

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031867.D
 Acq On : 16 Jul 2025 10:44
 Operator : SY/MD
 Sample : VW0716SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

Quant Time: Jul 17 03:59:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	214931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	411558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	360281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174902	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	161751	52.440	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.880%	
35) Dibromofluoromethane	7.904	113	131680	49.032	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.060%	
50) Toluene-d8	10.331	98	494833	49.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.617	95	192597	52.366	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 104.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	30016	20.506	ug/l	98
3) Chloromethane	2.259	50	39994	22.663	ug/l	96
4) Vinyl Chloride	2.412	62	51298	22.116	ug/l	94
5) Bromomethane	2.826	94	38170	21.068	ug/l	98
6) Chloroethane	2.978	64	34484	21.887	ug/l	100
7) Trichlorofluoromethane	3.308	101	44400	21.078	ug/l	100
8) Diethyl Ether	3.722	74	35137	21.951	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.094	101	47300	20.230	ug/l	98
10) Methyl Iodide	4.314	142	76544	21.236	ug/l	99
11) Tert butyl alcohol	5.240	59	20152	105.456	ug/l #	90
12) 1,1-Dichloroethene	4.088	96	54401	21.242	ug/l	89
13) Acrolein	3.936	56	39836	115.985	ug/l	97
14) Allyl chloride	4.710	41	85346	21.720	ug/l	94
15) Acrylonitrile	5.405	53	84017	106.737	ug/l	100
16) Acetone	4.167	43	80332	105.368	ug/l	97
17) Carbon Disulfide	4.423	76	137642	20.085	ug/l	96
18) Methyl Acetate	4.716	43	45099	20.698	ug/l	100
19) Methyl tert-butyl Ether	5.472	73	102575	23.598	ug/l	99
20) Methylene Chloride	4.960	84	73985	21.521	ug/l	93
21) trans-1,2-Dichloroethene	5.466	96	60461	22.218	ug/l	92
22) Diisopropyl ether	6.350	45	181987	23.747	ug/l	99
23) Vinyl Acetate	6.289	43	619991	118.443	ug/l	100
24) 1,1-Dichloroethane	6.252	63	111612	22.464	ug/l	97
25) 2-Butanone	7.203	43	118836	119.812	ug/l	98
26) 2,2-Dichloropropane	7.191	77	58060	20.029	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	72545	23.192	ug/l	99
28) Bromochloromethane	7.539	49	48391	22.071	ug/l	99
29) Tetrahydrofuran	7.563	42	79805	117.490	ug/l	99
30) Chloroform	7.697	83	122179	23.142	ug/l	100
31) Cyclohexane	7.972	56	91555	20.846	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	85533	21.023	ug/l	98
36) 1,1-Dichloropropene	8.100	75	82087	21.123	ug/l	99
37) Ethyl Acetate	7.277	43	53377	21.773	ug/l	99
38) Carbon Tetrachloride	8.087	117	77021	19.449	ug/l	96
39) Methylcyclohexane	9.343	83	96102	19.876	ug/l	99
40) Benzene	8.337	78	258254	22.461	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	28895	22.003	ug/l	95
42) 1,2-Dichloroethane	8.417	62	83093	21.388	ug/l	97
43) Isopropyl Acetate	8.441	43	93269	22.071	ug/l	97
44) Trichloroethene	9.105	130	60719	21.159	ug/l	96
45) 1,2-Dichloropropane	9.380	63	60548	21.789	ug/l	98
46) Dibromomethane	9.465	93	38571	21.500	ug/l	96
47) Bromodichloromethane	9.654	83	89999	21.393	ug/l	97
48) Methyl methacrylate	9.447	41	45515	21.905	ug/l	99
49) 1,4-Dioxane	9.471	88	9182	436.992	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	266896	109.858	ug/l	100
52) Toluene	10.392	92	163752	22.244	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	86472	21.907	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	98921	22.107	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	50347	21.424	ug/l #	90
56) Ethyl methacrylate	10.648	69	73603	23.086	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89808	21.767	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	191592	109.133	ug/l	97
59) 2-Hexanone	10.971	43	189252	114.955	ug/l	99
60) Dibromochloromethane	11.129	129	58650	20.870	ug/l	98
61) 1,2-Dibromoethane	11.233	107	51786	22.012	ug/l	98
64) Tetrachloroethene	10.867	164	46227	19.615	ug/l	95
65) Chlorobenzene	11.660	112	176365	22.187	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	56105	22.149	ug/l	96
67) Ethyl Benzene	11.733	91	313187	22.721	ug/l	97
68) m/p-Xylenes	11.837	106	235261	44.399	ug/l	98
69) o-Xylene	12.166	106	112783	22.988	ug/l	98
70) Styrene	12.184	104	196656	23.187	ug/l	100
71) Bromoform	12.349	173	30946	20.479	ug/l #	99
73) Isopropylbenzene	12.465	105	293824	22.085	ug/l	99
74) N-amyl acetate	12.270	43	83609	23.316	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	64383	21.798	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	83114	36.772	ug/l #	1
77) Bromobenzene	12.745	156	63778	21.494	ug/l	96
78) n-propylbenzene	12.800	91	357325	22.429	ug/l	98
79) 2-Chlorotoluene	12.891	91	217449	22.667	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	257220	23.357	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	19851	20.456	ug/l	93
82) 4-Chlorotoluene	12.989	91	221770	22.019	ug/l	99
83) tert-Butylbenzene	13.202	119	209895	22.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	249870	22.394	ug/l	98
85) sec-Butylbenzene	13.379	105	310992	21.965	ug/l	99
86) p-Isopropyltoluene	13.495	119	257624	22.078	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	133743	22.475	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	129705	21.295	ug/l	96
89) n-Butylbenzene	13.818	91	248633	21.930	ug/l	99
90) Hexachloroethane	14.086	117	42880	20.369	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	120729	22.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11603	20.119	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	74451	22.196	ug/l	94
94) Hexachlorobutadiene	15.232	225	31871	19.677	ug/l	92
95) Naphthalene	15.360	128	177555	21.591	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	63275	20.530	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

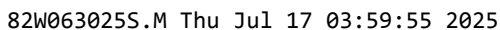
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

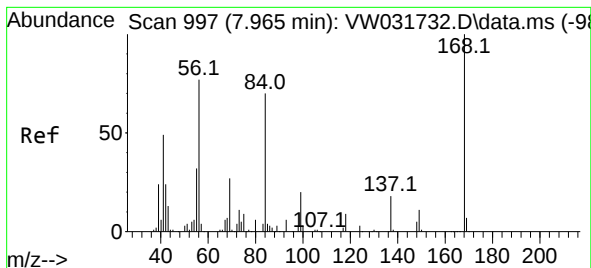
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW031867.D

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Instrument :

MSVOA_W

ClientSampleId :

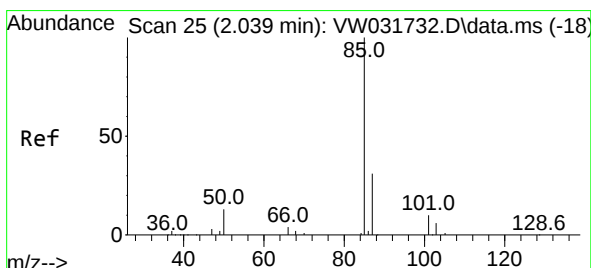
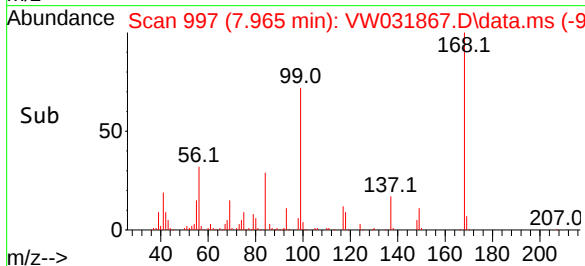
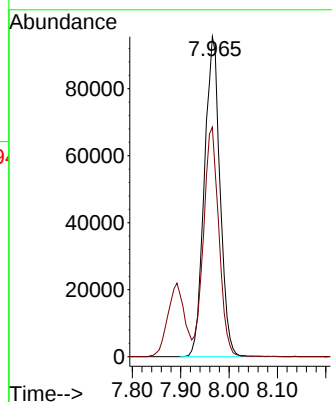
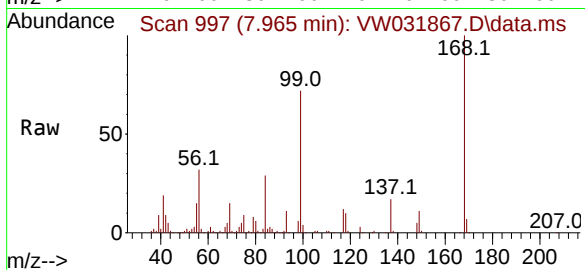
VW0716SBS01

Tgt Ion:168 Resp: 214931

Ion Ratio Lower Upper

168 100

99 71.7 49.4 74.2



#2

Dichlorodifluoromethane

Concen: 20.506 ug/l

RT: 2.052 min Scan# 27

Delta R.T. 0.013 min

Lab File: VW031867.D

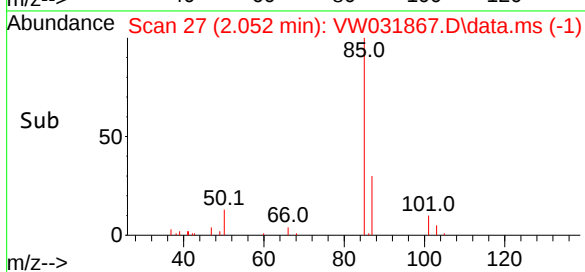
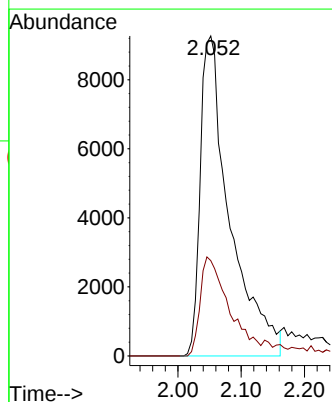
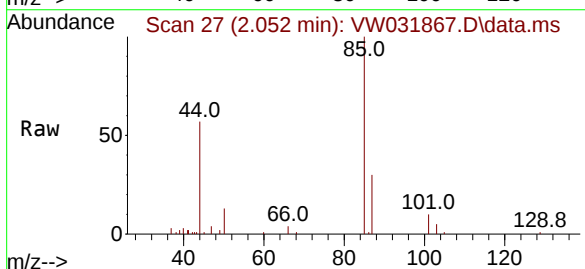
Acq: 16 Jul 2025 10:44

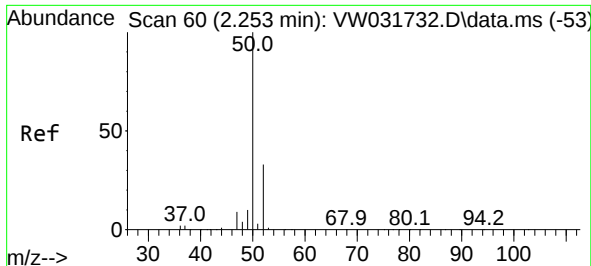
Tgt Ion: 85 Resp: 30016

Ion Ratio Lower Upper

85 100

87 29.8 15.4 46.2

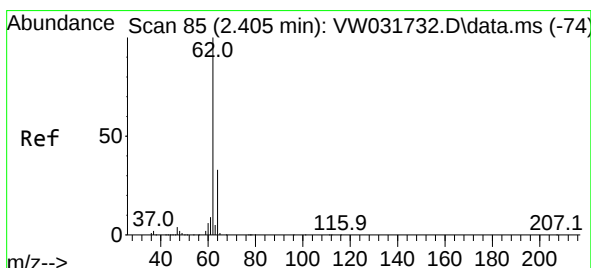
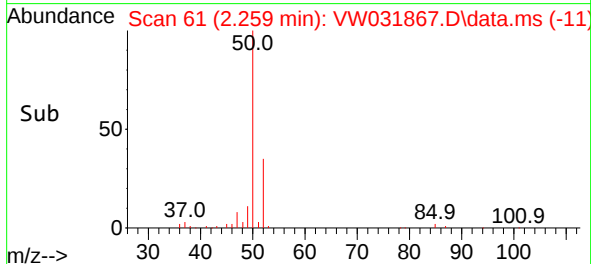
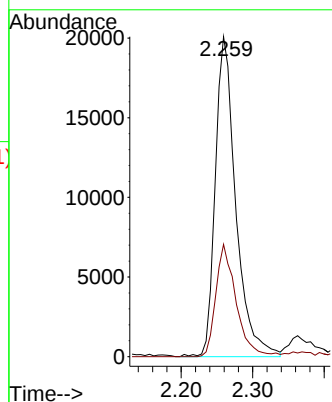
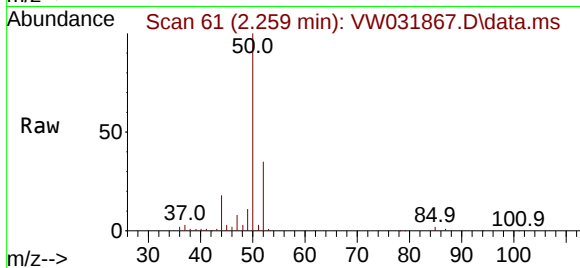




#3
Chloromethane
Concen: 22.663 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

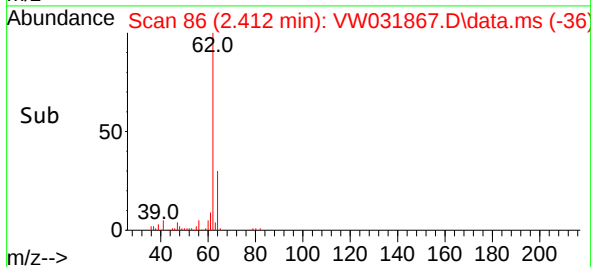
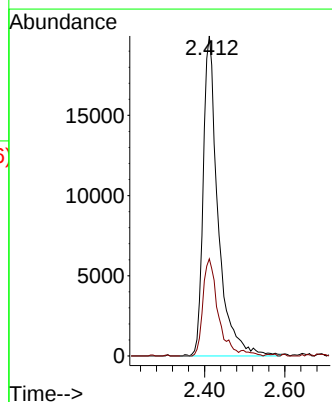
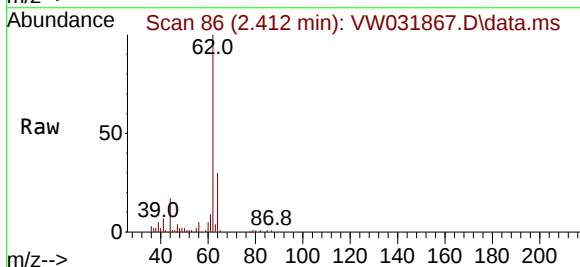
Instrument :
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ClientSampleId :
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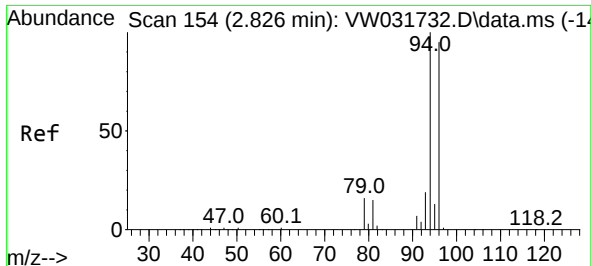
Tgt Ion: 50 Resp: 39994
Ion Ratio Lower Upper
50 100
52 35.1 26.2 39.2



#4
Vinyl Chloride
Concen: 22.116 ug/l
RT: 2.412 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 62 Resp: 51298
Ion Ratio Lower Upper
62 100
64 30.4 26.8 40.2

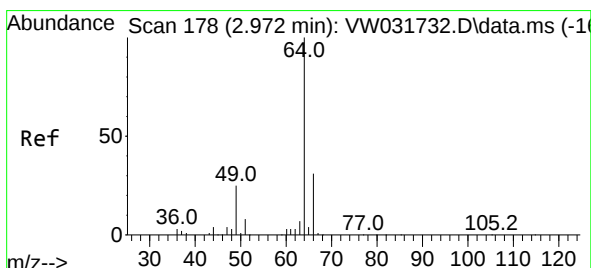
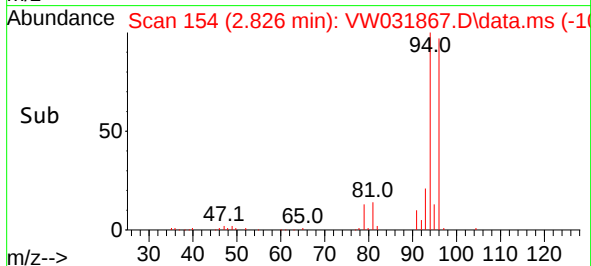
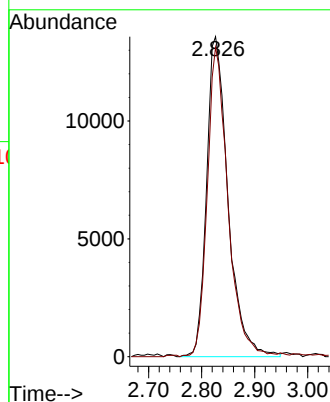
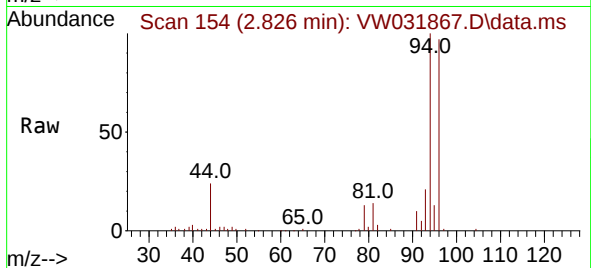




#5
Bromomethane
Concen: 21.068 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

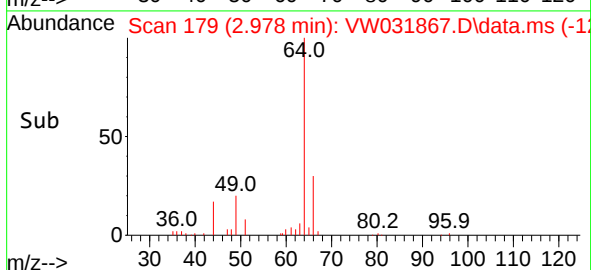
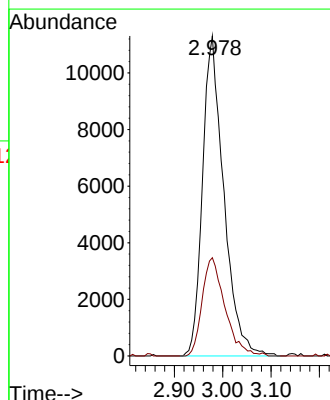
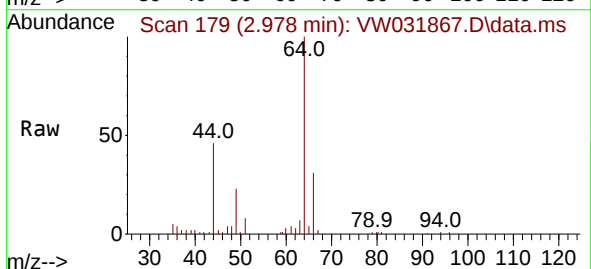
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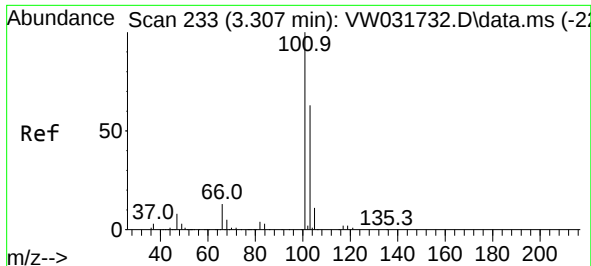
Tgt Ion: 94 Resp: 38170
Ion Ratio Lower Upper
94 100
96 96.7 75.6 113.4



#6
Chloroethane
Concen: 21.887 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 64 Resp: 34484
Ion Ratio Lower Upper
64 100
66 30.7 24.5 36.7

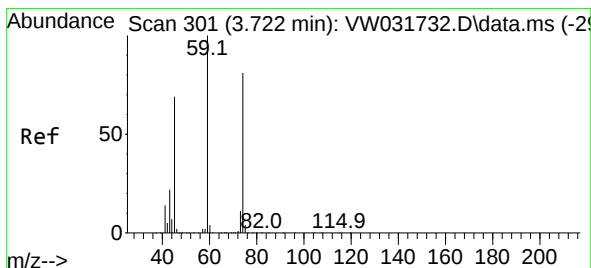
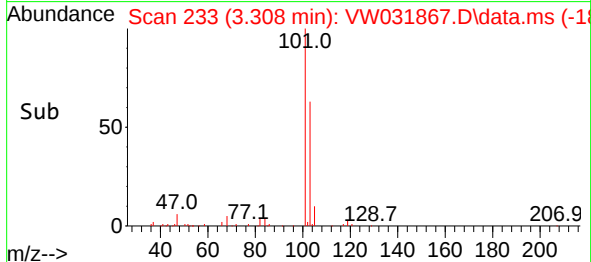
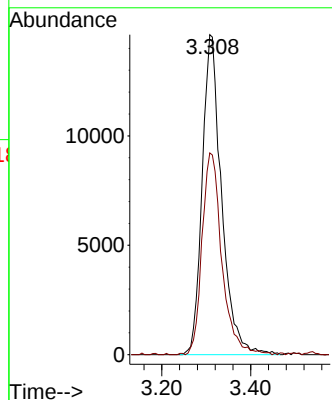
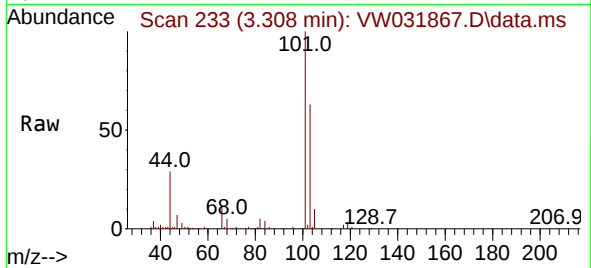




#7
 Trichlorofluoromethane
 Concen: 21.078 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031867.D
 Acq: 16 Jul 2025 10:44

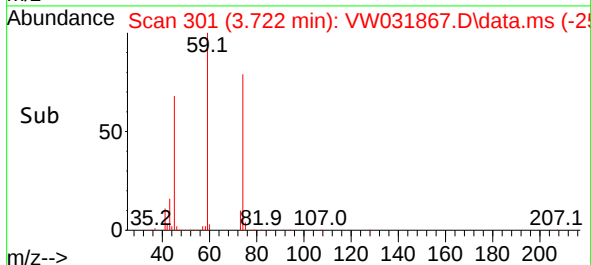
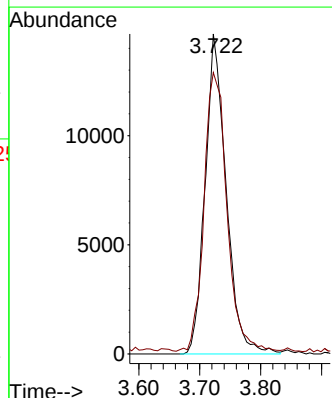
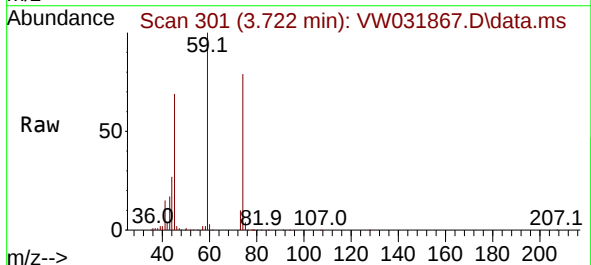
Instrument :
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 ClientSampleId :
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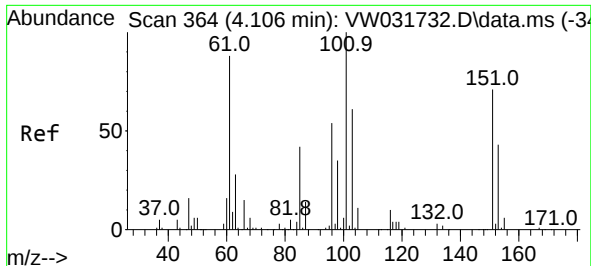
Tgt Ion:101 Resp: 44400
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.2 75.4



#8
 Diethyl Ether
 Concen: 21.951 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031867.D
 Acq: 16 Jul 2025 10:44

Tgt Ion: 74 Resp: 35137
 Ion Ratio Lower Upper
 74 100
 45 94.8 43.9 131.7

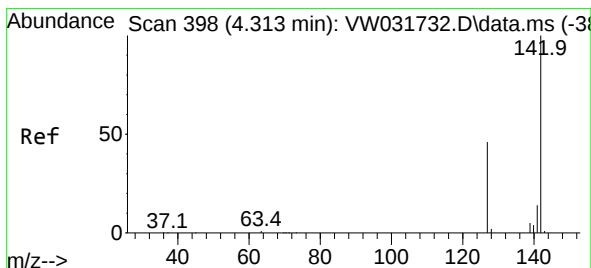
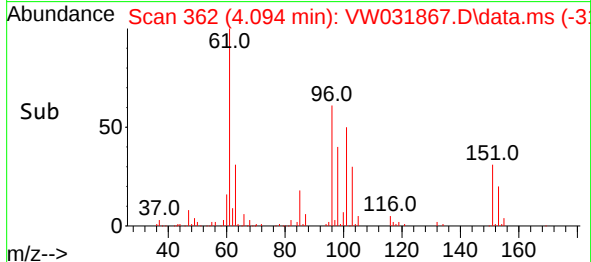
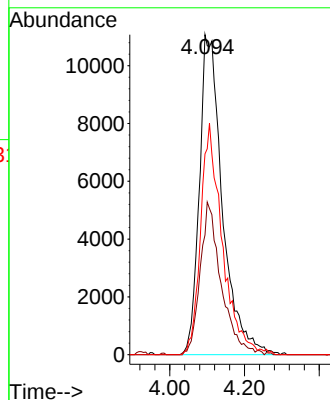
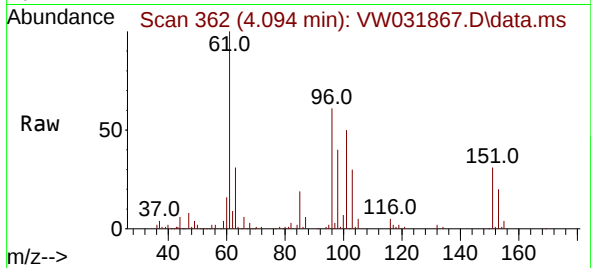




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.230 ug/l
RT: 4.094 min Scan# 301
Delta R.T. -0.012 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

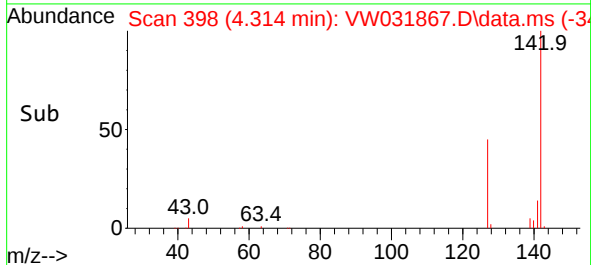
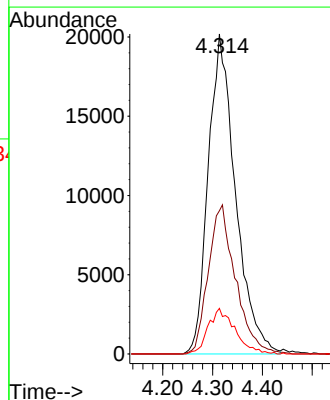
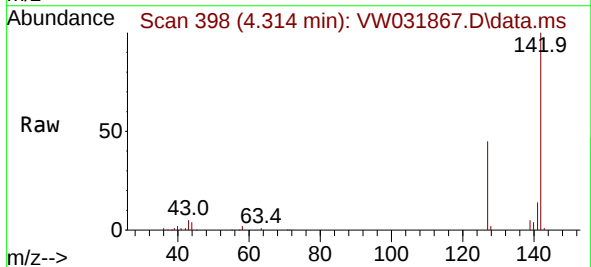
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

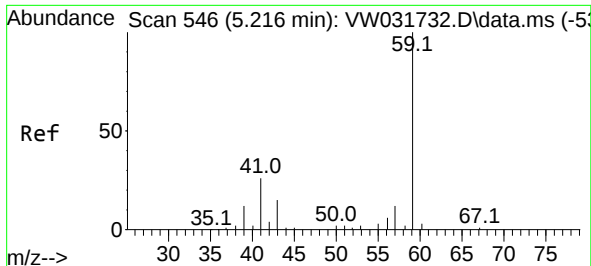
Tgt Ion:101 Resp: 47300
Ion Ratio Lower Upper
101 100
85 43.7 35.6 53.4
151 68.3 56.8 85.2



#10
Methyl Iodide
Concen: 21.236 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion:142 Resp: 76544
Ion Ratio Lower Upper
142 100
127 46.6 37.9 56.9
141 14.1 11.7 17.5

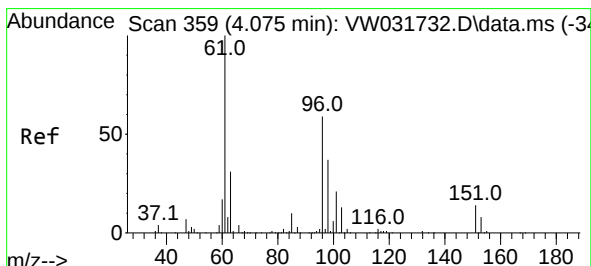
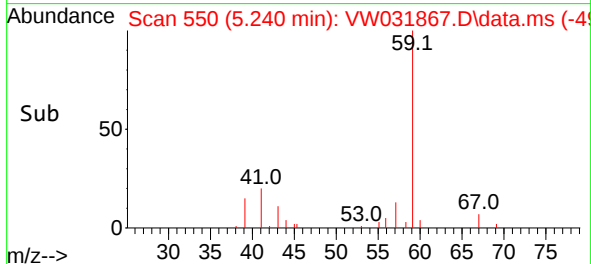
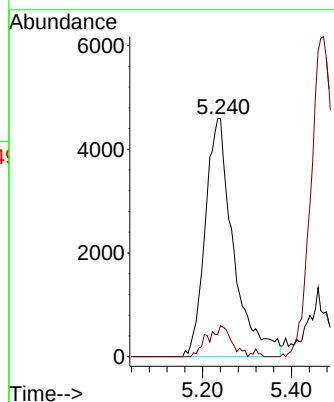
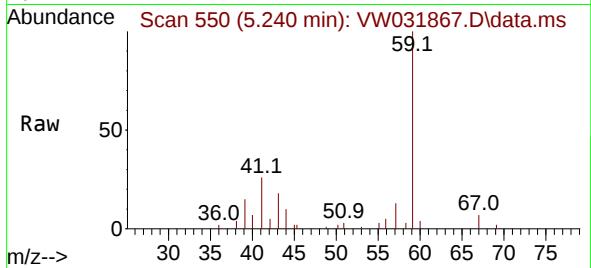




#11
Tert butyl alcohol
Concen: 105.456 ug/l
RT: 5.240 min Scan# 511
Delta R.T. 0.025 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

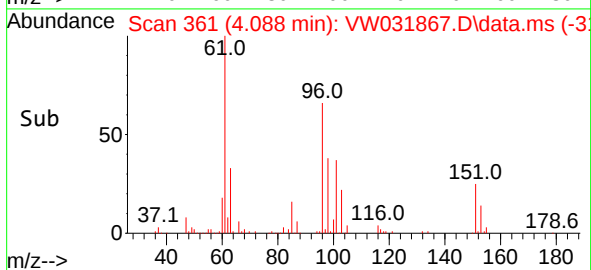
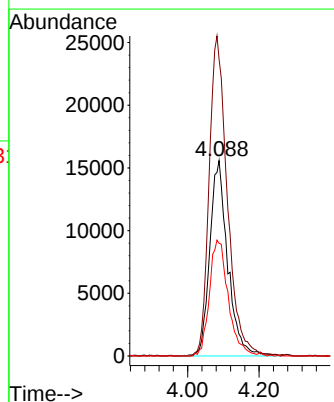
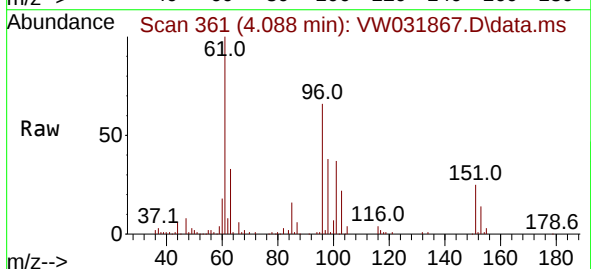
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

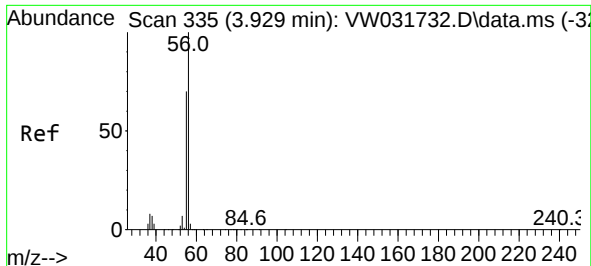
Tgt Ion: 59 Resp: 20152
Ion Ratio Lower Upper
59 100
57 8.1 9.5 14.3#



#12
1,1-Dichloroethene
Concen: 21.242 ug/l
RT: 4.088 min Scan# 361
Delta R.T. 0.013 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 96 Resp: 54401
Ion Ratio Lower Upper
96 100
61 152.0 135.8 203.8
98 57.7 50.4 75.6

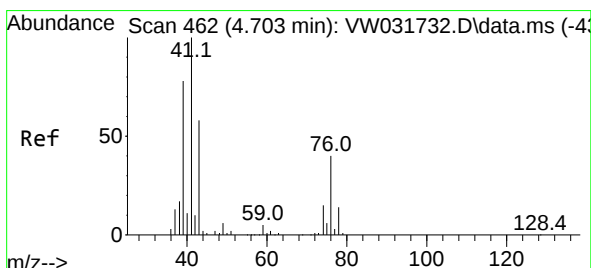
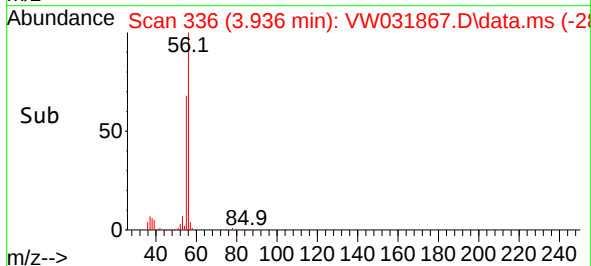
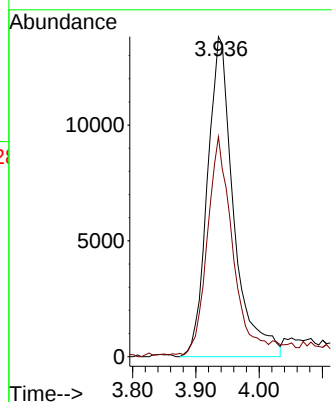
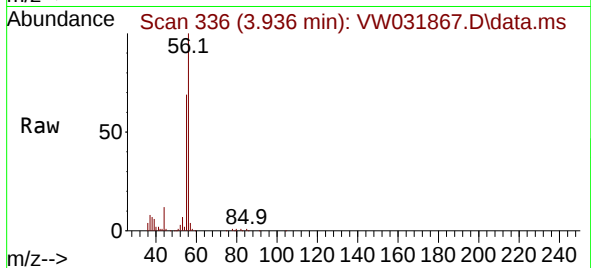




#13
Acrolein
Concen: 115.985 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

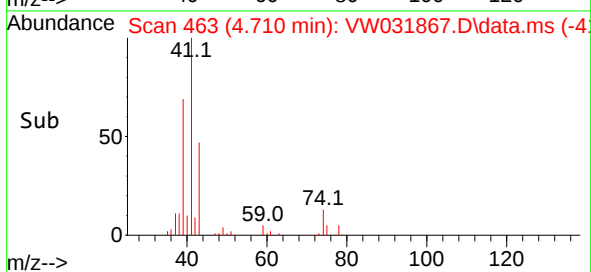
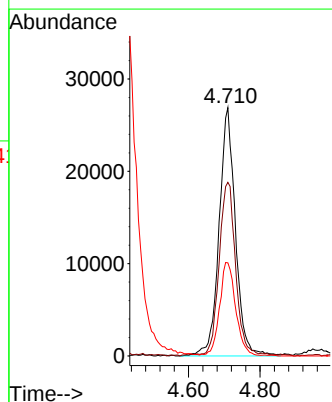
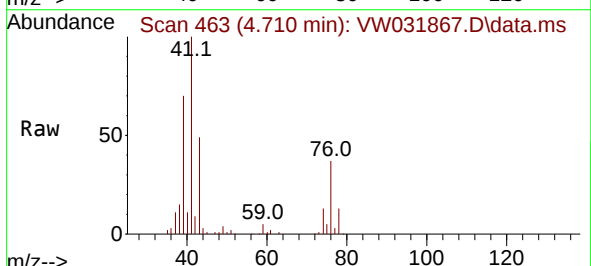
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion: 56 Resp: 39836
Ion Ratio Lower Upper
56 100
55 65.3 54.0 81.0



#14
Allyl chloride
Concen: 21.720 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 41 Resp: 85346
Ion Ratio Lower Upper
41 100
39 69.4 60.7 91.1
76 36.2 30.3 45.5

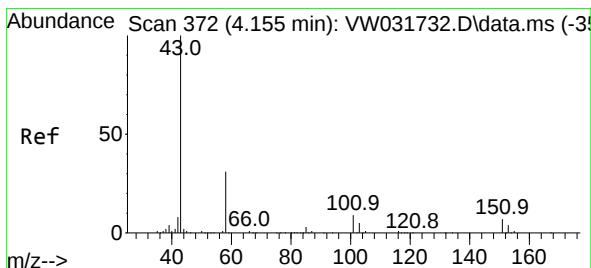
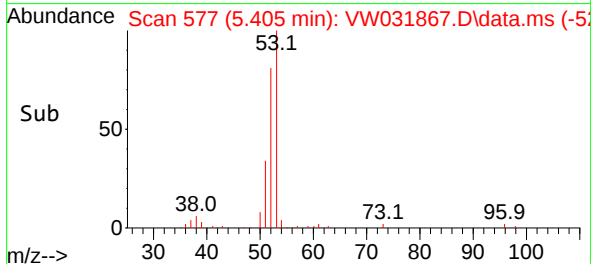
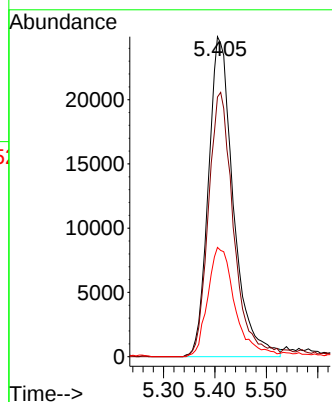
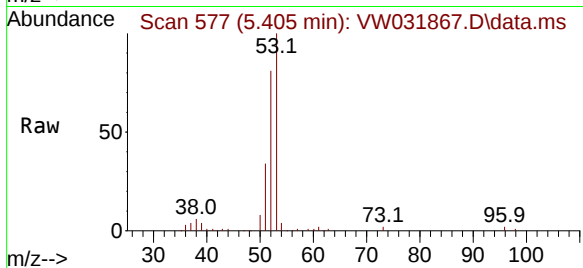




#15
Acrylonitrile
Concen: 106.737 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

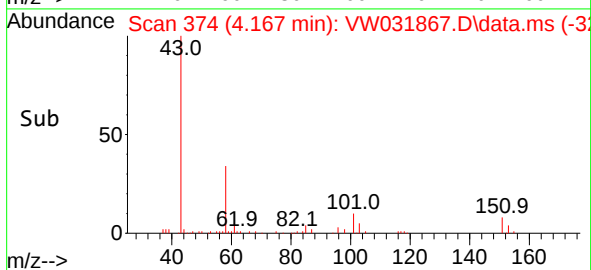
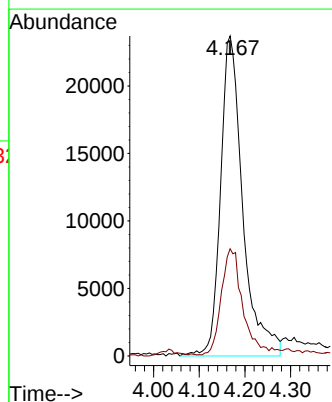
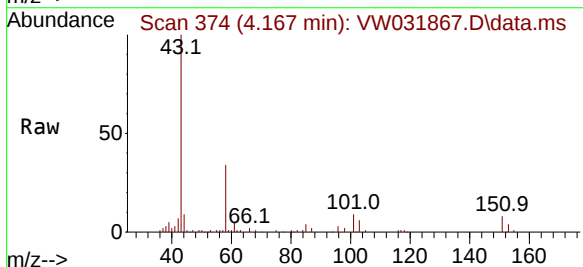
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

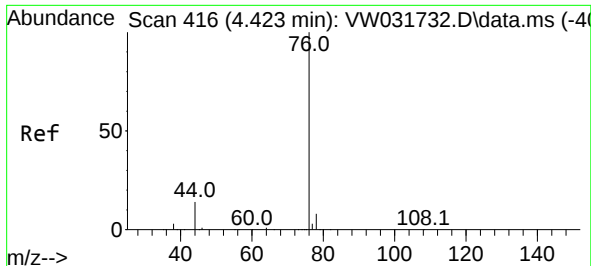
Tgt Ion: 53 Resp: 84017
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 37.2 29.9 44.9



#16
Acetone
Concen: 105.368 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.013 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 43 Resp: 80332
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2

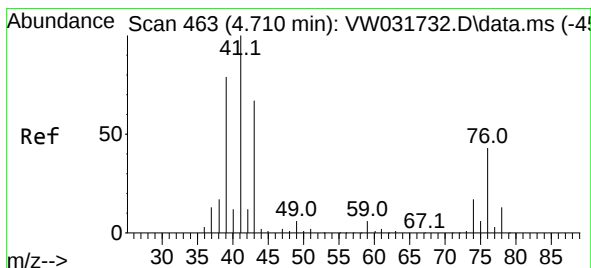
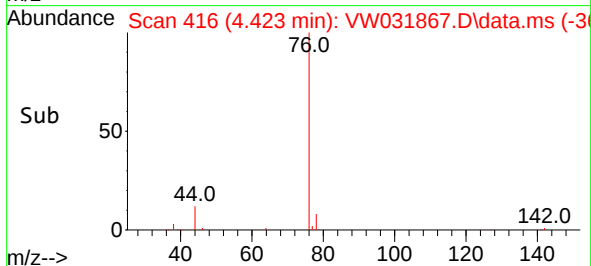
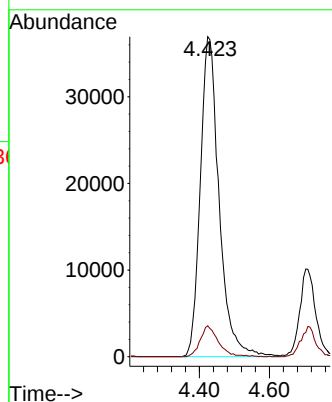
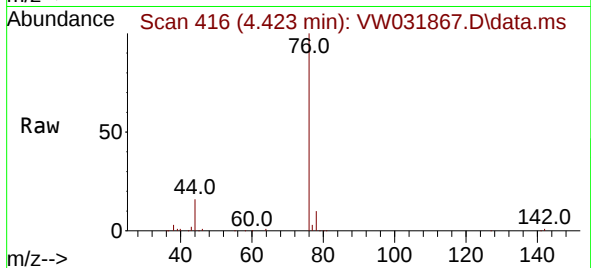




#17
Carbon Disulfide
Concen: 20.085 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

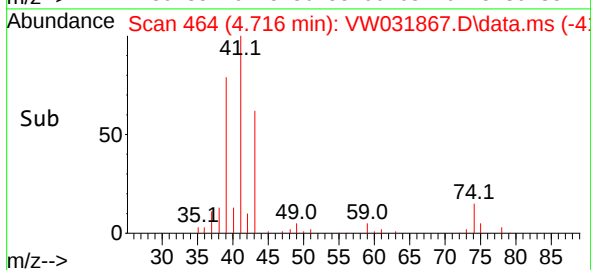
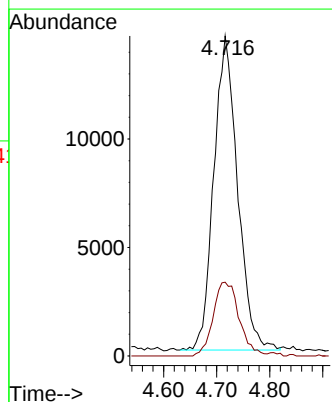
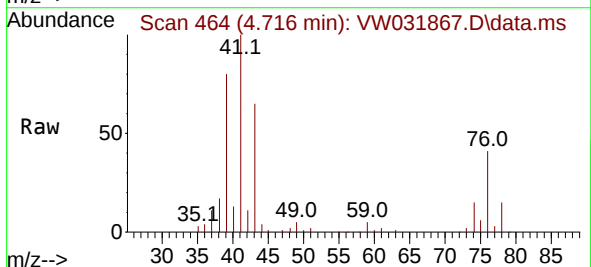
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion: 76 Resp: 137642
Ion Ratio Lower Upper
76 100
78 9.7 6.6 10.0



#18
Methyl Acetate
Concen: 20.698 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 43 Resp: 45099
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8

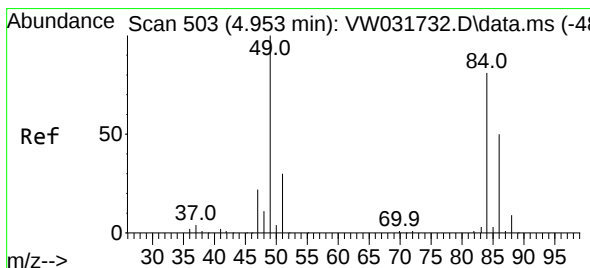
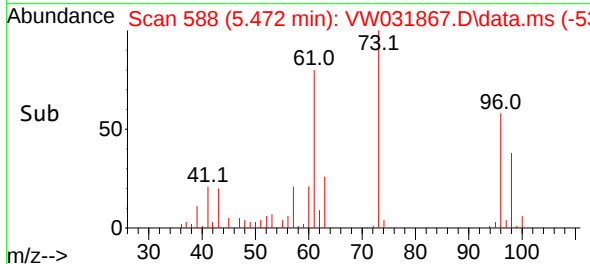
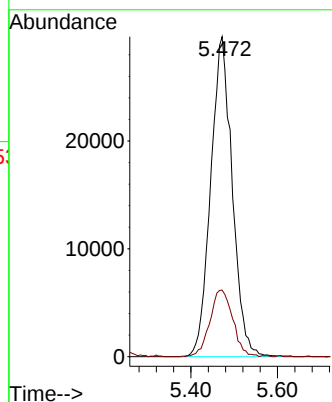
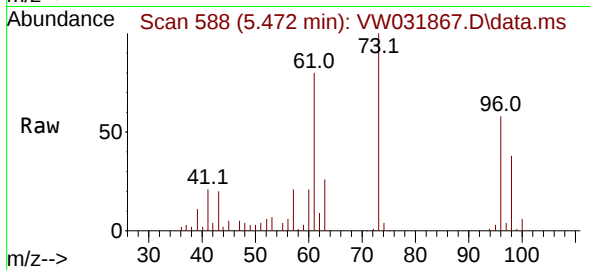




#19
Methyl tert-butyl Ether
Concen: 23.598 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.013 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

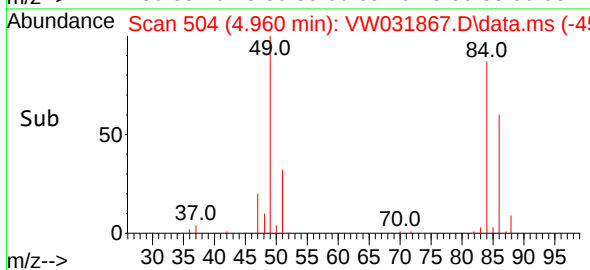
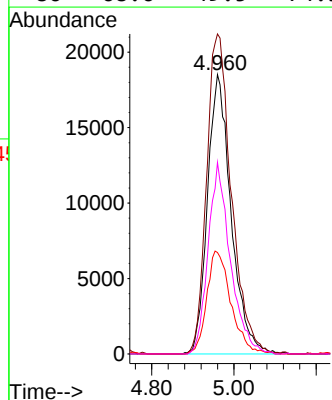
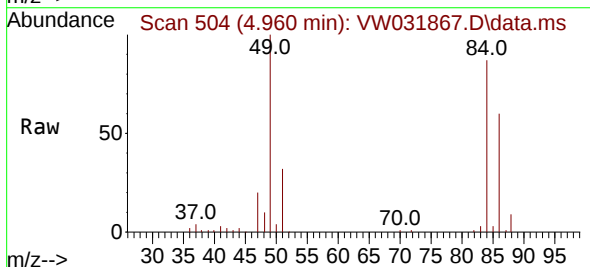
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

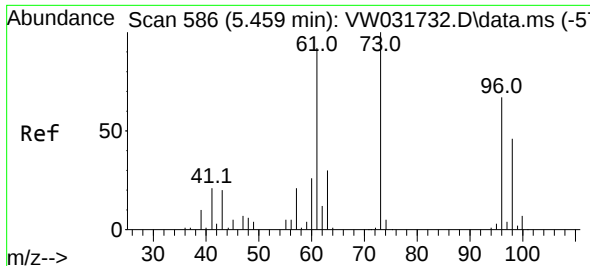
Tgt Ion: 73 Resp: 102575
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8



#20
Methylene Chloride
Concen: 21.521 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 84 Resp: 73985
Ion Ratio Lower Upper
84 100
49 114.6 98.2 147.4
51 36.3 29.8 44.8
86 68.6 49.5 74.3

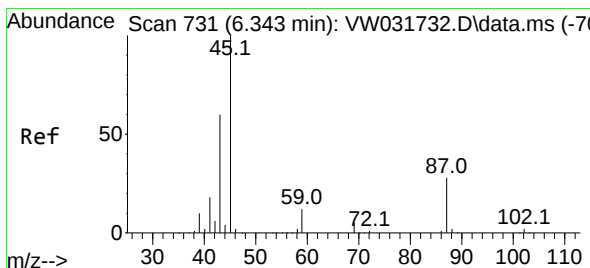
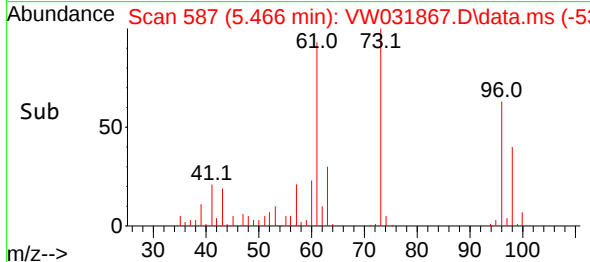
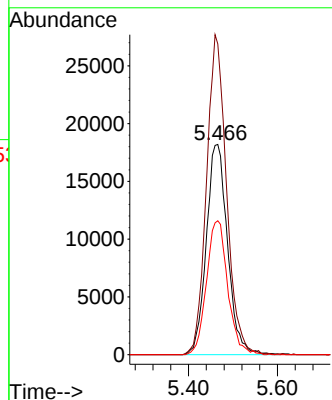
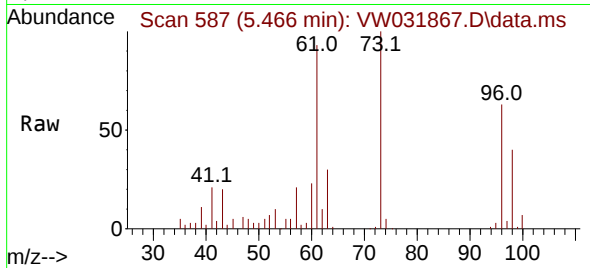




#21
trans-1,2-Dichloroethene
Concen: 22.218 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

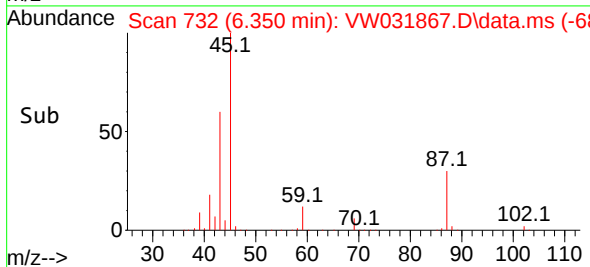
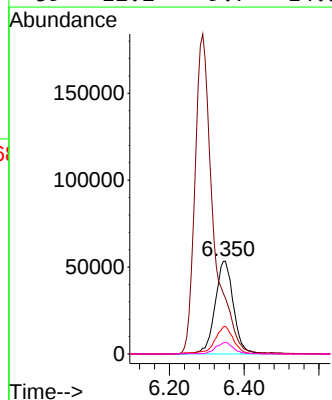
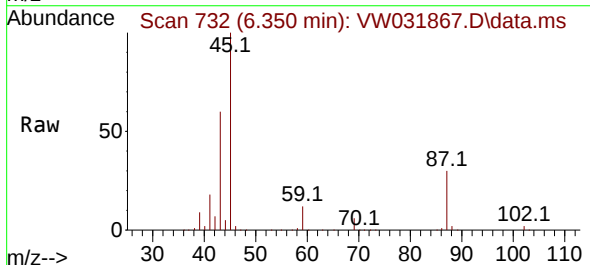
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion: 96 Resp: 60461
Ion Ratio Lower Upper
96 100
61 147.8 109.8 164.6
98 63.7 54.9 82.3



#22
Diisopropyl ether
Concen: 23.747 ug/l
RT: 6.350 min Scan# 732
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 45 Resp: 181987
Ion Ratio Lower Upper
45 100
43 59.5 48.3 72.5
87 29.8 22.6 34.0
59 12.2 9.7 14.5

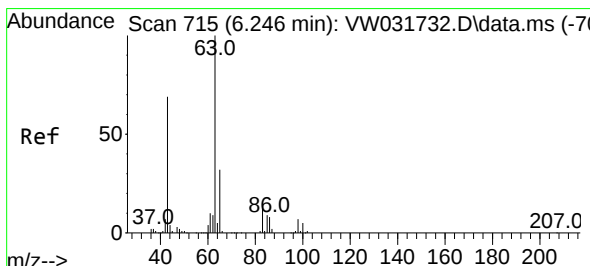
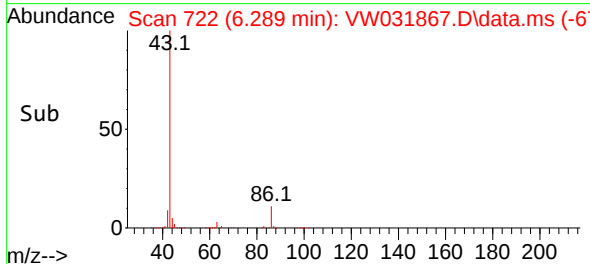
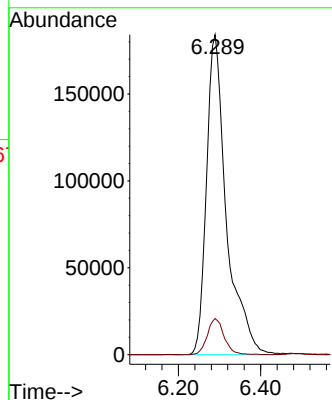
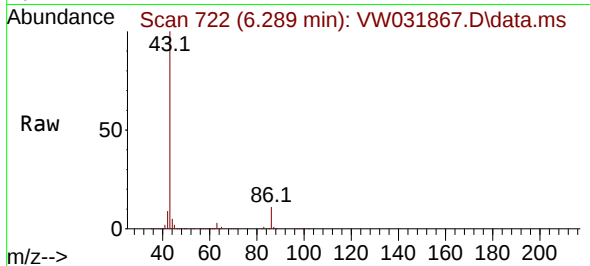




#23
 Vinyl Acetate
 Concen: 118.443 ug/l
 RT: 6.289 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW031867.D
 Acq: 16 Jul 2025 10:44

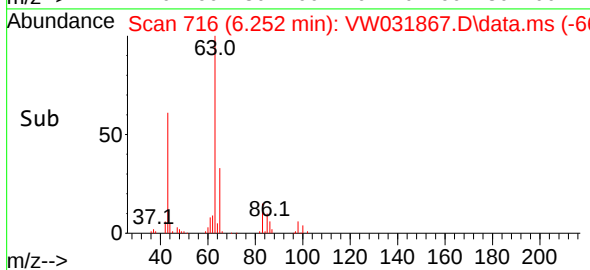
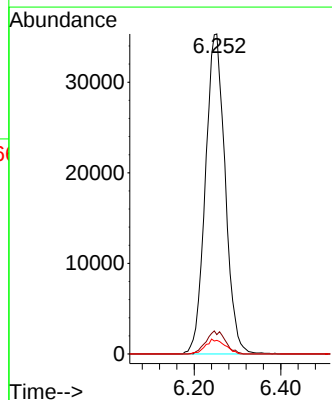
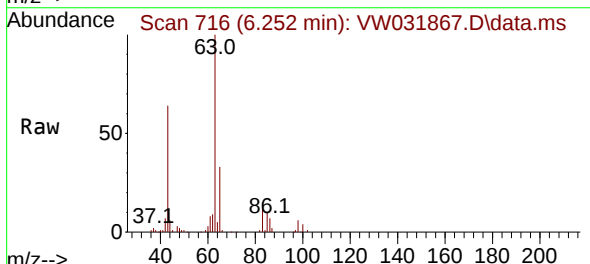
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

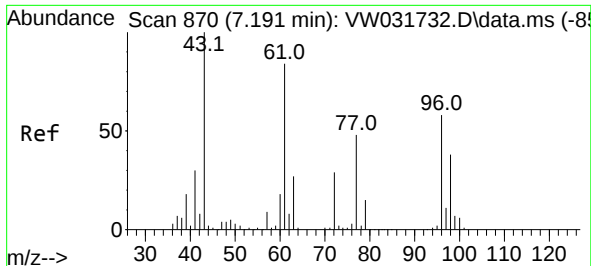
Tgt Ion: 43 Resp: 619991
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 22.464 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW031867.D
 Acq: 16 Jul 2025 10:44

Tgt Ion: 63 Resp: 111612
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 4.3 2.5 7.5

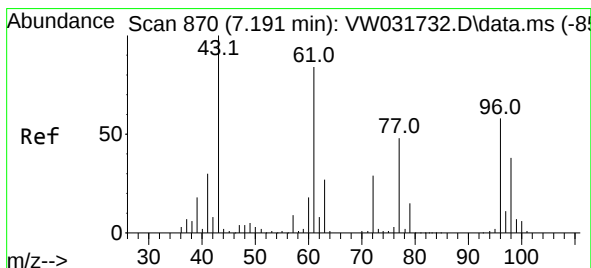
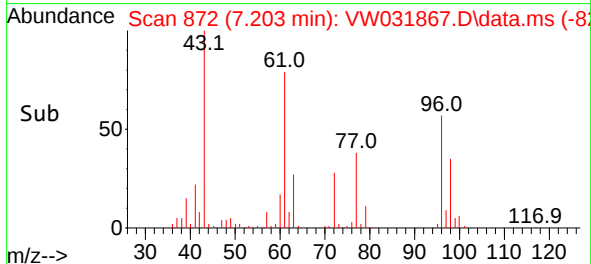
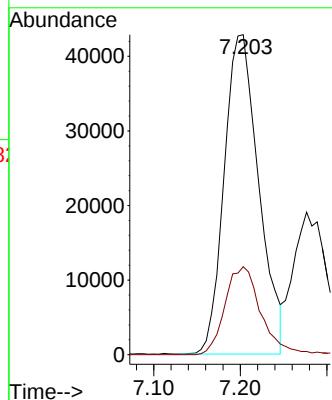
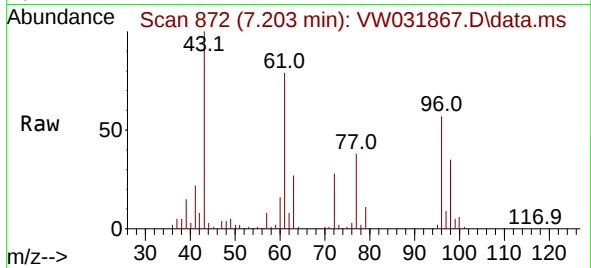




#25
2-Butanone
Concen: 119.812 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.013 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

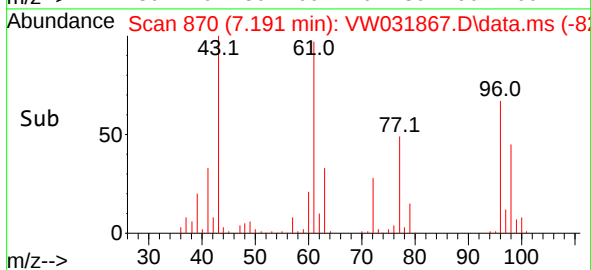
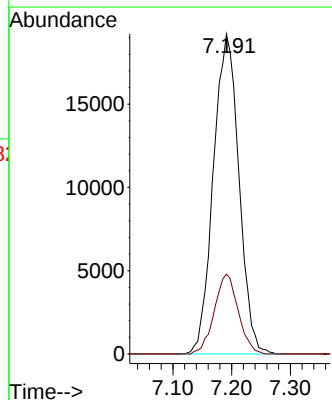
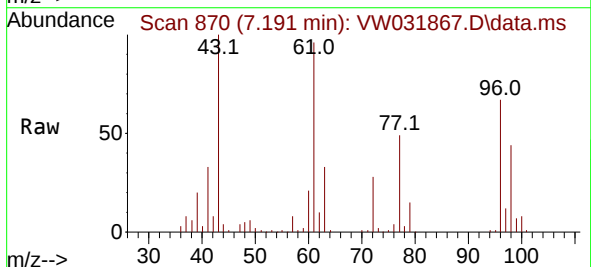
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion: 43 Resp: 118836
Ion Ratio Lower Upper
43 100
72 27.6 23.0 34.6



#26
2,2-Dichloropropane
Concen: 20.029 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 77 Resp: 58060
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 23.192 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

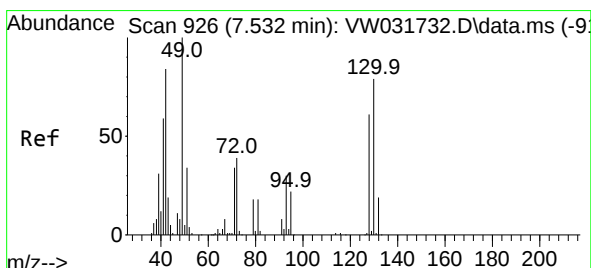
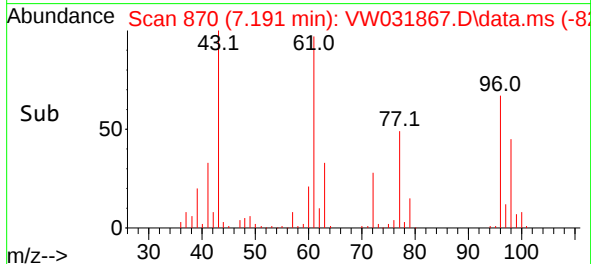
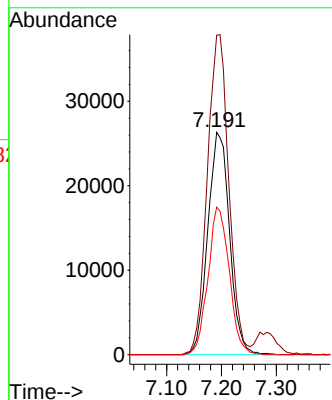
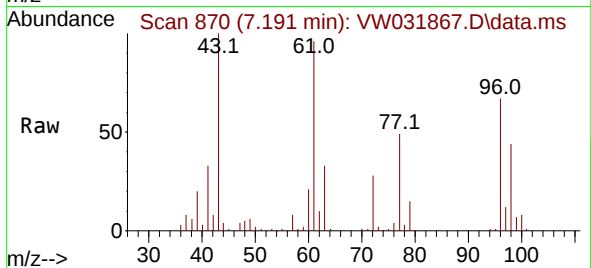
Tgt Ion: 96 Resp: 72545

Ion Ratio Lower Upper

96 100

61 142.2 0.0 286.8

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 22.071 ug/l

RT: 7.539 min Scan# 927

Delta R.T. 0.006 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

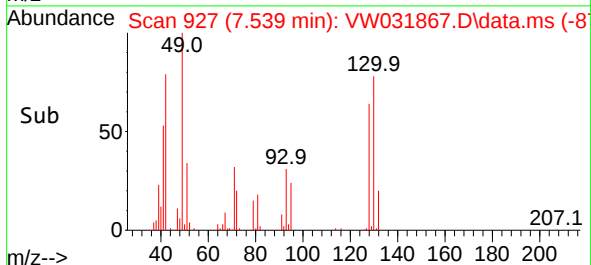
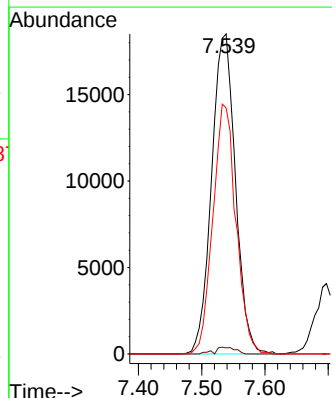
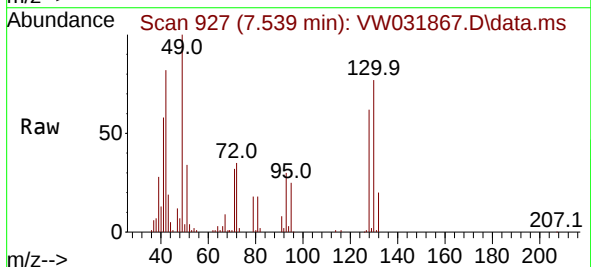
Tgt Ion: 49 Resp: 48391

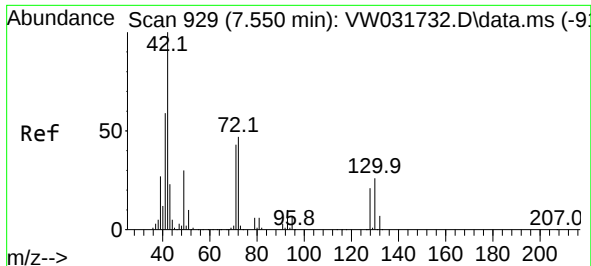
Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.4

130 75.5 61.3 91.9





#29

Tetrahydrofuran

Concen: 117.490 ug/l

RT: 7.563 min Scan# 91

Delta R.T. 0.013 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

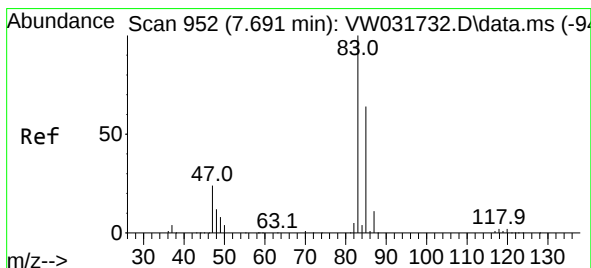
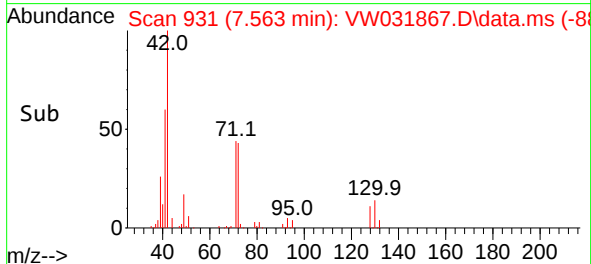
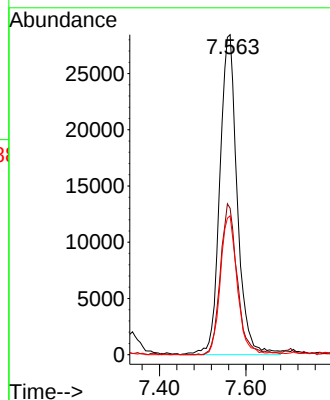
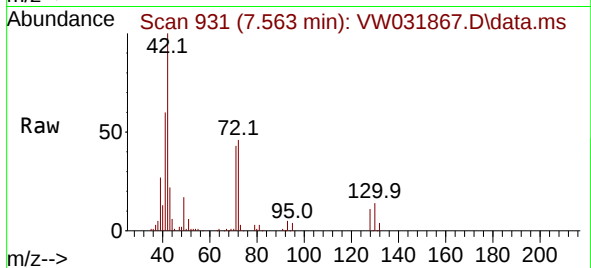
Tgt Ion: 42 Resp: 79805

Ion Ratio Lower Upper

42 100

72 45.9 36.8 55.2

71 42.0 34.6 52.0



#30

Chloroform

Concen: 23.142 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031867.D

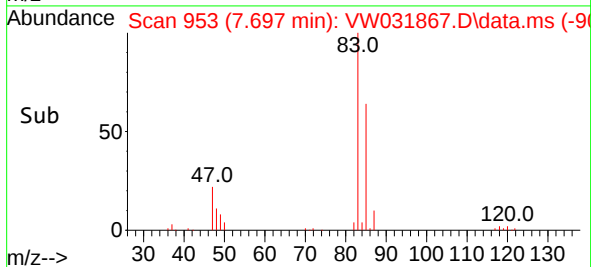
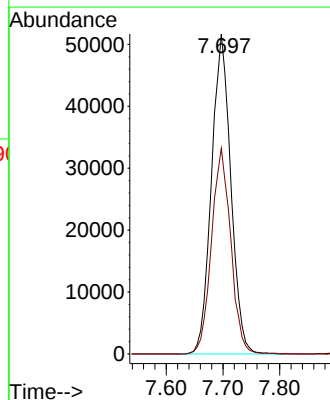
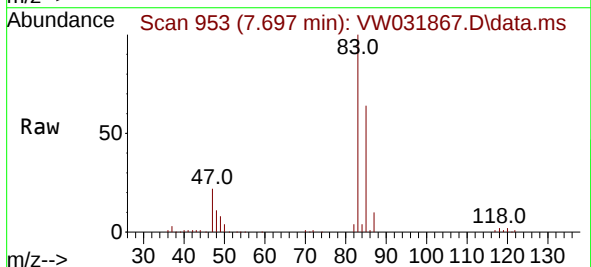
Acq: 16 Jul 2025 10:44

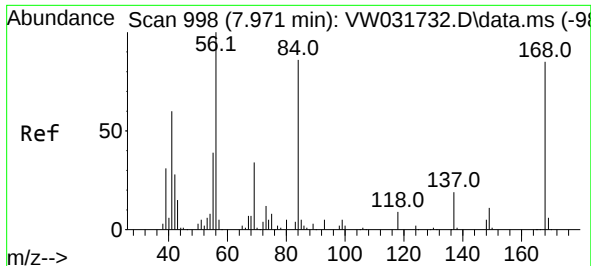
Tgt Ion: 83 Resp: 122179

Ion Ratio Lower Upper

83 100

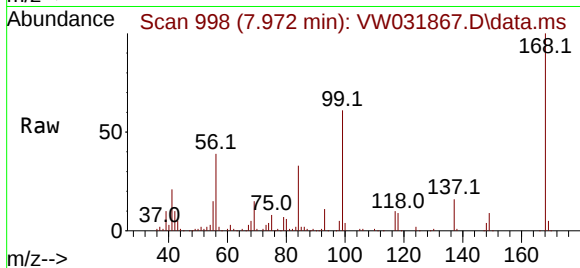
85 64.3 51.4 77.0



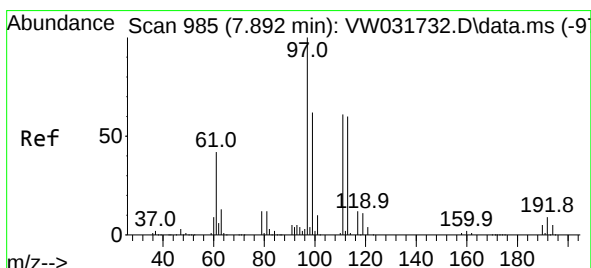
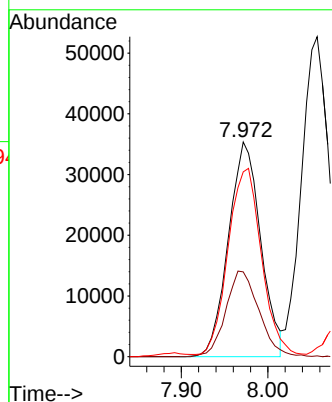
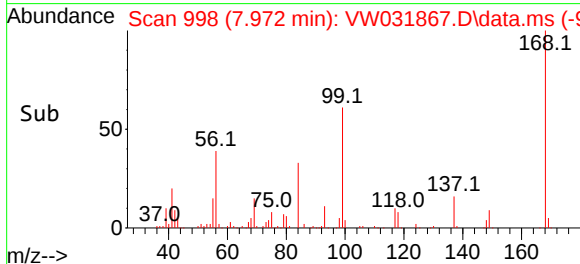


#31
Cyclohexane
Concen: 20.846 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

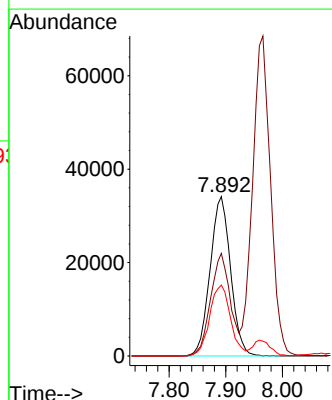
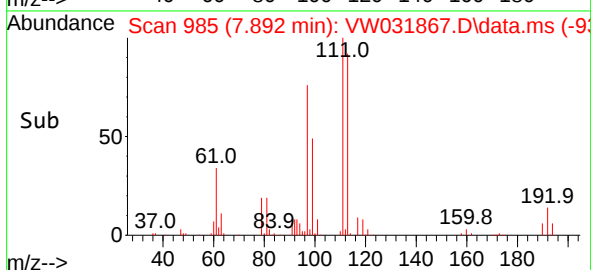
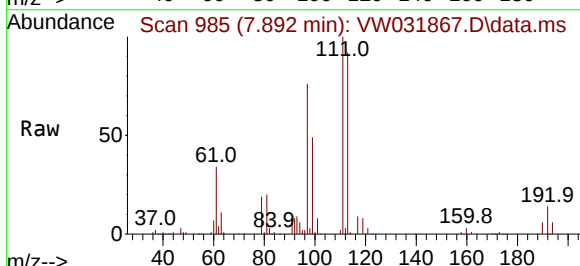


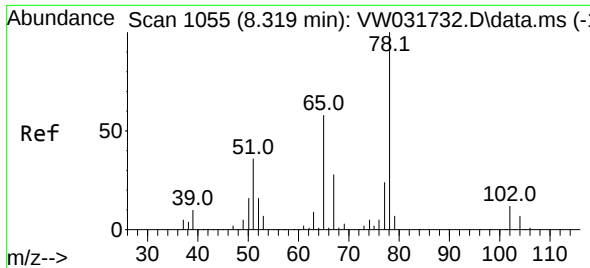
Tgt Ion: 56 Resp: 91555
Ion Ratio Lower Upper
56 100
69 39.5 27.2 40.8
84 84.7 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 21.023 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 97 Resp: 85533
Ion Ratio Lower Upper
97 100
99 62.0 51.0 76.6
61 45.3 36.0 54.0

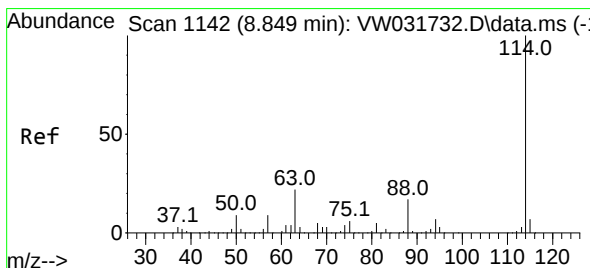
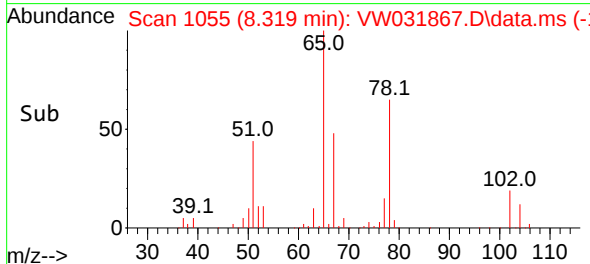
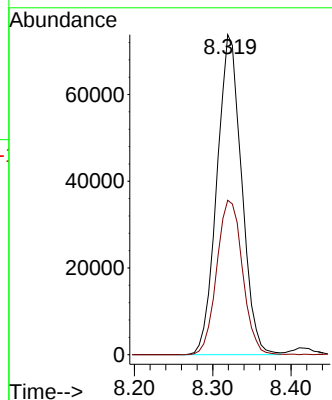
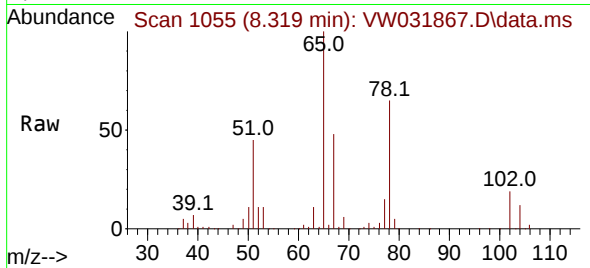




#33
 1,2-Dichloroethane-d4
 Concen: 52.440 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031867.D
 Acq: 16 Jul 2025 10:44

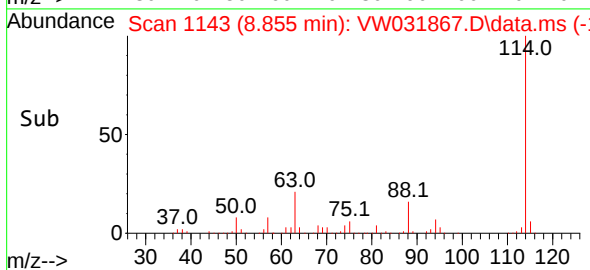
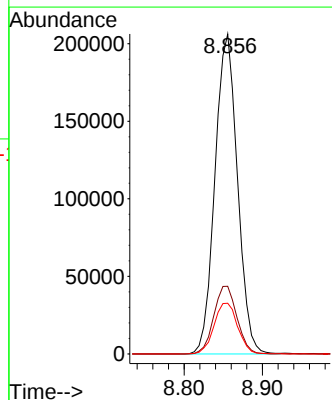
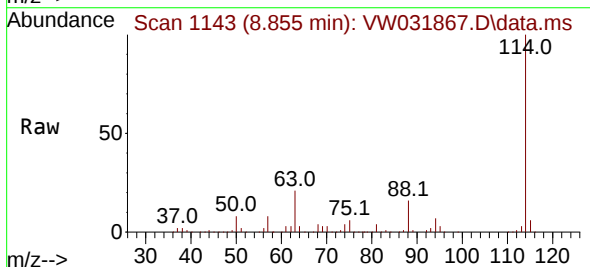
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

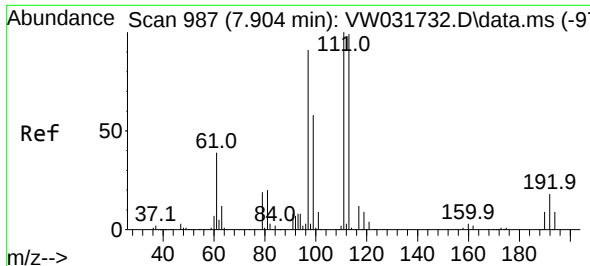
Tgt Ion: 65 Resp: 161751
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031867.D
 Acq: 16 Jul 2025 10:44

Tgt Ion: 114 Resp: 411558
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.6
 88 15.9 0.0 34.2



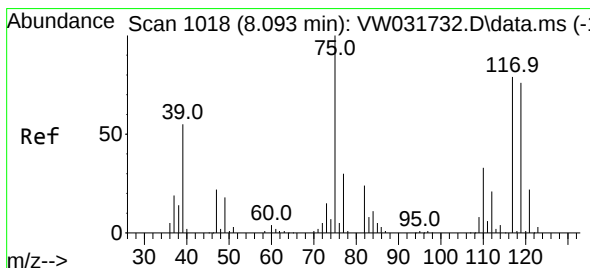
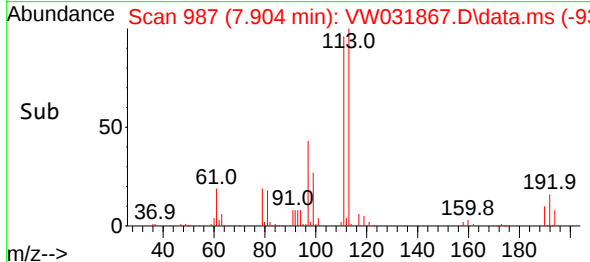
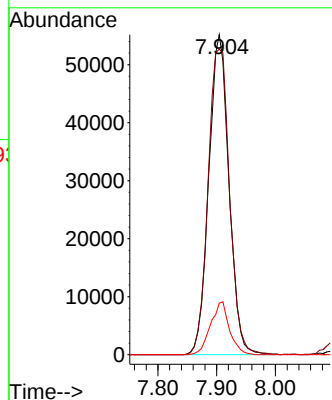
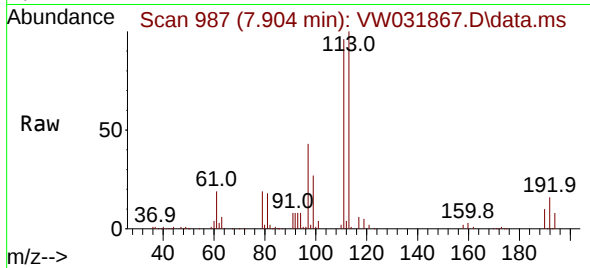


#35
 Dibromofluoromethane
 Concen: 49.032 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031867.D
 Acq: 16 Jul 2025 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

Tgt Ion:113 Resp: 131680

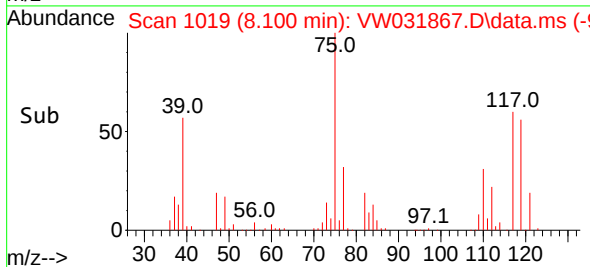
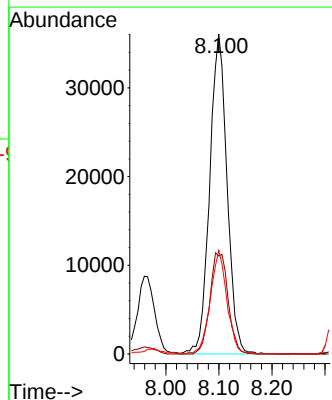
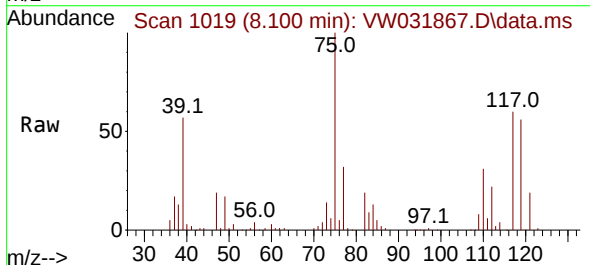
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.1	123.1
192	15.5	13.8	20.6

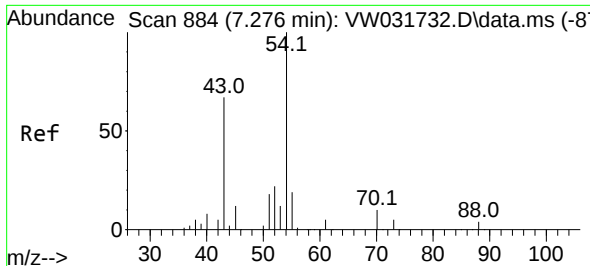


#36
 1,1-Dichloropropene
 Concen: 21.123 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031867.D
 Acq: 16 Jul 2025 10:44

Tgt Ion: 75 Resp: 82087

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.8	50.4
77	31.0	25.0	37.6





#37

Ethyl Acetate

Concen: 21.773 ug/l

RT: 7.277 min Scan# 884

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

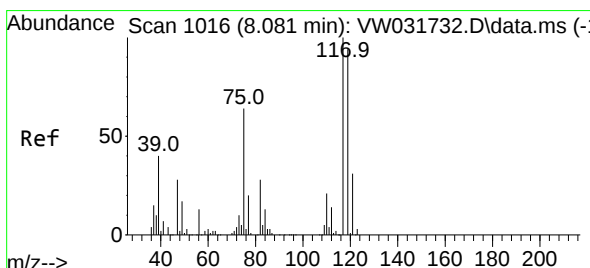
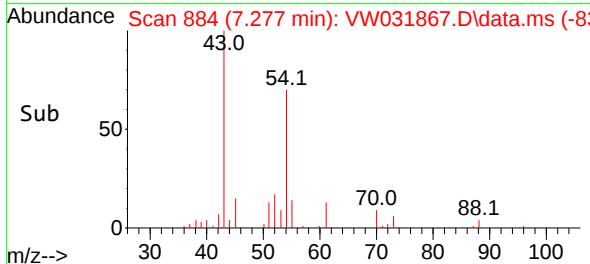
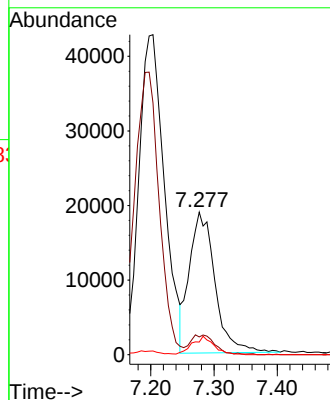
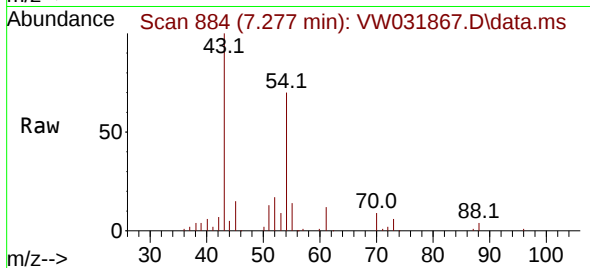
Tgt Ion: 43 Resp: 53377

Ion Ratio Lower Upper

43 100

61 13.4 10.9 16.3

70 10.9 9.2 13.8



#38

Carbon Tetrachloride

Concen: 19.449 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

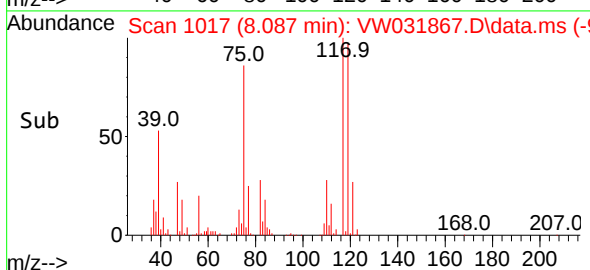
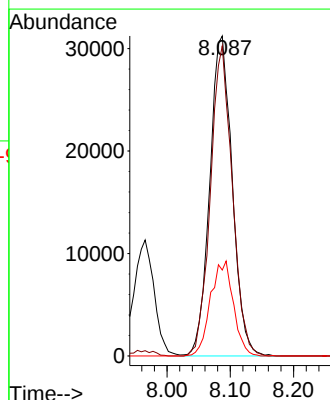
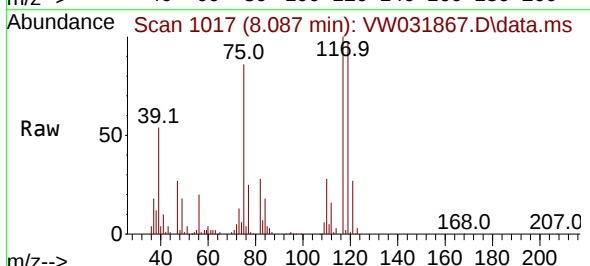
Tgt Ion: 117 Resp: 77021

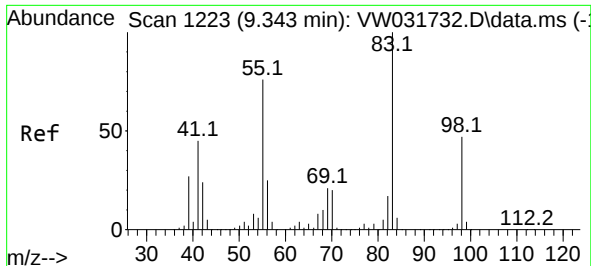
Ion Ratio Lower Upper

117 100

119 96.9 75.0 112.6

121 26.8 24.6 37.0





#39

Methylcyclohexane

Concen: 19.876 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

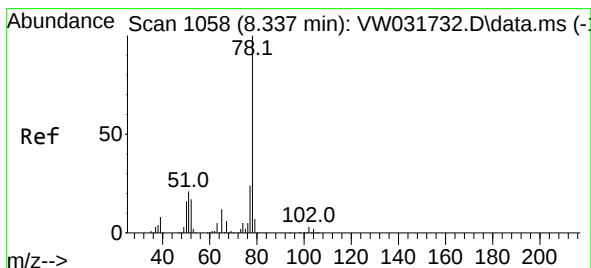
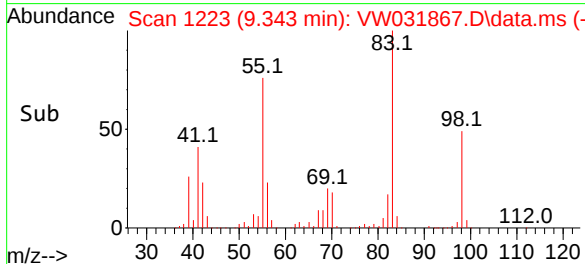
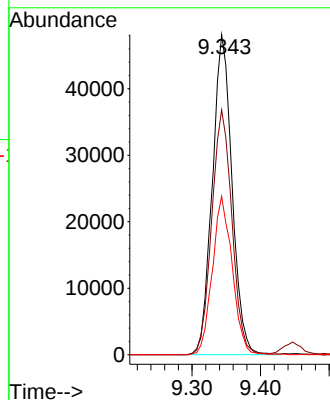
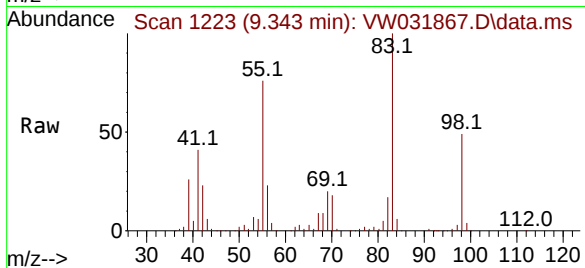
Tgt Ion: 83 Resp: 96102

Ion Ratio Lower Upper

83 100

55 76.5 61.0 91.4

98 49.5 37.9 56.9



#40

Benzene

Concen: 22.461 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031867.D

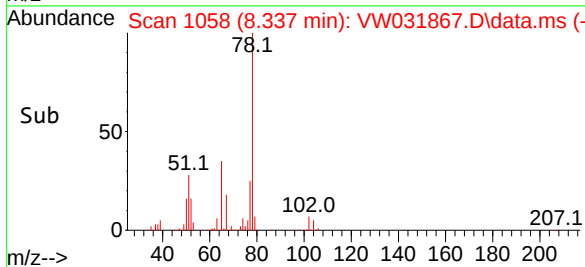
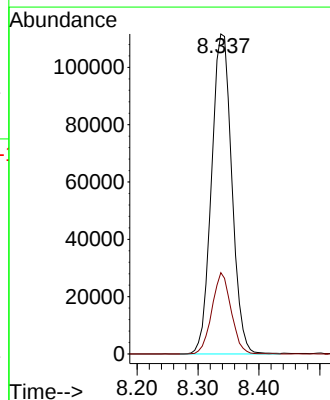
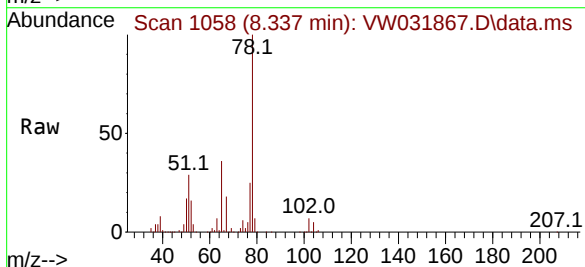
Acq: 16 Jul 2025 10:44

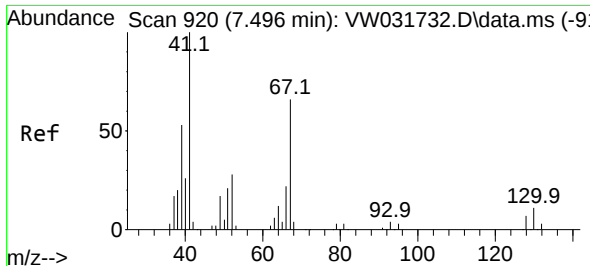
Tgt Ion: 78 Resp: 258254

Ion Ratio Lower Upper

78 100

77 25.4 19.2 28.8

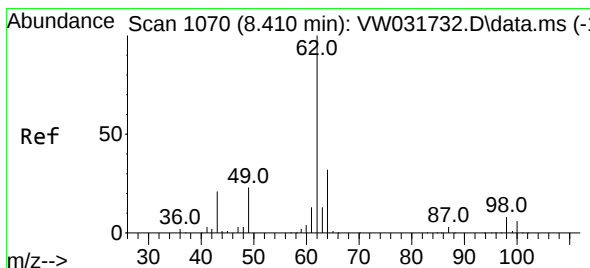
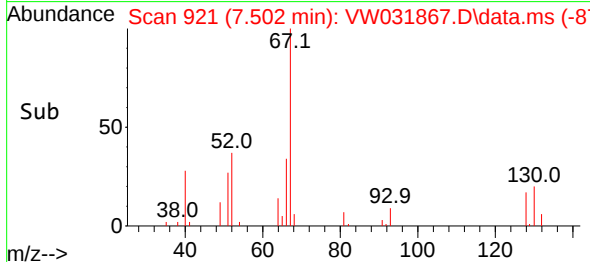
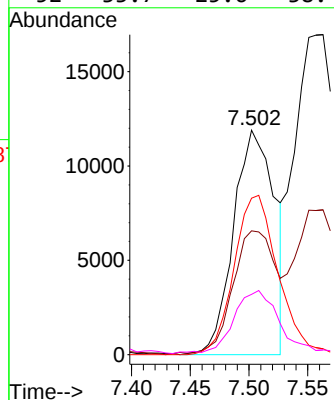
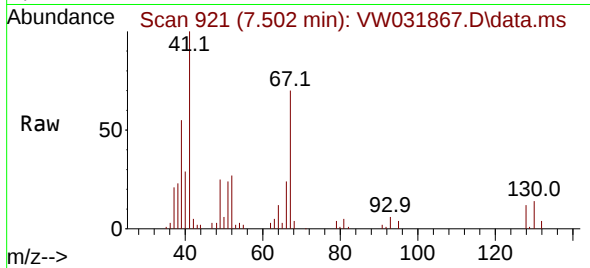




#41
Methacrylonitrile
Concen: 22.003 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

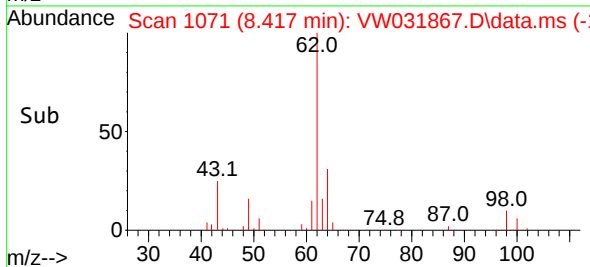
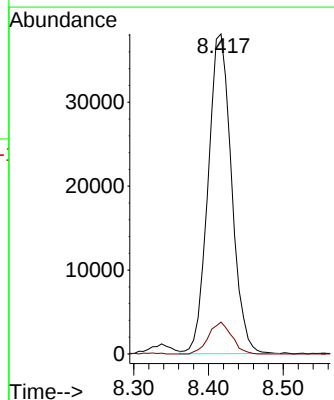
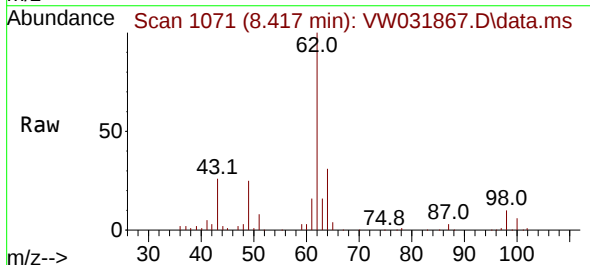
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

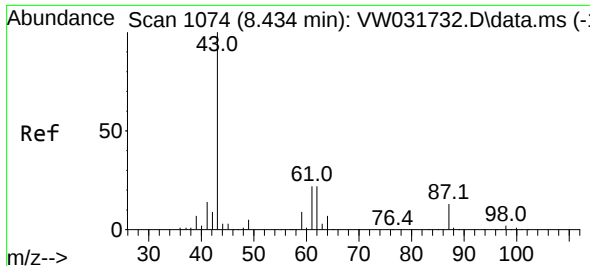
Tgt Ion:	41	Resp:	28895
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.2	64.8
67	76.8	58.1	87.1
52	33.7	25.6	38.4



#42
1,2-Dichloroethane
Concen: 21.388 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion:	62	Resp:	83093
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.2

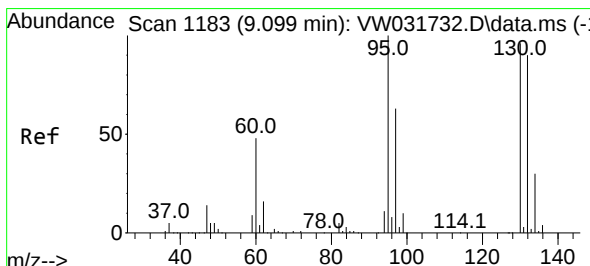
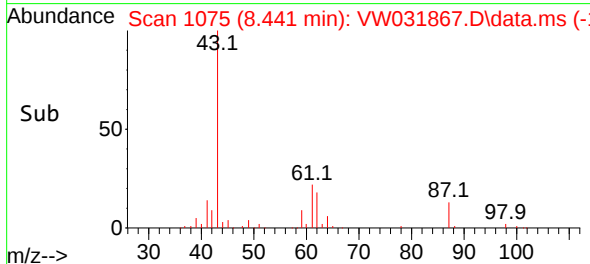
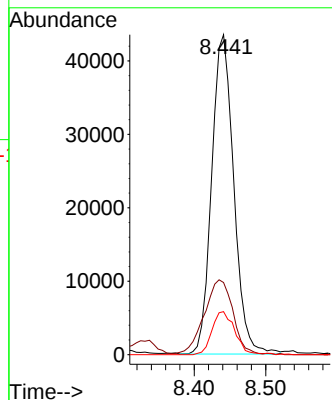
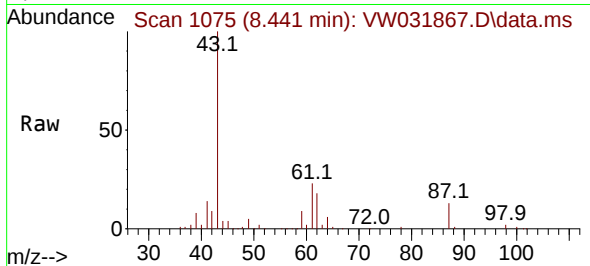




#43
Isopropyl Acetate
Concen: 22.071 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

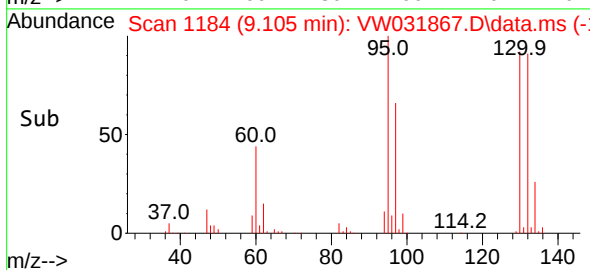
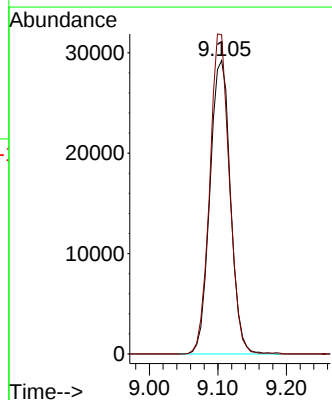
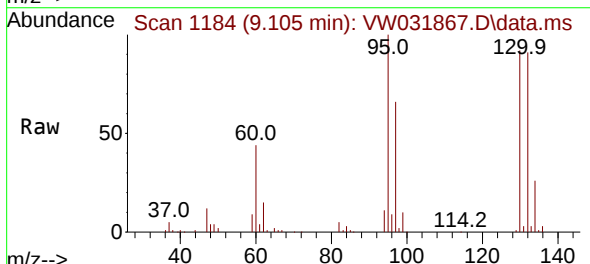
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

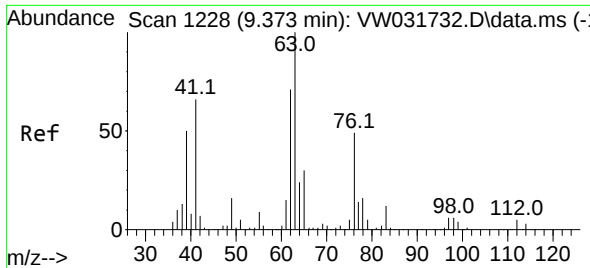
Tgt Ion: 43 Resp: 93269
Ion Ratio Lower Upper
43 100
61 30.8 23.1 34.7
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 21.159 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 130 Resp: 60719
Ion Ratio Lower Upper
130 100
95 108.8 0.0 208.6

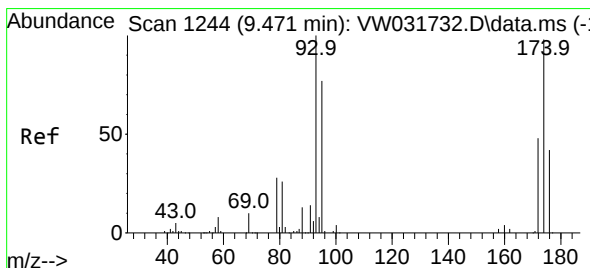
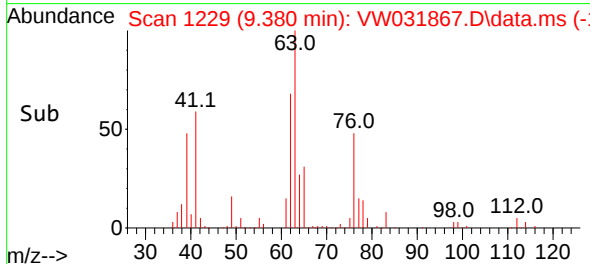
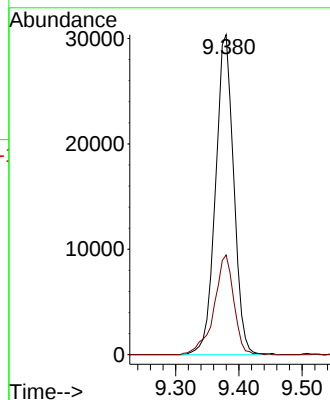
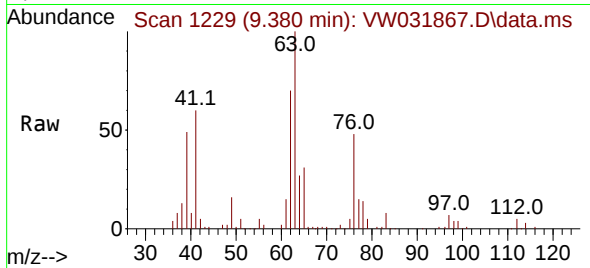




#45
1,2-Dichloropropane
Concen: 21.789 ug/l
RT: 9.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

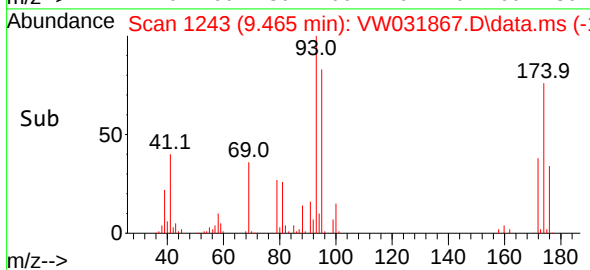
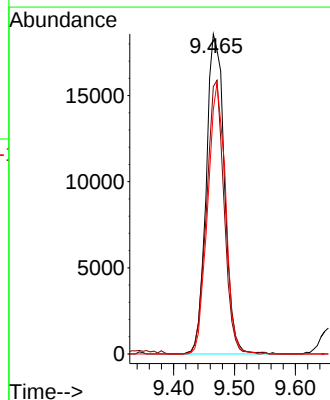
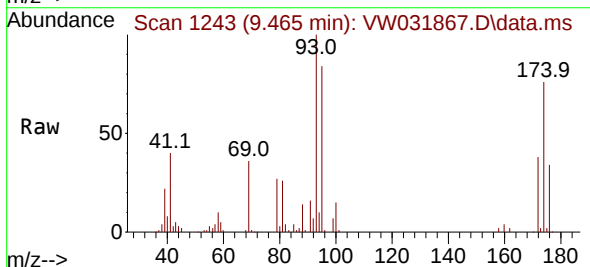
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

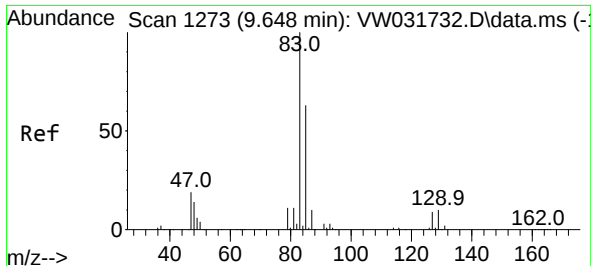
Tgt Ion: 63 Resp: 60548
Ion Ratio Lower Upper
63 100
65 31.2 24.2 36.4



#46
Dibromomethane
Concen: 21.500 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 93 Resp: 38571
Ion Ratio Lower Upper
93 100
95 82.5 67.0 100.4
174 82.9 71.7 107.5

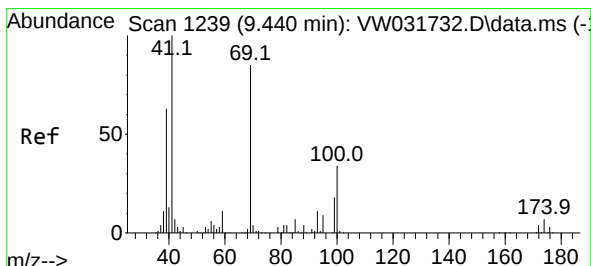
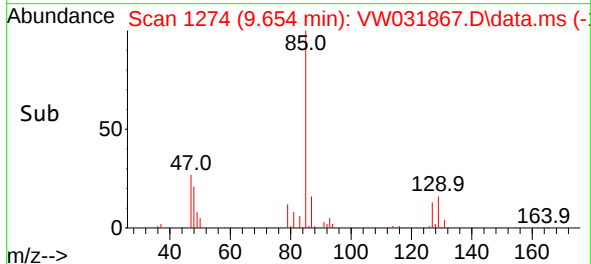
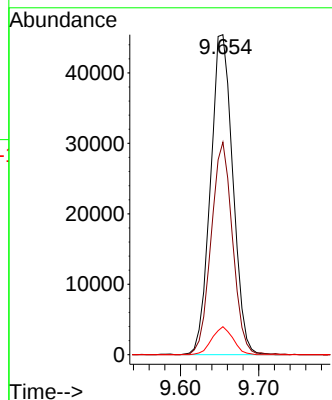
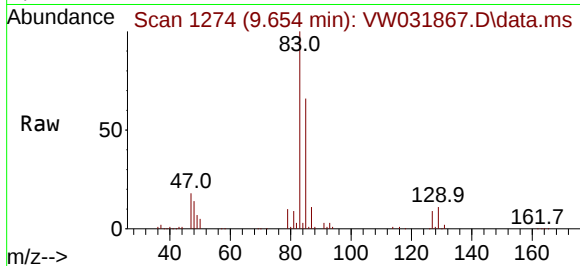




#47
Bromodichloromethane
Concen: 21.393 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

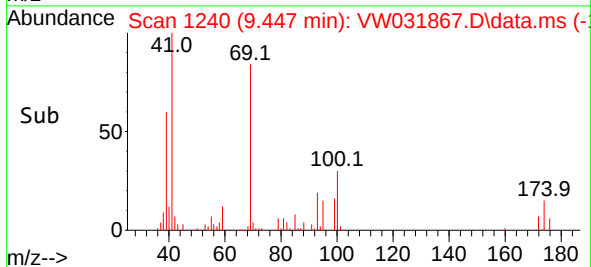
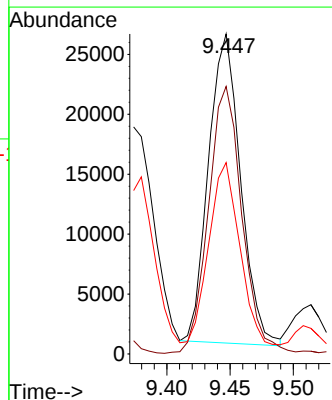
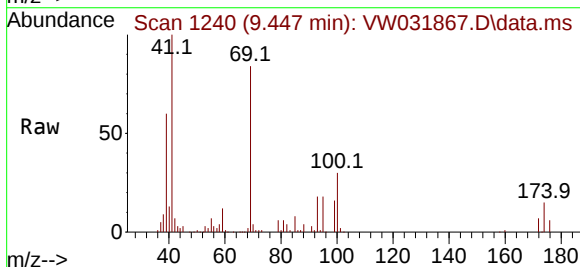
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

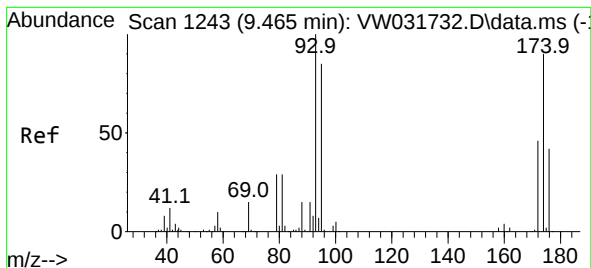
Tgt Ion: 83 Resp: 89999
Ion Ratio Lower Upper
83 100
85 66.4 50.8 76.2
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 21.905 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 41 Resp: 45515
Ion Ratio Lower Upper
41 100
69 90.5 71.6 107.4
39 63.4 49.5 74.3





#49

1,4-Dioxane

Concen: 436.992 ug/l

RT: 9.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

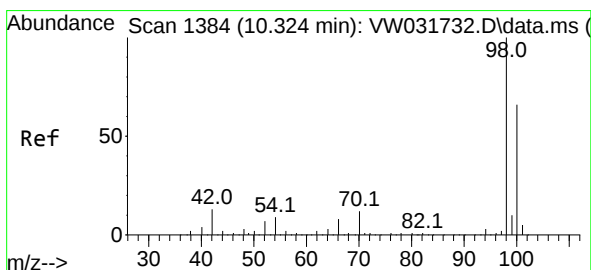
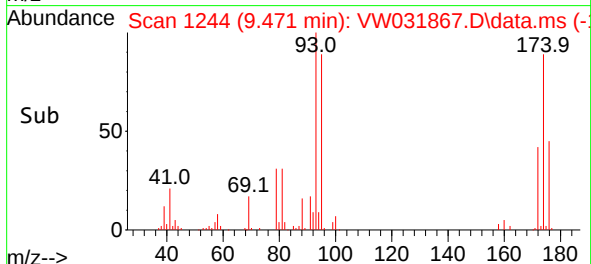
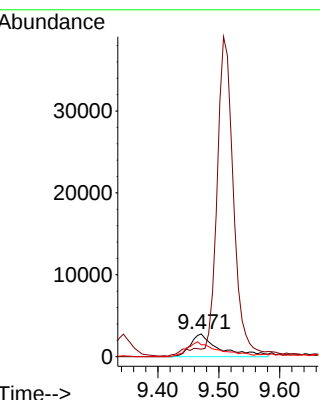
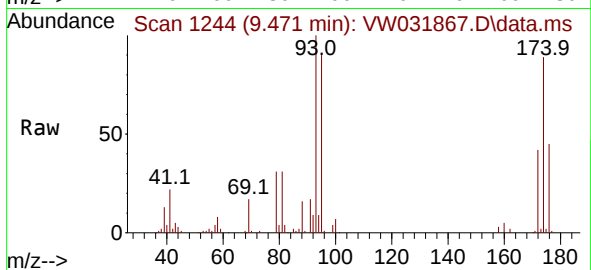
Tgt Ion: 88 Resp: 9182

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.0 58.3 87.5



#50

Toluene-d8

Concen: 49.512 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW031867.D

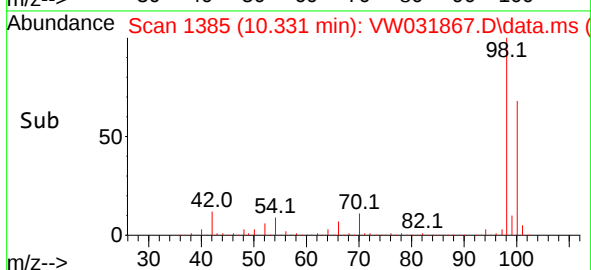
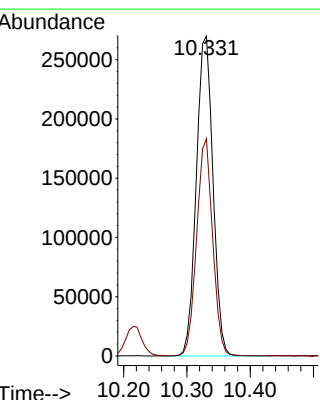
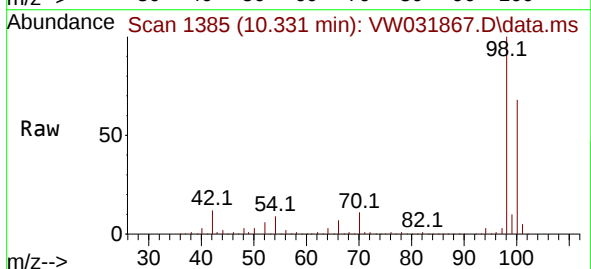
Acq: 16 Jul 2025 10:44

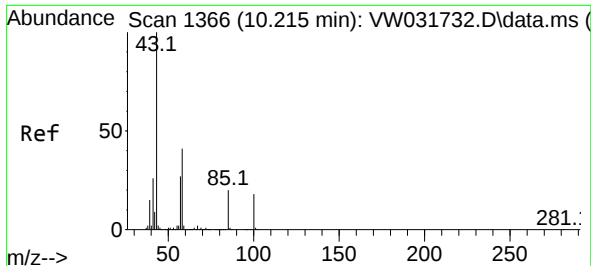
Tgt Ion: 98 Resp: 494833

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4

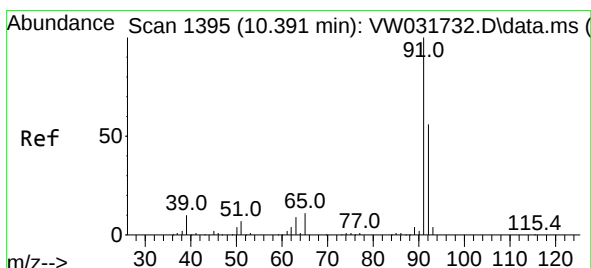
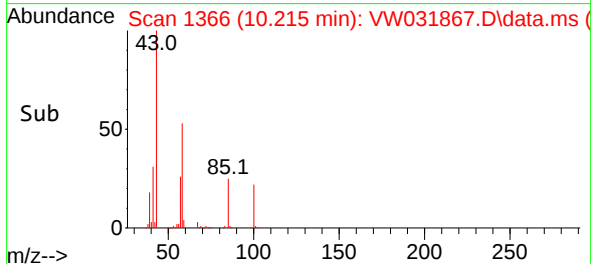
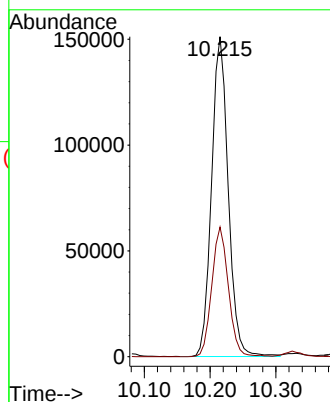
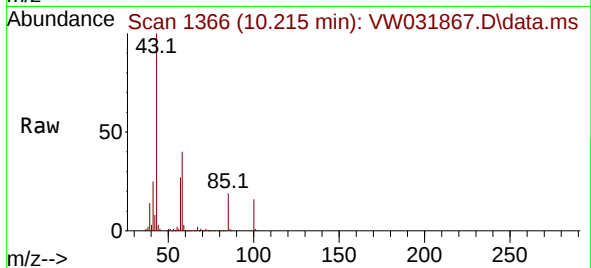




#51
4-Methyl-2-Pentanone
Concen: 109.858 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

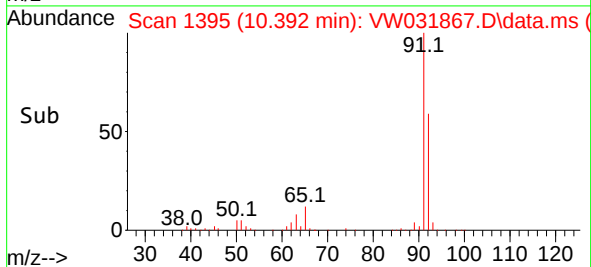
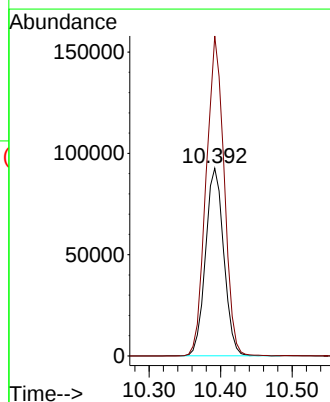
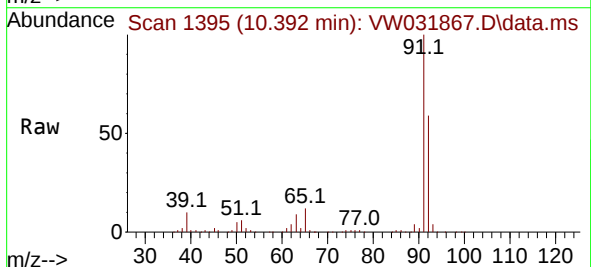
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

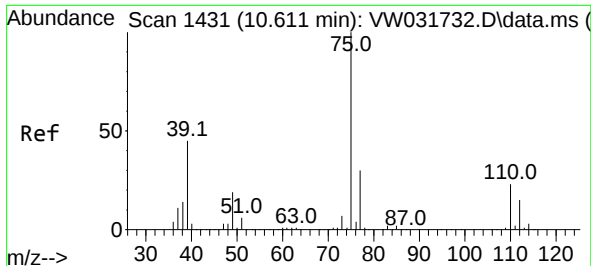
Tgt Ion: 43 Resp: 266896
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.2



#52
Toluene
Concen: 22.244 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 92 Resp: 163752
Ion Ratio Lower Upper
92 100
91 168.6 139.5 209.3

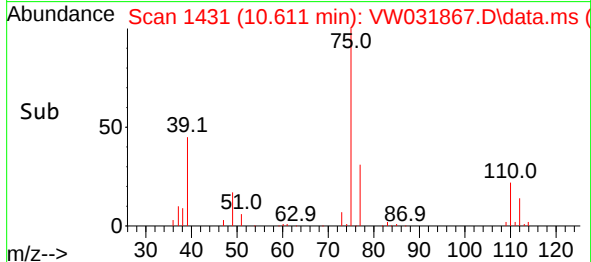
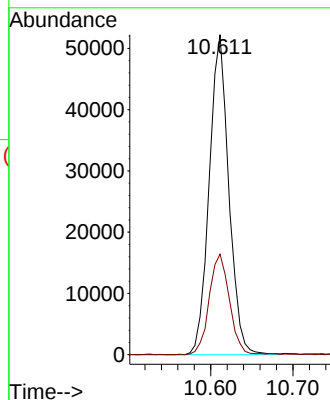
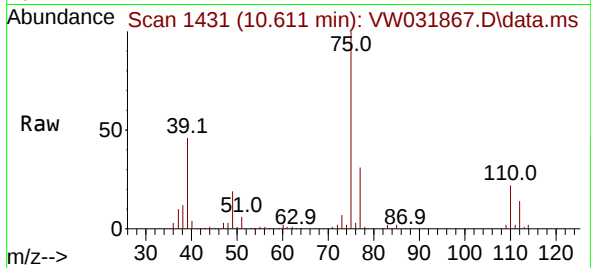




#53
t-1,3-Dichloropropene
Concen: 21.907 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

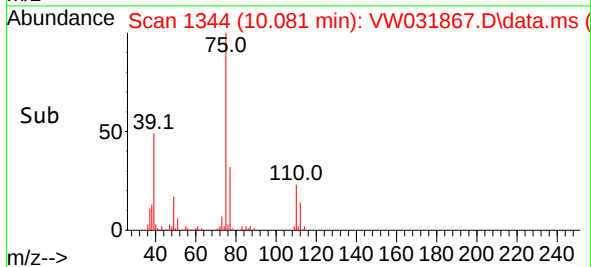
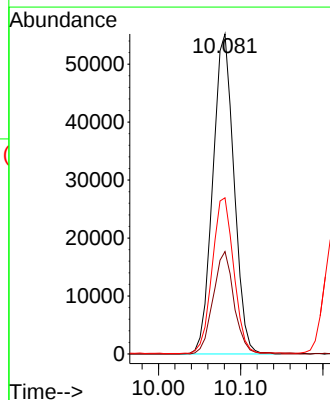
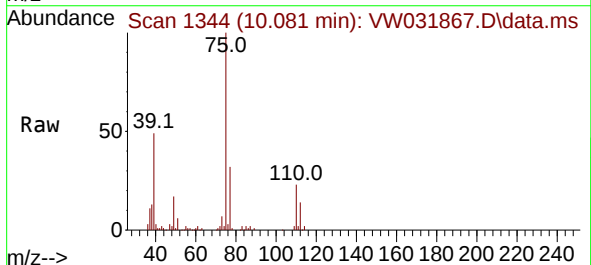
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

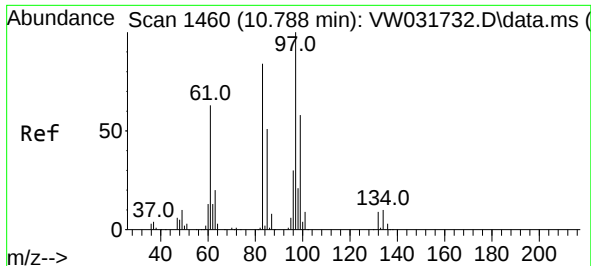
Tgt Ion: 75 Resp: 86472
Ion Ratio Lower Upper
75 100
77 31.3 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 22.107 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 75 Resp: 98921
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
39 48.7 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 21.424 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

Tgt Ion: 97 Resp: 50347

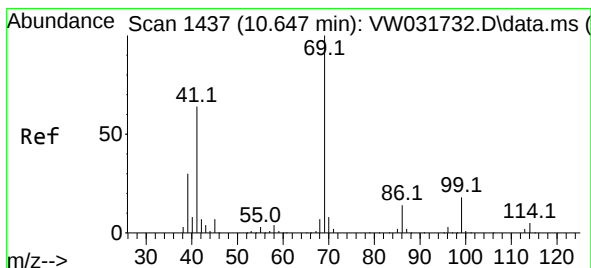
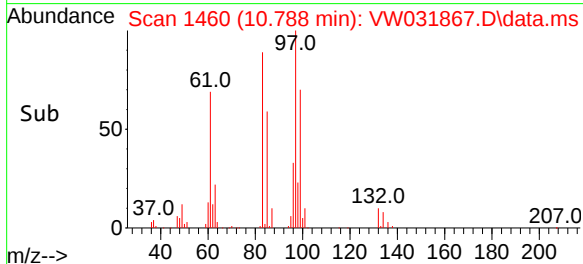
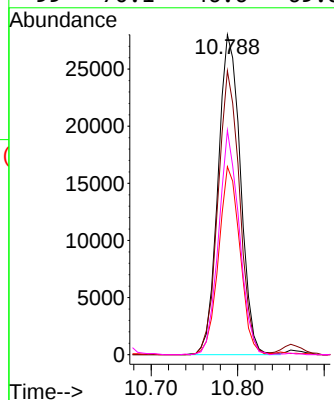
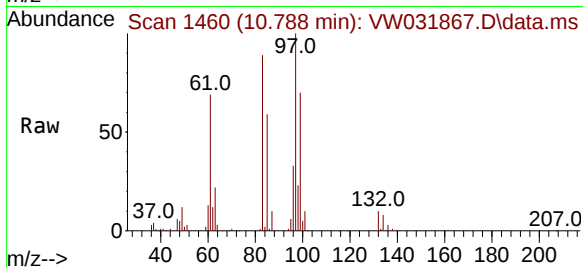
Ion Ratio Lower Upper

97 100

83 88.7 66.9 100.3

85 58.7 41.1 61.7

99 70.1 46.6 69.8#



#56

Ethyl methacrylate

Concen: 23.086 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

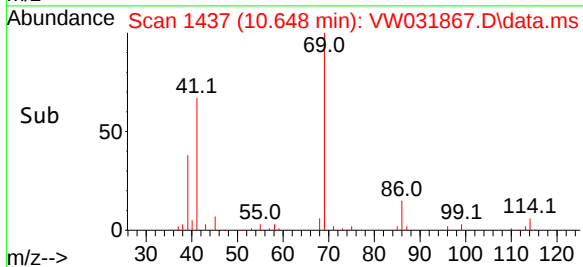
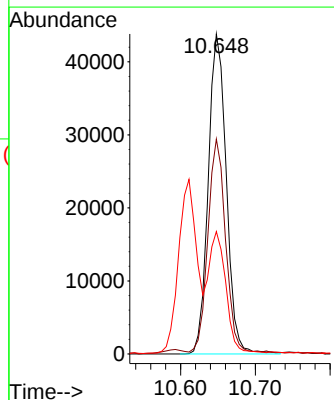
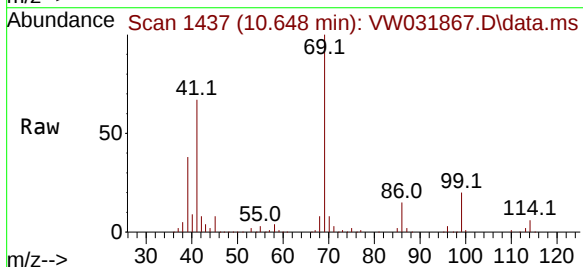
Tgt Ion: 69 Resp: 73603

Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 36.3 30.2 45.2





#57

1,3-Dichloropropane

Concen: 21.767 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

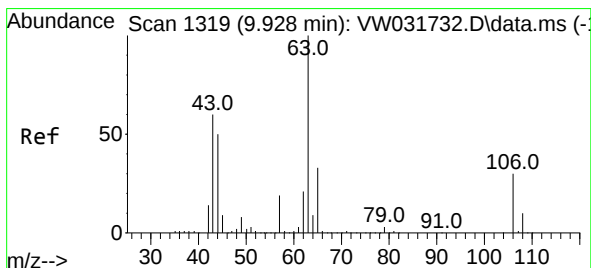
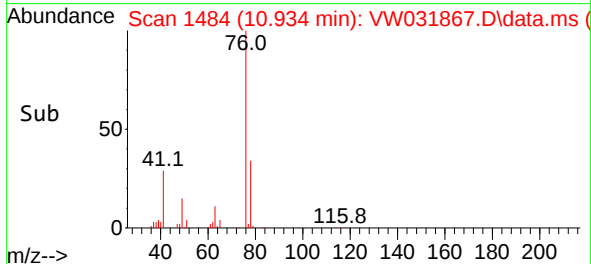
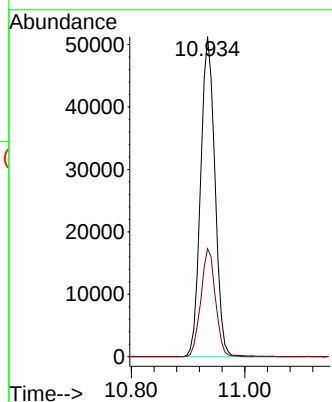
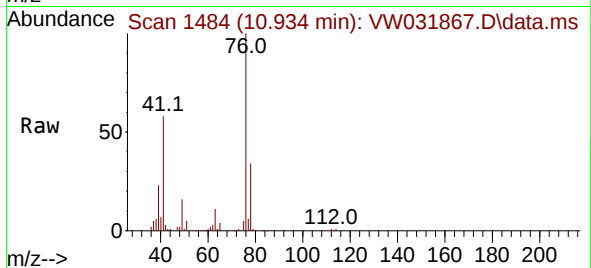
VW0716SBS01

Tgt Ion: 76 Resp: 89808

Ion Ratio Lower Upper

76 100

78 34.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.133 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031867.D

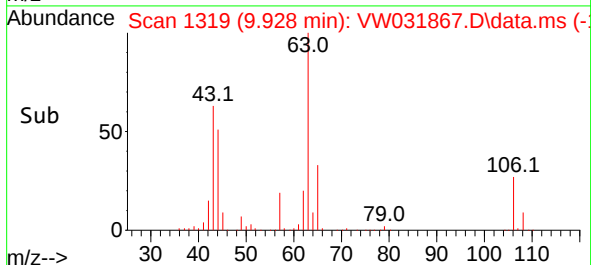
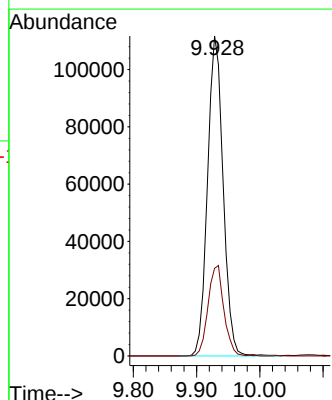
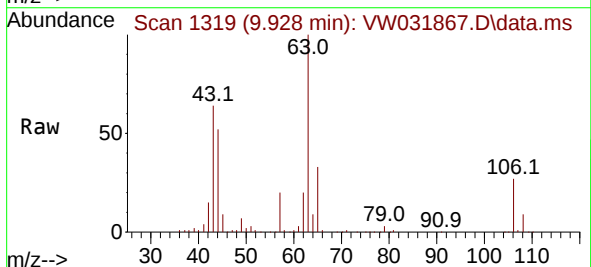
Acq: 16 Jul 2025 10:44

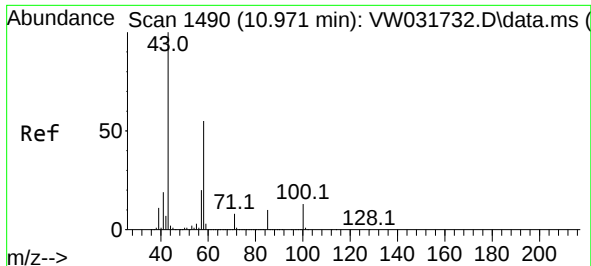
Tgt Ion: 63 Resp: 191592

Ion Ratio Lower Upper

63 100

106 28.7 24.1 36.1

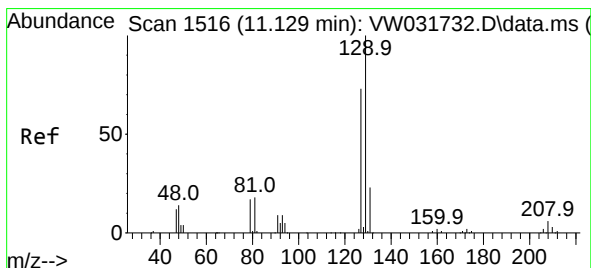
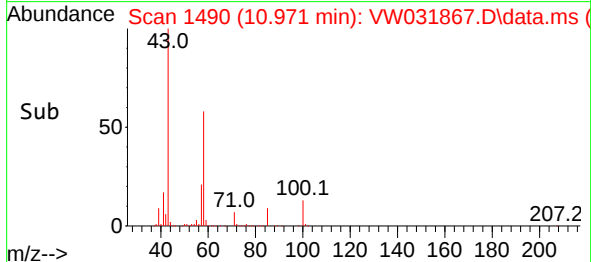
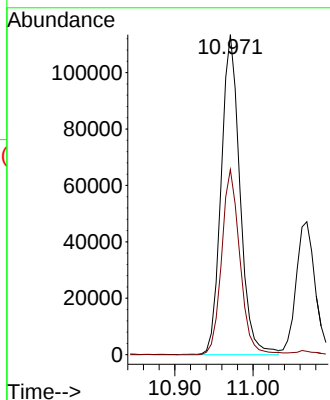
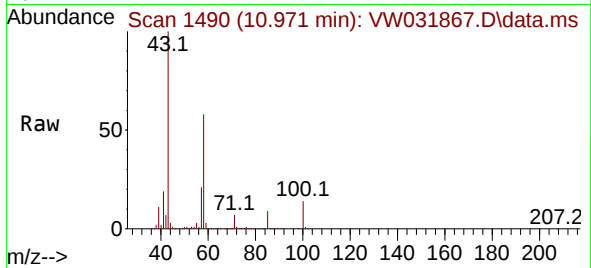




#59
2-Hexanone
Concen: 114.955 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

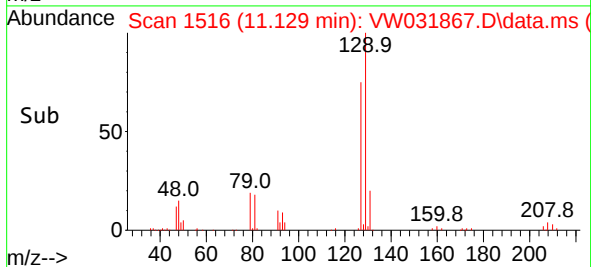
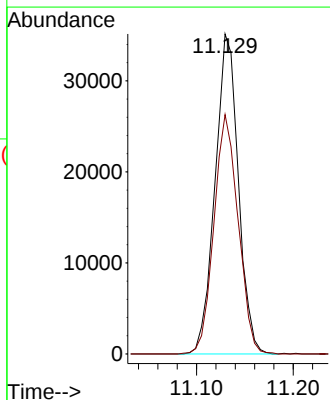
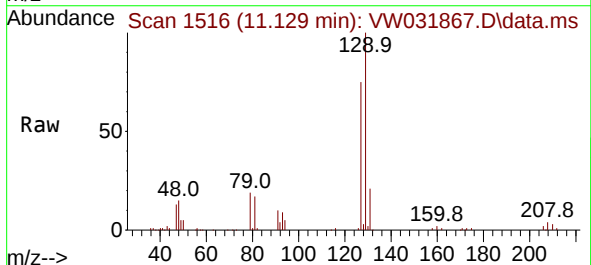
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

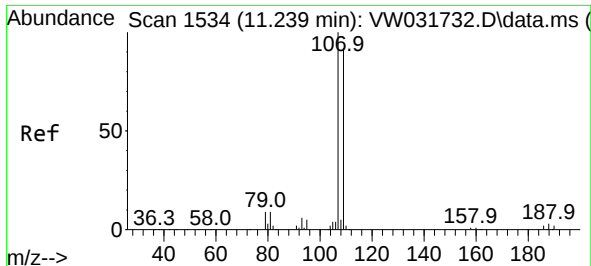
Tgt Ion: 43 Resp: 189252
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.6



#60
Dibromochloromethane
Concen: 20.870 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion:129 Resp: 58650
Ion Ratio Lower Upper
129 100
127 77.8 38.0 114.1

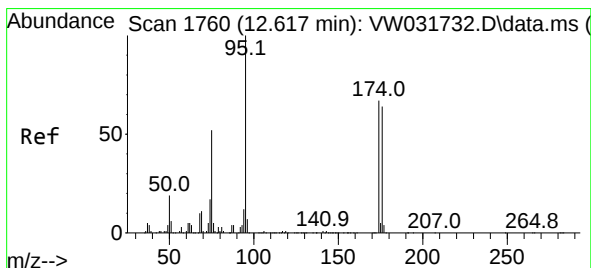
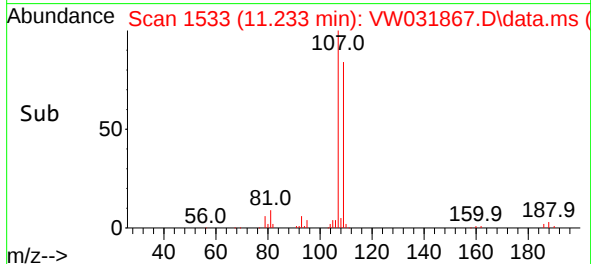
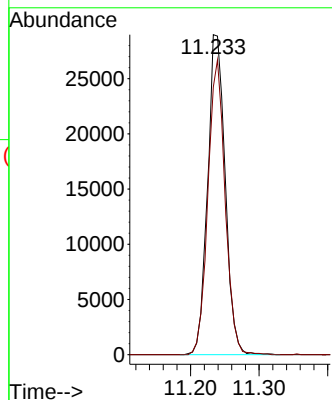
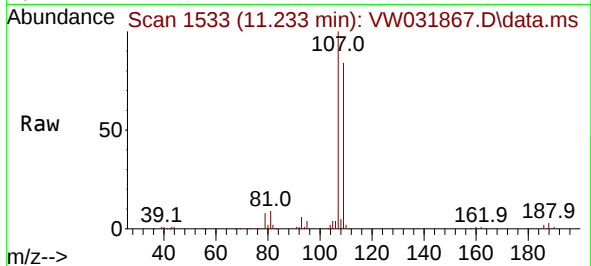




#61
1,2-Dibromoethane
Concen: 22.012 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

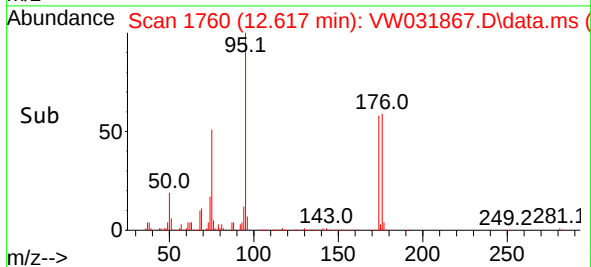
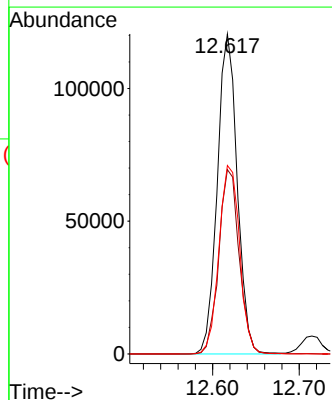
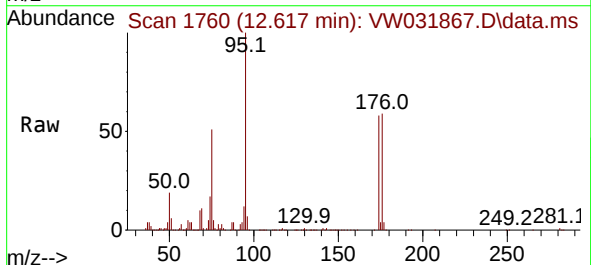
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

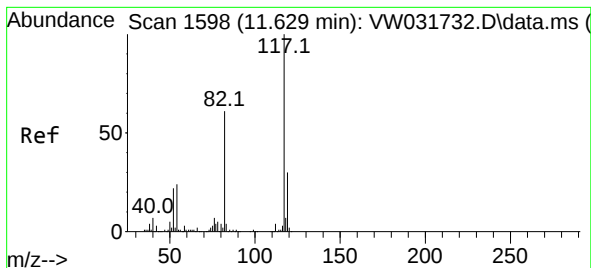
Tgt Ion:107 Resp: 51786
Ion Ratio Lower Upper
107 100
109 90.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.366 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 95 Resp: 192597
Ion Ratio Lower Upper
95 100
174 58.9 0.0 133.8
176 61.3 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 117

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

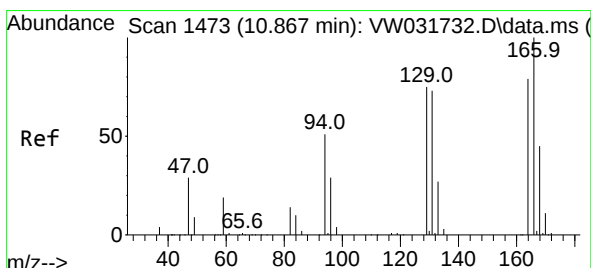
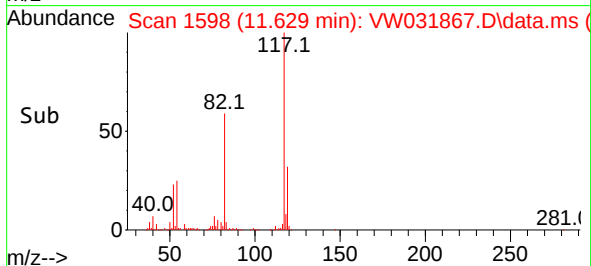
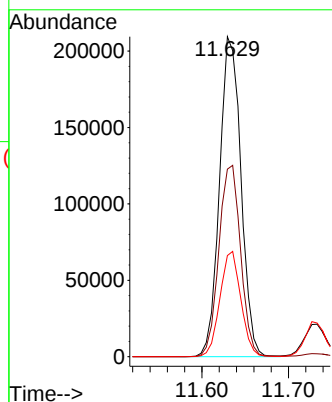
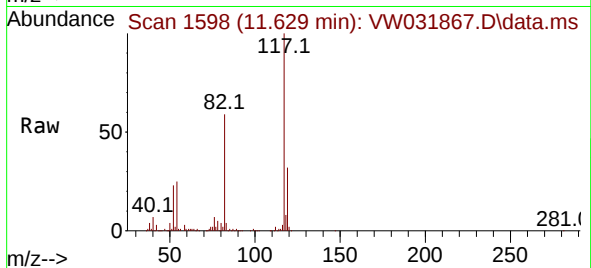
Tgt Ion:117 Resp: 360281

Ion Ratio Lower Upper

117 100

82 58.6 48.6 72.8

119 31.6 23.9 35.9



#64

Tetrachloroethene

Concen: 19.615 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Tgt Ion:164 Resp: 46227

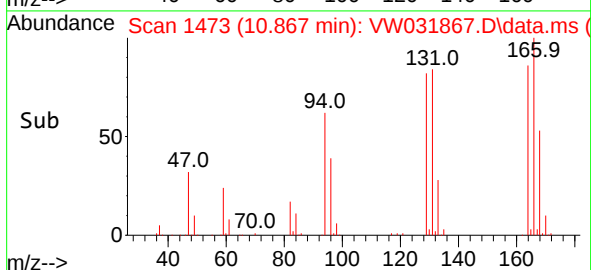
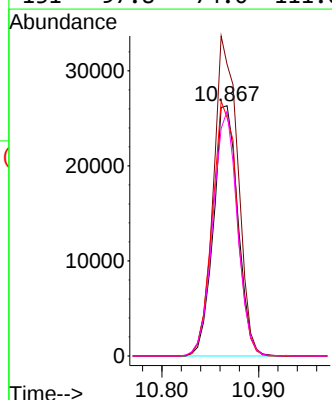
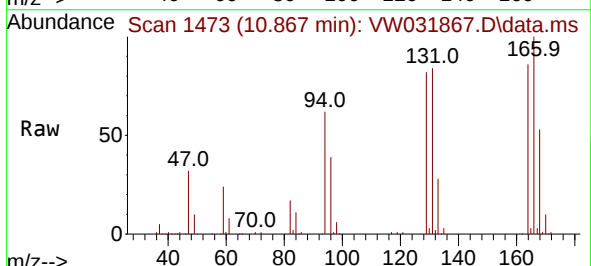
Ion Ratio Lower Upper

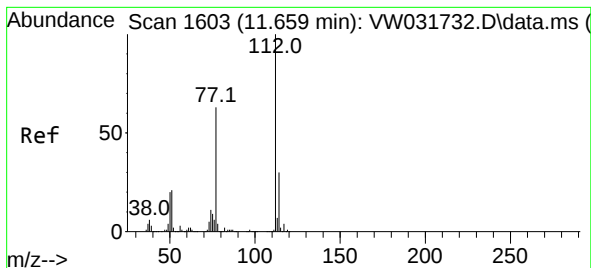
164 100

166 116.5 100.7 151.1

129 95.3 75.4 113.0

131 97.8 74.0 111.0





#65

Chlorobenzene

Concen: 22.187 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

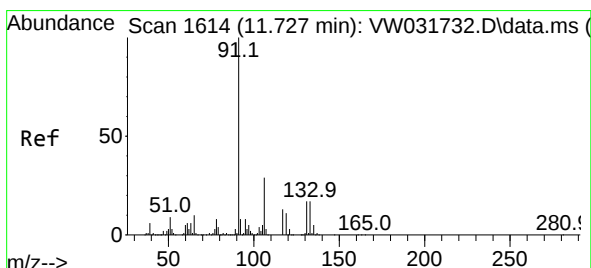
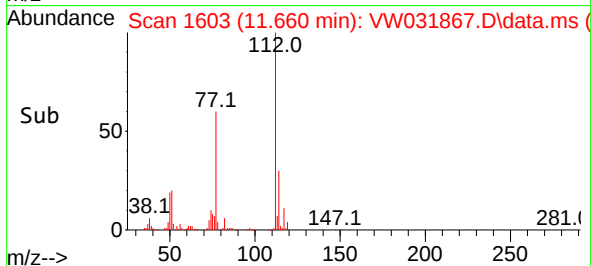
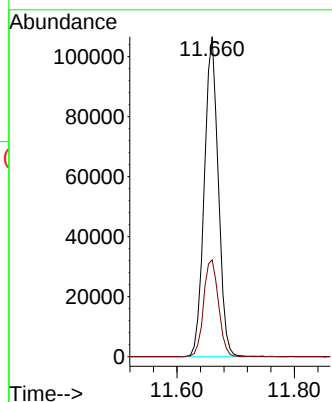
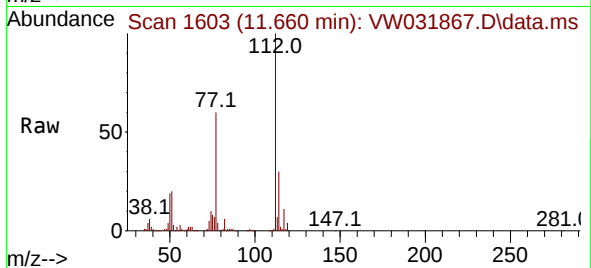
VW0716SBSD01

Tgt Ion:112 Resp: 176365

Ion Ratio Lower Upper

112 100

114 30.2 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 22.149 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

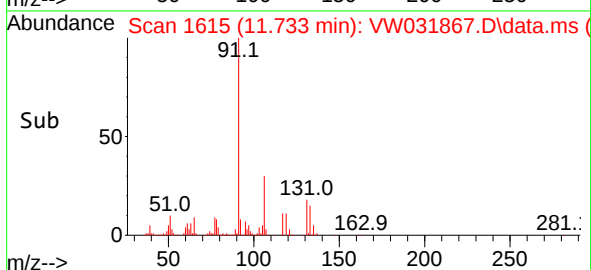
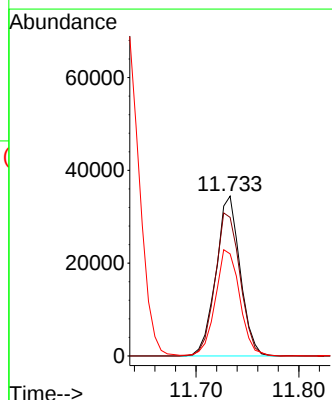
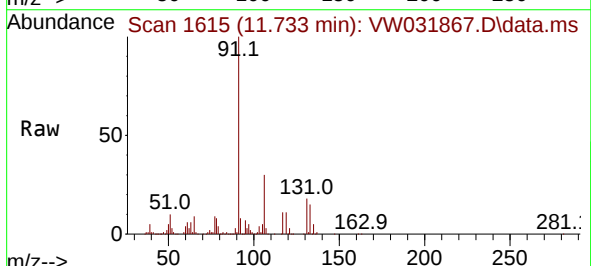
Tgt Ion:131 Resp: 56105

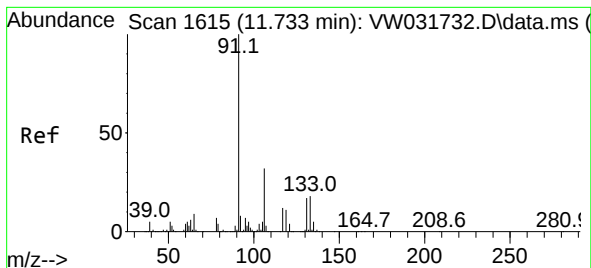
Ion Ratio Lower Upper

131 100

133 92.6 48.5 145.6

119 67.4 32.5 97.5

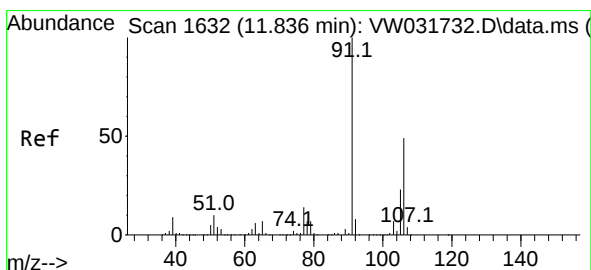
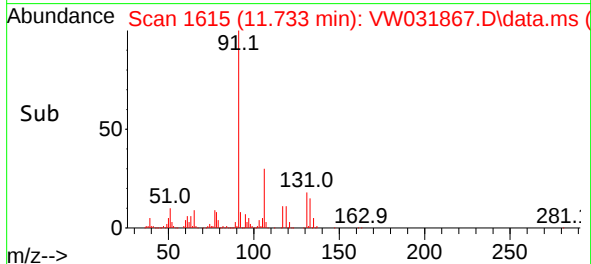
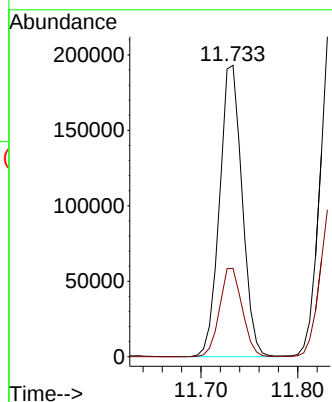
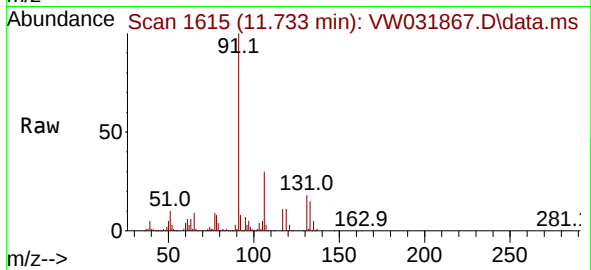




#67
Ethyl Benzene
Concen: 22.721 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

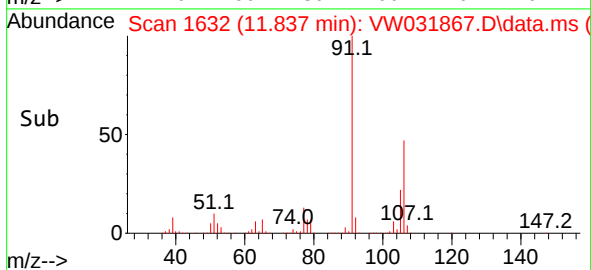
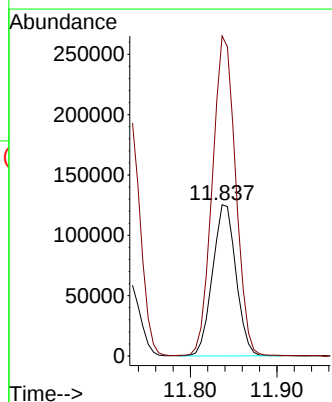
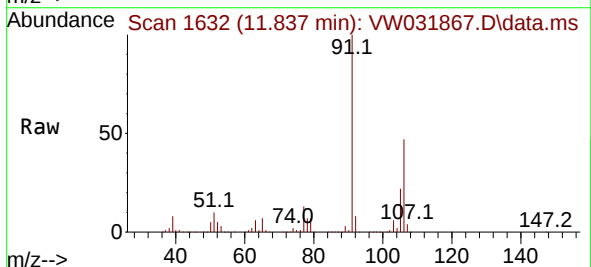
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion: 91 Resp: 313187
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.2



#68
m/p-Xylenes
Concen: 44.399 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion:106 Resp: 235261
Ion Ratio Lower Upper
106 100
91 211.2 166.4 249.6

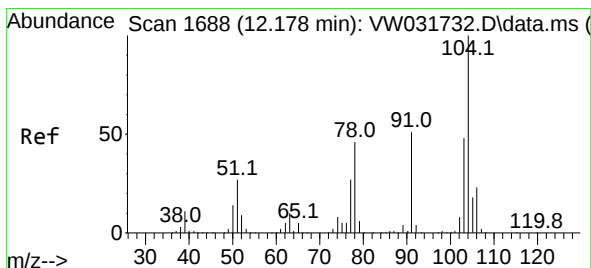
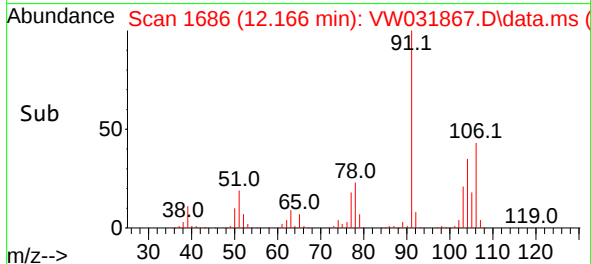
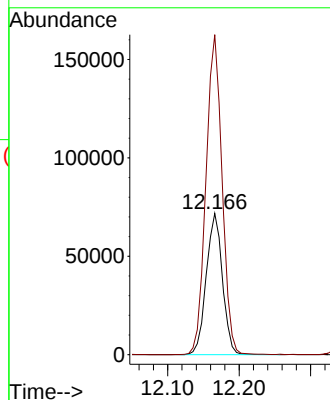
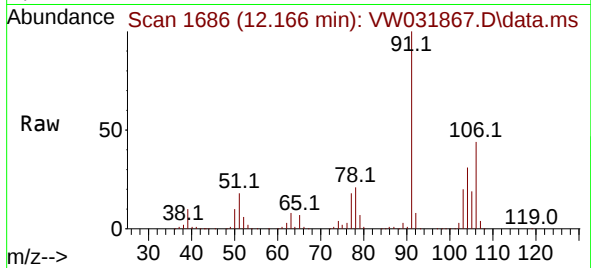




#69
o-Xylene
Concen: 22.988 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

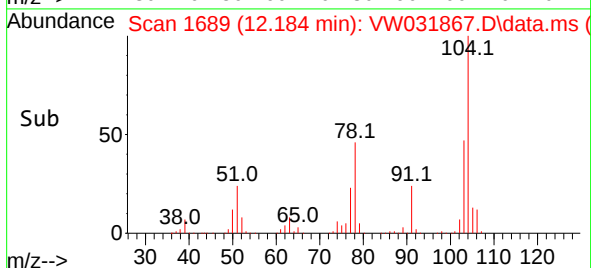
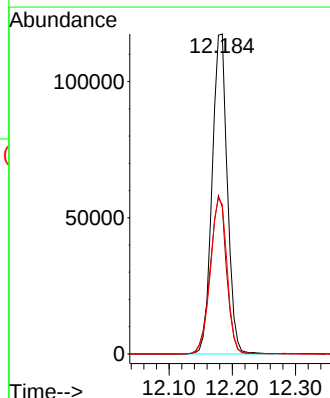
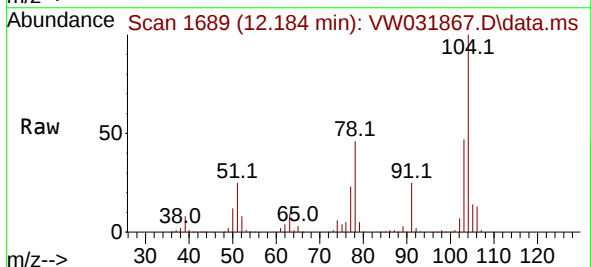
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion:106 Resp: 112783
Ion Ratio Lower Upper
106 100
91 226.4 111.5 334.4



#70
Styrene
Concen: 23.187 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion:104 Resp: 196656
Ion Ratio Lower Upper
104 100
78 52.9 42.1 63.1
103 53.4 43.0 64.6





#71

Bromoform

Concen: 20.479 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

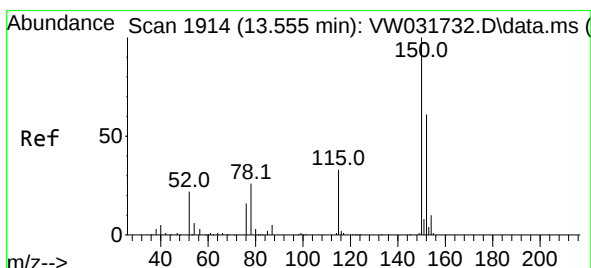
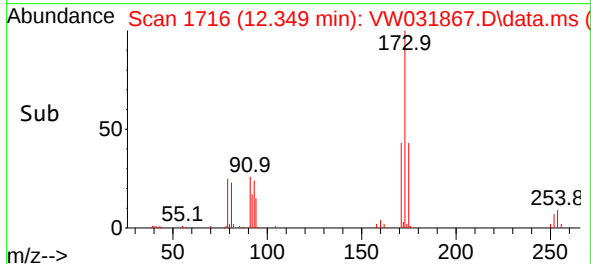
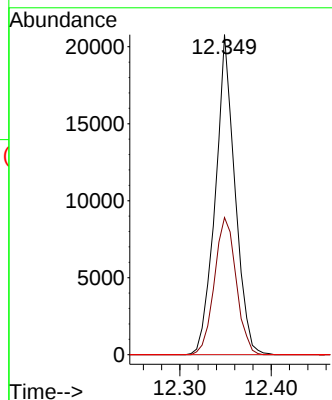
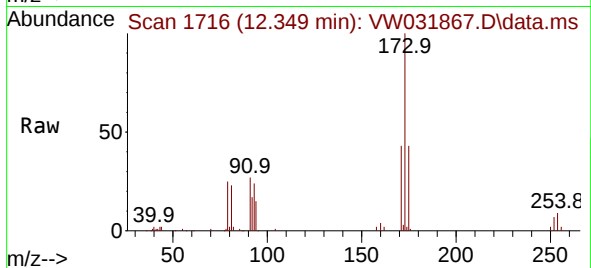
Tgt Ion:173 Resp: 30946

Ion Ratio Lower Upper

173 100

175 47.5 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

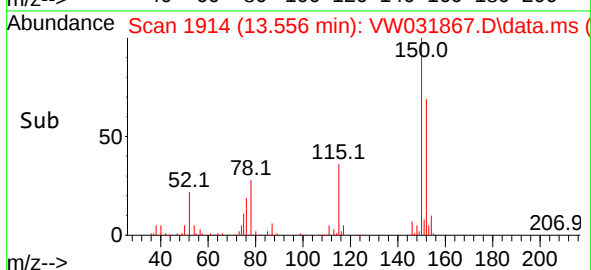
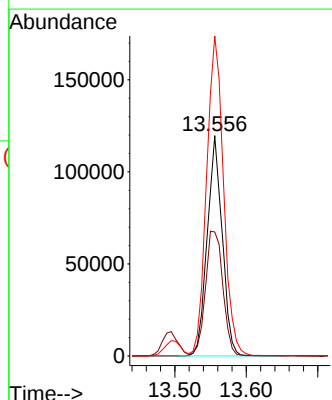
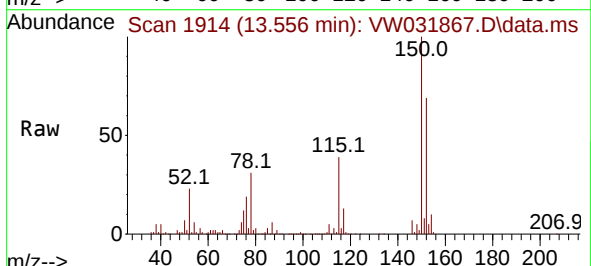
Tgt Ion:152 Resp: 174902

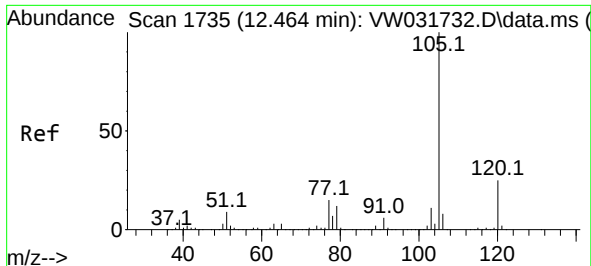
Ion Ratio Lower Upper

152 100

115 65.5 31.9 95.7

150 163.0 0.0 356.4

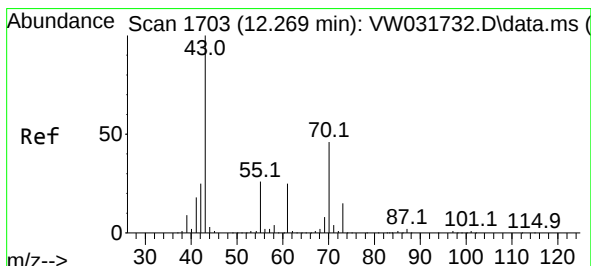
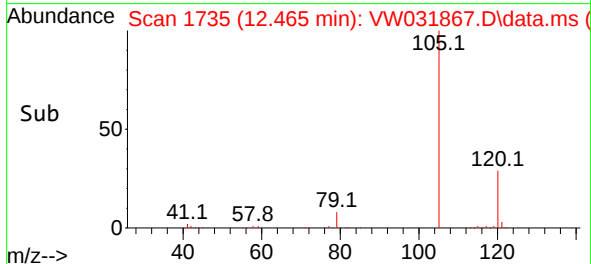
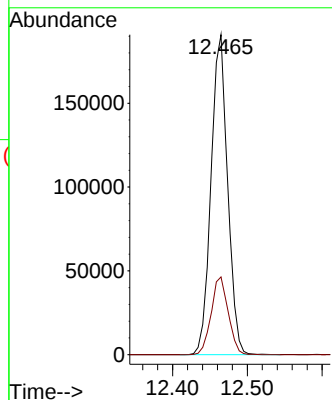
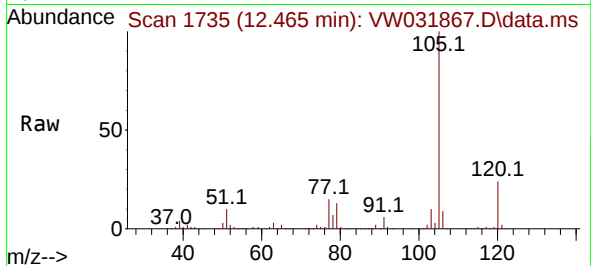




#73
Isopropylbenzene
Concen: 22.085 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

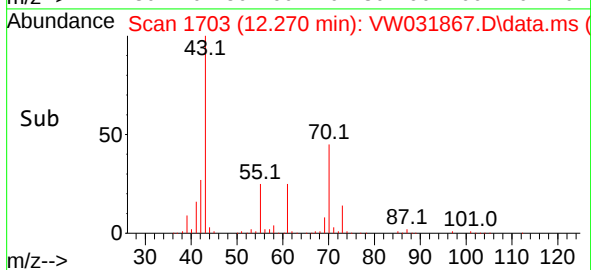
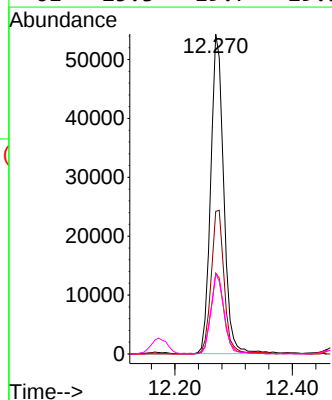
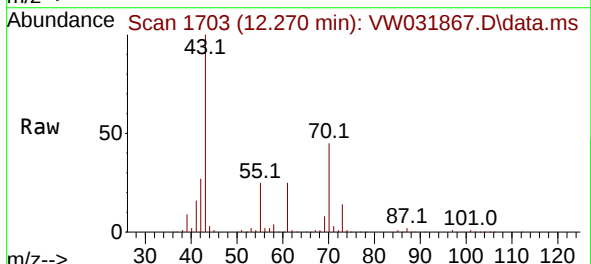
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

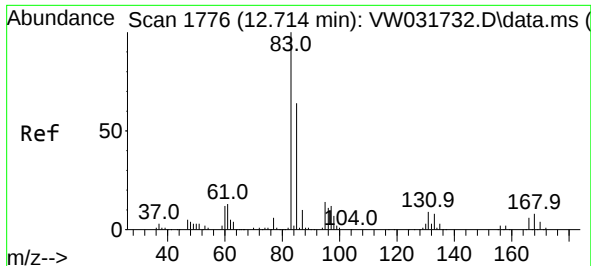
Tgt Ion:105 Resp: 293824
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4



#74
N-ethyl acetate
Concen: 23.316 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 43 Resp: 83609
Ion Ratio Lower Upper
43 100
70 45.3 36.0 54.0
55 25.9 20.8 31.2
61 25.3 19.7 29.5

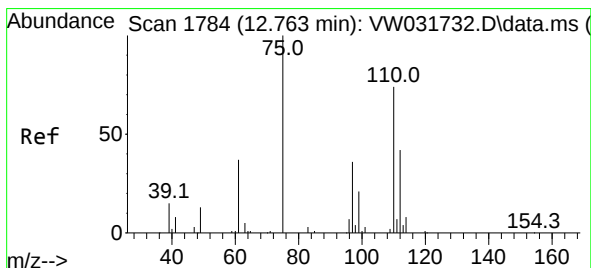
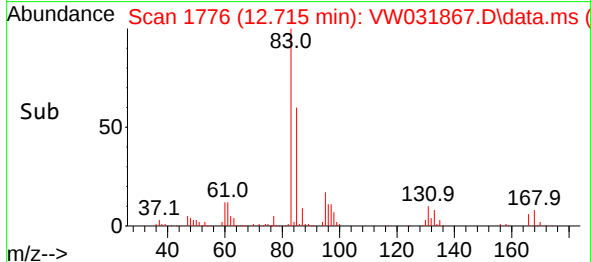
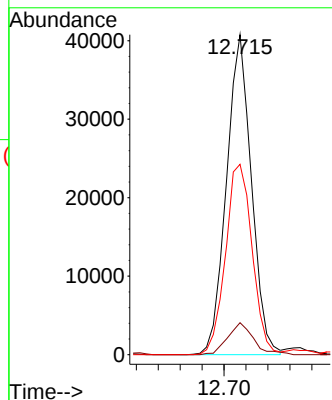
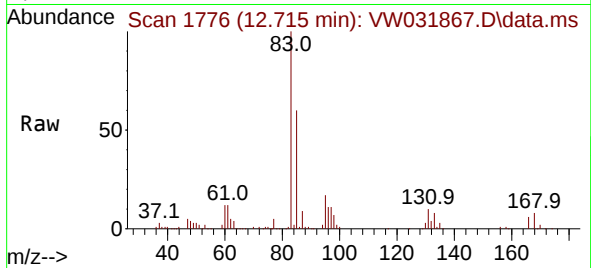




#75
1,1,2,2-Tetrachloroethane
Concen: 21.798 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

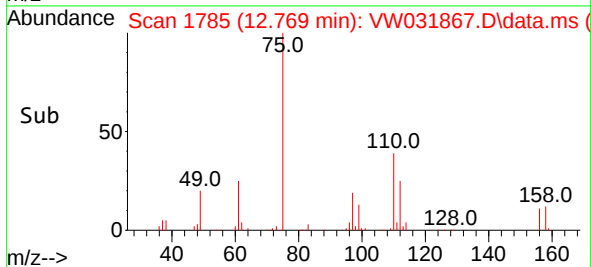
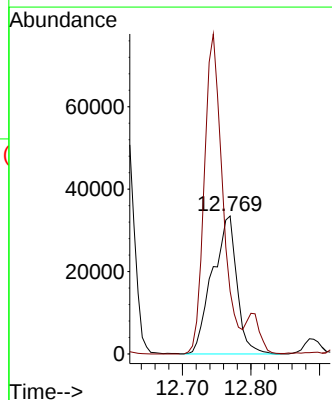
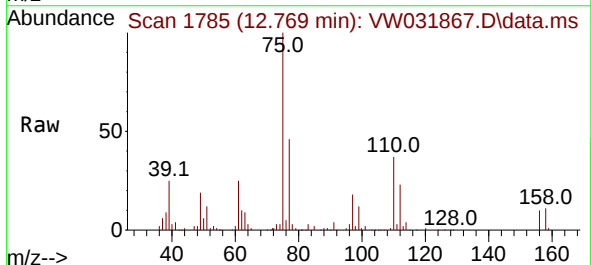
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

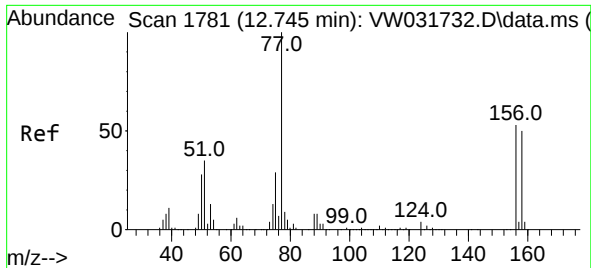
Tgt Ion: 83 Resp: 64383
Ion Ratio Lower Upper
83 100
131 10.3 5.3 16.1
85 63.6 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 36.772 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 75 Resp: 83114
Ion Ratio Lower Upper
75 100
77 0.0 141.2 423.6#

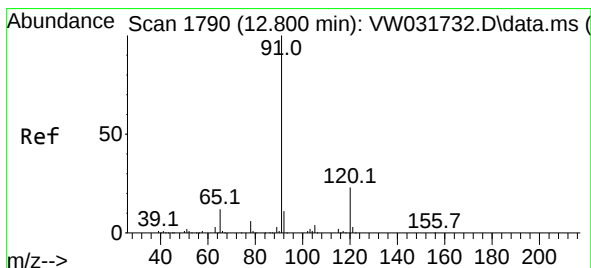
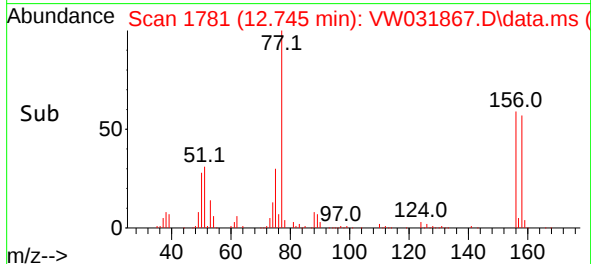
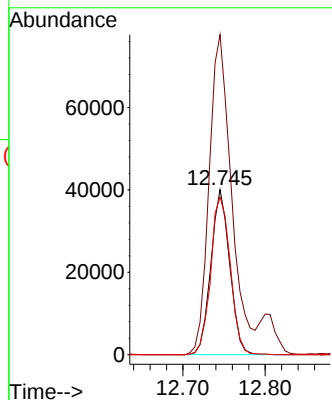
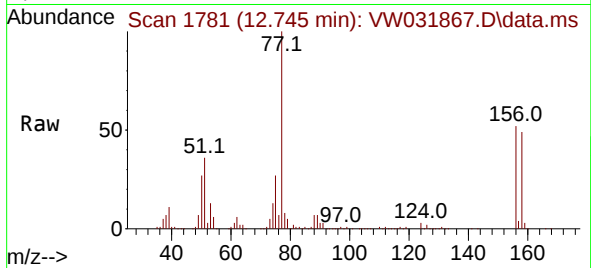




#77
Bromobenzene
Concen: 21.494 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

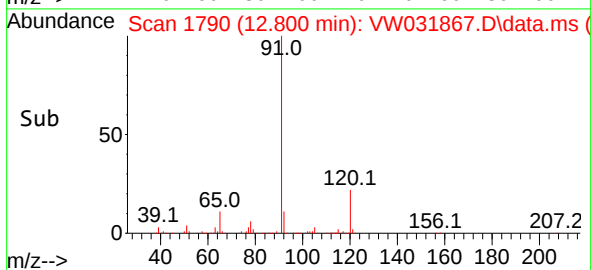
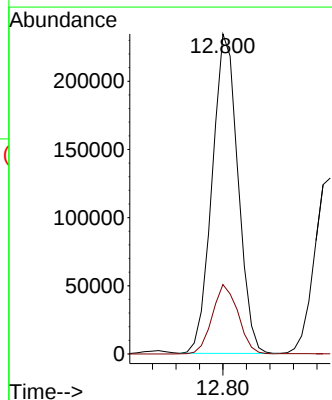
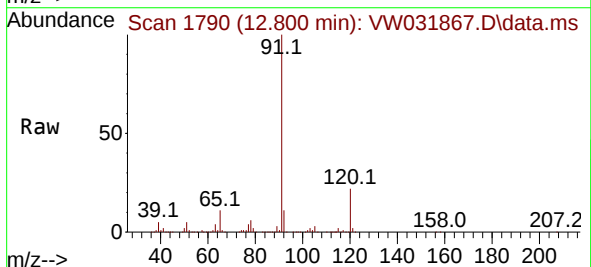
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

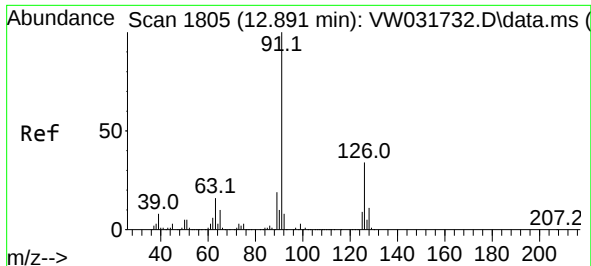
Tgt Ion:156 Resp: 63778
Ion Ratio Lower Upper
156 100
77 229.6 117.9 353.7
158 99.3 52.6 157.8



#78
n-propylbenzene
Concen: 22.429 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 91 Resp: 357325
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4

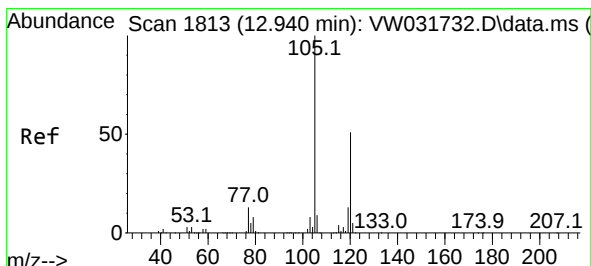
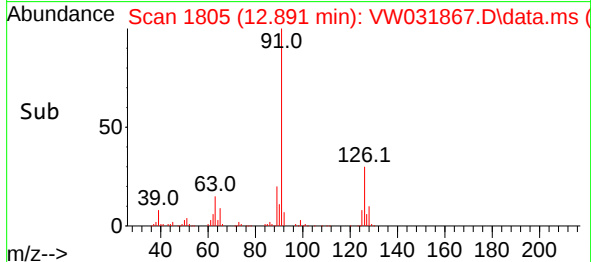
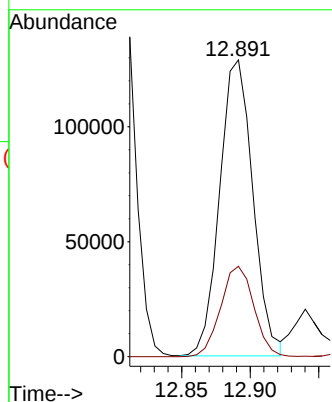
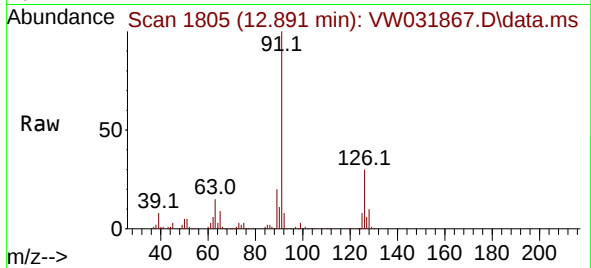




#79
2-Chlorotoluene
Concen: 22.667 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

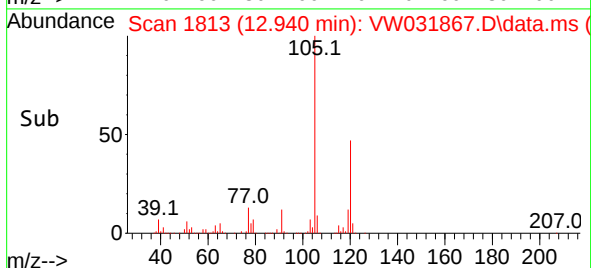
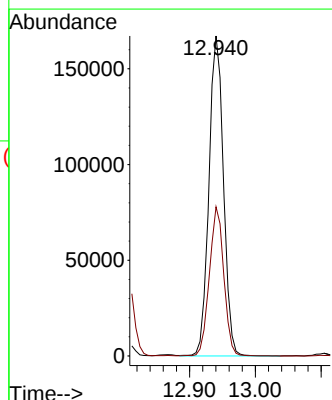
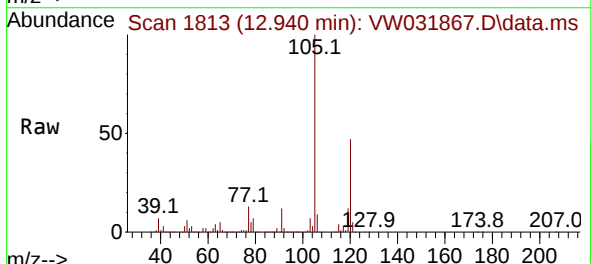
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion: 91 Resp: 217449
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 23.357 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 105 Resp: 257220
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.2

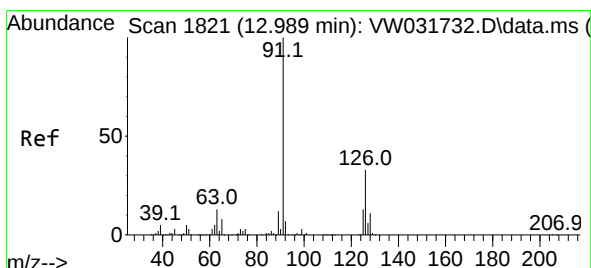
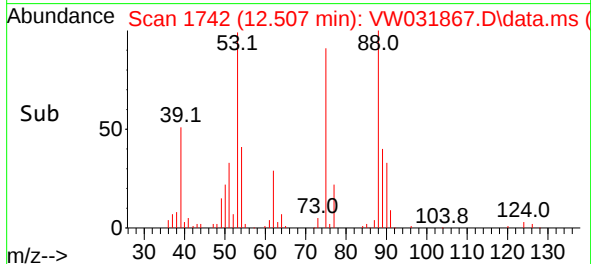
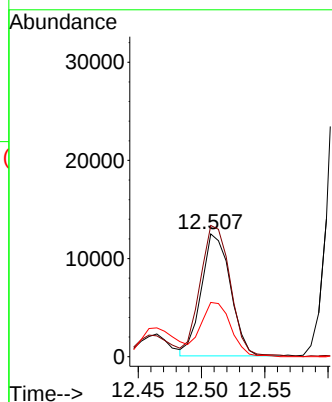
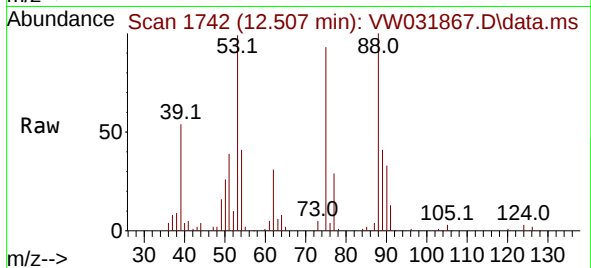




#81
trans-1,4-Dichloro-2-butene
Concen: 20.456 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

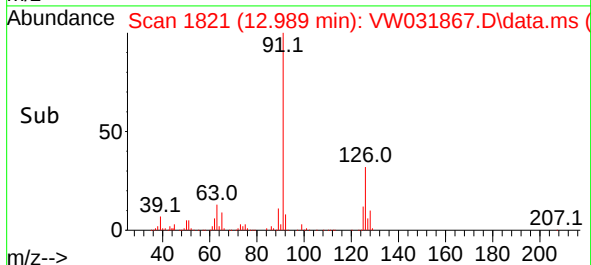
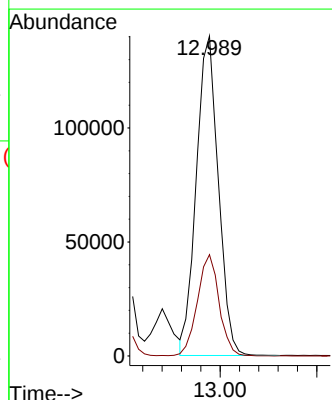
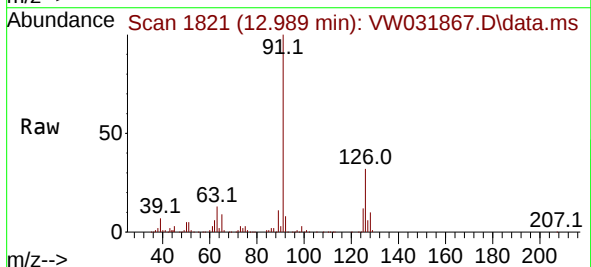
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

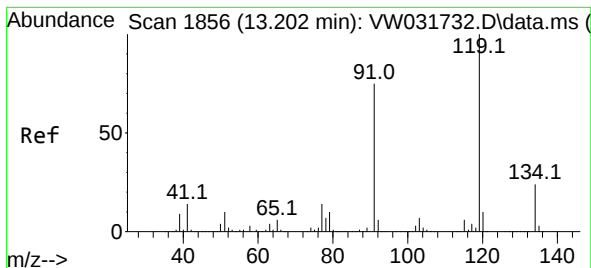
Tgt Ion: 75 Resp: 19851
Ion Ratio Lower Upper
75 100
53 112.8 83.5 125.3
89 45.9 38.3 57.5



#82
4-Chlorotoluene
Concen: 22.019 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 91 Resp: 221770
Ion Ratio Lower Upper
91 100
126 31.4 16.0 47.9

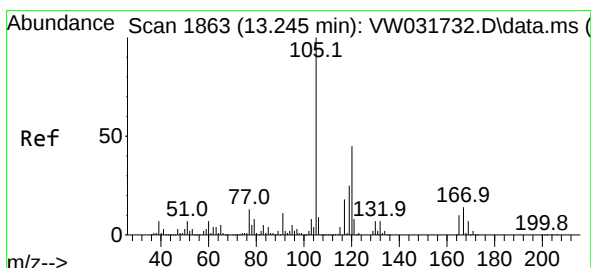
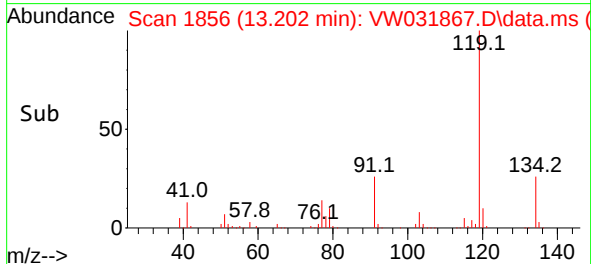
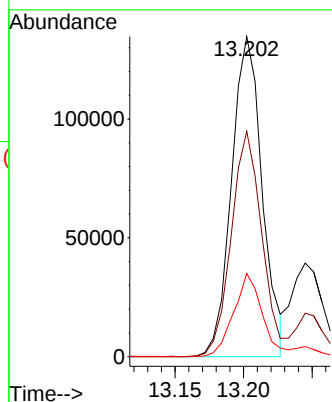
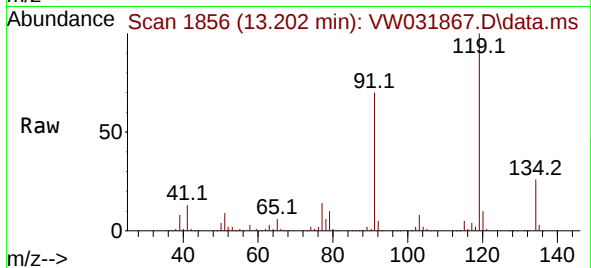




#83
tert-Butylbenzene
Concen: 22.251 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

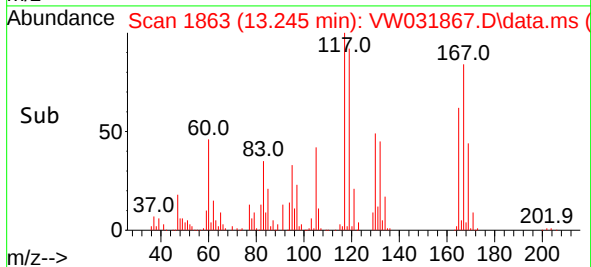
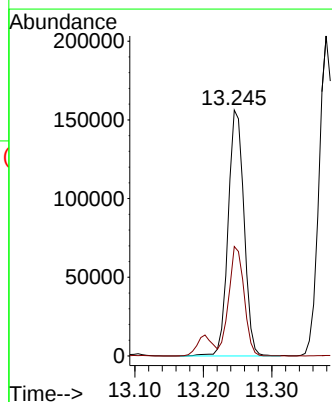
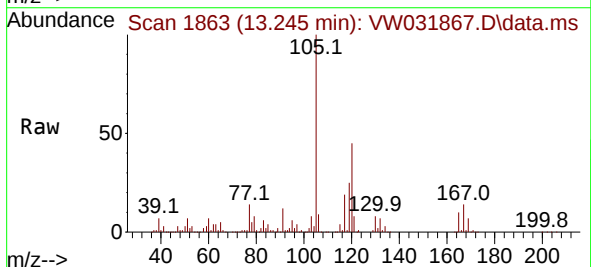
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBS01

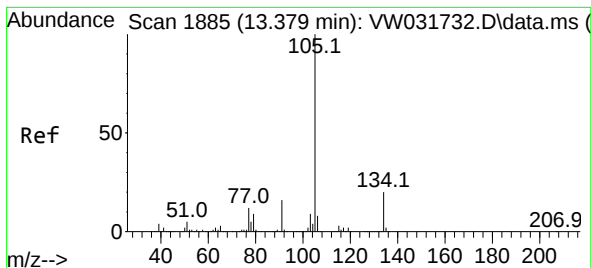
Tgt Ion:119 Resp: 209895
Ion Ratio Lower Upper
119 100
91 70.9 36.0 108.1
134 24.3 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 22.394 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion:105 Resp: 249870
Ion Ratio Lower Upper
105 100
120 42.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 21.965 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

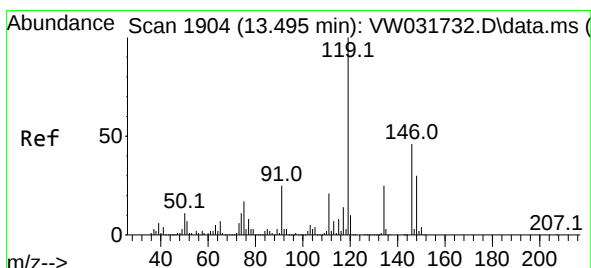
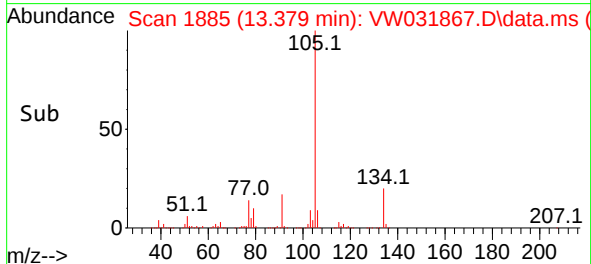
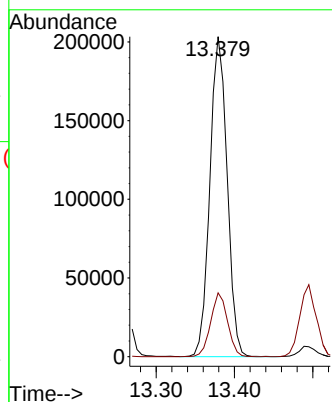
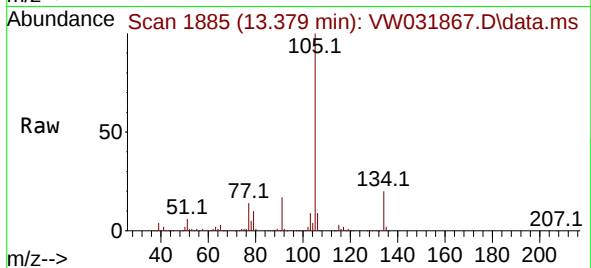
VW0716SBSD01

Tgt Ion:105 Resp: 310992

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.8



#86

p-Isopropyltoluene

Concen: 22.078 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

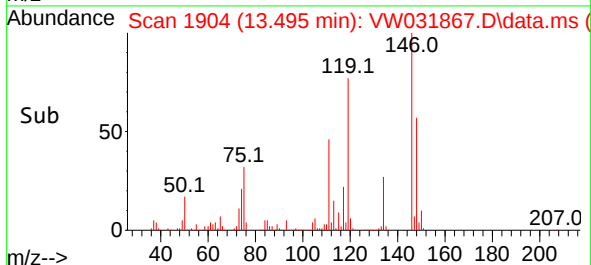
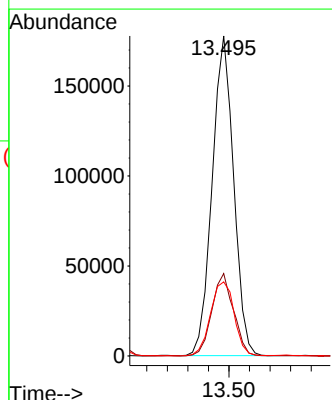
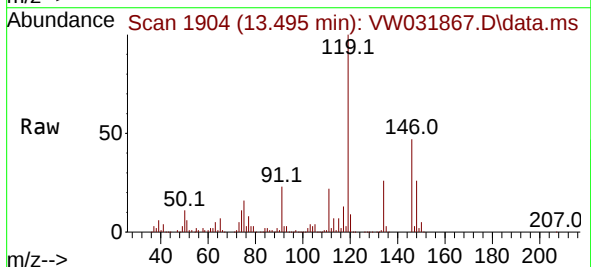
Tgt Ion:119 Resp: 257624

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 25.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 22.475 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031867.D

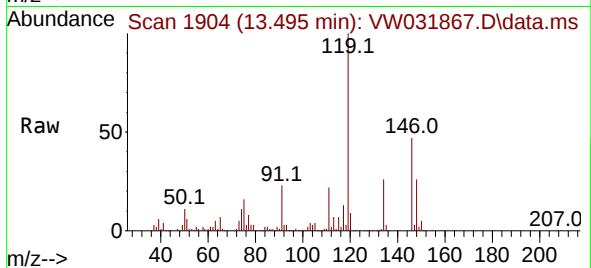
Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01



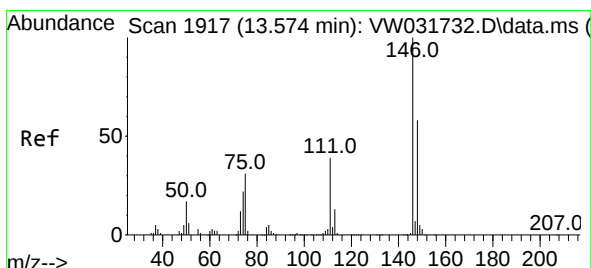
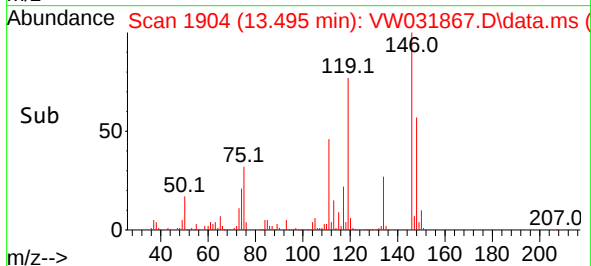
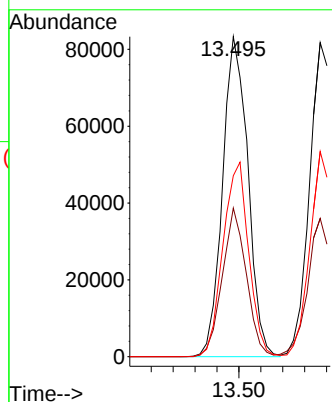
Tgt Ion:146 Resp: 133743

Ion Ratio Lower Upper

146 100

111 44.1 22.3 66.9

148 61.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 21.295 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

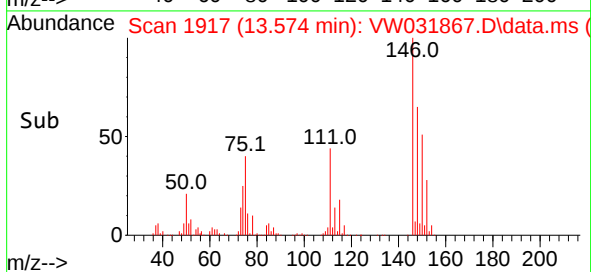
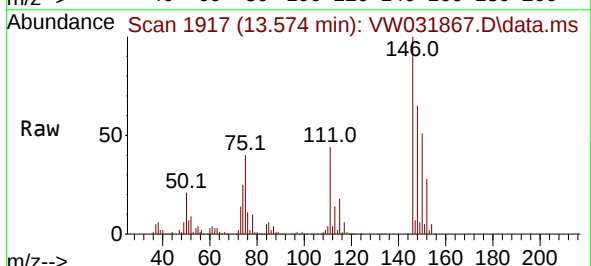
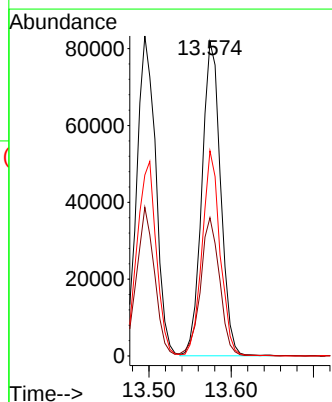
Tgt Ion:146 Resp: 129705

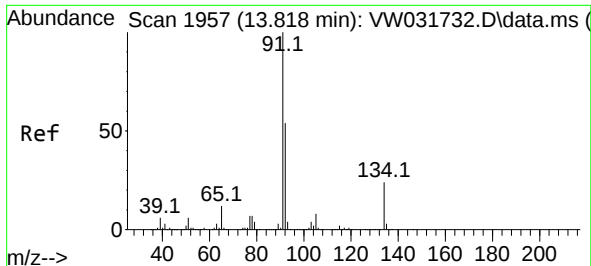
Ion Ratio Lower Upper

146 100

111 44.5 20.4 61.3

148 62.7 30.2 90.6

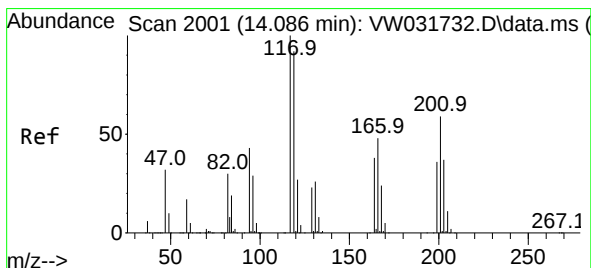
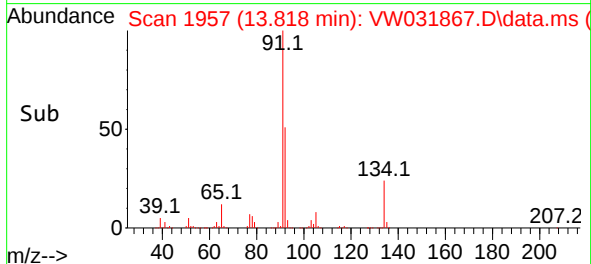
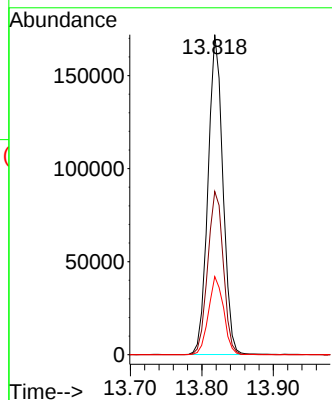
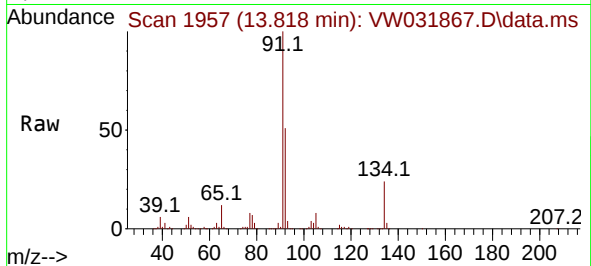




#89
n-Butylbenzene
Concen: 21.930 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

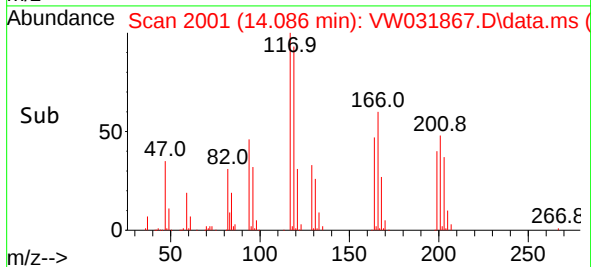
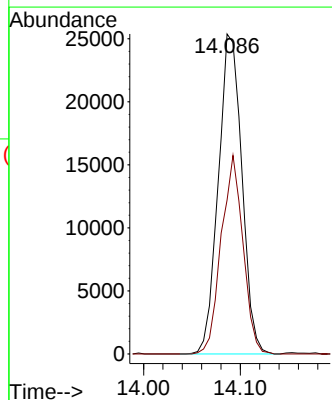
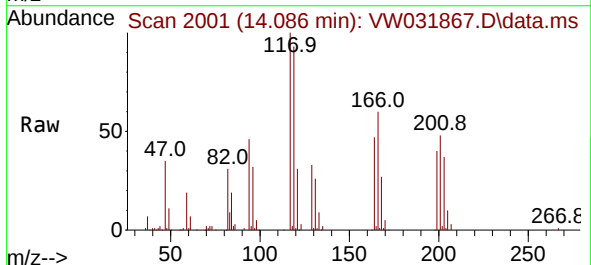
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

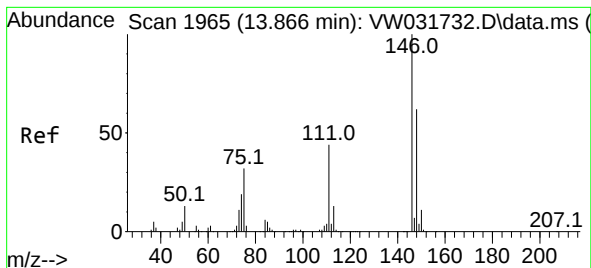
Tgt Ion: 91 Resp: 248633
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.5
134 24.9 12.2 36.6



#90
Hexachloroethane
Concen: 20.369 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 117 Resp: 42880
Ion Ratio Lower Upper
117 100
201 57.3 31.1 93.3

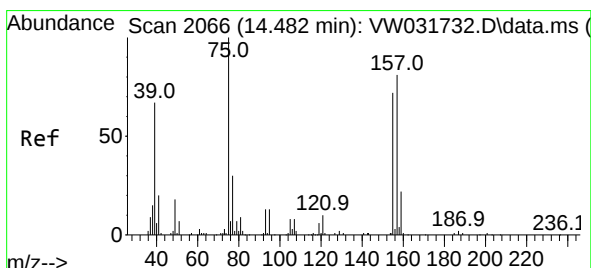
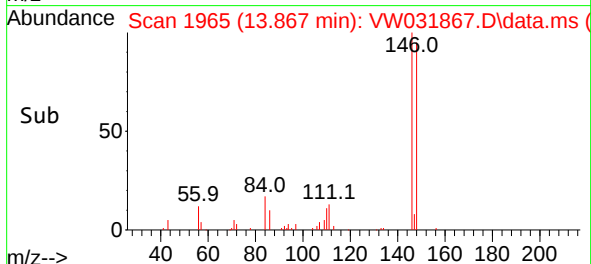
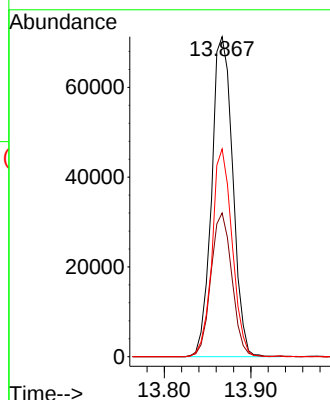
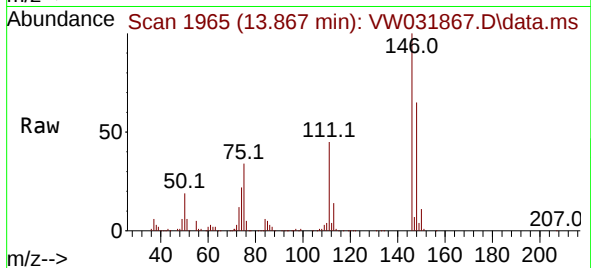




#91
1,2-Dichlorobenzene
Concen: 22.197 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

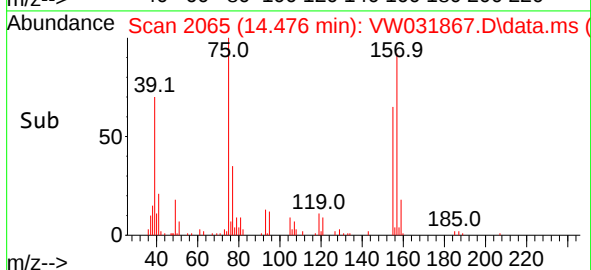
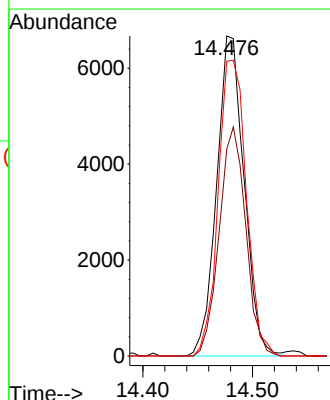
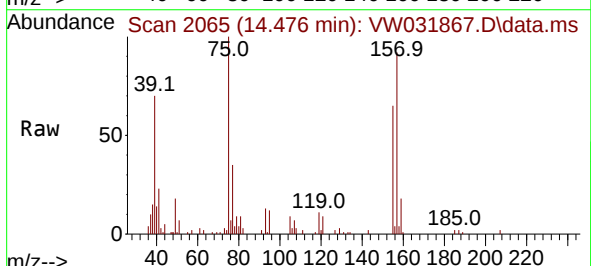
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

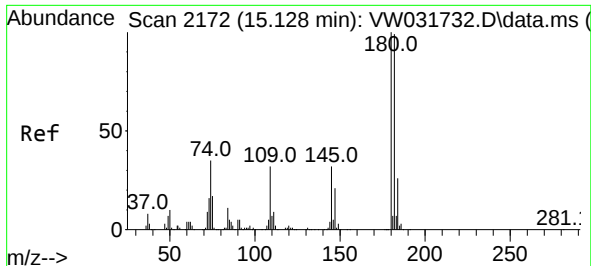
Tgt Ion:146 Resp: 120729
Ion Ratio Lower Upper
146 100
111 44.6 21.7 65.1
148 61.5 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.119 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion: 75 Resp: 11603
Ion Ratio Lower Upper
75 100
155 69.2 37.2 111.6
157 94.8 45.6 136.9

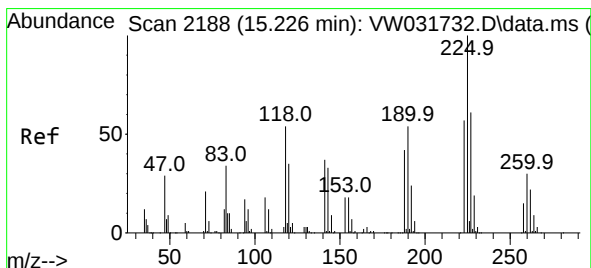
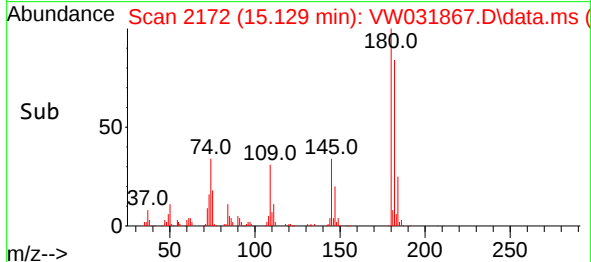
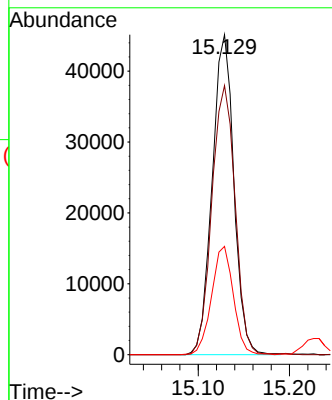
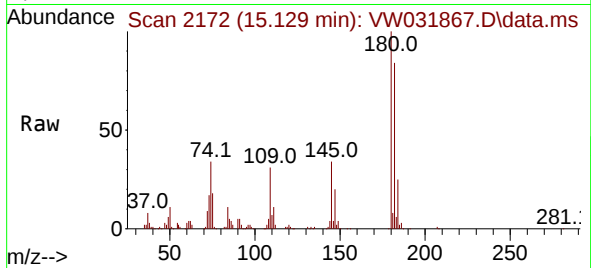




#93
1,2,4-Trichlorobenzene
Concen: 22.196 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

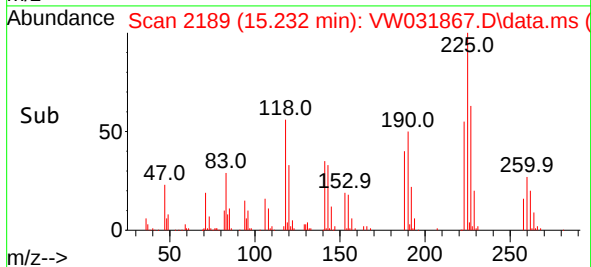
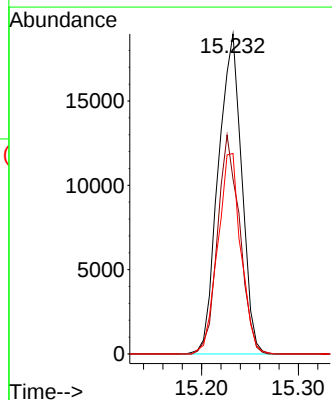
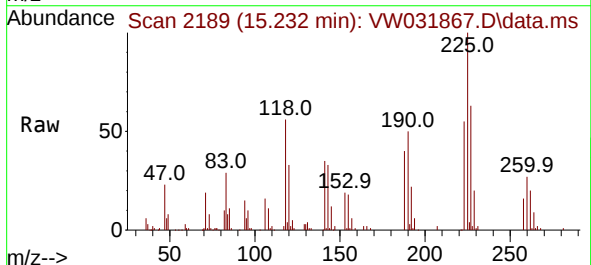
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

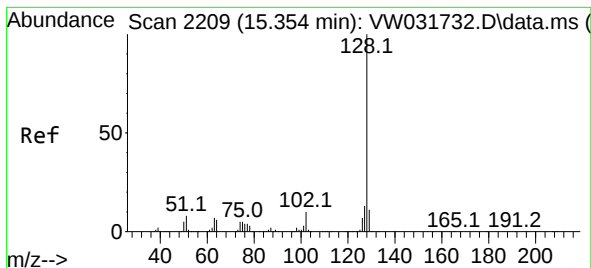
Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	48.6	145.9
145	34.1	17.3	51.7



#94
Hexachlorobutadiene
Concen: 19.677 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW031867.D
Acq: 16 Jul 2025 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.6	97.8
227	61.9	37.3	111.8





#95

Naphthalene

Concen: 21.591 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

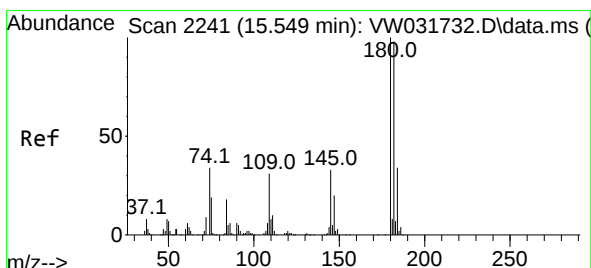
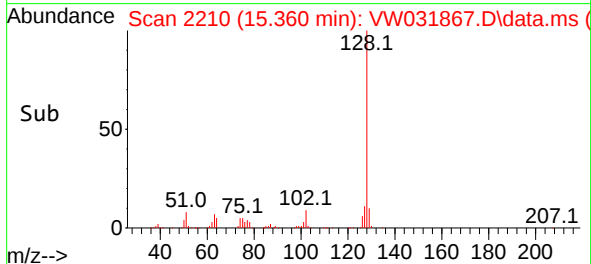
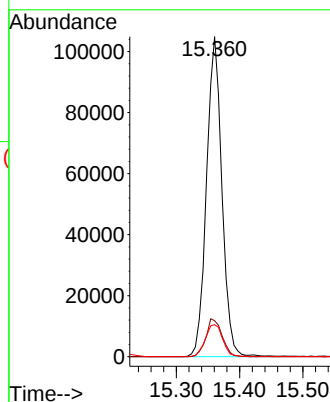
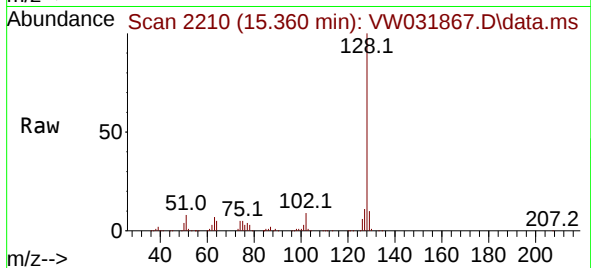
Tgt Ion:128 Resp: 177555

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.530 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031867.D

Acq: 16 Jul 2025 10:44

Tgt Ion:180 Resp: 63275

Ion Ratio Lower Upper

180 100

182 90.0 46.4 139.1

145 36.1 17.8 53.3

