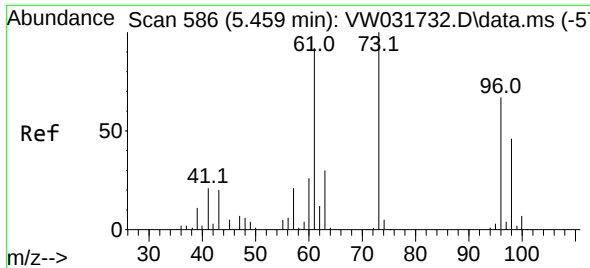
Tgt Ion: 76 Resp: 136643
Ion Ratio Lower Upper
76 100
78 8.4 6.6 10.0



#18
Methyl Acetate
Concen: 19.665 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 43 Resp: 45199
Ion Ratio Lower Upper
43 100
74 25.6 20.6 30.8

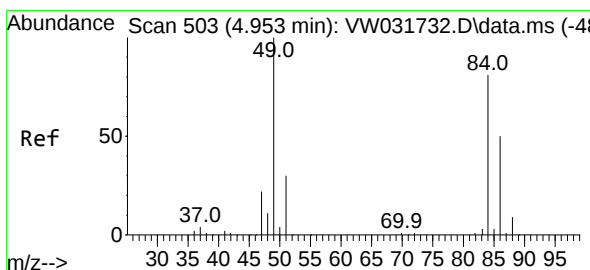
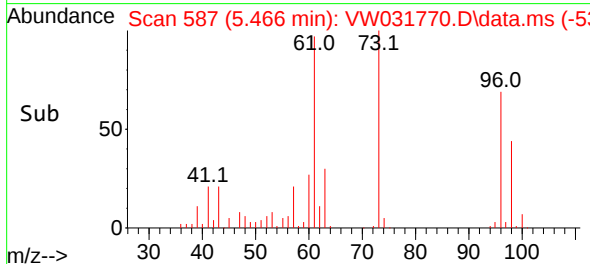
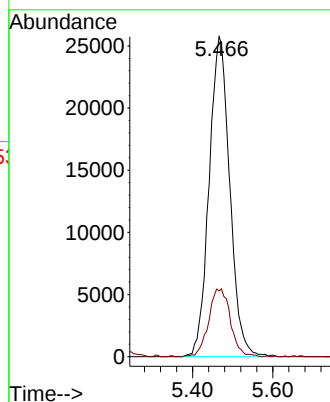
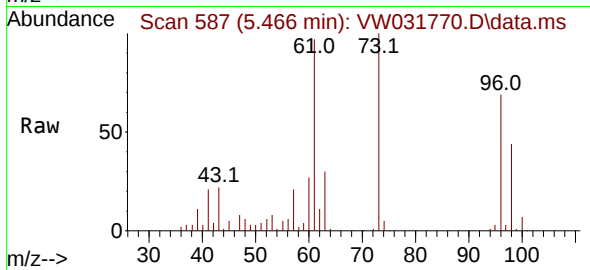




#19
Methyl tert-butyl Ether
Concen: 20.091 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

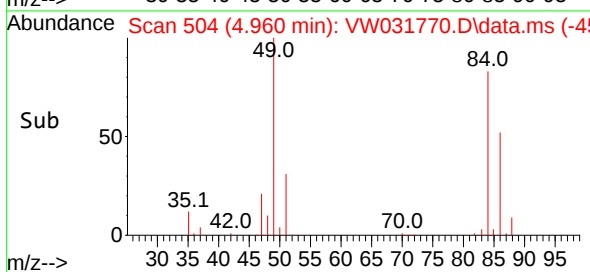
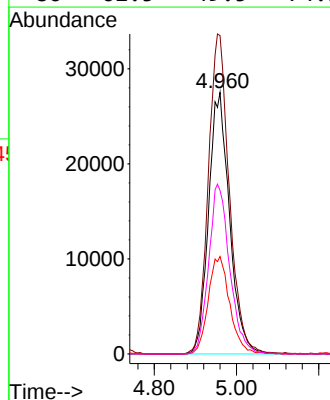
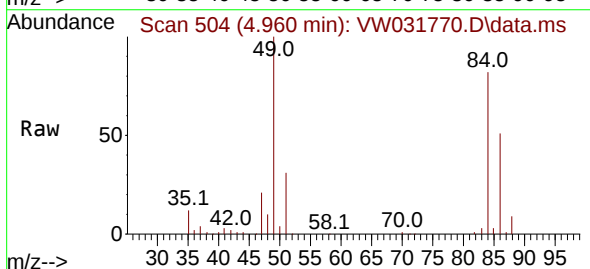
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

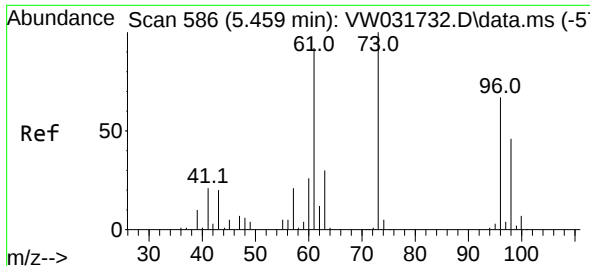
Tgt Ion: 73 Resp: 92123
Ion Ratio Lower Upper
73 100
57 20.6 17.2 25.8



#20
Methylene Chloride
Concen: 28.117 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 84 Resp: 97362
Ion Ratio Lower Upper
84 100
49 121.7 98.2 147.4
51 37.2 29.8 44.8
86 62.5 49.5 74.3

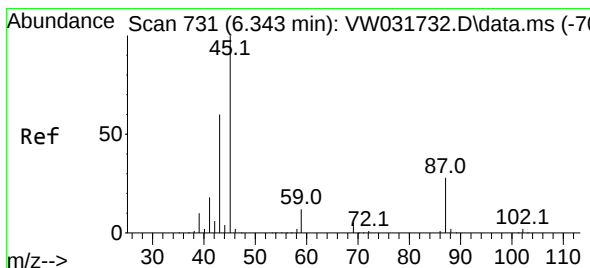
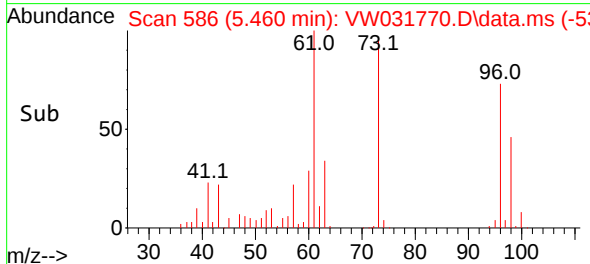
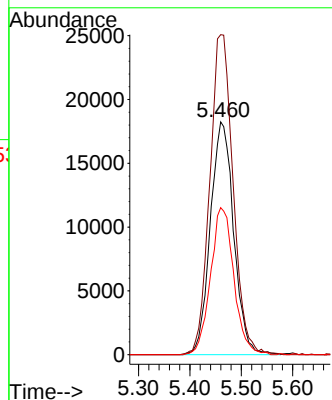
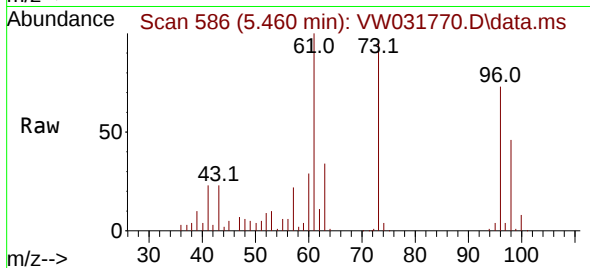




#21
trans-1,2-Dichloroethene
Concen: 20.024 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

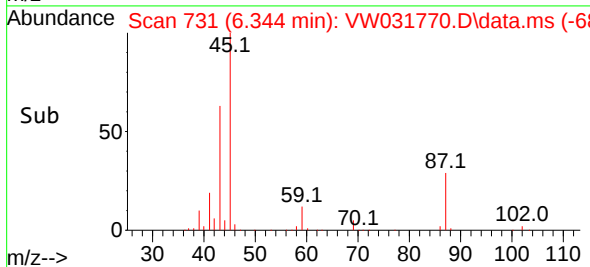
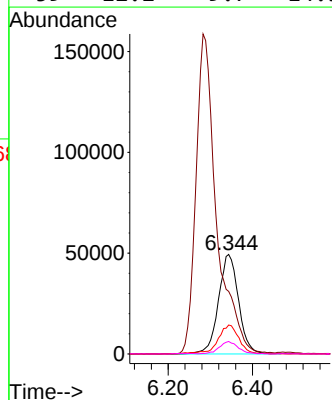
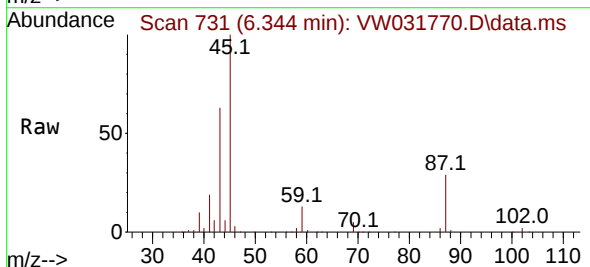
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tgt Ion: 96 Resp: 57480
Ion Ratio Lower Upper
96 100
61 137.5 109.8 164.6
98 63.2 54.9 82.3



#22
Diisopropyl ether
Concen: 20.153 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 45 Resp: 162918
Ion Ratio Lower Upper
45 100
43 61.8 48.3 72.5
87 29.0 22.6 34.0
59 12.2 9.7 14.5

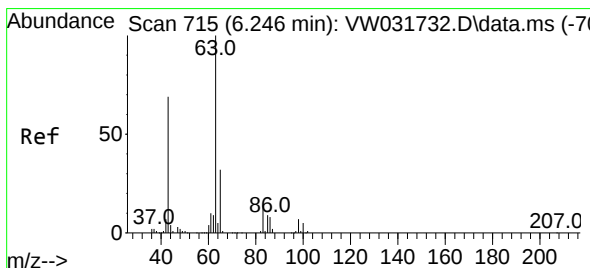
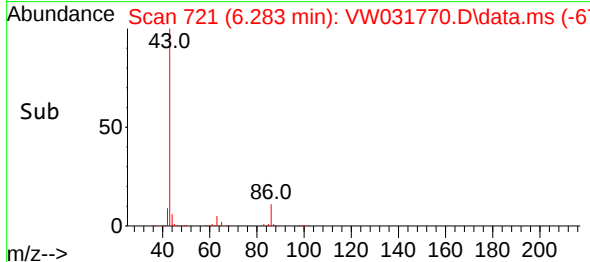
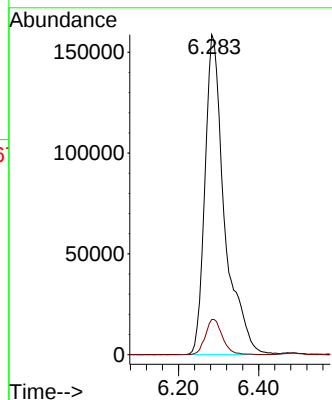
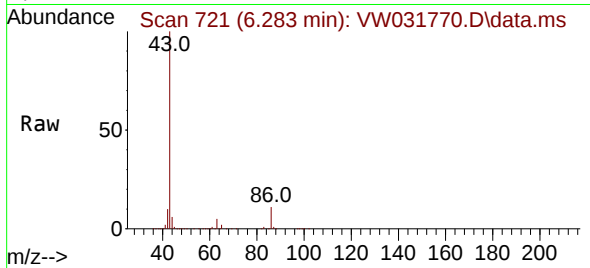




#23
 Vinyl Acetate
 Concen: 97.483 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031770.D
 Acq: 09 Jul 2025 11:56

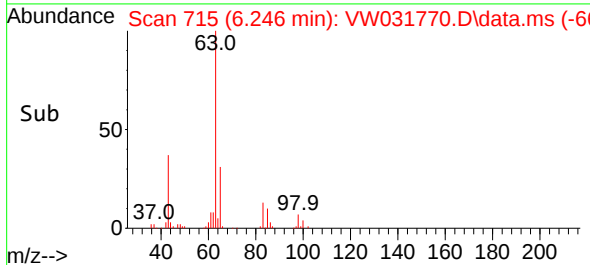
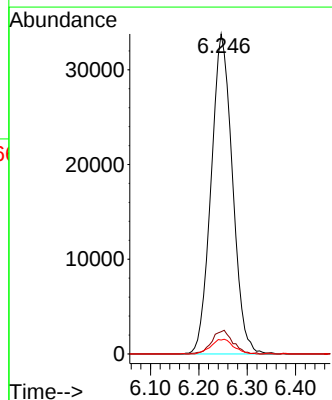
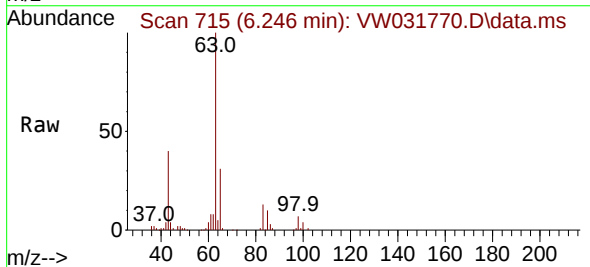
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

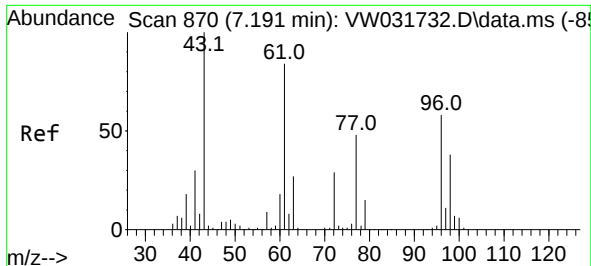
Tgt Ion: 43 Resp: 538271
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 19.784 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031770.D
 Acq: 09 Jul 2025 11:56

Tgt Ion: 63 Resp: 103690
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.3 2.5 7.5





#25

2-Butanone

Concen: 101.538 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

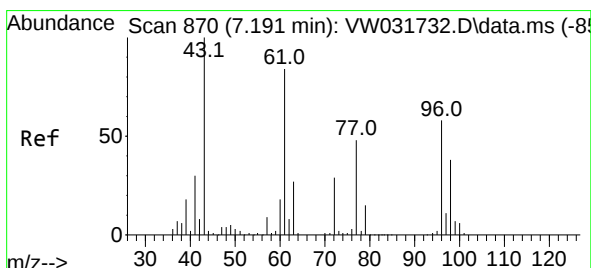
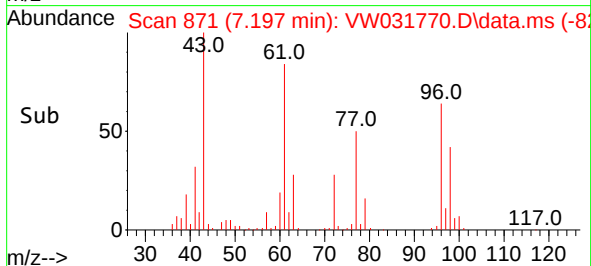
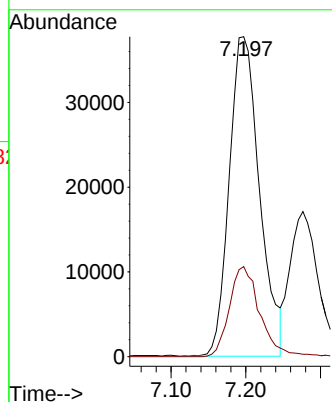
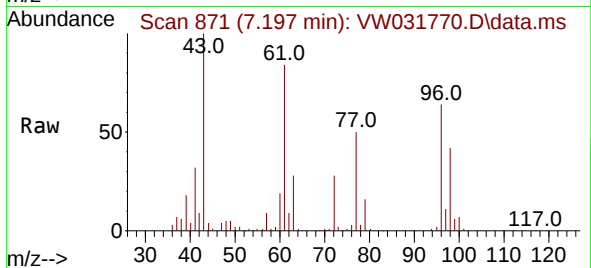
VW0709SBSD01

Tgt Ion: 43 Resp: 106236

Ion Ratio Lower Upper

43 100

72 28.2 23.0 34.6



#26

2,2-Dichloropropane

Concen: 19.799 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031770.D

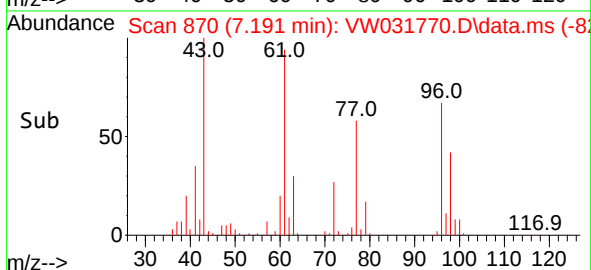
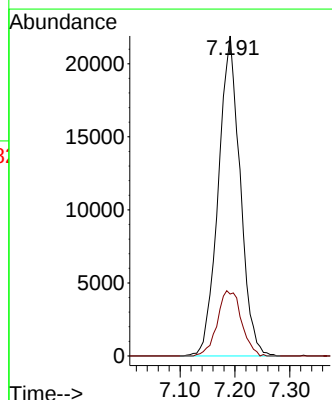
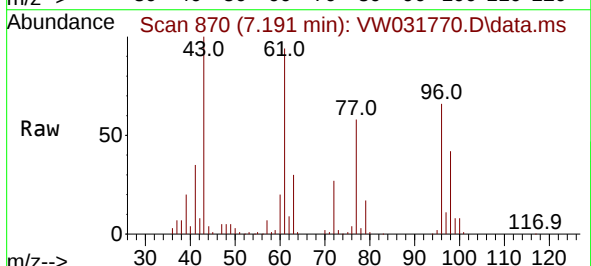
Acq: 09 Jul 2025 11:56

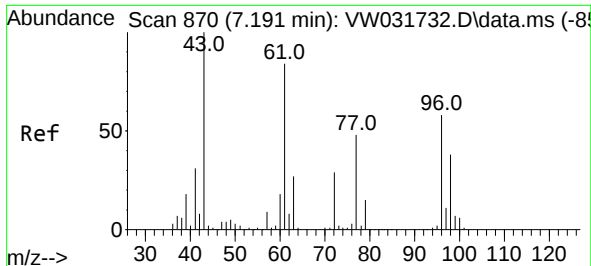
Tgt Ion: 77 Resp: 60544

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 19.987 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

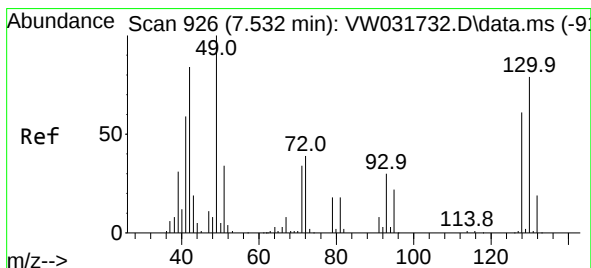
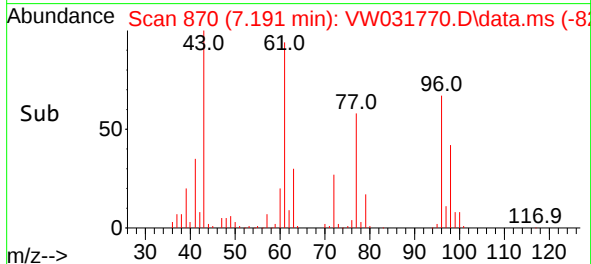
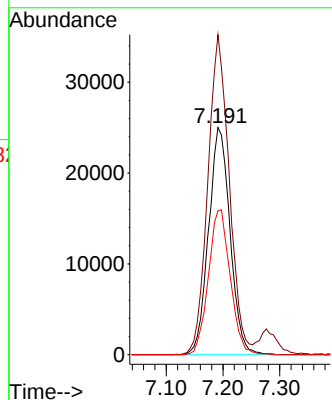
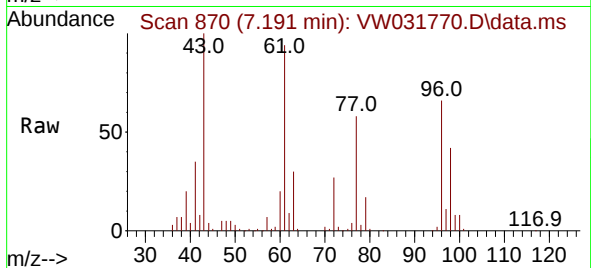
Tgt Ion: 96 Resp: 65952

Ion Ratio Lower Upper

96 100

61 140.3 0.0 286.8

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 19.958 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

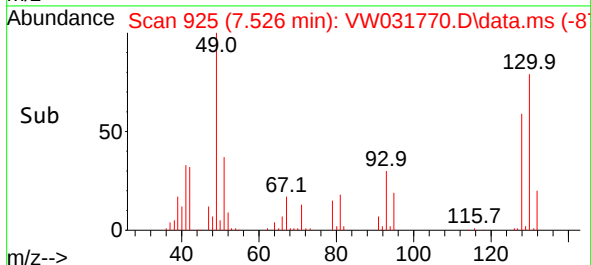
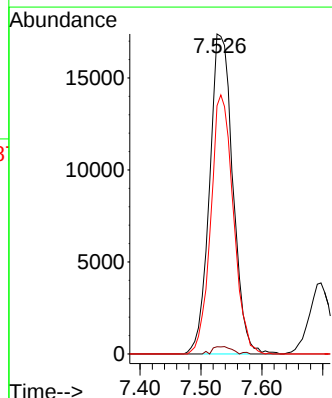
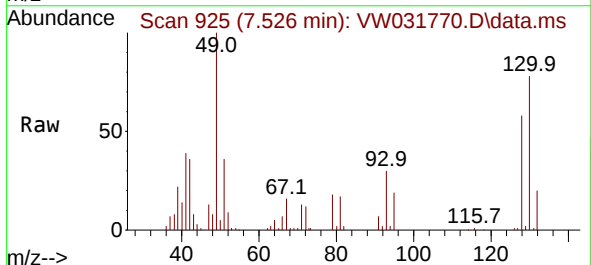
Tgt Ion: 49 Resp: 46159

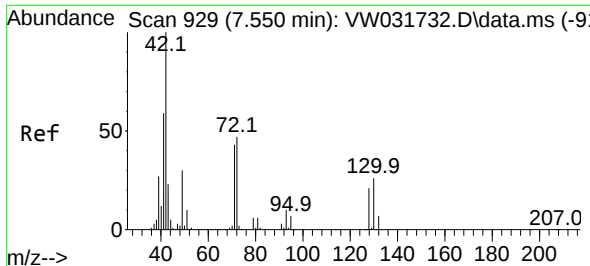
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.4

130 78.4 61.3 91.9





#29

Tetrahydrofuran

Concen: 96.968 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

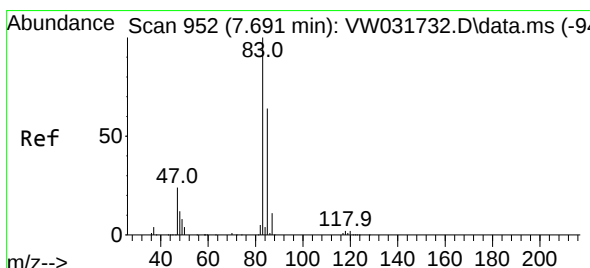
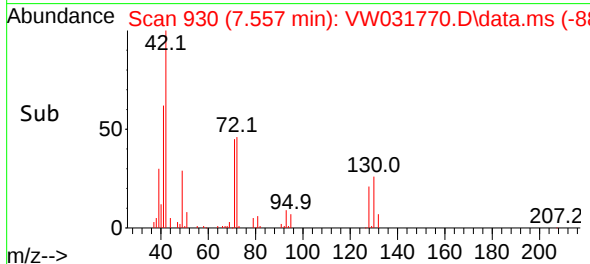
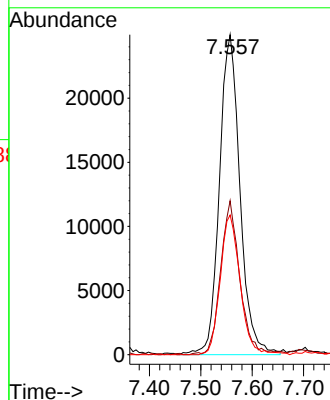
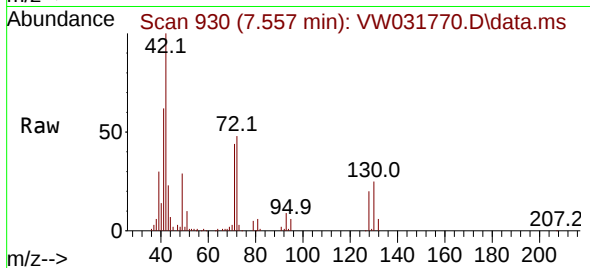
Tgt Ion: 42 Resp: 69479

Ion Ratio Lower Upper

42 100

72 45.3 36.8 55.2

71 42.2 34.6 52.0



#30

Chloroform

Concen: 19.714 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031770.D

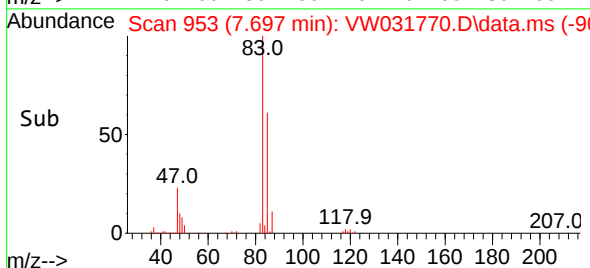
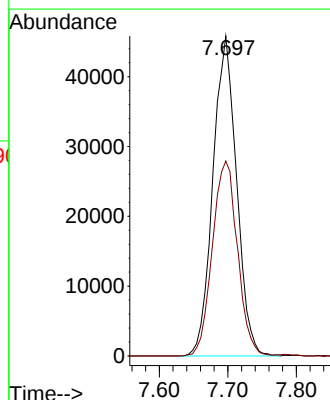
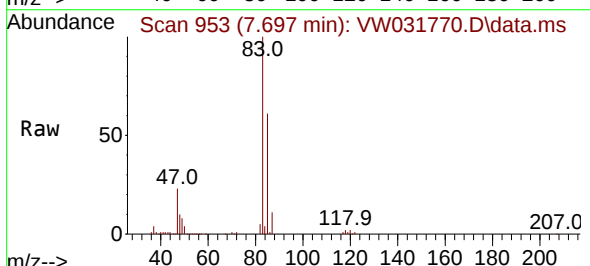
Acq: 09 Jul 2025 11:56

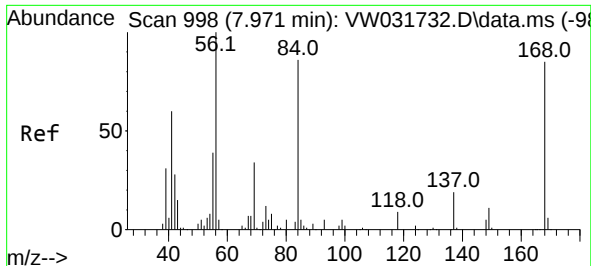
Tgt Ion: 83 Resp: 109788

Ion Ratio Lower Upper

83 100

85 60.9 51.4 77.0

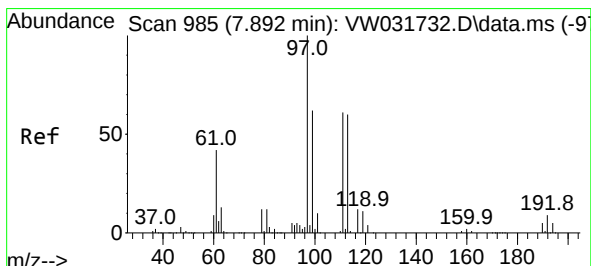
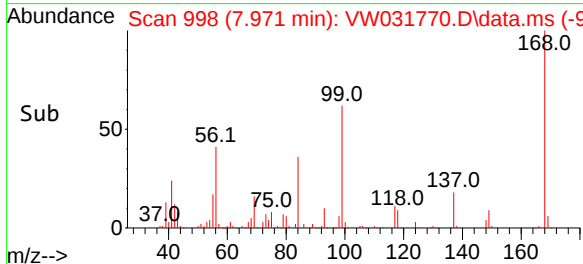
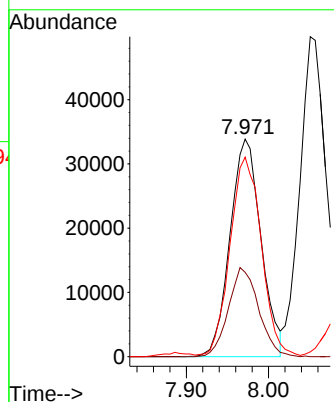
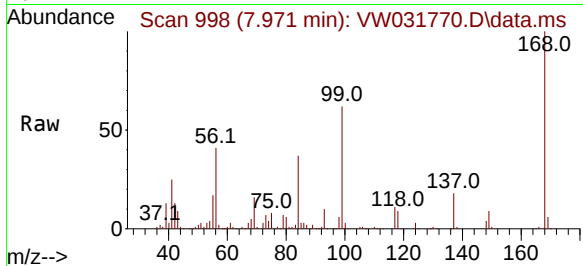




#31
Cyclohexane
Concen: 19.124 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

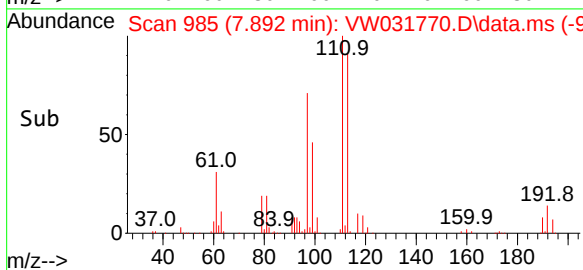
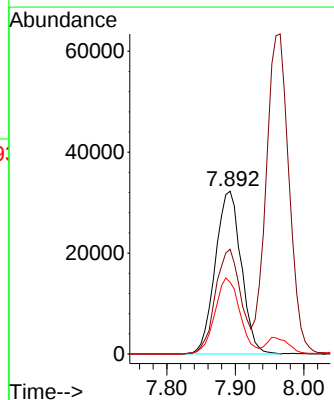
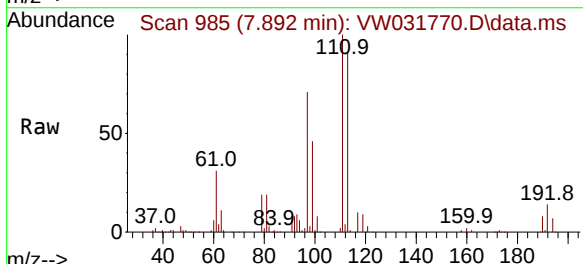
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

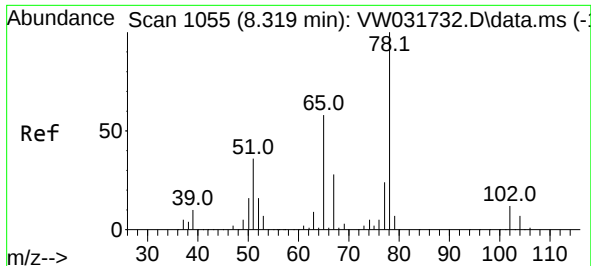
Tgt Ion: 56 Resp: 88597
Ion Ratio Lower Upper
56 100
69 38.8 27.2 40.8
84 90.3 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 19.768 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 97 Resp: 84841
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.6
61 45.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 46.418 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

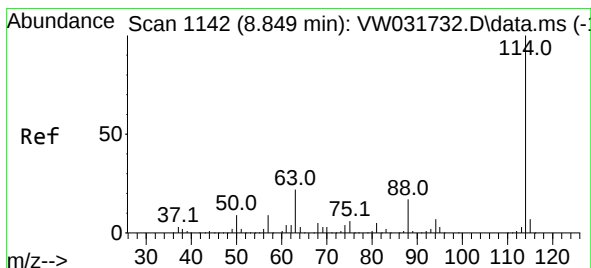
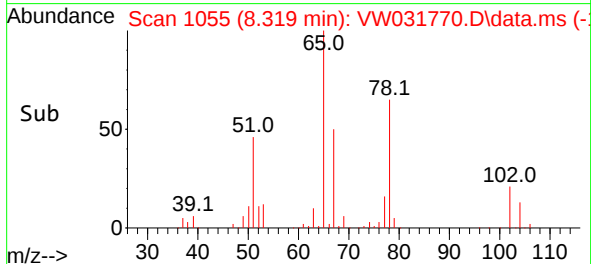
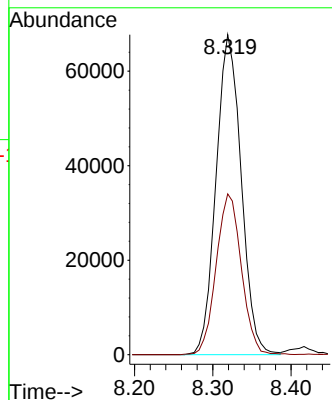
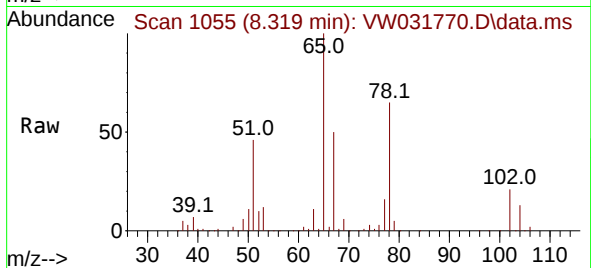
VW0709SBS01

Tgt Ion: 65 Resp: 151031

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

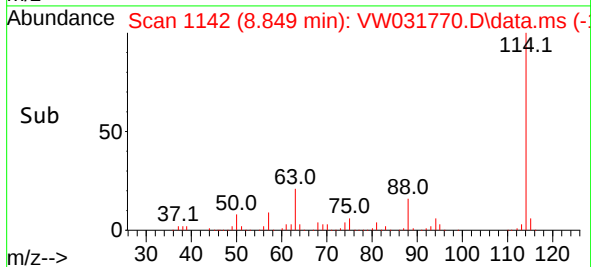
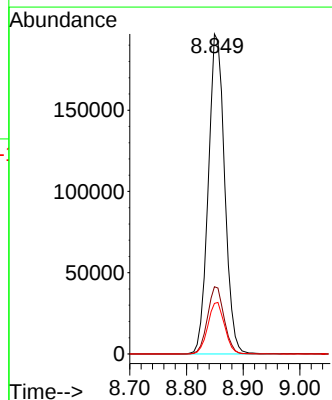
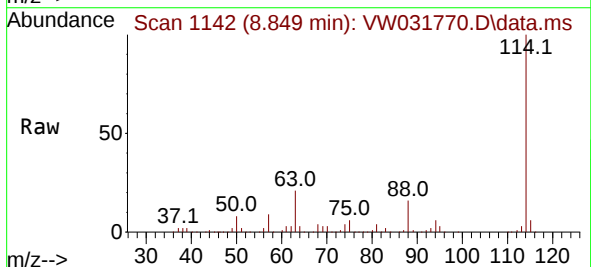
Tgt Ion: 114 Resp: 394001

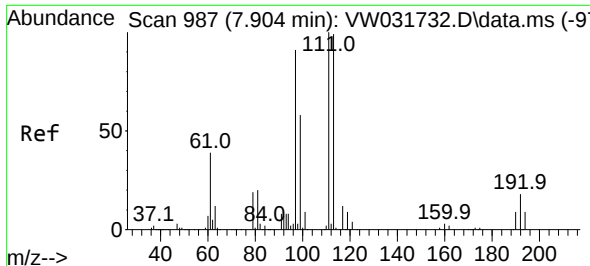
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.6

88 15.8 0.0 34.2

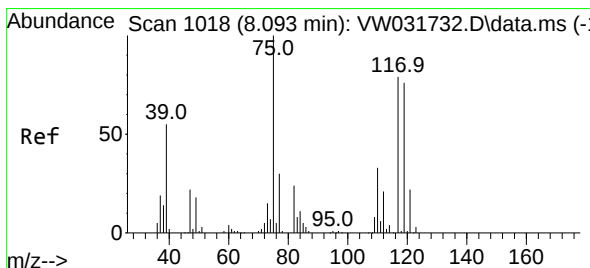
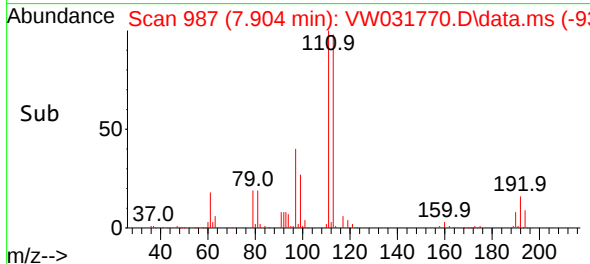
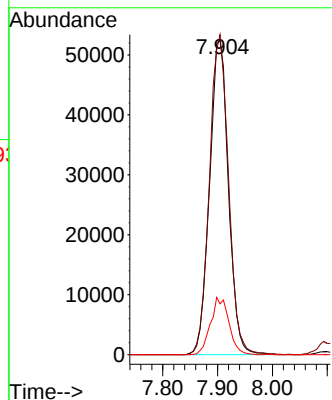
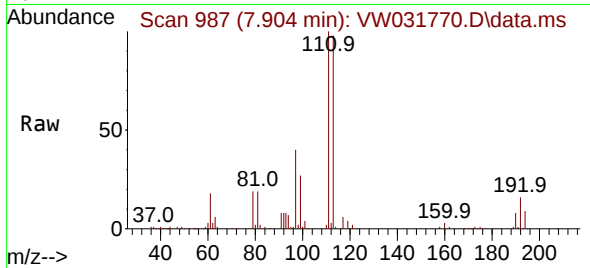




#35
 Dibromofluoromethane
 Concen: 48.843 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031770.D
 Acq: 09 Jul 2025 11:56

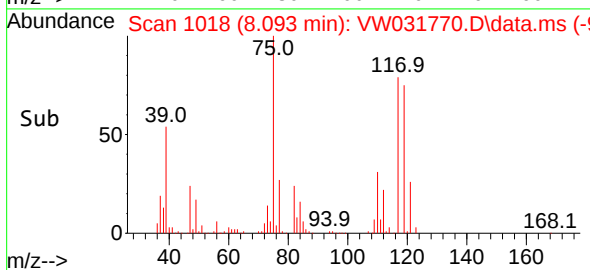
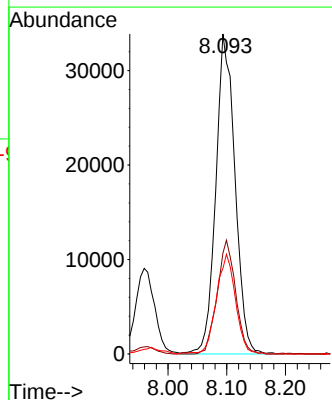
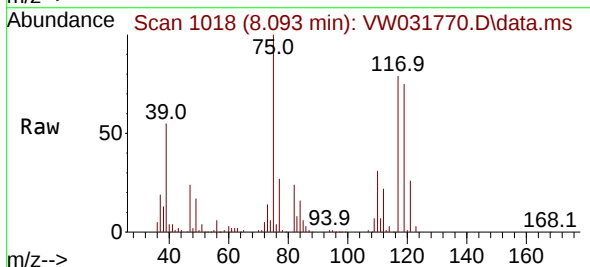
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

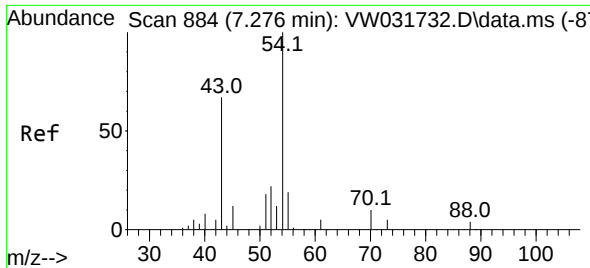
Tgt Ion:113 Resp: 125576
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.1 123.1
 192 17.8 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 20.663 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031770.D
 Acq: 09 Jul 2025 11:56

Tgt Ion: 75 Resp: 76874
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.8 50.4
 77 31.3 25.0 37.6

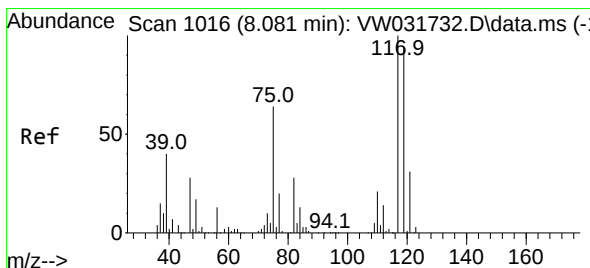
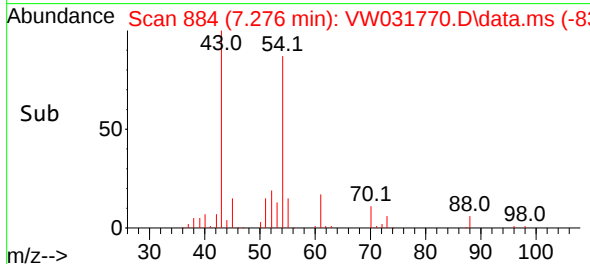
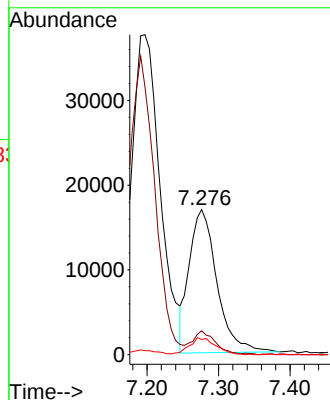
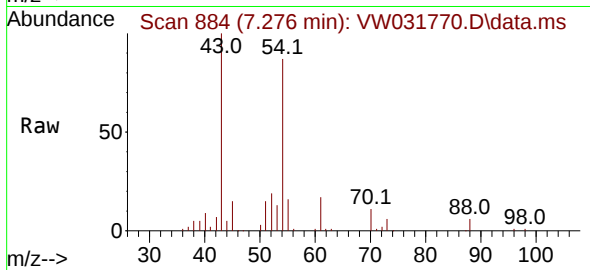




#37
Ethyl Acetate
Concen: 19.419 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

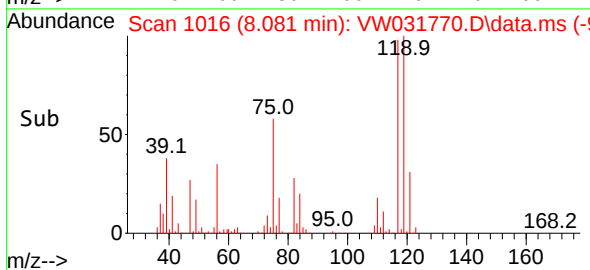
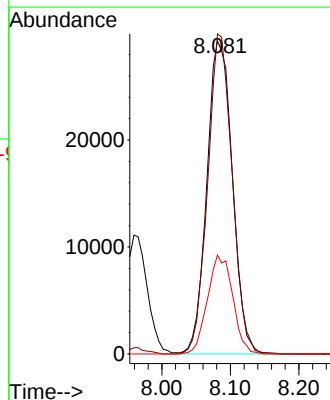
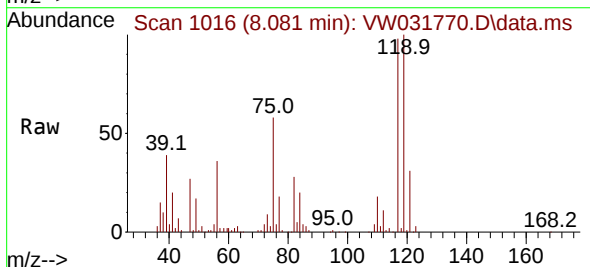
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

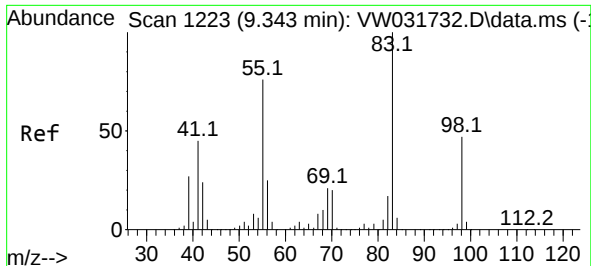
Tgt Ion:	43	Resp:	45575
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	11.2	9.2	13.8



#38
Carbon Tetrachloride
Concen: 20.019 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion:	117	Resp:	75894
Ion	Ratio	Lower	Upper
117	100		
119	102.2	75.0	112.6
121	31.6	24.6	37.0

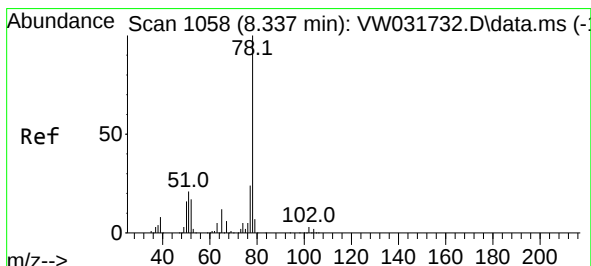
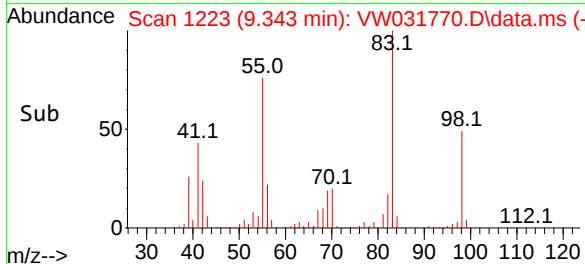
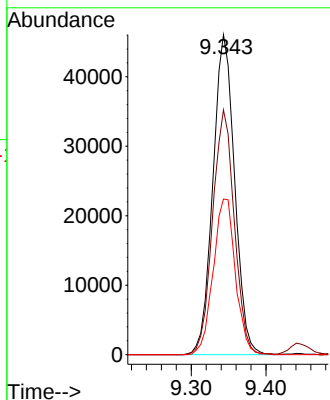
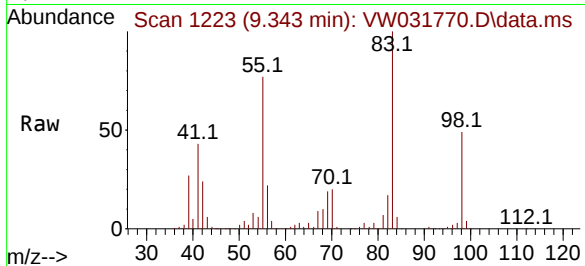




#39
Methylcyclohexane
Concen: 20.111 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

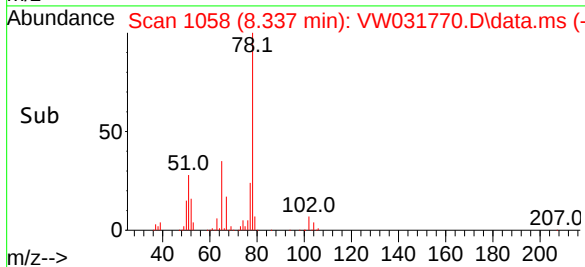
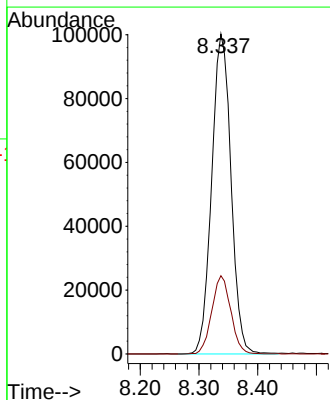
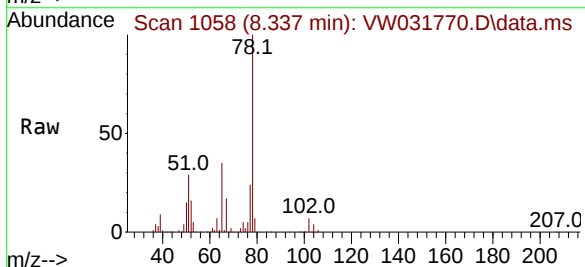
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tgt Ion: 83 Resp: 93092
Ion Ratio Lower Upper
83 100
55 76.5 61.0 91.4
98 48.7 37.9 56.9



#40
Benzene
Concen: 20.757 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 78 Resp: 228473
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8

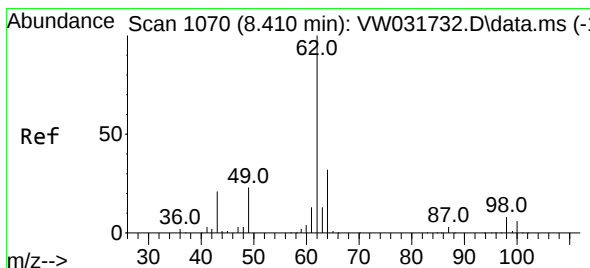
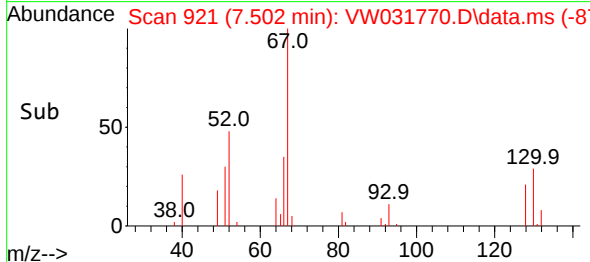
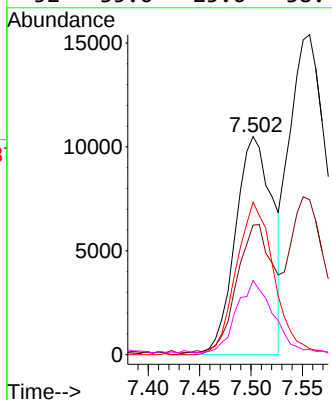
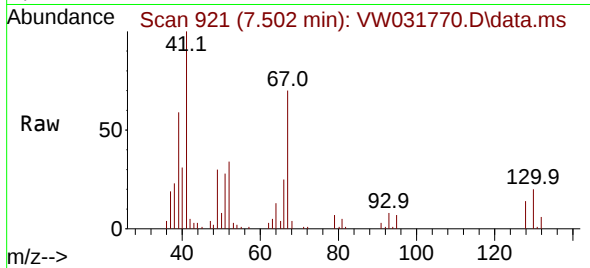




#41
Methacrylonitrile
Concen: 21.122 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

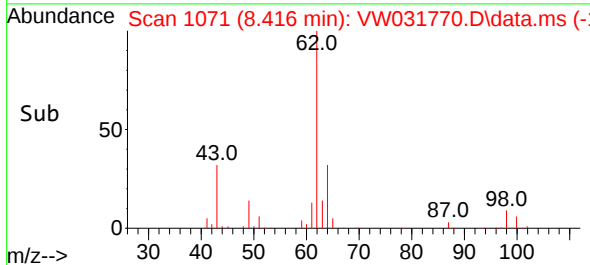
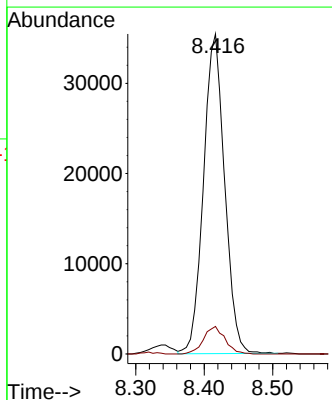
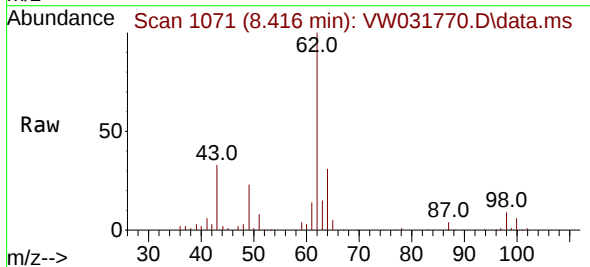
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

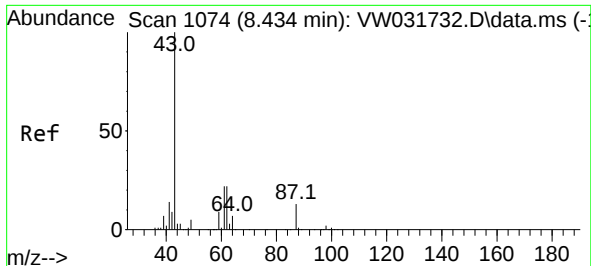
Tgt Ion: 41	Resp: 26555
Ion Ratio	Lower Upper
41 100	
39 56.4	43.2 64.8
67 71.2	58.1 87.1
52 35.6	25.6 38.4



#42
1,2-Dichloroethane
Concen: 20.401 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 62	Resp: 75877
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 17.2

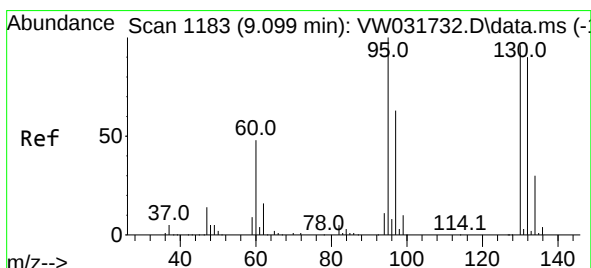
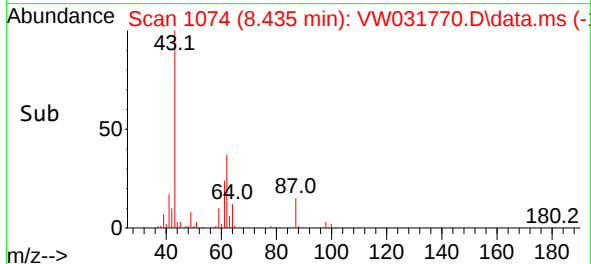
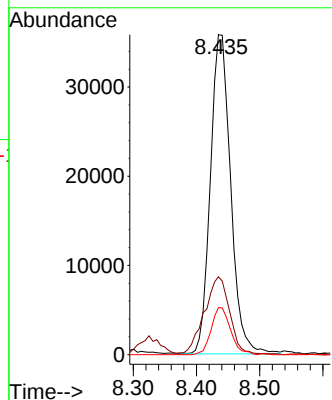
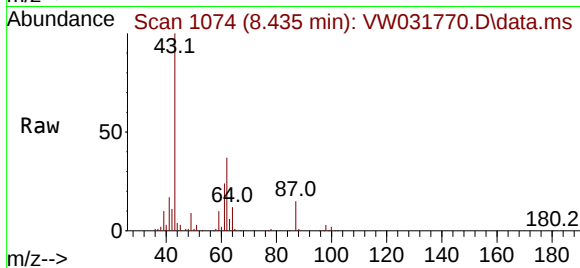




#43
Isopropyl Acetate
Concen: 19.734 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

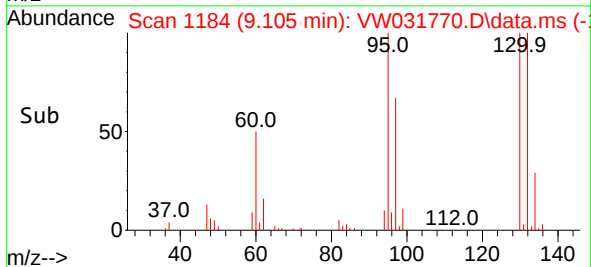
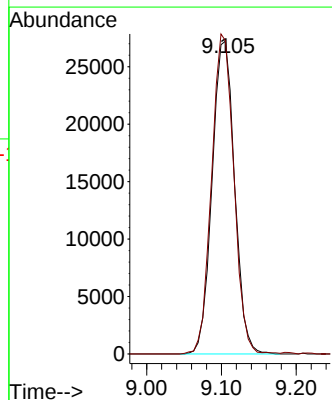
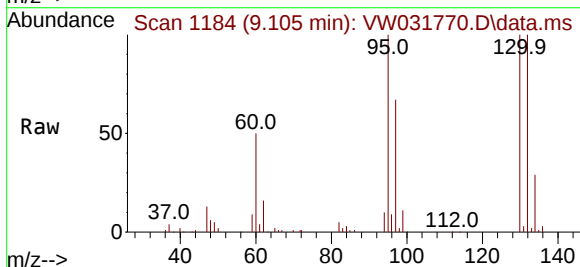
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

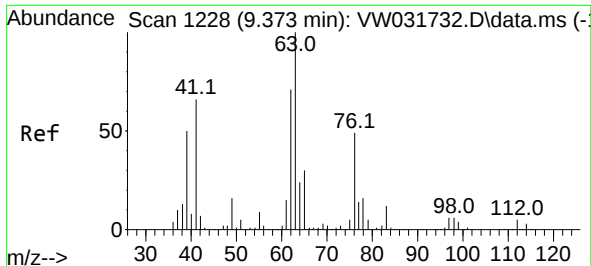
Tgt Ion: 43 Resp: 79836
Ion Ratio Lower Upper
43 100
61 30.7 23.1 34.7
87 14.0 10.8 16.2



#44
Trichloroethene
Concen: 20.682 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion:130 Resp: 56819
Ion Ratio Lower Upper
130 100
95 100.1 0.0 208.6





#45

1,2-Dichloropropane

Concen: 20.274 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

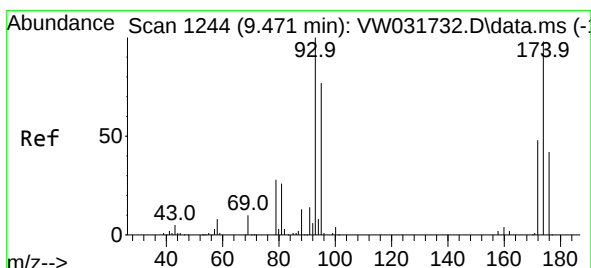
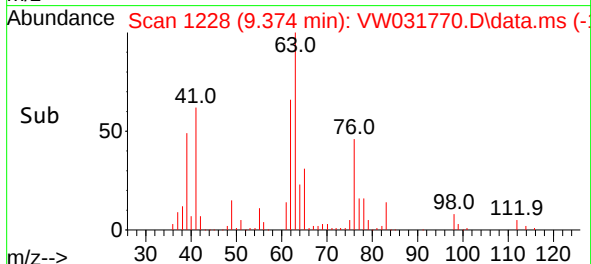
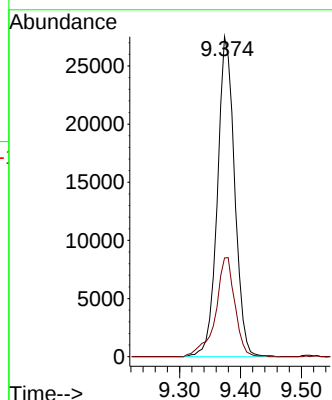
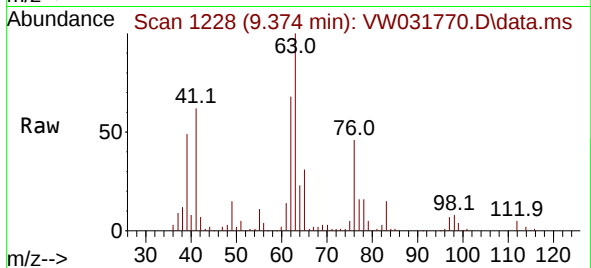
VW0709SBSD01

Tgt Ion: 63 Resp: 53934

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.4



#46

Dibromomethane

Concen: 20.734 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

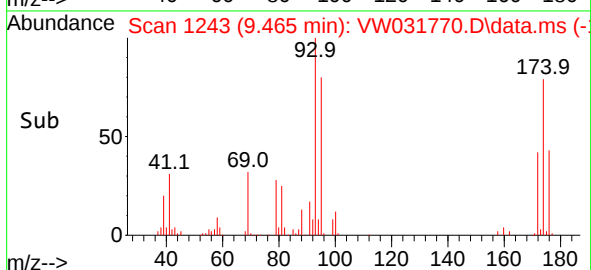
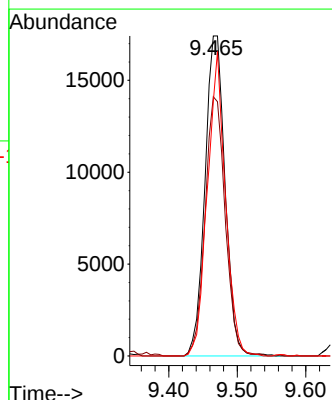
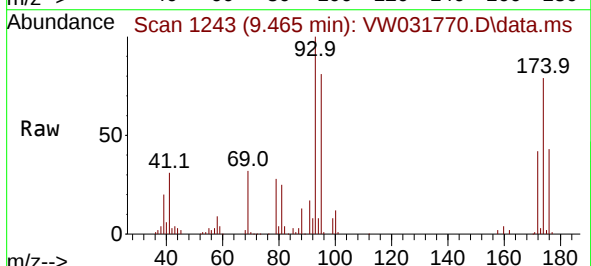
Tgt Ion: 93 Resp: 35611

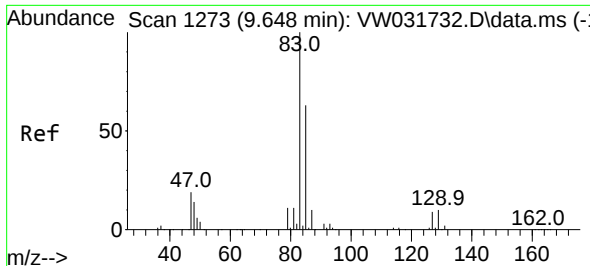
Ion Ratio Lower Upper

93 100

95 81.4 67.0 100.4

174 85.4 71.7 107.5

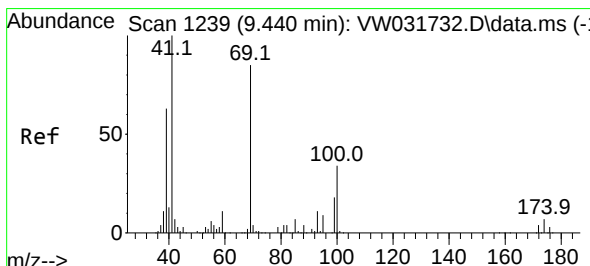
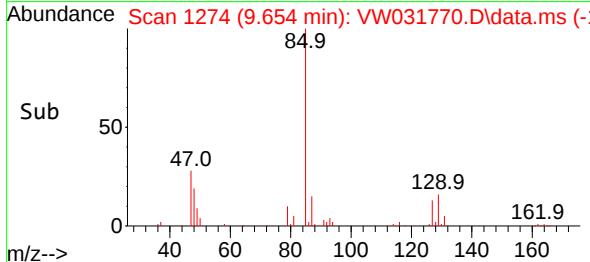
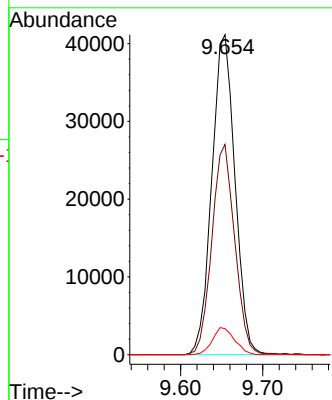
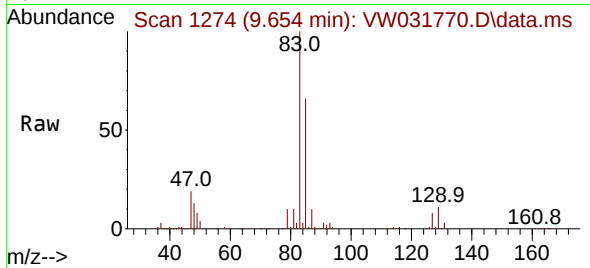




#47
Bromodichloromethane
Concen: 19.979 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

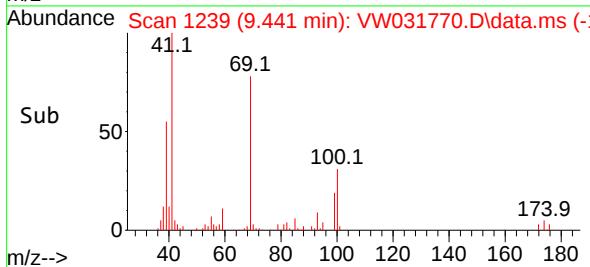
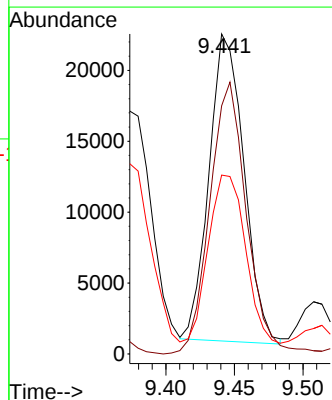
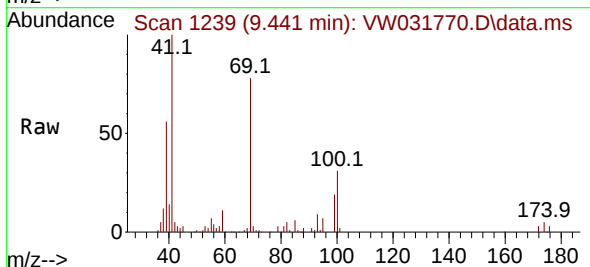
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

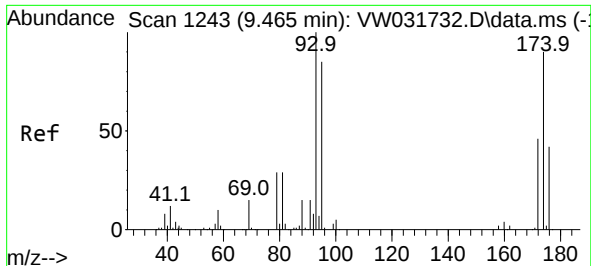
Tgt Ion: 83 Resp: 80464
Ion Ratio Lower Upper
83 100
85 65.7 50.8 76.2
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 19.293 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 41 Resp: 38379
Ion Ratio Lower Upper
41 100
69 93.4 71.6 107.4
39 64.8 49.5 74.3





#49

1,4-Dioxane

Concen: 313.341 ug/l

RT: 9.471 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

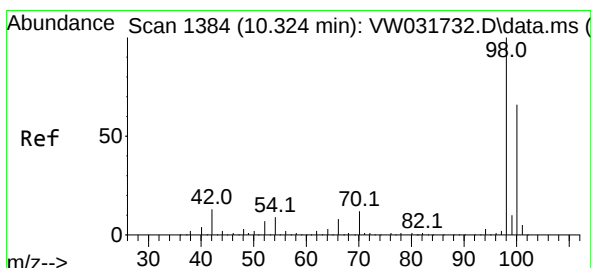
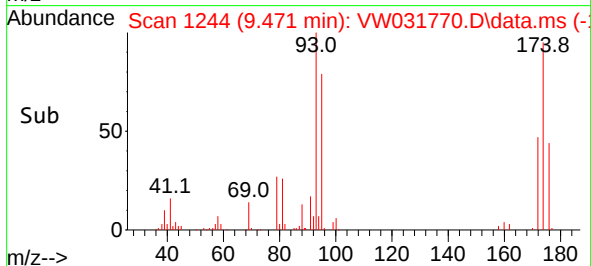
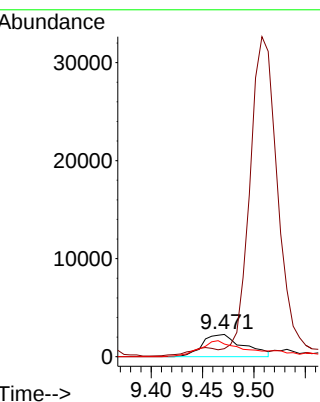
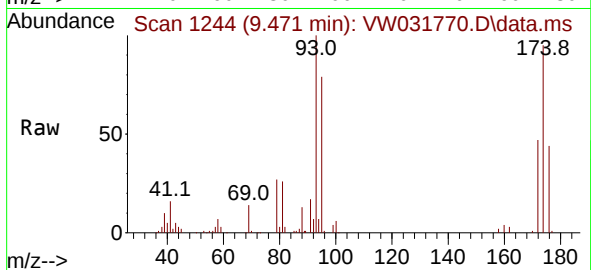
Tgt Ion: 88 Resp: 6303

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 88.2 58.3 87.5#



#50

Toluene-d8

Concen: 49.701 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031770.D

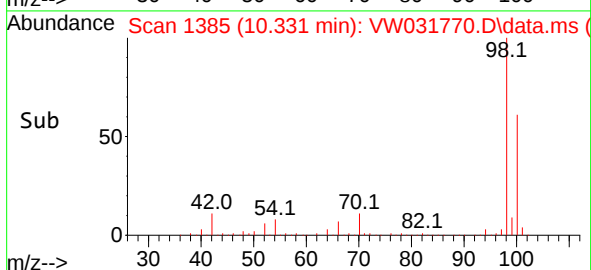
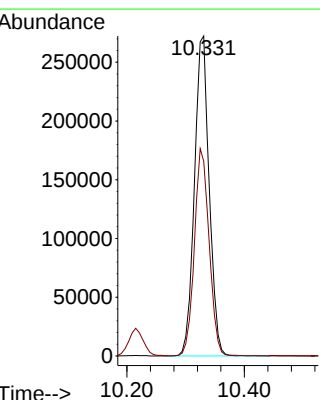
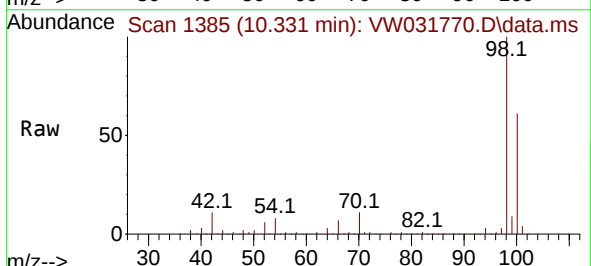
Acq: 09 Jul 2025 11:56

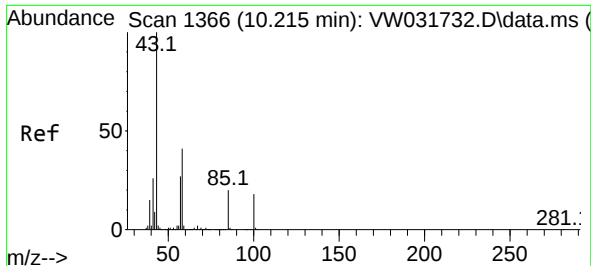
Tgt Ion: 98 Resp: 475528

Ion Ratio Lower Upper

98 100

100 64.6 53.0 79.4

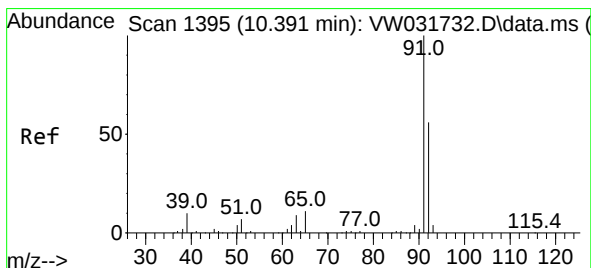
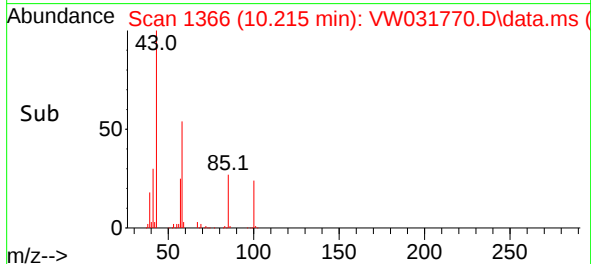
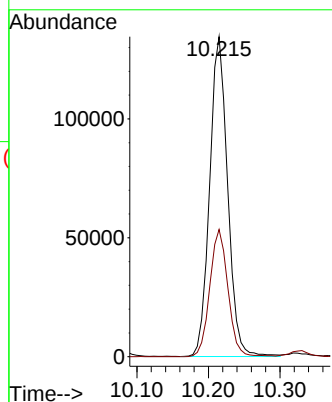
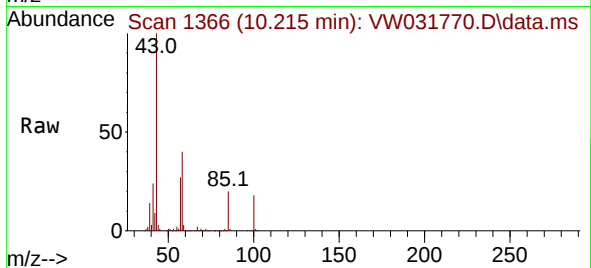




#51
4-Methyl-2-Pentanone
Concen: 100.967 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

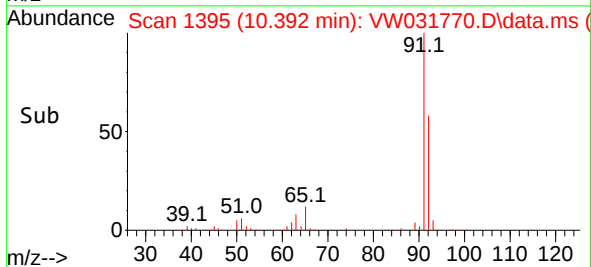
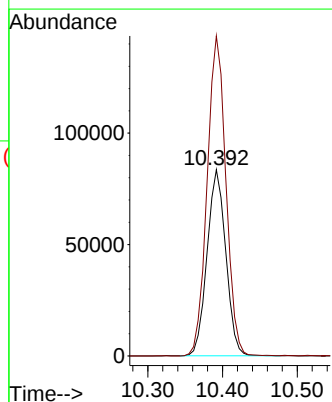
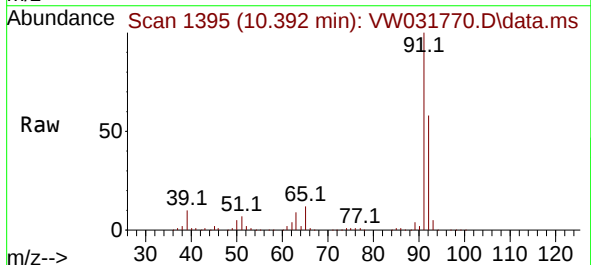
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

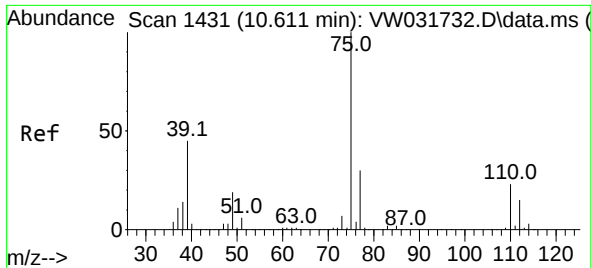
Tgt Ion: 43 Resp: 234832
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 20.601 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 92 Resp: 145186
Ion Ratio Lower Upper
92 100
91 172.7 139.5 209.3

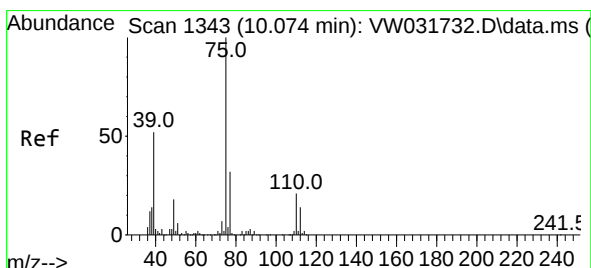
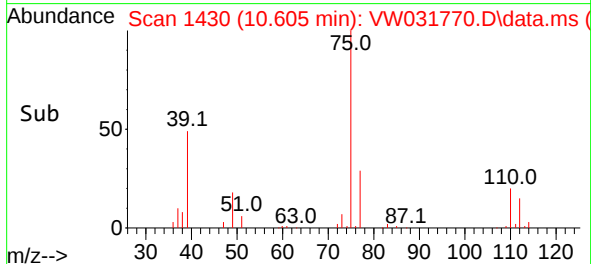
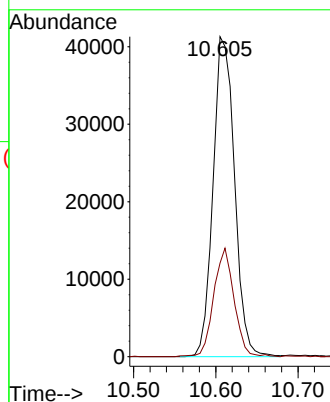
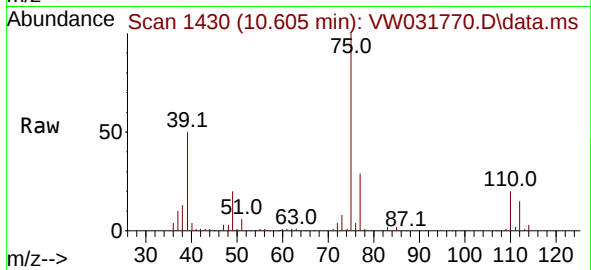




#53
 t-1,3-Dichloropropene
 Concen: 19.851 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW031770.D
 Acq: 09 Jul 2025 11:56

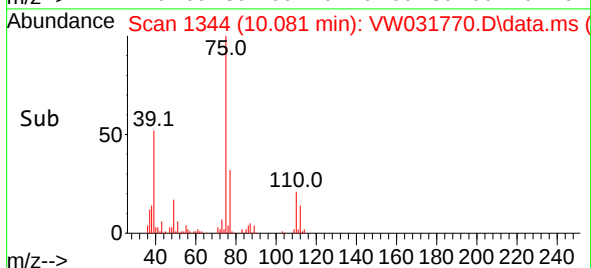
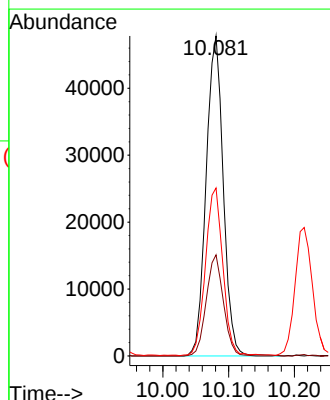
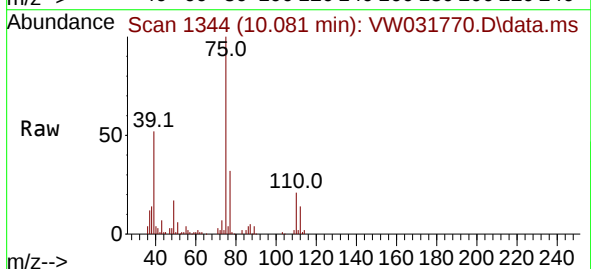
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

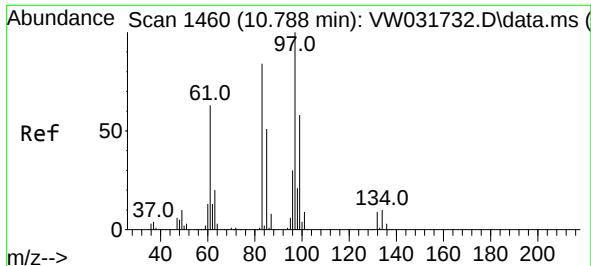
Tgt Ion: 75 Resp: 75014
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.192 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW031770.D
 Acq: 09 Jul 2025 11:56

Tgt Ion: 75 Resp: 86499
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2
 39 52.4 41.8 62.6

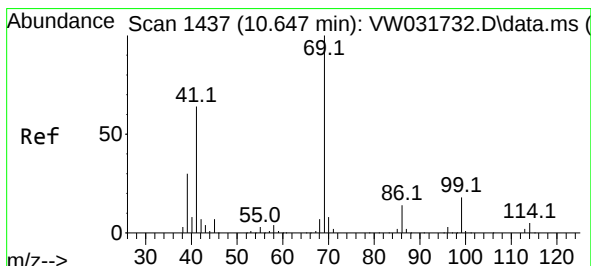
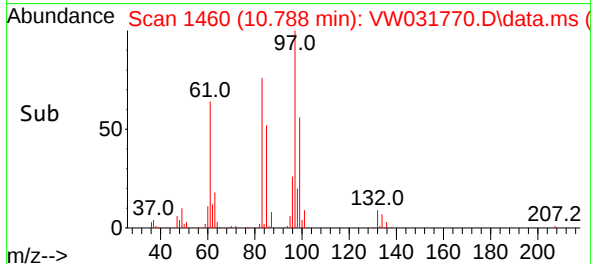
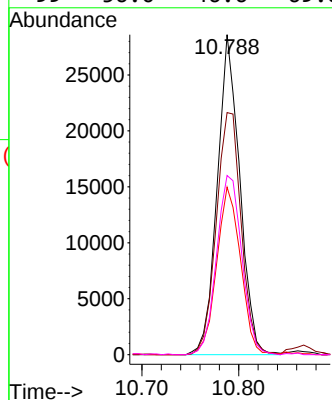
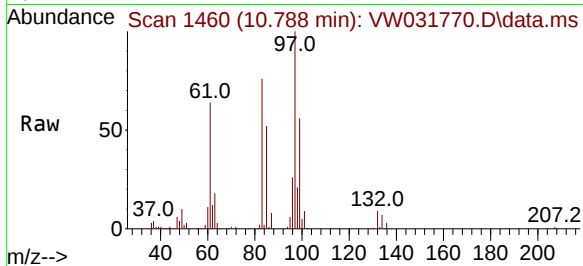




#55
1,1,2-Trichloroethane
Concen: 20.470 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

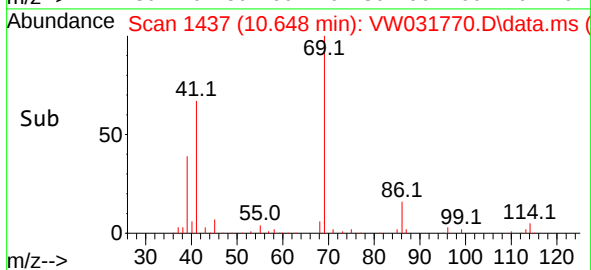
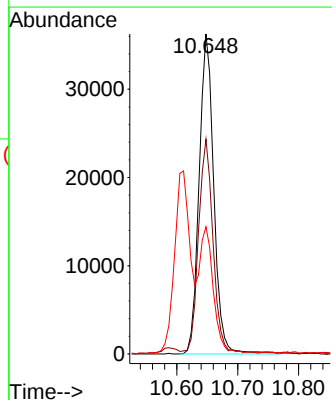
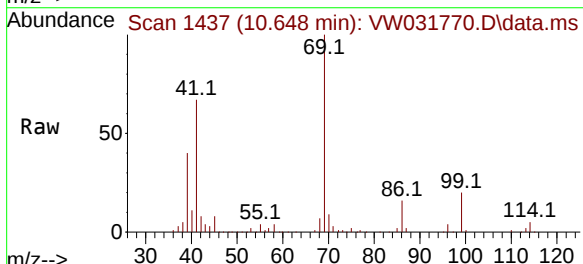
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tgt Ion:	97	Resp:	46054
Ion	Ratio	Lower	Upper
97	100		
83	75.7	66.9	100.3
85	52.4	41.1	61.7
99	56.0	46.6	69.8



#56
Ethyl methacrylate
Concen: 19.863 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion:	69	Resp:	60627
Ion	Ratio	Lower	Upper
69	100		
41	65.9	53.3	79.9
39	38.0	30.2	45.2





#57

1,3-Dichloropropane

Concen: 20.069 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

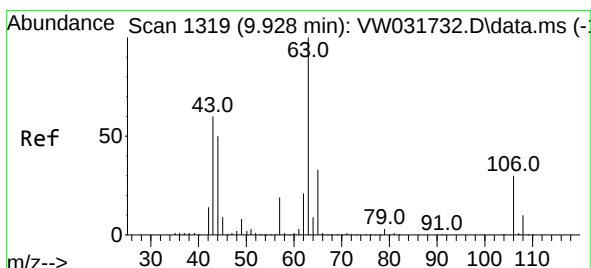
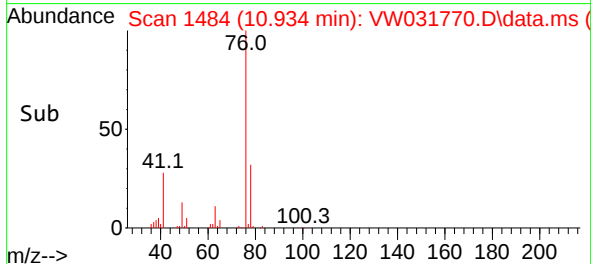
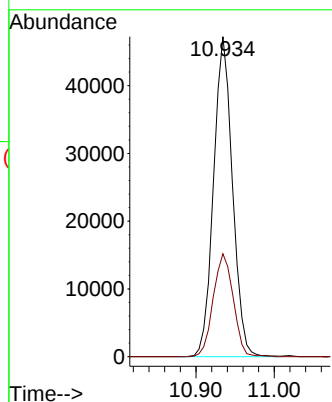
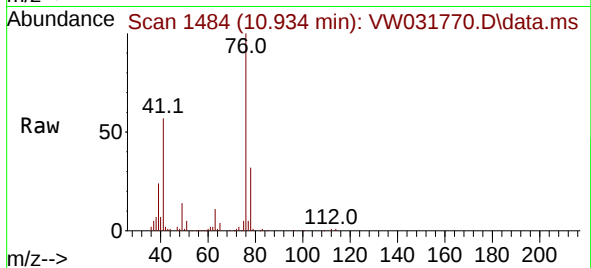
VW0709SBSD01

Tgt Ion: 76 Resp: 79273

Ion Ratio Lower Upper

76 100

78 34.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.599 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031770.D

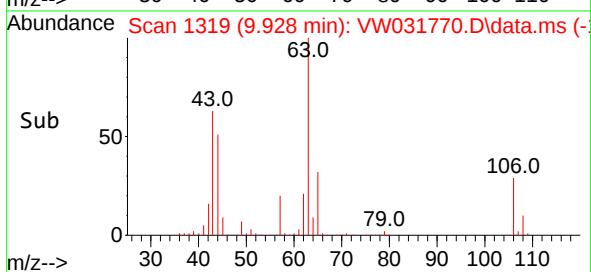
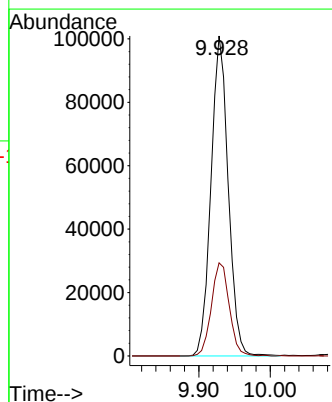
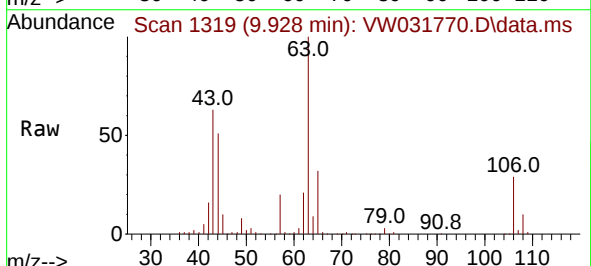
Acq: 09 Jul 2025 11:56

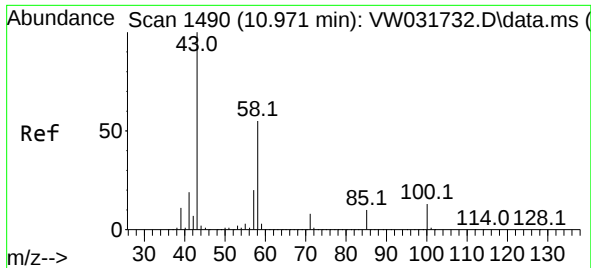
Tgt Ion: 63 Resp: 169076

Ion Ratio Lower Upper

63 100

106 30.1 24.1 36.1

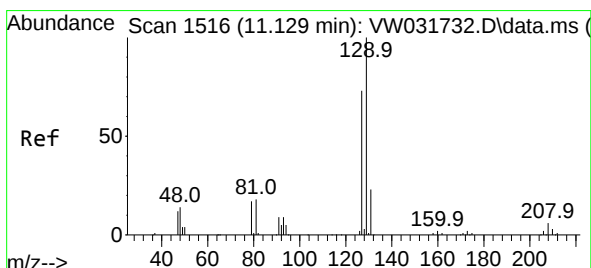
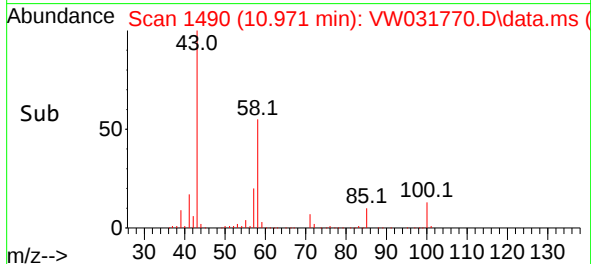
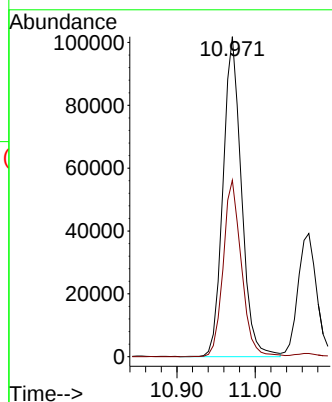
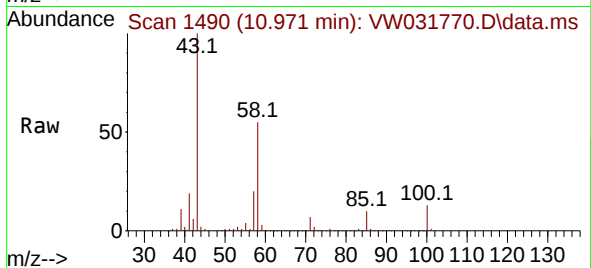




#59
2-Hexanone
Concen: 105.898 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

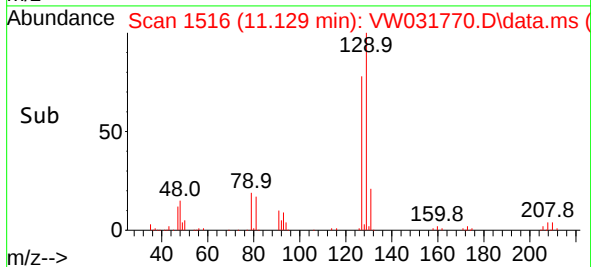
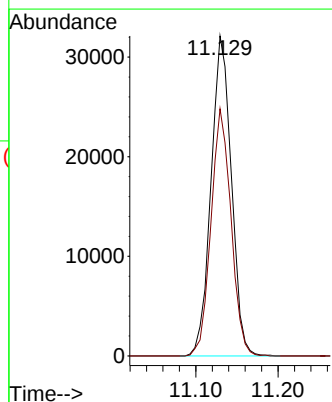
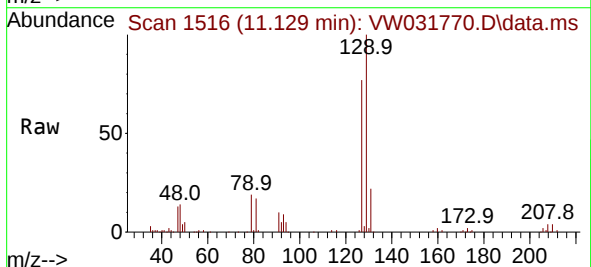
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

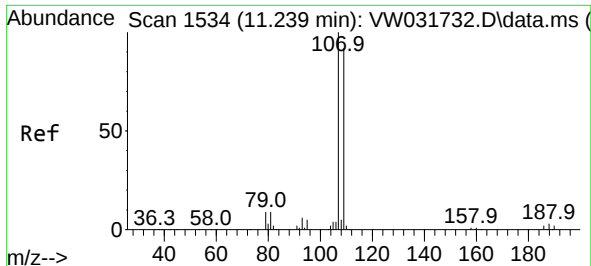
Tgt Ion: 43 Resp: 166903
Ion Ratio Lower Upper
43 100
58 54.4 27.9 83.6



#60
Dibromochloromethane
Concen: 20.549 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion:129 Resp: 55284
Ion Ratio Lower Upper
129 100
127 76.0 38.0 114.1

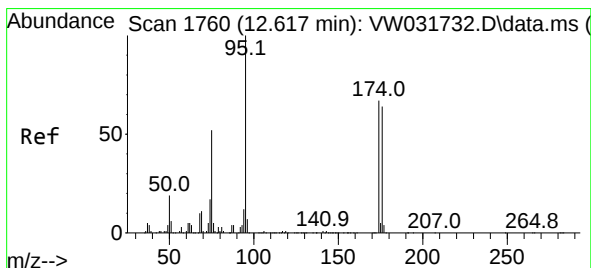
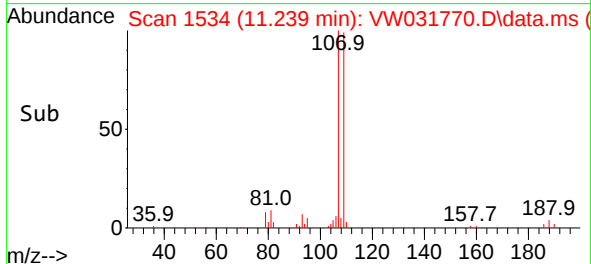
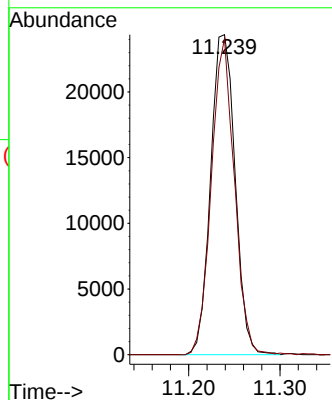
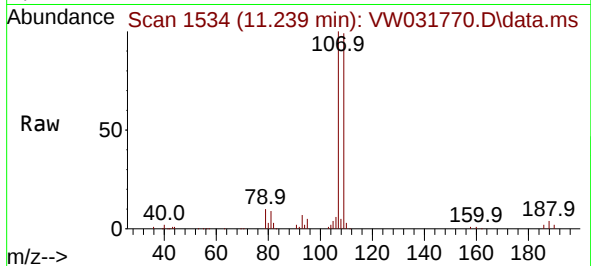




#61
1,2-Dibromoethane
Concen: 20.105 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

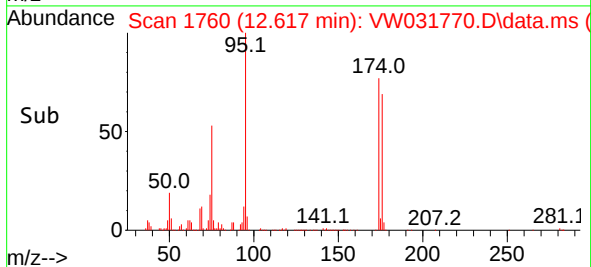
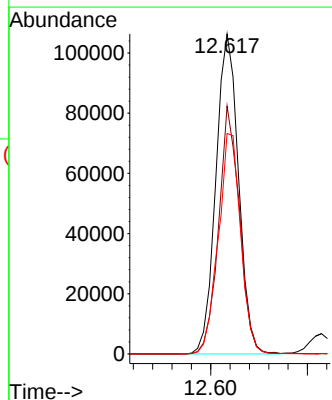
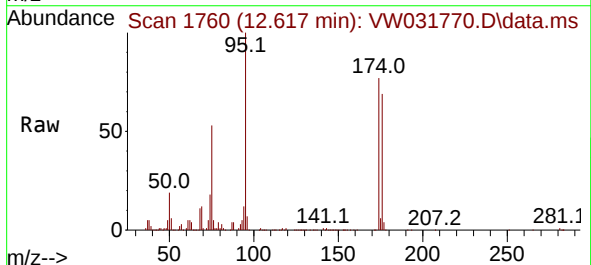
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

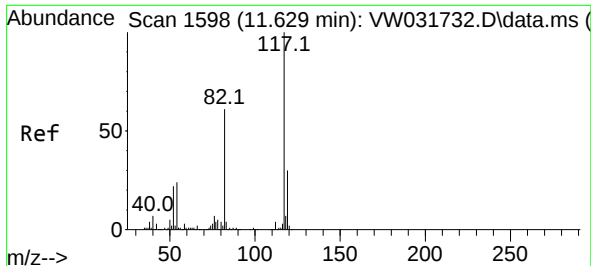
Tgt Ion:107 Resp: 45281
Ion Ratio Lower Upper
107 100
109 93.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 49.033 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 95 Resp: 172645
Ion Ratio Lower Upper
95 100
174 71.3 0.0 133.8
176 68.2 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

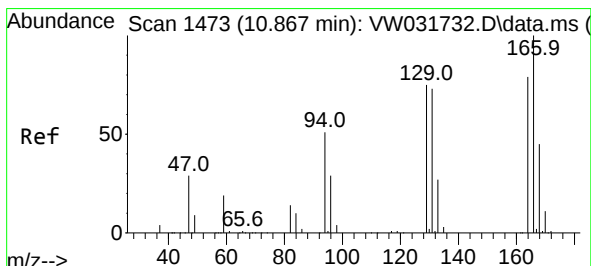
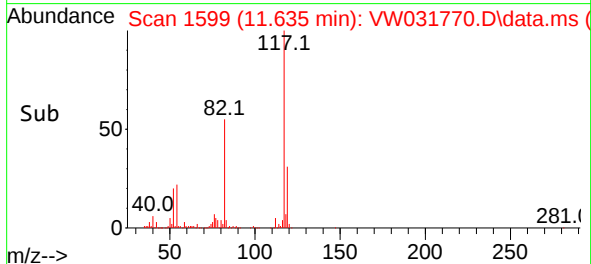
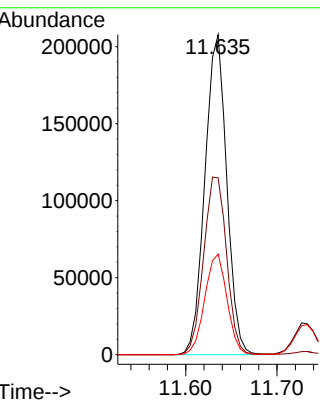
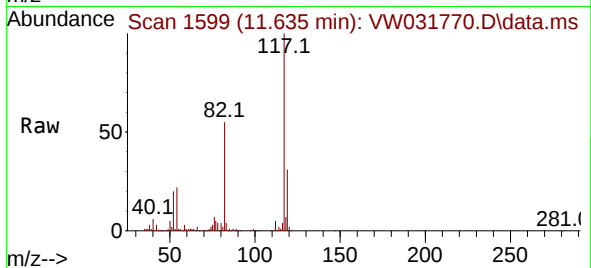
Tgt Ion:117 Resp: 345377

Ion Ratio Lower Upper

117 100

82 55.2 48.6 72.8

119 31.4 23.9 35.9



#64

Tetrachloroethene

Concen: 20.780 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Tgt Ion:164 Resp: 46946

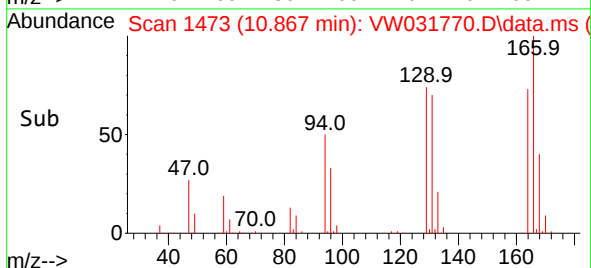
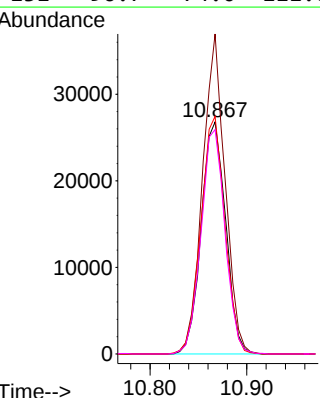
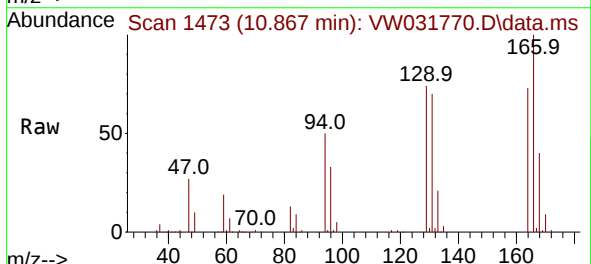
Ion Ratio Lower Upper

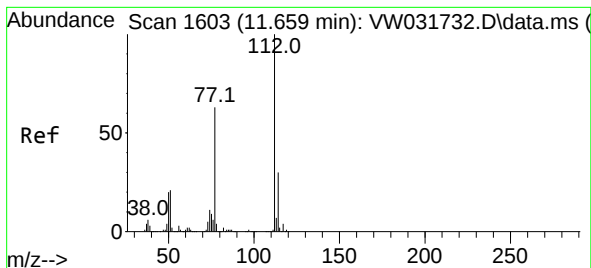
164 100

166 137.9 100.7 151.1

129 102.4 75.4 113.0

131 96.7 74.0 111.0





#65

Chlorobenzene

Concen: 21.379 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

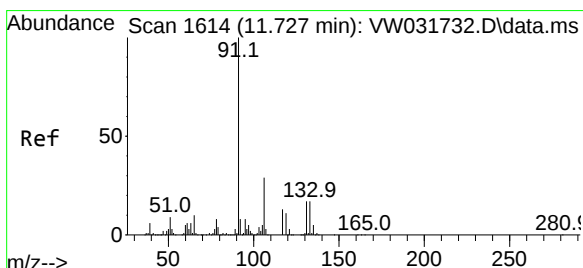
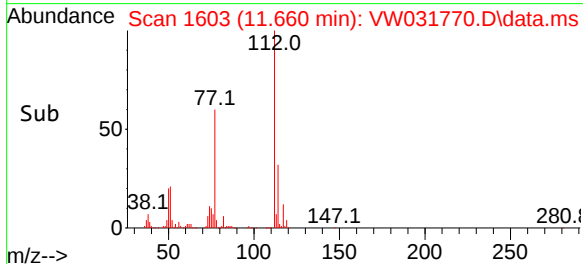
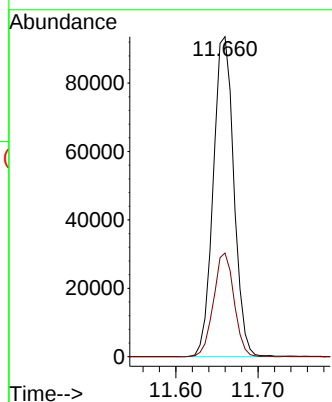
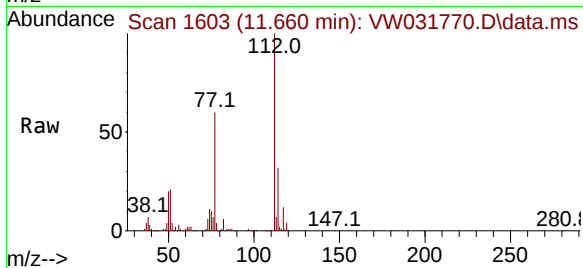
VW0709SBSD01

Tgt Ion:112 Resp: 162916

Ion Ratio Lower Upper

112 100

114 32.4 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 21.484 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

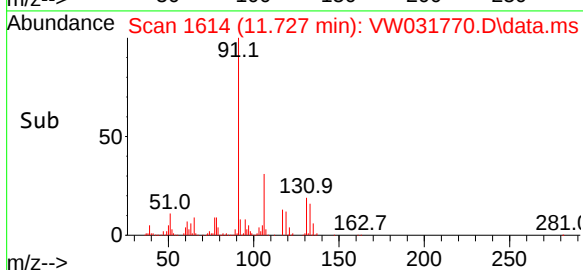
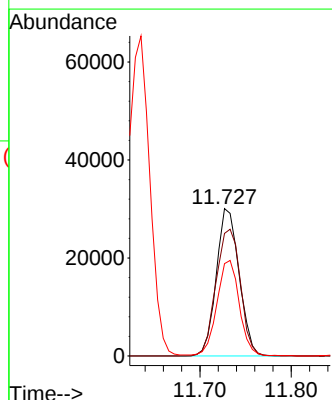
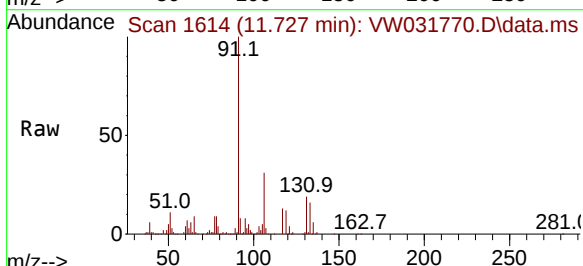
Tgt Ion:131 Resp: 52169

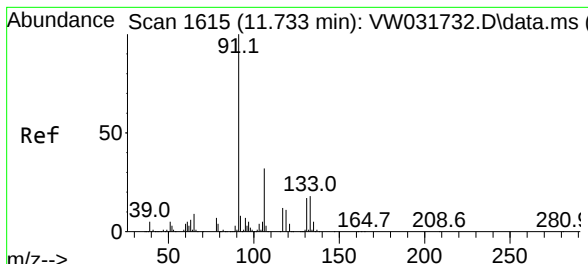
Ion Ratio Lower Upper

131 100

133 92.5 48.5 145.6

119 64.1 32.5 97.5

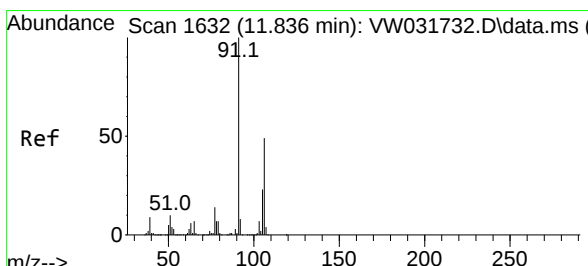
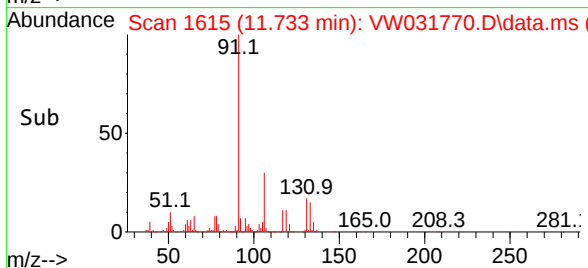
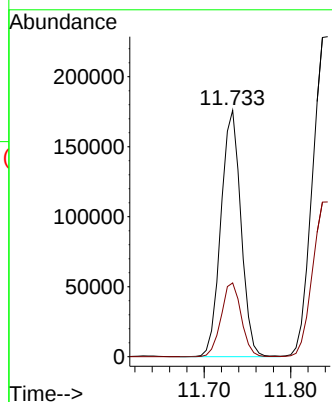
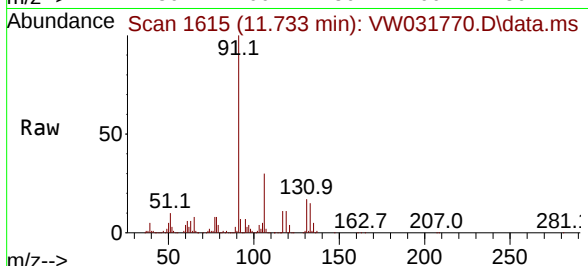




#67
Ethyl Benzene
Concen: 21.386 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

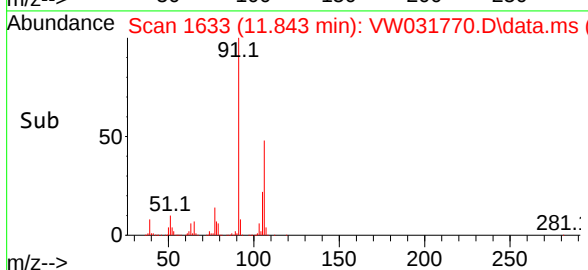
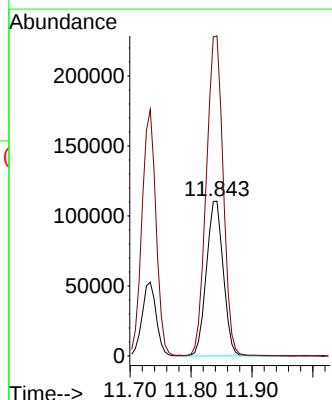
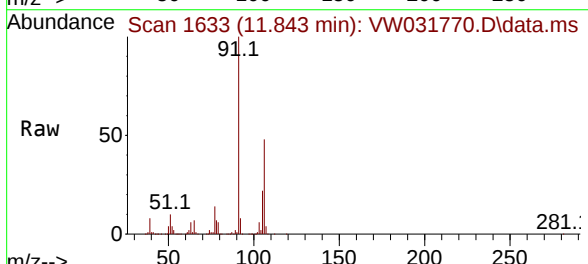
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tgt Ion: 91 Resp: 282587
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.2



#68
m/p-Xylenes
Concen: 41.772 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion:106 Resp: 212182
Ion Ratio Lower Upper
106 100
91 207.4 166.4 249.6

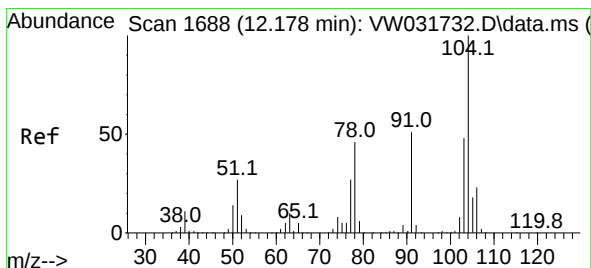
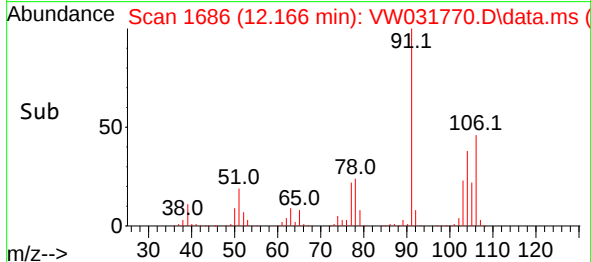
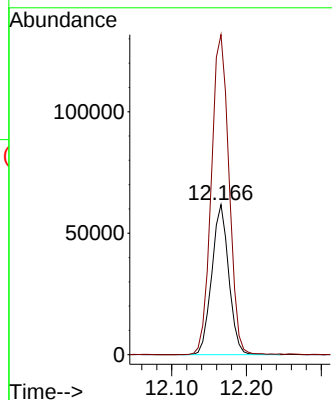
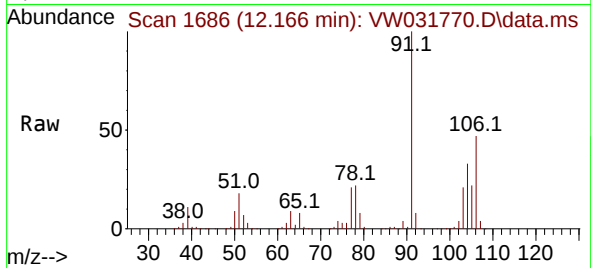




#69
o-Xylene
Concen: 20.754 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

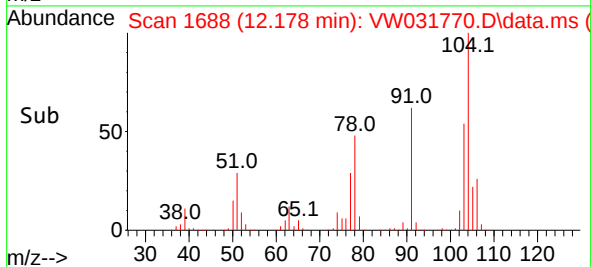
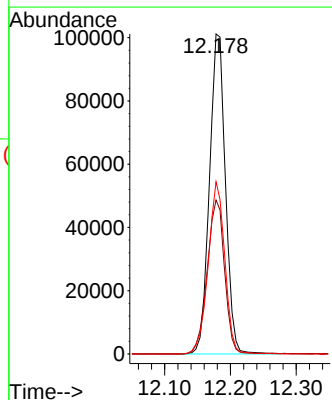
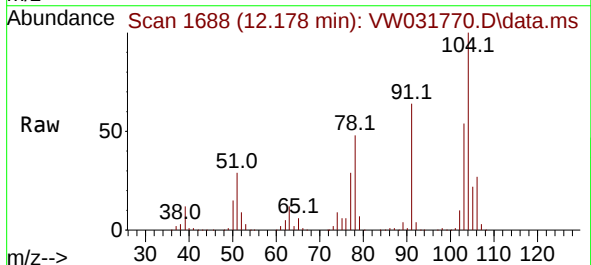
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

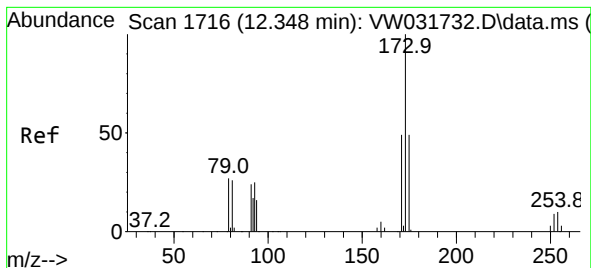
Tgt Ion:106 Resp: 97609
Ion Ratio Lower Upper
106 100
91 222.7 111.5 334.4



#70
Styrene
Concen: 21.075 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion:104 Resp: 171352
Ion Ratio Lower Upper
104 100
78 52.2 42.1 63.1
103 55.7 43.0 64.6





#71

Bromoform

Concen: 20.067 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

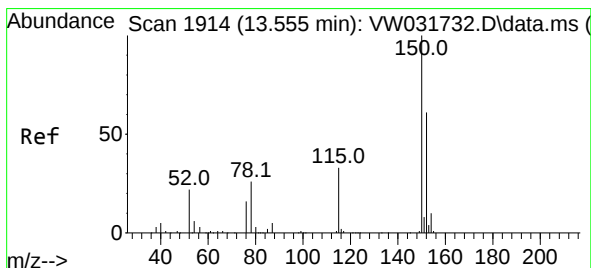
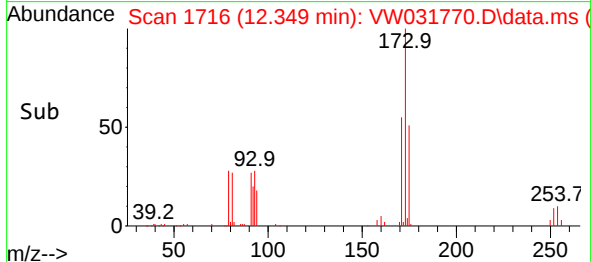
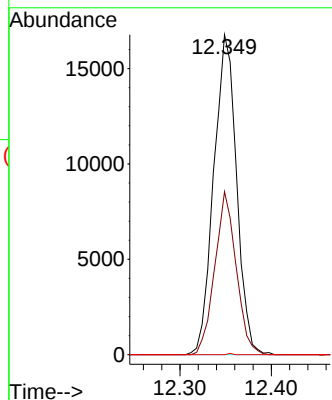
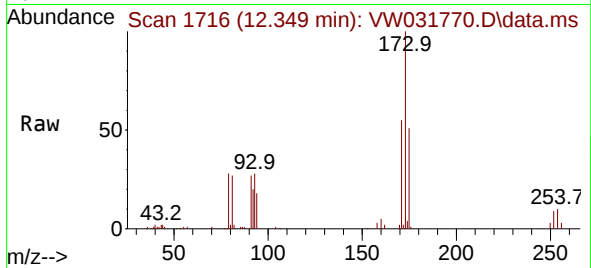
Tgt Ion:173 Resp: 29070

Ion Ratio Lower Upper

173 100

175 47.8 24.0 72.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

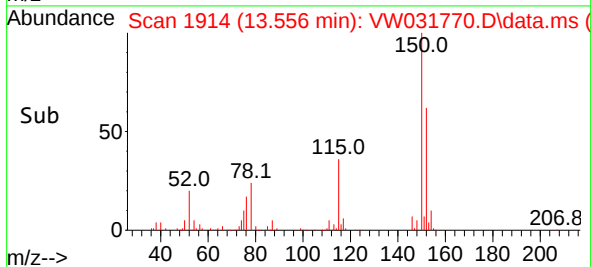
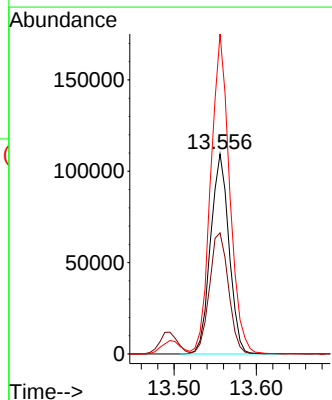
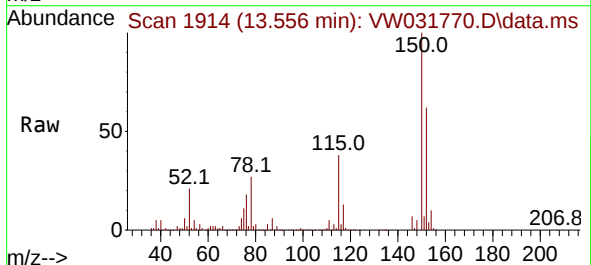
Tgt Ion:152 Resp: 170831

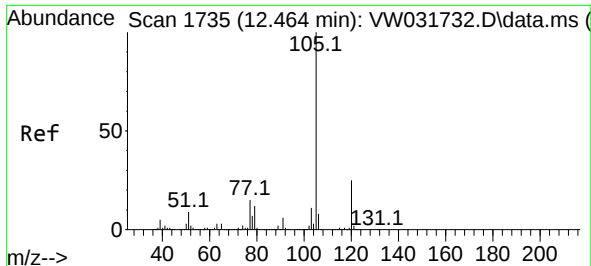
Ion Ratio Lower Upper

152 100

115 62.4 31.9 95.7

150 163.1 0.0 356.4

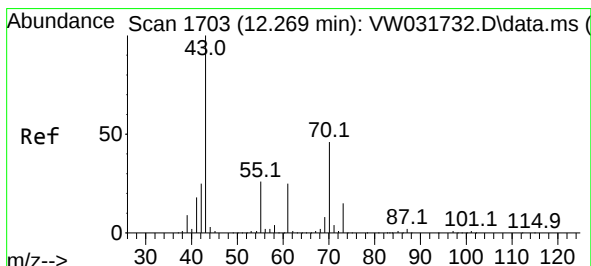
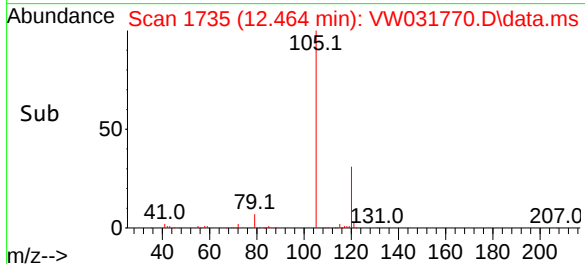
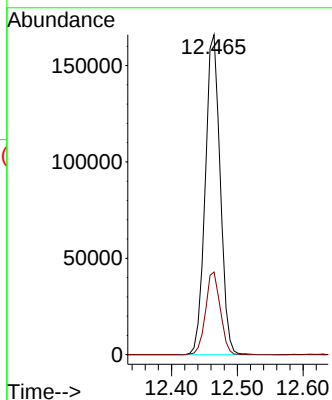
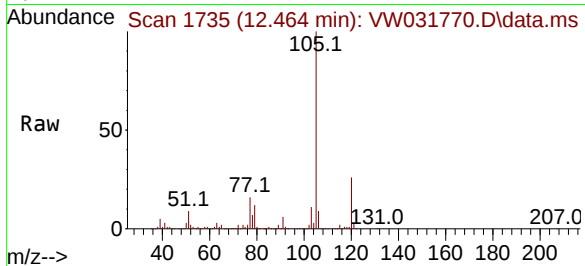




#73
Isopropylbenzene
Concen: 20.191 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

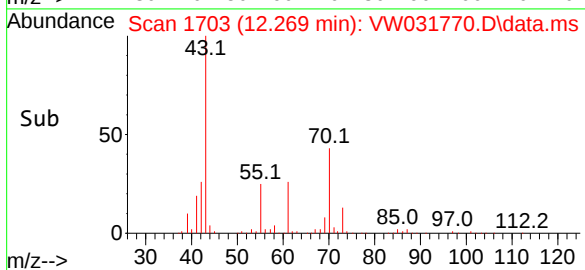
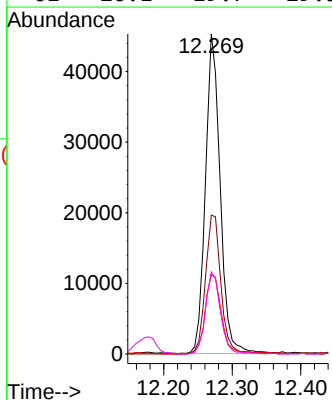
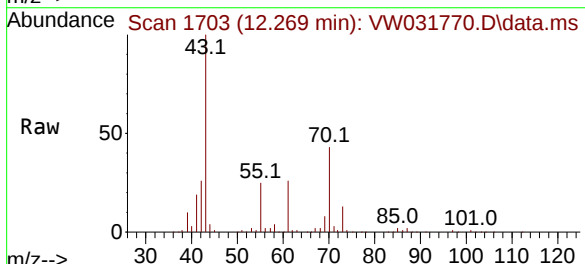
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

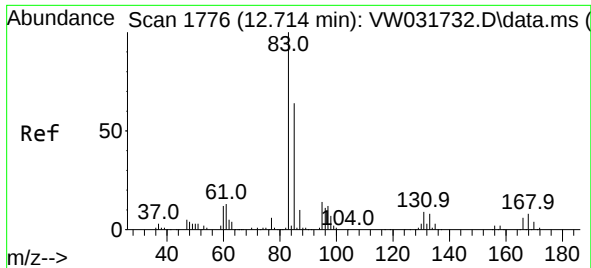
Tgt Ion:105 Resp: 262365
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4



#74
N-ethyl acetate
Concen: 19.424 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 43 Resp: 68029
Ion Ratio Lower Upper
43 100
70 45.3 36.0 54.0
55 27.8 20.8 31.2
61 26.1 19.7 29.5

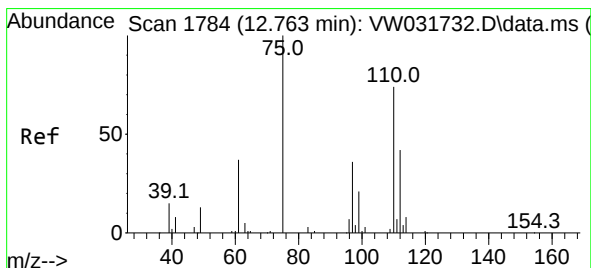
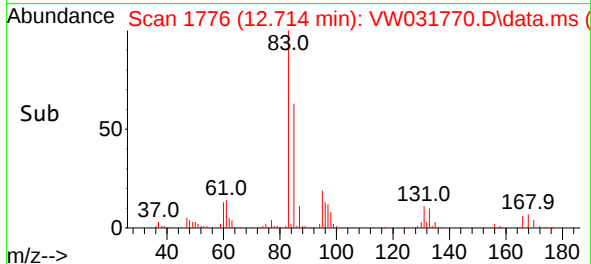
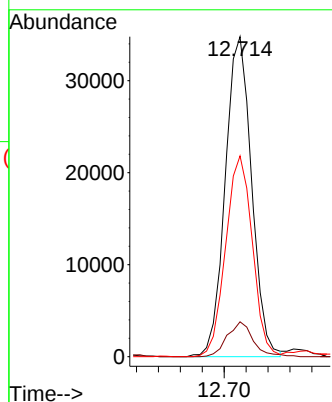
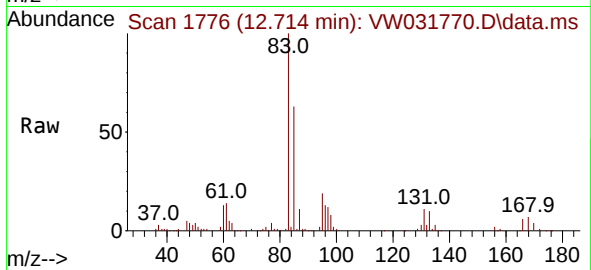




#75
1,1,2,2-Tetrachloroethane
Concen: 20.126 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

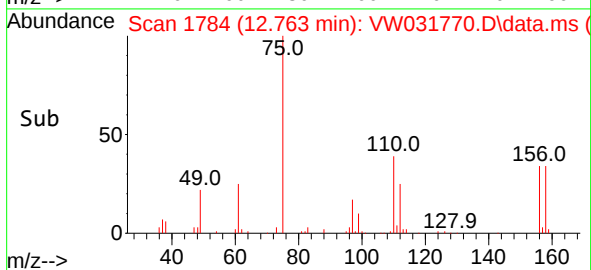
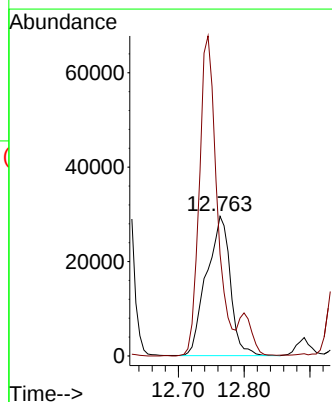
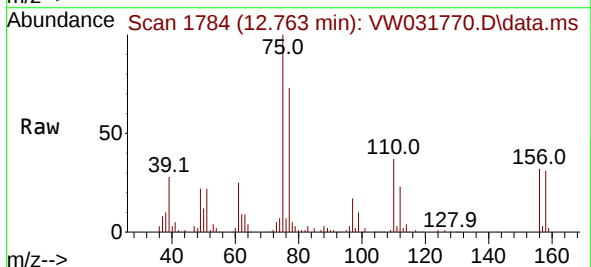
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

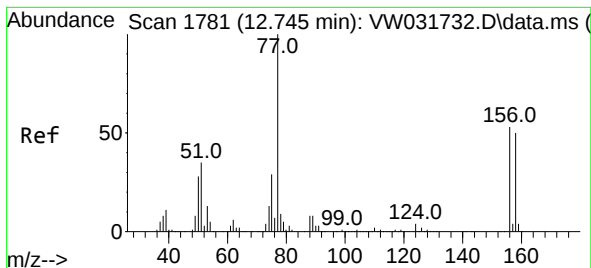
Tgt Ion: 83 Resp: 58061
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 63.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 33.630 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 75 Resp: 74241
Ion Ratio Lower Upper
75 100
77 171.9 141.2 423.6





#77

Bromobenzene

Concen: 21.304 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

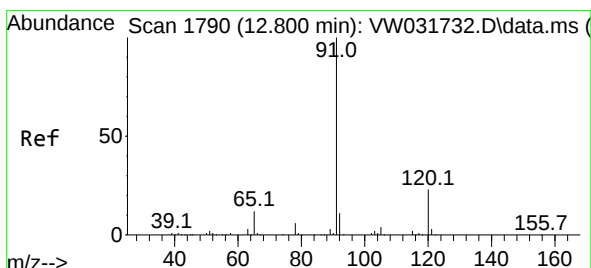
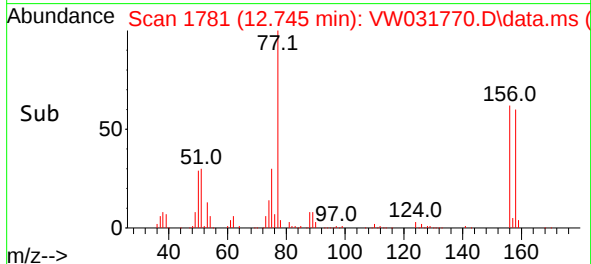
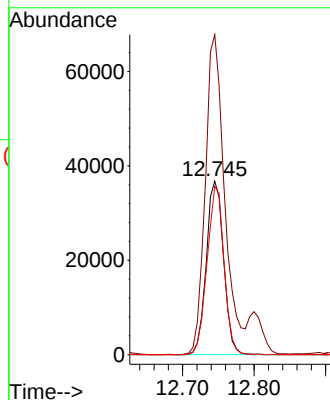
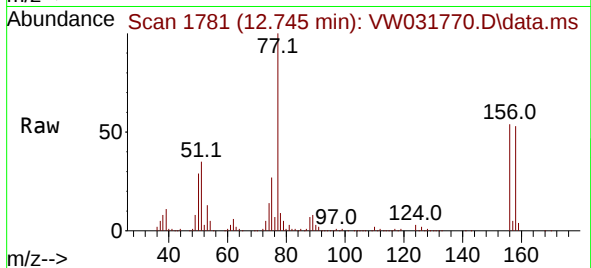
Tgt Ion:156 Resp: 61744

Ion Ratio Lower Upper

156 100

77 206.7 117.9 353.7

158 95.1 52.6 157.8



#78

n-propylbenzene

Concen: 20.273 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031770.D

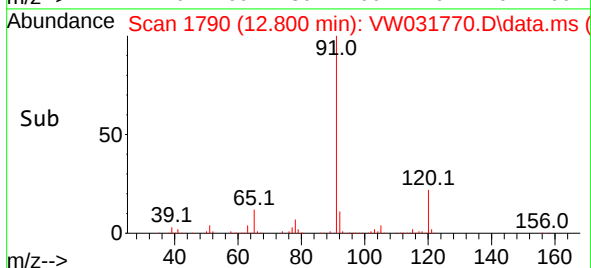
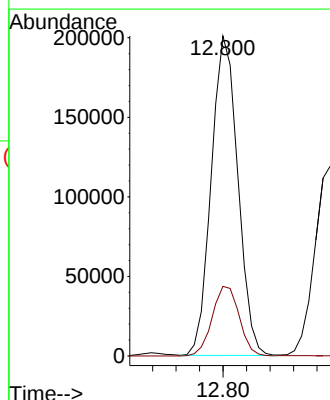
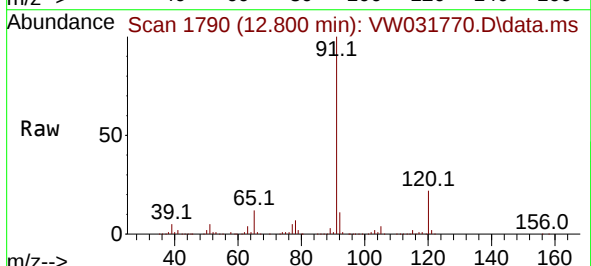
Acq: 09 Jul 2025 11:56

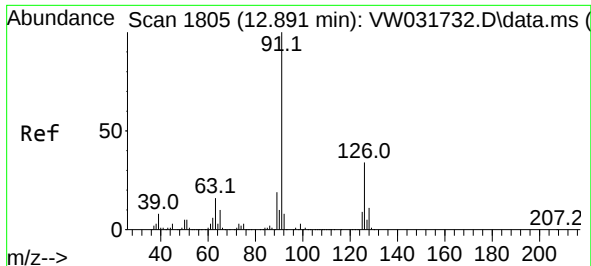
Tgt Ion: 91 Resp: 315462

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

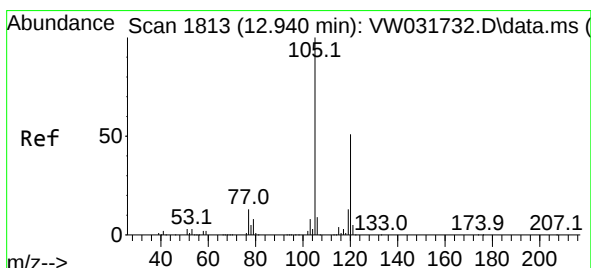
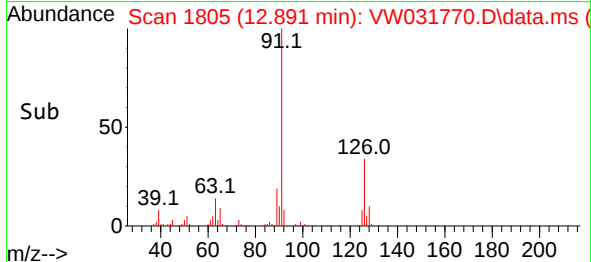
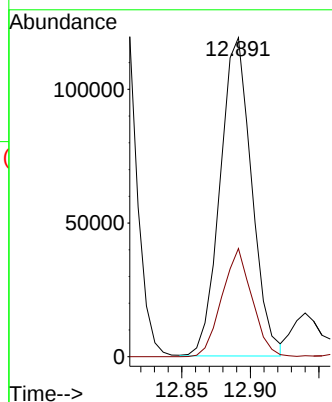
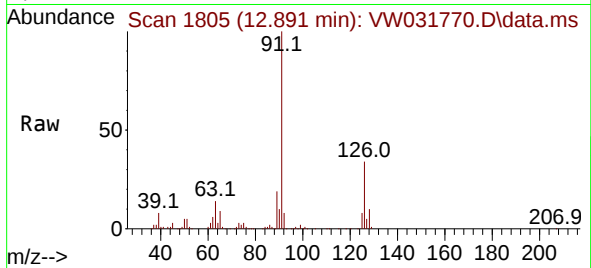




#79
2-Chlorotoluene
Concen: 20.418 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

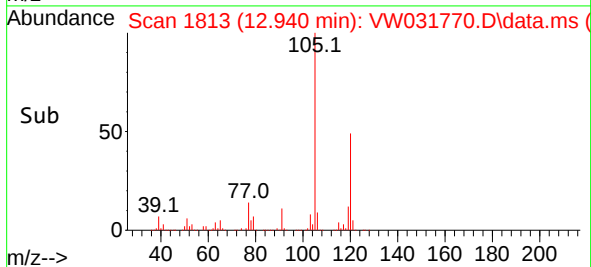
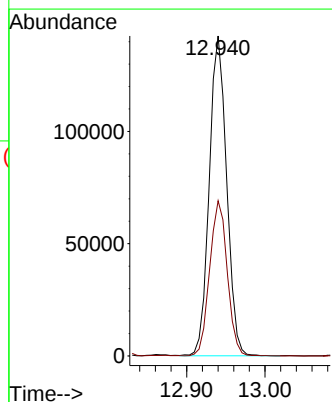
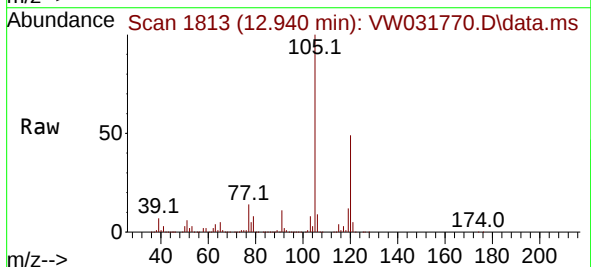
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

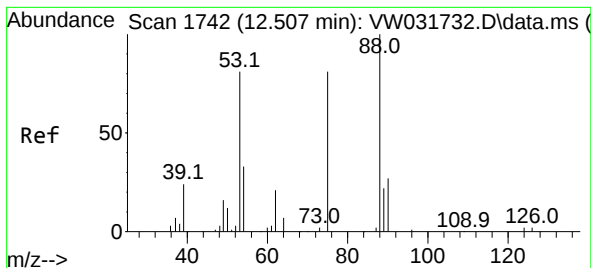
Tgt Ion: 91 Resp: 191318
Ion Ratio Lower Upper
91 100
126 32.3 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 20.387 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 105 Resp: 219286
Ion Ratio Lower Upper
105 100
120 49.1 23.8 71.2

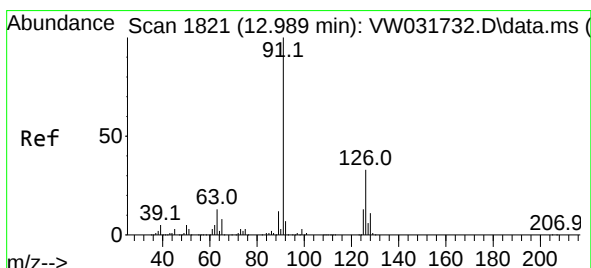
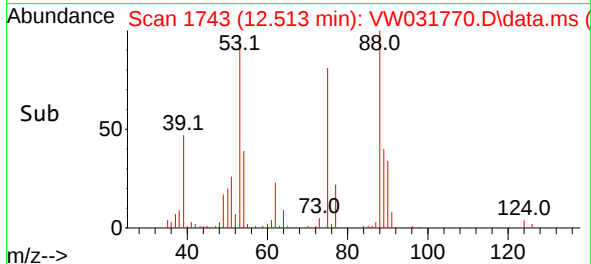
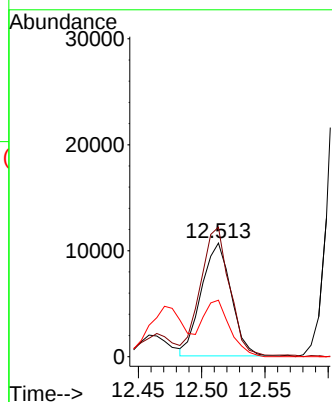
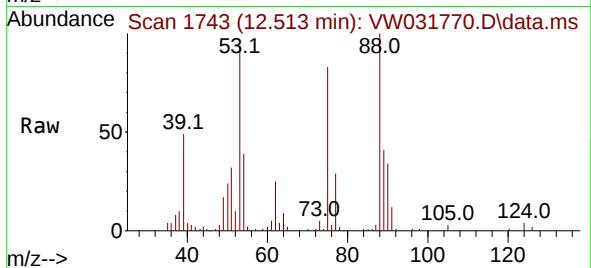




#81
trans-1,4-Dichloro-2-butene
Concen: 18.339 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

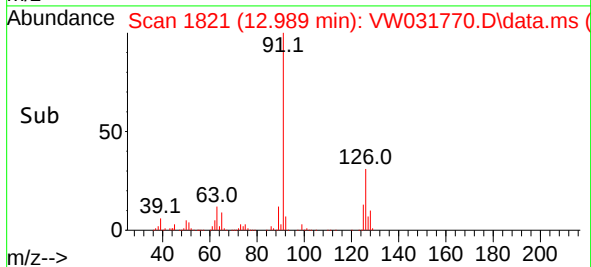
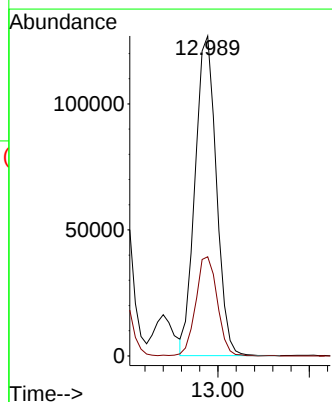
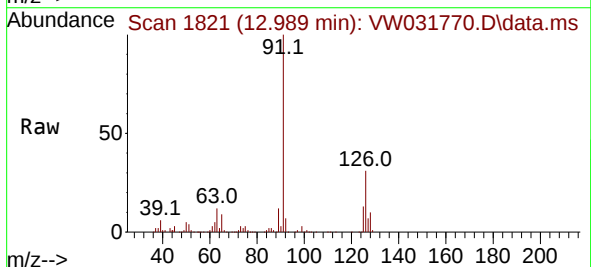
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

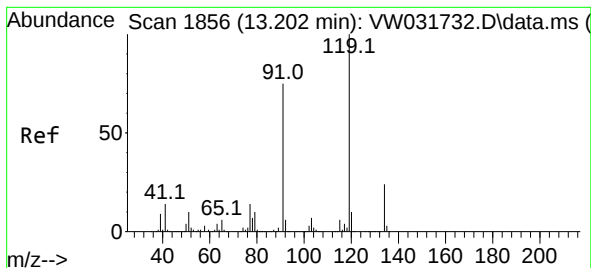
Tgt Ion: 75 Resp: 17382
Ion Ratio Lower Upper
75 100
53 111.1 83.5 125.3
89 44.4 38.3 57.5



#82
4-Chlorotoluene
Concen: 20.782 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 91 Resp: 204443
Ion Ratio Lower Upper
91 100
126 31.6 16.0 47.9





#83

tert-Butylbenzene

Concen: 20.669 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

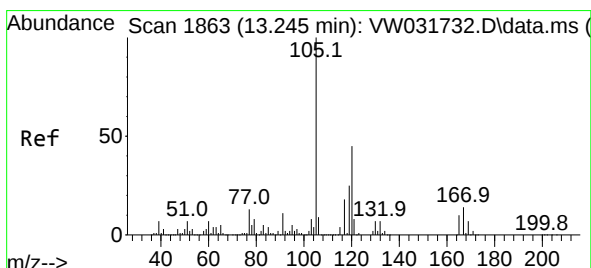
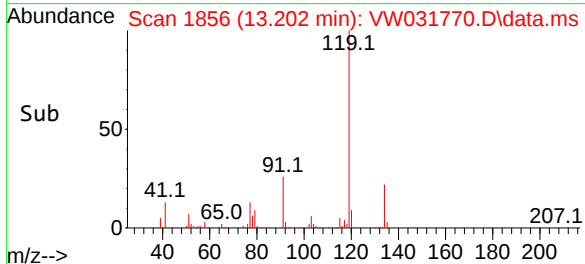
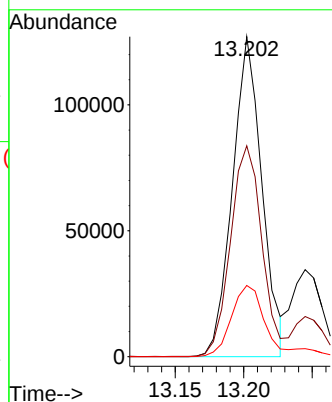
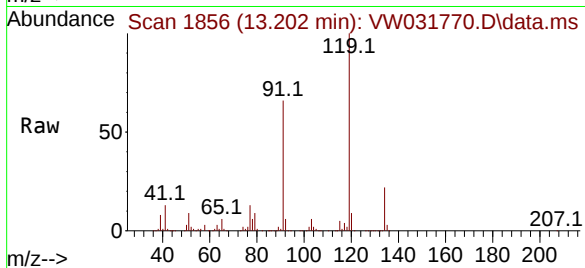
Tgt Ion:119 Resp: 190432

Ion Ratio Lower Upper

119 100

91 69.8 36.0 108.1

134 24.6 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 20.457 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031770.D

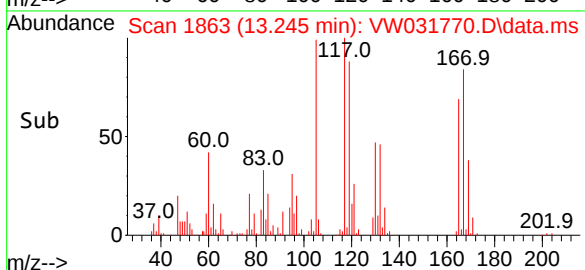
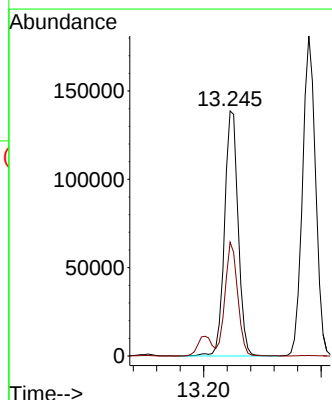
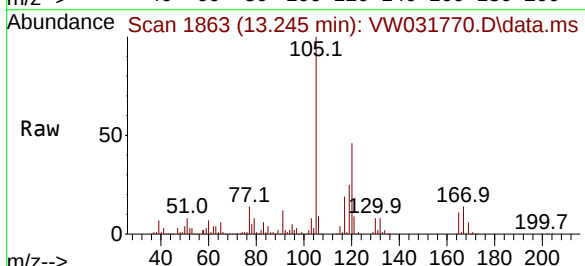
Acq: 09 Jul 2025 11:56

Tgt Ion:105 Resp: 222940

Ion Ratio Lower Upper

105 100

120 43.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.195 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

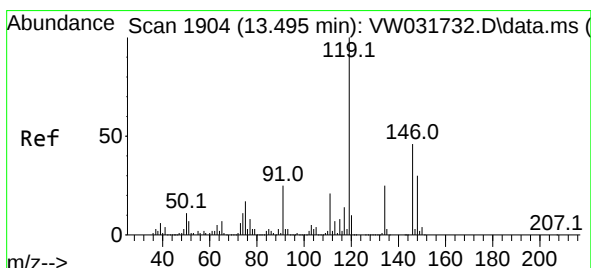
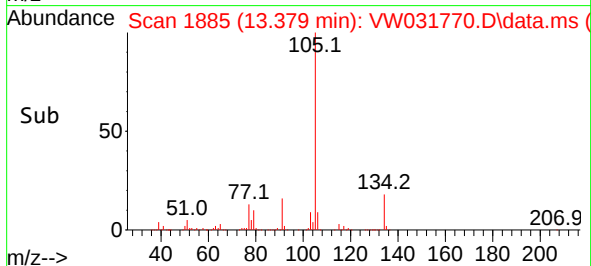
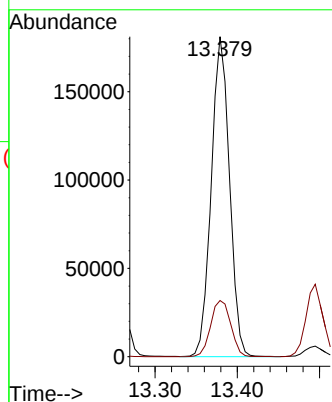
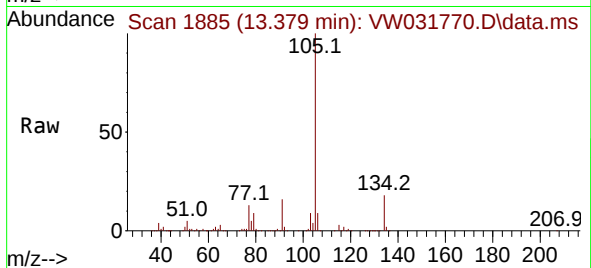
VW0709SBSD01

Tgt Ion:105 Resp: 279281

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.426 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

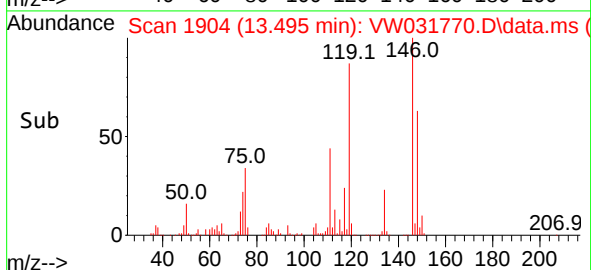
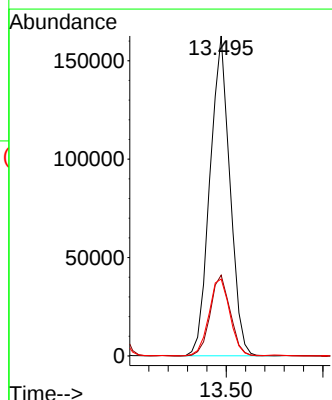
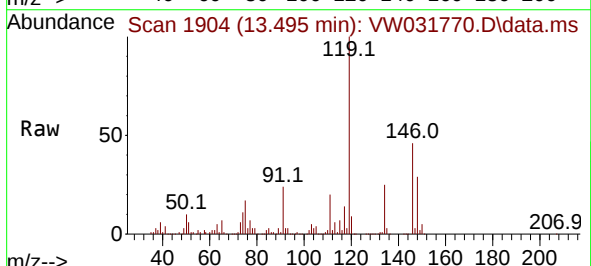
Tgt Ion:119 Resp: 232797

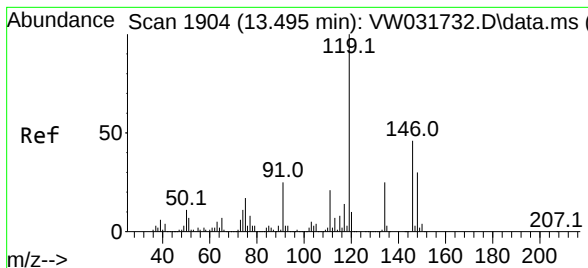
Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 25.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.901 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

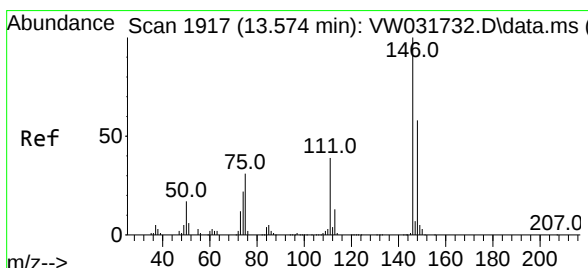
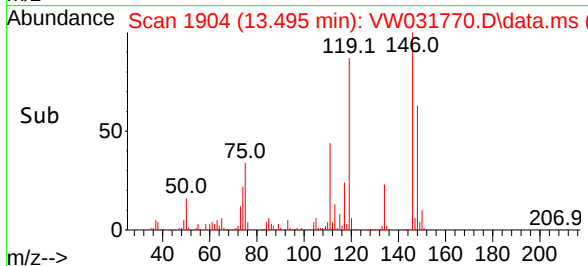
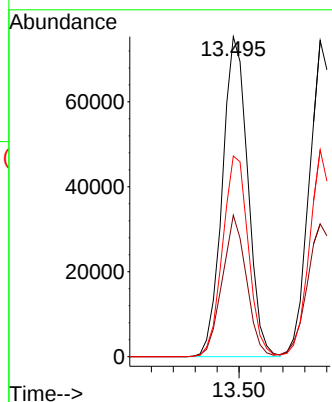
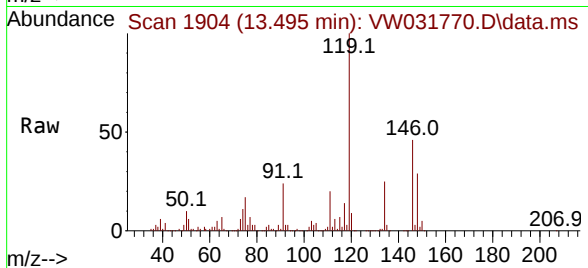
Tgt Ion:146 Resp: 121479

Ion Ratio Lower Upper

146 100

111 42.0 22.3 66.9

148 63.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.985 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

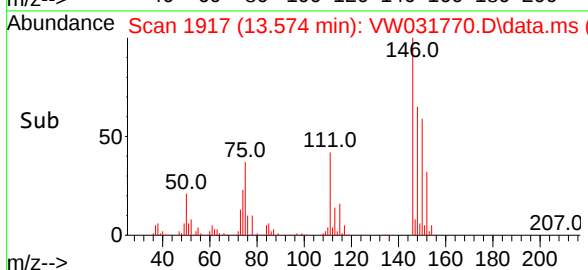
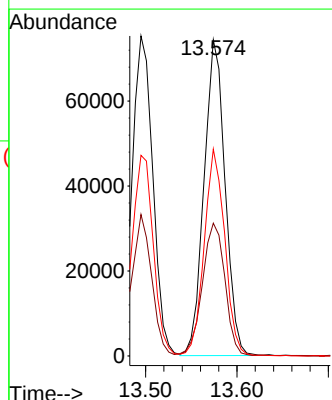
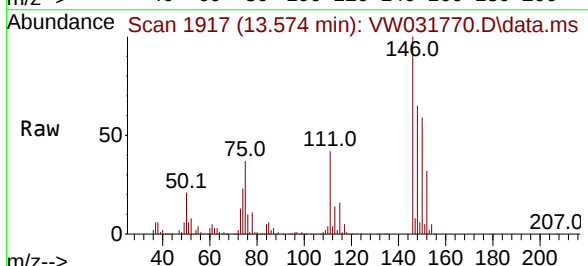
Tgt Ion:146 Resp: 118890

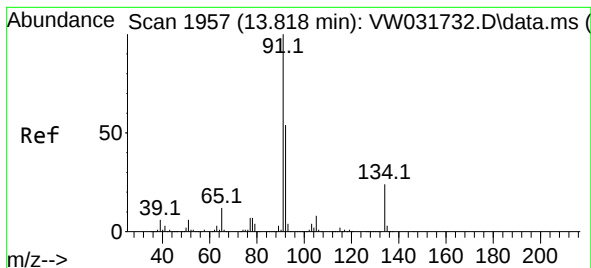
Ion Ratio Lower Upper

146 100

111 45.5 20.4 61.3

148 64.2 30.2 90.6





#89

n-Butylbenzene

Concen: 19.758 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

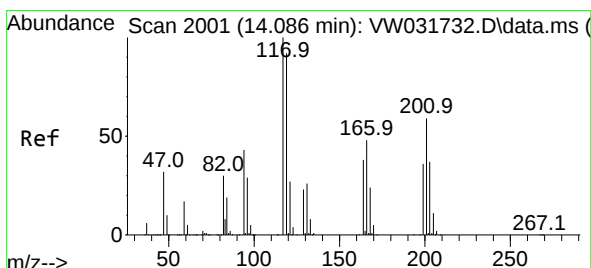
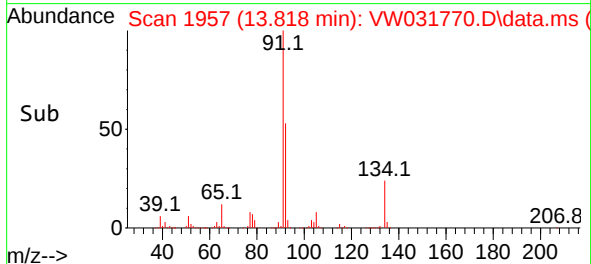
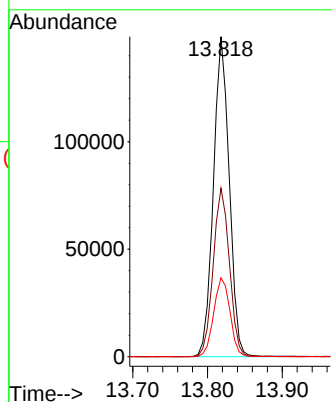
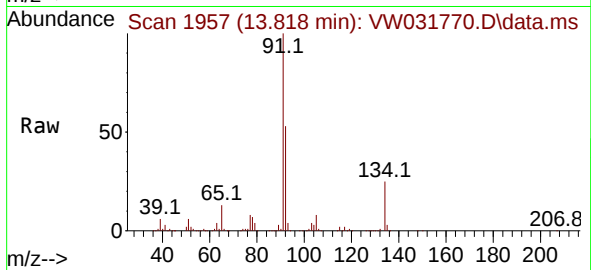
Tgt Ion: 91 Resp: 218788

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.5

134 25.4 12.2 36.6



#90

Hexachloroethane

Concen: 19.439 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031770.D

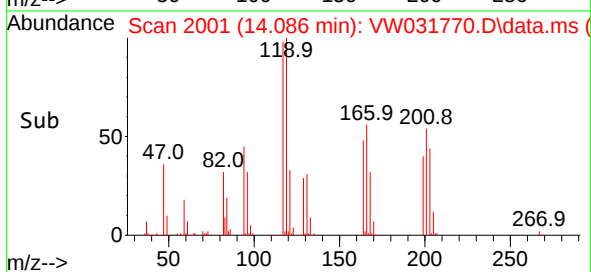
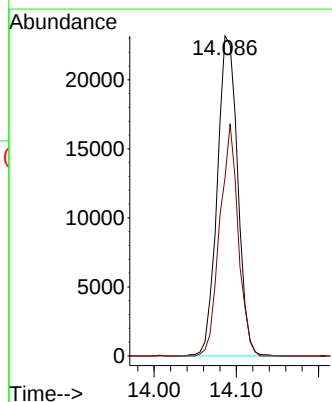
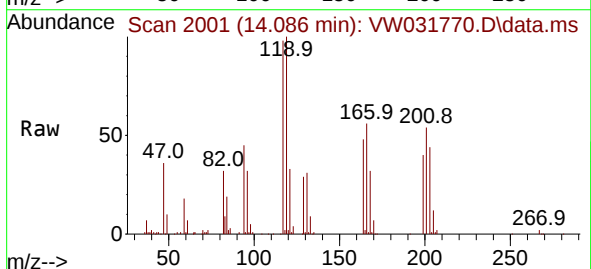
Acq: 09 Jul 2025 11:56

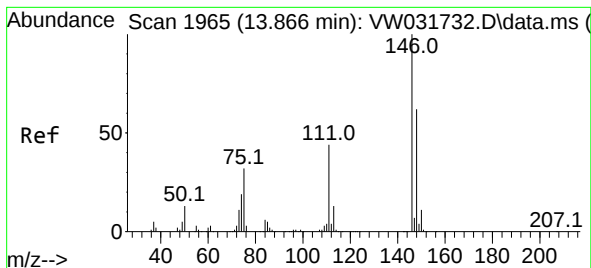
Tgt Ion: 117 Resp: 39970

Ion Ratio Lower Upper

117 100

201 65.5 31.1 93.3

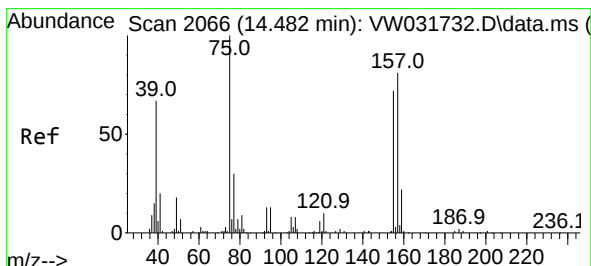
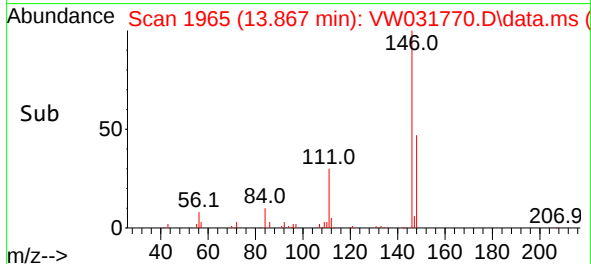
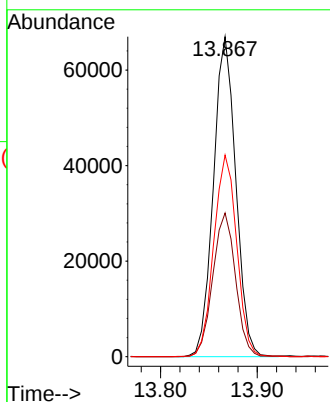
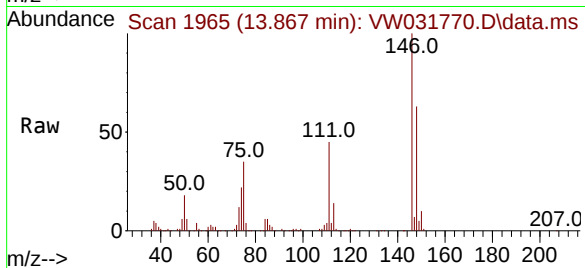




#91
1,2-Dichlorobenzene
Concen: 20.269 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

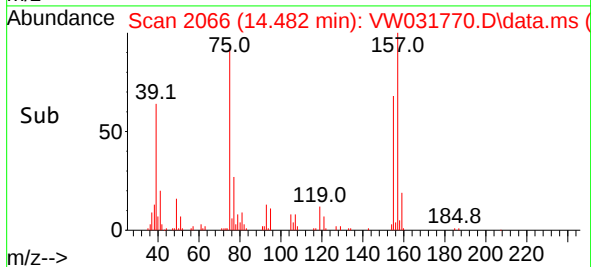
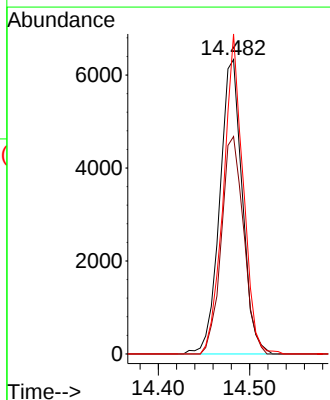
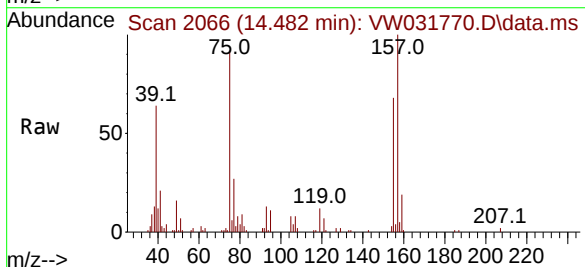
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

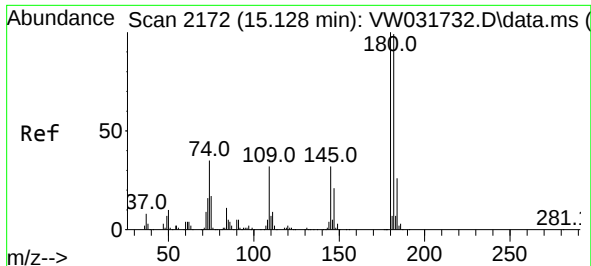
Tgt Ion:146 Resp: 107674
Ion Ratio Lower Upper
146 100
111 45.6 21.7 65.1
148 64.6 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.235 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion: 75 Resp: 10835
Ion Ratio Lower Upper
75 100
155 73.2 37.2 111.6
157 95.1 45.6 136.9

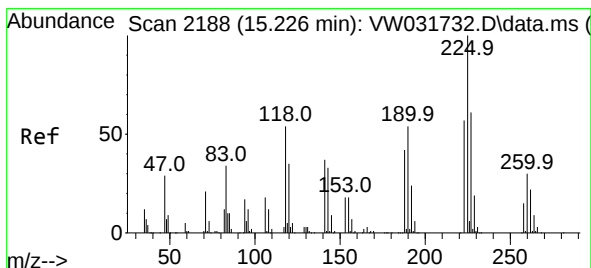
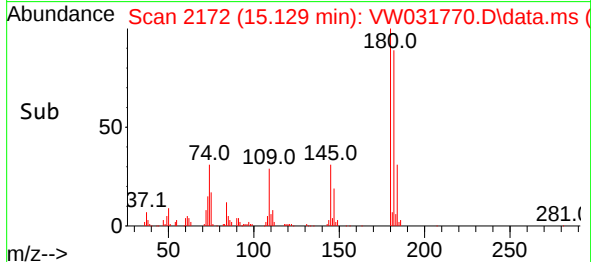
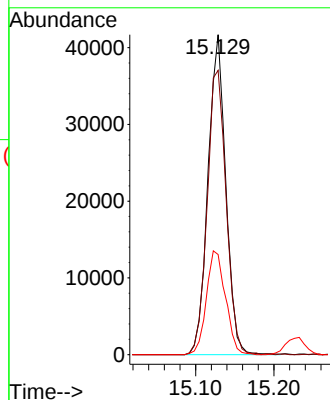
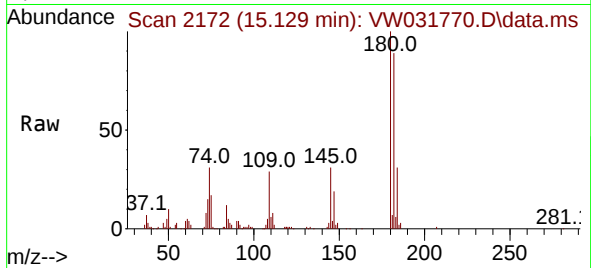




#93
1,2,4-Trichlorobenzene
Concen: 20.071 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

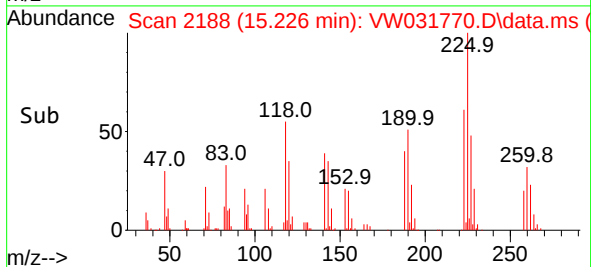
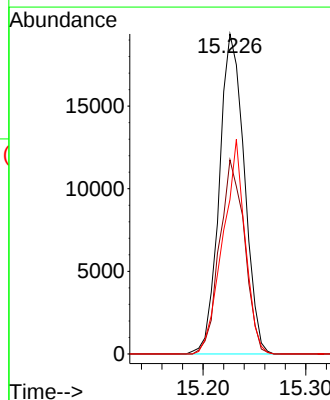
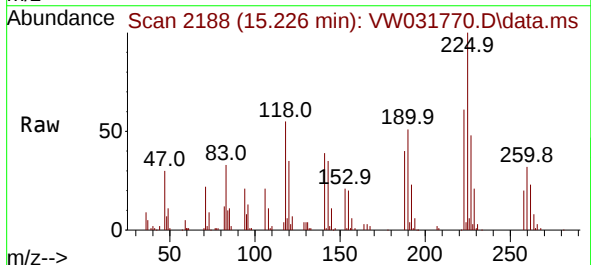
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

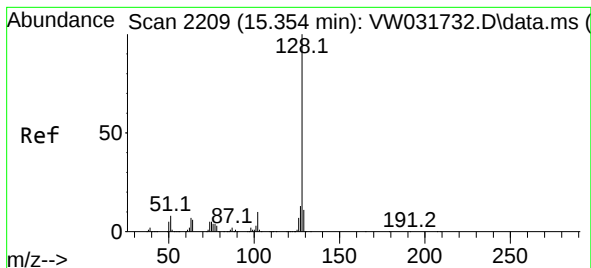
Tgt Ion:180 Resp: 65756
Ion Ratio Lower Upper
180 100
182 94.7 48.6 145.9
145 34.9 17.3 51.7



#94
Hexachlorobutadiene
Concen: 20.651 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031770.D
Acq: 09 Jul 2025 11:56

Tgt Ion:225 Resp: 32670
Ion Ratio Lower Upper
225 100
223 60.7 32.6 97.8
227 59.8 37.3 111.8





#95

Naphthalene

Concen: 19.448 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

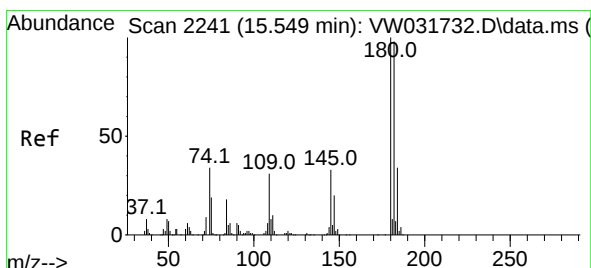
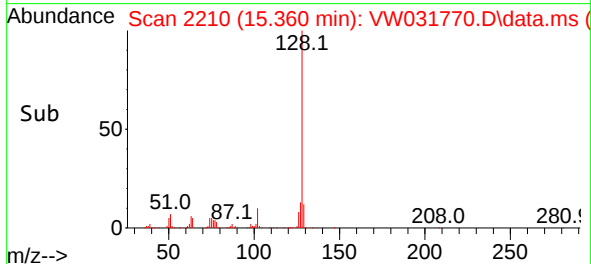
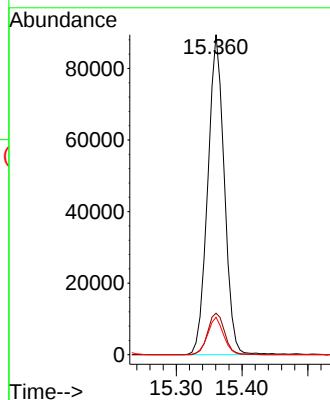
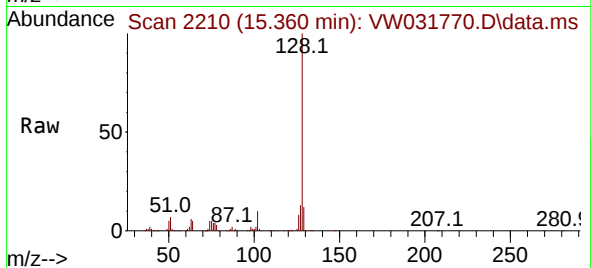
Tgt Ion:128 Resp: 156209

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.315 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031770.D

Acq: 09 Jul 2025 11:56

Tgt Ion:180 Resp: 61154

Ion Ratio Lower Upper

180 100

182 89.5 46.4 139.1

145 36.0 17.8 53.3

