

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032448.D
 Acq On : 17 Nov 2025 11:29
 Operator : SY/MD
 Sample : VW1117SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBS01

Quant Time: Nov 18 03:01:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	366813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	666197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	611687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	293947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	263566	55.733	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 111.460%	
35) Dibromofluoromethane	7.898	113	222440	55.768	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 111.540%	
50) Toluene-d8	10.325	98	845364	55.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 110.500%	
62) 4-Bromofluorobenzene	12.617	95	315020	54.497	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 109.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	39077	20.997	ug/l	99
3) Chloromethane	2.253	50	71413	22.387	ug/l	98
4) Vinyl Chloride	2.405	62	94182	23.394	ug/l	100
5) Bromomethane	2.814	94	58307	21.651	ug/l	94
6) Chloroethane	2.966	64	57200	21.716	ug/l	98
7) Trichlorofluoromethane	3.302	101	59973	19.000	ug/l	88
8) Diethyl Ether	3.716	74	54664	21.182	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	78171	22.735	ug/l	97
10) Methyl Iodide	4.301	142	119307	21.543	ug/l	99
11) Tert butyl alcohol	5.216	59	38843	94.988	ug/l	97
12) 1,1-Dichloroethene	4.082	96	88073	22.338	ug/l	95
13) Acrolein	3.923	56	66081	96.314	ug/l	99
14) Allyl chloride	4.704	41	162027	21.370	ug/l	98
15) Acrylonitrile	5.399	53	155835	104.440	ug/l	98
16) Acetone	4.161	43	169158	119.561	ug/l	99
17) Carbon Disulfide	4.417	76	257541	22.101	ug/l	99
18) Methyl Acetate	4.704	43	73162	20.882	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	168559	20.281	ug/l	99
20) Methylene Chloride	4.948	84	106652	21.078	ug/l	99
21) trans-1,2-Dichloroethene	5.454	96	101057	22.416	ug/l	96
22) Diisopropyl ether	6.338	45	340409	22.051	ug/l	98
23) Vinyl Acetate	6.277	43	1128299	106.679	ug/l	97
24) 1,1-Dichloroethane	6.246	63	189525	22.408	ug/l	99
25) 2-Butanone	7.191	43	227610	109.197	ug/l	99
26) 2,2-Dichloropropane	7.185	77	98861	20.973	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	113884	21.141	ug/l	96
28) Bromochloromethane	7.527	49	90473	22.633	ug/l	95
29) Tetrahydrofuran	7.551	42	137054	103.595	ug/l	99
30) Chloroform	7.691	83	188628	22.782	ug/l	97
31) Cyclohexane	7.965	56	166829	21.324	ug/l #	97
32) 1,1,1-Trichloroethane	7.886	97	132943	22.476	ug/l	97
36) 1,1-Dichloropropene	8.093	75	134608	22.904	ug/l	99
37) Ethyl Acetate	7.270	43	92758	21.226	ug/l	98
38) Carbon Tetrachloride	8.081	117	121135	23.198	ug/l	96
39) Methylcyclohexane	9.343	83	157843	20.732	ug/l	95
40) Benzene	8.331	78	424324	22.420	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	51511	21.457	ug/l	96
42) 1,2-Dichloroethane	8.410	62	126159	22.694	ug/l	99
43) Isopropyl Acetate	8.435	43	160498	20.741	ug/l	98
44) Trichloroethene	9.099	130	95918	21.780	ug/l	100
45) 1,2-Dichloropropane	9.374	63	108060	22.930	ug/l	98
46) Dibromomethane	9.459	93	62049	22.532	ug/l	99
47) Bromodichloromethane	9.648	83	139544	22.214	ug/l	95
48) Methyl methacrylate	9.441	41	72357	19.678	ug/l	94
49) 1,4-Dioxane	9.459	88	17106	443.412	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	470439	109.973	ug/l	99
52) Toluene	10.392	92	260555	22.288	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	138660	21.433	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	162419	21.709	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	83903	22.209	ug/l	97
56) Ethyl methacrylate	10.642	69	118196	20.391	ug/l	99
57) 1,3-Dichloropropane	10.934	76	151106	22.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	334485	108.356	ug/l	100
59) 2-Hexanone	10.965	43	338130	108.037	ug/l	99
60) Dibromochloromethane	11.130	129	92531	21.933	ug/l	99
61) 1,2-Dibromoethane	11.239	107	81437	22.133	ug/l	99
64) Tetrachloroethene	10.861	164	81363	22.462	ug/l	85
65) Chlorobenzene	11.654	112	285562	21.660	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	87263	21.387	ug/l	99
67) Ethyl Benzene	11.727	91	478157	20.961	ug/l	100
68) m/p-Xylenes	11.837	106	375714	43.866	ug/l	98
69) o-Xylene	12.160	106	166293	20.277	ug/l	96
70) Styrene	12.178	104	297489	21.087	ug/l	97
71) Bromoform	12.349	173	48324	19.996	ug/l #	99
73) Isopropylbenzene	12.465	105	434913	20.146	ug/l	99
74) N-amyl acetate	12.270	43	146204	19.489	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	107263	20.936	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	133230	33.056	ug/l	36
77) Bromobenzene	12.745	156	103556	20.260	ug/l	93
78) n-propylbenzene	12.800	91	550164	20.926	ug/l	98
79) 2-Chlorotoluene	12.891	91	325937	20.308	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	367583	20.639	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	33873	19.249	ug/l	92
82) 4-Chlorotoluene	12.983	91	357062	21.390	ug/l	98
83) tert-Butylbenzene	13.202	119	310857	20.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	381209	21.044	ug/l	100
85) sec-Butylbenzene	13.379	105	477805	20.707	ug/l	98
86) p-Isopropyltoluene	13.495	119	384704	20.193	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	208633	21.528	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	216605	21.817	ug/l	98
89) n-Butylbenzene	13.818	91	373902	20.088	ug/l	98
90) Hexachloroethane	14.086	117	71968	20.951	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	192692	21.660	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17252	19.546	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	104063	18.381	ug/l	93
94) Hexachlorobutadiene	15.226	225	52396	22.280	ug/l	97
95) Naphthalene	15.360	128	251128	17.788	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	98004	19.068	ug/l	97

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Response via : Initial Calibration

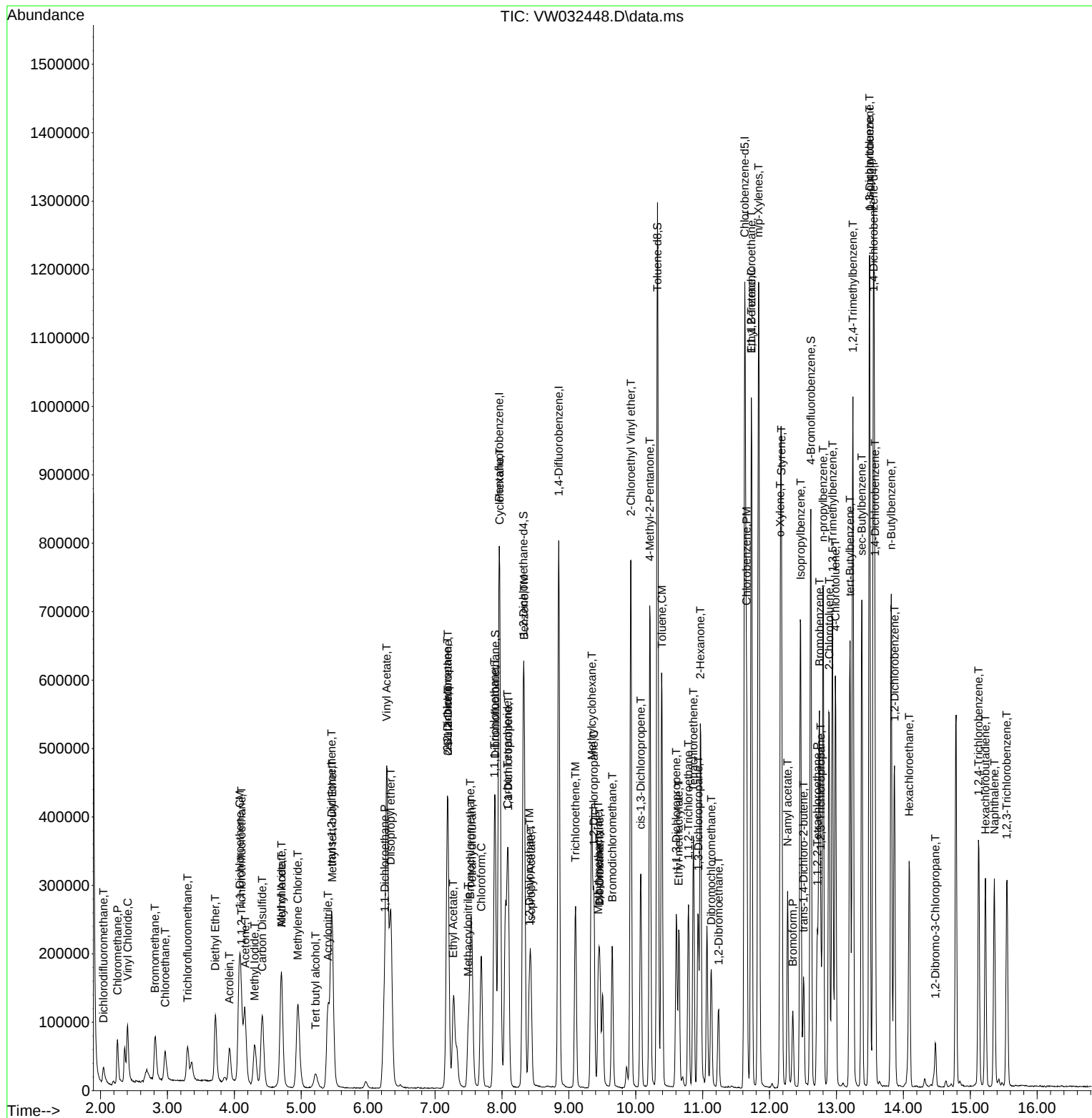
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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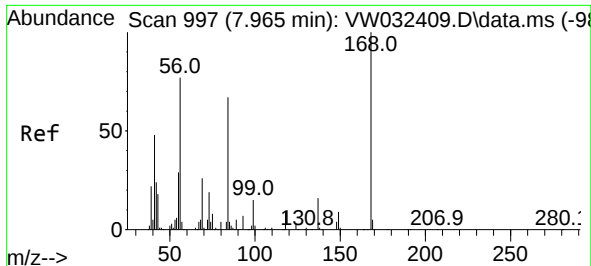
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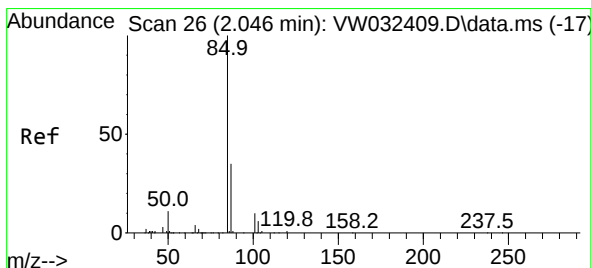
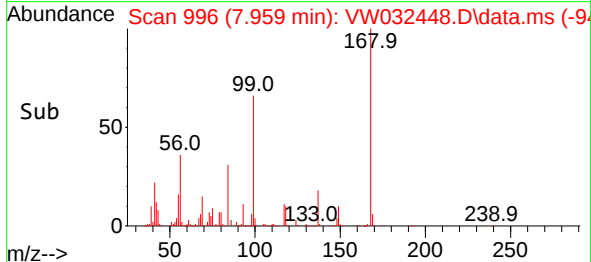
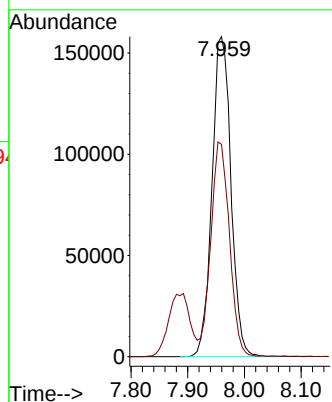
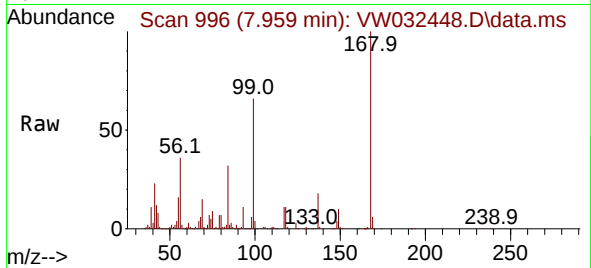




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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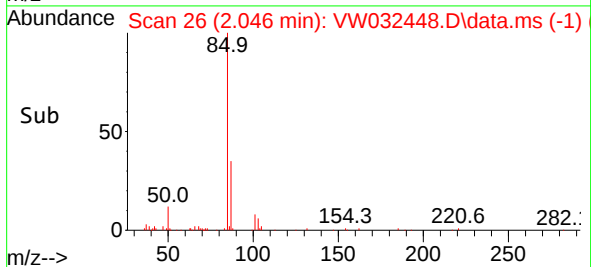
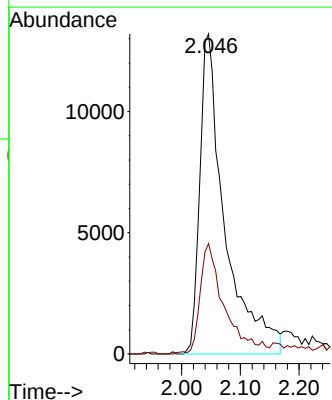
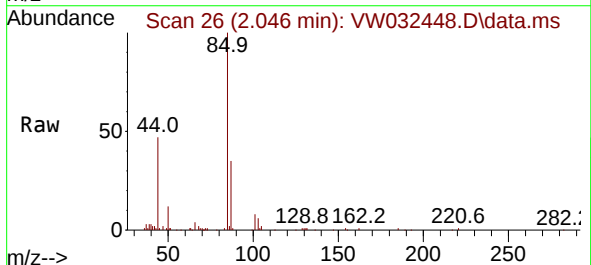
Instrument :
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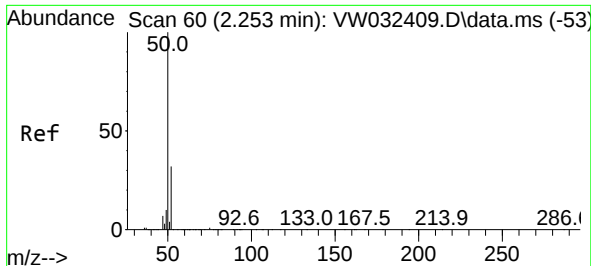
Tgt Ion:168 Resp: 366813
Ion Ratio Lower Upper
168 100
99 66.2 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 20.997 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 85 Resp: 39077
Ion Ratio Lower Upper
85 100
87 33.9 17.4 52.2

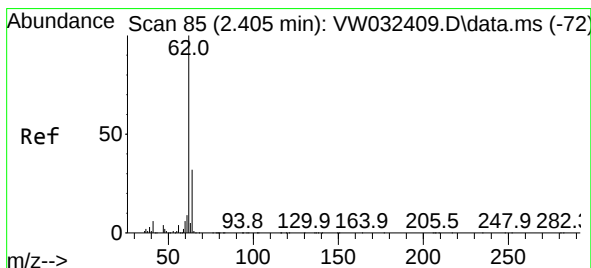
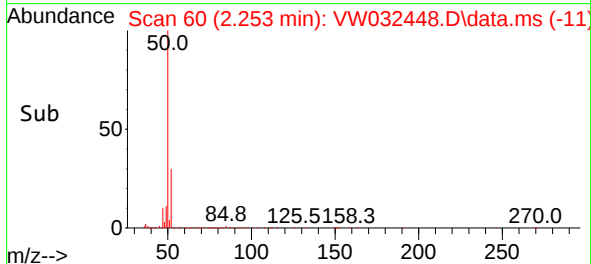
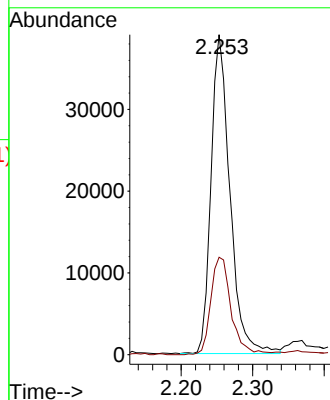
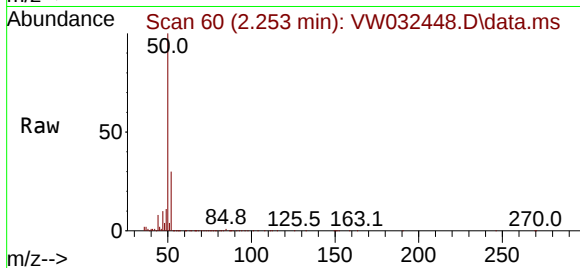




#3
Chloromethane
Concen: 22.387 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

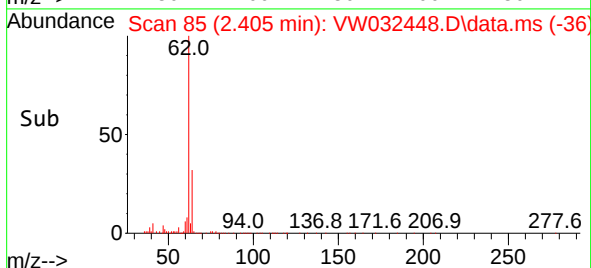
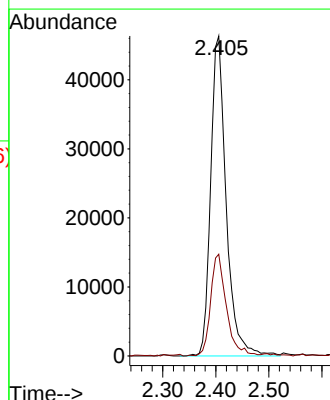
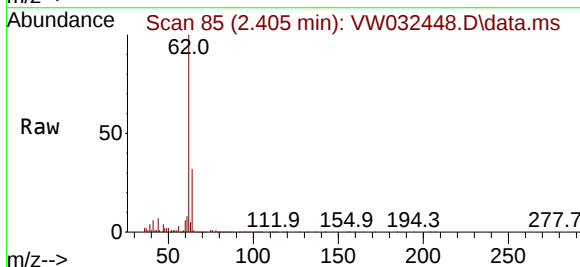
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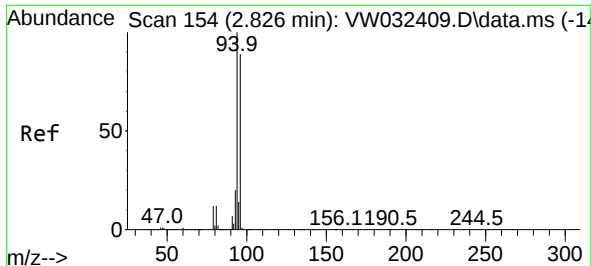
Tgt Ion: 50 Resp: 71413
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3



#4
Vinyl Chloride
Concen: 23.394 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 62 Resp: 94182
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

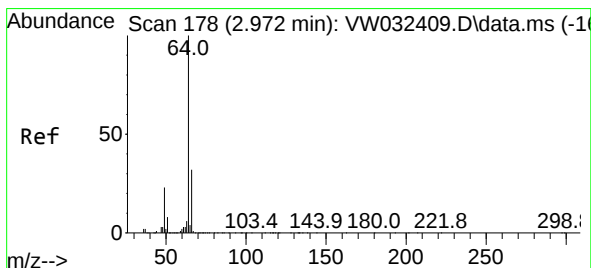
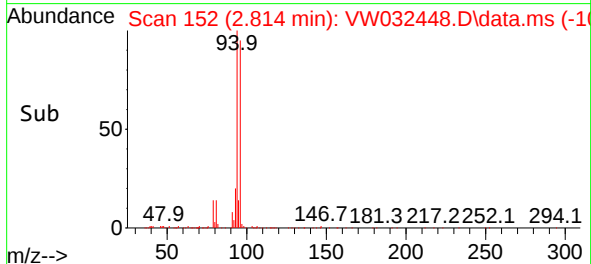
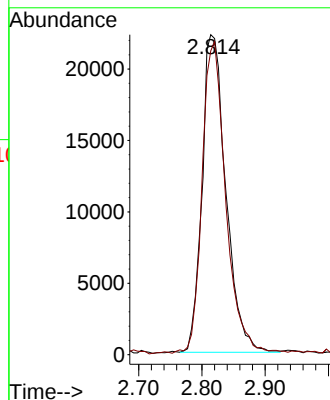
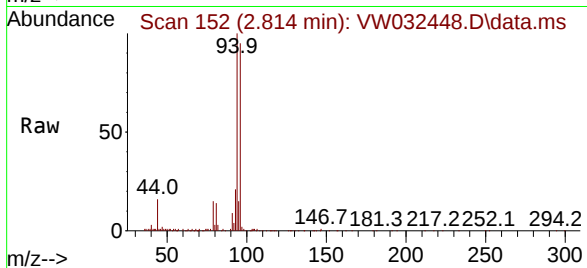




#5
Bromomethane
Concen: 21.651 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032448.D
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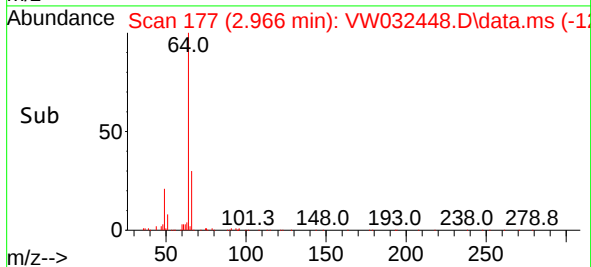
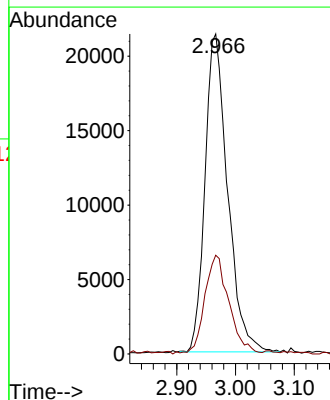
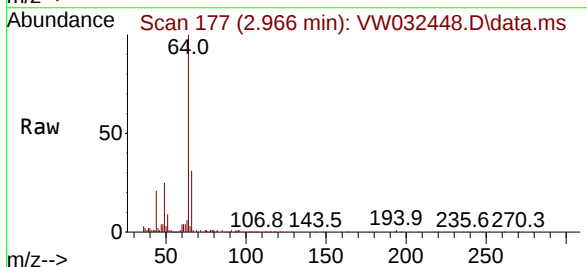
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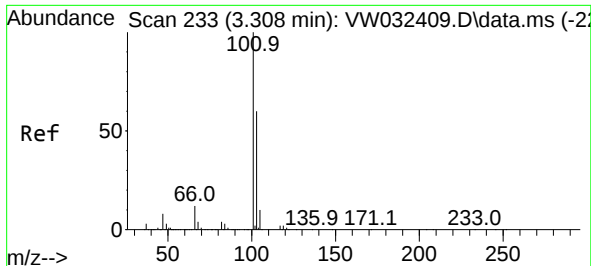
Tgt Ion: 94 Resp: 58307
Ion Ratio Lower Upper
94 100
96 94.6 71.4 107.2



#6
Chloroethane
Concen: 21.716 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032448.D
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Tgt Ion: 64 Resp: 57200
Ion Ratio Lower Upper
64 100
66 30.7 25.6 38.4

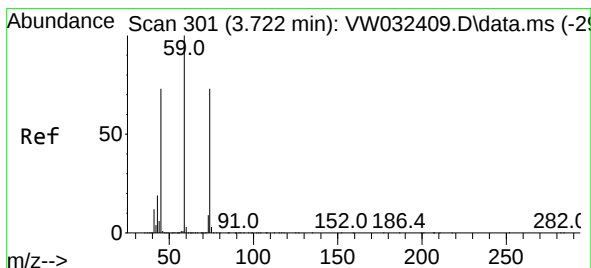
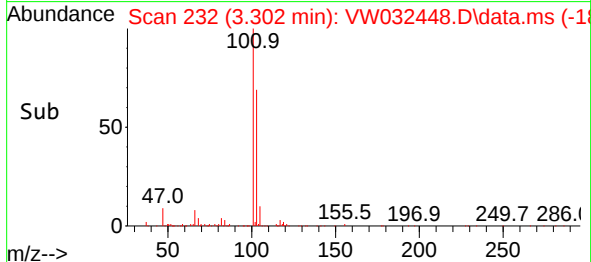
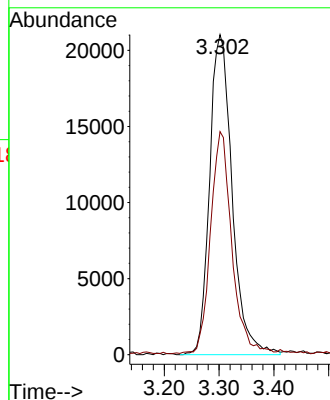
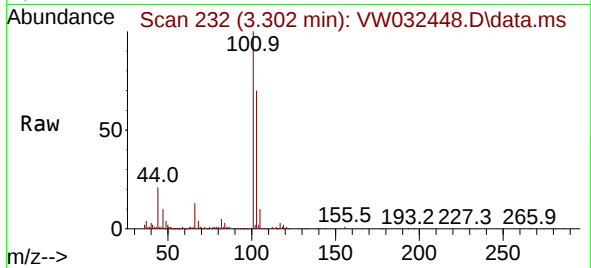




#7
 Trichlorofluoromethane
 Concen: 19.000 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032448.D
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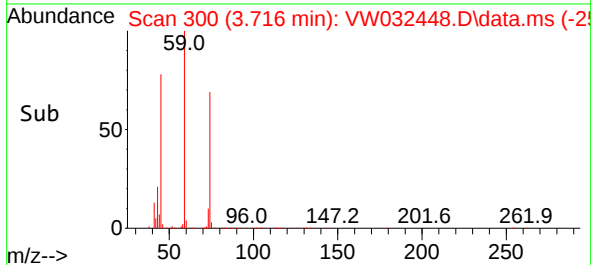
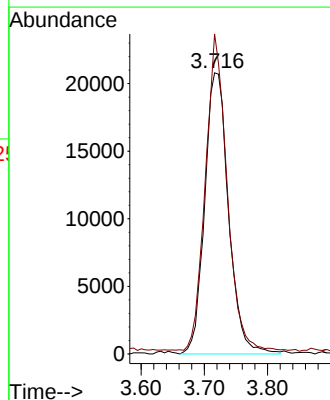
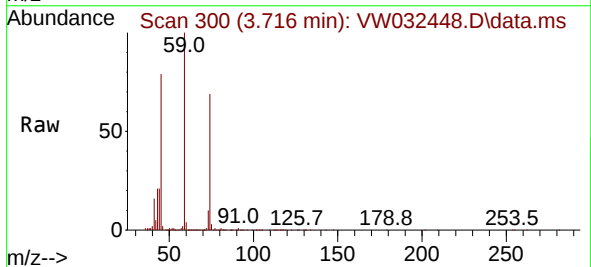
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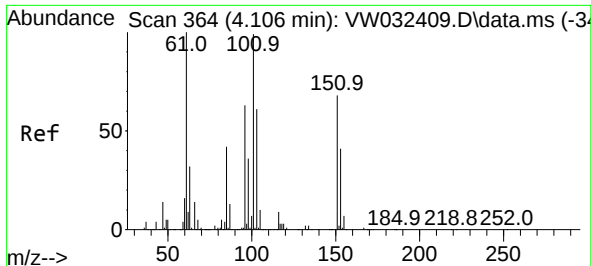
Tgt Ion:101 Resp: 59973
 Ion Ratio Lower Upper
 101 100
 103 69.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 21.182 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 54664
 Ion Ratio Lower Upper
 74 100
 45 103.4 51.8 155.4

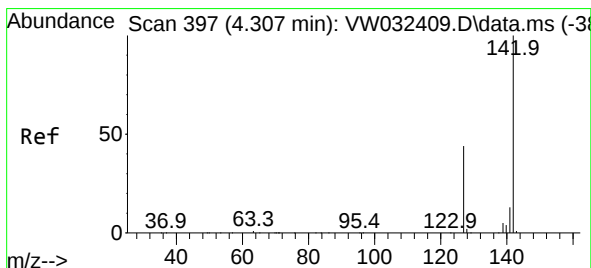
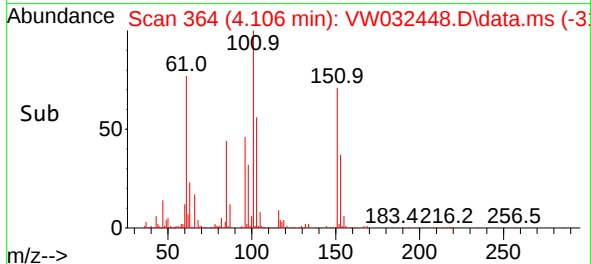
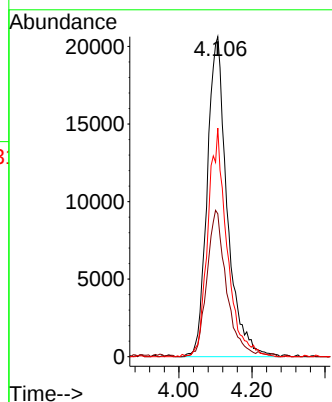
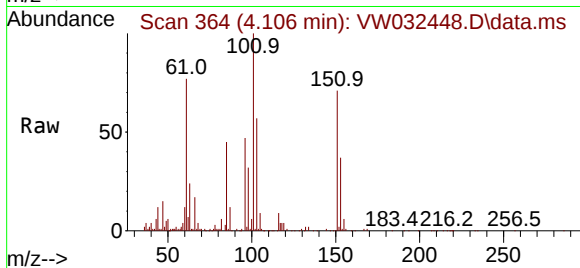




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.735 ug/l
RT: 4.106 min Scan# 301
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

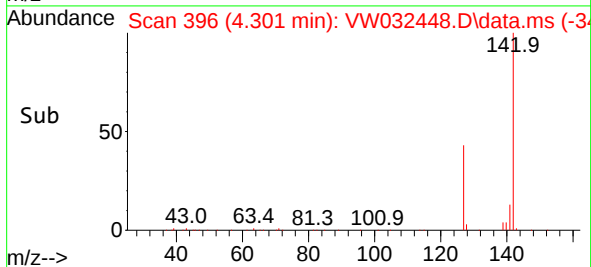
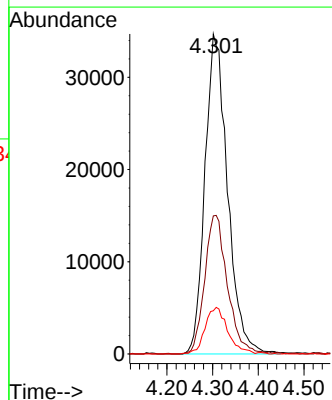
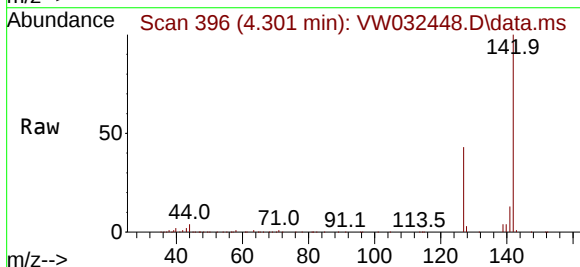
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

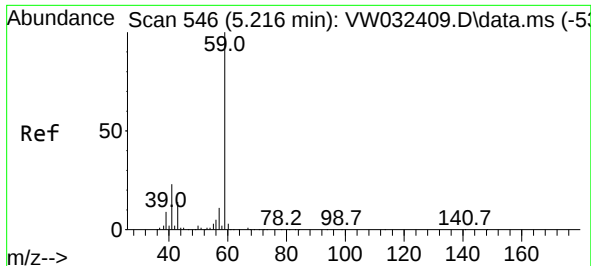
Tgt Ion:101 Resp: 78171
Ion Ratio Lower Upper
101 100
85 44.7 34.1 51.1
151 68.6 56.4 84.6



#10
Methyl Iodide
Concen: 21.543 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion:142 Resp: 119307
Ion Ratio Lower Upper
142 100
127 43.7 34.2 51.2
141 14.6 11.8 17.8

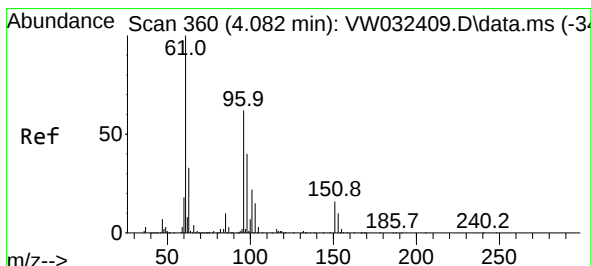
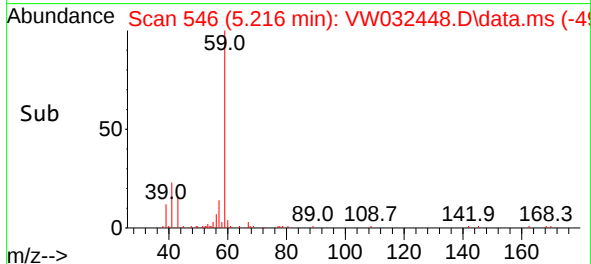
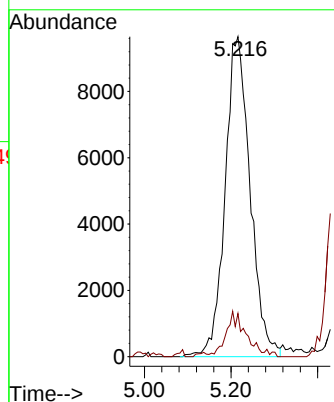
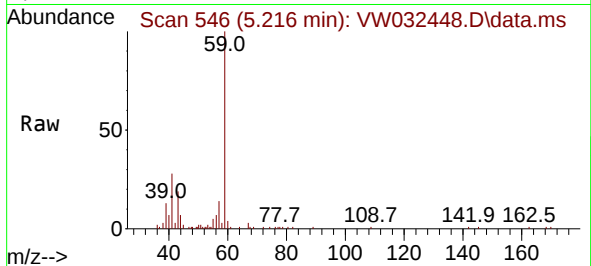




#11
Tert butyl alcohol
Concen: 94.988 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

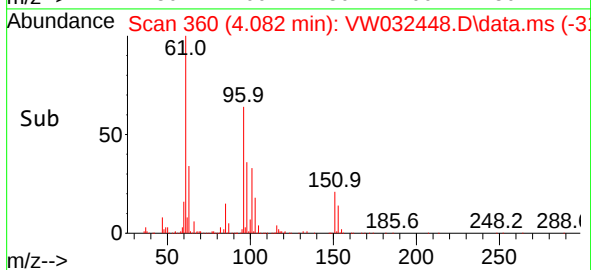
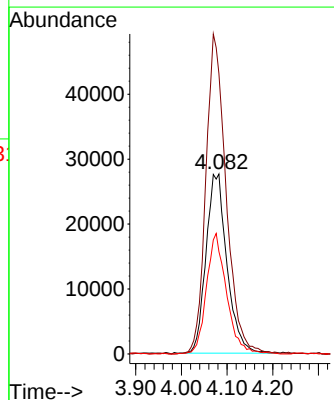
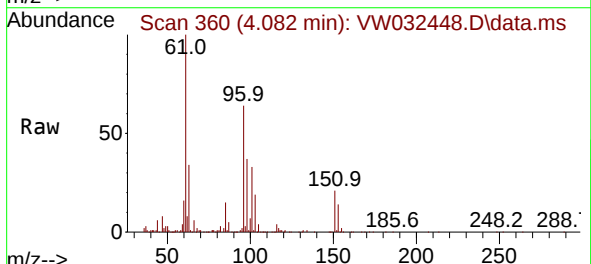
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

Tgt Ion: 59 Resp: 38843
Ion Ratio Lower Upper
59 100
57 9.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 22.338 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 96 Resp: 88073
Ion Ratio Lower Upper
96 100
61 156.0 129.0 193.6
98 57.1 51.1 76.7

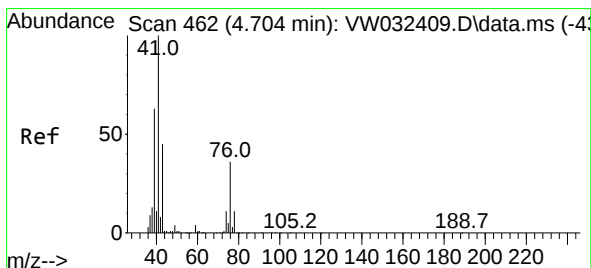
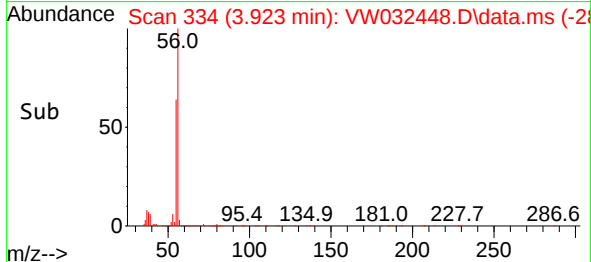
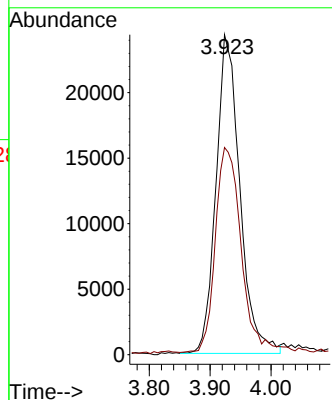
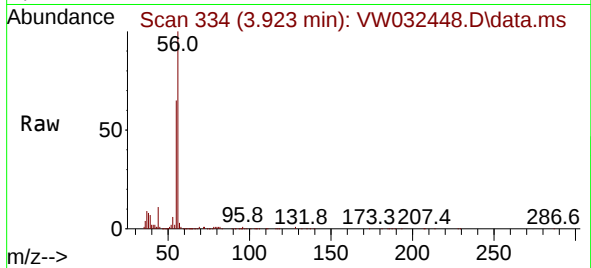




#13
Acrolein
Concen: 96.314 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

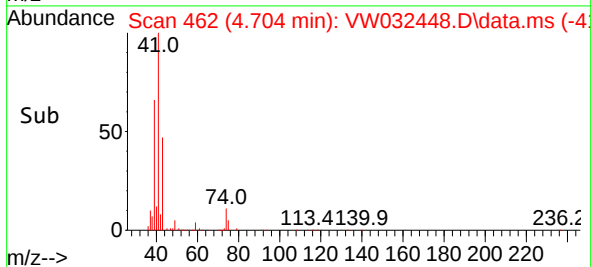
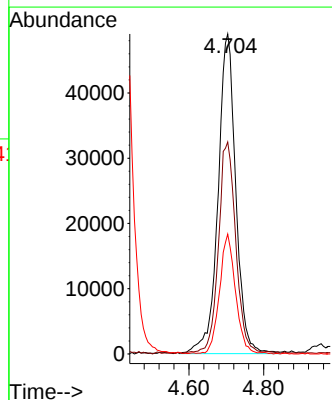
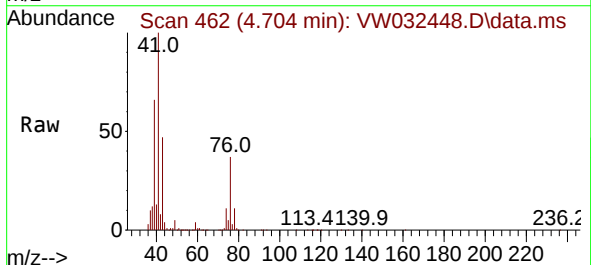
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

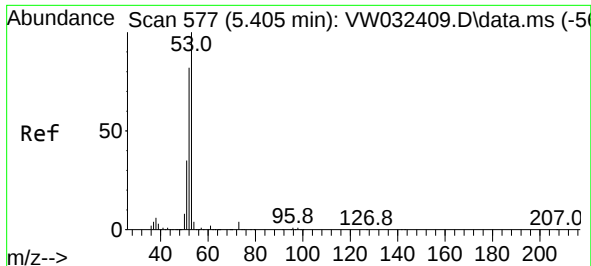
Tgt Ion: 56 Resp: 66081
Ion Ratio Lower Upper
56 100
55 69.7 56.3 84.5



#14
Allyl chloride
Concen: 21.370 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 41 Resp: 162027
Ion Ratio Lower Upper
41 100
39 64.5 50.2 75.2
76 33.0 27.0 40.6

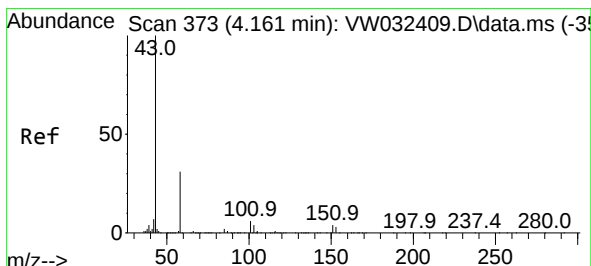
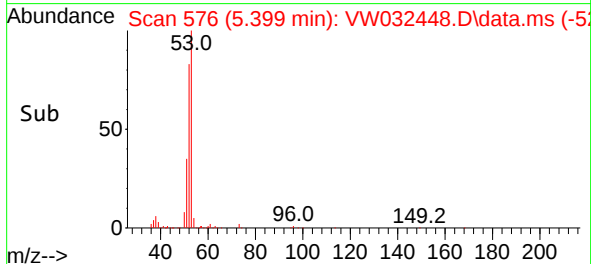
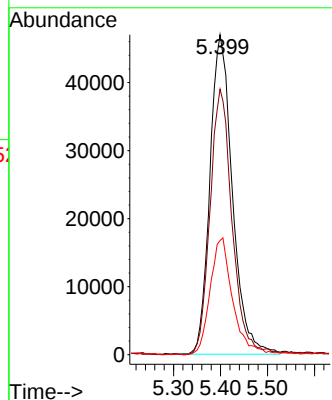
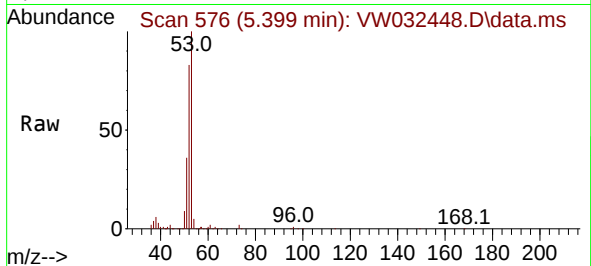




#15
Acrylonitrile
Concen: 104.440 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

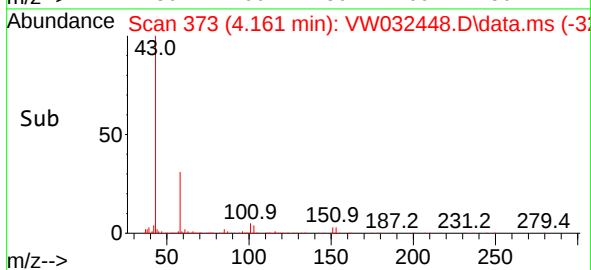
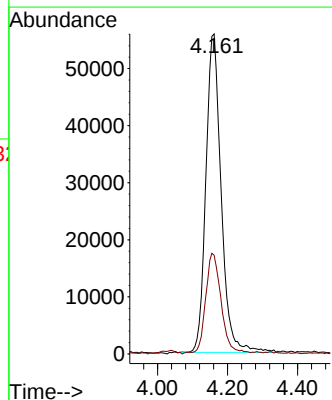
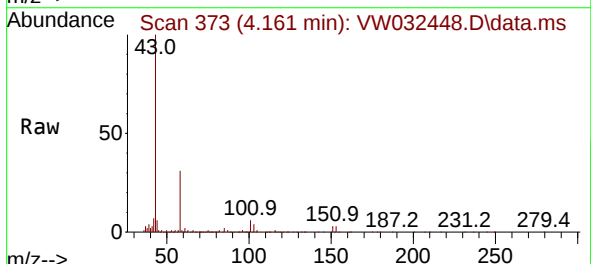
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

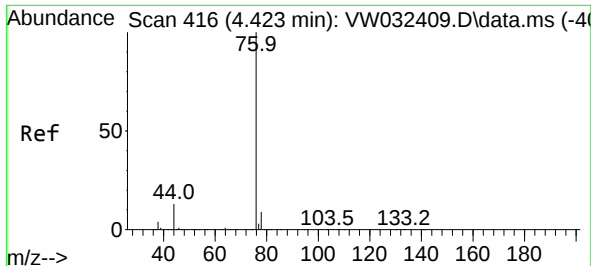
Tgt Ion: 53 Resp: 155835
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 37.0 28.6 43.0



#16
Acetone
Concen: 119.561 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 43 Resp: 169158
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2

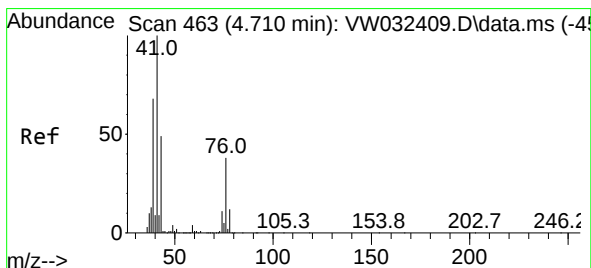
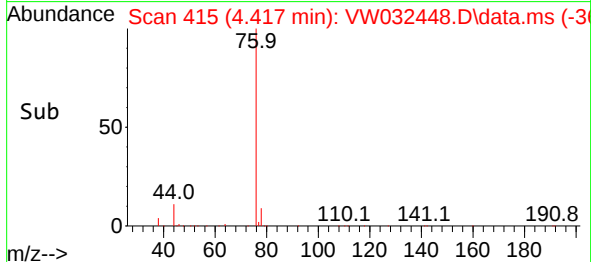
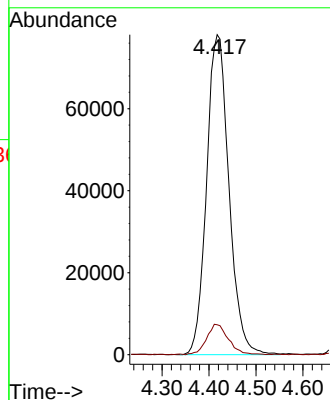
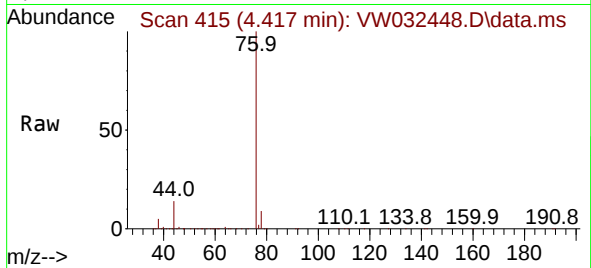




#17
Carbon Disulfide
Concen: 22.101 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

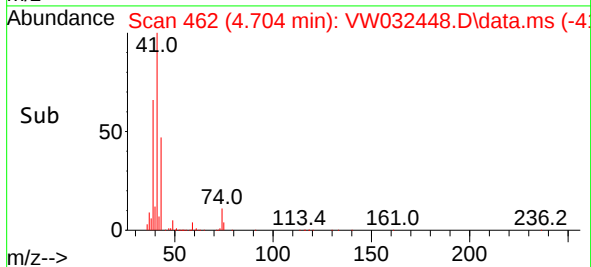
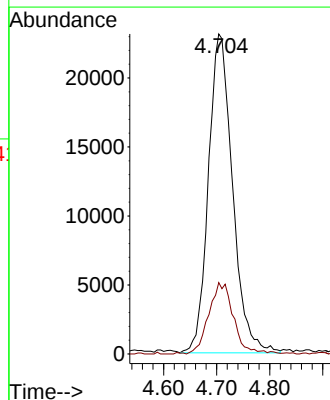
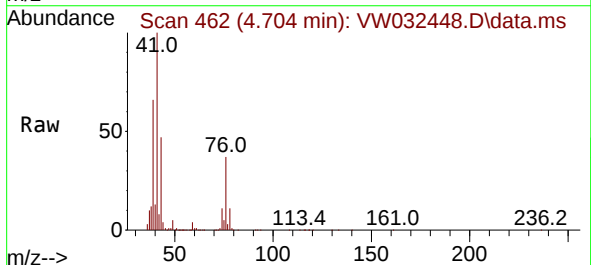
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

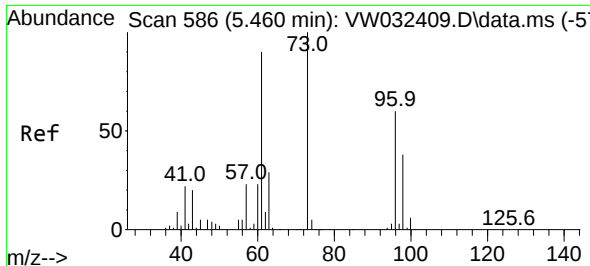
Tgt Ion: 76 Resp: 257541
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 20.882 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 43 Resp: 73162
Ion Ratio Lower Upper
43 100
74 22.9 18.9 28.3

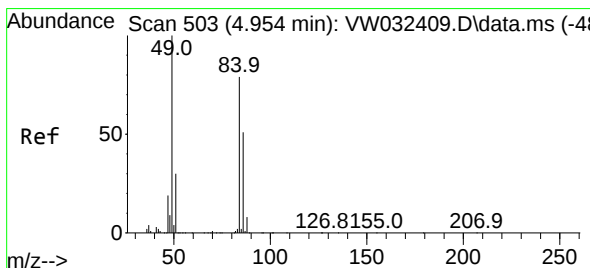
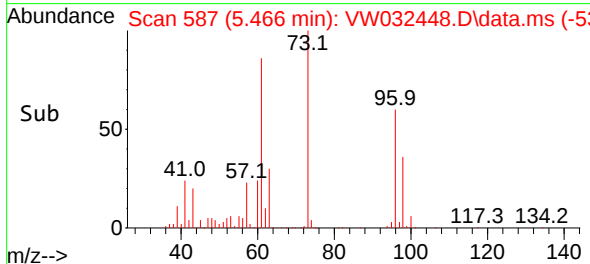
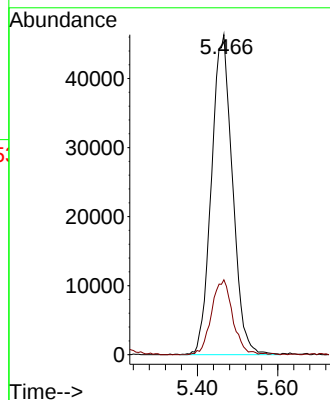
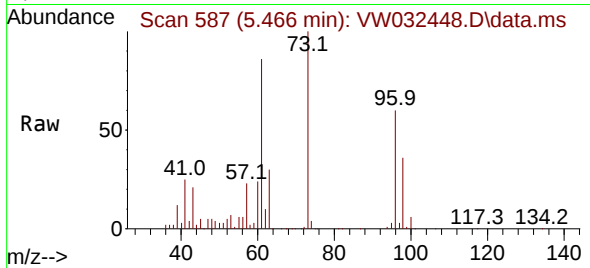




#19
Methyl tert-butyl Ether
Concen: 20.281 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

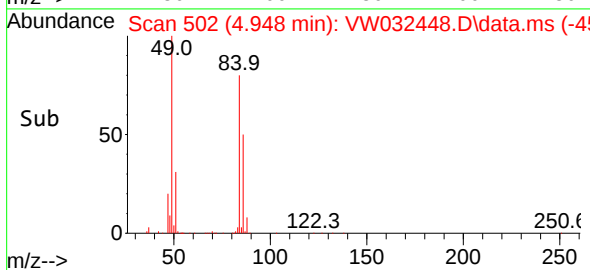
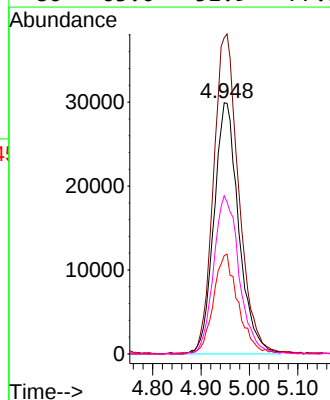
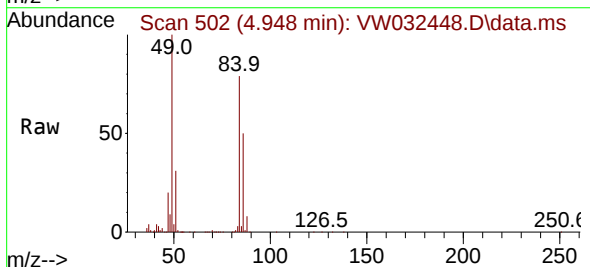
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

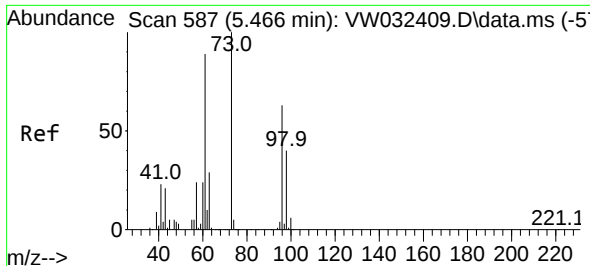
Tgt Ion: 73 Resp: 168559
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5



#20
Methylene Chloride
Concen: 21.078 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 84 Resp: 106652
Ion Ratio Lower Upper
84 100
49 125.9 101.5 152.3
51 38.8 30.6 46.0
86 63.0 51.9 77.9

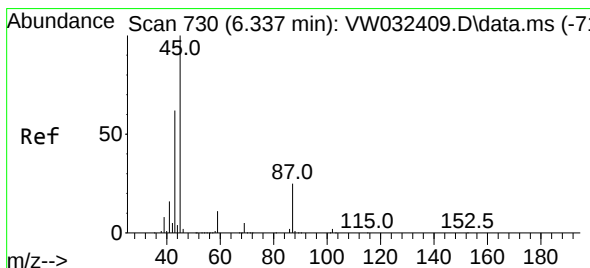
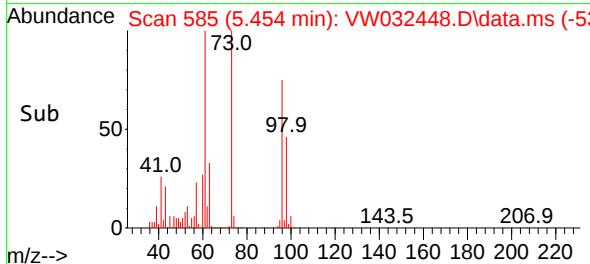
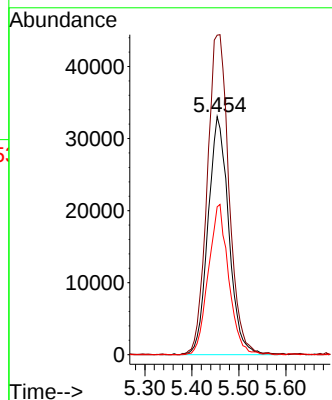
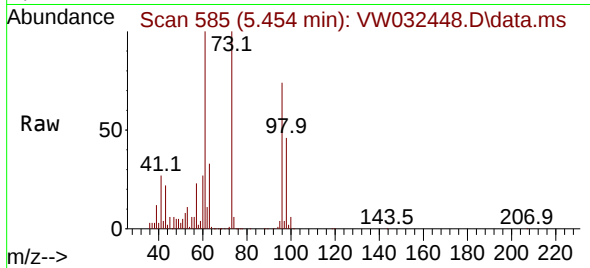




#21
trans-1,2-Dichloroethene
Concen: 22.416 ug/l
RT: 5.454 min Scan# 587
Delta R.T. -0.012 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

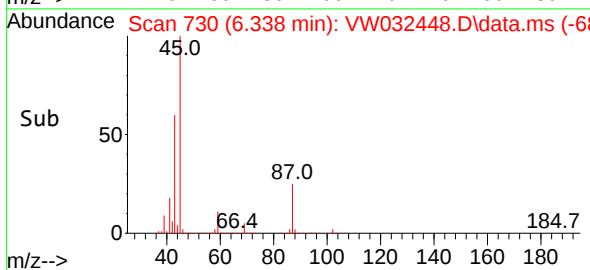
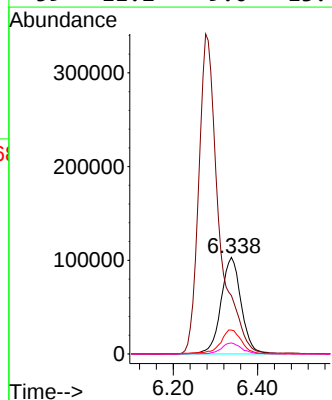
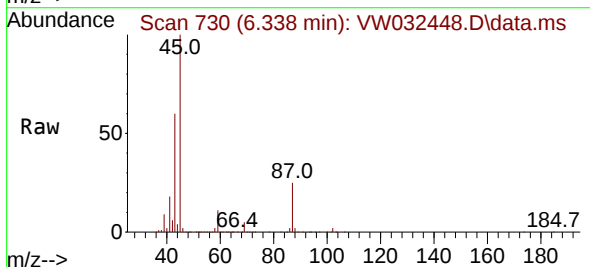
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

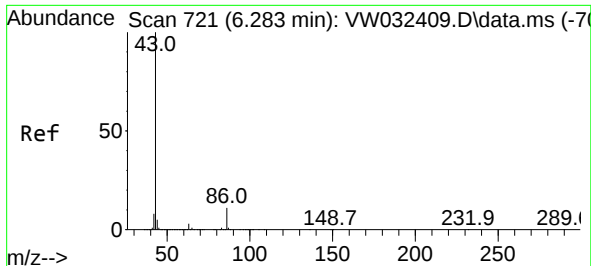
Tgt Ion: 96 Resp: 101057
Ion Ratio Lower Upper
96 100
61 134.2 112.5 168.7
98 62.1 51.1 76.7



#22
Diisopropyl ether
Concen: 22.051 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 45 Resp: 340409
Ion Ratio Lower Upper
45 100
43 60.2 49.4 74.2
87 24.6 20.1 30.1
59 11.2 9.0 13.4

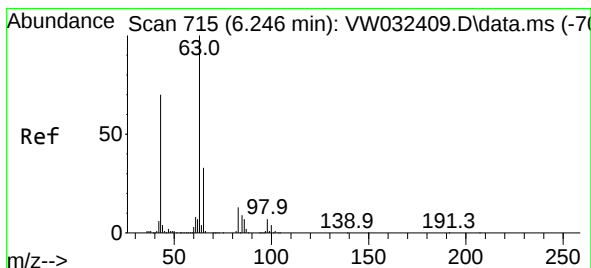
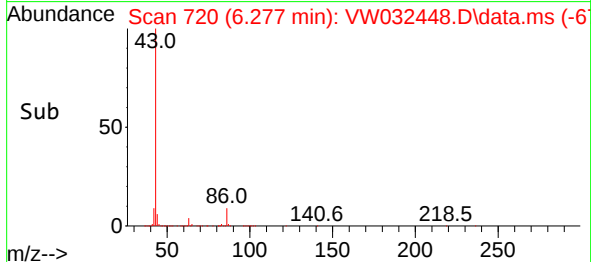
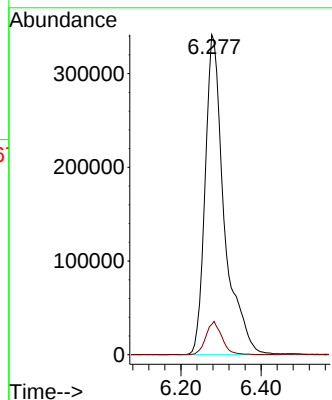
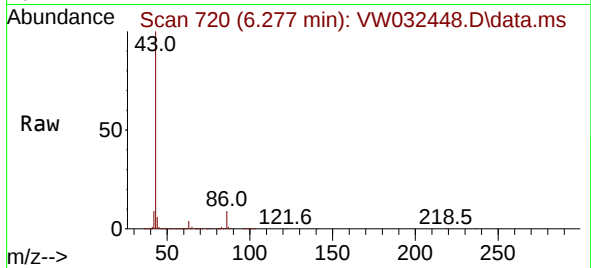




#23
 Vinyl Acetate
 Concen: 106.679 ug/l
 RT: 6.277 min Scan# 715
 Delta R.T. -0.006 min
 Lab File: VW032448.D
 Acq: 17 Nov 2025 11:29

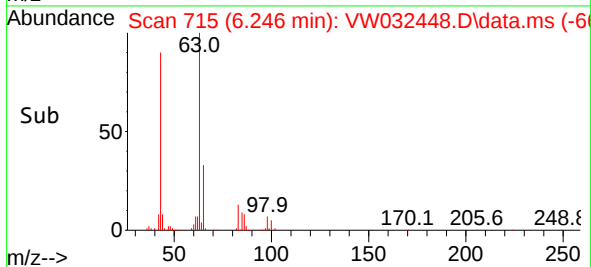
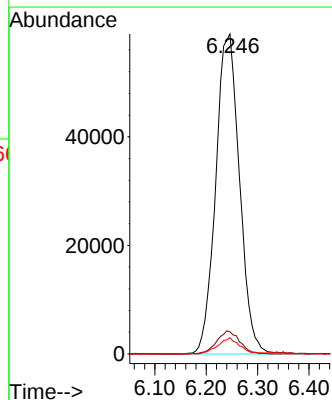
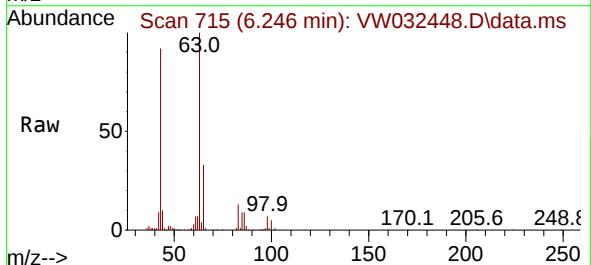
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBS01

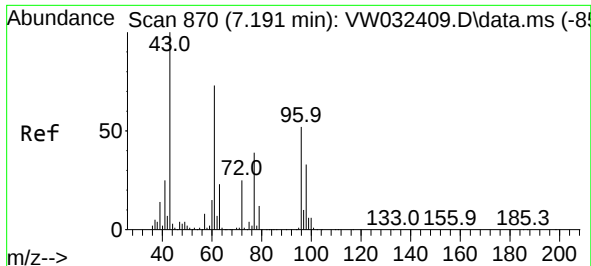
Tgt Ion: 43 Resp: 1128299
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.408 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032448.D
 Acq: 17 Nov 2025 11:29

Tgt Ion: 63 Resp: 189525
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 5.1 2.3 6.8

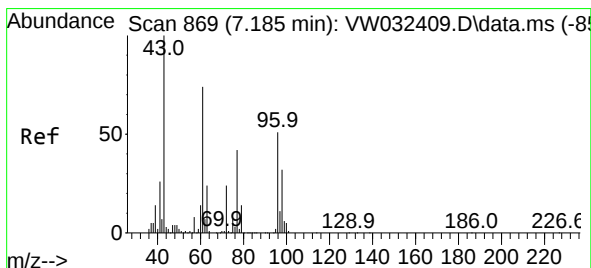
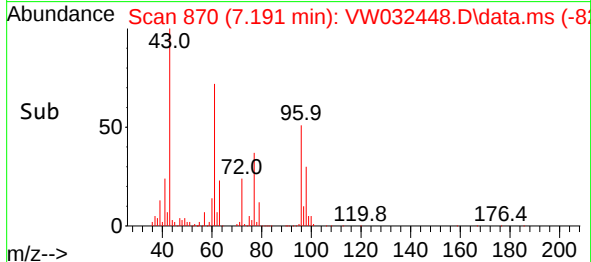
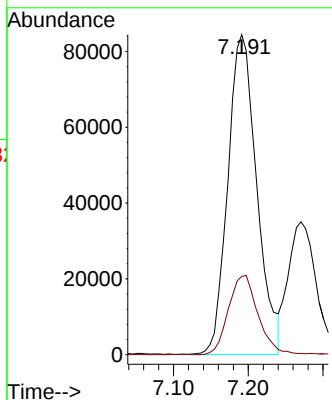
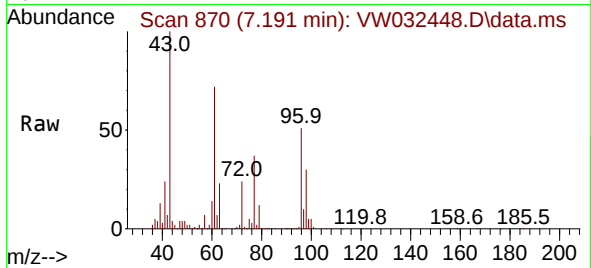




#25
2-Butanone
Concen: 109.197 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

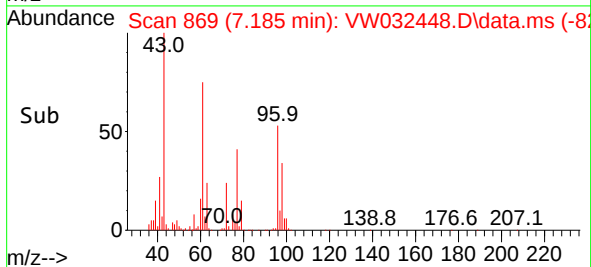
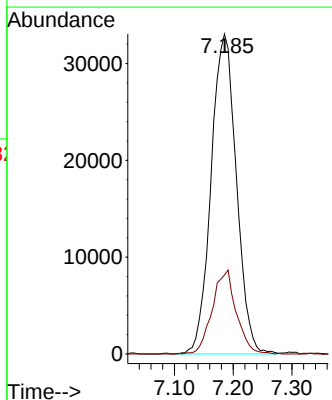
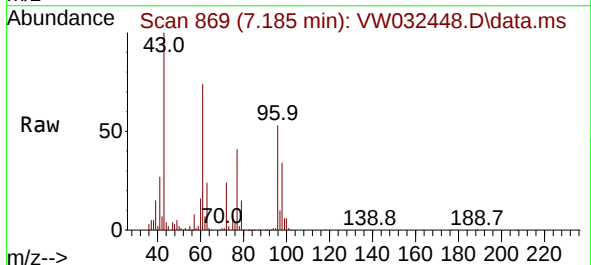
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

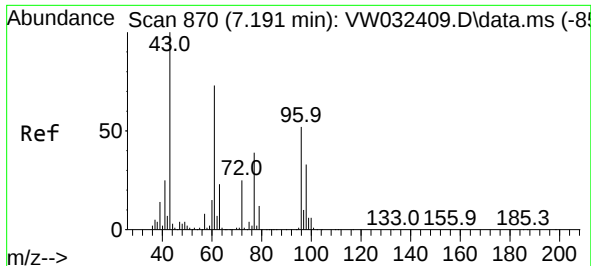
Tgt Ion: 43 Resp: 227610
Ion Ratio Lower Upper
43 100
72 24.4 20.0 30.0



#26
2,2-Dichloropropane
Concen: 20.973 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 77 Resp: 98861
Ion Ratio Lower Upper
77 100
97 24.9 12.3 36.8

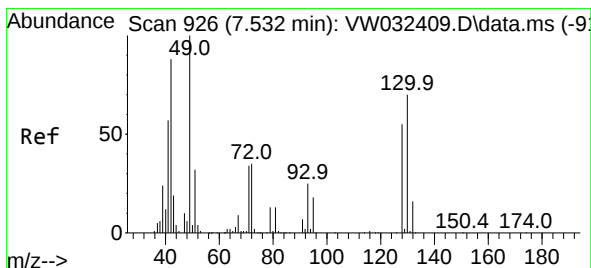
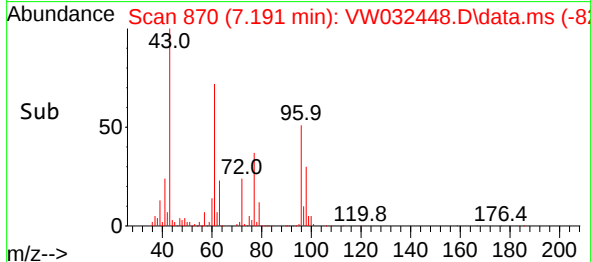
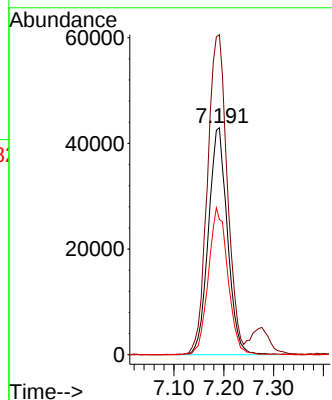
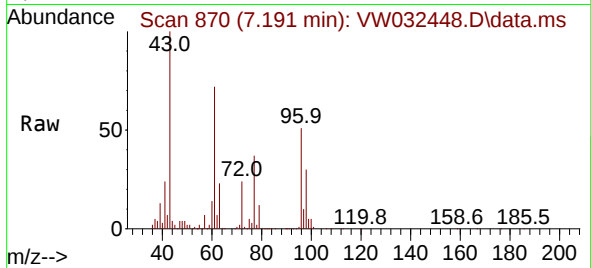




#27
 cis-1,2-Dichloroethene
 Concen: 21.141 ug/l
 RT: 7.191 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VW032448.D
 Acq: 17 Nov 2025 11:29

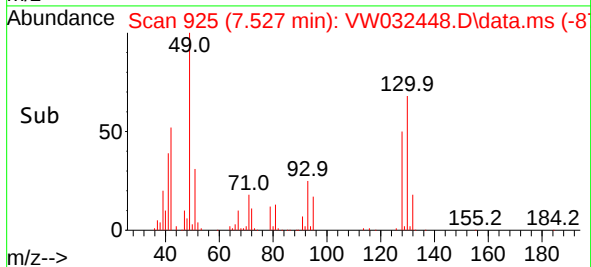
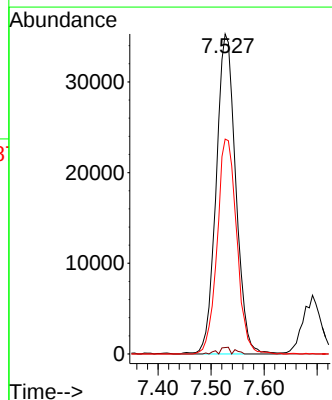
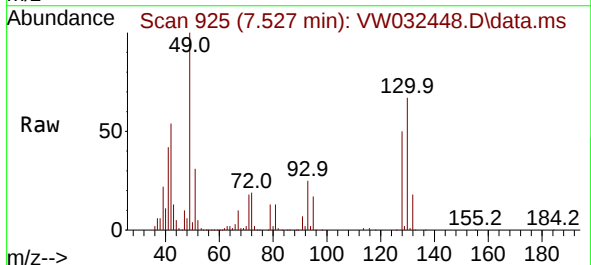
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBS01

Tgt Ion: 96 Resp: 113884
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 282.6
 98 65.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 22.633 ug/l
 RT: 7.527 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032448.D
 Acq: 17 Nov 2025 11:29

Tgt Ion: 49 Resp: 90473
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 66.9 56.9 85.3





#29

Tetrahydrofuran

Concen: 103.595 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBS01

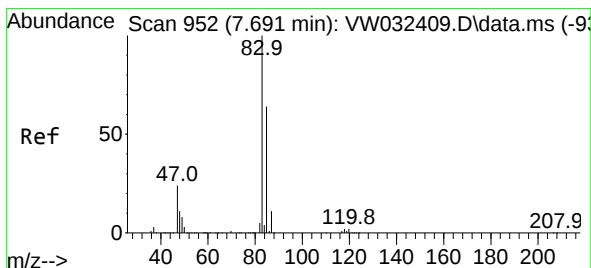
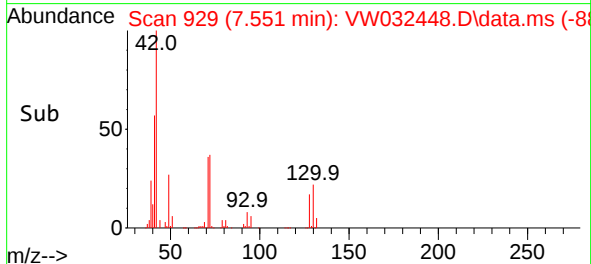
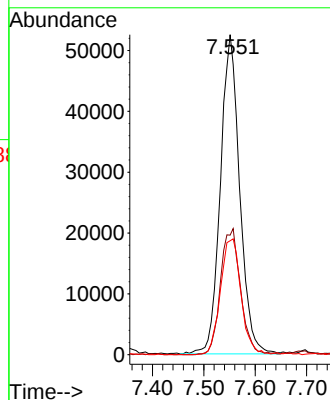
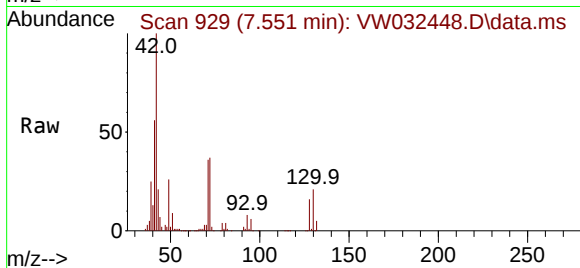
Tgt Ion: 42 Resp: 137054

Ion Ratio Lower Upper

42 100

72 41.1 33.6 50.4

71 38.5 31.4 47.0



#30

Chloroform

Concen: 22.782 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032448.D

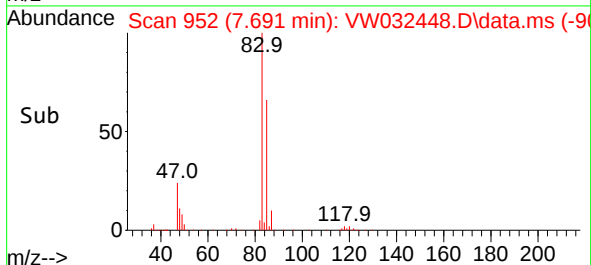
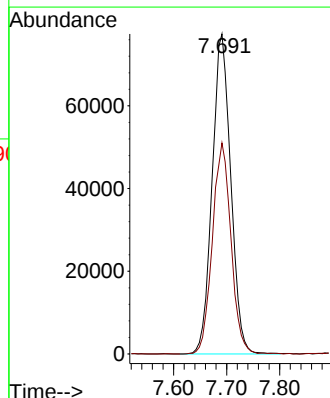
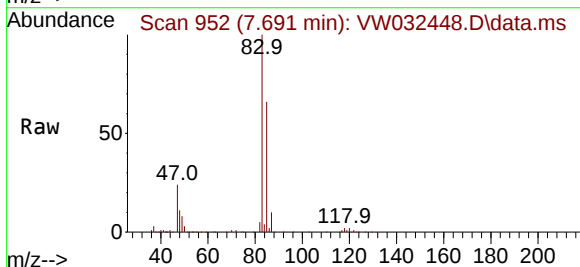
Acq: 17 Nov 2025 11:29

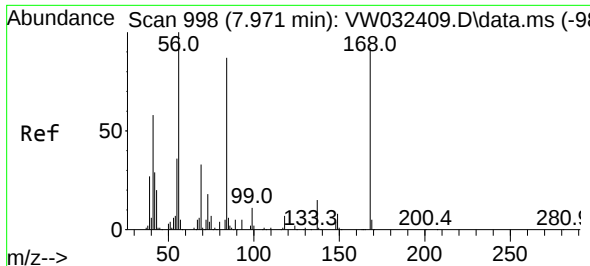
Tgt Ion: 83 Resp: 188628

Ion Ratio Lower Upper

83 100

85 65.9 51.0 76.4

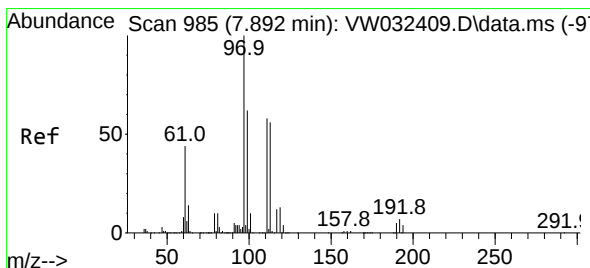
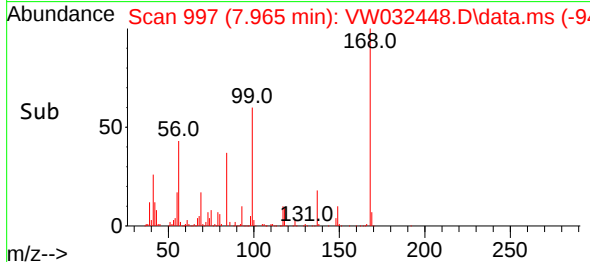
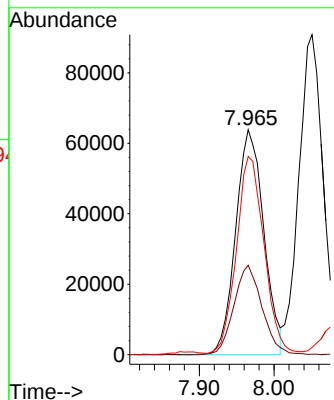
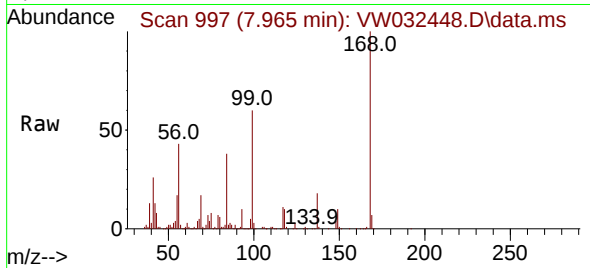




#31
Cyclohexane
Concen: 21.324 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

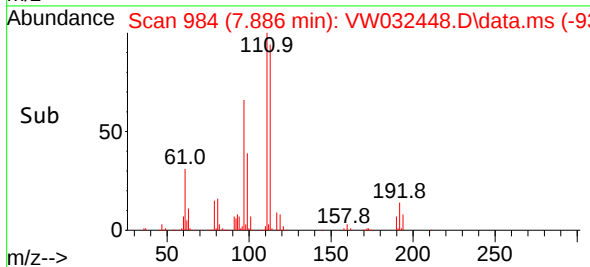
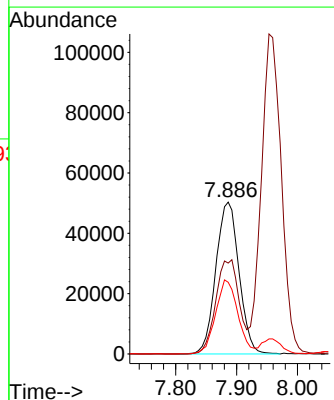
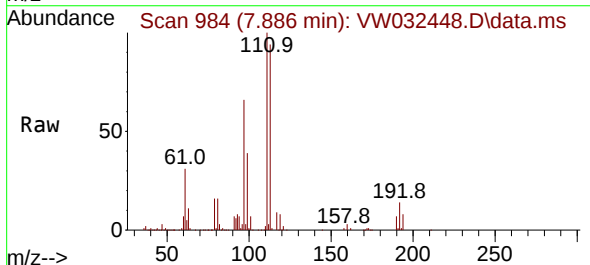
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

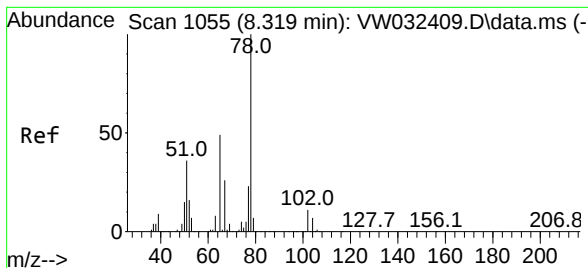
Tgt Ion: 56 Resp: 166829
Ion Ratio Lower Upper
56 100
69 39.8 26.5 39.7#
84 86.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 22.476 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 97 Resp: 132943
Ion Ratio Lower Upper
97 100
99 62.4 51.8 77.8
61 46.9 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 55.733 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

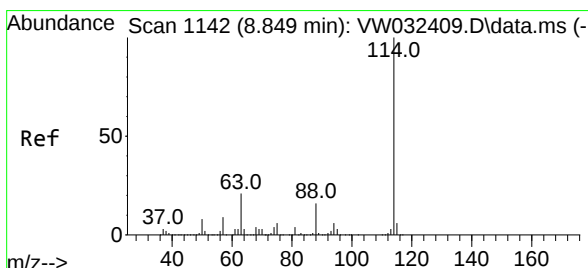
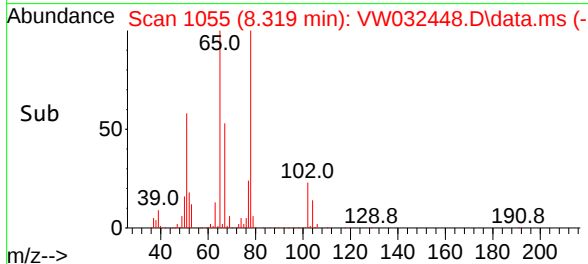
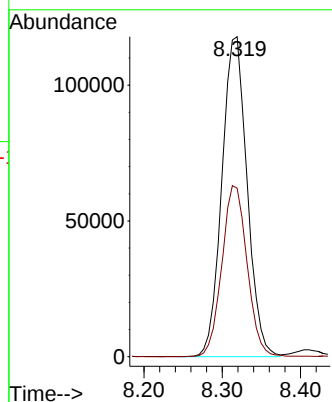
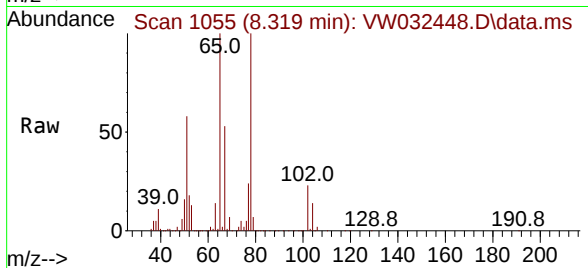
VW1117SBS01

Tgt Ion: 65 Resp: 263566

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

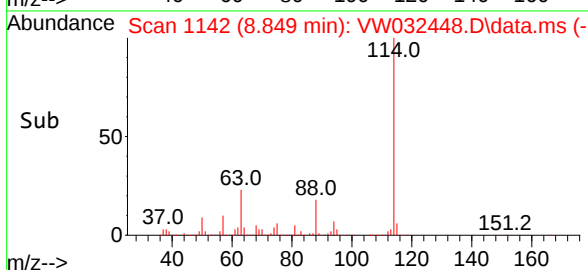
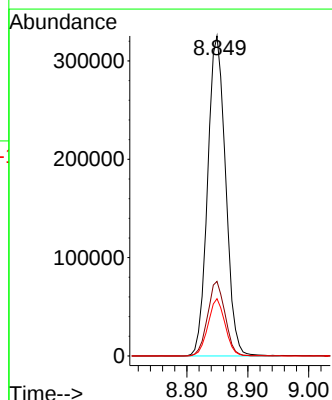
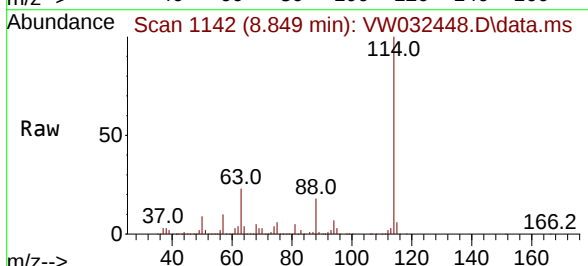
Tgt Ion: 114 Resp: 666197

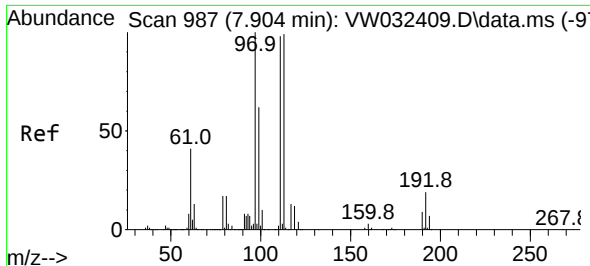
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 17.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.768 ug/l

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBS01

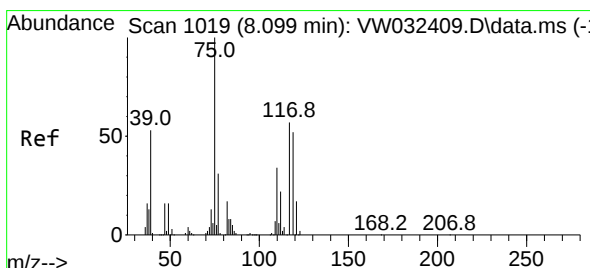
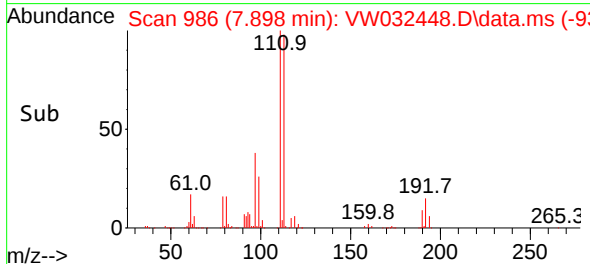
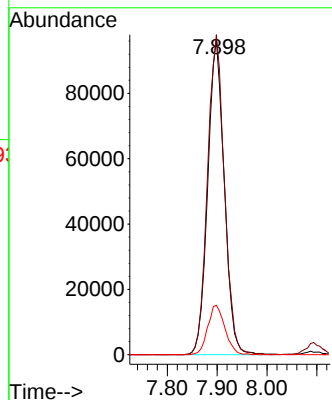
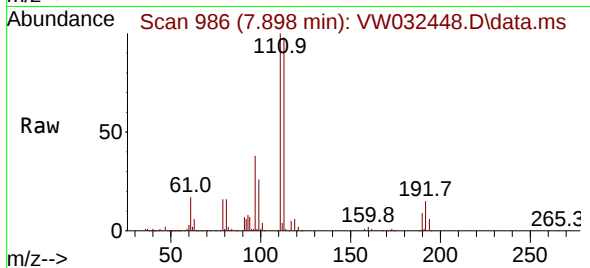
Tgt Ion:113 Resp: 222440

Ion Ratio Lower Upper

113 100

111 103.5 83.1 124.7

192 16.3 13.4 20.2



#36

1,1-Dichloropropene

Concen: 22.904 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

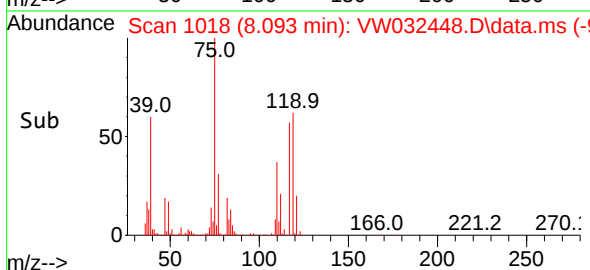
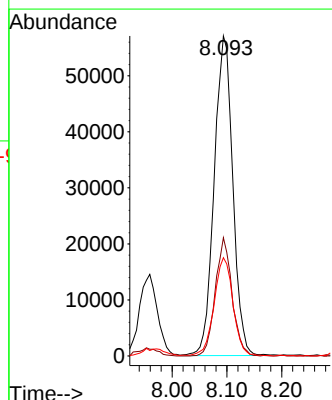
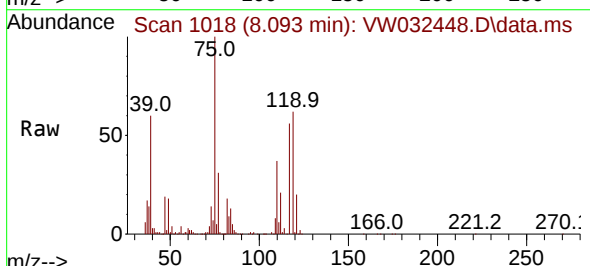
Tgt Ion: 75 Resp: 134608

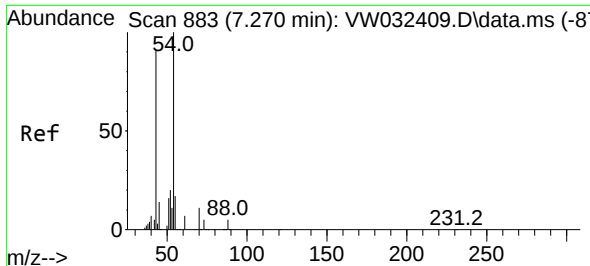
Ion Ratio Lower Upper

75 100

110 33.4 17.2 51.5

77 31.3 24.5 36.7

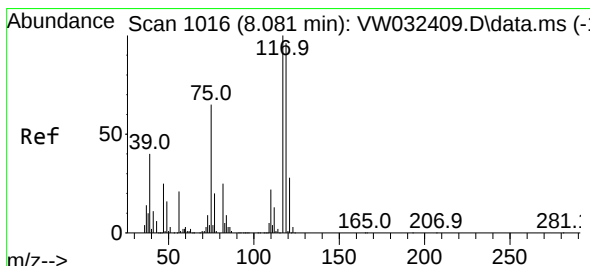
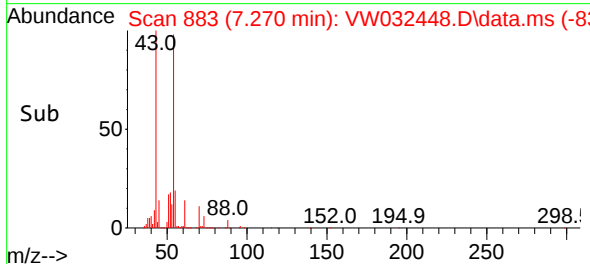
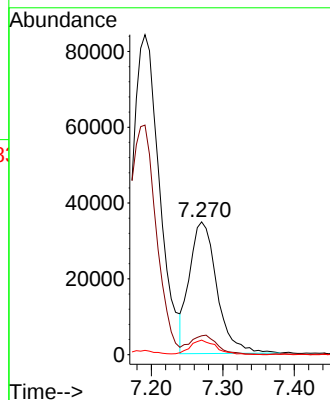
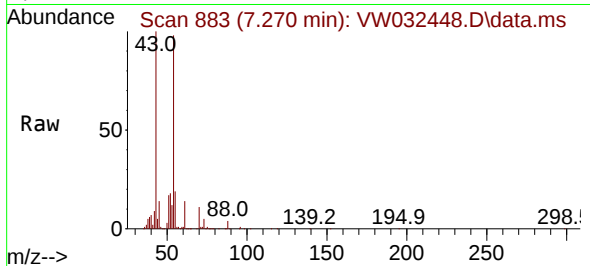




#37
Ethyl Acetate
Concen: 21.226 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

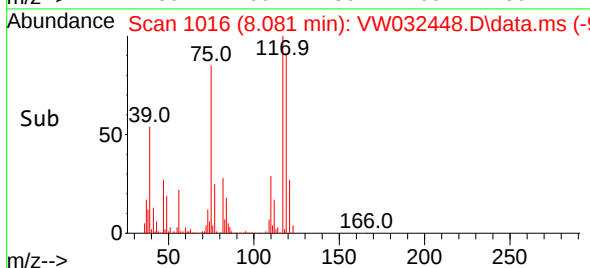
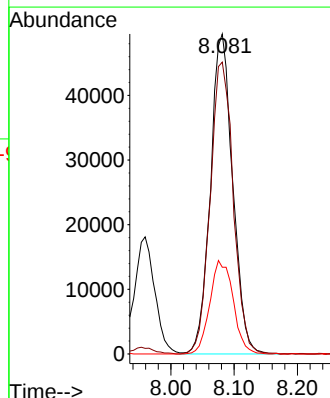
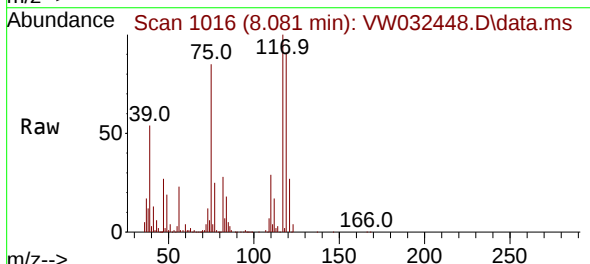
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

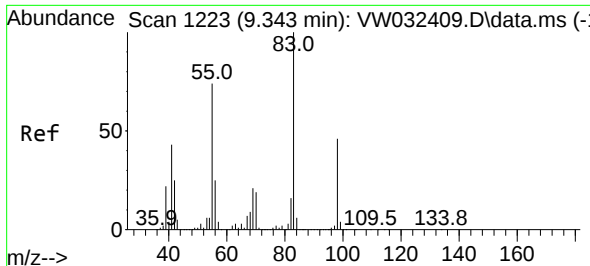
Tgt Ion:	43	Resp:	92758
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.0	16.6
70	10.6	8.3	12.5



#38
Carbon Tetrachloride
Concen: 23.198 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion:	117	Resp:	121135
Ion	Ratio	Lower	Upper
117	100		
119	91.2	77.0	115.4
121	27.1	22.0	33.0





#39

Methylcyclohexane

Concen: 20.732 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBS01

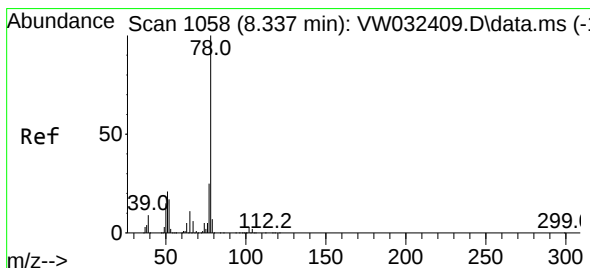
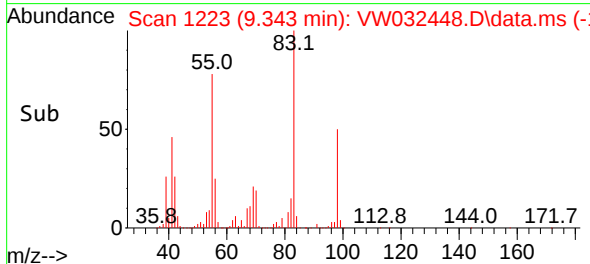
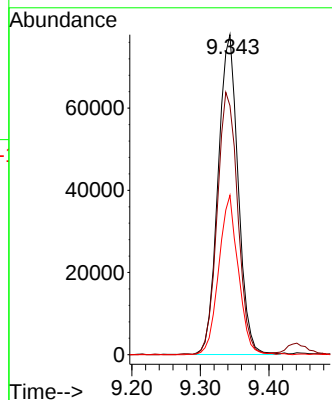
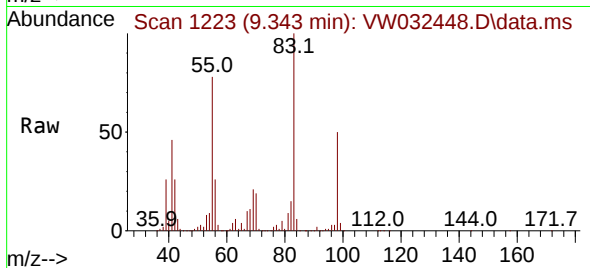
Tgt Ion: 83 Resp: 157843

Ion Ratio Lower Upper

83 100

55 77.6 59.2 88.8

98 49.8 36.6 54.8



#40

Benzene

Concen: 22.420 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032448.D

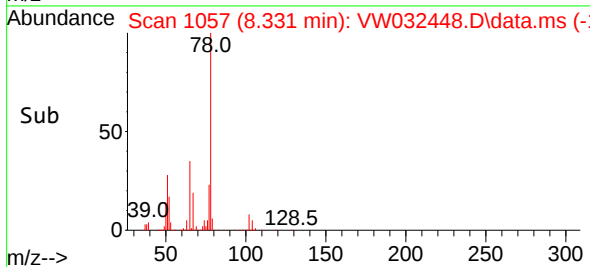
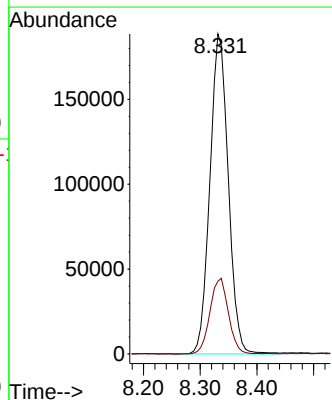
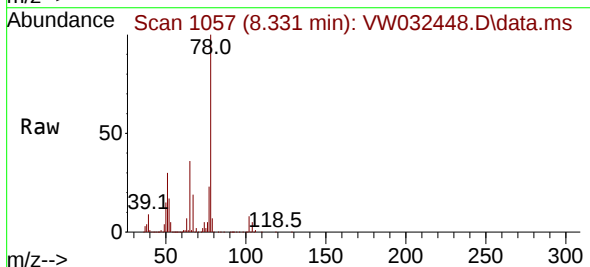
Acq: 17 Nov 2025 11:29

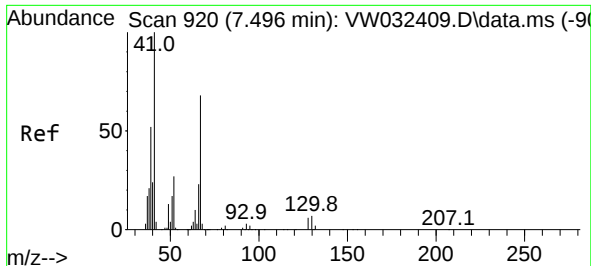
Tgt Ion: 78 Resp: 424324

Ion Ratio Lower Upper

78 100

77 22.8 19.6 29.4

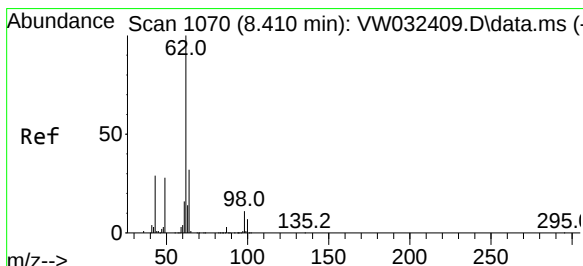
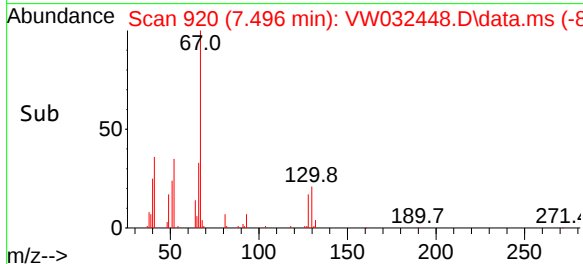
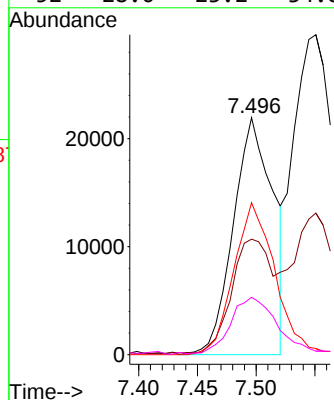
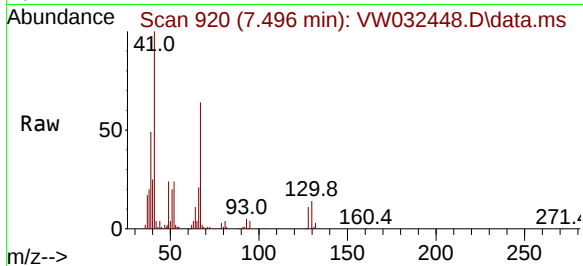




#41
Methacrylonitrile
Concen: 21.457 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

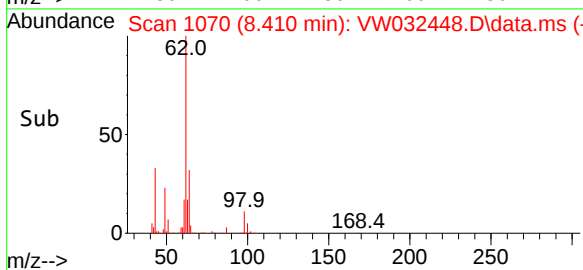
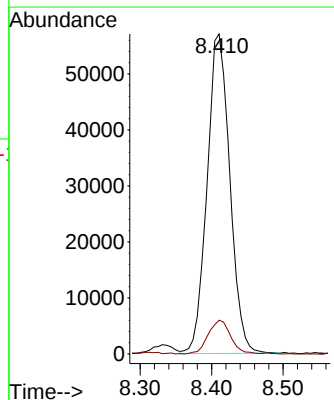
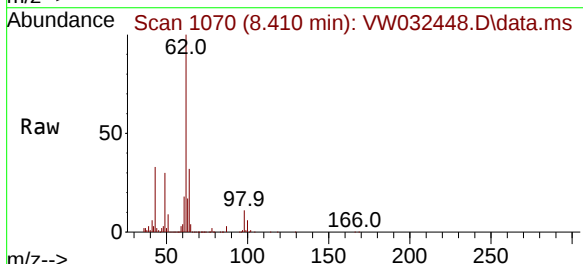
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

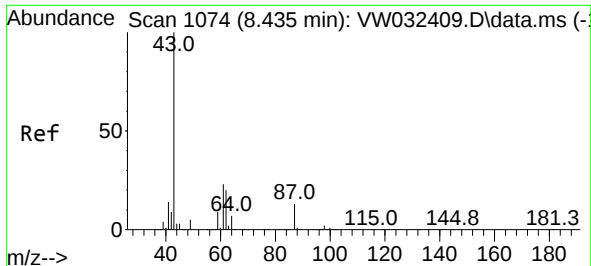
Tgt Ion:	41	Resp:	51511
Ion	Ratio	Lower	Upper
41	100		
39	52.7	44.6	66.8
67	67.1	57.6	86.4
52	28.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 22.694 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion:	62	Resp:	126159
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2

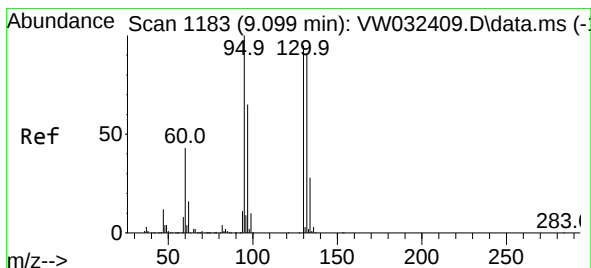
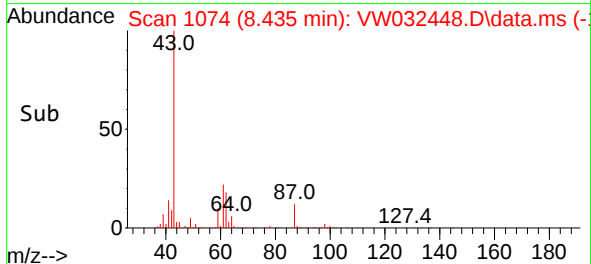
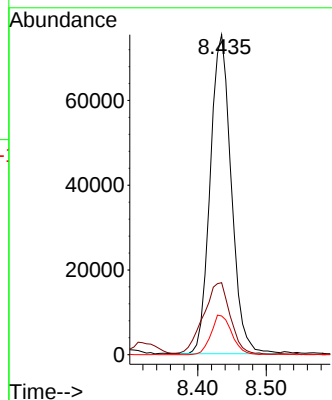
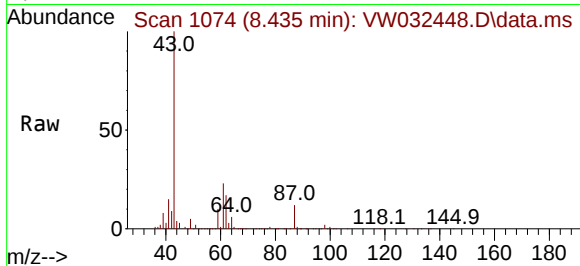




#43
Isopropyl Acetate
Concen: 20.741 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

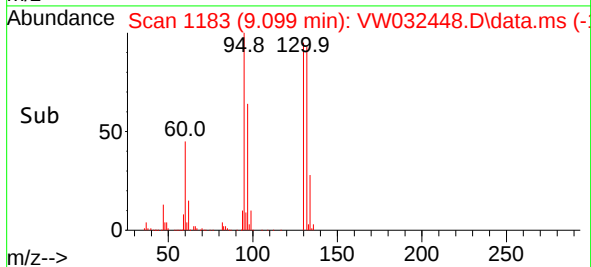
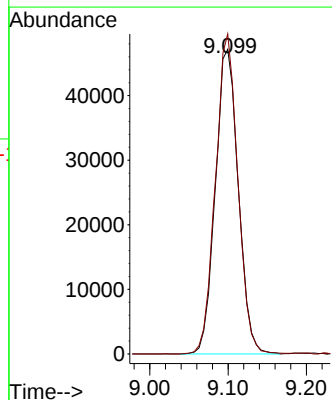
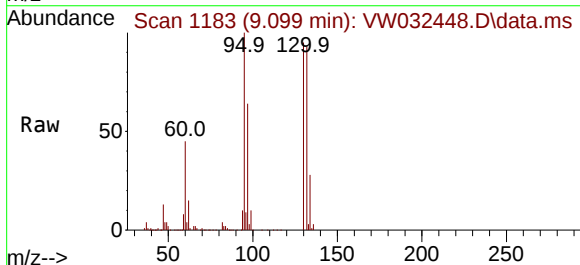
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

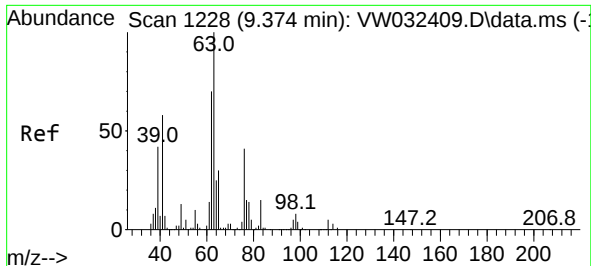
Tgt Ion: 43 Resp: 160498
Ion Ratio Lower Upper
43 100
61 28.9 22.6 33.8
87 12.2 10.6 15.8



#44
Trichloroethene
Concen: 21.780 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion:130 Resp: 95918
Ion Ratio Lower Upper
130 100
95 105.0 0.0 209.6

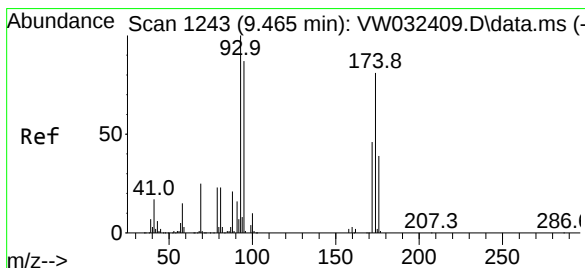
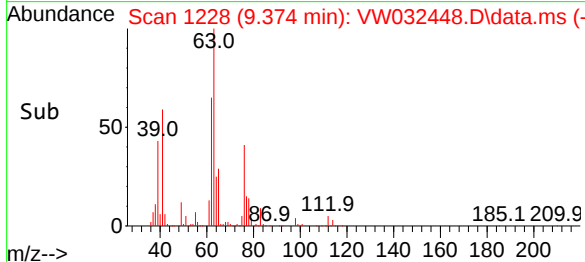
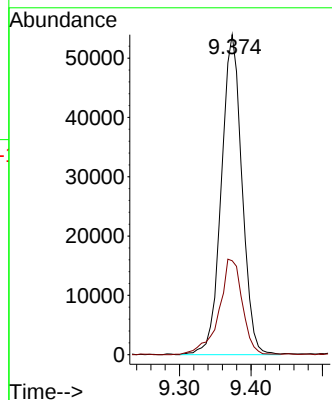
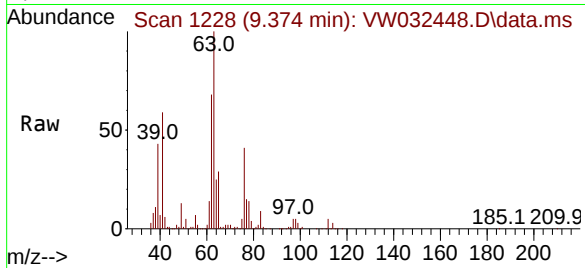




#45
1,2-Dichloropropane
Concen: 22.930 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

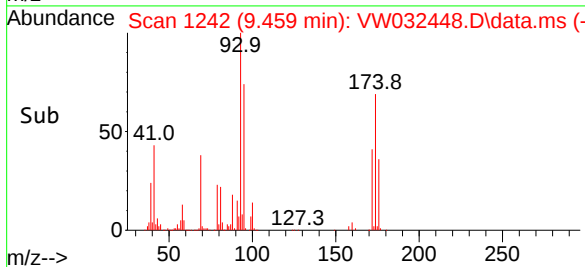
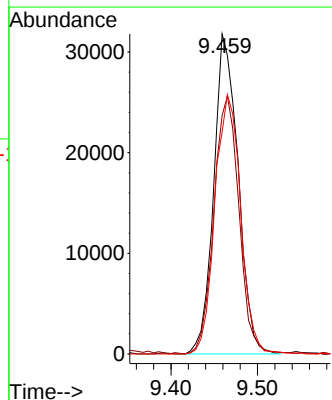
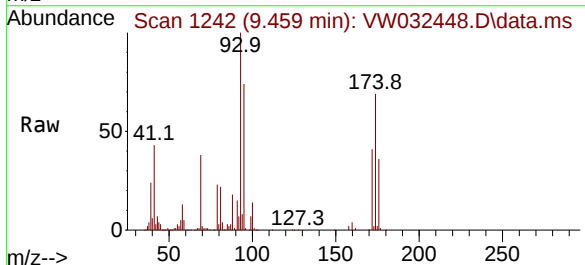
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

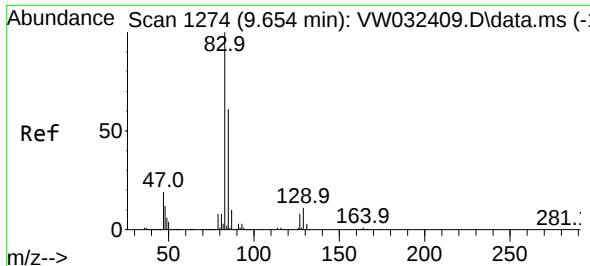
Tgt Ion: 63 Resp: 108060
Ion Ratio Lower Upper
63 100
65 29.2 24.4 36.6



#46
Dibromomethane
Concen: 22.532 ug/l
RT: 9.459 min Scan# 1242
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 93 Resp: 62049
Ion Ratio Lower Upper
93 100
95 83.1 67.1 100.7
174 85.7 68.2 102.4

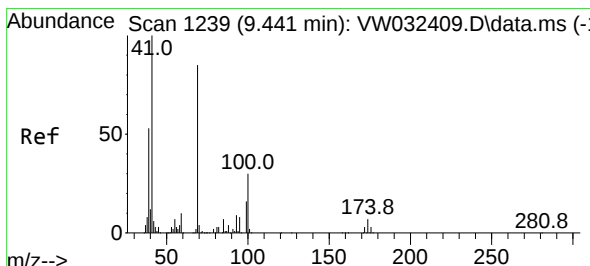
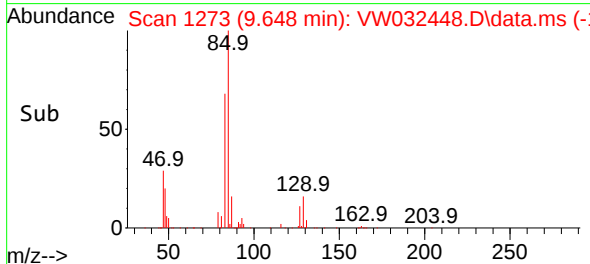
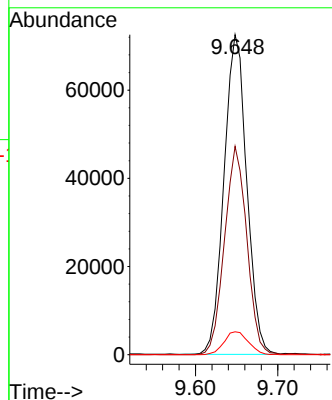
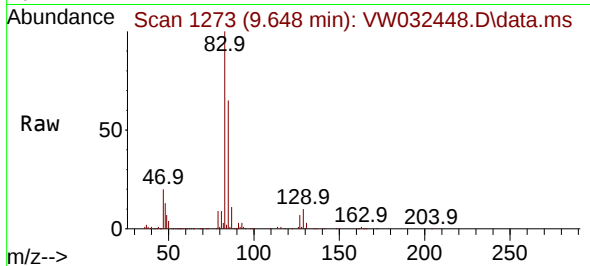




#47
Bromodichloromethane
Concen: 22.214 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

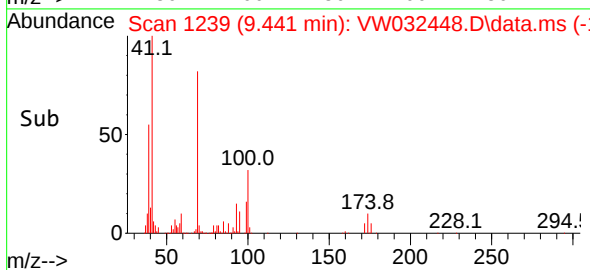
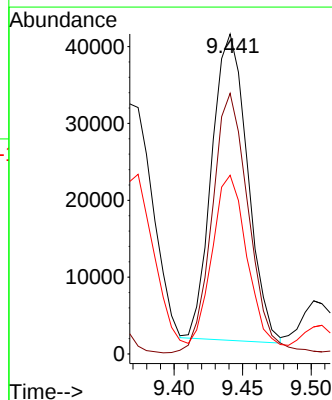
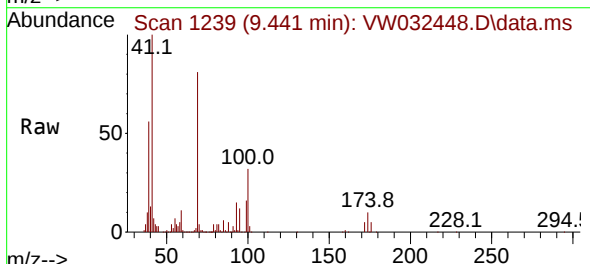
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

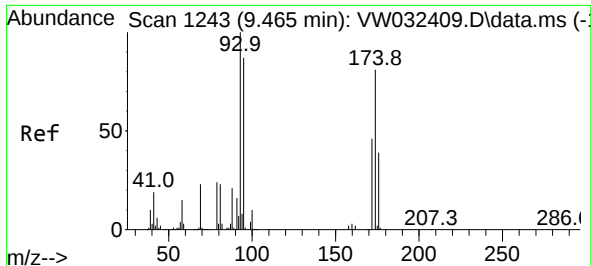
Tgt Ion: 83 Resp: 139544
Ion Ratio Lower Upper
83 100
85 65.2 48.7 73.1
127 7.2 6.3 9.5



#48
Methyl methacrylate
Concen: 19.678 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 41 Resp: 72357
Ion Ratio Lower Upper
41 100
69 86.4 65.8 98.6
39 53.6 38.6 57.8

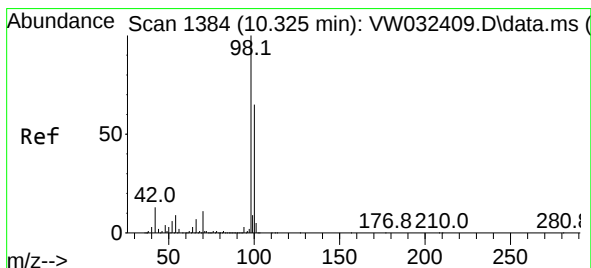
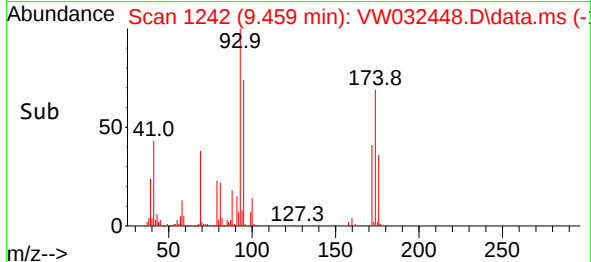
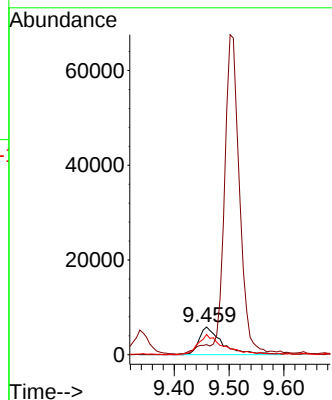
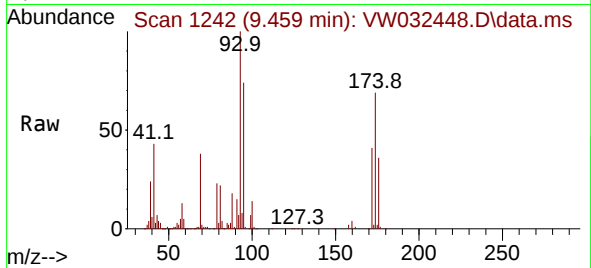




#49
1,4-Dioxane
Concen: 443.412 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

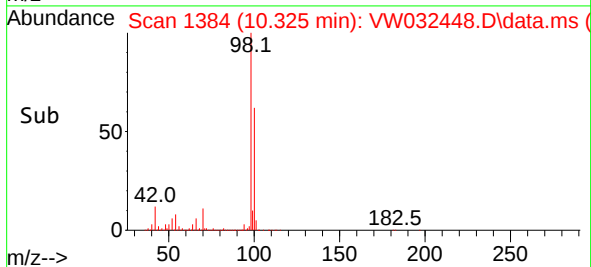
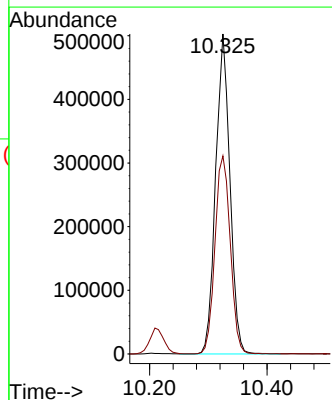
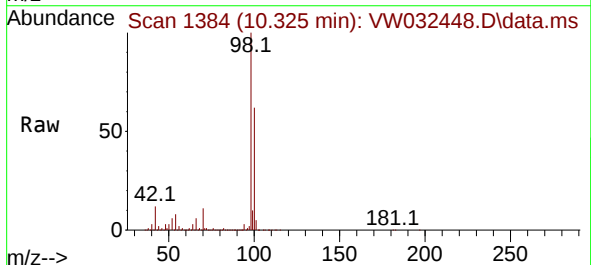
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

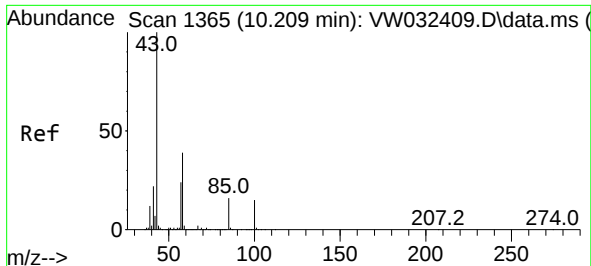
Tgt Ion: 88 Resp: 17106
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.8 63.0 94.4



#50
Toluene-d8
Concen: 55.246 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 98 Resp: 845364
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9

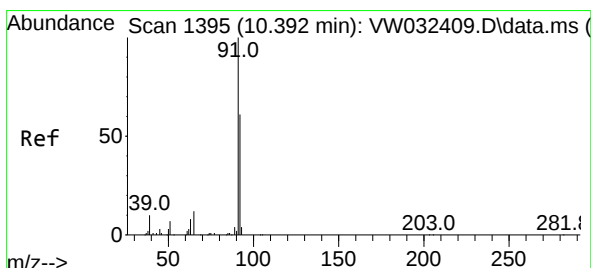
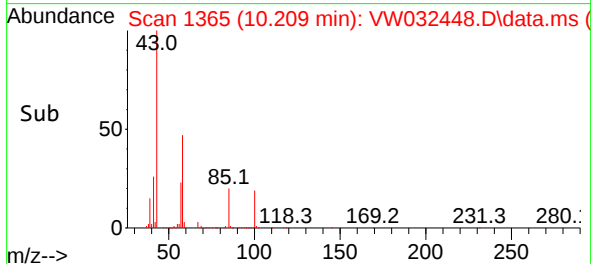
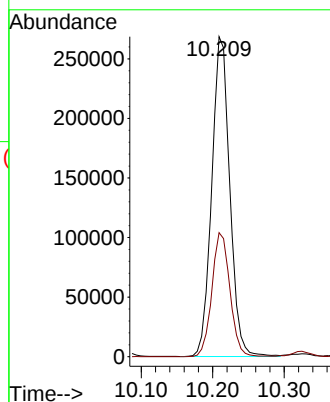
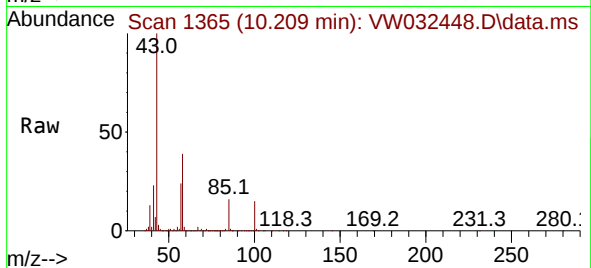




#51
4-Methyl-2-Pentanone
Concen: 109.973 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

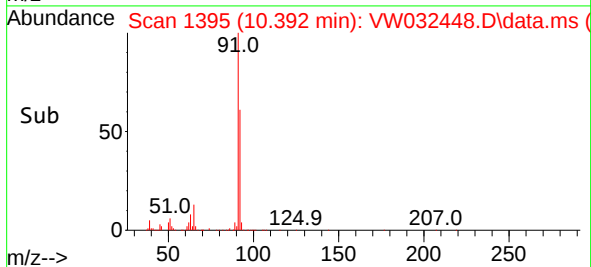
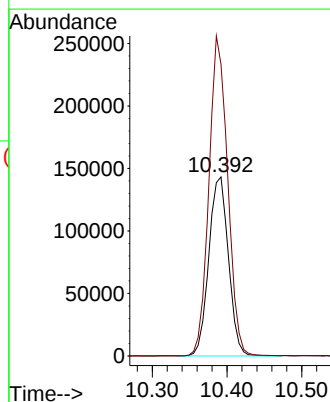
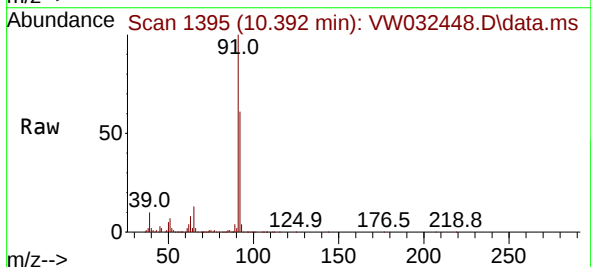
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

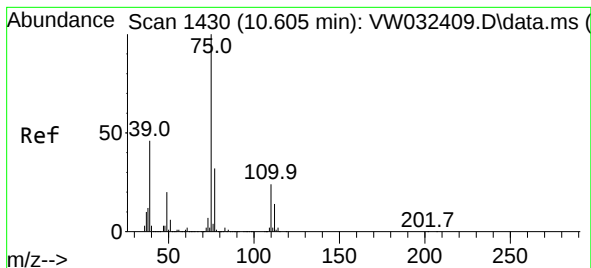
Tgt Ion: 43 Resp: 470439
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2



#52
Toluene
Concen: 22.288 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 92 Resp: 260555
Ion Ratio Lower Upper
92 100
91 171.0 136.6 205.0

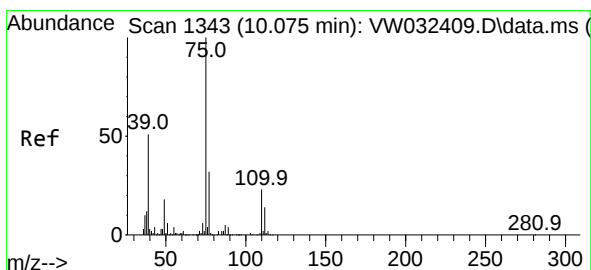
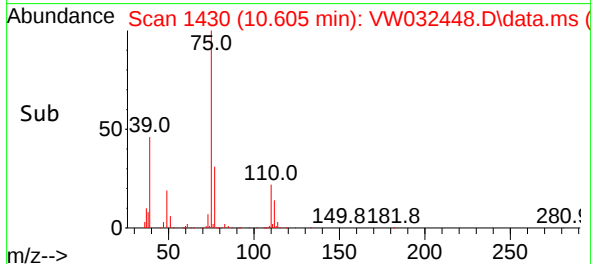
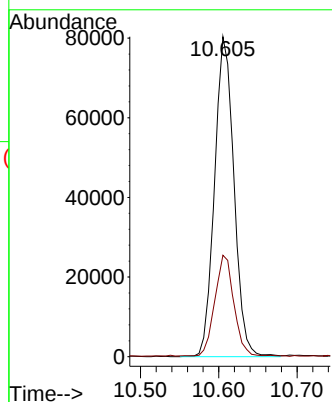
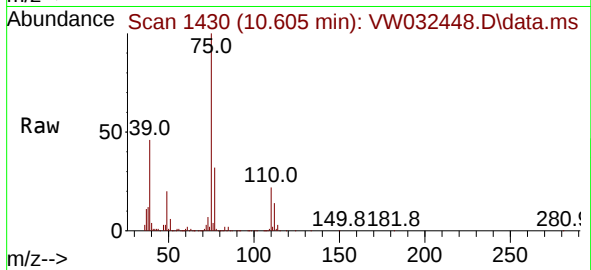




#53
t-1,3-Dichloropropene
Concen: 21.433 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

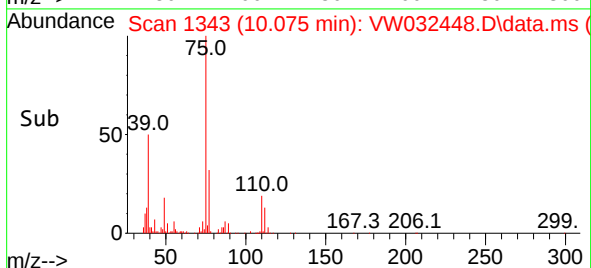
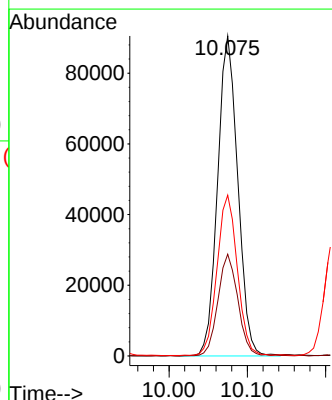
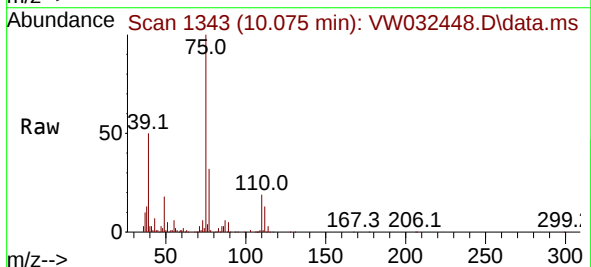
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

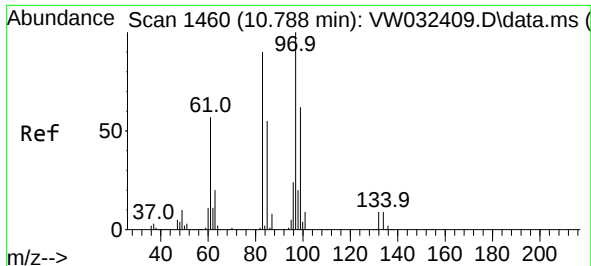
Tgt Ion: 75 Resp: 138660
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.709 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 75 Resp: 162419
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 50.1 40.7 61.1

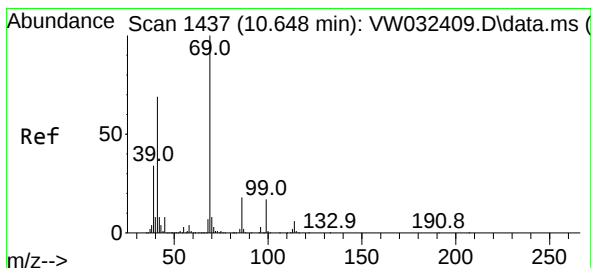
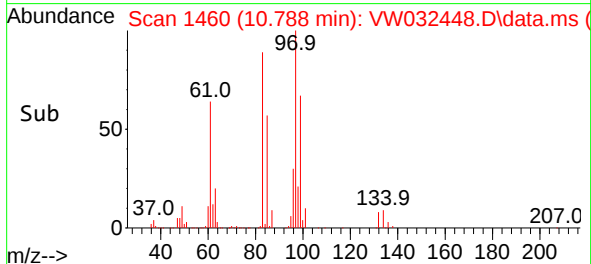
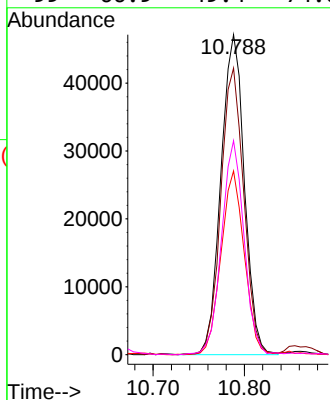
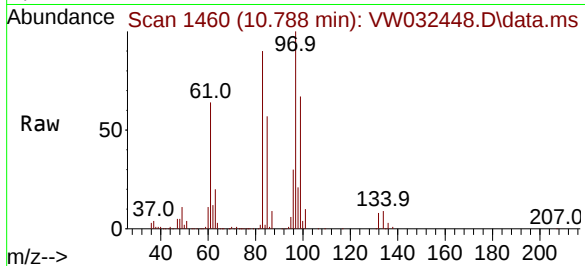




#55
1,1,2-Trichloroethane
Concen: 22.209 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

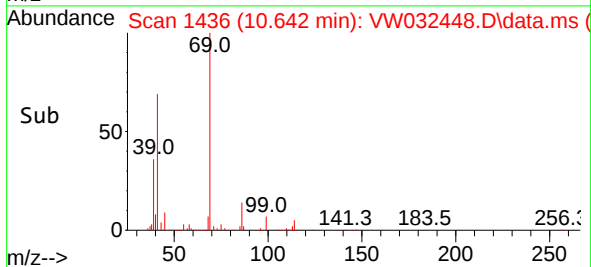
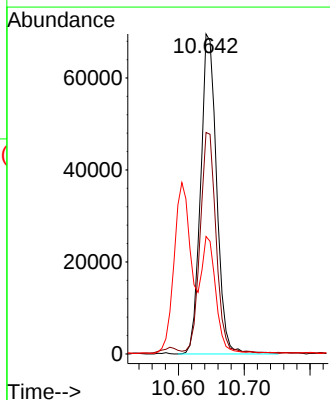
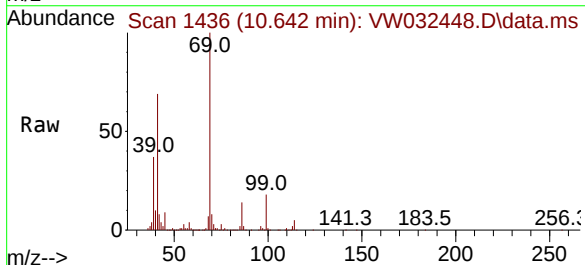
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

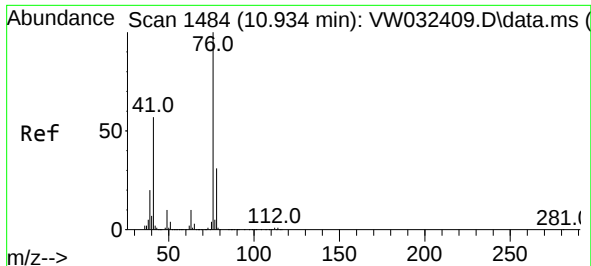
Tgt Ion:	97	Resp:	83903
Ion	Ratio	Lower	Upper
97	100		
83	89.5	72.2	108.4
85	57.3	43.8	65.8
99	66.9	49.4	74.0



#56
Ethyl methacrylate
Concen: 20.391 ug/l
RT: 10.642 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion:	69	Resp:	118196
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.4	81.6
39	31.3	25.4	38.0





#57

1,3-Dichloropropane

Concen: 22.395 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

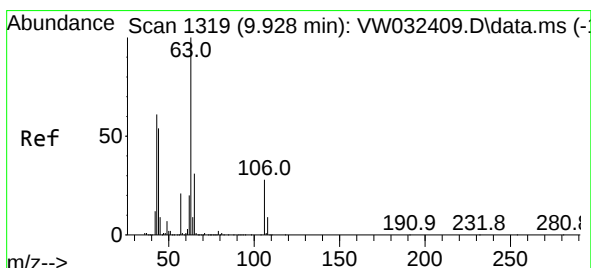
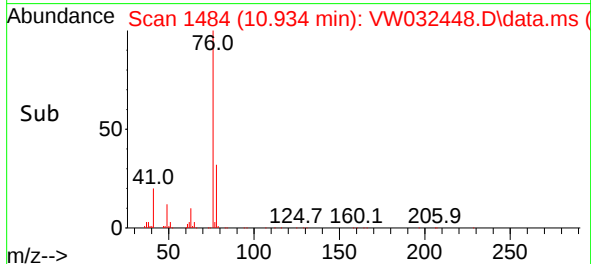
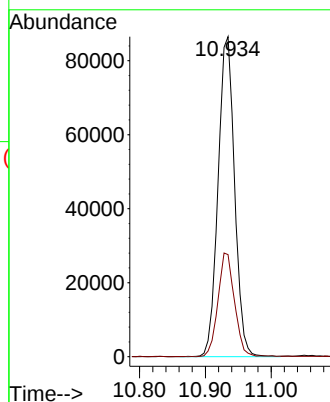
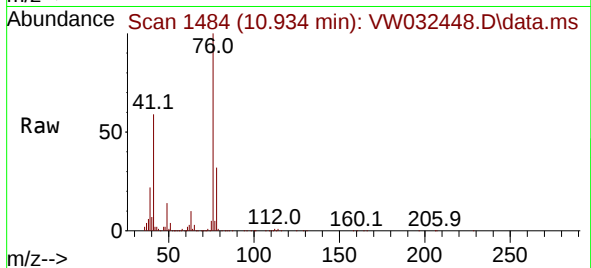
VW1117SBS01

Tgt Ion: 76 Resp: 151106

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.356 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032448.D

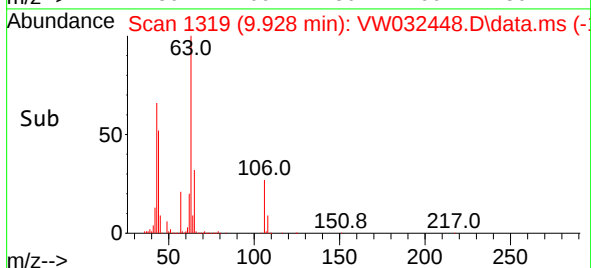
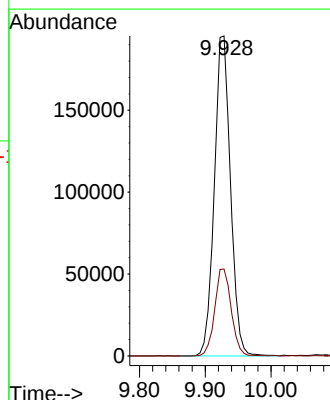
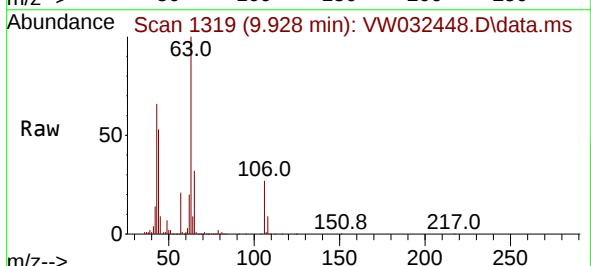
Acq: 17 Nov 2025 11:29

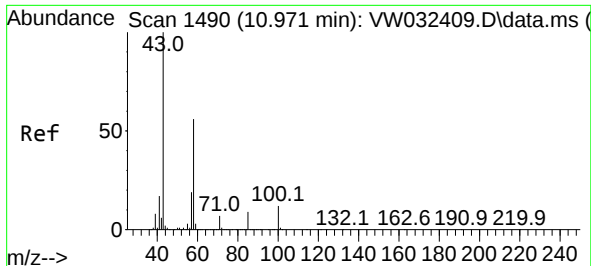
Tgt Ion: 63 Resp: 334485

Ion Ratio Lower Upper

63 100

106 27.7 22.0 33.0

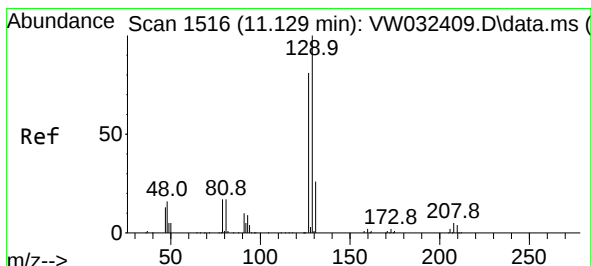
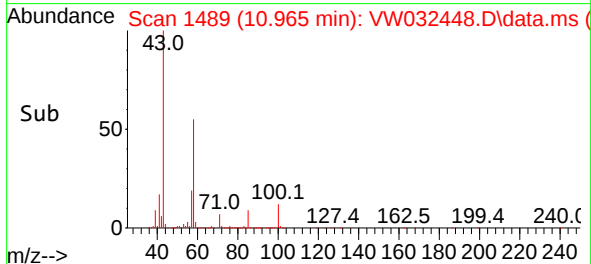
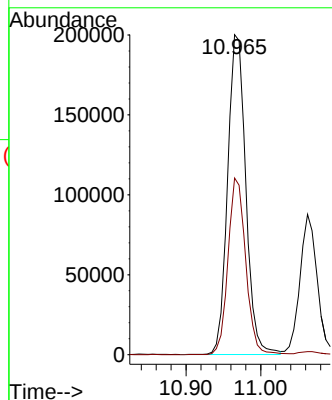
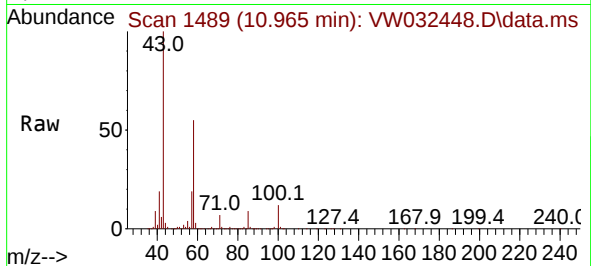




#59
2-Hexanone
Concen: 108.037 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

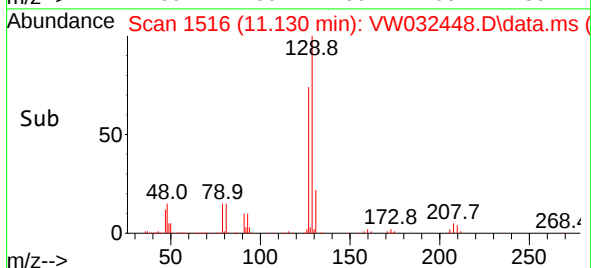
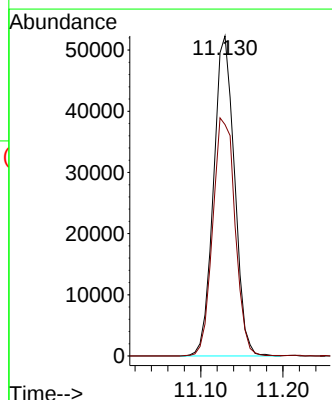
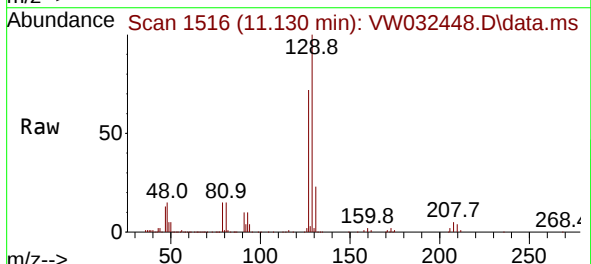
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

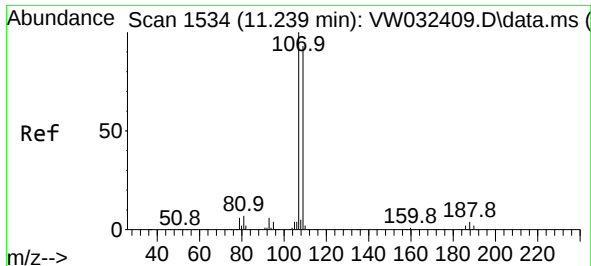
Tgt Ion: 43 Resp: 338130
Ion Ratio Lower Upper
43 100
58 53.9 27.4 82.2



#60
Dibromochloromethane
Concen: 21.933 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 129 Resp: 92531
Ion Ratio Lower Upper
129 100
127 79.4 39.2 117.6

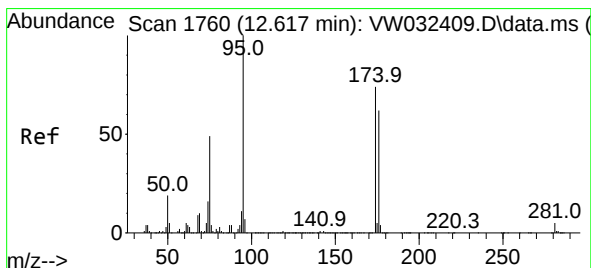
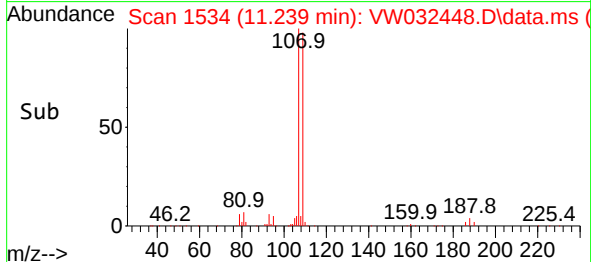
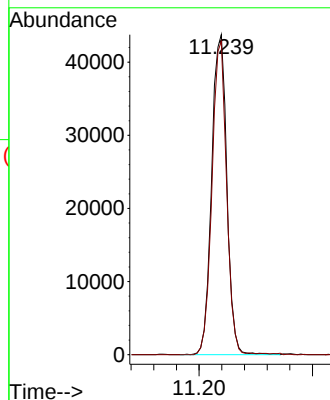
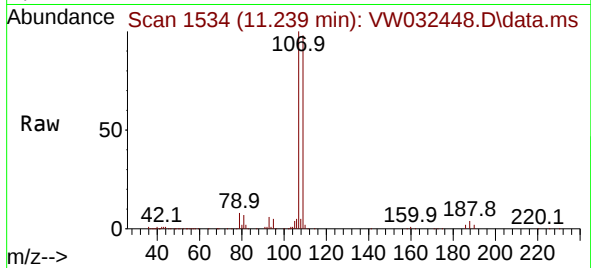




#61
1,2-Dibromoethane
Concen: 22.133 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

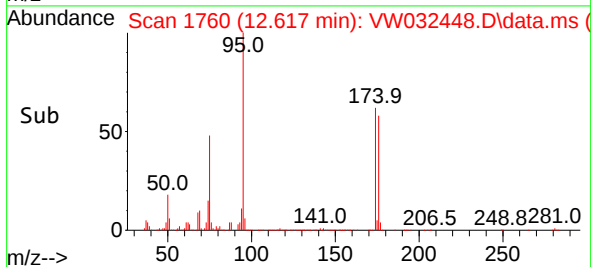
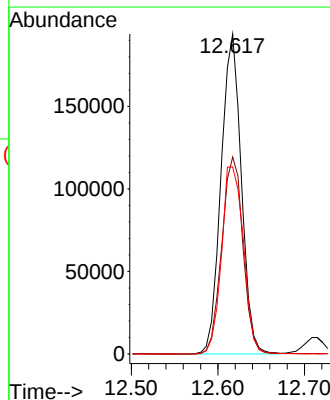
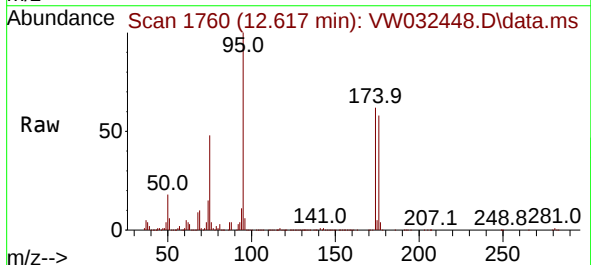
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

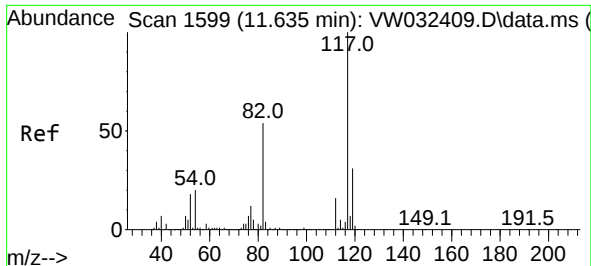
Tgt Ion:107 Resp: 81437
Ion Ratio Lower Upper
107 100
109 94.0 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 54.497 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 95 Resp: 315020
Ion Ratio Lower Upper
95 100
174 64.4 0.0 135.4
176 63.4 0.0 131.8

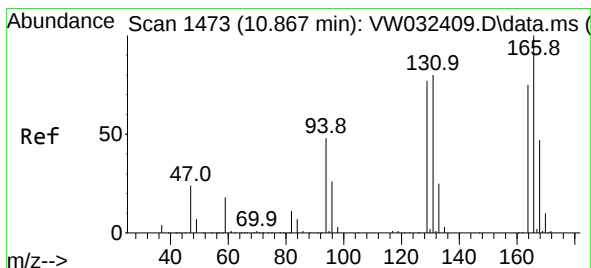
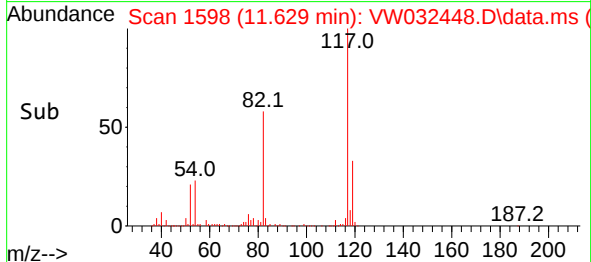
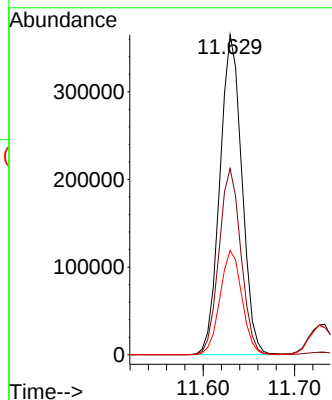
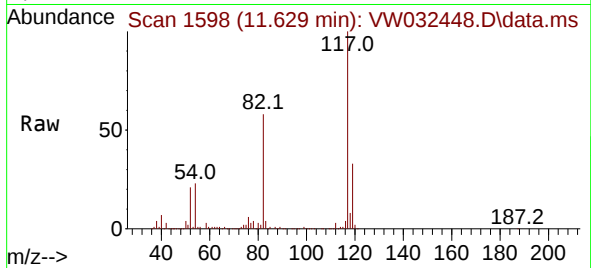




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

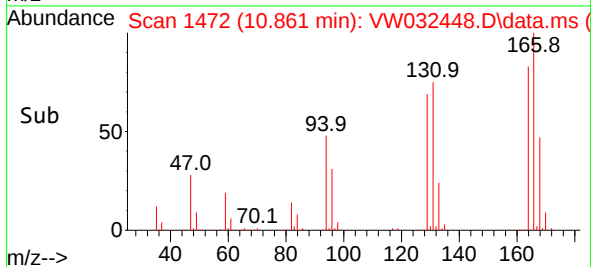
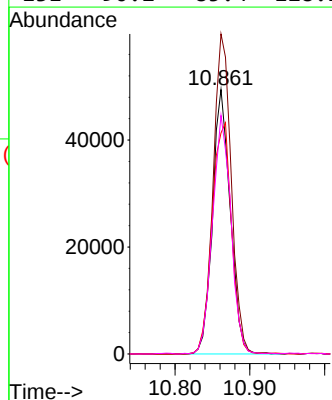
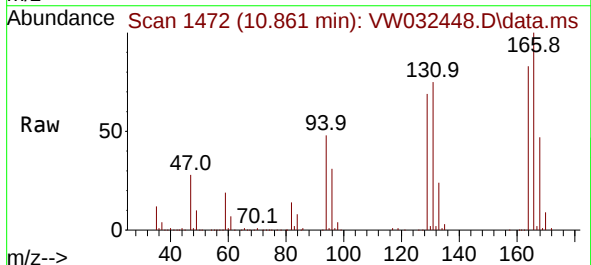
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

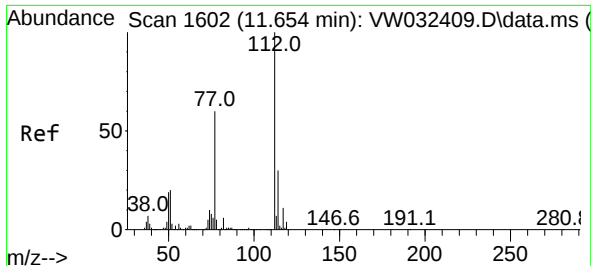
Tgt Ion:117 Resp: 611687
Ion Ratio Lower Upper
117 100
82 58.1 43.0 64.4
119 32.6 25.0 37.6



#64
Tetrachloroethene
Concen: 22.462 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion:164 Resp: 81363
Ion Ratio Lower Upper
164 100
166 121.0 107.0 160.4
129 83.6 82.9 124.3
131 90.2 85.4 128.2

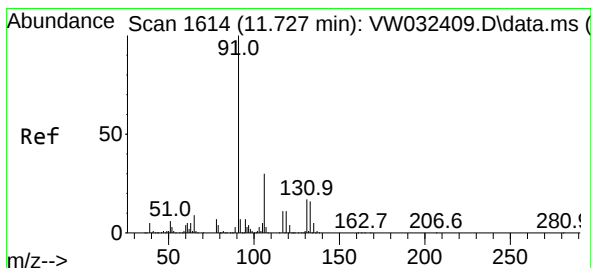
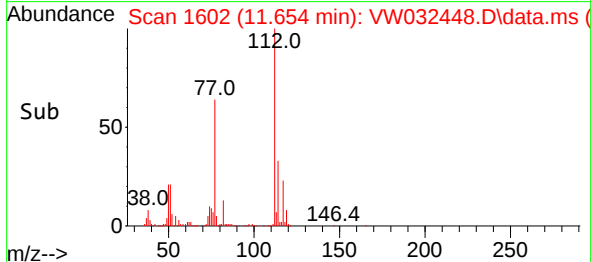
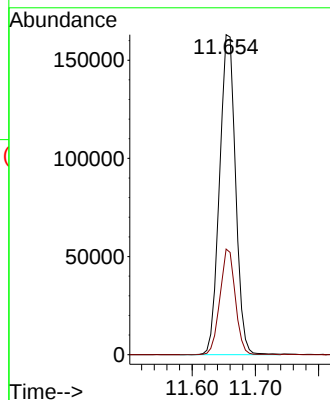
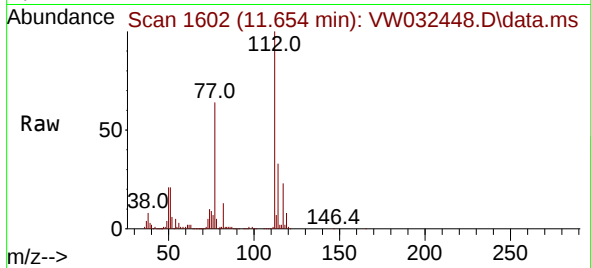




#65
Chlorobenzene
Concen: 21.660 ug/l
RT: 11.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

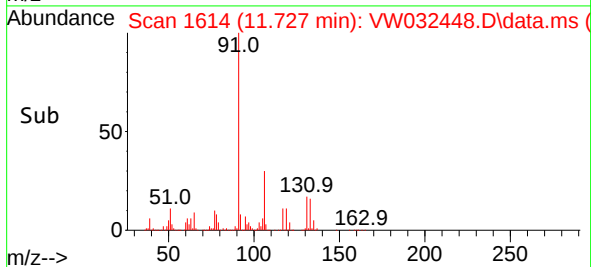
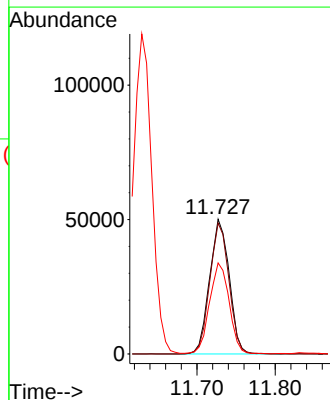
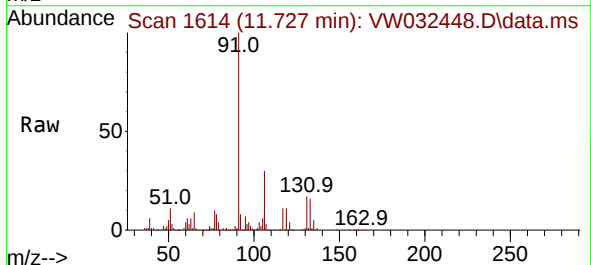
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

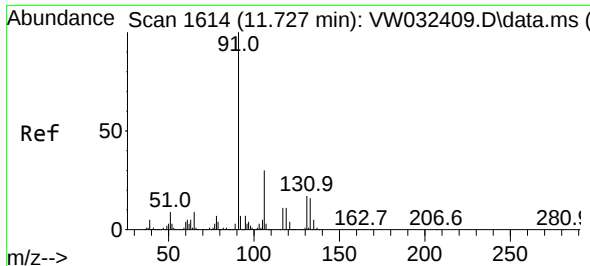
Tgt Ion:112 Resp: 285562
Ion Ratio Lower Upper
112 100
114 33.0 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.387 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion:131 Resp: 87263
Ion Ratio Lower Upper
131 100
133 95.0 46.9 140.6
119 67.2 33.4 100.2





#67

Ethyl Benzene

Concen: 20.961 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

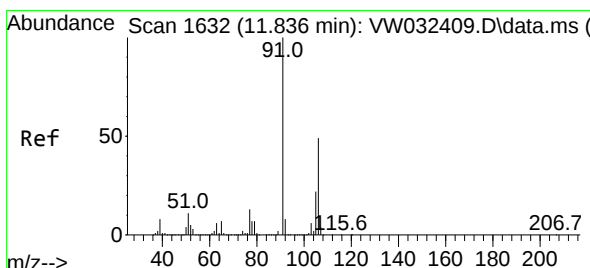
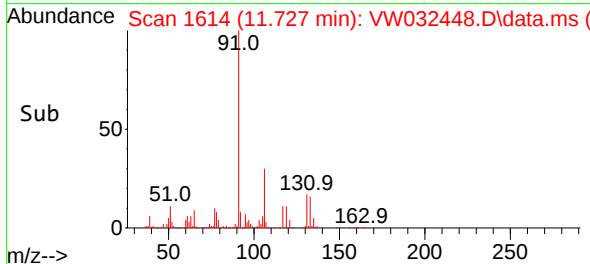
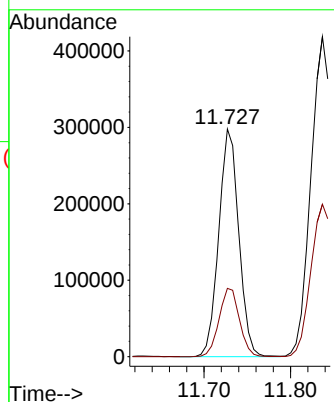
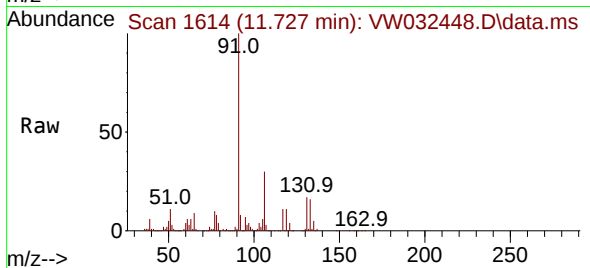
VW1117SBS01

Tgt Ion: 91 Resp: 478157

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.2



#68

m/p-Xylenes

Concen: 43.866 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032448.D

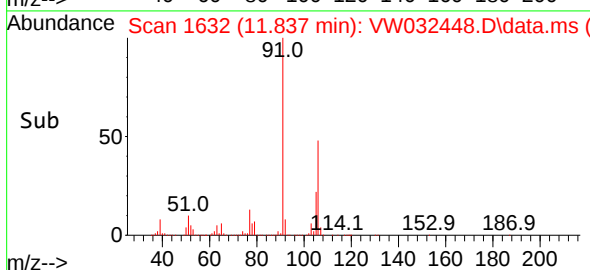
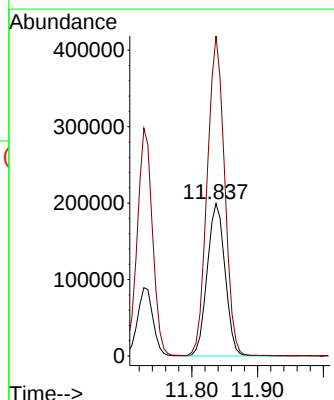
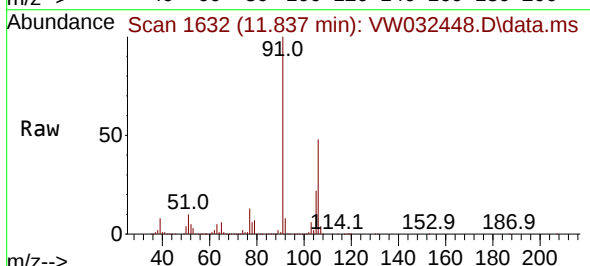
Acq: 17 Nov 2025 11:29

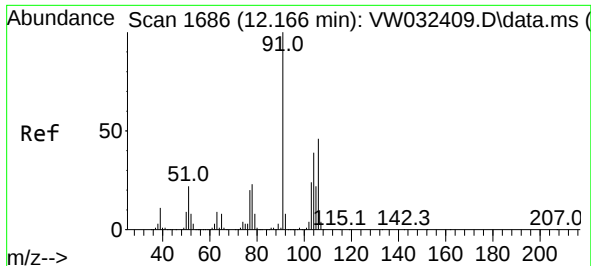
Tgt Ion:106 Resp: 375714

Ion Ratio Lower Upper

106 100

91 204.4 165.5 248.3





#69

o-Xylene

Concen: 20.277 ug/l

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

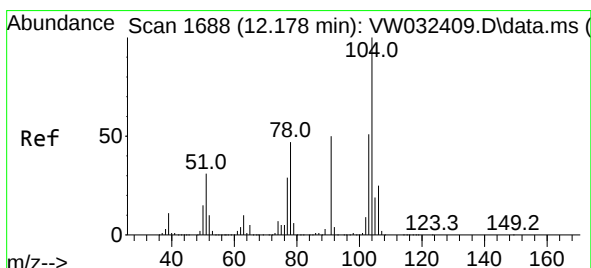
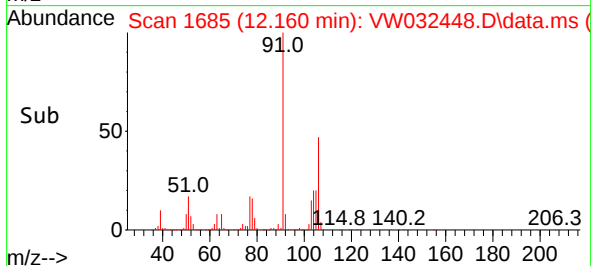
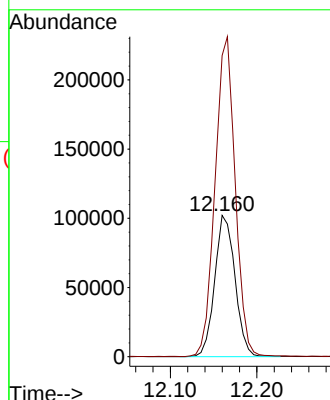
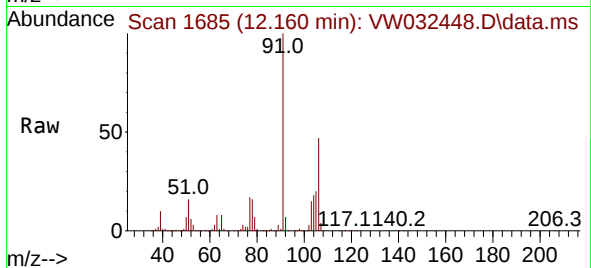
VW1117SBS01

Tgt Ion:106 Resp: 166293

Ion Ratio Lower Upper

106 100

91 224.9 109.3 327.8



#70

Styrene

Concen: 21.087 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

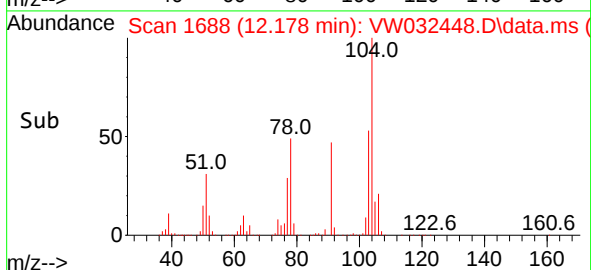
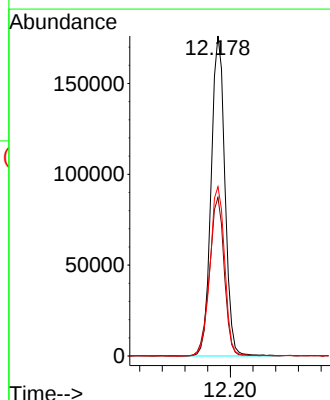
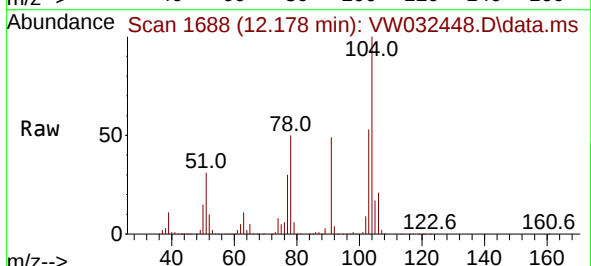
Tgt Ion:104 Resp: 297489

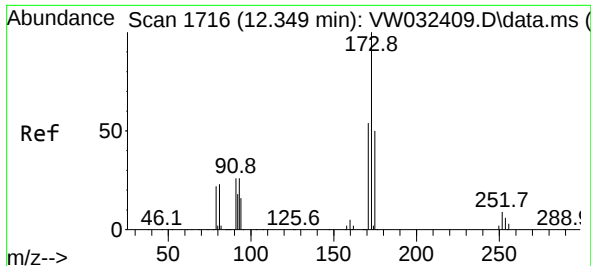
Ion Ratio Lower Upper

104 100

78 52.9 40.7 61.1

103 56.5 43.9 65.9

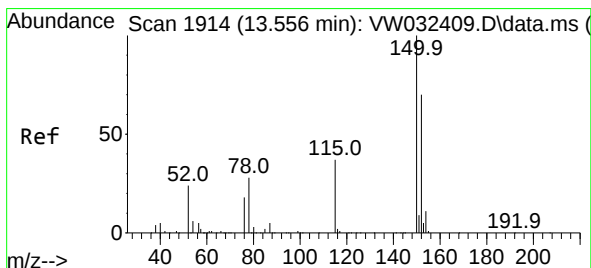
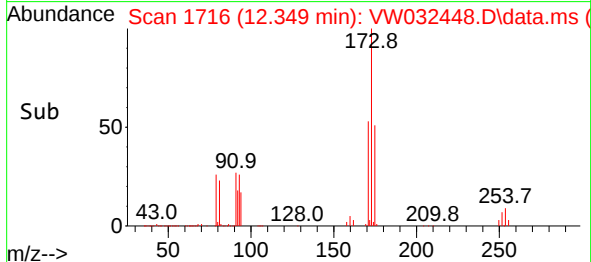
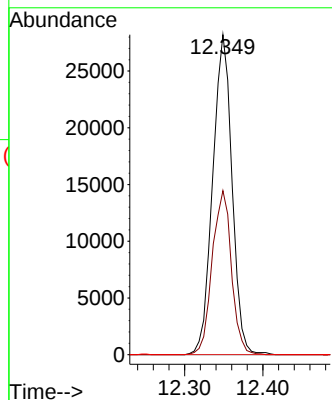
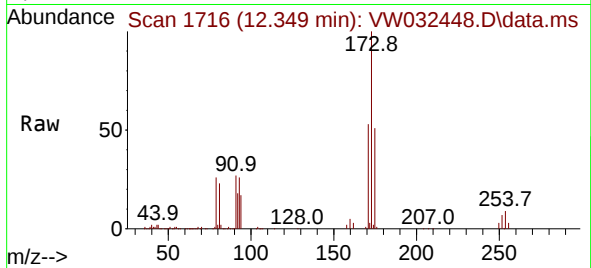




#71
Bromoform
Concen: 19.996 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

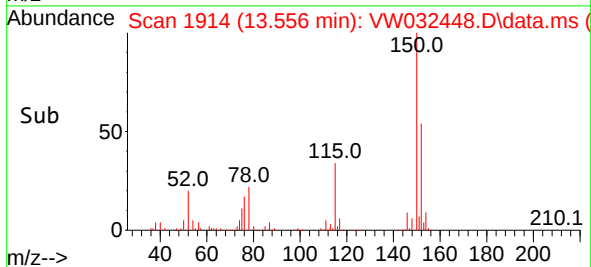
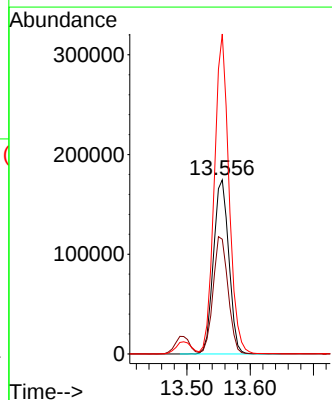
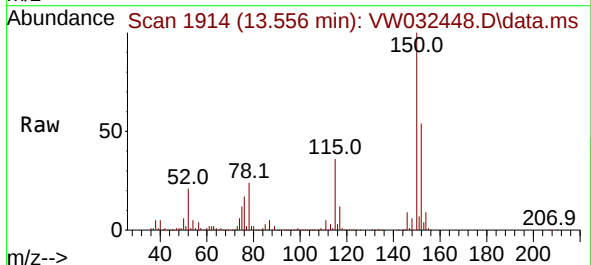
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

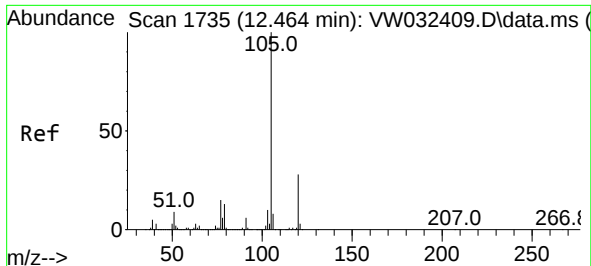
Tgt Ion:173 Resp: 48324
Ion Ratio Lower Upper
173 100
175 51.0 25.1 75.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion:152 Resp: 293947
Ion Ratio Lower Upper
152 100
115 65.6 32.8 98.3
150 175.8 0.0 356.6

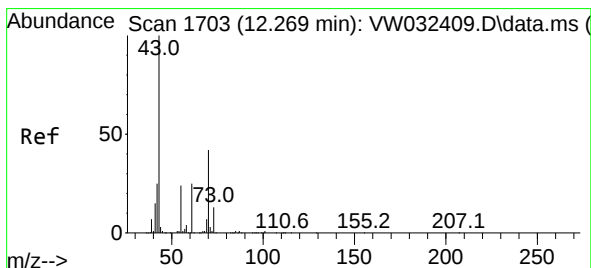
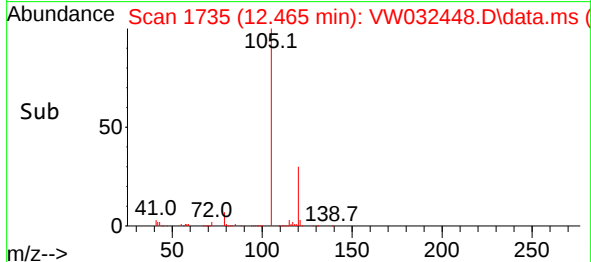
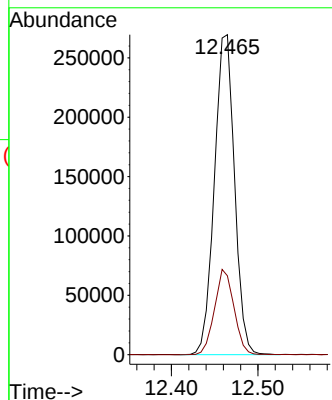
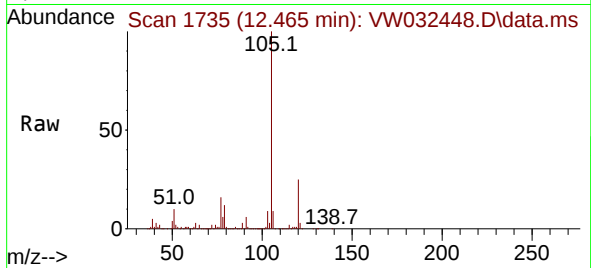




#73
Isopropylbenzene
Concen: 20.146 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

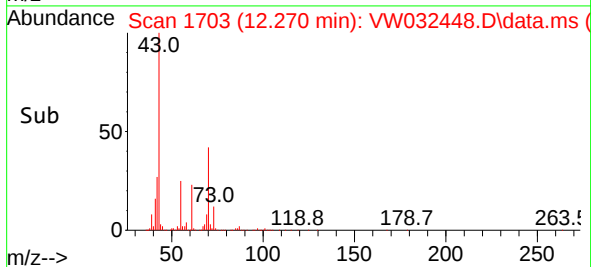
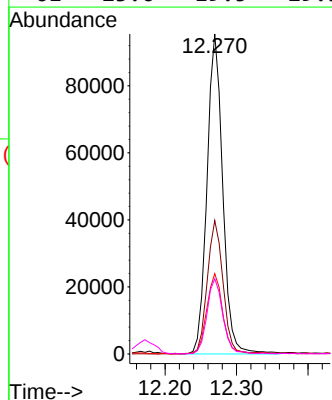
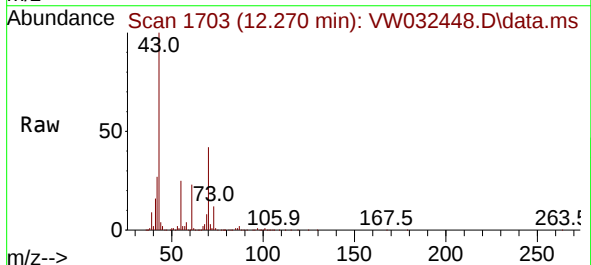
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

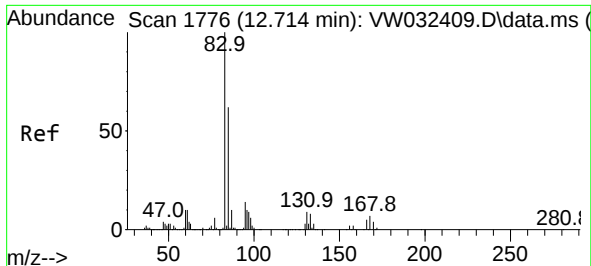
Tgt Ion:105 Resp: 434913
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5



#74
N-ethyl acetate
Concen: 19.489 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 43 Resp: 146204
Ion Ratio Lower Upper
43 100
70 41.5 33.5 50.3
55 25.6 19.3 28.9
61 23.6 19.5 29.3

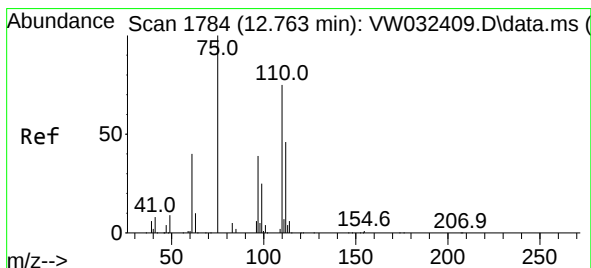
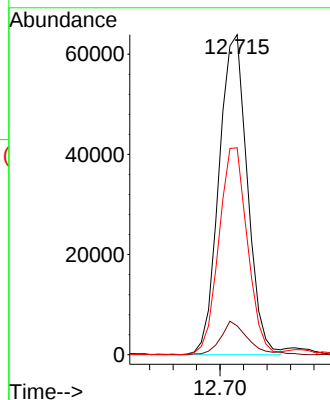
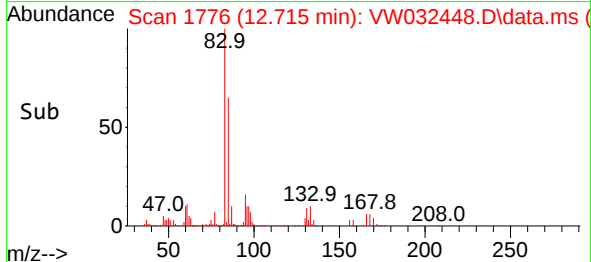
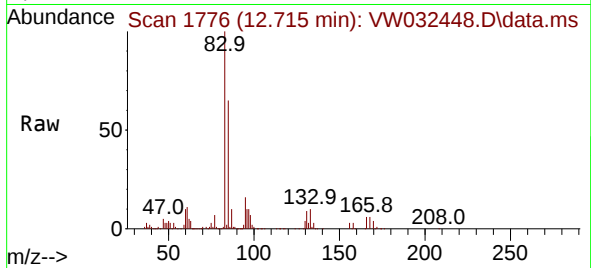




#75
1,1,2,2-Tetrachloroethane
Concen: 20.936 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

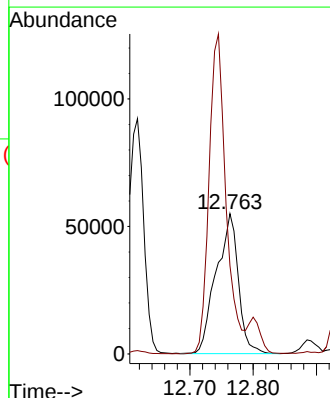
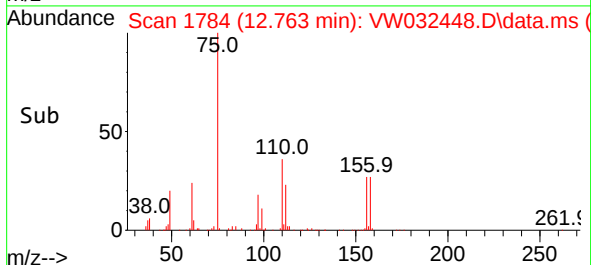
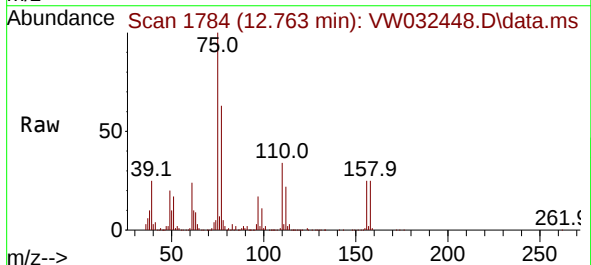
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

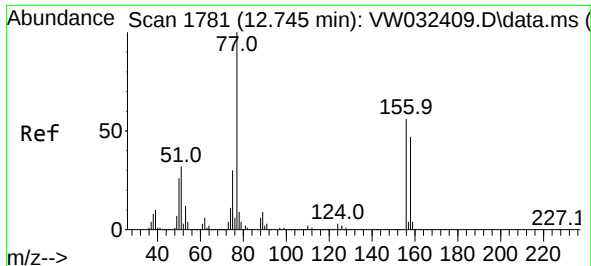
Tgt Ion: 83 Resp: 107263
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.3 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 33.056 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 75 Resp: 133230
Ion Ratio Lower Upper
75 100
77 177.1 151.6 454.8

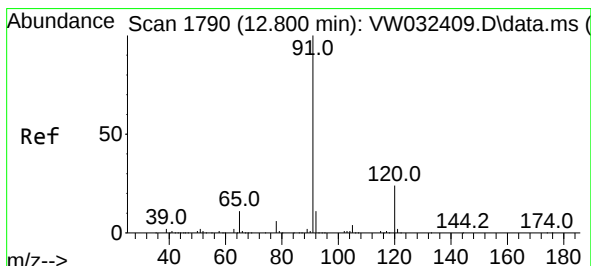
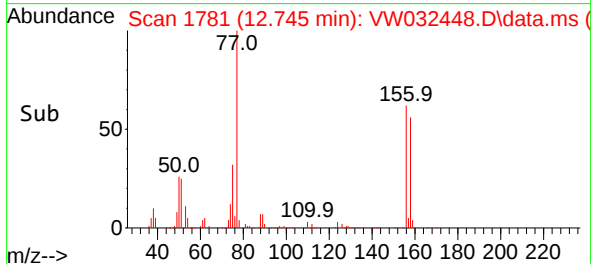
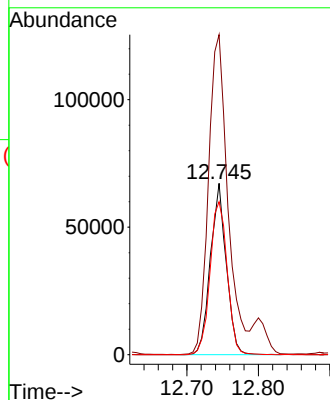
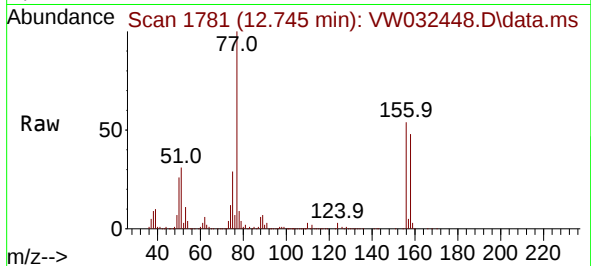




#77
Bromobenzene
Concen: 20.260 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

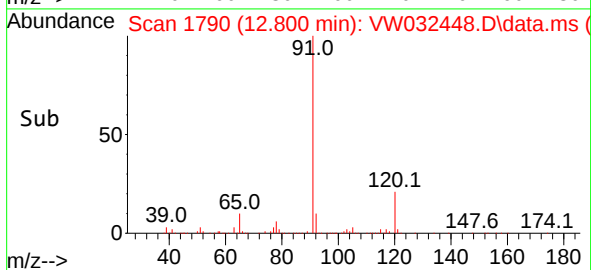
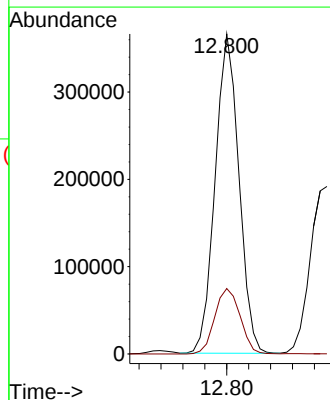
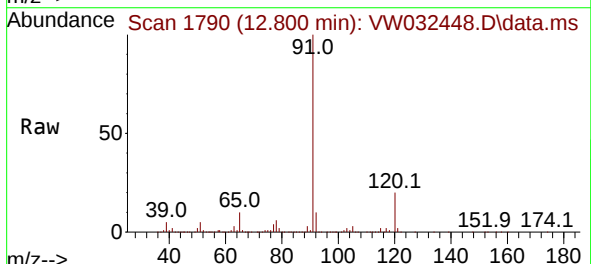
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

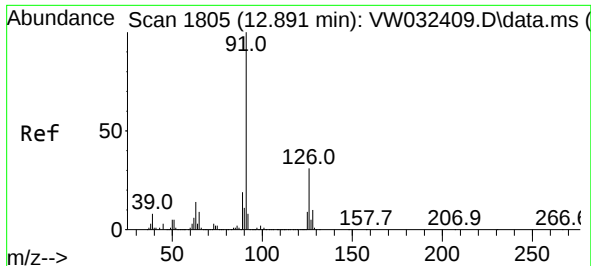
Tgt Ion:156 Resp: 103556
Ion Ratio Lower Upper
156 100
77 227.8 108.0 324.0
158 96.7 45.1 135.5



#78
n-propylbenzene
Concen: 20.926 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 91 Resp: 550164
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9

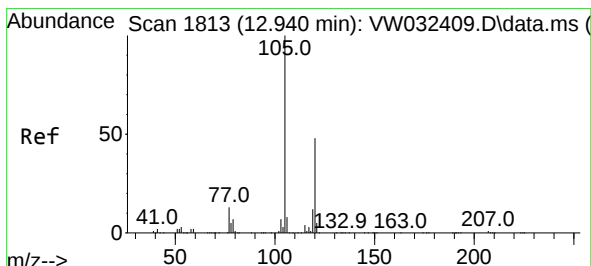
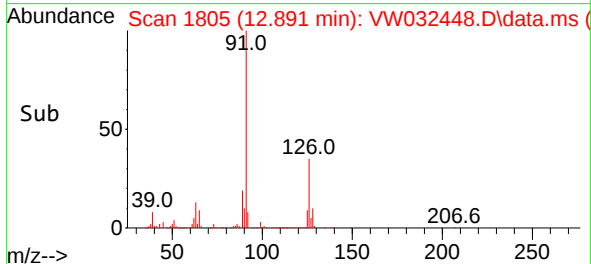
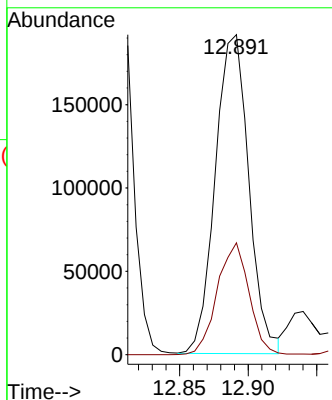
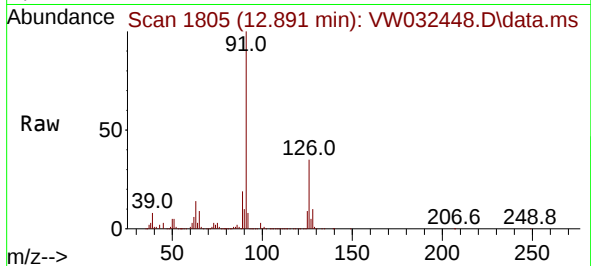




#79
2-Chlorotoluene
Concen: 20.308 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

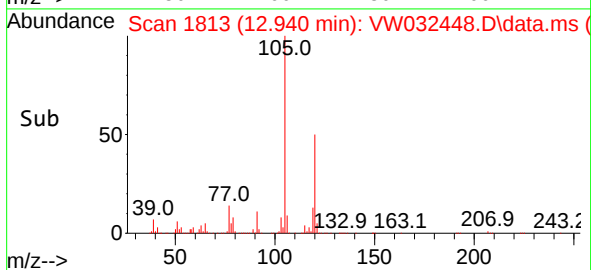
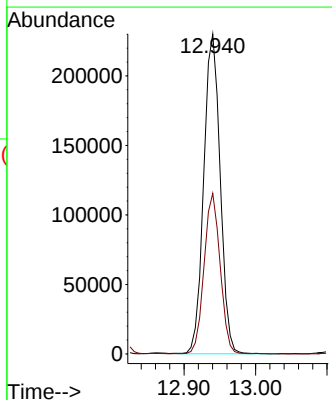
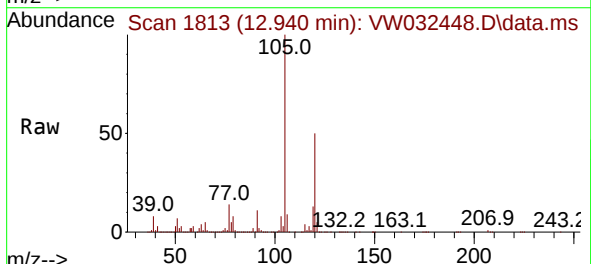
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

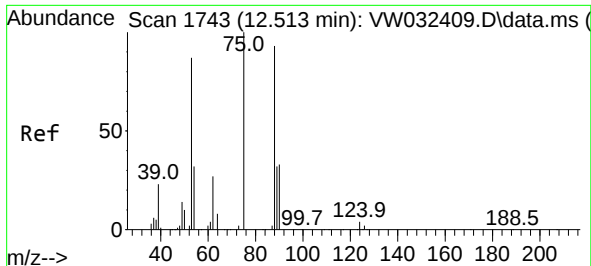
Tgt Ion: 91 Resp: 325937
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.639 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 105 Resp: 367583
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

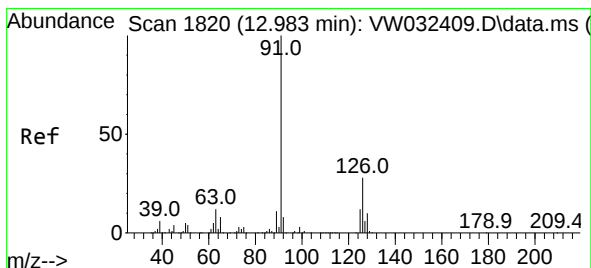
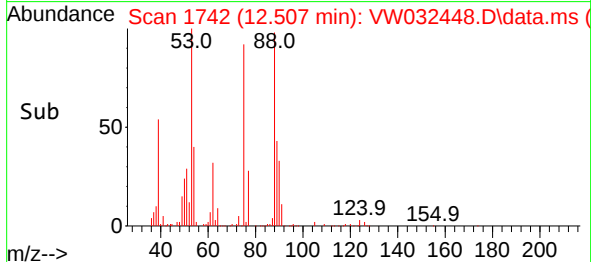
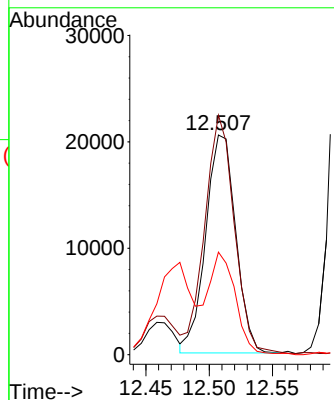
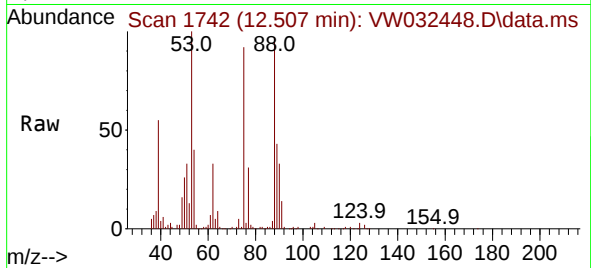




#81
trans-1,4-Dichloro-2-butene
Concen: 19.249 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

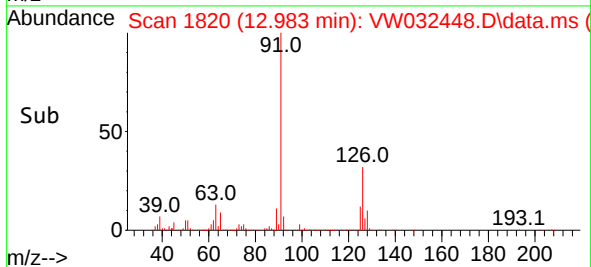
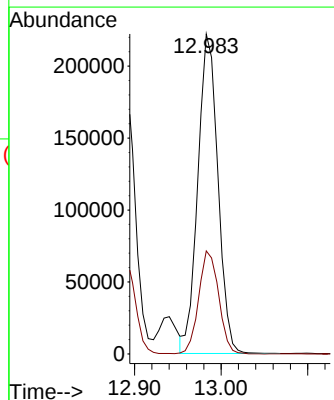
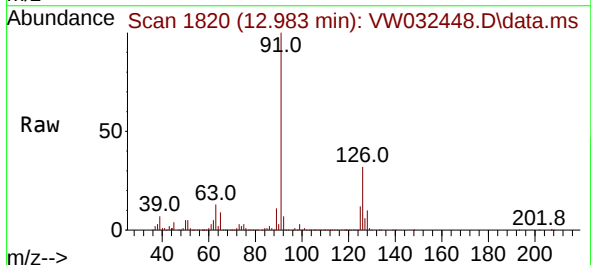
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBS01

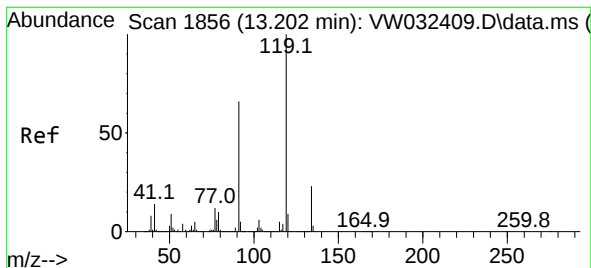
Tgt Ion: 75 Resp: 33873
Ion Ratio Lower Upper
75 100
53 108.3 77.8 116.8
89 44.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 21.390 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032448.D
Acq: 17 Nov 2025 11:29

Tgt Ion: 91 Resp: 357062
Ion Ratio Lower Upper
91 100
126 32.2 15.5 46.5

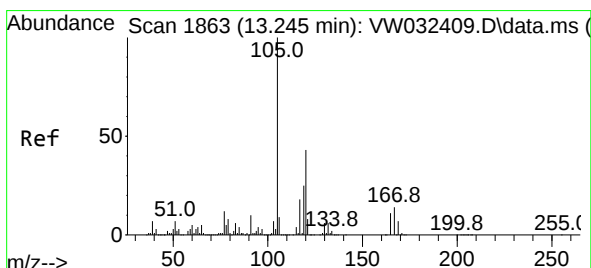
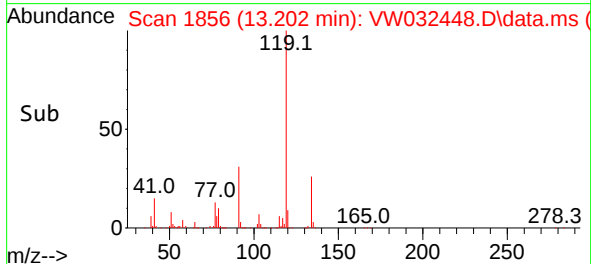
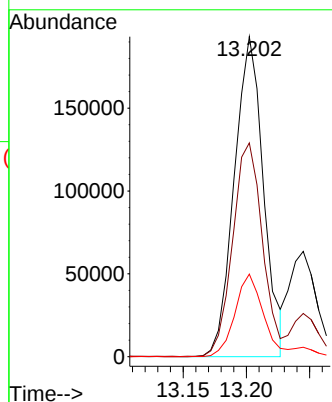
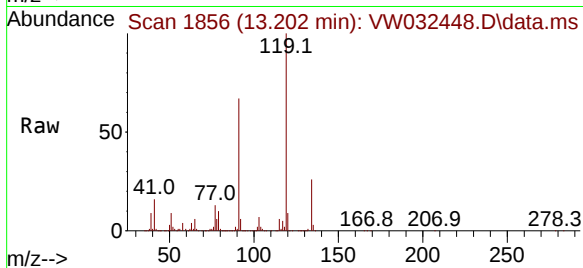




#83
 tert-Butylbenzene
 Concen: 20.064 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032448.D
 Acq: 17 Nov 2025 11:29

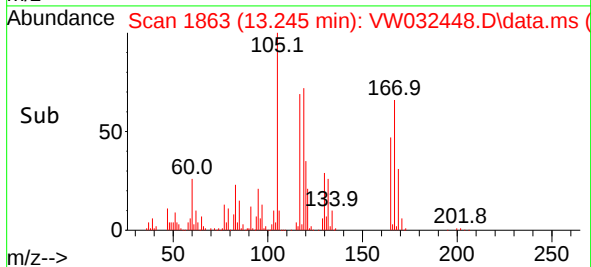
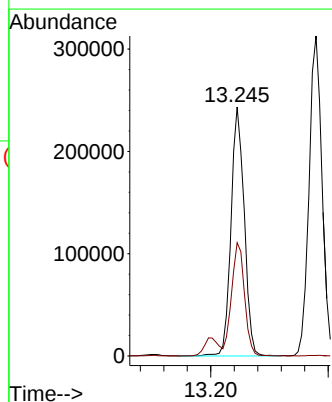
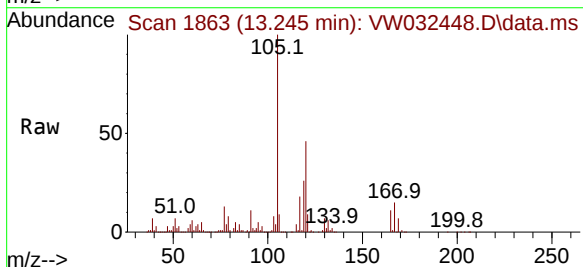
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBS01

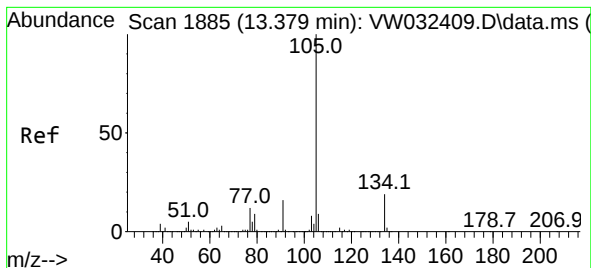
Tgt Ion:119 Resp: 310857
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.3 99.9
 134 24.9 12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.044 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032448.D
 Acq: 17 Nov 2025 11:29

Tgt Ion:105 Resp: 381209
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5

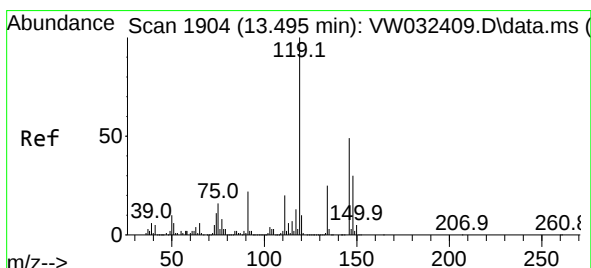
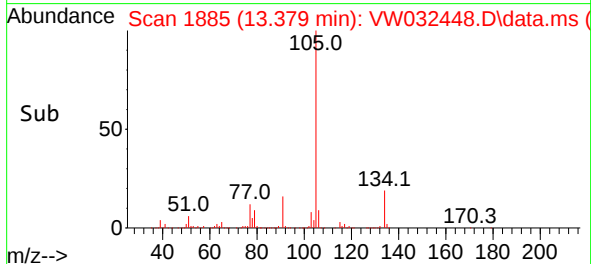
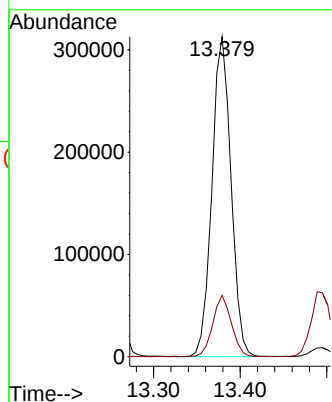
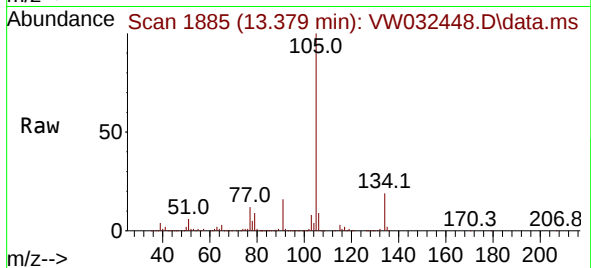




#85
 sec-Butylbenzene
 Concen: 20.707 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032448.D
 Acq: 17 Nov 2025 11:29

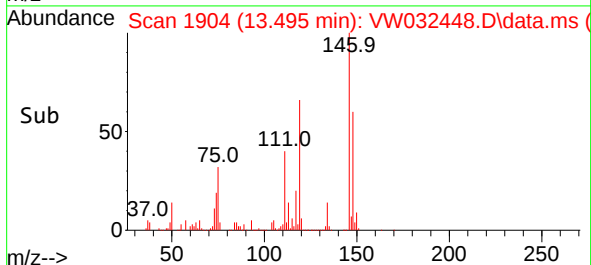
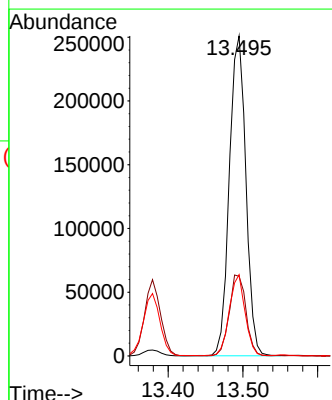
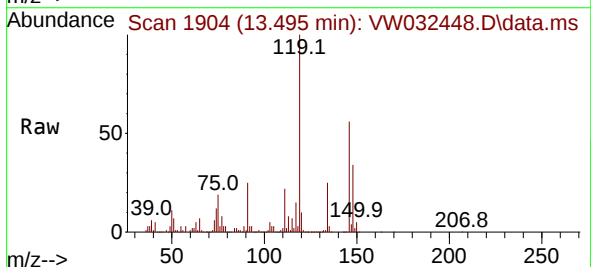
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBS01

Tgt Ion:105 Resp: 477805
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.193 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032448.D
 Acq: 17 Nov 2025 11:29

Tgt Ion:119 Resp: 384704
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 24.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.528 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBS01

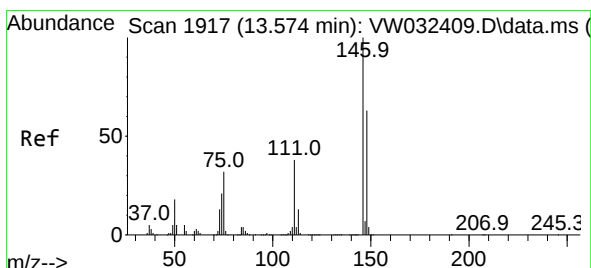
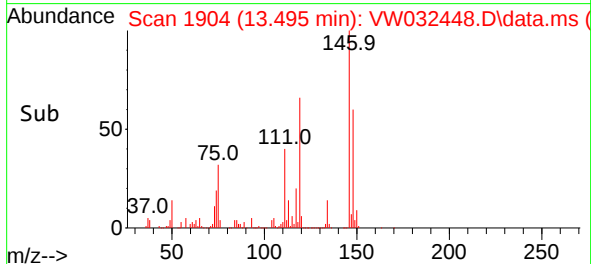
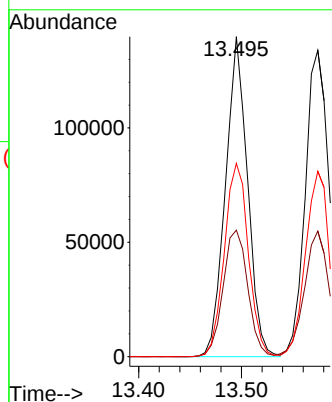
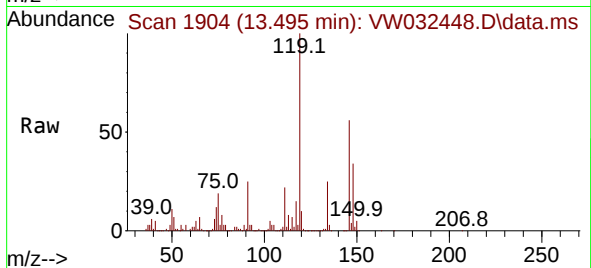
Tgt Ion:146 Resp: 208633

Ion Ratio Lower Upper

146 100

111 44.1 22.2 66.6

148 65.8 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 21.817 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

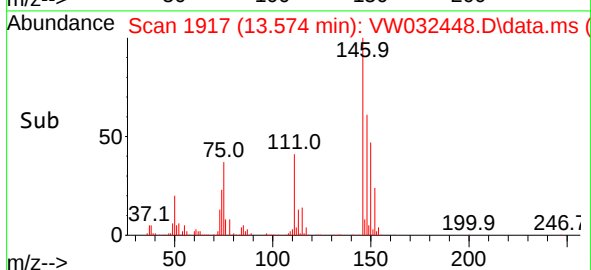
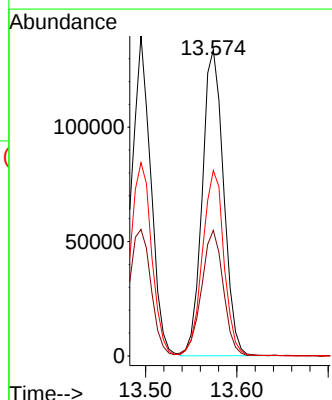
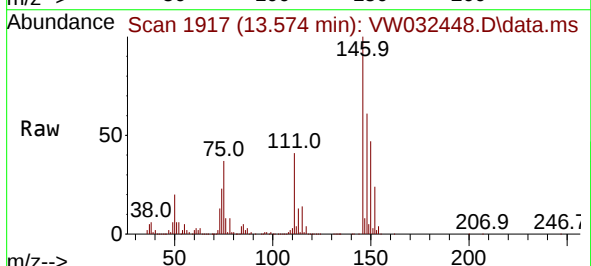
Tgt Ion:146 Resp: 216605

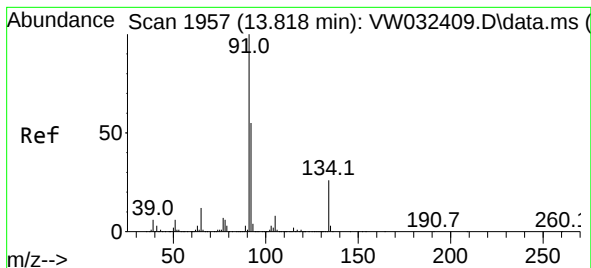
Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

148 60.9 31.2 93.6





#89

n-Butylbenzene

Concen: 20.088 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBS01

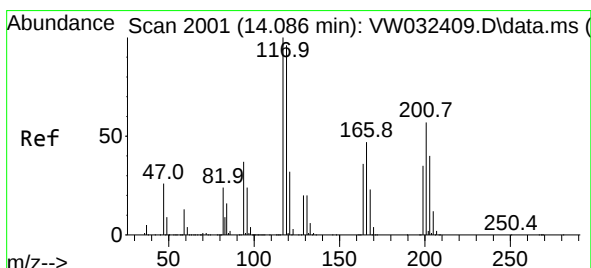
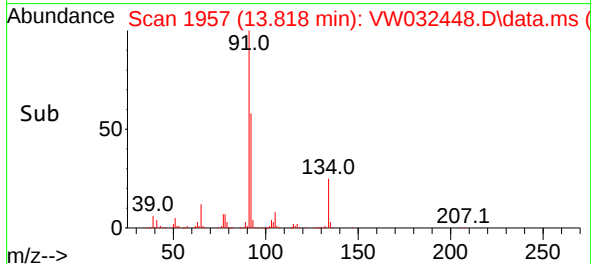
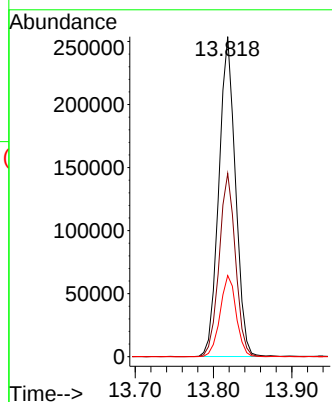
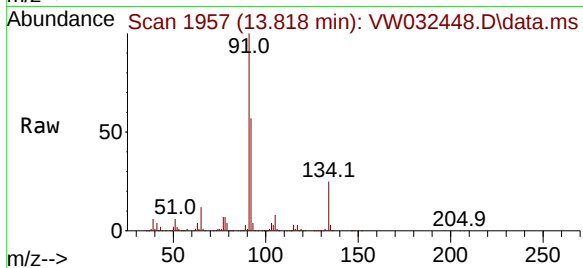
Tgt Ion: 91 Resp: 373902

Ion Ratio Lower Upper

91 100

92 56.3 27.4 82.2

134 24.7 12.4 37.4



#90

Hexachloroethane

Concen: 20.951 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032448.D

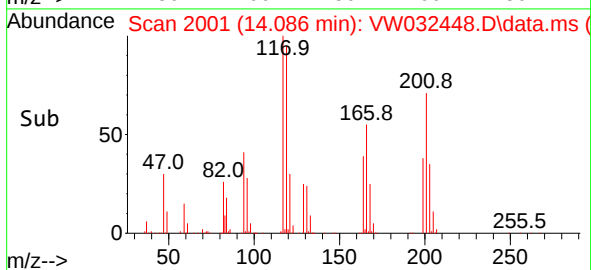
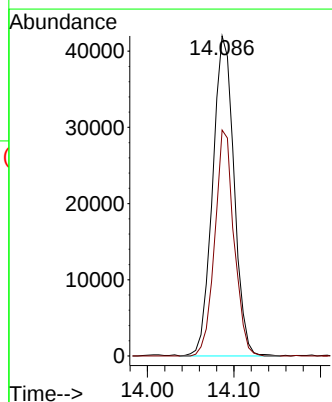
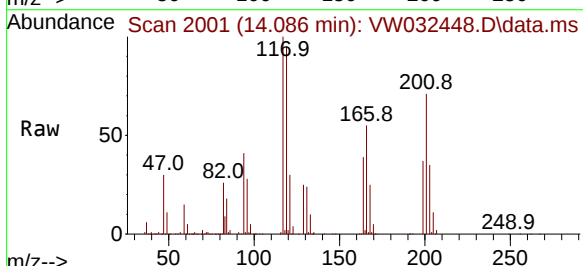
Acq: 17 Nov 2025 11:29

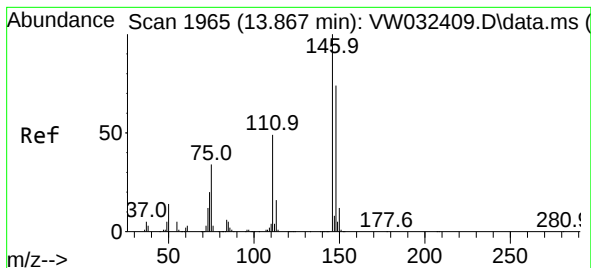
Tgt Ion: 117 Resp: 71968

Ion Ratio Lower Upper

117 100

201 63.5 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 21.660 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBS01

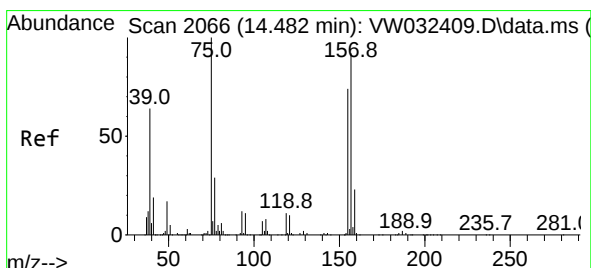
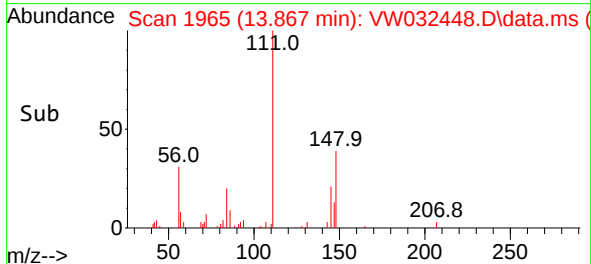
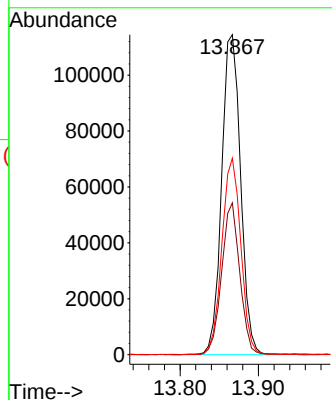
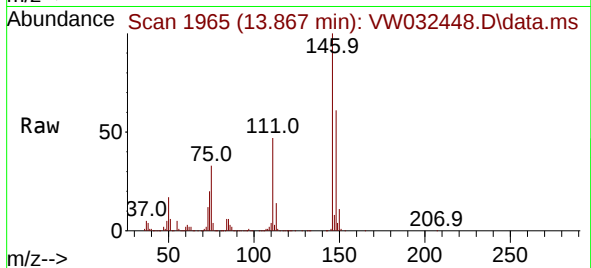
Tgt Ion:146 Resp: 192692

Ion Ratio Lower Upper

146 100

111 45.2 23.4 70.2

148 61.5 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.546 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

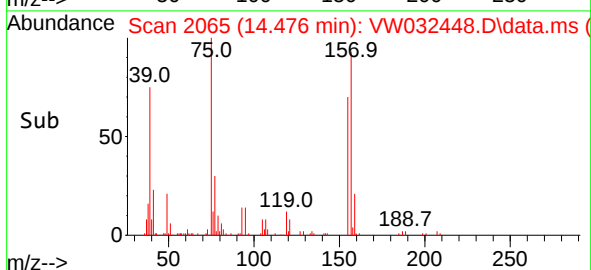
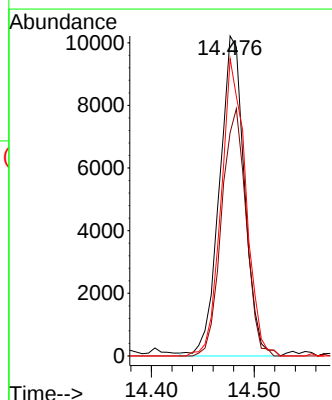
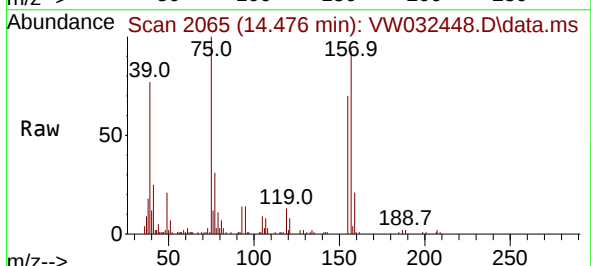
Tgt Ion: 75 Resp: 17252

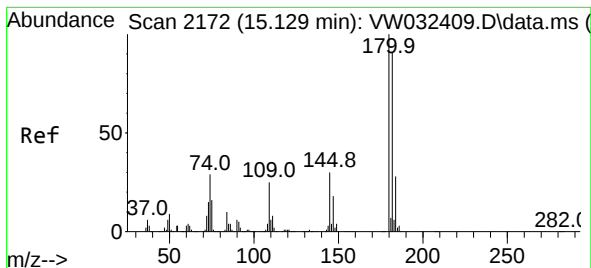
Ion Ratio Lower Upper

75 100

155 75.4 36.2 108.6

157 91.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.381 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBS01

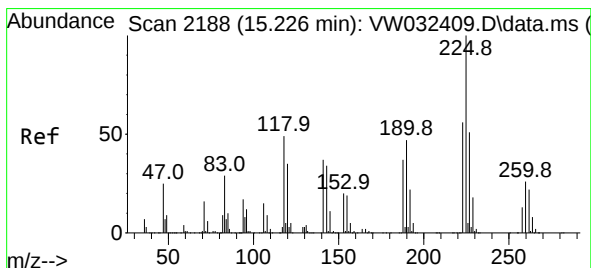
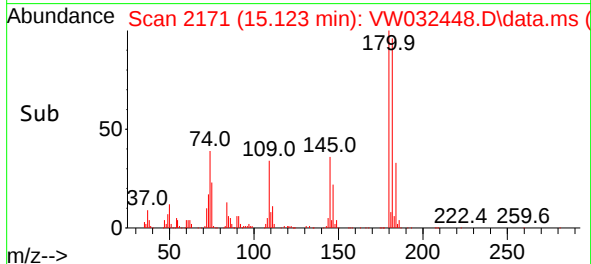
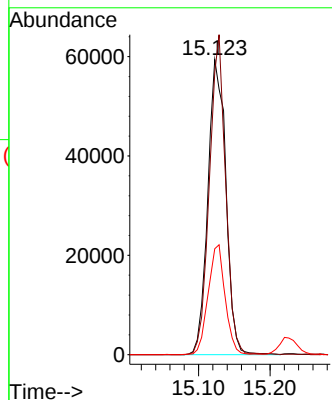
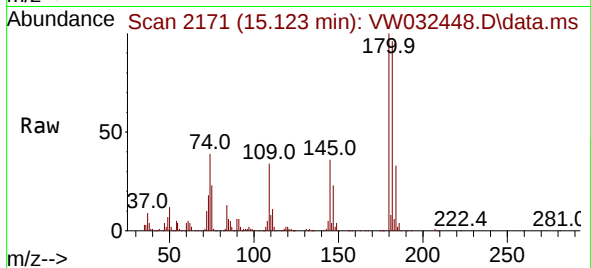
Tgt Ion:180 Resp: 104063

Ion Ratio Lower Upper

180 100

182 97.6 45.3 135.9

145 35.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 22.280 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

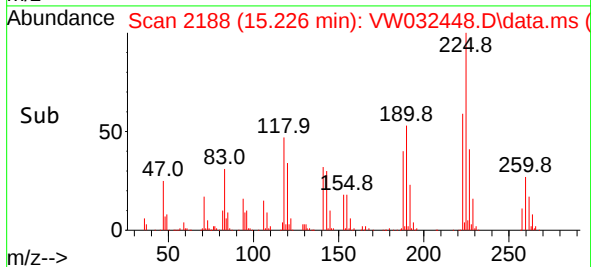
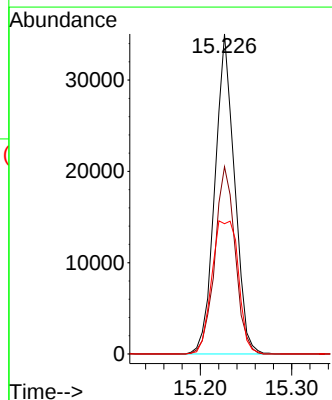
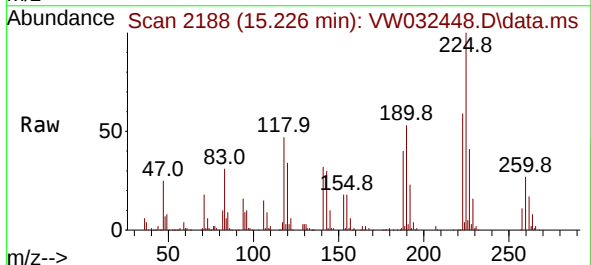
Tgt Ion:225 Resp: 52396

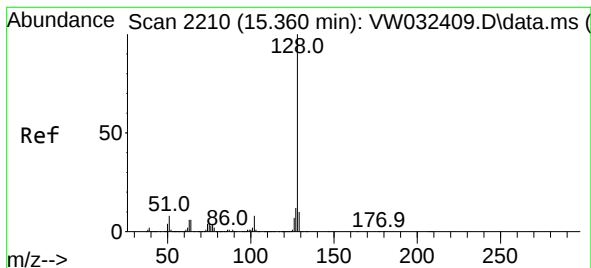
Ion Ratio Lower Upper

225 100

223 60.7 30.6 91.8

227 56.0 29.8 89.4





#95

Naphthalene

Concen: 17.788 ug/l

RT: 15.360 min Scan# 211

Delta R.T. 0.000 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBS01

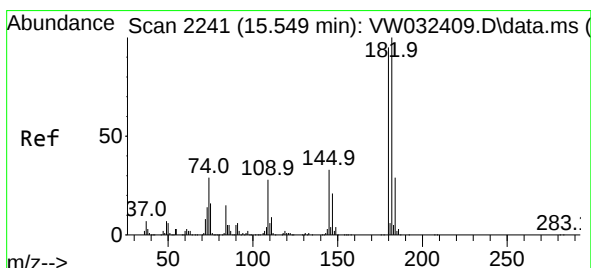
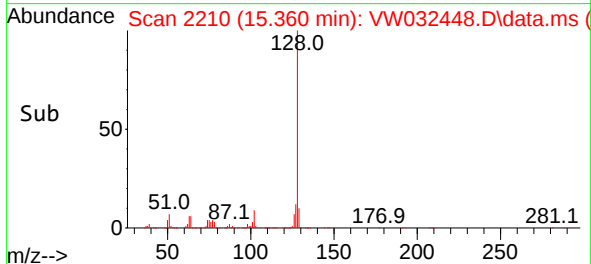
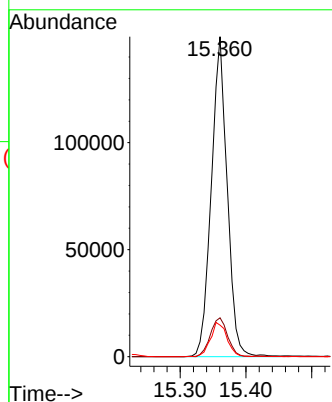
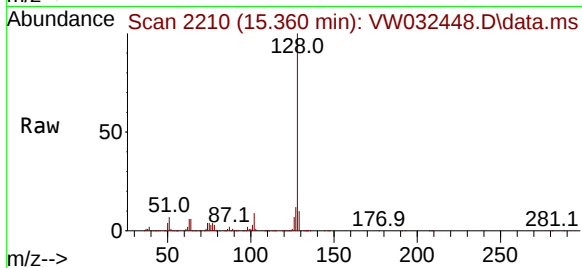
Tgt Ion:128 Resp: 251128

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.068 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032448.D

Acq: 17 Nov 2025 11:29

Tgt Ion:180 Resp: 98004

Ion Ratio Lower Upper

180 100

182 98.4 50.3 151.0

145 37.5 17.8 53.3

