

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031769.D
 Acq On : 09 Jul 2025 11:34
 Operator : SY/MD
 Sample : VW0709SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Quant Time: Jul 10 01:21:57 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	7.953	168	187242	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	349121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	314319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	151914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	157659	58.672	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 117.340%	
35) Dibromofluoromethane	7.898	113	131409	57.682	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 115.360%	
50) Toluene-d8	10.325	98	496546	58.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 117.140%	
62) 4-Bromofluorobenzene	12.617	95	185749	59.537	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 119.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	30498	23.916	ug/l	96
3) Chloromethane	2.253	50	35978	23.402	ug/l	99
4) Vinyl Chloride	2.405	62	48700	24.101	ug/l	99
5) Bromomethane	2.820	94	36692	23.248	ug/l	95
6) Chloroethane	2.972	64	31812	23.177	ug/l	97
7) Trichlorofluoromethane	3.308	101	38200	20.816	ug/l	96
8) Diethyl Ether	3.716	74	31449	22.553	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.106	101	48613	23.866	ug/l	99
10) Methyl Iodide	4.307	142	75344	23.994	ug/l	99
11) Tert butyl alcohol	5.210	59	18323	110.064	ug/l	100
12) 1,1-Dichloroethene	4.076	96	53098	23.799	ug/l	95
13) Acrolein	3.930	56	29510	98.626	ug/l	99
14) Allyl chloride	4.704	41	82449	24.085	ug/l	98
15) Acrylonitrile	5.399	53	80530	117.436	ug/l	99
16) Acetone	4.161	43	83385	125.546	ug/l	99
17) Carbon Disulfide	4.417	76	135975	22.775	ug/l	96
18) Methyl Acetate	4.704	43	43845	23.098	ug/l	97
19) Methyl tert-butyl Ether	5.454	73	92455	24.415	ug/l	99
20) Methylene Chloride	4.948	84	97436	35.217	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	57363	24.197	ug/l	94
22) Diisopropyl ether	6.338	45	165350	24.767	ug/l	98
23) Vinyl Acetate	6.283	43	549082	120.408	ug/l	100
24) 1,1-Dichloroethane	6.240	63	104474	24.137	ug/l	98
25) 2-Butanone	7.191	43	110170	127.500	ug/l	98
26) 2,2-Dichloropropane	7.185	77	60170	23.826	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	67561	24.792	ug/l	96
28) Bromochloromethane	7.533	49	46456	24.322	ug/l	97
29) Tetrahydrofuran	7.551	42	70227	118.678	ug/l	100
30) Chloroform	7.691	83	111822	24.313	ug/l	99
31) Cyclohexane	7.971	56	91035	23.793	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	87206	24.604	ug/l	98
36) 1,1-Dichloropropene	8.093	75	76173	23.106	ug/l	99
37) Ethyl Acetate	7.270	43	46884	22.545	ug/l	100
38) Carbon Tetrachloride	8.081	117	76985	22.917	ug/l	98
39) Methylcyclohexane	9.343	83	93966	22.910	ug/l	98
40) Benzene	8.337	78	232923	23.881	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	26974	24.213	ug/l	98
42) 1,2-Dichloroethane	8.410	62	77120	23.401	ug/l	99
43) Isopropyl Acetate	8.435	43	81994	22.873	ug/l	100
44) Trichloroethene	9.105	130	55229	22.687	ug/l	99
45) 1,2-Dichloropropane	9.374	63	55481	23.536	ug/l	99
46) Dibromomethane	9.465	93	35952	23.624	ug/l	99
47) Bromodichloromethane	9.648	83	83273	23.334	ug/l	97
48) Methyl methacrylate	9.441	41	38856	22.044	ug/l	96
49) 1,4-Dioxane	9.459	88	5996	336.398	ug/l #	88
51) 4-Methyl-2-Pentanone	10.209	43	239822	116.368	ug/l	100
52) Toluene	10.392	92	150402	24.085	ug/l	95
53) t-1,3-Dichloropropene	10.605	75	78296	23.383	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	89225	23.506	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	47232	23.693	ug/l	95
56) Ethyl methacrylate	10.648	69	62538	23.123	ug/l	99
57) 1,3-Dichloropropane	10.934	76	82201	23.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	176870	118.765	ug/l	98
59) 2-Hexanone	10.971	43	167142	119.682	ug/l	100
60) Dibromochloromethane	11.129	129	53191	22.313	ug/l	98
61) 1,2-Dibromoethane	11.239	107	47574	23.839	ug/l	98
64) Tetrachloroethene	10.861	164	48674	23.674	ug/l	94
65) Chlorobenzene	11.654	112	164803	23.764	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	51472	23.291	ug/l	99
67) Ethyl Benzene	11.727	91	277629	23.087	ug/l	98
68) m/p-Xylenes	11.837	106	216535	46.841	ug/l	99
69) o-Xylene	12.160	106	101509	23.716	ug/l	95
70) Styrene	12.178	104	177024	23.924	ug/l	99
71) Bromoform	12.349	173	31267	23.717	ug/l #	97
73) Isopropylbenzene	12.458	105	262586	22.724	ug/l	100
74) N-amyl acetate	12.269	43	69133	22.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	59697	23.270	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	76805	39.123	ug/l	41
77) Bromobenzene	12.745	156	60417	23.442	ug/l	89
78) n-propylbenzene	12.800	91	330089	23.855	ug/l	99
79) 2-Chlorotoluene	12.891	91	196008	23.523	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	227770	23.813	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	17996	21.351	ug/l	95
82) 4-Chlorotoluene	12.983	91	203312	23.241	ug/l	99
83) tert-Butylbenzene	13.202	119	192492	23.494	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	226061	23.326	ug/l	99
85) sec-Butylbenzene	13.379	105	292468	23.782	ug/l	100
86) p-Isopropyltoluene	13.495	119	237925	23.475	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	124488	24.086	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	123994	23.438	ug/l	96
89) n-Butylbenzene	13.818	91	226293	22.980	ug/l	100
90) Hexachloroethane	14.086	117	42163	23.059	ug/l	97
91) 1,2-Dichlorobenzene	13.861	146	114797	24.301	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10990	21.940	ug/l	97
93) 1,2,4-Trichlorobenzene	15.123	180	70459	24.185	ug/l	96
94) Hexachlorobutadiene	15.220	225	33007	23.462	ug/l	89
95) Naphthalene	15.360	128	158962	22.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	62603	23.386	ug/l	99

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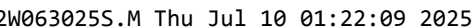
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

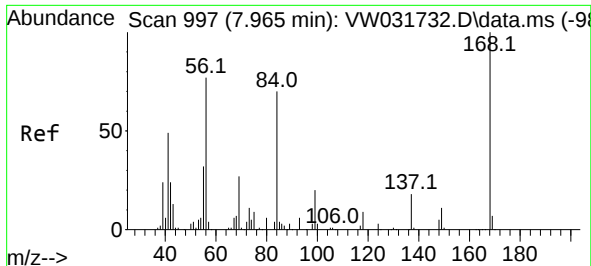
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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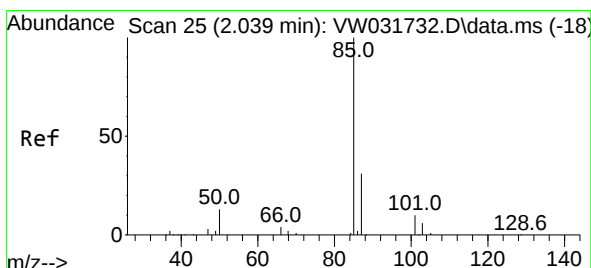
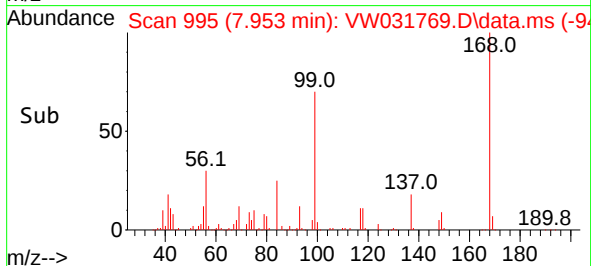
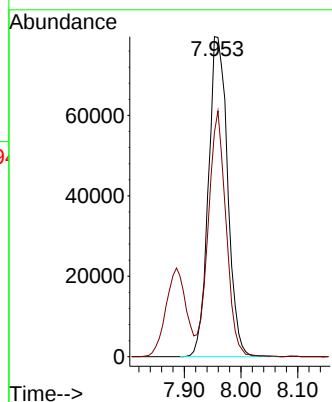
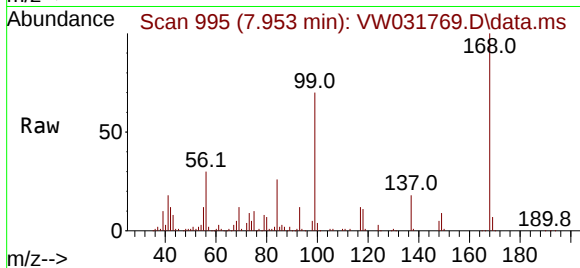




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW031769.D
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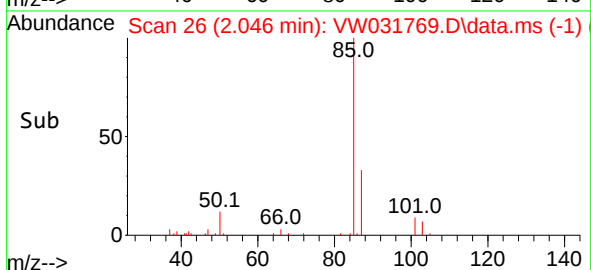
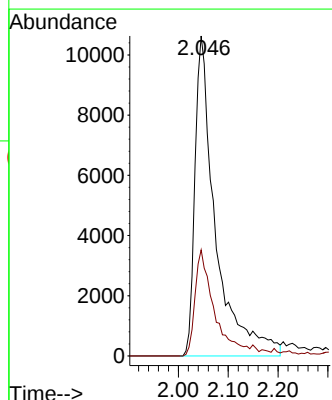
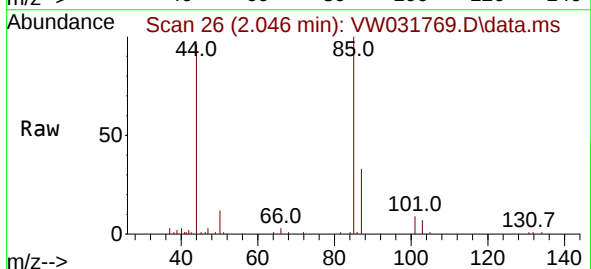
Instrument :
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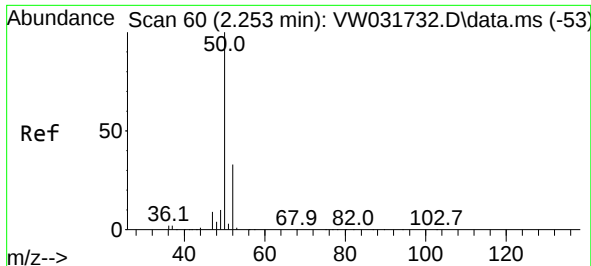
Tgt Ion:168 Resp: 187242
Ion Ratio Lower Upper
168 100
99 70.2 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 23.916 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 85 Resp: 30498
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.2

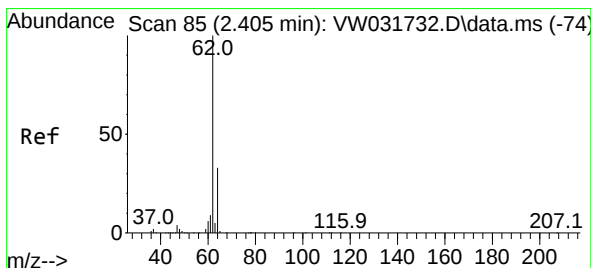
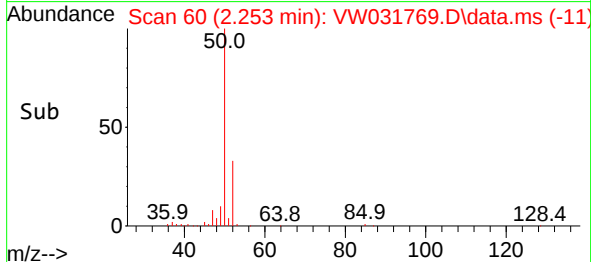
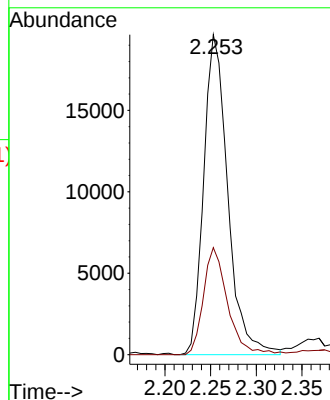
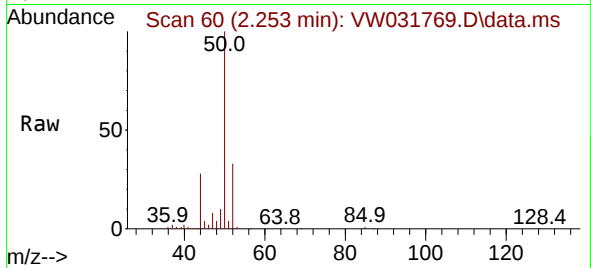




#3
Chloromethane
Concen: 23.402 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

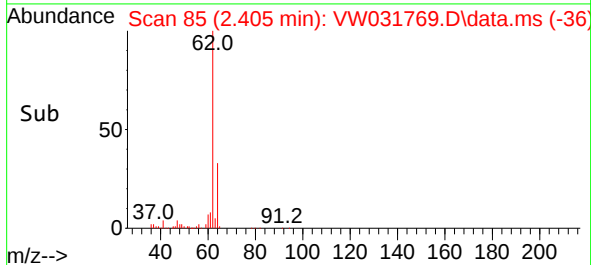
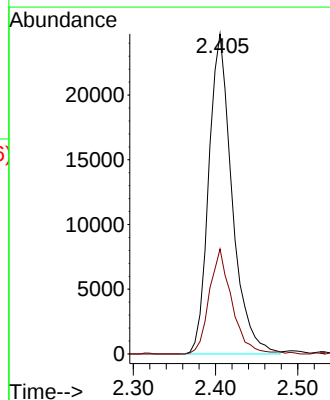
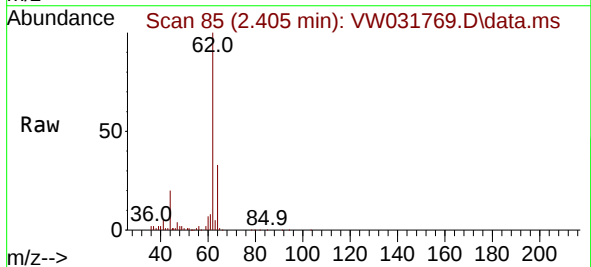
Instrument :
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ClientSampleId :
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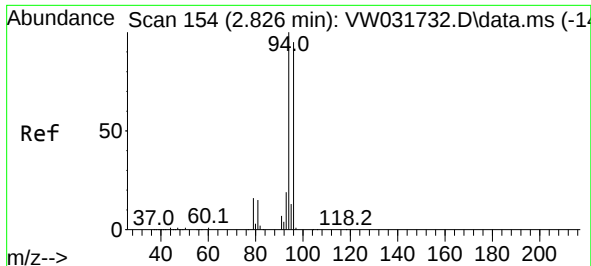
Tgt Ion: 50 Resp: 35978
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 24.101 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 62 Resp: 48700
Ion Ratio Lower Upper
62 100
64 32.8 26.8 40.2

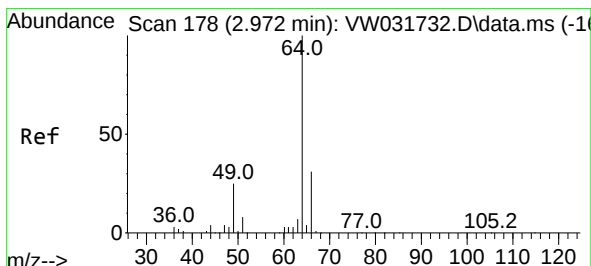
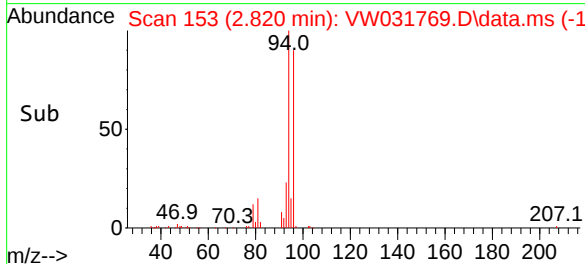
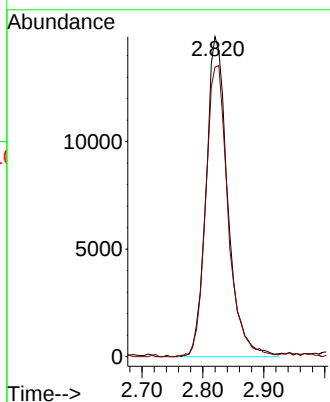
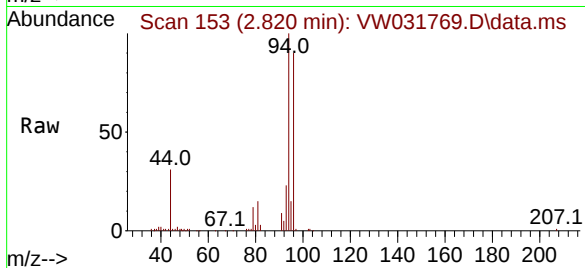




#5
Bromomethane
Concen: 23.248 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

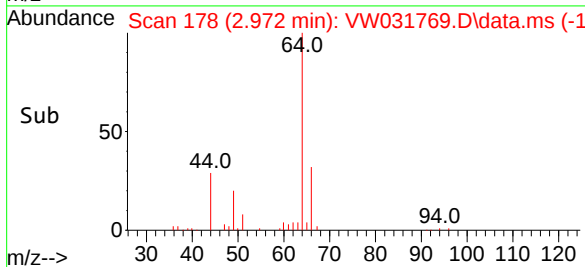
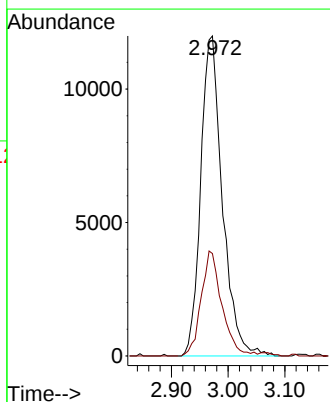
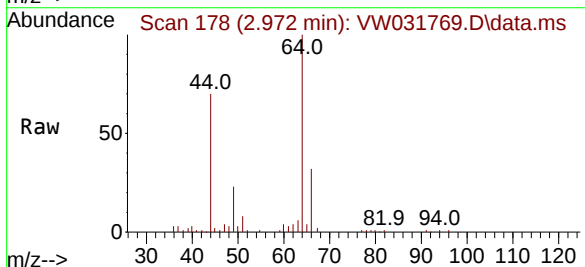
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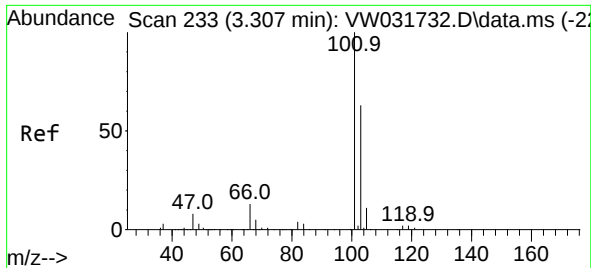
Tgt Ion: 94 Resp: 36692
Ion Ratio Lower Upper
94 100
96 90.1 75.6 113.4



#6
Chloroethane
Concen: 23.177 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 64 Resp: 31812
Ion Ratio Lower Upper
64 100
66 32.0 24.5 36.7

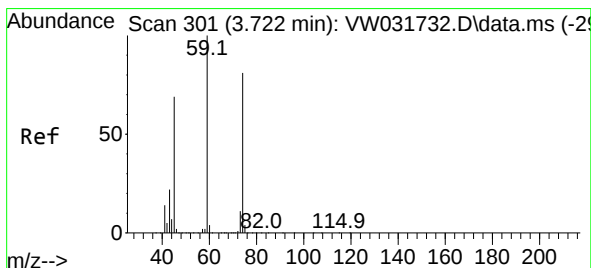
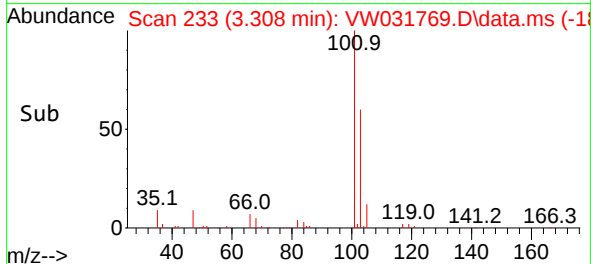
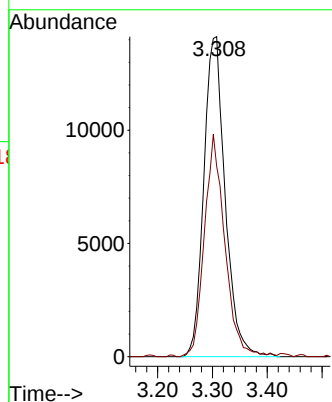
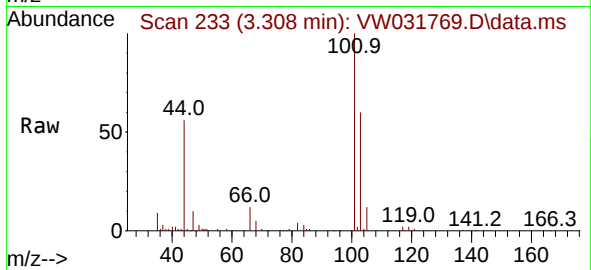




#7
 Trichlorofluoromethane
 Concen: 20.816 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

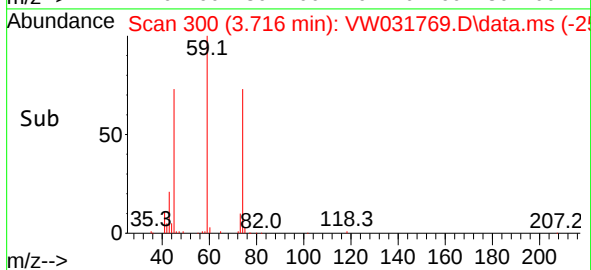
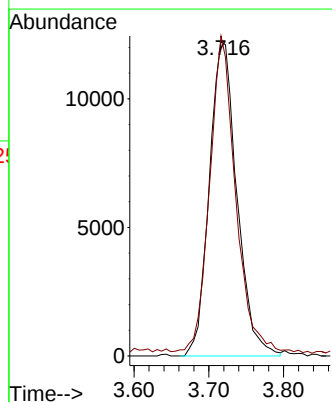
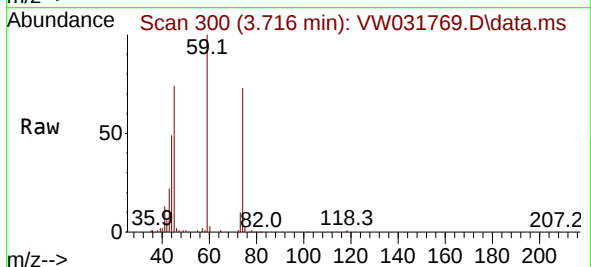
Instrument :
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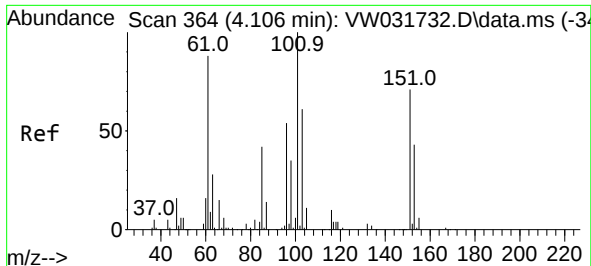
Tgt Ion:101 Resp: 38200
 Ion Ratio Lower Upper
 101 100
 103 59.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 22.553 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW031769.D
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Tgt Ion: 74 Resp: 31449
 Ion Ratio Lower Upper
 74 100
 45 95.5 43.9 131.7

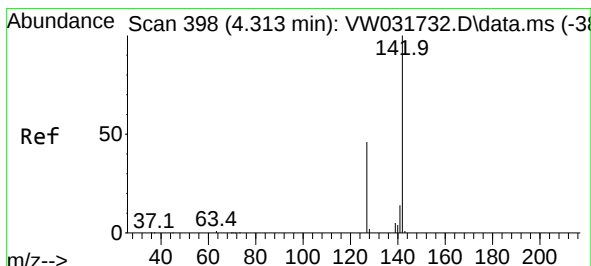
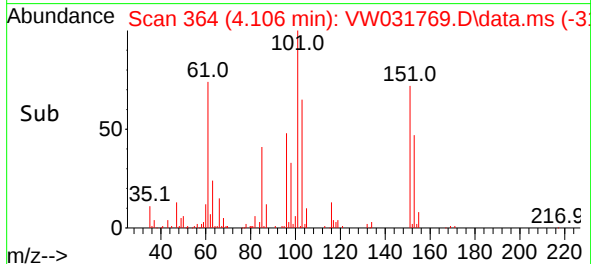
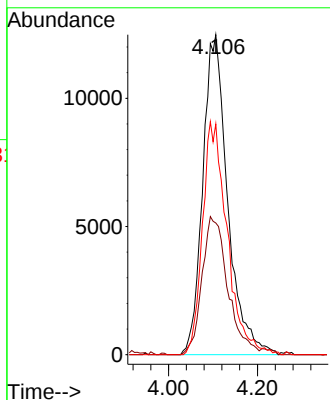
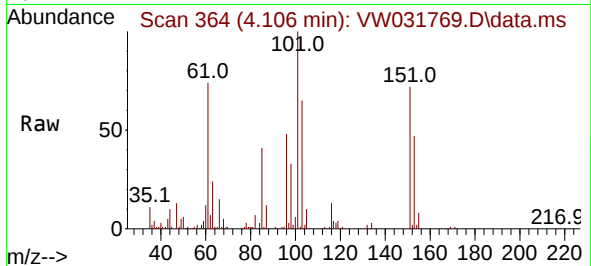




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.866 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

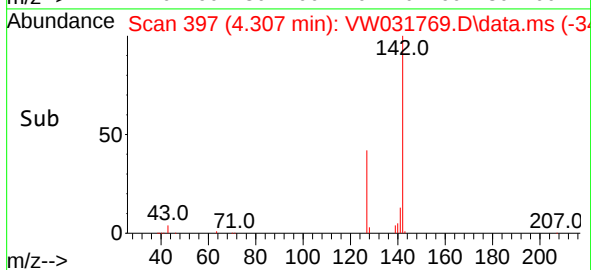
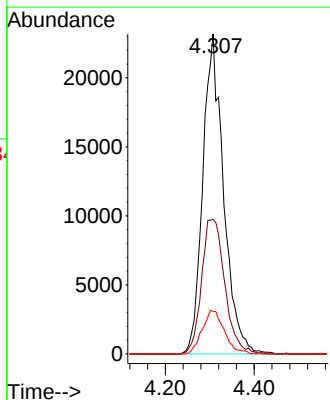
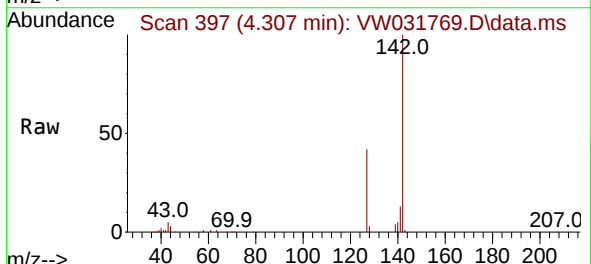
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

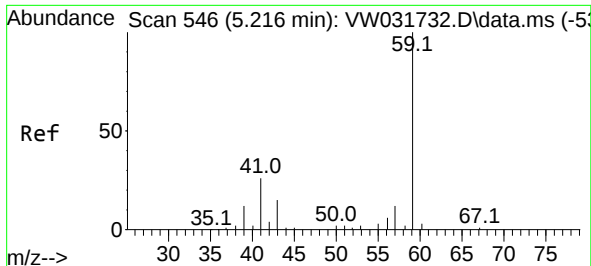
Tgt Ion:101 Resp: 48613
Ion Ratio Lower Upper
101 100
85 44.6 35.6 53.4
151 72.4 56.8 85.2



#10
Methyl Iodide
Concen: 23.994 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion:142 Resp: 75344
Ion Ratio Lower Upper
142 100
127 46.9 37.9 56.9
141 14.6 11.7 17.5

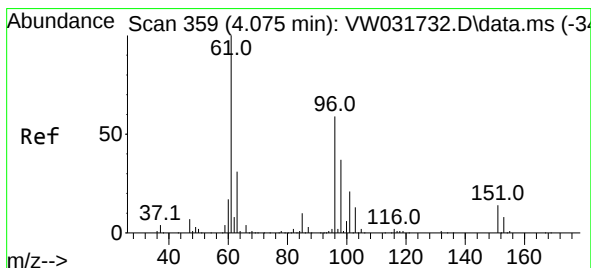
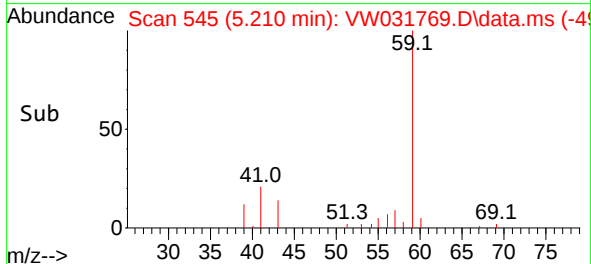
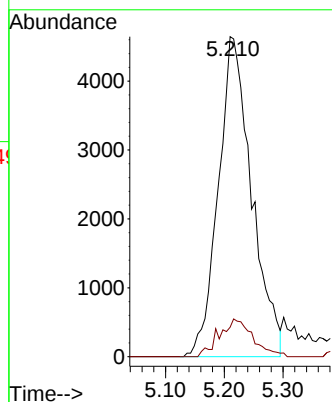
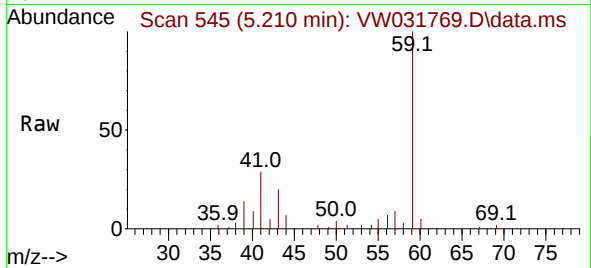




#11
Tert butyl alcohol
Concen: 110.064 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

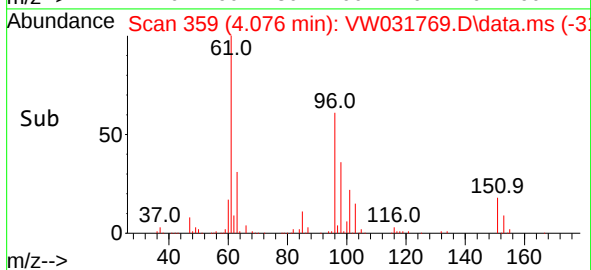
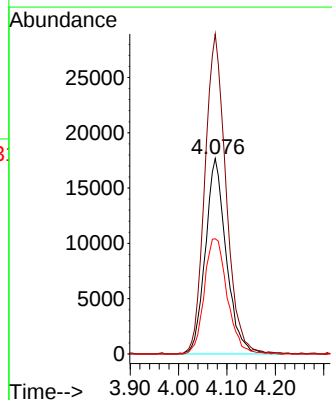
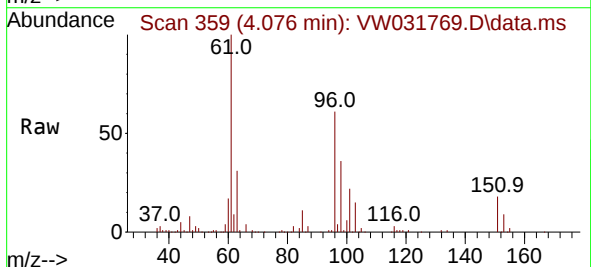
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

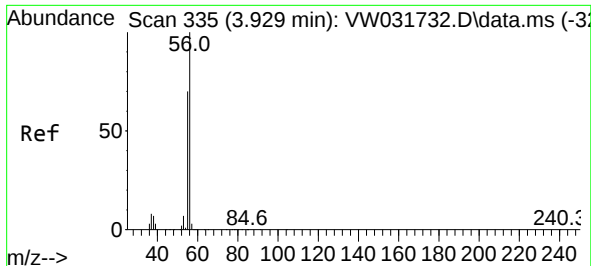
Tgt Ion: 59 Resp: 18323
Ion Ratio Lower Upper
59 100
57 11.9 9.5 14.3



#12
1,1-Dichloroethene
Concen: 23.799 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 96 Resp: 53098
Ion Ratio Lower Upper
96 100
61 163.3 135.8 203.8
98 59.0 50.4 75.6

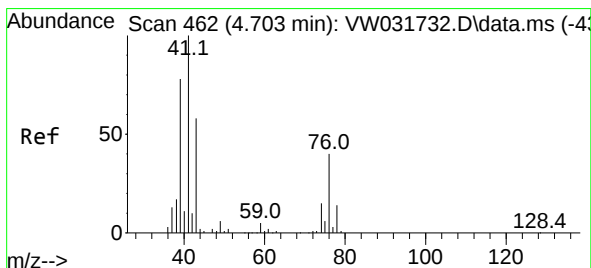
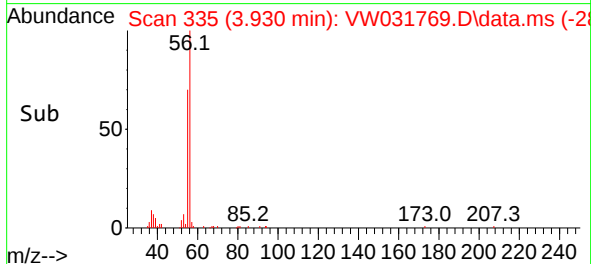
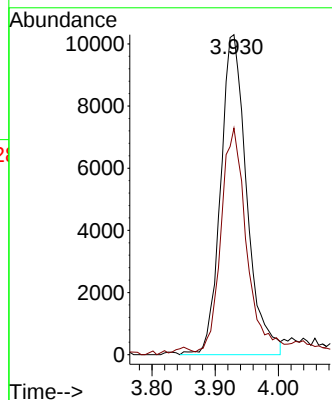
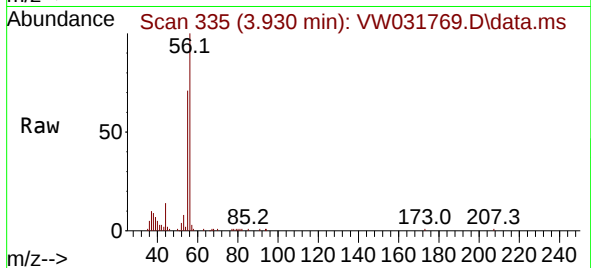




#13
Acrolein
Concen: 98.626 ug/l
RT: 3.930 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

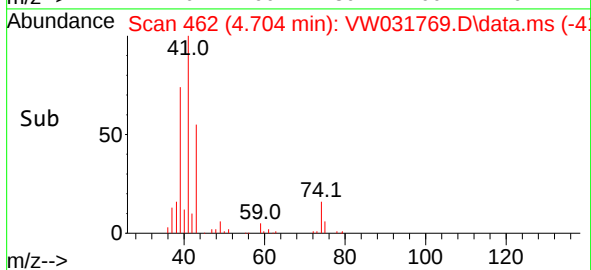
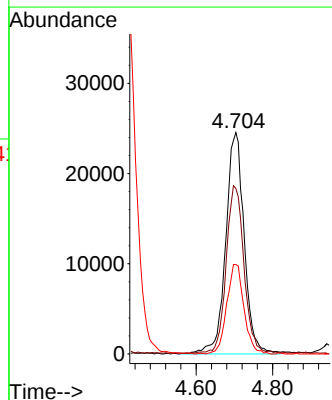
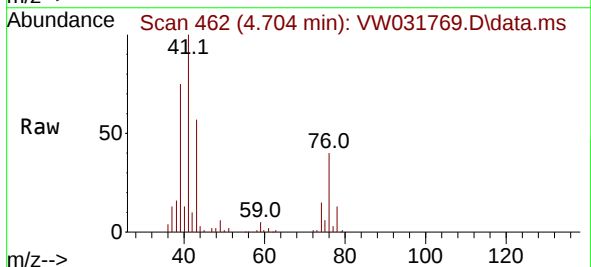
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tgt Ion: 56 Resp: 29510
Ion Ratio Lower Upper
56 100
55 68.0 54.0 81.0



#14
Allyl chloride
Concen: 24.085 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 41 Resp: 82449
Ion Ratio Lower Upper
41 100
39 73.0 60.7 91.1
76 37.6 30.3 45.5

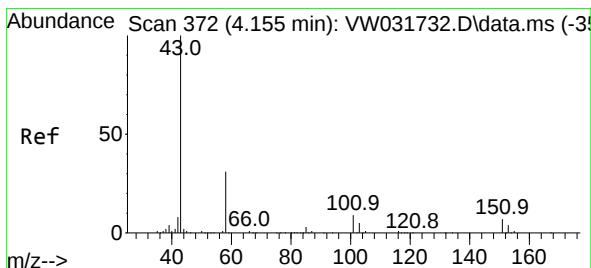
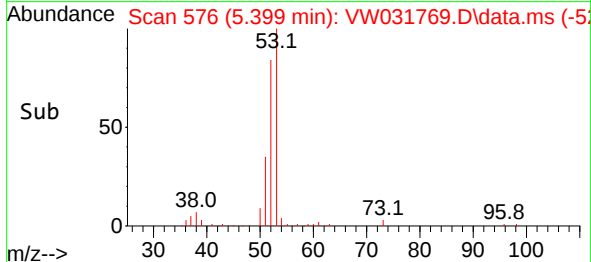
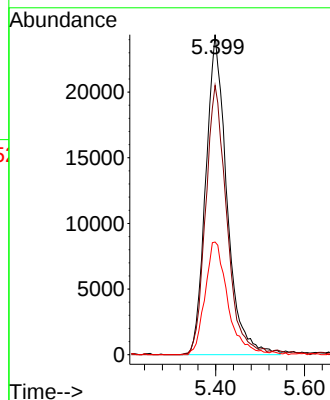
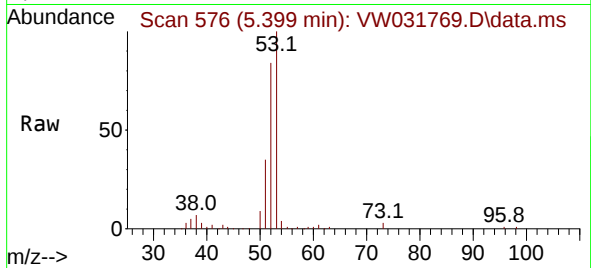




#15
Acrylonitrile
Concen: 117.436 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

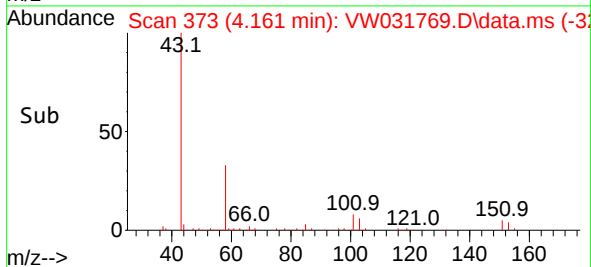
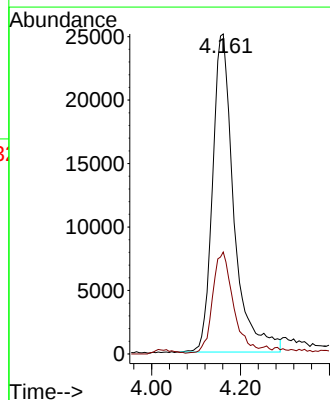
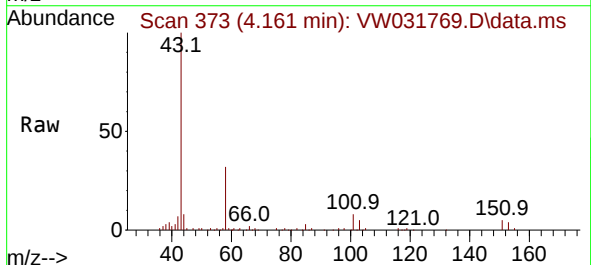
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

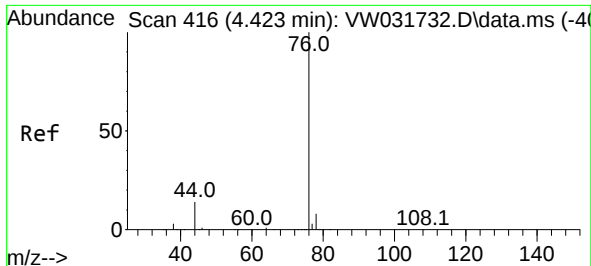
Tgt Ion: 53 Resp: 80530
Ion Ratio Lower Upper
53 100
52 84.1 66.4 99.6
51 37.8 29.9 44.9



#16
Acetone
Concen: 125.546 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 43 Resp: 83385
Ion Ratio Lower Upper
43 100
58 31.6 24.8 37.2

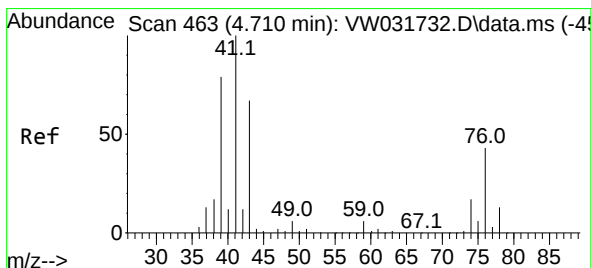
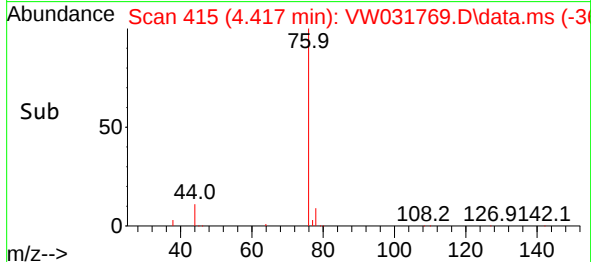
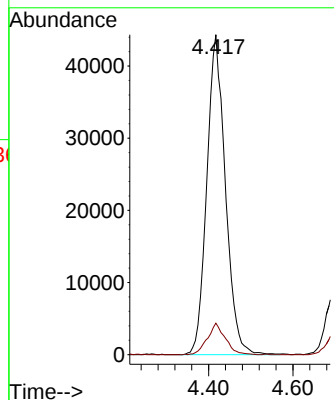
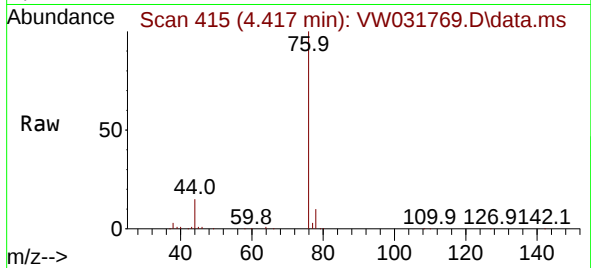




#17
Carbon Disulfide
Concen: 22.775 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

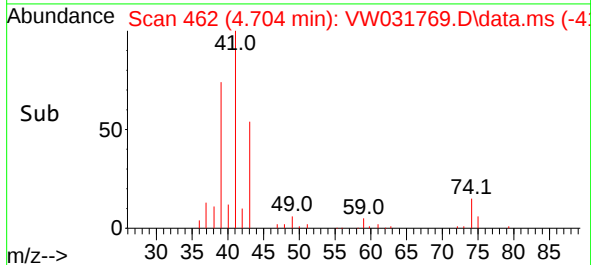
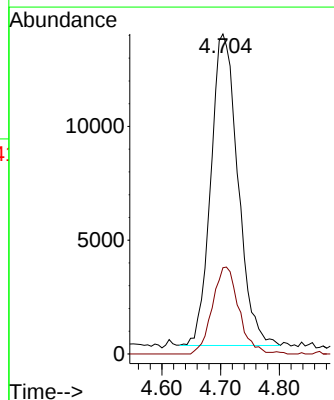
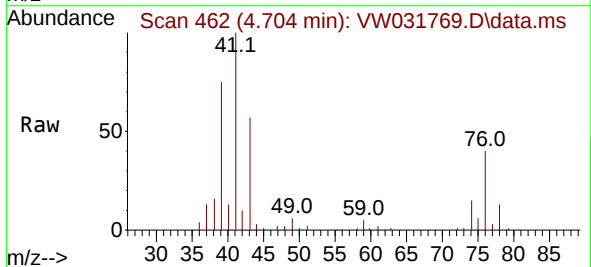
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

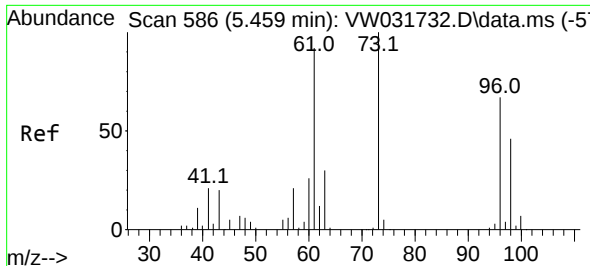
Tgt Ion: 76 Resp: 135975
Ion Ratio Lower Upper
76 100
78 9.8 6.6 10.0



#18
Methyl Acetate
Concen: 23.098 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 43 Resp: 43845
Ion Ratio Lower Upper
43 100
74 27.1 20.6 30.8

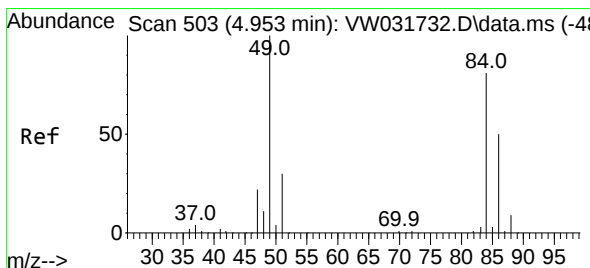
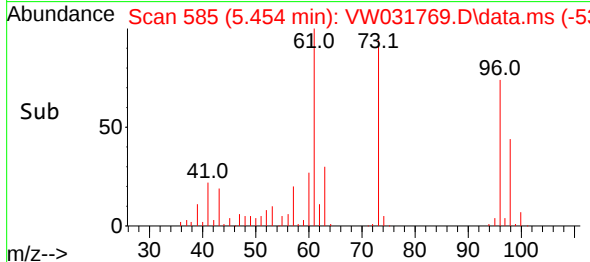
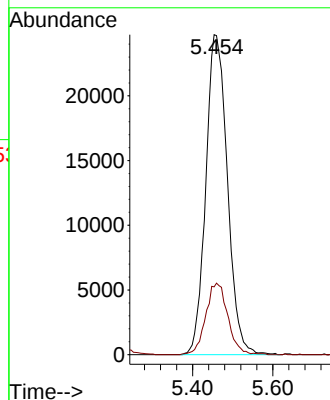
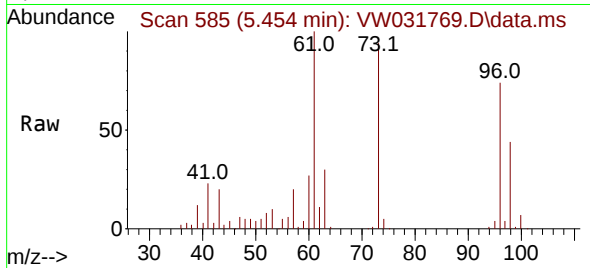




#19
Methyl tert-butyl Ether
Concen: 24.415 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

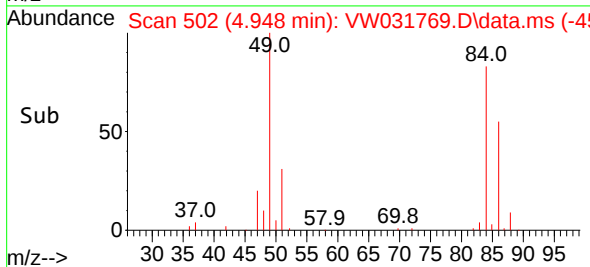
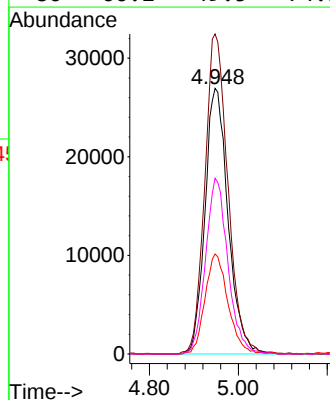
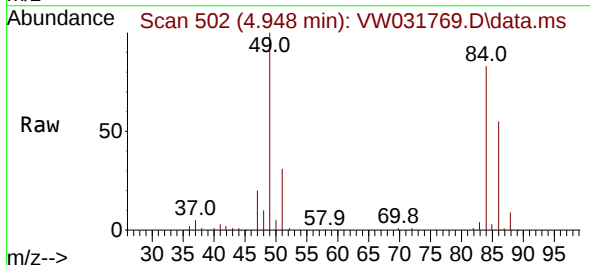
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

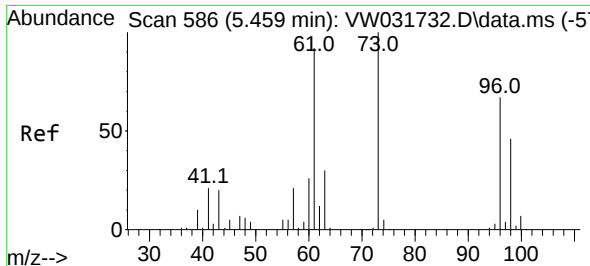
Tgt Ion: 73 Resp: 92455
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8



#20
Methylene Chloride
Concen: 35.217 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 84 Resp: 97436
Ion Ratio Lower Upper
84 100
49 120.2 98.2 147.4
51 37.7 29.8 44.8
86 66.2 49.5 74.3

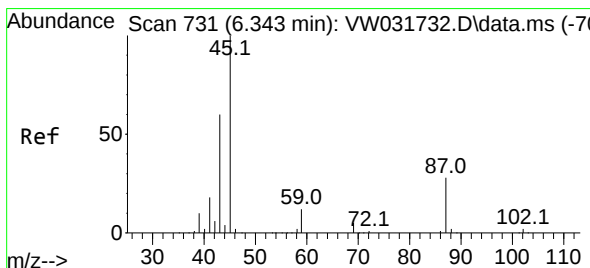
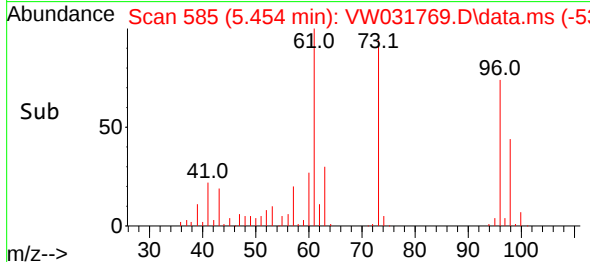
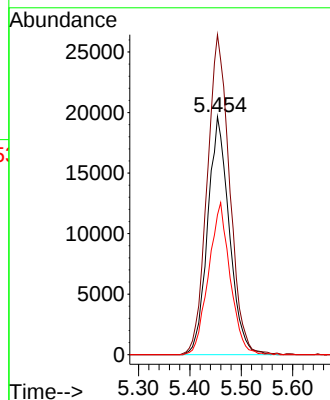
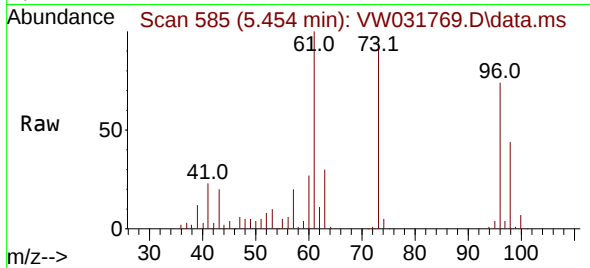




#21
trans-1,2-Dichloroethene
Concen: 24.197 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

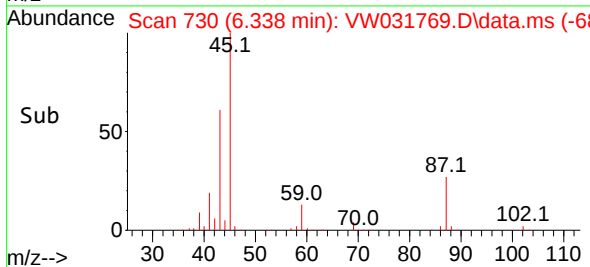
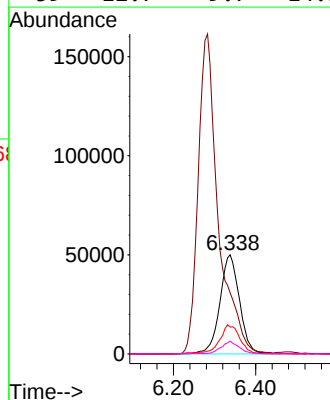
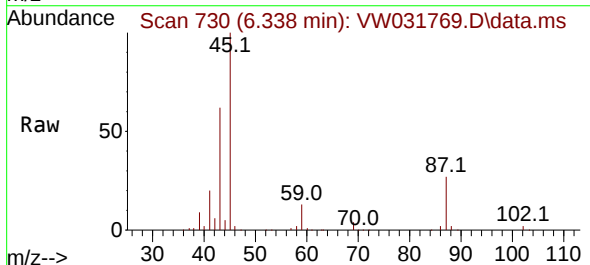
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tgt Ion: 96 Resp: 57363
Ion Ratio Lower Upper
96 100
61 134.5 109.8 164.6
98 58.8 54.9 82.3



#22
Diisopropyl ether
Concen: 24.767 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 45 Resp: 165350
Ion Ratio Lower Upper
45 100
43 61.3 48.3 72.5
87 27.0 22.6 34.0
59 12.7 9.7 14.5

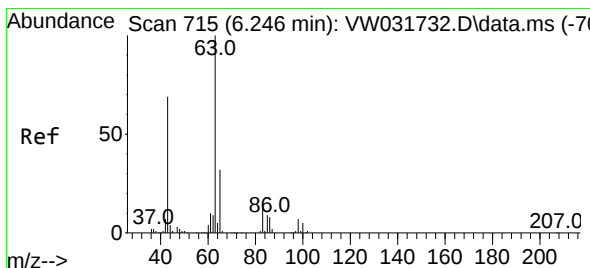
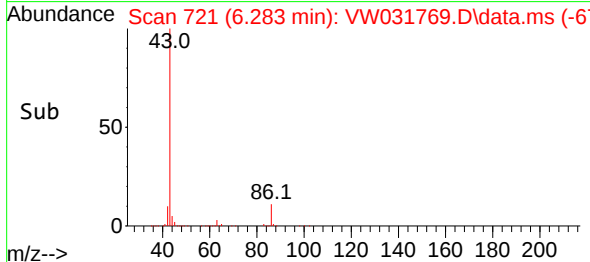
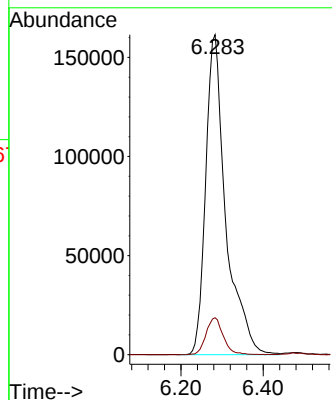
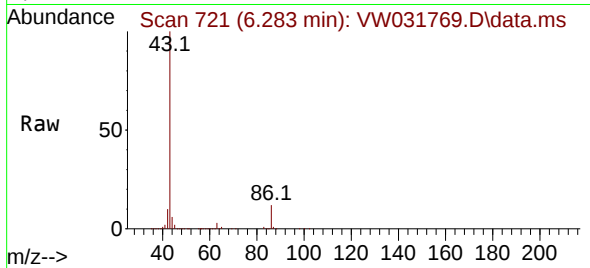




#23
 Vinyl Acetate
 Concen: 120.408 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

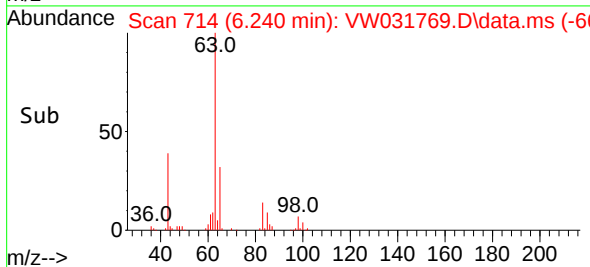
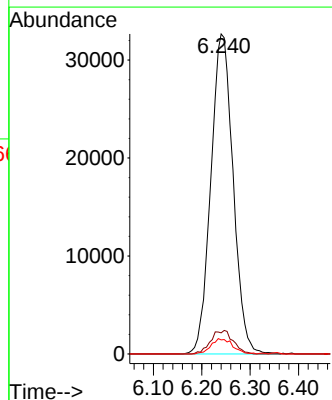
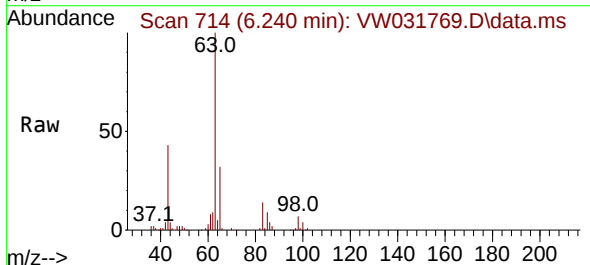
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tgt Ion: 43 Resp: 549082
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 24.137 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

Tgt Ion: 63 Resp: 104474
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 127.500 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

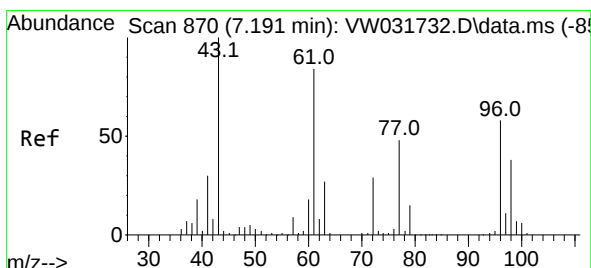
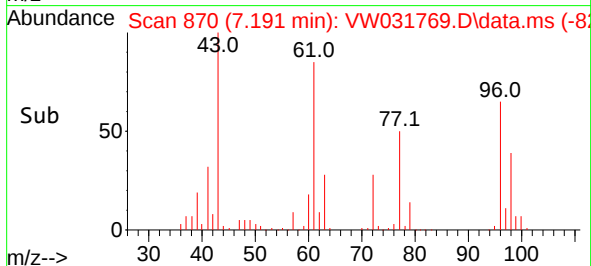
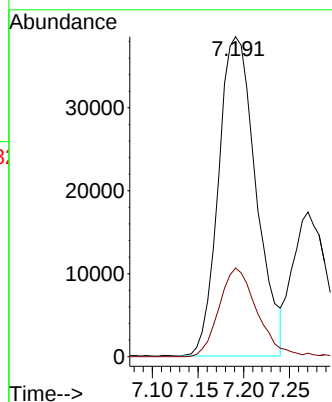
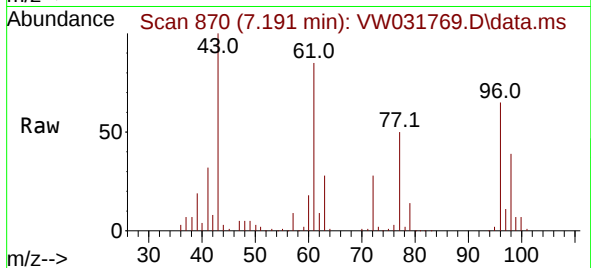
VW0709SBS01

Tgt Ion: 43 Resp: 110170

Ion Ratio Lower Upper

43 100

72 27.7 23.0 34.6



#26

2,2-Dichloropropane

Concen: 23.826 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031769.D

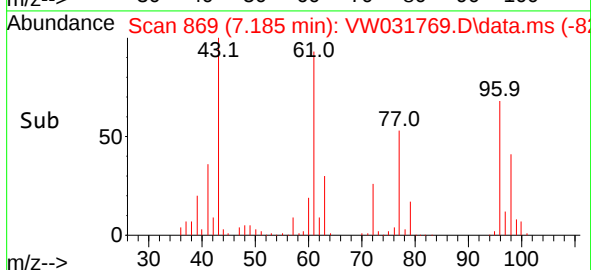
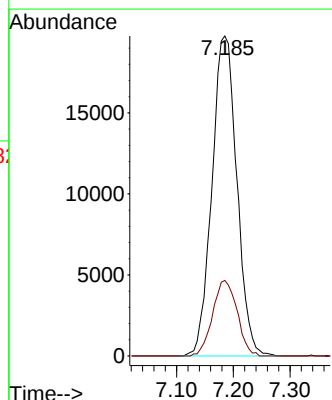
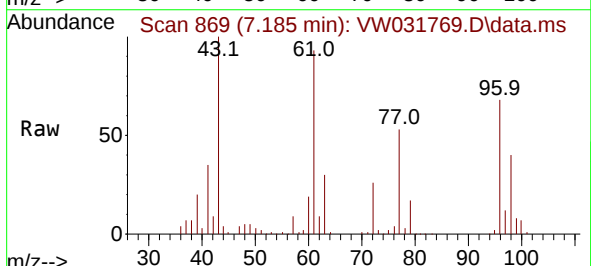
Acq: 09 Jul 2025 11:34

Tgt Ion: 77 Resp: 60170

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 24.792 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

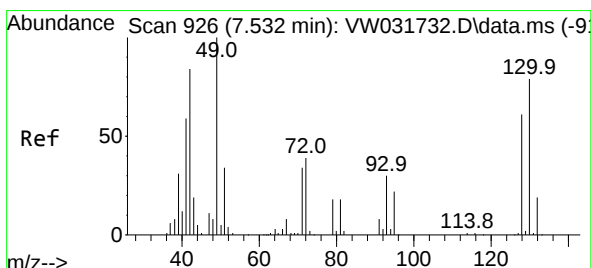
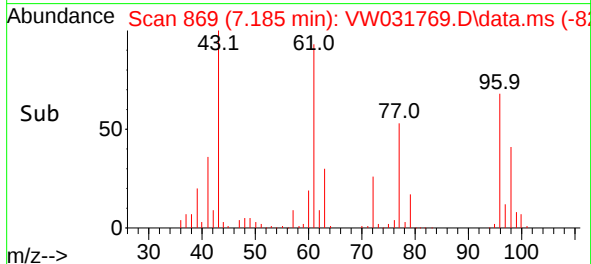
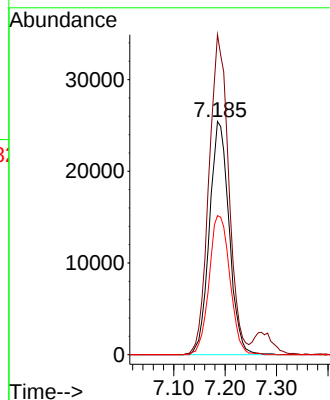
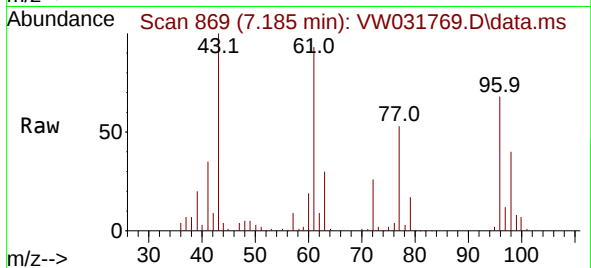
Tgt Ion: 96 Resp: 67561

Ion Ratio Lower Upper

96 100

61 138.1 0.0 286.8

98 62.9 0.0 130.4



#28

Bromochloromethane

Concen: 24.322 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

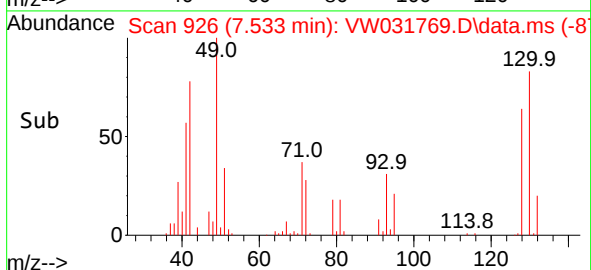
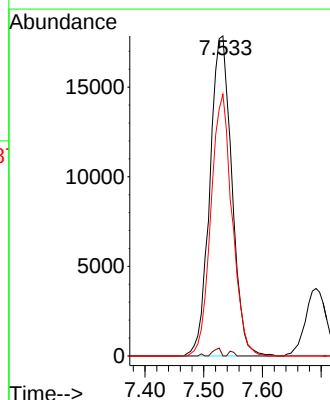
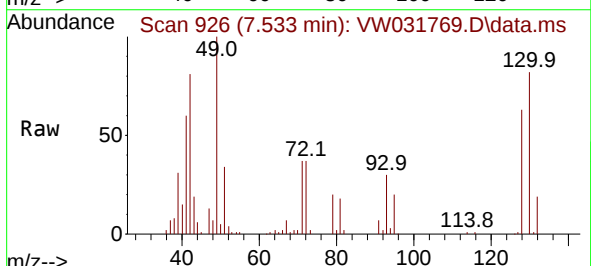
Tgt Ion: 49 Resp: 46456

Ion Ratio Lower Upper

49 100

129 0.8 0.0 2.4

130 79.0 61.3 91.9

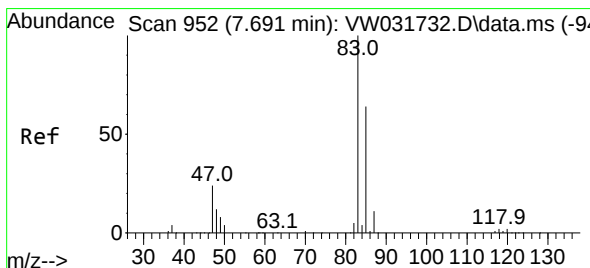
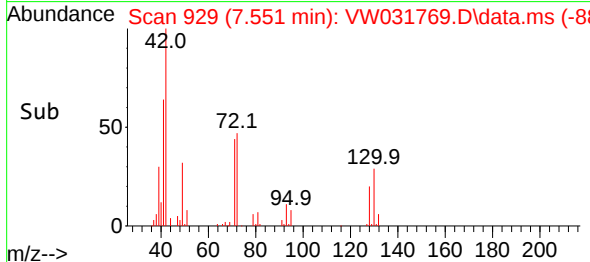
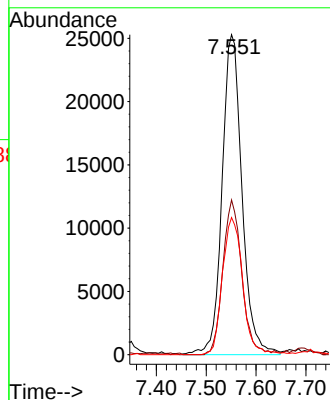
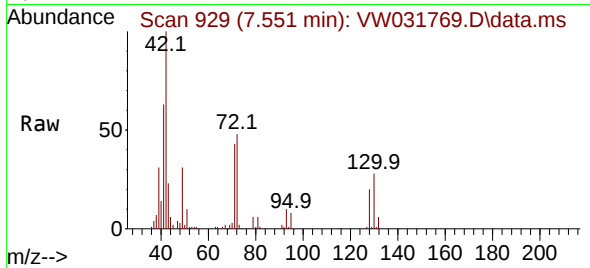




#29
Tetrahydrofuran
Concen: 118.678 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

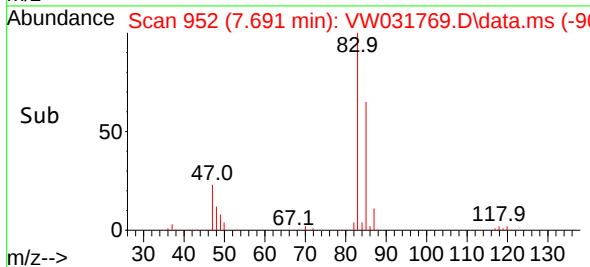
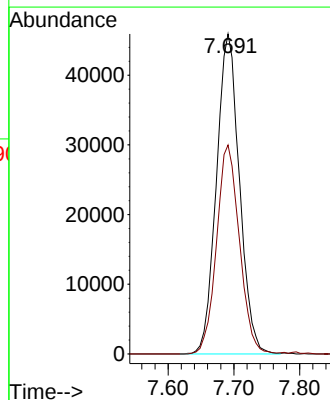
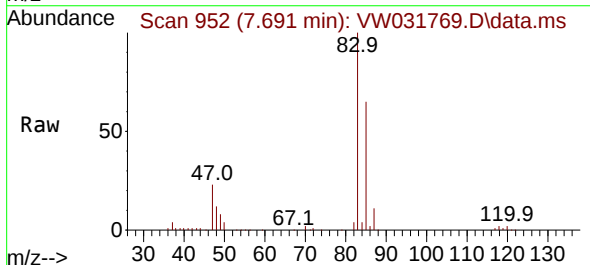
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

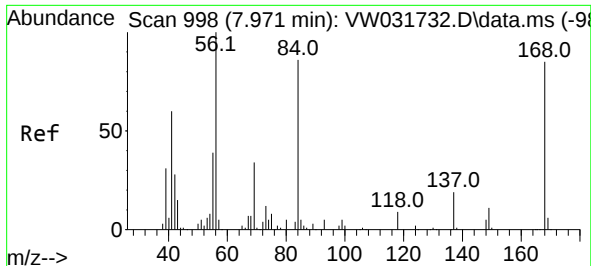
Tgt Ion:	42	Resp:	70227
Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.8	55.2
71	43.6	34.6	52.0



#30
Chloroform
Concen: 24.313 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion:	83	Resp:	111822
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.0

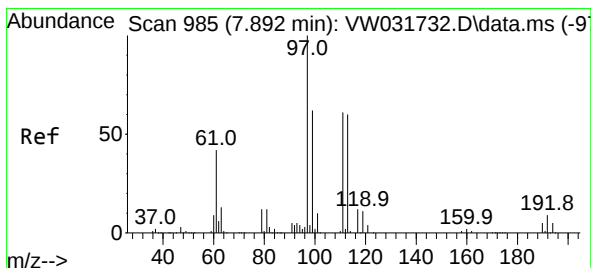
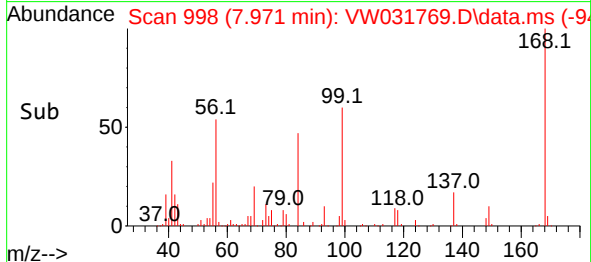
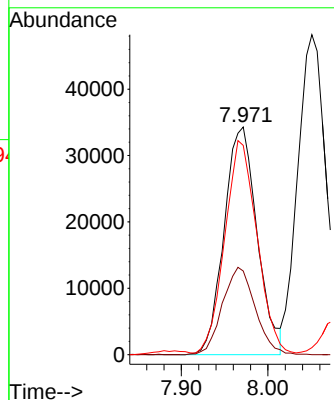
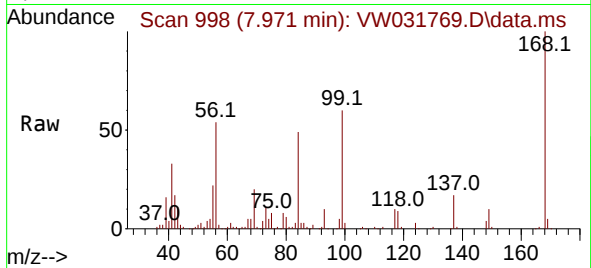




#31
Cyclohexane
Concen: 23.793 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

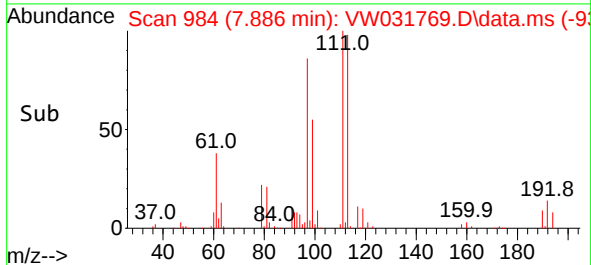
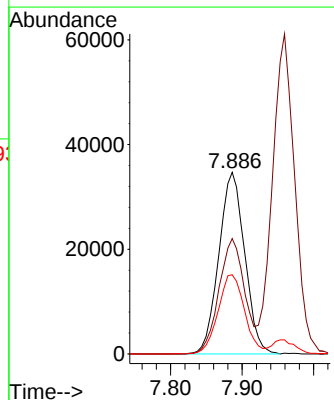
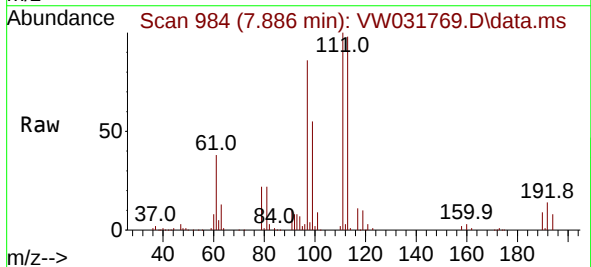
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

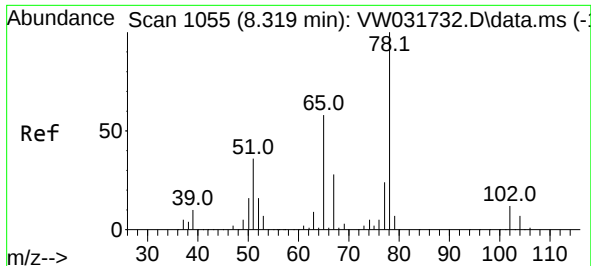
Tgt Ion: 56 Resp: 91035
Ion Ratio Lower Upper
56 100
69 36.8 27.2 40.8
84 90.5 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 24.604 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 97 Resp: 87206
Ion Ratio Lower Upper
97 100
99 62.2 51.0 76.6
61 44.4 36.0 54.0

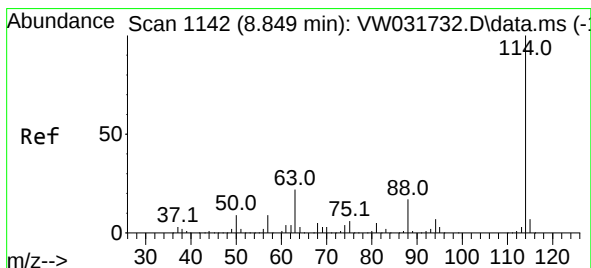
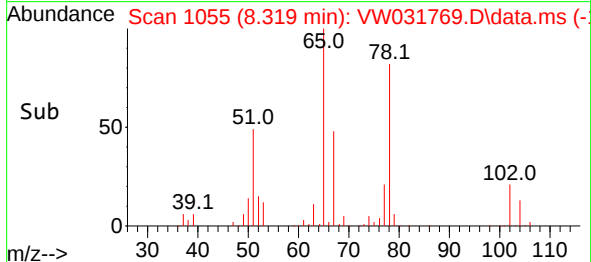
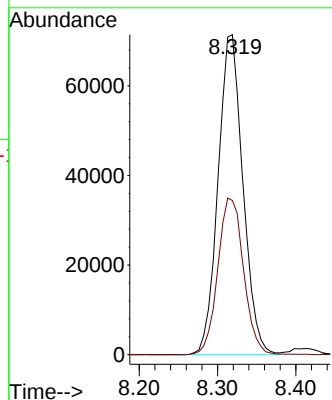
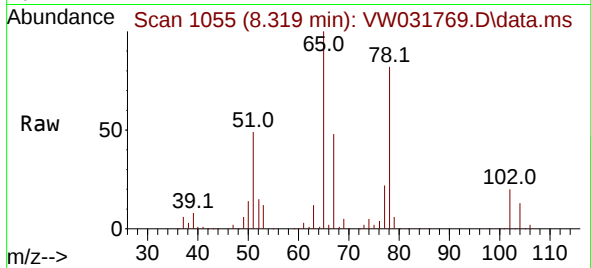




#33
 1,2-Dichloroethane-d4
 Concen: 58.672 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

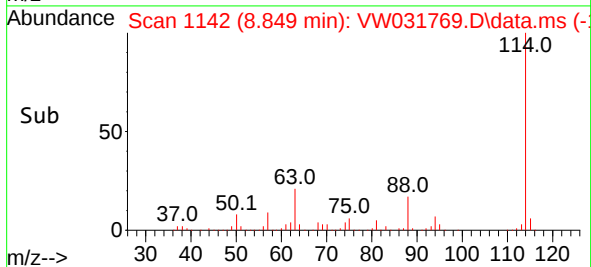
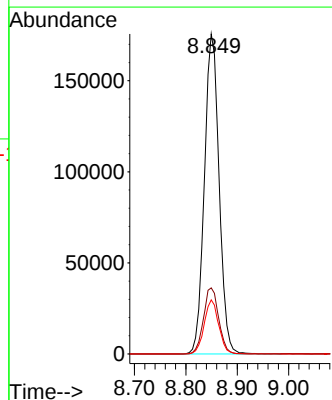
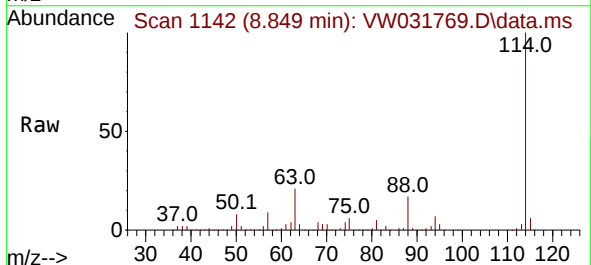
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

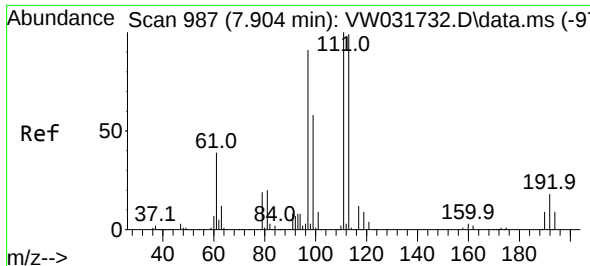
Tgt Ion: 65 Resp: 157659
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

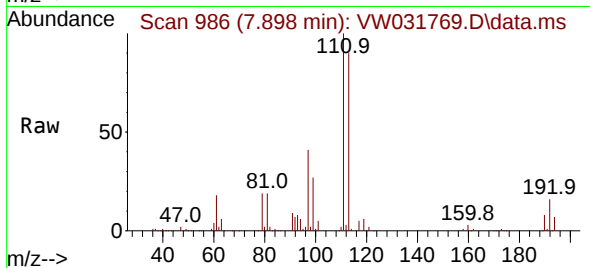
Tgt Ion: 114 Resp: 349121
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.6
 88 16.9 0.0 34.2



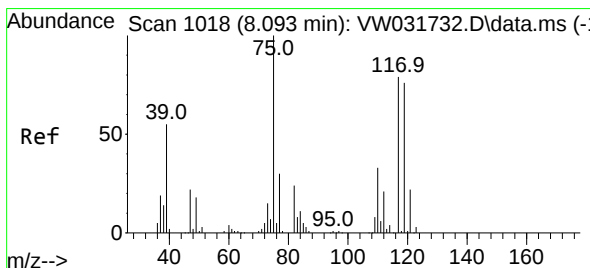
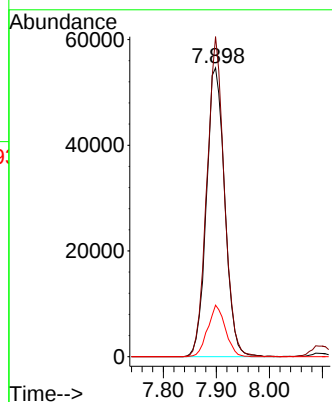
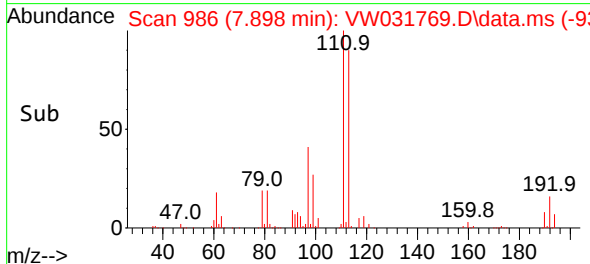


#35
 Dibromofluoromethane
 Concen: 57.682 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

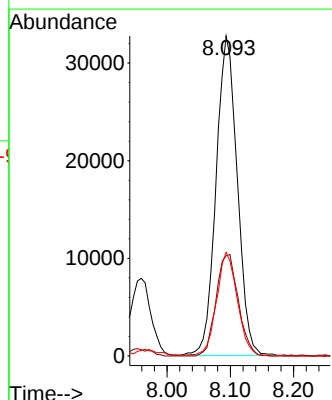
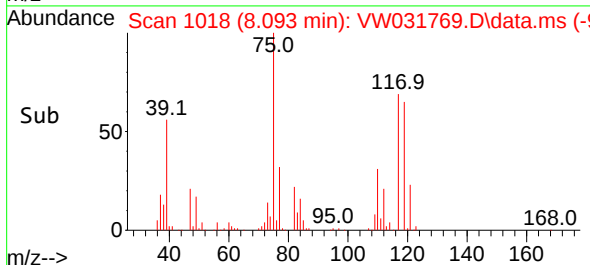
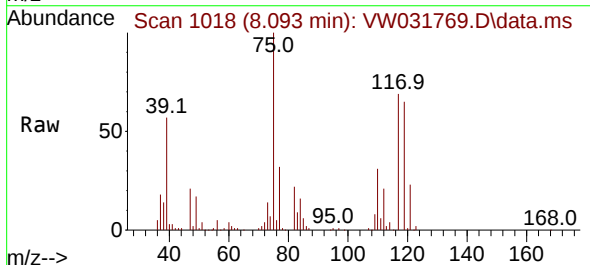


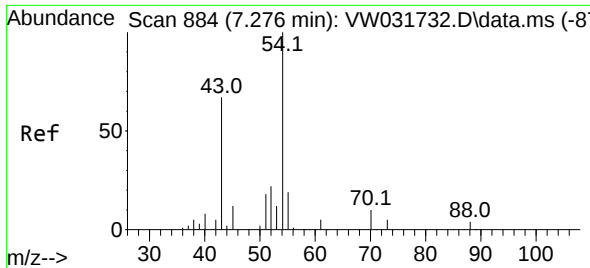
Tgt Ion:113 Resp: 131409
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.1 123.1
 192 17.2 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 23.106 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

Tgt Ion: 75 Resp: 76173
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.8 50.4
 77 31.8 25.0 37.6

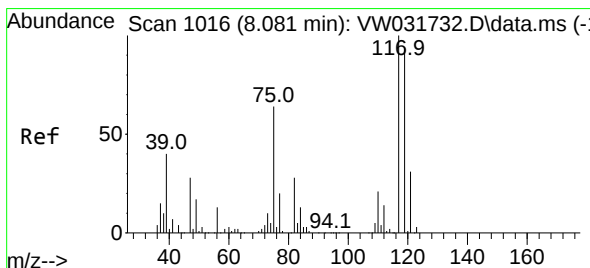
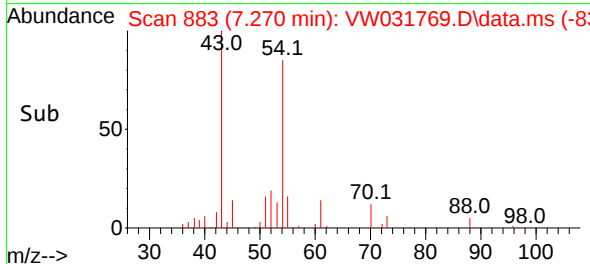
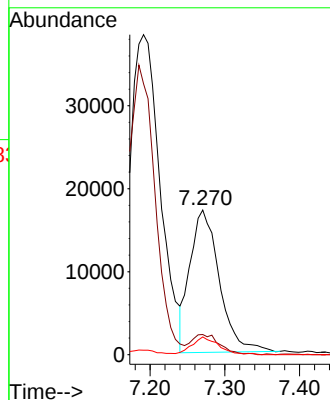
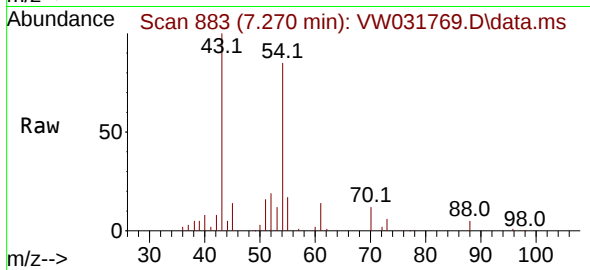




#37
Ethyl Acetate
Concen: 22.545 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

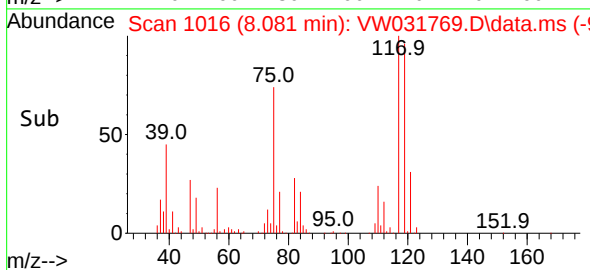
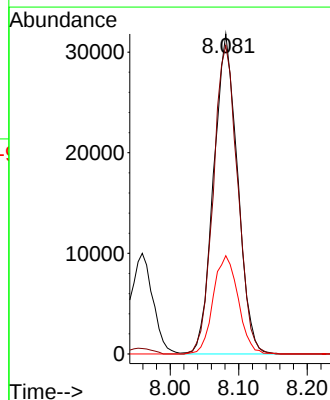
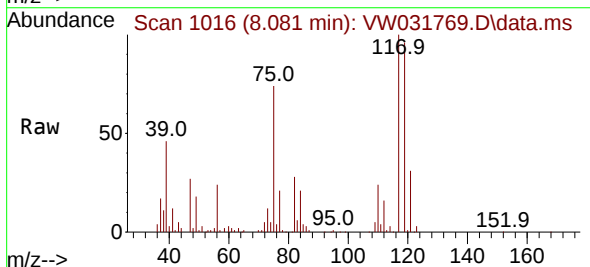
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

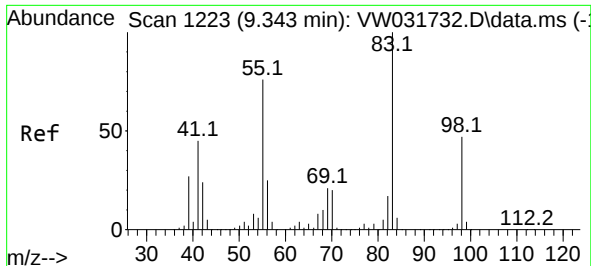
Tgt Ion: 43 Resp: 46884
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 22.917 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 117 Resp: 76985
Ion Ratio Lower Upper
117 100
119 96.4 75.0 112.6
121 30.7 24.6 37.0

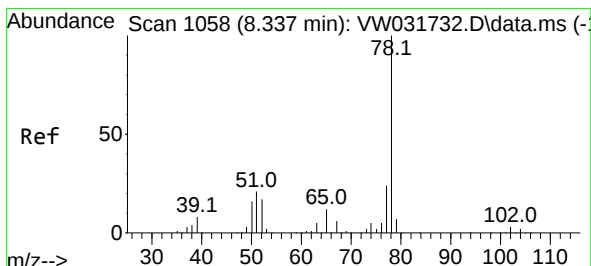
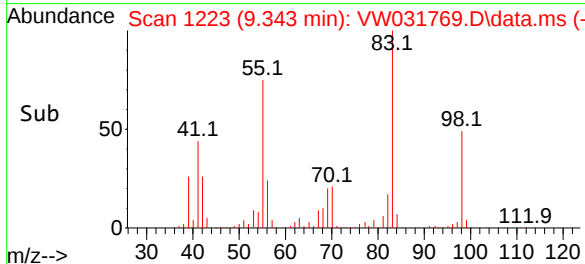
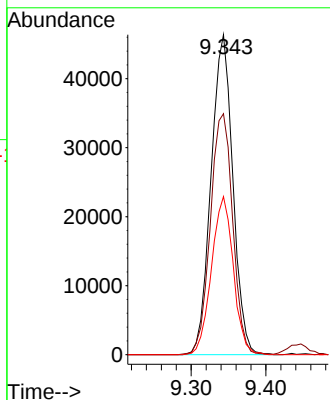
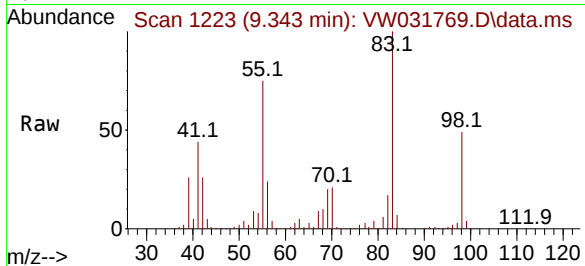




#39
Methylcyclohexane
Concen: 22.910 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

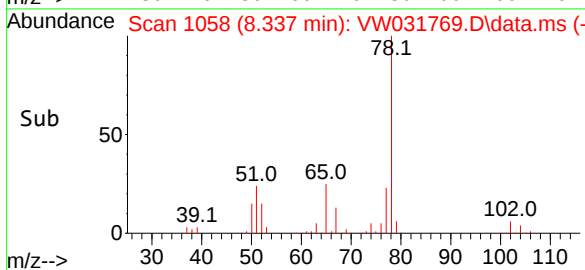
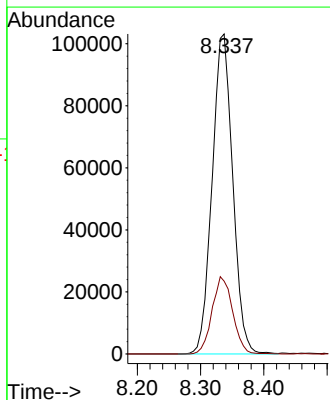
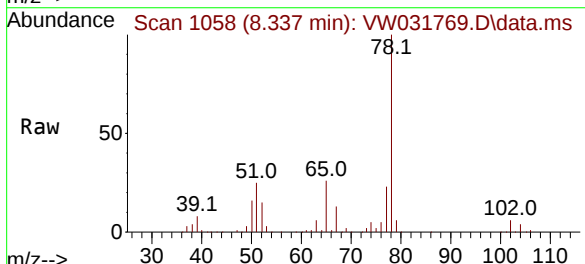
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

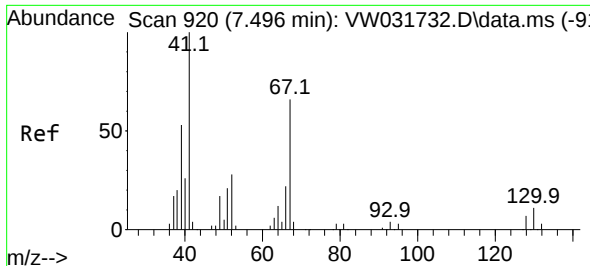
Tgt Ion: 83 Resp: 93966
Ion Ratio Lower Upper
83 100
55 75.3 61.0 91.4
98 49.4 37.9 56.9



#40
Benzene
Concen: 23.881 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 78 Resp: 232923
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8

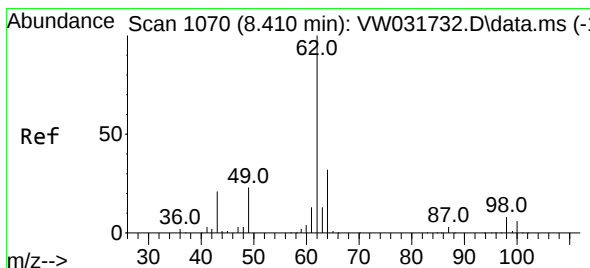
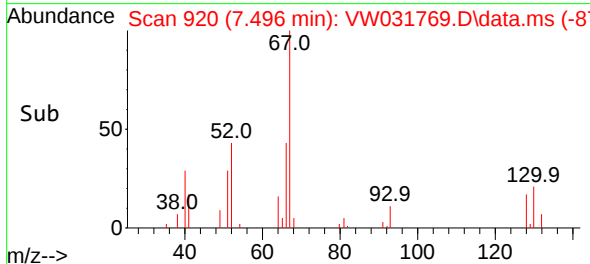
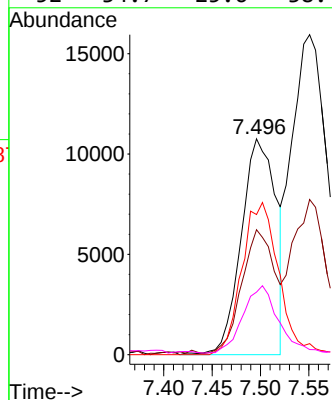
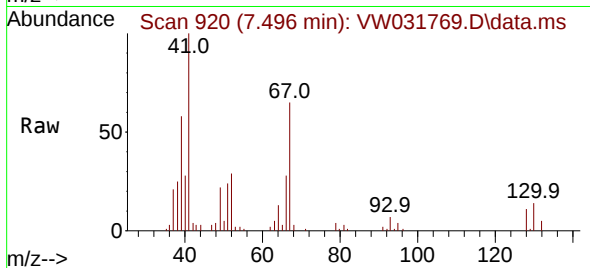




#41
Methacrylonitrile
Concen: 24.213 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

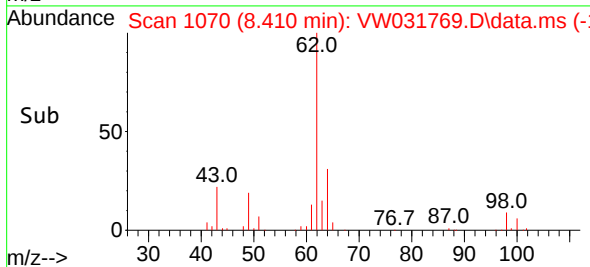
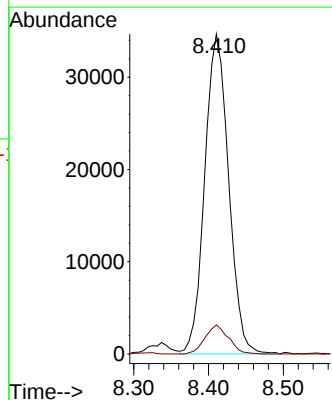
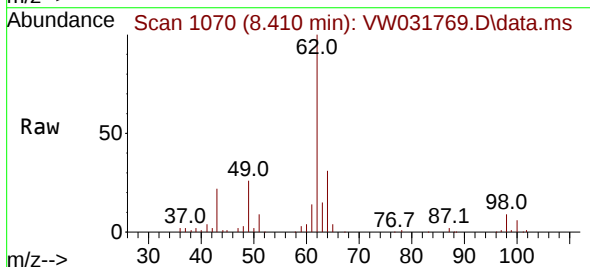
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

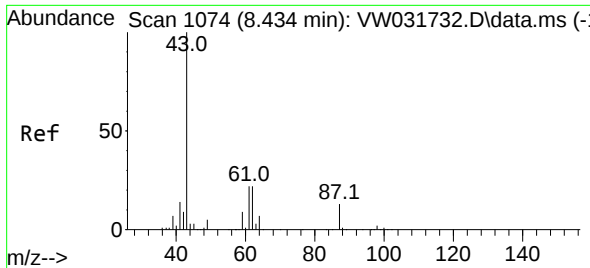
Tgt Ion:	41	Resp:	26974
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.2	64.8
67	75.0	58.1	87.1
52	34.7	25.6	38.4



#42
1,2-Dichloroethane
Concen: 23.401 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion:	62	Resp:	77120
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 22.873 ug/l

RT: 8.435 min Scan# 1184

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

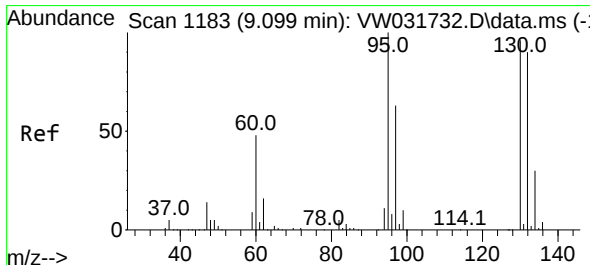
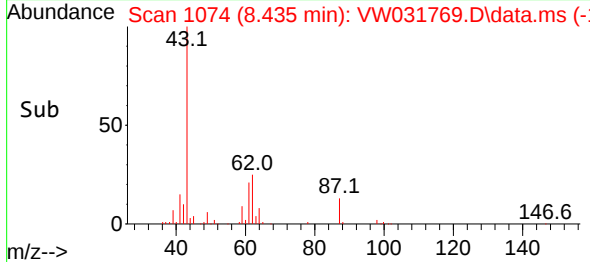
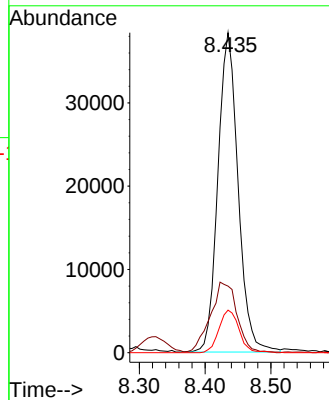
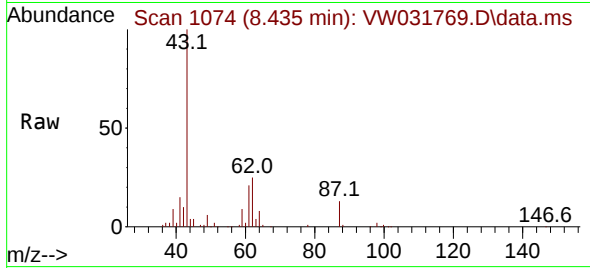
Tgt Ion: 43 Resp: 81994

Ion Ratio Lower Upper

43 100

61 29.1 23.1 34.7

87 13.4 10.8 16.2



#44

Trichloroethene

Concen: 22.687 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.006 min

Lab File: VW031769.D

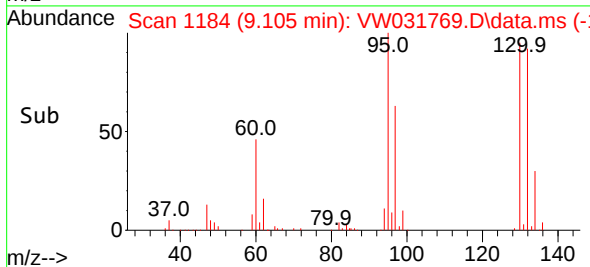
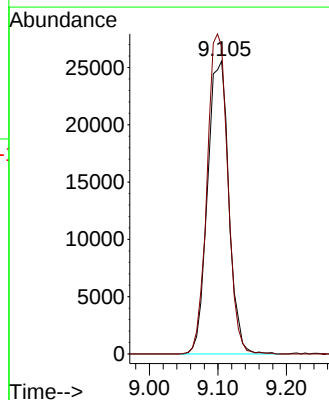
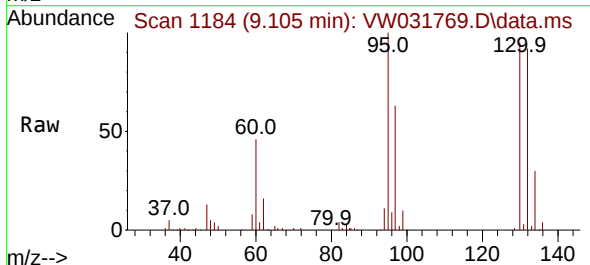
Acq: 09 Jul 2025 11:34

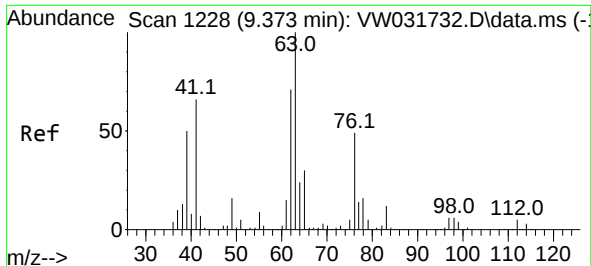
Tgt Ion: 130 Resp: 55229

Ion Ratio Lower Upper

130 100

95 105.1 0.0 208.6





#45

1,2-Dichloropropane

Concen: 23.536 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

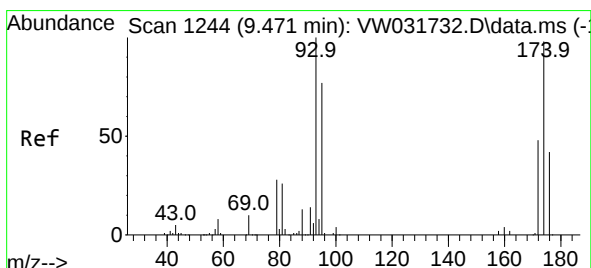
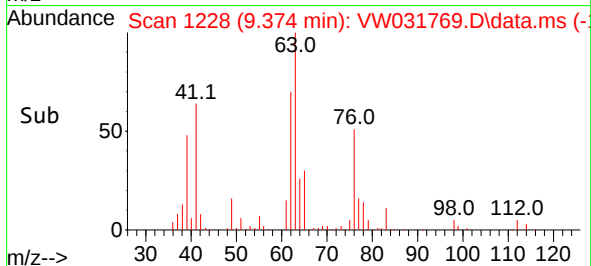
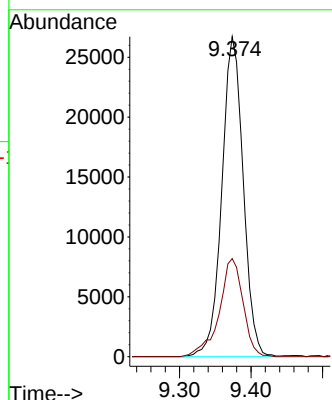
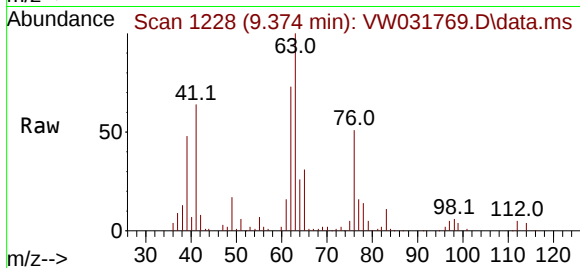
VW0709SBS01

Tgt Ion: 63 Resp: 55481

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.4



#46

Dibromomethane

Concen: 23.624 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

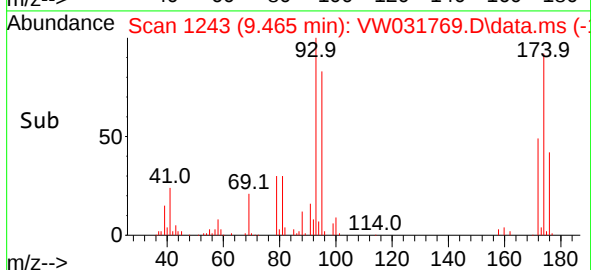
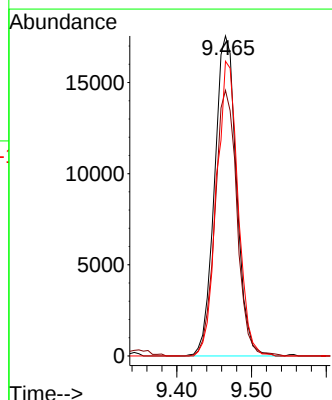
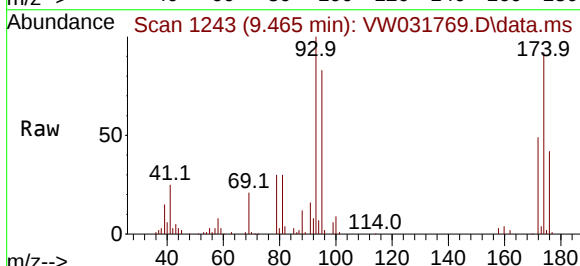
Tgt Ion: 93 Resp: 35952

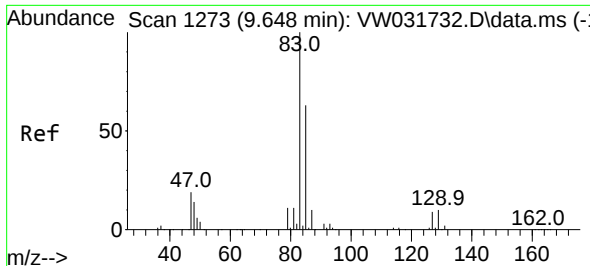
Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.4

174 89.6 71.7 107.5

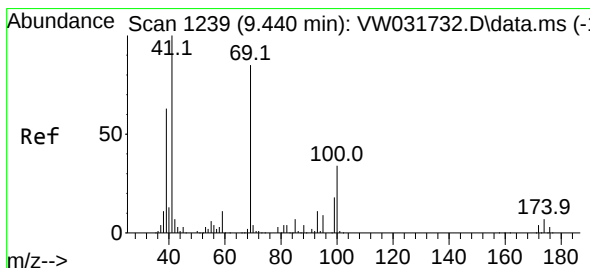
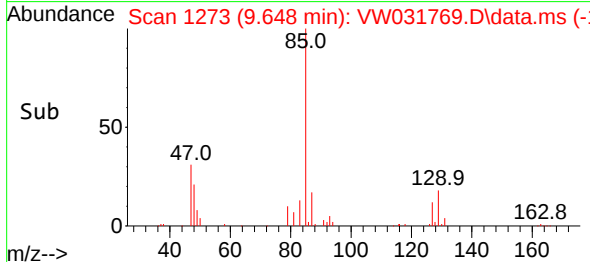
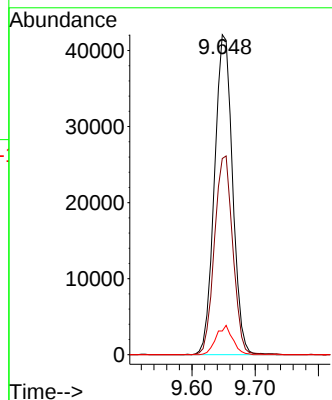
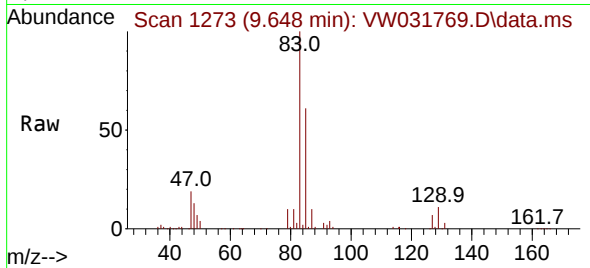




#47
Bromodichloromethane
Concen: 23.334 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

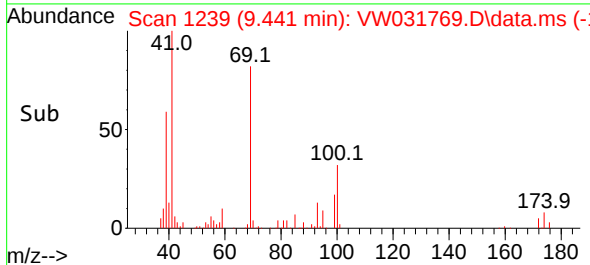
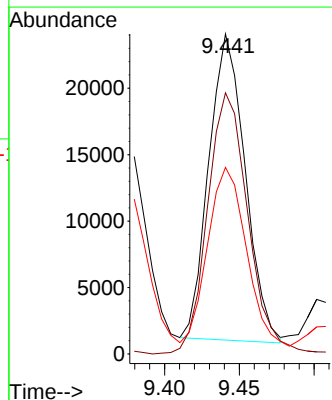
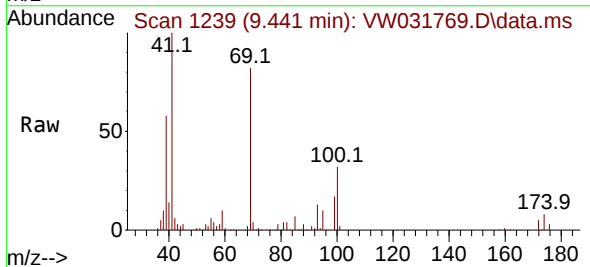
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

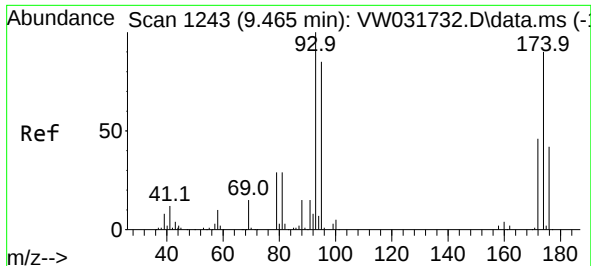
Tgt Ion: 83 Resp: 83273
Ion Ratio Lower Upper
83 100
85 61.3 50.8 76.2
127 7.4 6.8 10.2



#48
Methyl methacrylate
Concen: 22.044 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 41 Resp: 38856
Ion Ratio Lower Upper
41 100
69 95.9 71.6 107.4
39 62.2 49.5 74.3





#49

1,4-Dioxane

Concen: 336.398 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

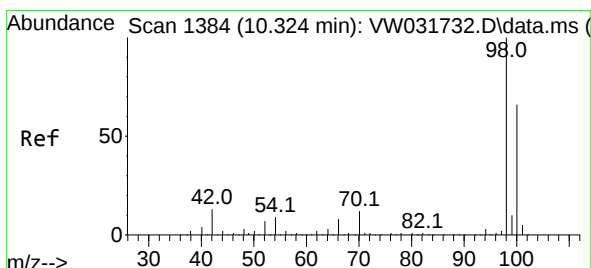
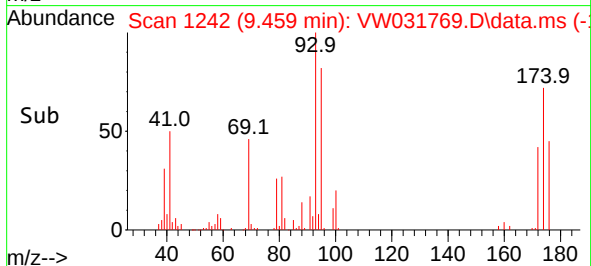
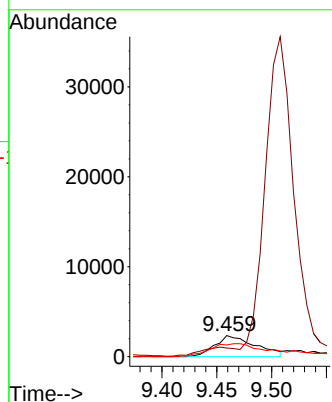
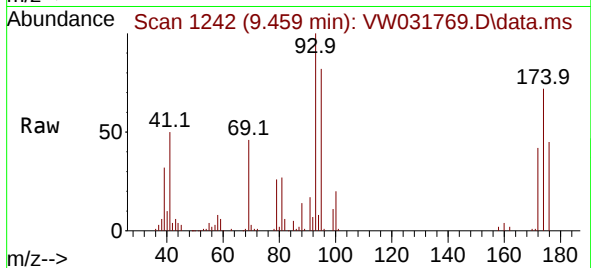
Tgt Ion: 88 Resp: 5996

Ion Ratio Lower Upper

88 100

43 34.3 0.0 0.0#

58 83.3 58.3 87.5



#50

Toluene-d8

Concen: 58.569 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031769.D

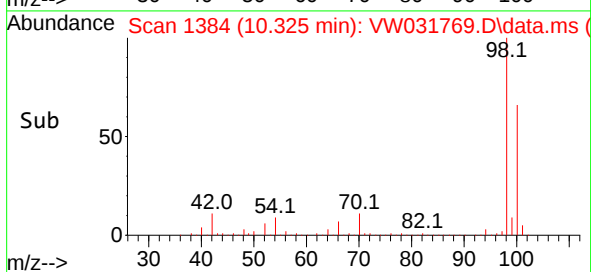
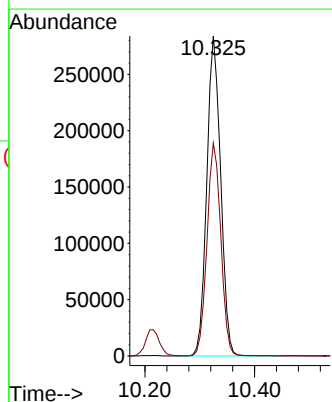
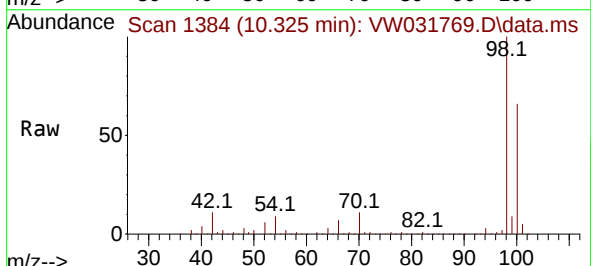
Acq: 09 Jul 2025 11:34

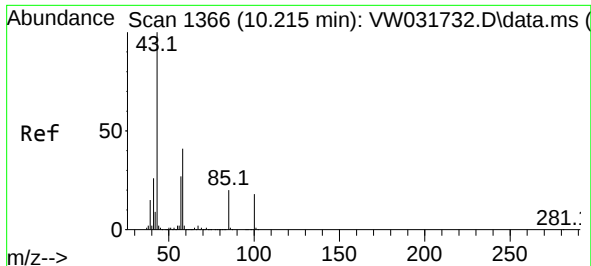
Tgt Ion: 98 Resp: 496546

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

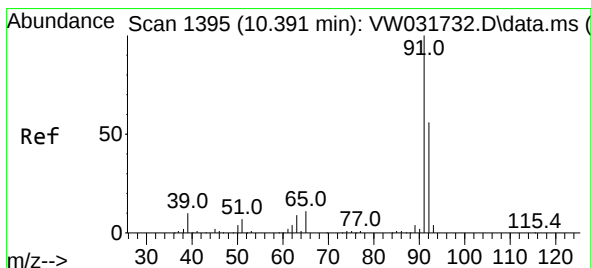
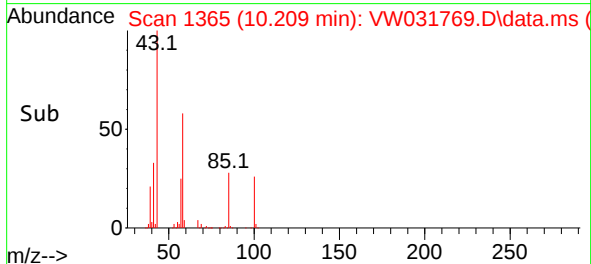
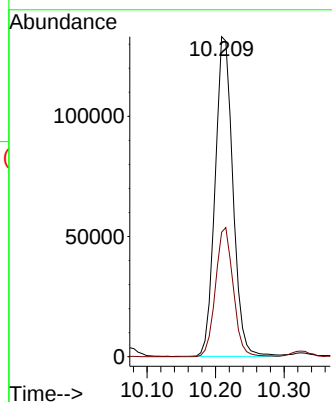
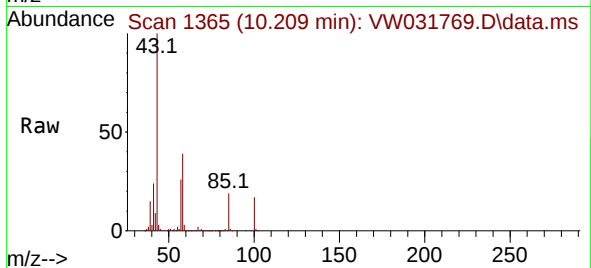




#51
4-Methyl-2-Pentanone
Concen: 116.368 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

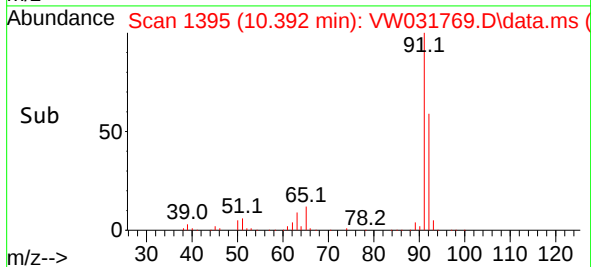
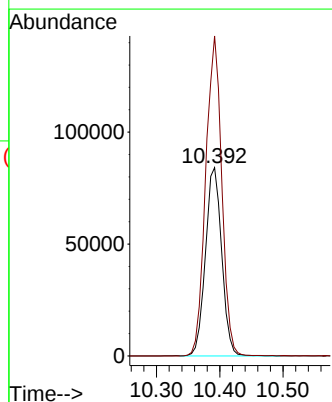
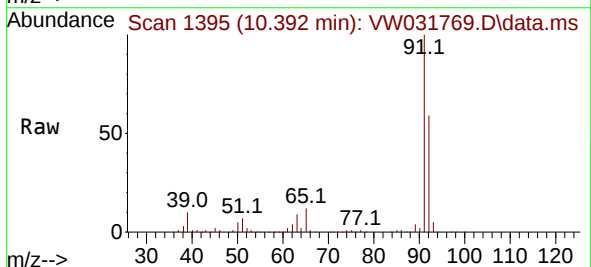
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

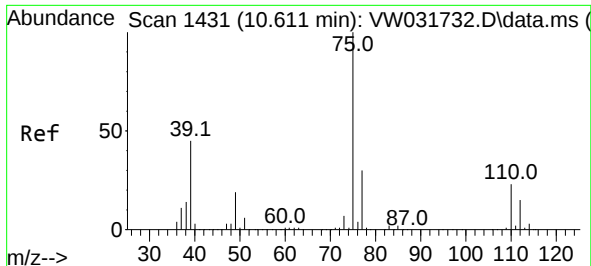
Tgt Ion: 43 Resp: 239822
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 24.085 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 92 Resp: 150402
Ion Ratio Lower Upper
92 100
91 168.0 139.5 209.3

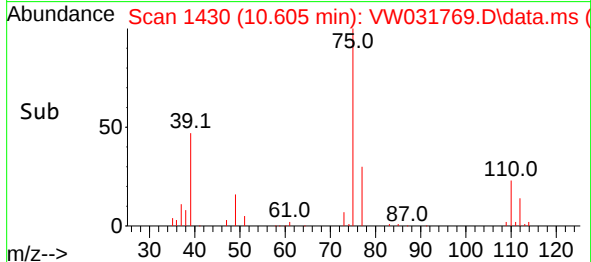
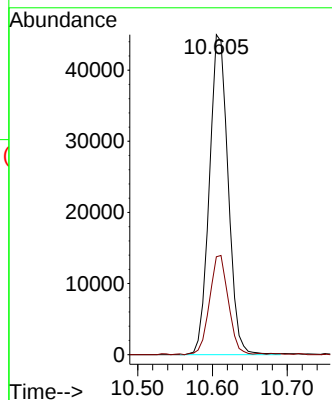
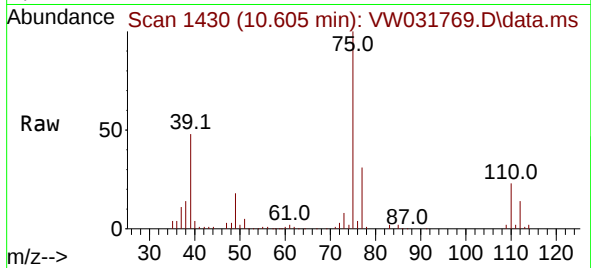




#53
 t-1,3-Dichloropropene
 Concen: 23.383 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

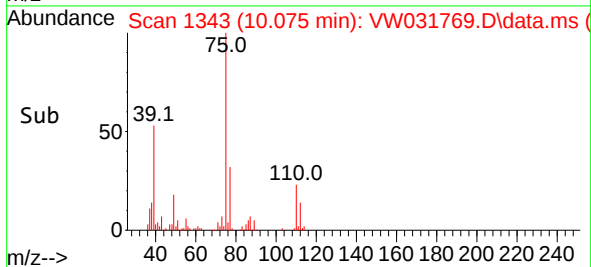
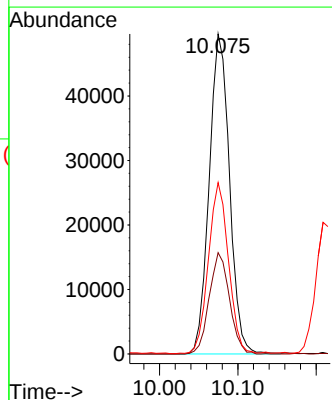
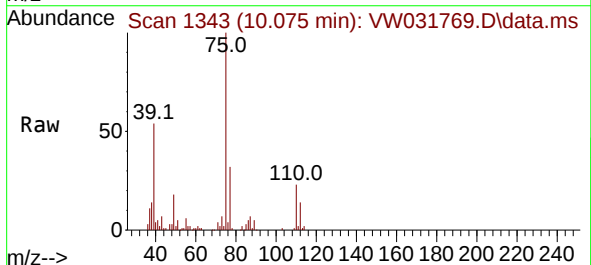
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

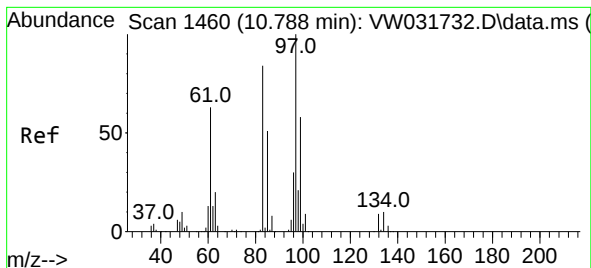
Tgt Ion: 75 Resp: 78296
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 23.506 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

Tgt Ion: 75 Resp: 89225
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 53.3 41.8 62.6

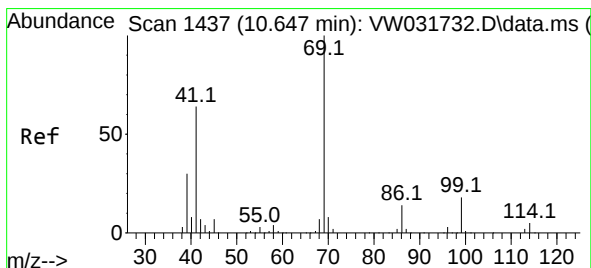
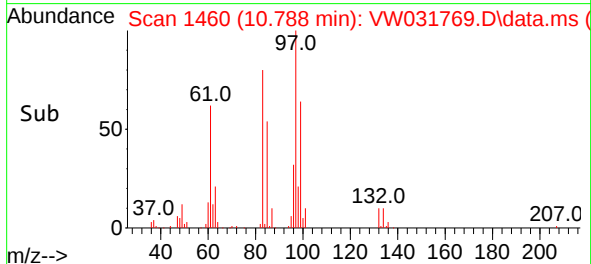
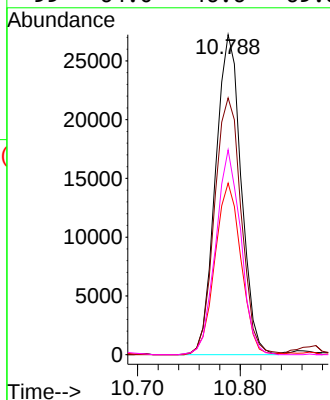
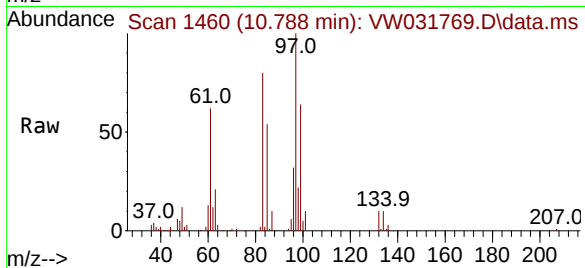




#55
1,1,2-Trichloroethane
Concen: 23.693 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

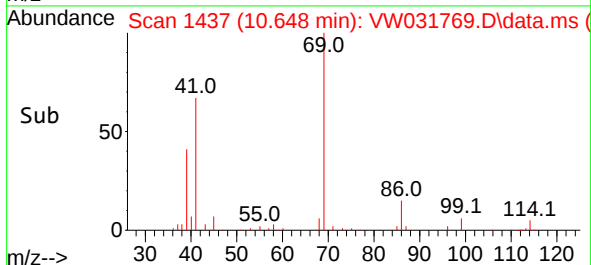
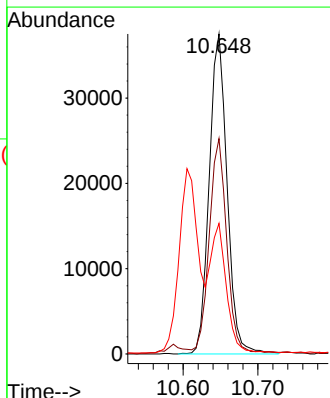
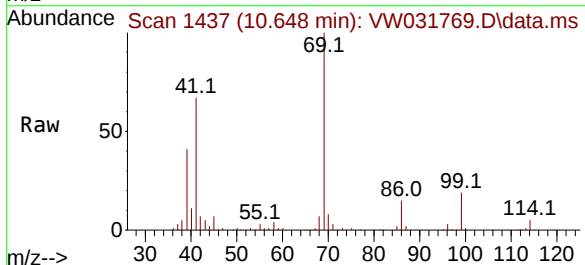
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tgt Ion: 97	Resp: 47232
Ion Ratio	Lower Upper
97 100	
83 80.2	66.9 100.3
85 53.6	41.1 61.7
99 64.0	46.6 69.8



#56
Ethyl methacrylate
Concen: 23.123 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 69	Resp: 62538
Ion Ratio	Lower Upper
69 100	
41 66.4	53.3 79.9
39 35.9	30.2 45.2





#57

1,3-Dichloropropane

Concen: 23.486 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

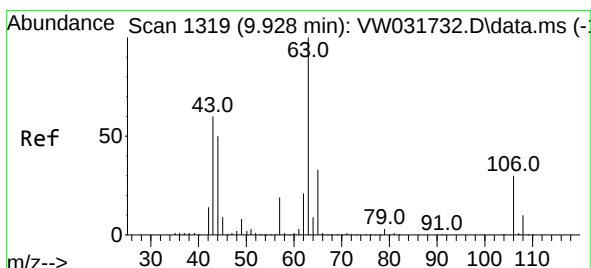
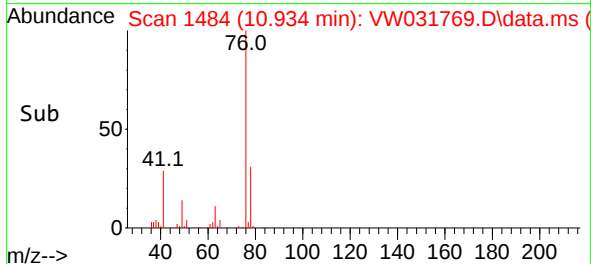
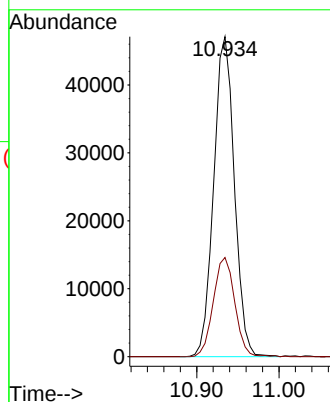
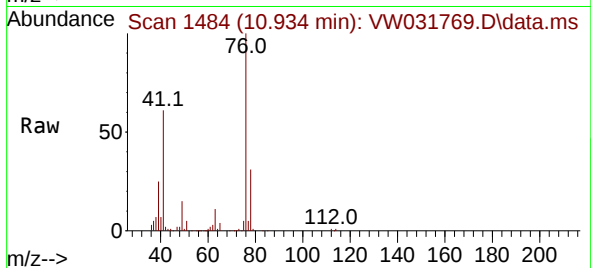
VW0709SBS01

Tgt Ion: 76 Resp: 82201

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 118.765 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031769.D

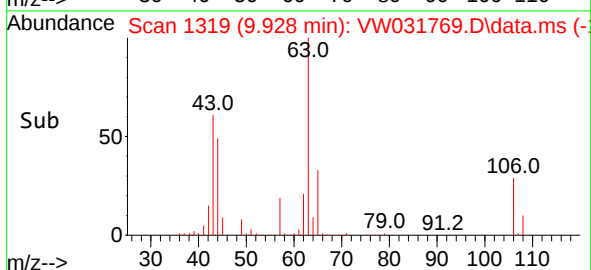
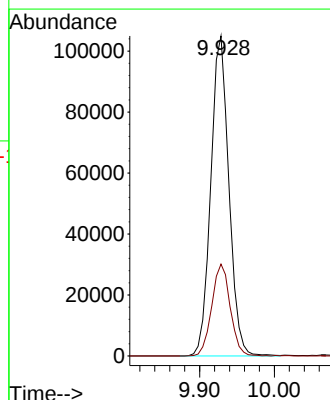
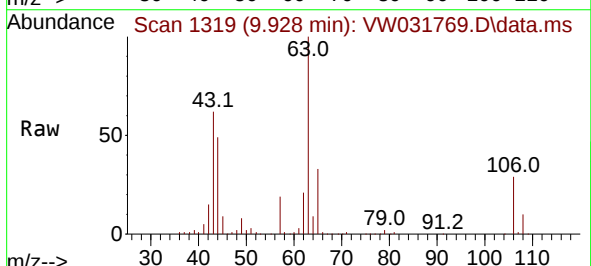
Acq: 09 Jul 2025 11:34

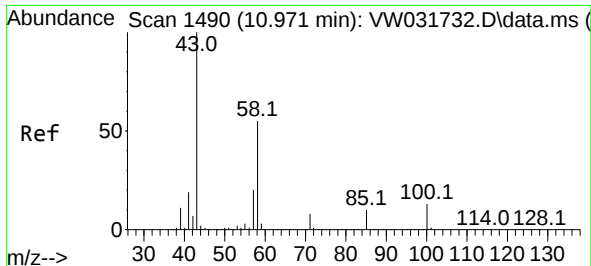
Tgt Ion: 63 Resp: 176870

Ion Ratio Lower Upper

63 100

106 29.2 24.1 36.1

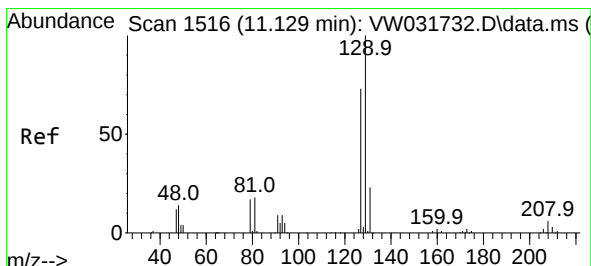
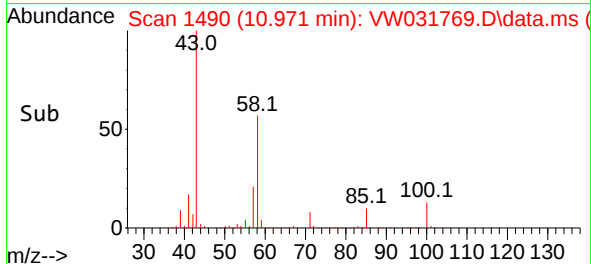
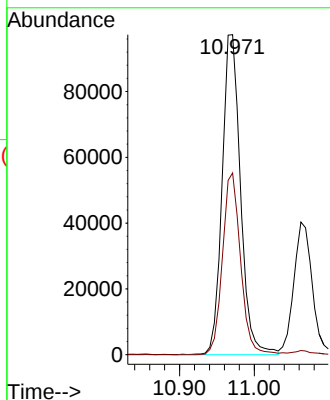
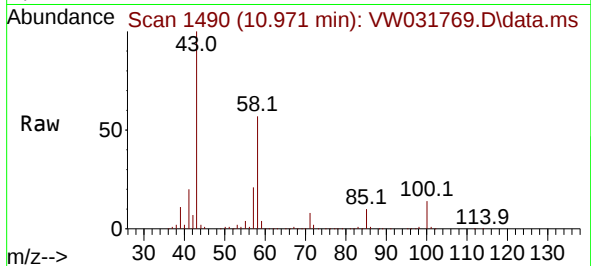




#59
2-Hexanone
Concen: 119.682 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

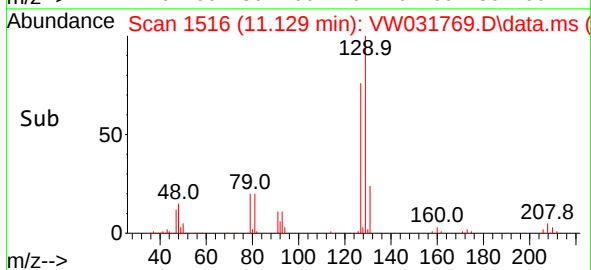
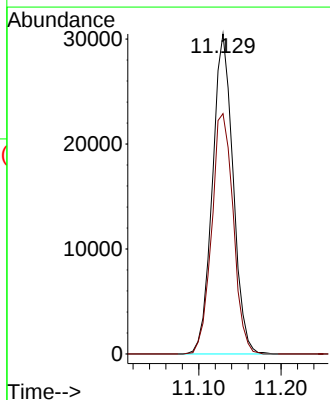
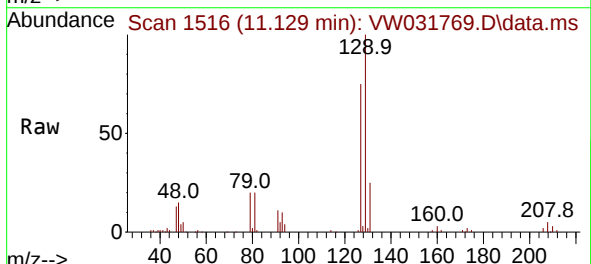
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

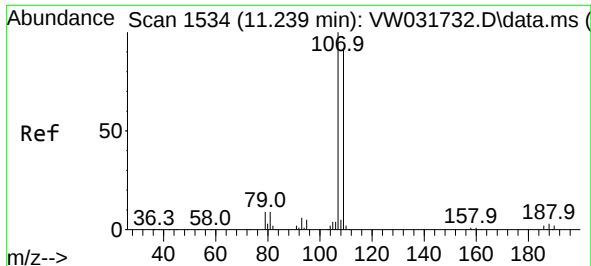
Tgt Ion: 43 Resp: 167142
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.6



#60
Dibromochloromethane
Concen: 22.313 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 129 Resp: 53191
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1

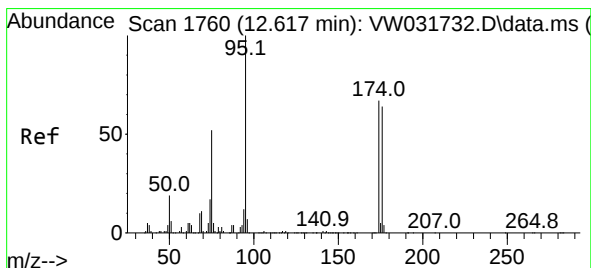
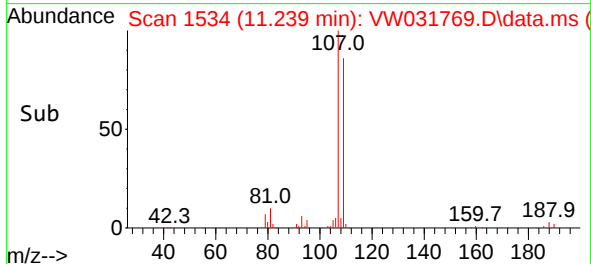
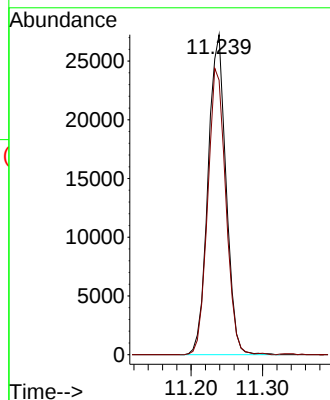
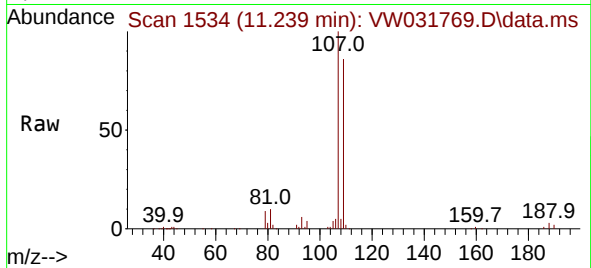




#61
1,2-Dibromoethane
Concen: 23.839 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

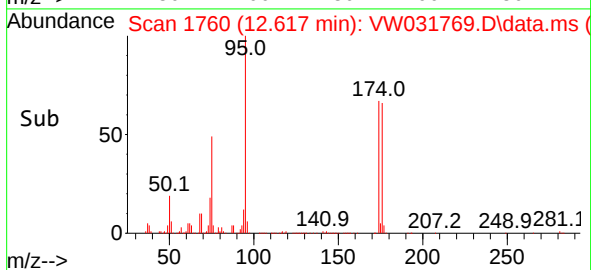
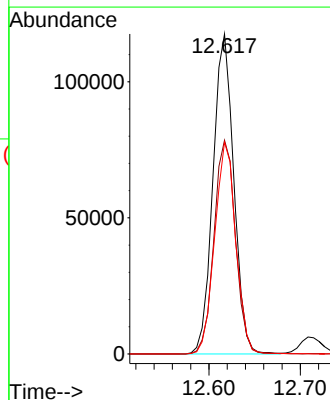
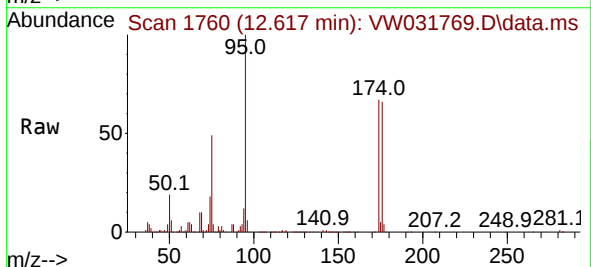
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

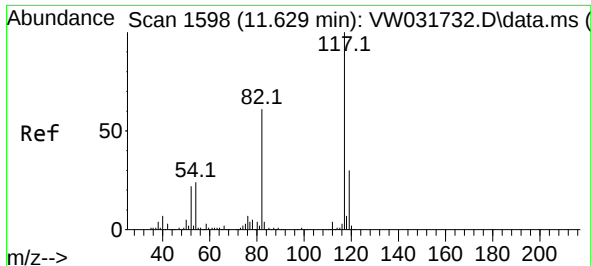
Tgt Ion:107 Resp: 47574
Ion Ratio Lower Upper
107 100
109 90.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 59.537 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 95 Resp: 185749
Ion Ratio Lower Upper
95 100
174 68.9 0.0 133.8
176 67.3 0.0 126.0

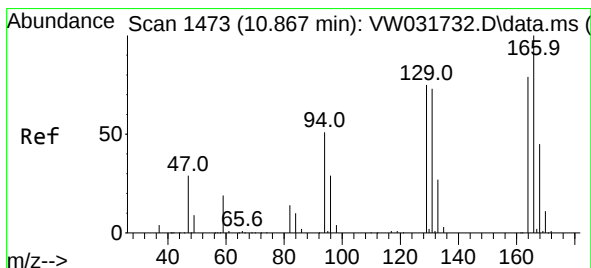
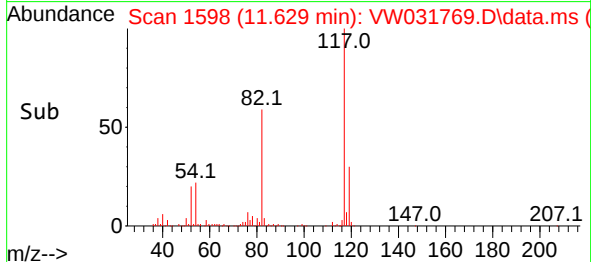
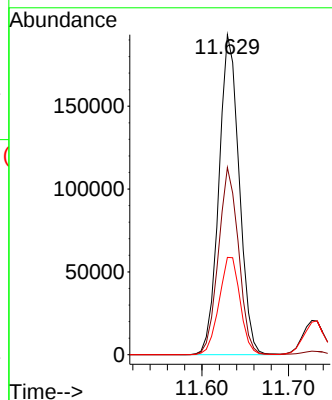
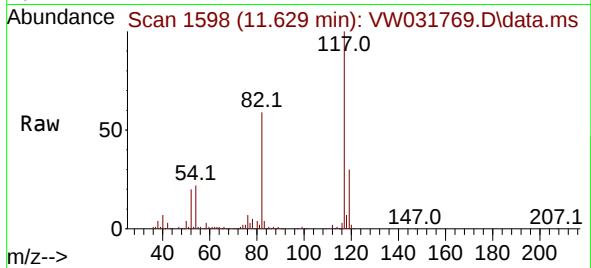




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

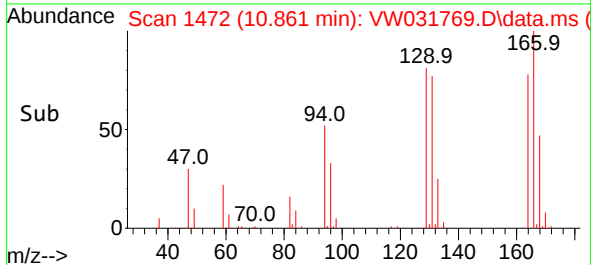
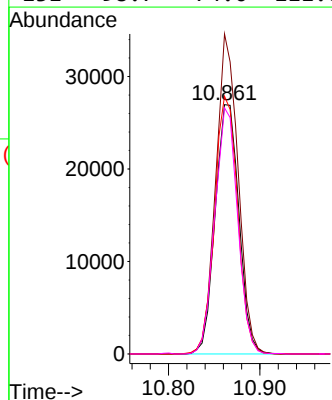
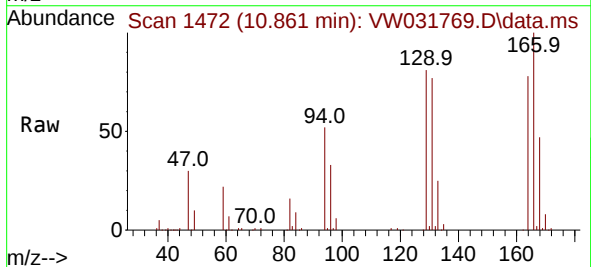
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

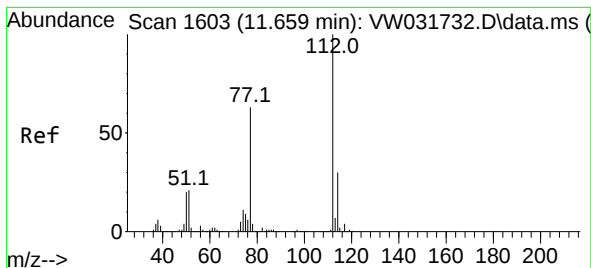
Tgt Ion:117 Resp: 314319
Ion Ratio Lower Upper
117 100
82 58.5 48.6 72.8
119 30.4 23.9 35.9



#64
Tetrachloroethene
Concen: 23.674 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion:164 Resp: 48674
Ion Ratio Lower Upper
164 100
166 128.3 100.7 151.1
129 103.4 75.4 113.0
131 98.7 74.0 111.0





#65

Chlorobenzene

Concen: 23.764 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

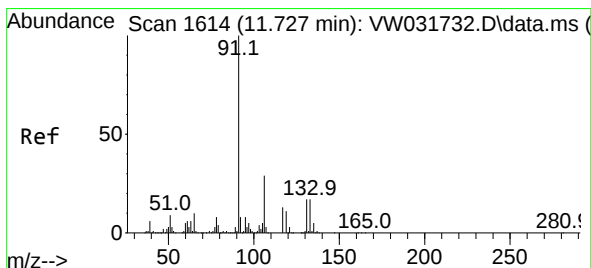
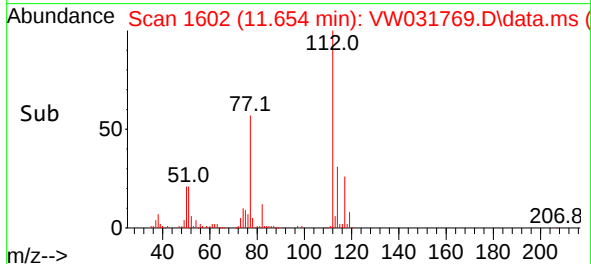
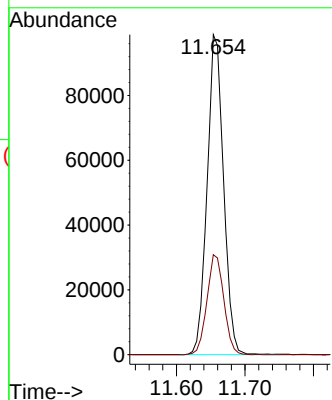
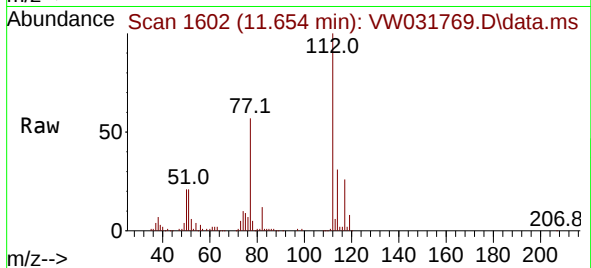
VW0709SBS01

Tgt Ion:112 Resp: 164803

Ion Ratio Lower Upper

112 100

114 31.3 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 23.291 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

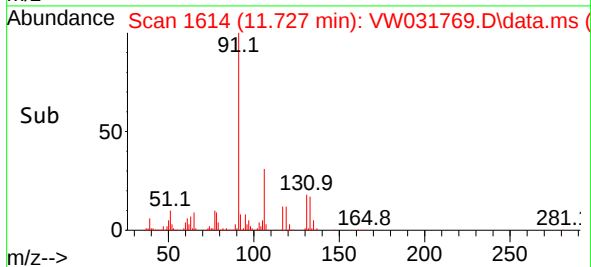
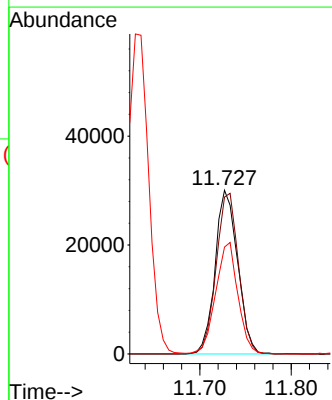
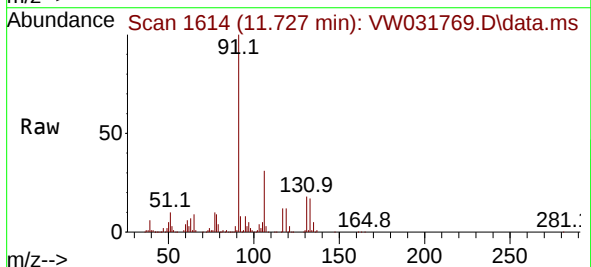
Tgt Ion:131 Resp: 51472

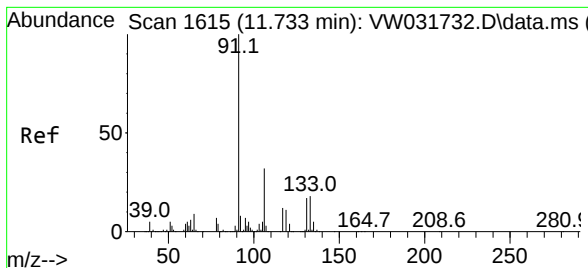
Ion Ratio Lower Upper

131 100

133 97.4 48.5 145.6

119 67.2 32.5 97.5

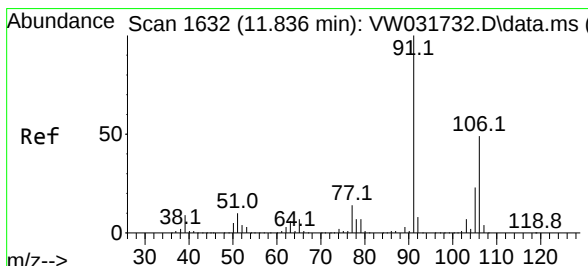
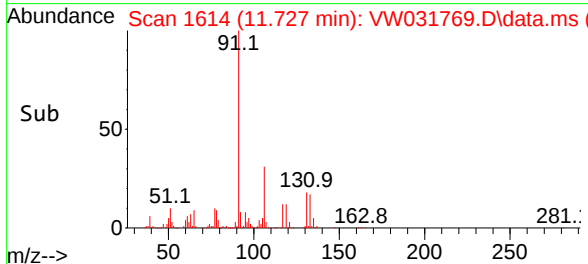
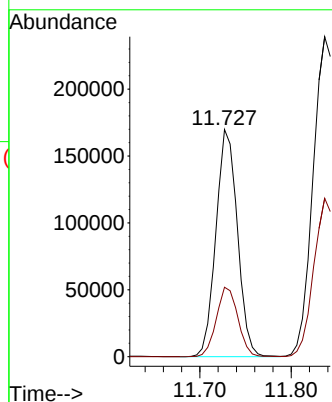
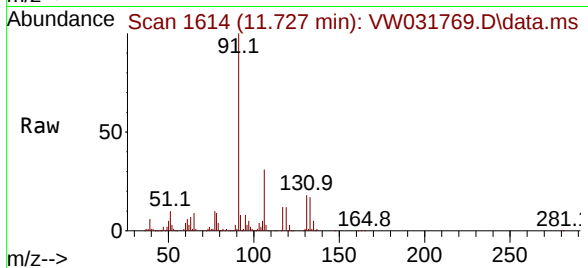




#67
Ethyl Benzene
Concen: 23.087 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

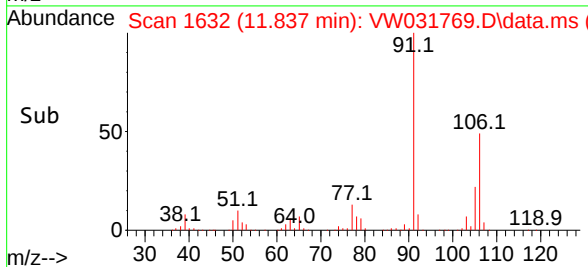
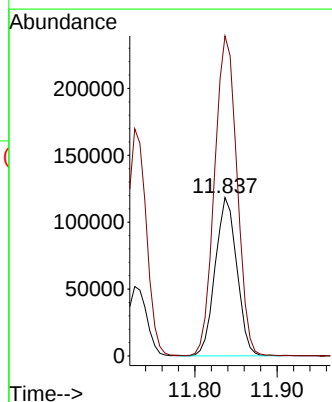
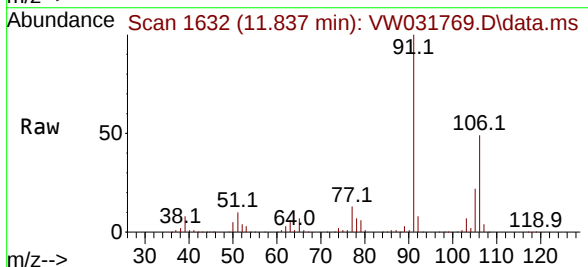
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tgt Ion: 91 Resp: 277629
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2



#68
m/p-Xylenes
Concen: 46.841 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 106 Resp: 216535
Ion Ratio Lower Upper
106 100
91 210.0 166.4 249.6





#69

o-Xylene

Concen: 23.716 ug/l

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

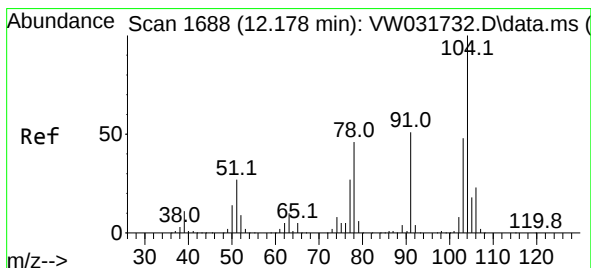
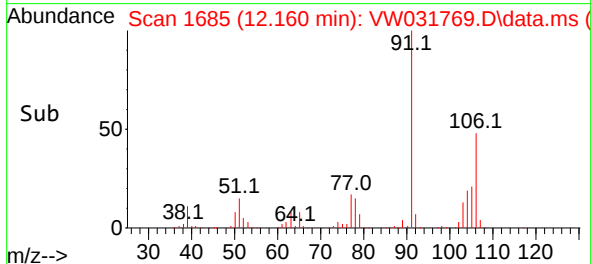
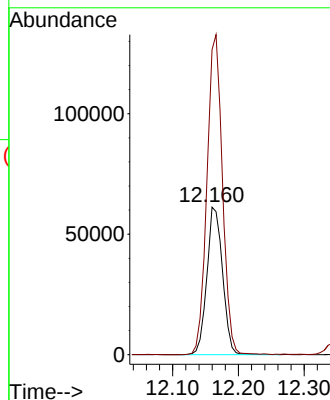
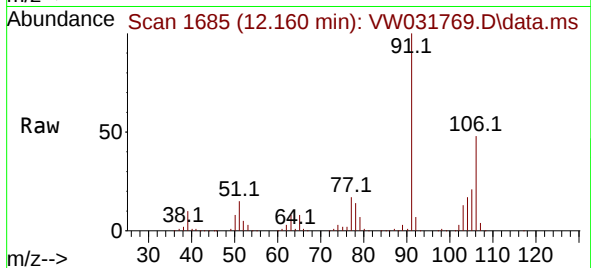
VW0709SBS01

Tgt Ion:106 Resp: 101509

Ion Ratio Lower Upper

106 100

91 214.7 111.5 334.4



#70

Styrene

Concen: 23.924 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

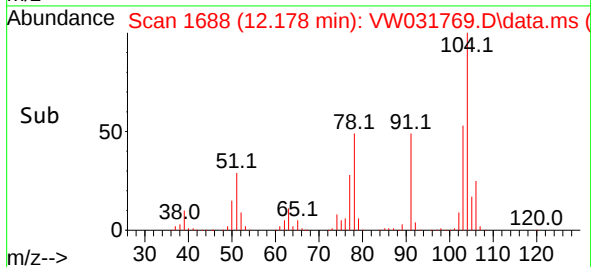
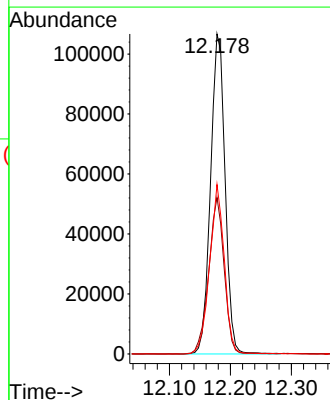
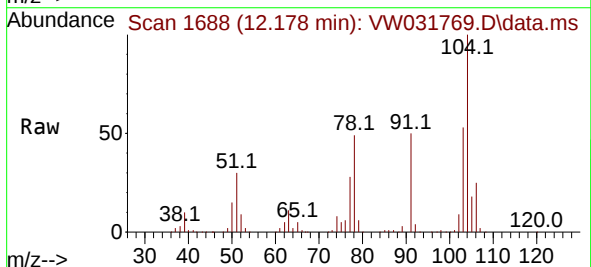
Tgt Ion:104 Resp: 177024

Ion Ratio Lower Upper

104 100

78 52.0 42.1 63.1

103 53.3 43.0 64.6





#71

Bromoform

Concen: 23.717 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

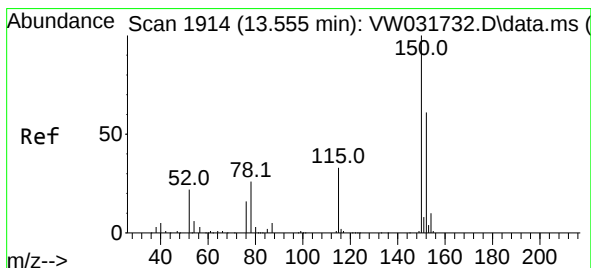
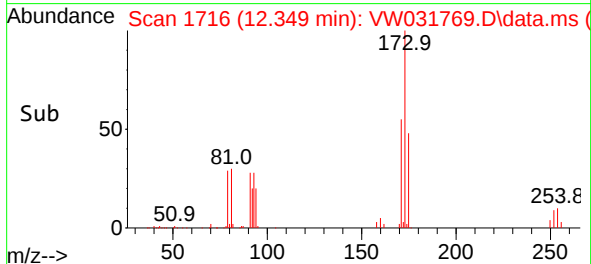
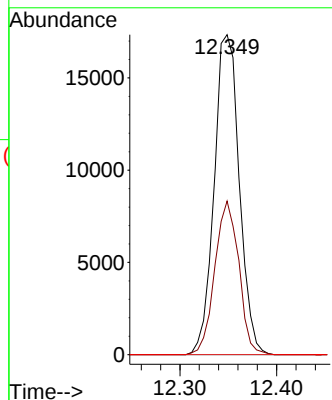
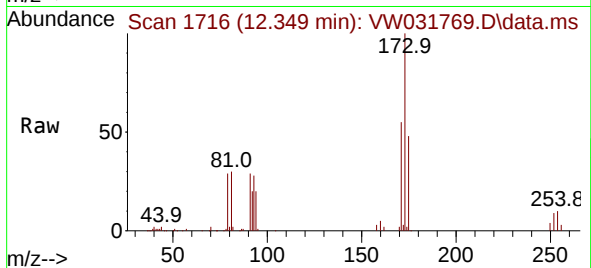
Tgt Ion:173 Resp: 31267

Ion Ratio Lower Upper

173 100

175 45.8 24.0 72.0

254 0.0 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: VW031769.D

Acq: 09 Jul 2025 11:34

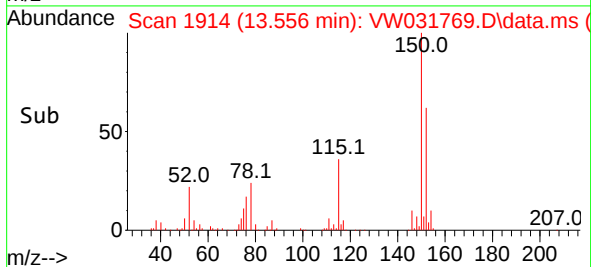
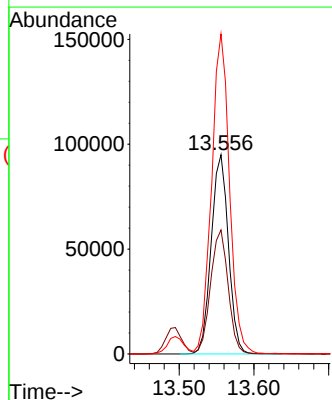
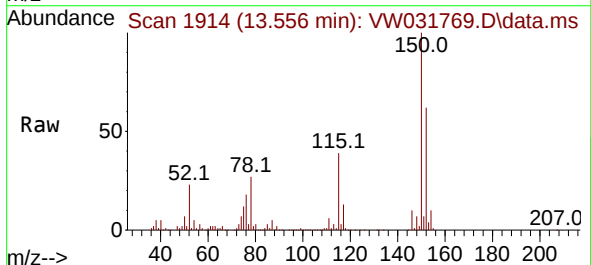
Tgt Ion:152 Resp: 151914

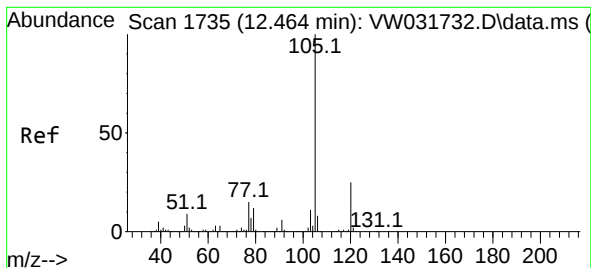
Ion Ratio Lower Upper

152 100

115 63.7 31.9 95.7

150 166.4 0.0 356.4





#73

Isopropylbenzene

Concen: 22.724 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

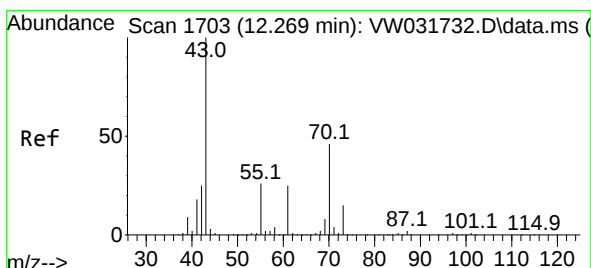
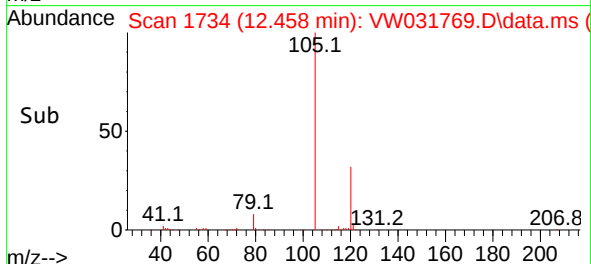
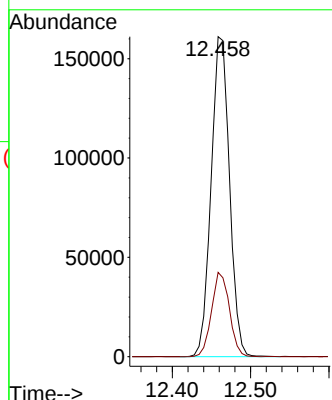
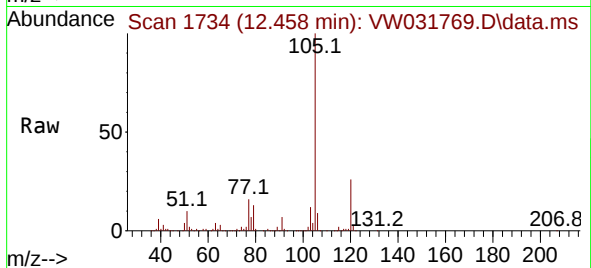
VW0709SBS01

Tgt Ion:105 Resp: 262586

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



#74

N-ethyl acetate

Concen: 22.197 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Tgt Ion: 43 Resp: 69133

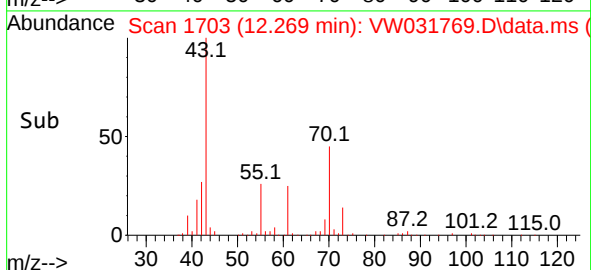
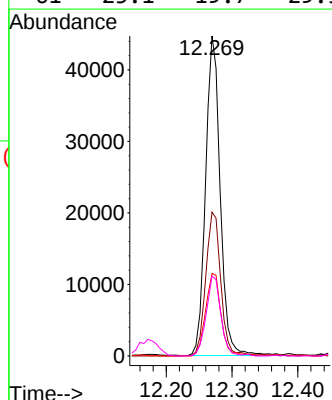
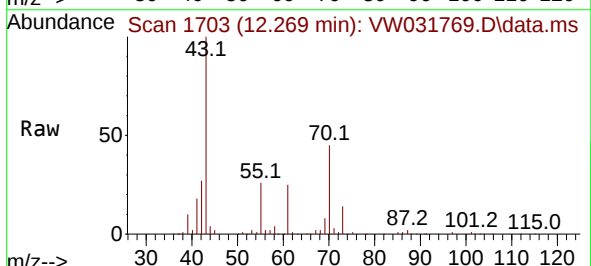
Ion Ratio Lower Upper

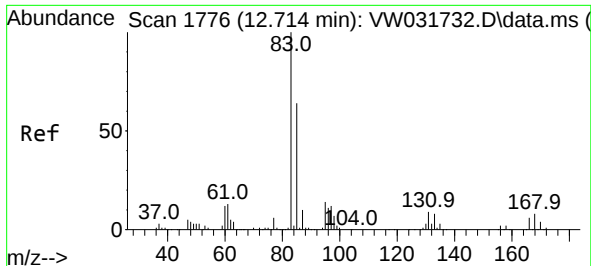
43 100

70 46.3 36.0 54.0

55 27.4 20.8 31.2

61 25.1 19.7 29.5

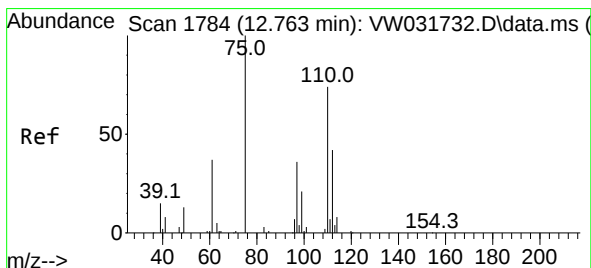
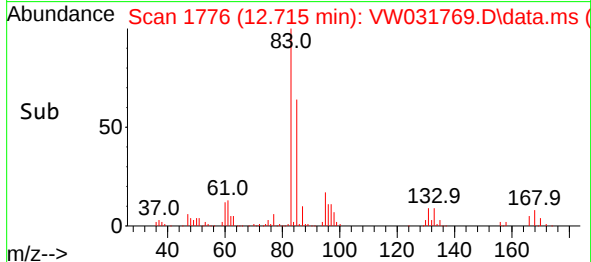
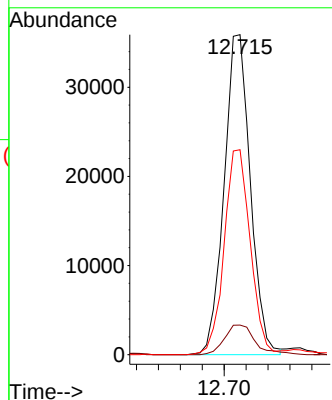
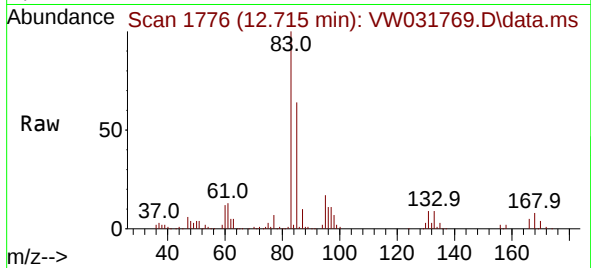




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.270 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

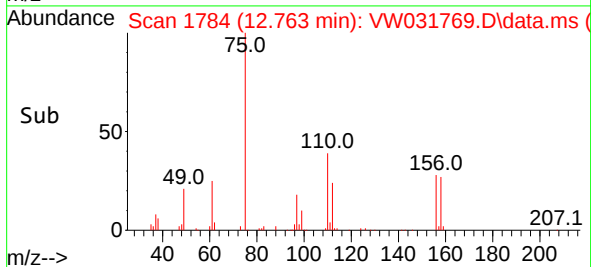
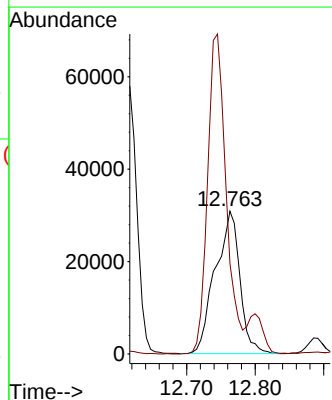
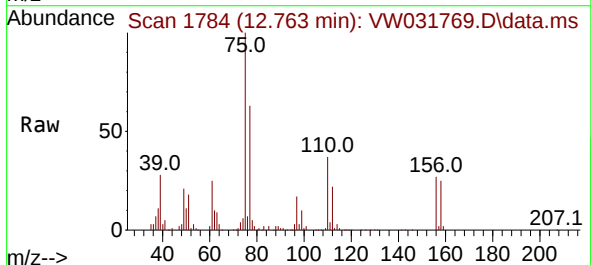
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

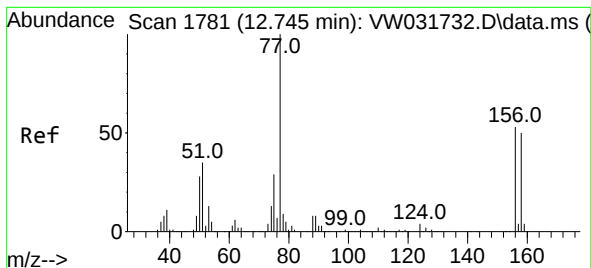
Tgt Ion: 83 Resp: 59697
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.3 16.1
 85 63.8 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 39.123 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW031769.D
 Acq: 09 Jul 2025 11:34

Tgt Ion: 75 Resp: 76805
 Ion Ratio Lower Upper
 75 100
 77 170.2 141.2 423.6





#77

Bromobenzene

Concen: 23.442 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

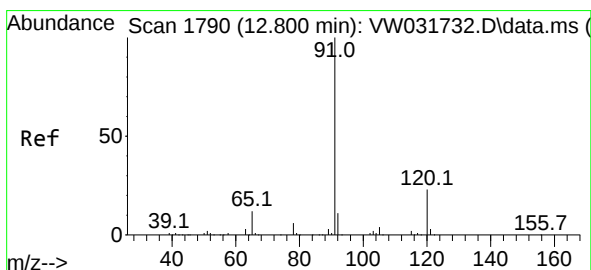
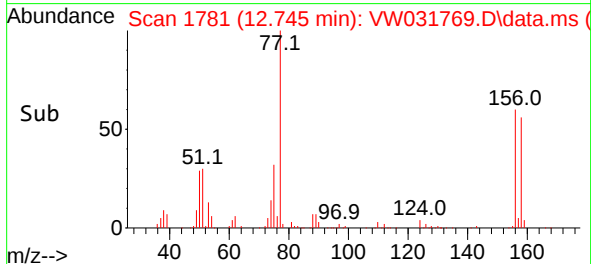
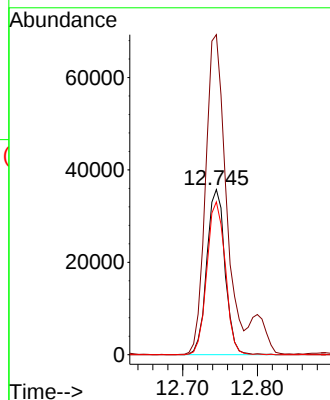
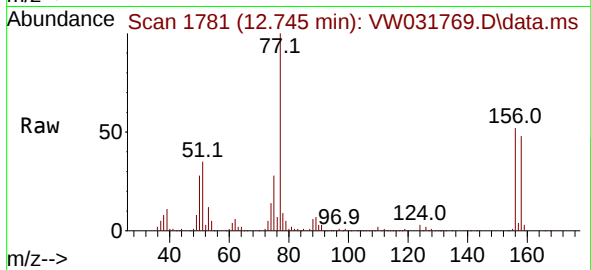
Tgt Ion:156 Resp: 60417

Ion Ratio Lower Upper

156 100

77 216.4 117.9 353.7

158 93.6 52.6 157.8



#78

n-propylbenzene

Concen: 23.855 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031769.D

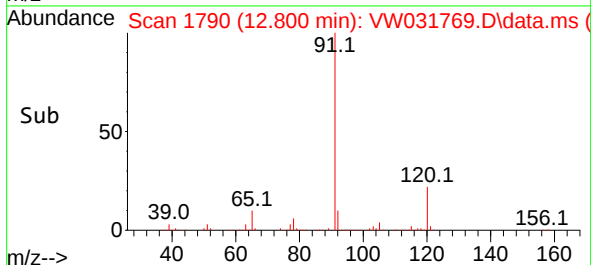
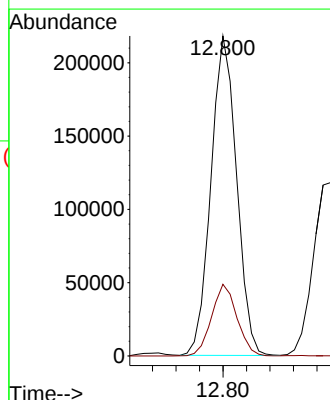
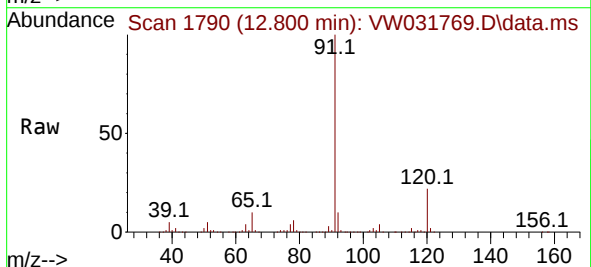
Acq: 09 Jul 2025 11:34

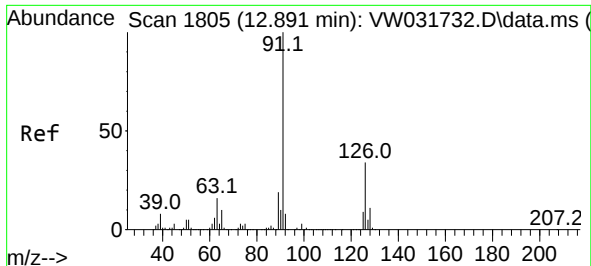
Tgt Ion: 91 Resp: 330089

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

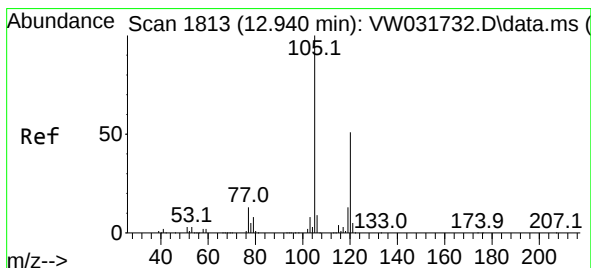
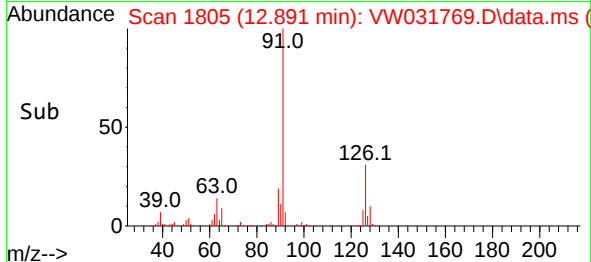
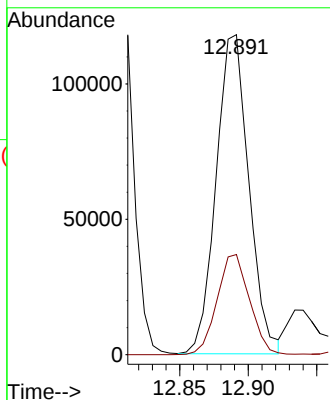
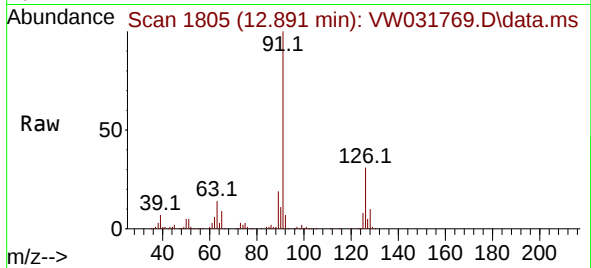




#79
2-Chlorotoluene
Concen: 23.523 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

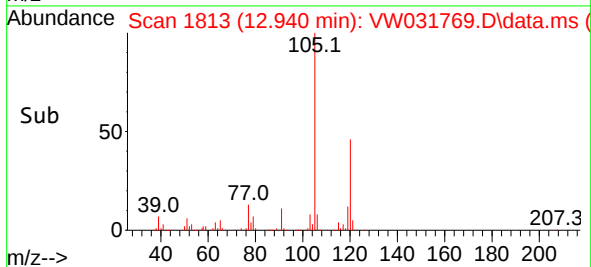
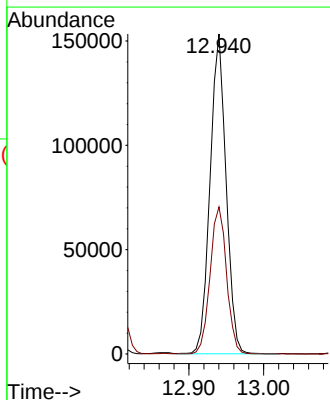
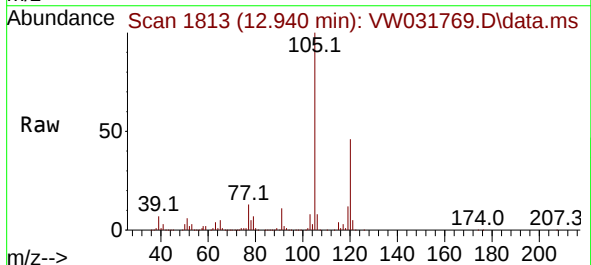
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tgt Ion: 91 Resp: 196008
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 23.813 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 105 Resp: 227770
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 21.351 ug/l

RT: 12.507 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

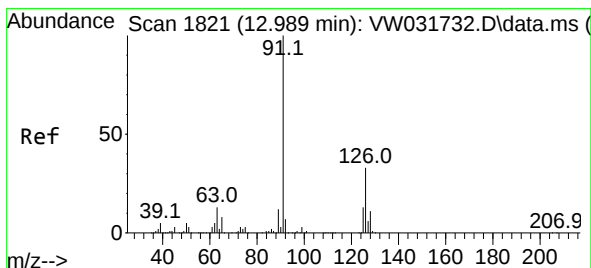
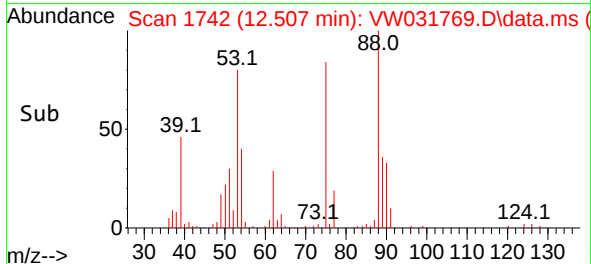
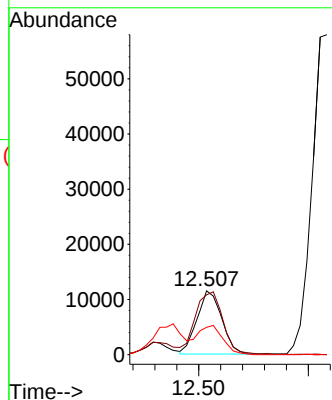
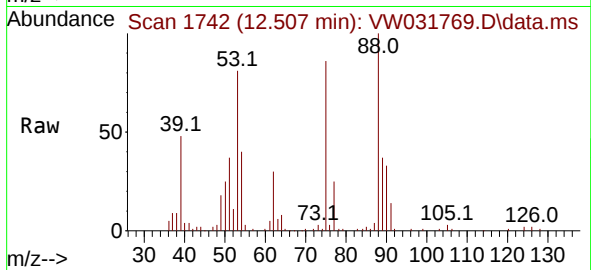
Tgt Ion: 75 Resp: 17996

Ion Ratio Lower Upper

75 100

53 110.5 83.5 125.3

89 49.0 38.3 57.5



#82

4-Chlorotoluene

Concen: 23.241 ug/l

RT: 12.983 min Scan# 1820

Delta R.T. -0.006 min

Lab File: VW031769.D

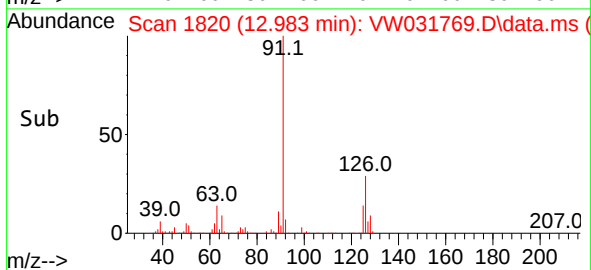
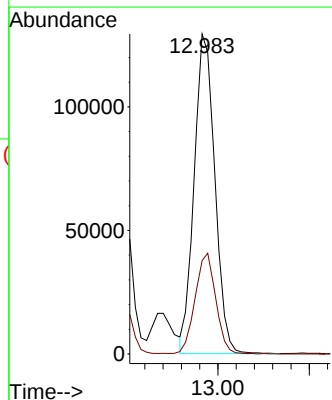
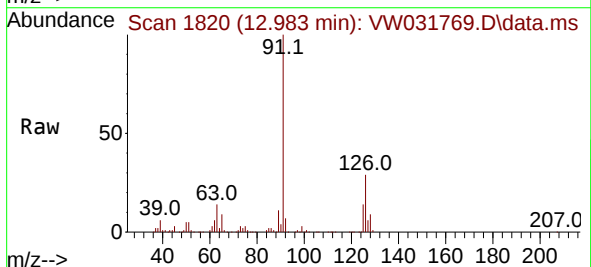
Acq: 09 Jul 2025 11:34

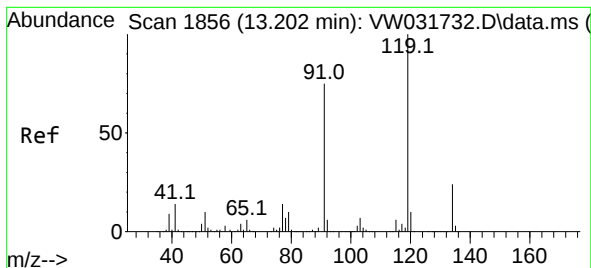
Tgt Ion: 91 Resp: 203312

Ion Ratio Lower Upper

91 100

126 31.5 16.0 47.9

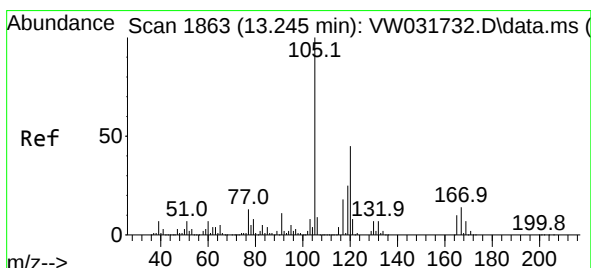
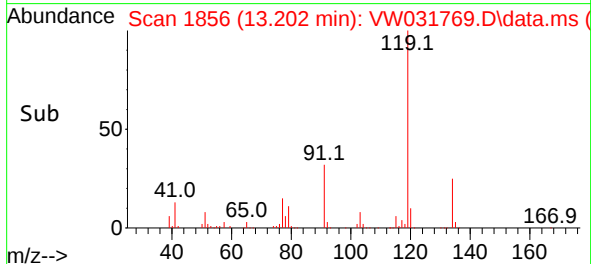
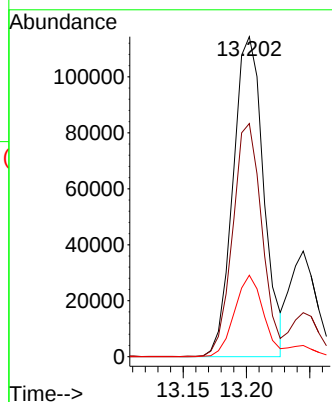
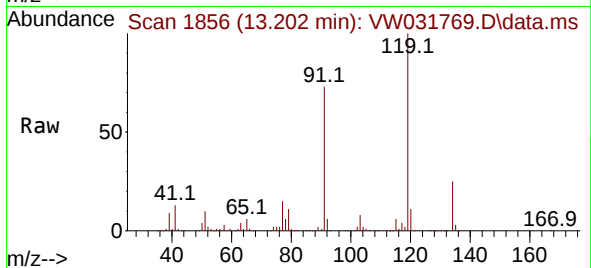




#83
tert-Butylbenzene
Concen: 23.494 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

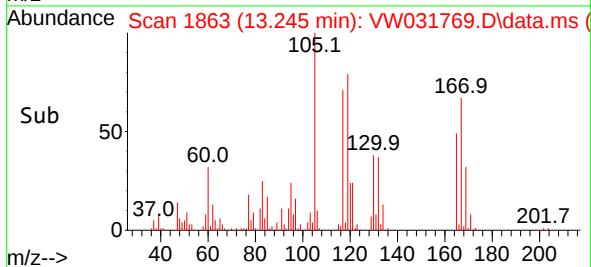
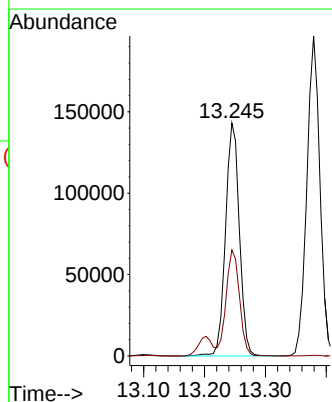
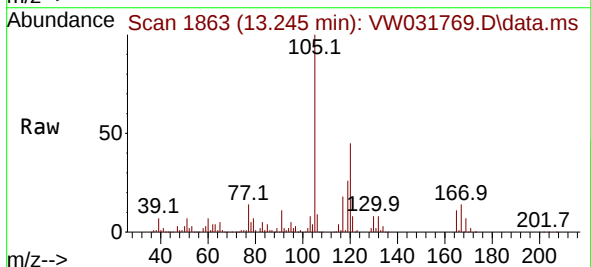
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tgt Ion:119 Resp: 192492
Ion Ratio Lower Upper
119 100
91 69.6 36.0 108.1
134 24.4 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 23.326 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion:105 Resp: 226061
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 23.782 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

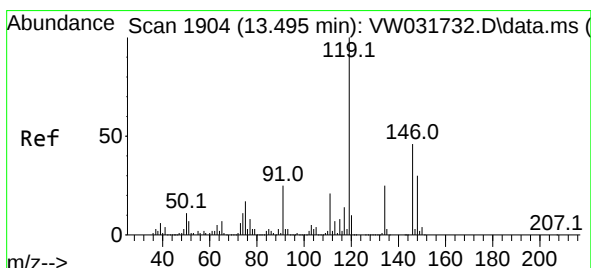
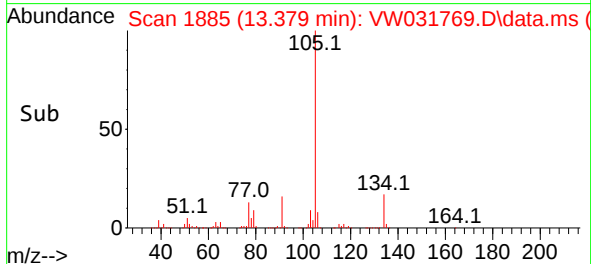
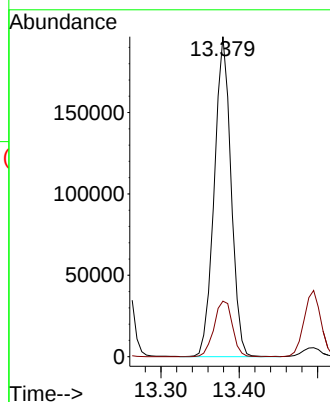
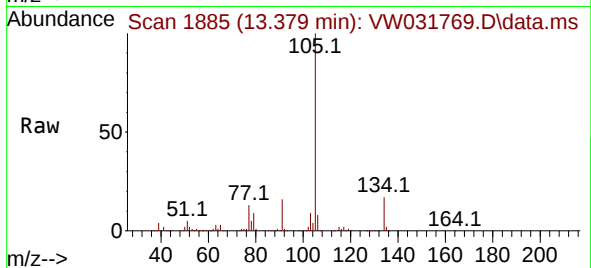
VW0709SBS01

Tgt Ion:105 Resp: 292468

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 23.475 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

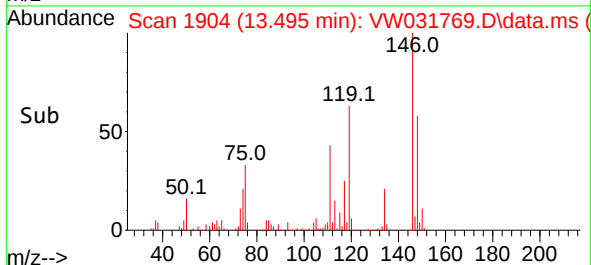
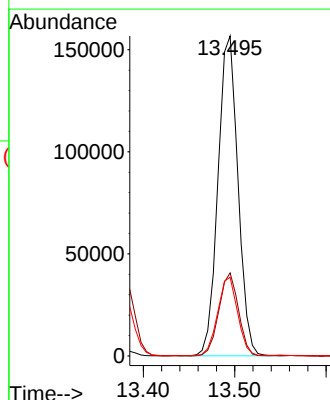
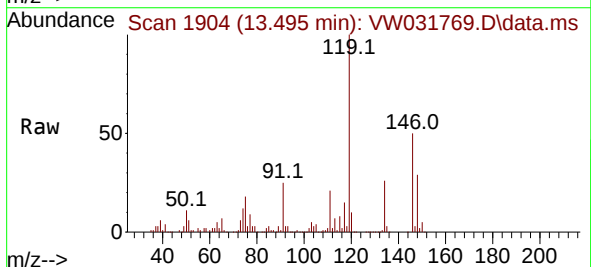
Tgt Ion:119 Resp: 237925

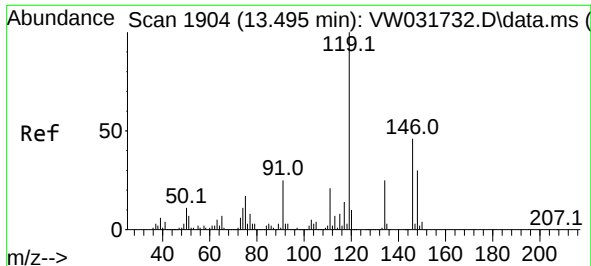
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 24.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 24.086 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

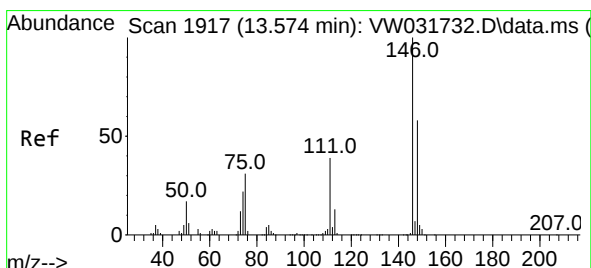
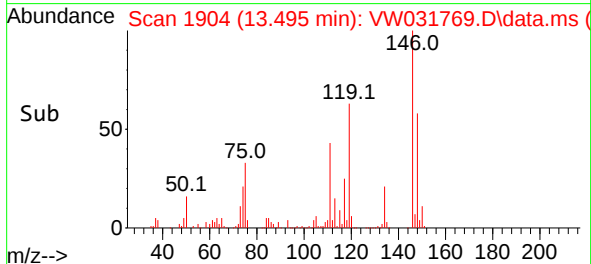
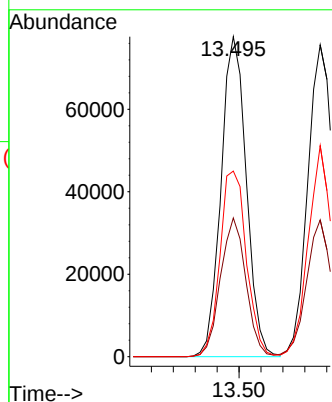
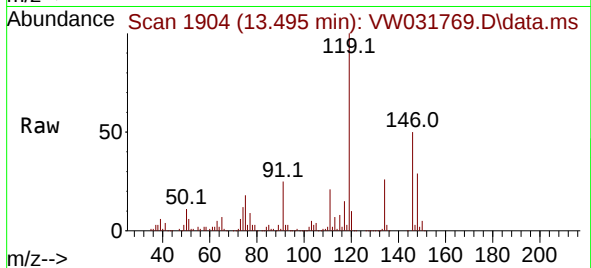
Tgt Ion:146 Resp: 124488

Ion Ratio Lower Upper

146 100

111 43.5 22.3 66.9

148 60.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 23.438 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

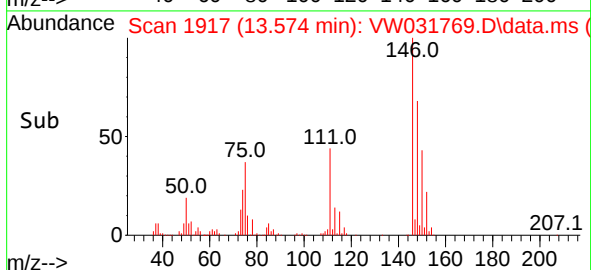
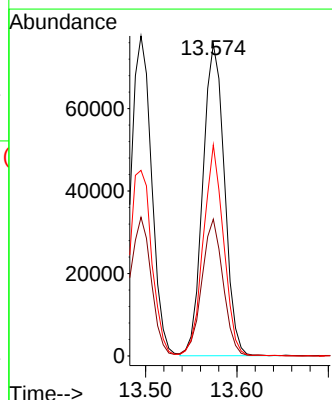
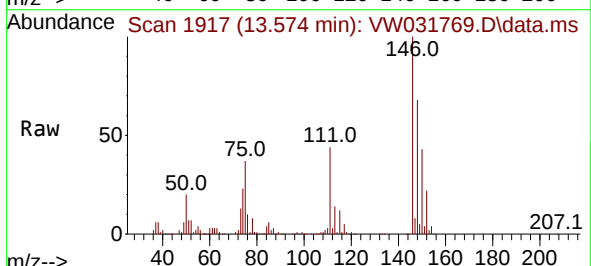
Tgt Ion:146 Resp: 123994

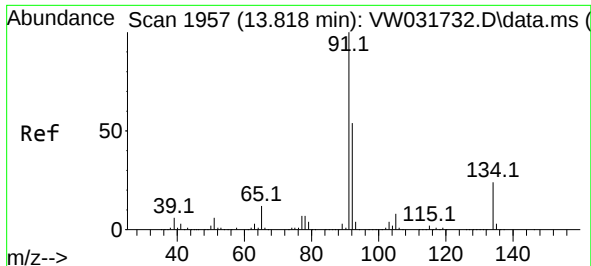
Ion Ratio Lower Upper

146 100

111 43.2 20.4 61.3

148 63.9 30.2 90.6

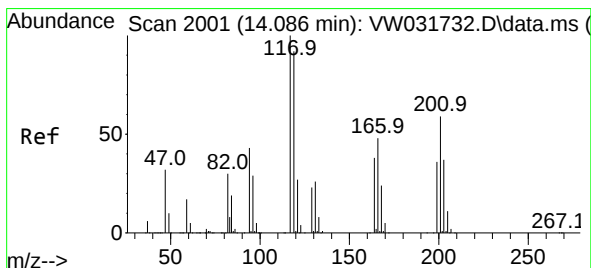
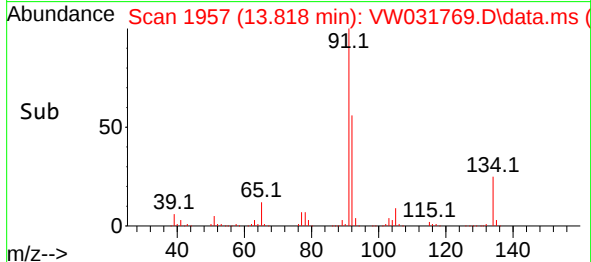
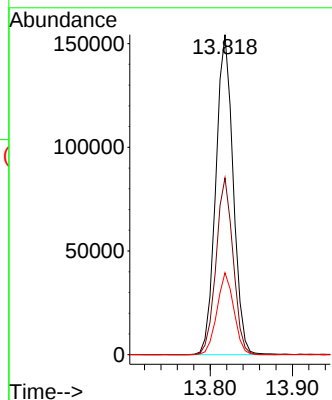
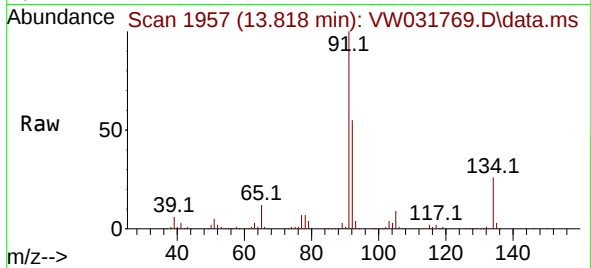




#89
n-Butylbenzene
Concen: 22.980 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

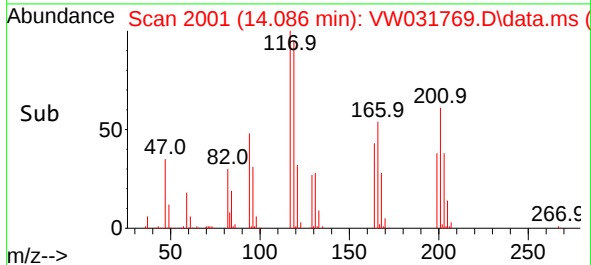
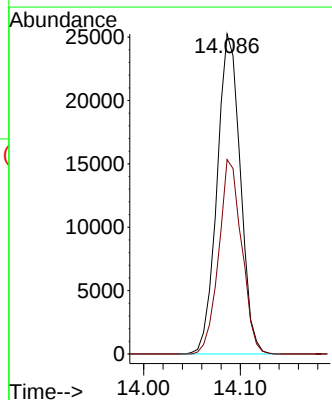
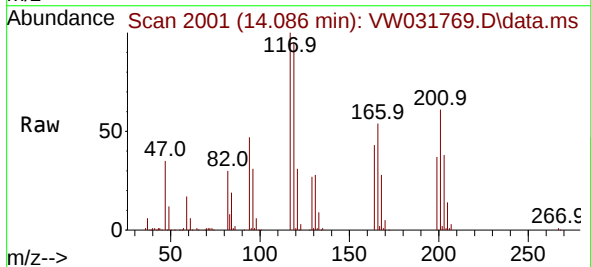
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

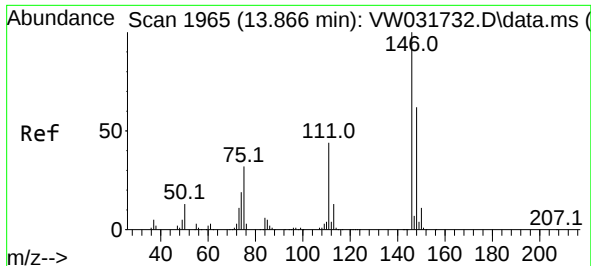
Tgt Ion: 91 Resp: 226293
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 24.9 12.2 36.6



#90
Hexachloroethane
Concen: 23.059 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion: 117 Resp: 42163
Ion Ratio Lower Upper
117 100
201 59.9 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 24.301 ug/l

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

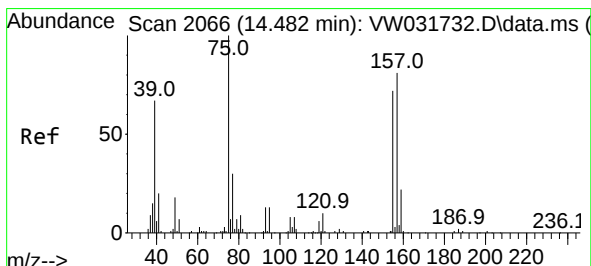
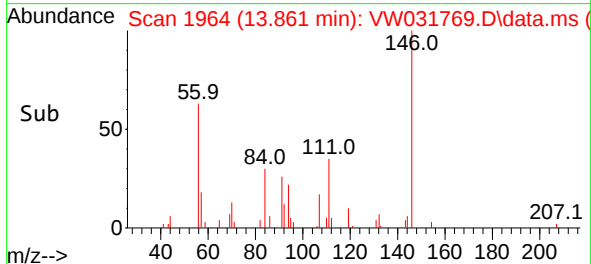
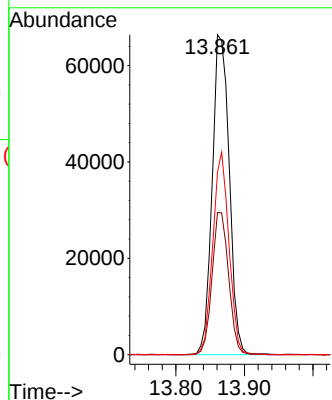
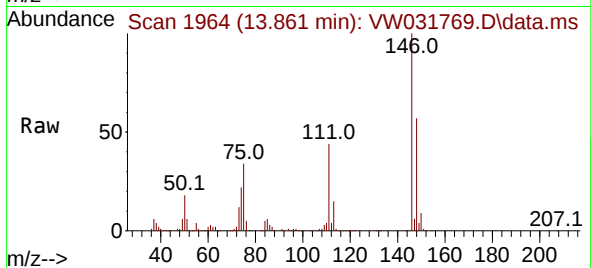
Tgt Ion:146 Resp: 114797

Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

148 60.0 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.940 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

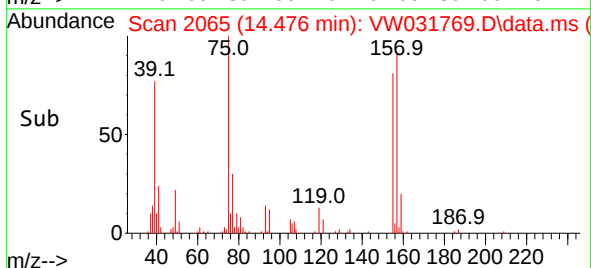
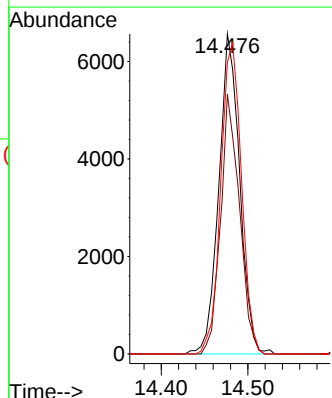
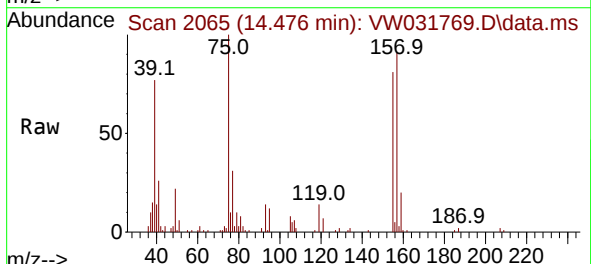
Tgt Ion: 75 Resp: 10990

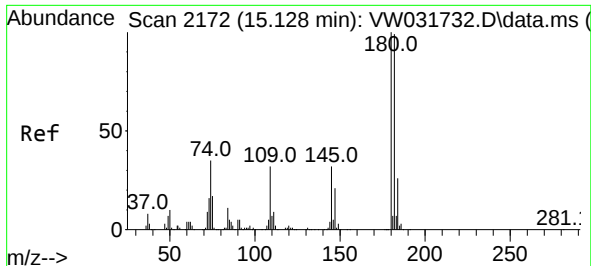
Ion Ratio Lower Upper

75 100

155 73.5 37.2 111.6

157 96.4 45.6 136.9

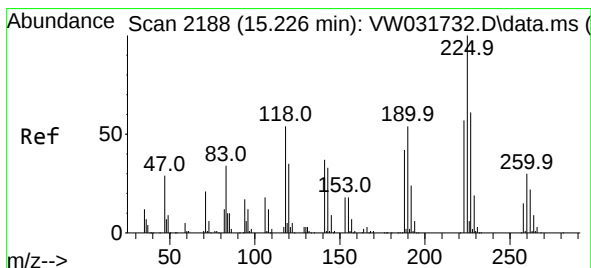
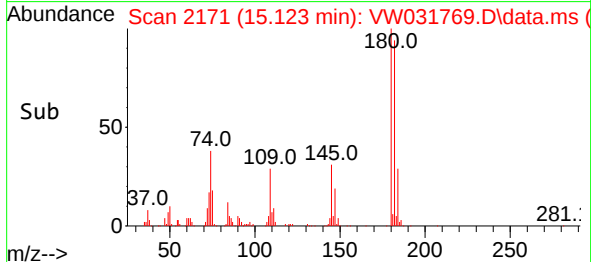
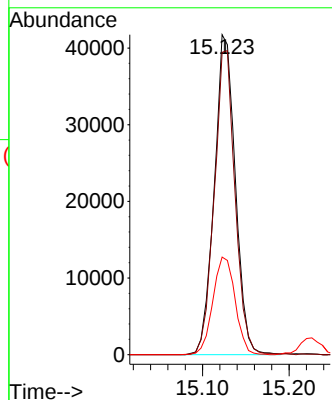
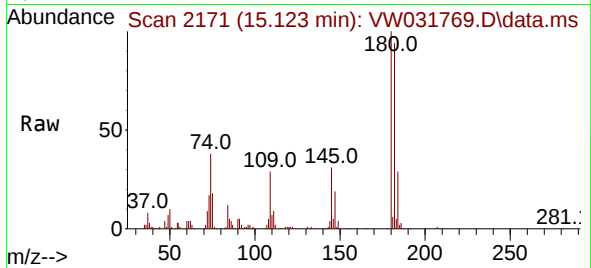




#93
1,2,4-Trichlorobenzene
Concen: 24.185 ug/l
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

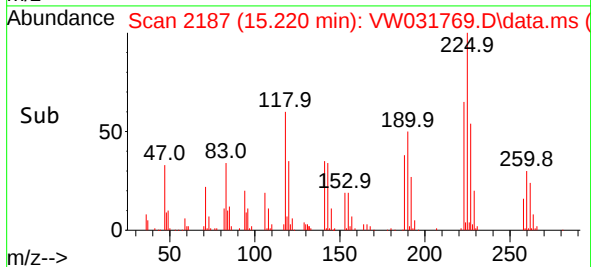
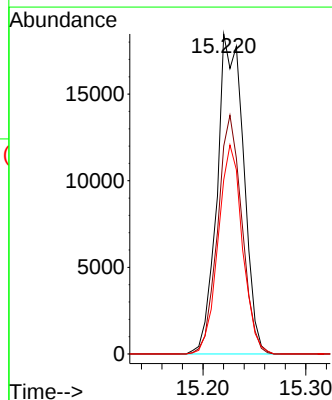
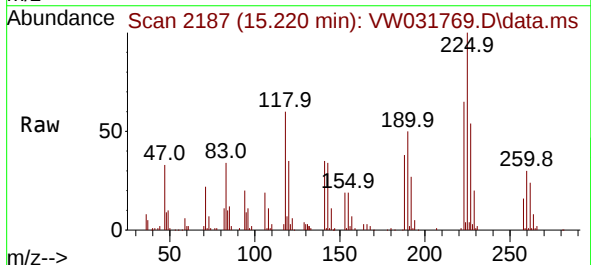
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

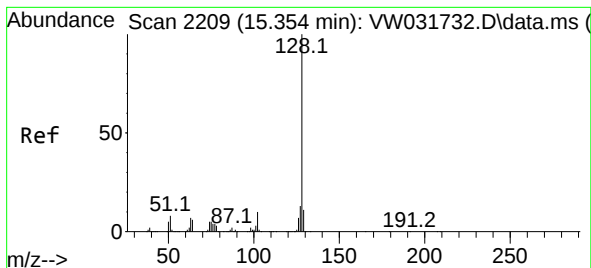
Tgt Ion:180 Resp: 70459
Ion Ratio Lower Upper
180 100
182 93.8 48.6 145.9
145 32.3 17.3 51.7



#94
Hexachlorobutadiene
Concen: 23.462 ug/l
RT: 15.220 min Scan# 2187
Delta R.T. -0.006 min
Lab File: VW031769.D
Acq: 09 Jul 2025 11:34

Tgt Ion:225 Resp: 33007
Ion Ratio Lower Upper
225 100
223 68.2 32.6 97.8
227 60.0 37.3 111.8





#95

Naphthalene

Concen: 22.256 ug/l

RT: 15.360 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

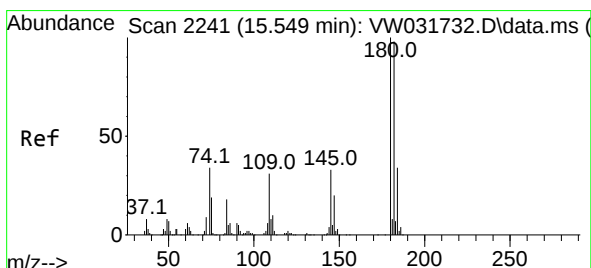
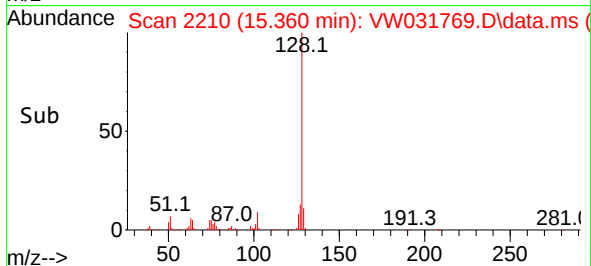
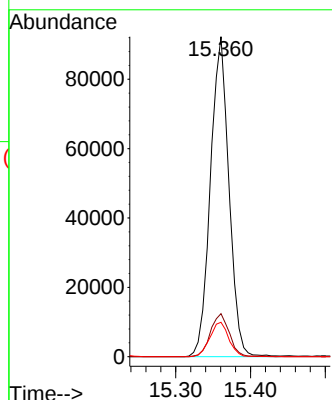
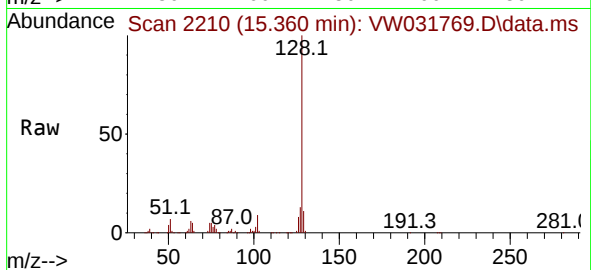
Tgt Ion:128 Resp: 158962

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 23.386 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031769.D

Acq: 09 Jul 2025 11:34

Tgt Ion:180 Resp: 62603

Ion Ratio Lower Upper

180 100

182 94.1 46.4 139.1

145 36.2 17.8 53.3

