

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031839.D
 Acq On : 14 Jul 2025 10:36
 Operator : SY/MD
 Sample : VW0714SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBS01

Quant Time: Jul 15 02:40:25 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	213196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	419599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	383633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168874	55.195	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 110.380%	
35) Dibromofluoromethane	7.904	113	141487	51.674	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.340%	
50) Toluene-d8	10.325	98	514621	50.505	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	12.617	95	202927	54.118	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 108.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.052	85	24609	16.949	ug/l	99
3) Chloromethane	2.259	50	34502	19.710	ug/l	98
4) Vinyl Chloride	2.411	62	45927	19.962	ug/l	95
5) Bromomethane	2.826	94	36697	20.420	ug/l	95
6) Chloroethane	2.972	64	31465	20.133	ug/l	95
7) Trichlorofluoromethane	3.308	101	40411	19.340	ug/l	94
8) Diethyl Ether	3.722	74	35543	22.386	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	45420	19.584	ug/l	97
10) Methyl Iodide	4.314	142	71247	19.927	ug/l	99
11) Tert butyl alcohol	5.234	59	20449	107.881	ug/l	98
12) 1,1-Dichloroethene	4.082	96	50821	20.005	ug/l	92
13) Acrolein	3.936	56	25636	75.248	ug/l	95
14) Allyl chloride	4.704	41	81670	20.953	ug/l	98
15) Acrylonitrile	5.405	53	84019	107.608	ug/l	99
16) Acetone	4.167	43	75082	99.283	ug/l	94
17) Carbon Disulfide	4.429	76	125753	18.499	ug/l	98
18) Methyl Acetate	4.710	43	45134	20.883	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	98454	22.834	ug/l	99
20) Methylene Chloride	4.960	84	81509	24.463	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	57078	21.146	ug/l	98
22) Diisopropyl ether	6.344	45	179249	23.580	ug/l	98
23) Vinyl Acetate	6.289	43	593190	114.245	ug/l	97
24) 1,1-Dichloroethane	6.252	63	109046	22.126	ug/l	99
25) 2-Butanone	7.197	43	109501	111.299	ug/l	99
26) 2,2-Dichloropropane	7.185	77	57198	19.892	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	69492	22.396	ug/l	98
28) Bromochloromethane	7.532	49	49771	22.885	ug/l	99
29) Tetrahydrofuran	7.557	42	74733	110.918	ug/l	99
30) Chloroform	7.697	83	117943	22.522	ug/l	99
31) Cyclohexane	7.971	56	86315	19.813	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	83140	20.601	ug/l	99
36) 1,1-Dichloropropene	8.099	75	76947	19.421	ug/l	99
37) Ethyl Acetate	7.276	43	50983	20.398	ug/l	100
38) Carbon Tetrachloride	8.081	117	74893	18.549	ug/l	99
39) Methylcyclohexane	9.343	83	89385	18.133	ug/l	94
40) Benzene	8.337	78	244539	20.861	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	27875	20.819	ug/l	98
42) 1,2-Dichloroethane	8.410	62	81454	20.565	ug/l	98
43) Isopropyl Acetate	8.441	43	87779	20.374	ug/l	98
44) Trichloroethene	9.099	130	57013	19.486	ug/l	95
45) 1,2-Dichloropropane	9.380	63	57958	20.457	ug/l	100
46) Dibromomethane	9.465	93	37747	20.637	ug/l	97
47) Bromodichloromethane	9.654	83	89141	20.783	ug/l	99
48) Methyl methacrylate	9.447	41	43023	20.309	ug/l	97
49) 1,4-Dioxane	9.465	88	9243	431.465	ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	256818	103.684	ug/l	100
52) Toluene	10.392	92	158007	21.053	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	84553	21.011	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	95766	20.992	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	50275	20.983	ug/l	97
56) Ethyl methacrylate	10.648	69	71692	22.056	ug/l	98
57) 1,3-Dichloropropane	10.934	76	90014	21.398	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	193414	108.059	ug/l	98
59) 2-Hexanone	10.971	43	180082	107.289	ug/l	99
60) Dibromochloromethane	11.129	129	55936	19.523	ug/l	93
61) 1,2-Dibromoethane	11.239	107	49994	20.843	ug/l	98
64) Tetrachloroethene	10.861	164	43464	17.320	ug/l	92
65) Chlorobenzene	11.654	112	166946	19.724	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	54305	20.133	ug/l	97
67) Ethyl Benzene	11.727	91	300048	20.443	ug/l	96
68) m/p-Xylenes	11.837	106	224555	39.799	ug/l	99
69) o-Xylene	12.166	106	107272	20.534	ug/l	99
70) Styrene	12.178	104	183895	20.362	ug/l	98
71) Bromoform	12.349	173	30684	19.069	ug/l #	98
73) Isopropylbenzene	12.465	105	280880	20.443	ug/l	98
74) N-amyl acetate	12.269	43	81575	22.027	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	63391	20.781	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	81181	34.778	ug/l	41
77) Bromobenzene	12.745	156	61500	20.069	ug/l	94
78) n-propylbenzene	12.800	91	337459	20.510	ug/l	99
79) 2-Chlorotoluene	12.891	91	209747	21.170	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	238168	20.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	18854	18.813	ug/l	92
82) 4-Chlorotoluene	12.989	91	218429	20.999	ug/l	100
83) tert-Butylbenzene	13.202	119	194261	19.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	241588	20.965	ug/l	99
85) sec-Butylbenzene	13.379	105	293323	20.059	ug/l	99
86) p-Isopropyltoluene	13.495	119	247144	20.508	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	124859	20.317	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	126920	20.177	ug/l	94
89) n-Butylbenzene	13.818	91	234809	20.054	ug/l	98
90) Hexachloroethane	14.092	117	41932	19.287	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	116784	20.791	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11462	19.244	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	68535	19.784	ug/l	95
94) Hexachlorobutadiene	15.226	225	28897	17.275	ug/l	95
95) Naphthalene	15.360	128	167105	19.676	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	61227	19.235	ug/l	91

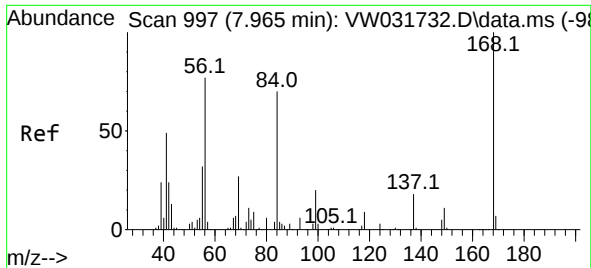
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031839.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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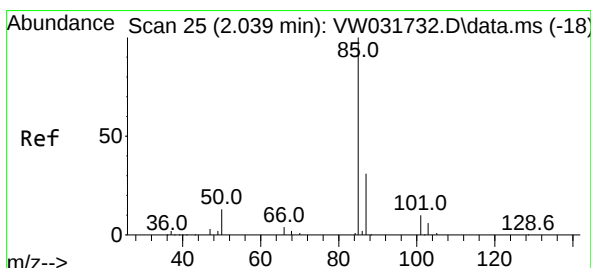
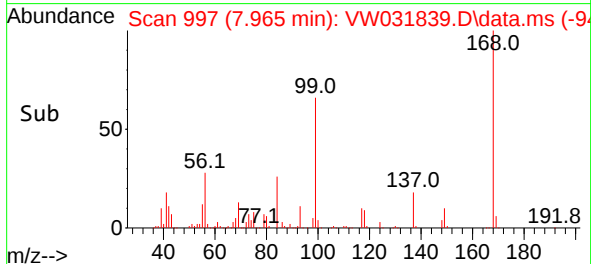
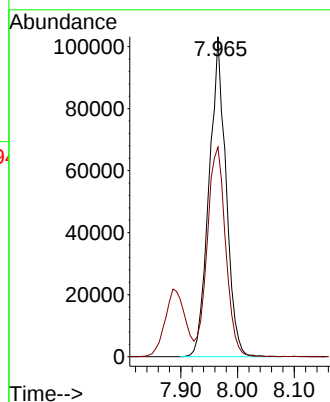
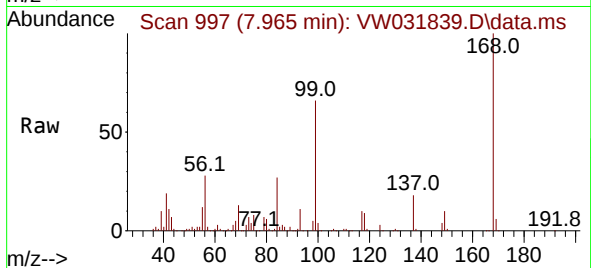
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

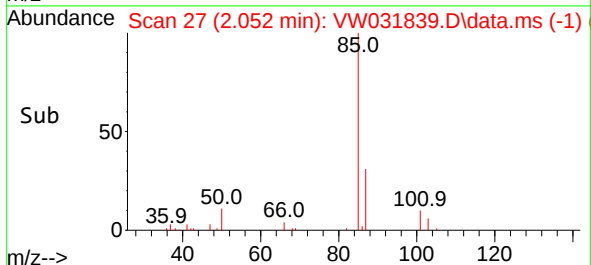
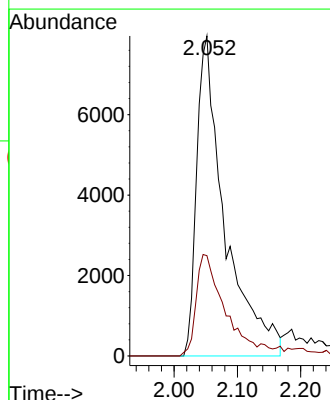
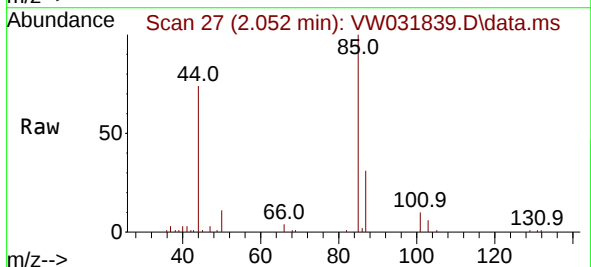
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ClientSampleId :
VW0714SBSD01

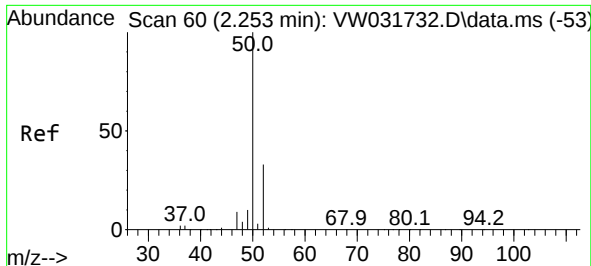
Tgt Ion:168 Resp: 213196
Ion Ratio Lower Upper
168 100
99 65.5 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 16.949 ug/l
RT: 2.052 min Scan# 27
Delta R.T. 0.012 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 85 Resp: 24609
Ion Ratio Lower Upper
85 100
87 31.4 15.4 46.2

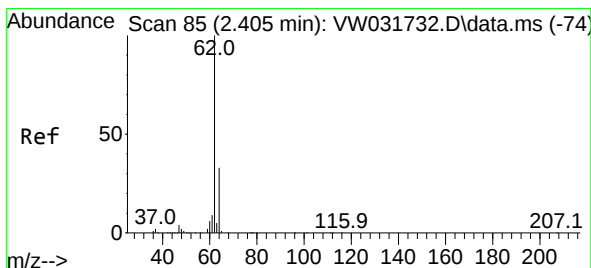
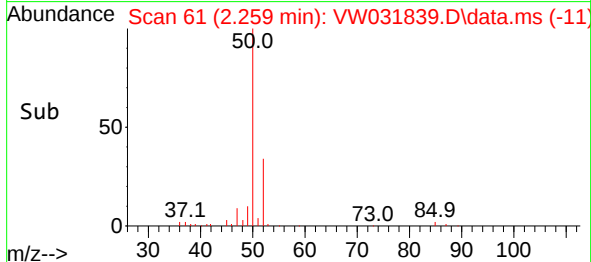
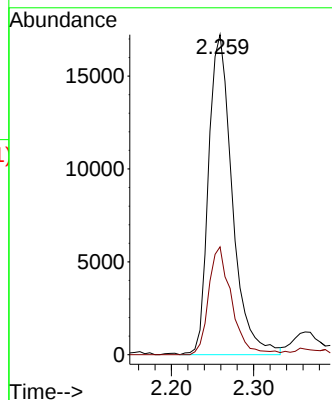
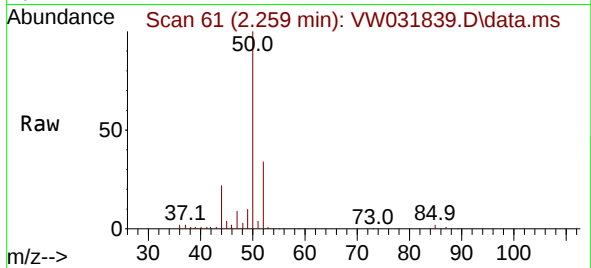




#3
Chloromethane
Concen: 19.710 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

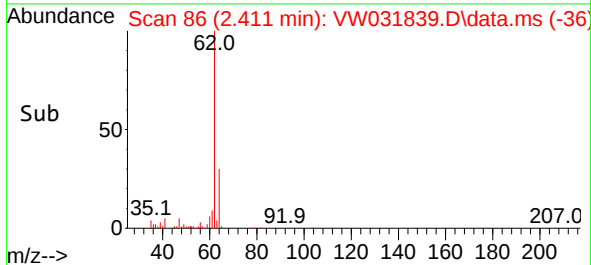
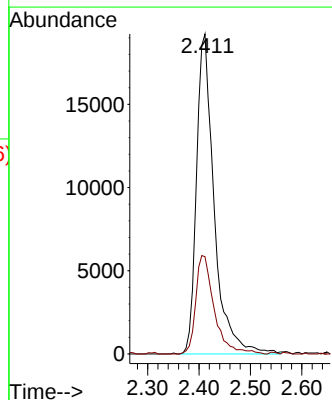
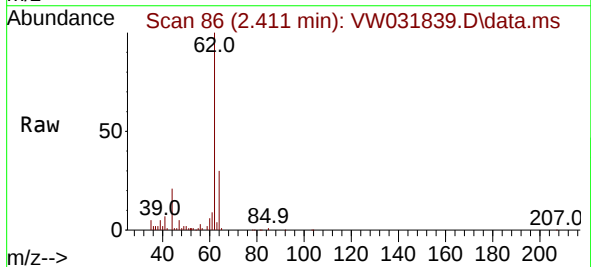
Instrument :
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ClientSampleId :
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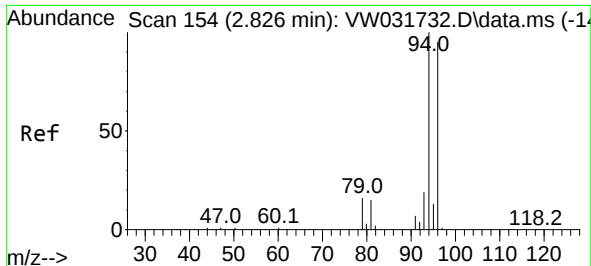
Tgt Ion: 50 Resp: 34502
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.2



#4
Vinyl Chloride
Concen: 19.962 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 62 Resp: 45927
Ion Ratio Lower Upper
62 100
64 30.4 26.8 40.2

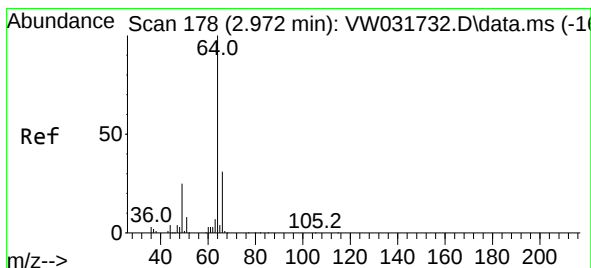
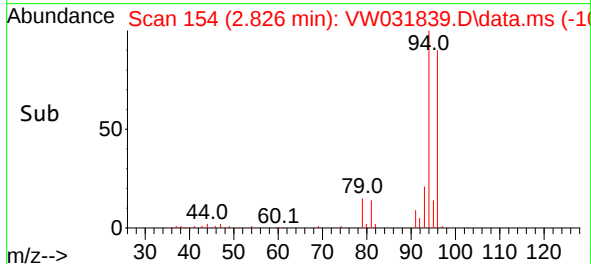
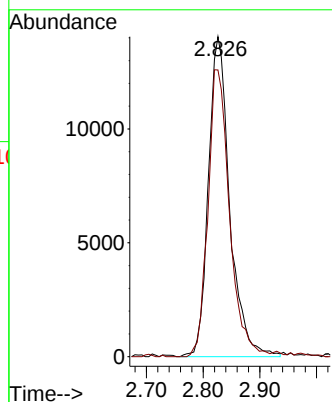
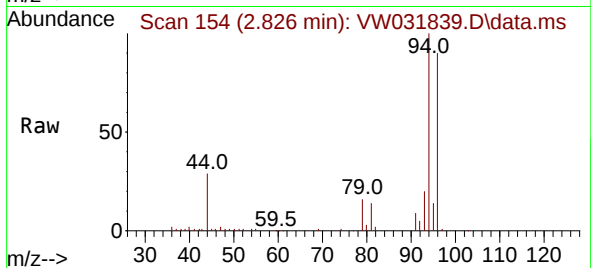




#5
Bromomethane
Concen: 20.420 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

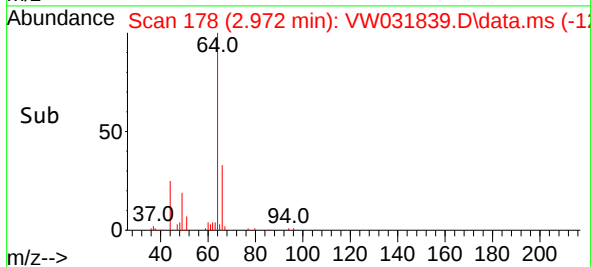
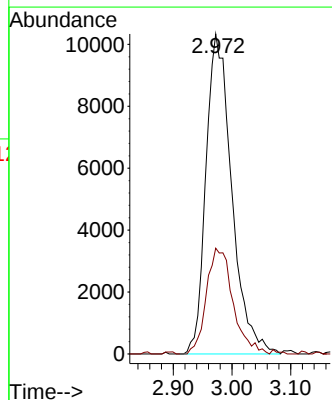
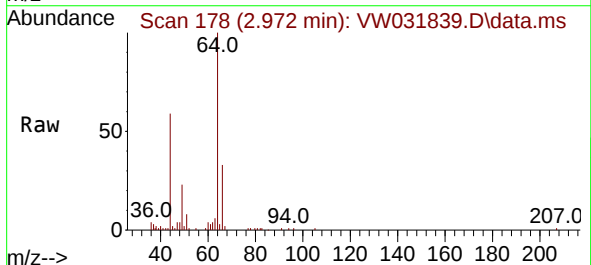
Instrument :
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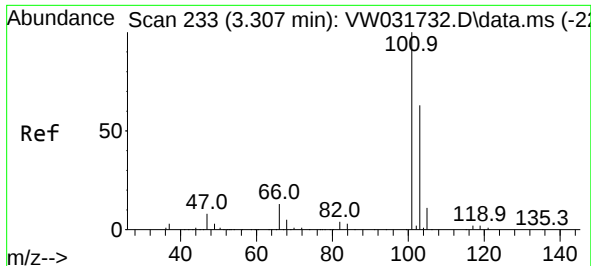
Tgt Ion: 94 Resp: 36697
Ion Ratio Lower Upper
94 100
96 89.6 75.6 113.4



#6
Chloroethane
Concen: 20.133 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 64 Resp: 31465
Ion Ratio Lower Upper
64 100
66 33.1 24.5 36.7

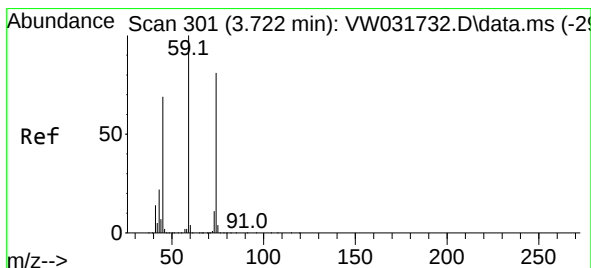
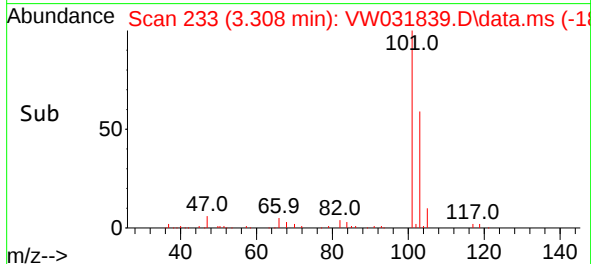
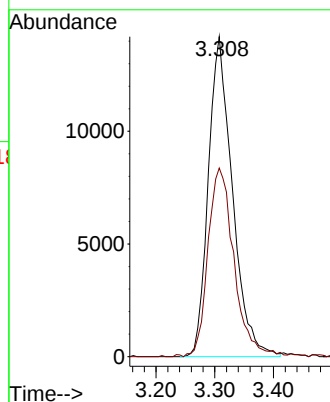
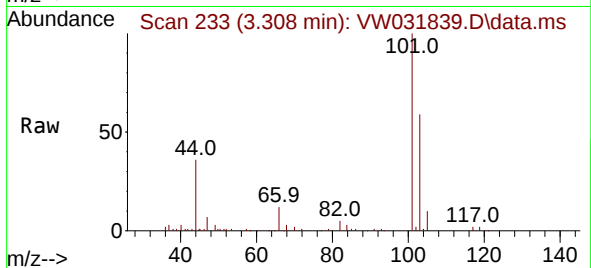




#7
 Trichlorofluoromethane
 Concen: 19.340 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031839.D
 Acq: 14 Jul 2025 10:36

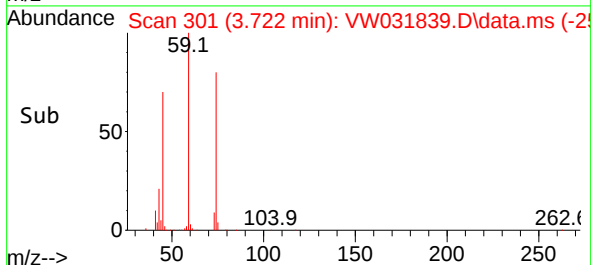
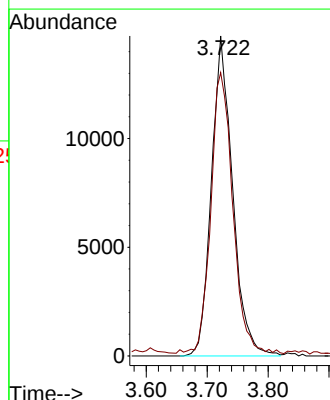
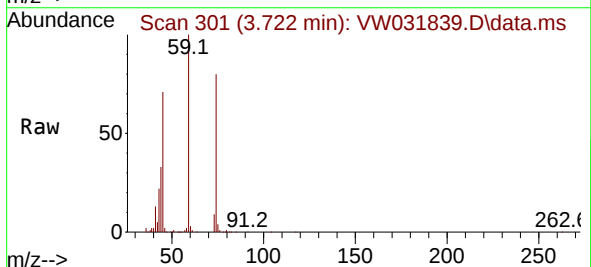
Instrument :
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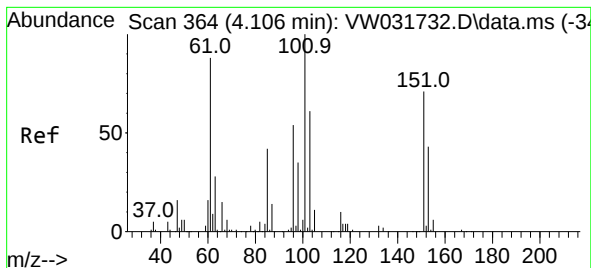
Tgt Ion:101 Resp: 40411
 Ion Ratio Lower Upper
 101 100
 103 58.4 50.2 75.4



#8
 Diethyl Ether
 Concen: 22.386 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031839.D
 Acq: 14 Jul 2025 10:36

Tgt Ion: 74 Resp: 35543
 Ion Ratio Lower Upper
 74 100
 45 91.1 43.9 131.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.584 ug/l

RT: 4.100 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

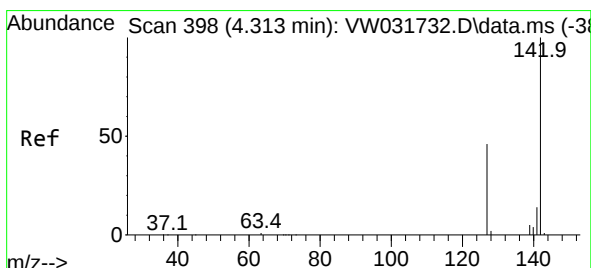
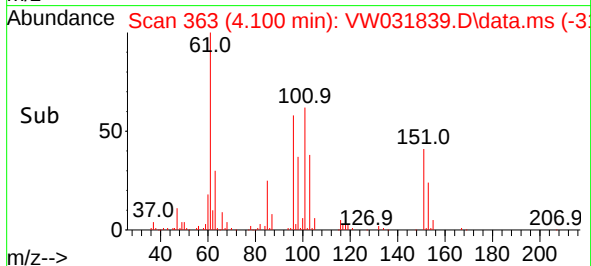
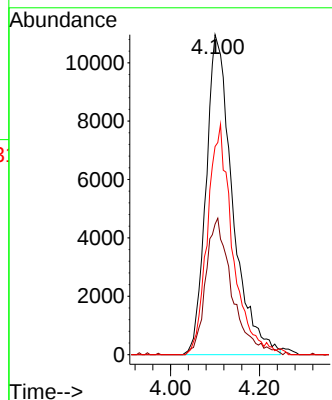
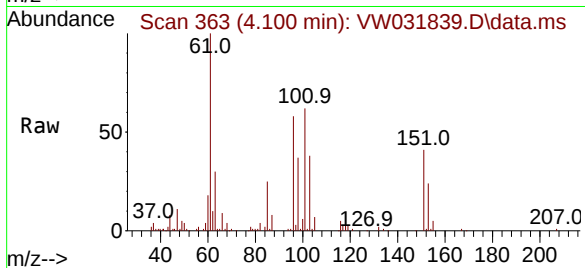
Tgt Ion:101 Resp: 45420

Ion Ratio Lower Upper

101 100

85 42.3 35.6 53.4

151 68.3 56.8 85.2



#10

Methyl Iodide

Concen: 19.927 ug/l

RT: 4.314 min Scan# 398

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

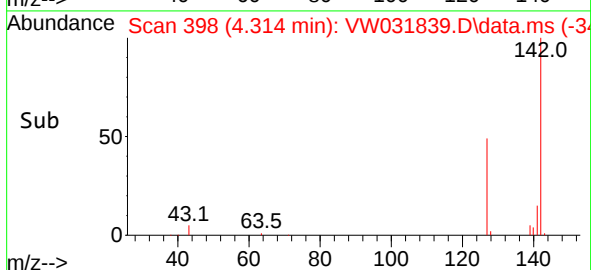
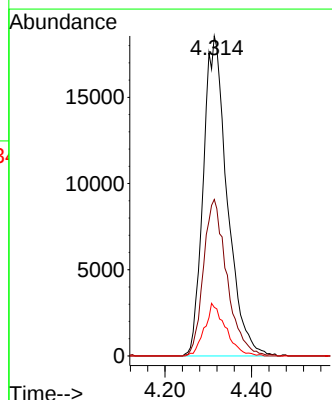
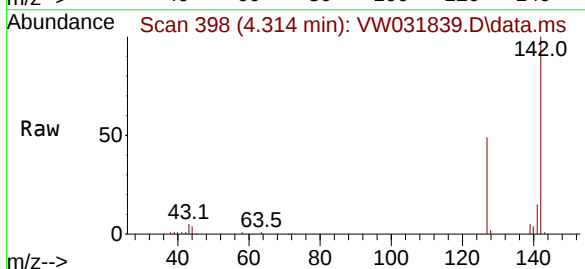
Tgt Ion:142 Resp: 71247

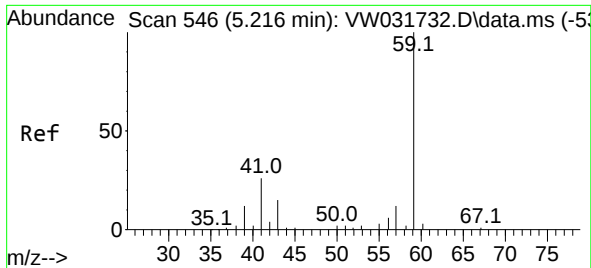
Ion Ratio Lower Upper

142 100

127 47.9 37.9 56.9

141 14.7 11.7 17.5

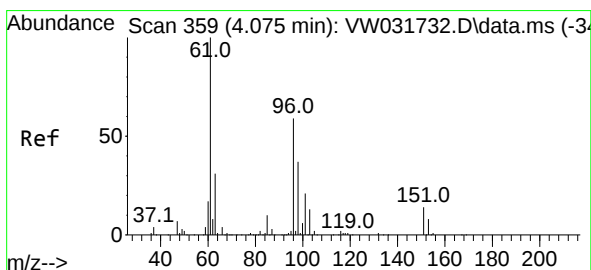
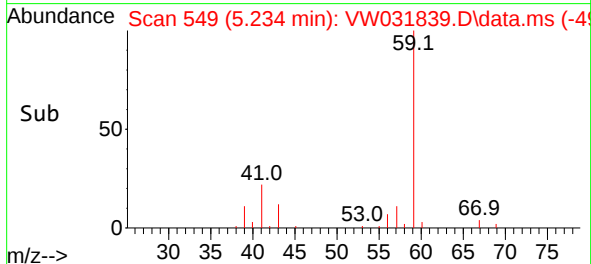
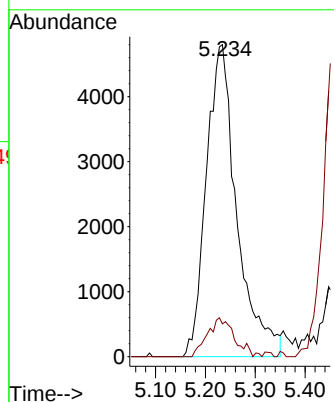
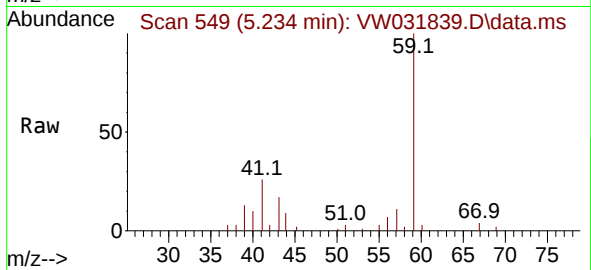




#11
Tert butyl alcohol
Concen: 107.881 ug/l
RT: 5.234 min Scan# 546
Delta R.T. 0.019 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

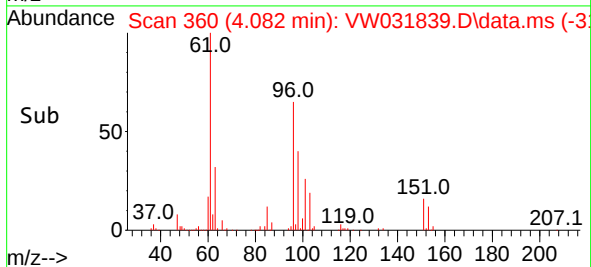
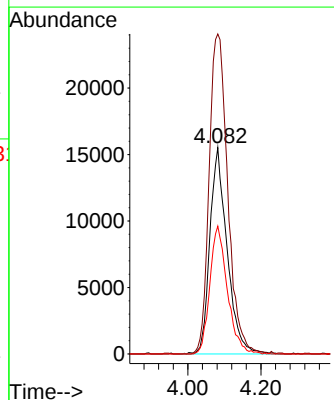
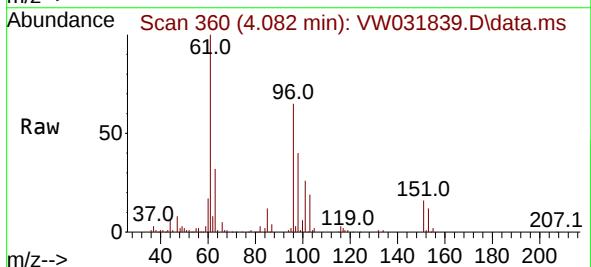
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

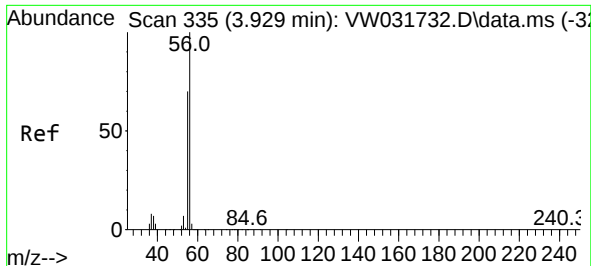
Tgt Ion: 59 Resp: 20449
Ion Ratio Lower Upper
59 100
57 10.9 9.5 14.3



#12
1,1-Dichloroethene
Concen: 20.005 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 96 Resp: 50821
Ion Ratio Lower Upper
96 100
61 155.0 135.8 203.8
98 62.0 50.4 75.6

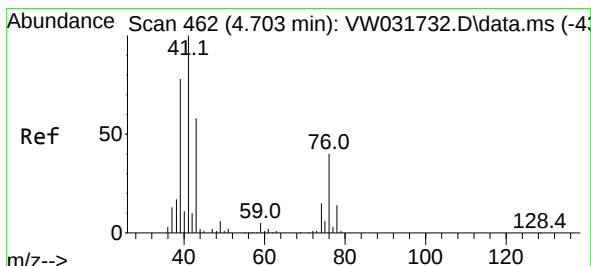
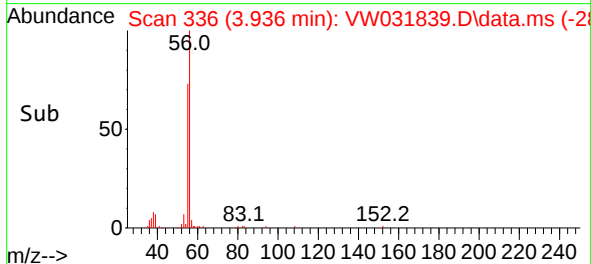
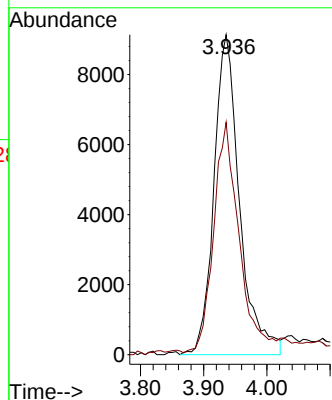
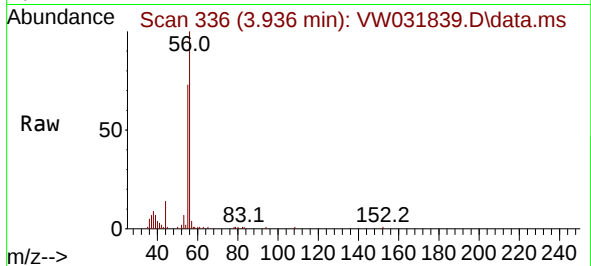




#13
Acrolein
Concen: 75.248 ug/l
RT: 3.936 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

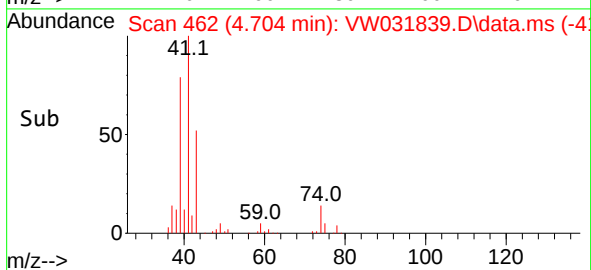
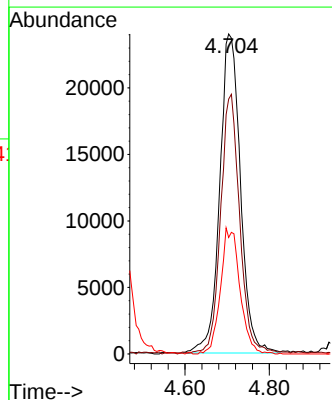
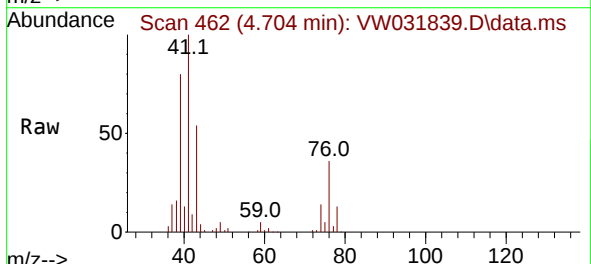
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Tgt Ion: 56 Resp: 25636
Ion Ratio Lower Upper
56 100
55 71.7 54.0 81.0



#14
Allyl chloride
Concen: 20.953 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 41 Resp: 81670
Ion Ratio Lower Upper
41 100
39 74.4 60.7 91.1
76 37.0 30.3 45.5

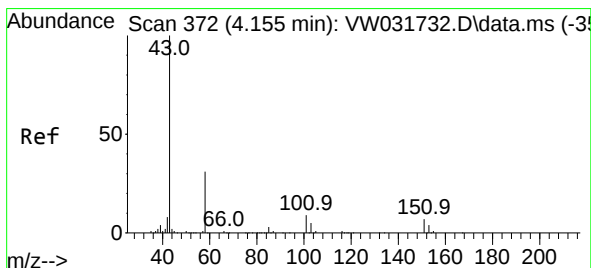
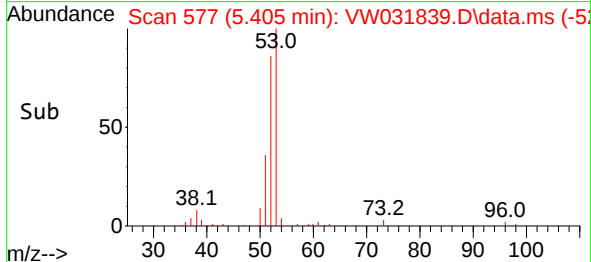
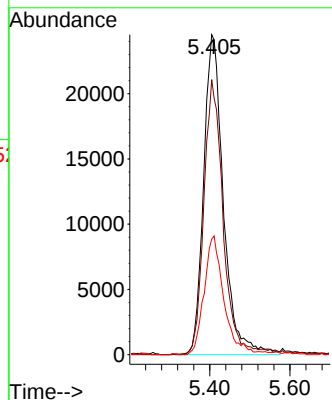
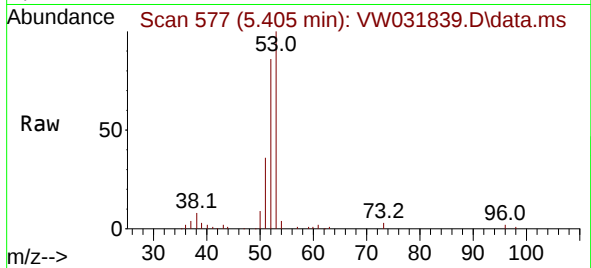




#15
Acrylonitrile
Concen: 107.608 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

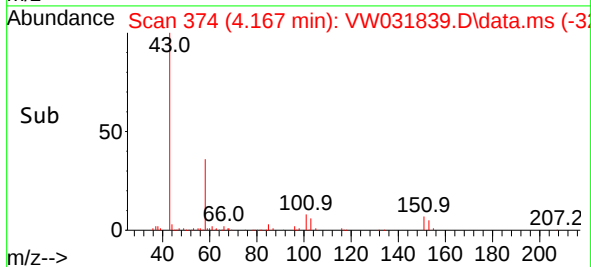
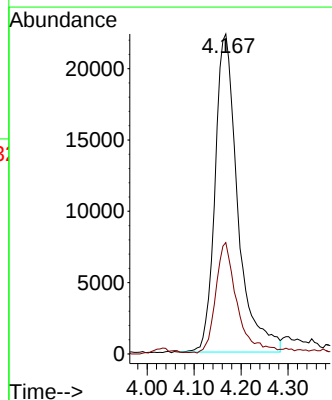
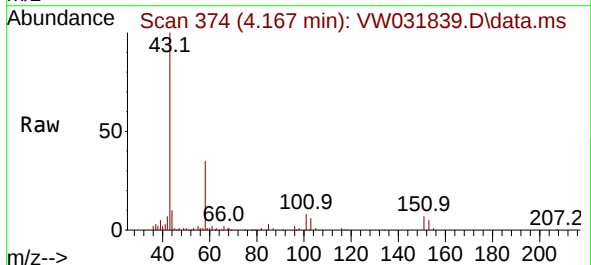
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

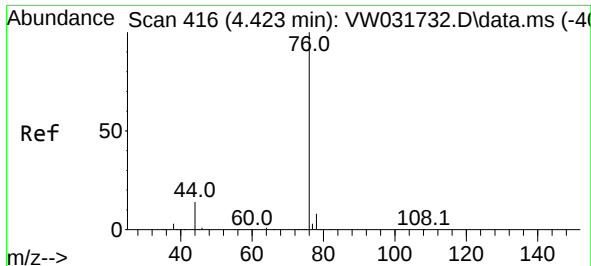
Tgt Ion: 53 Resp: 84019
Ion Ratio Lower Upper
53 100
52 83.5 66.4 99.6
51 36.8 29.9 44.9



#16
Acetone
Concen: 99.283 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.013 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 43 Resp: 75082
Ion Ratio Lower Upper
43 100
58 34.5 24.8 37.2

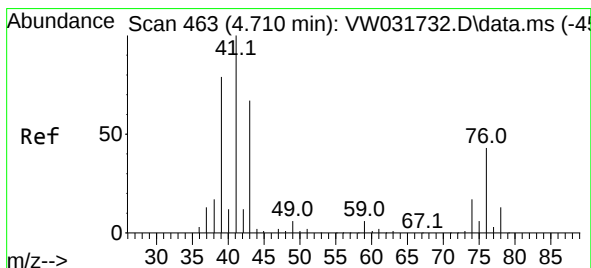
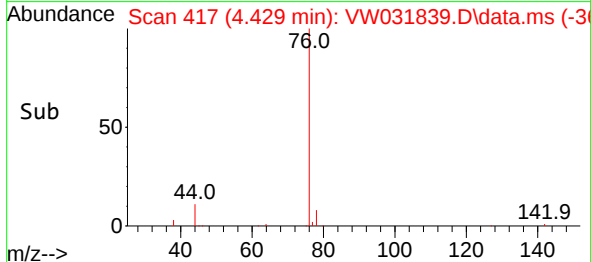
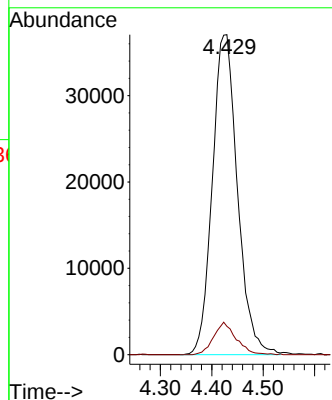
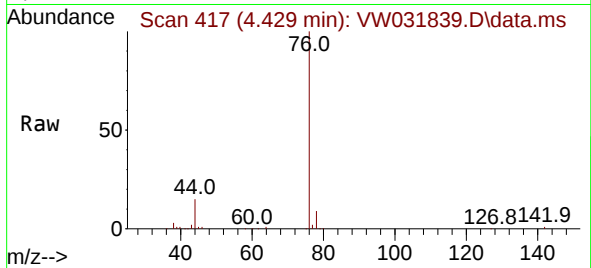




#17
Carbon Disulfide
Concen: 18.499 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

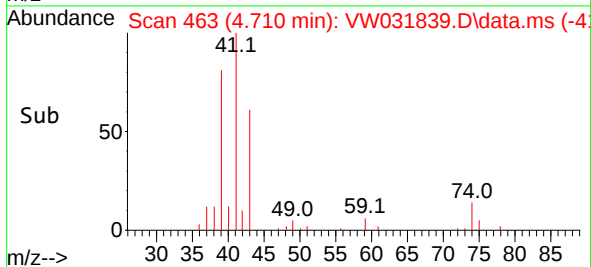
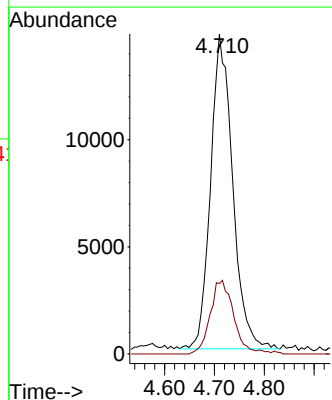
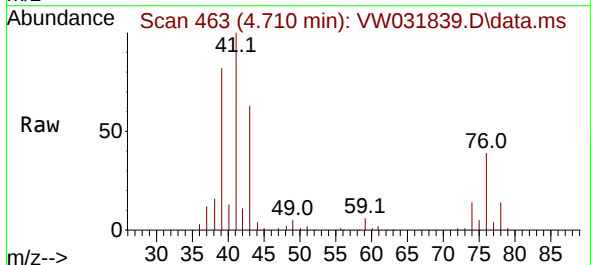
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

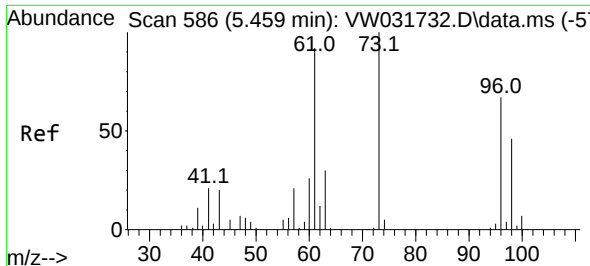
Tgt Ion: 76 Resp: 125753
Ion Ratio Lower Upper
76 100
78 8.9 6.6 10.0



#18
Methyl Acetate
Concen: 20.883 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 43 Resp: 45134
Ion Ratio Lower Upper
43 100
74 24.9 20.6 30.8

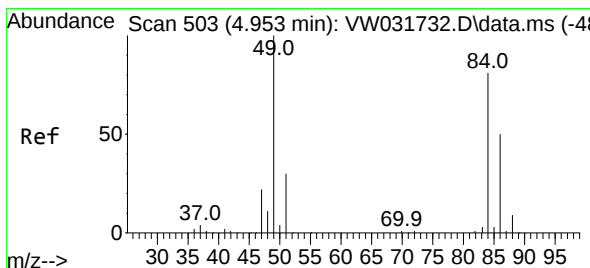
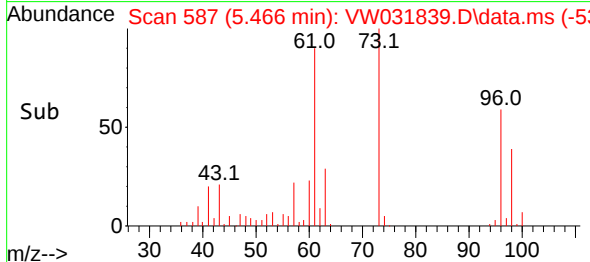
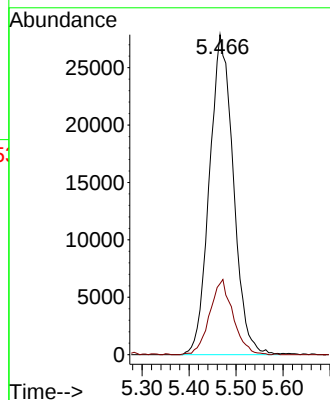
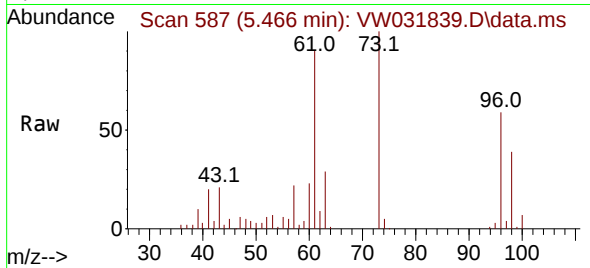




#19
Methyl tert-butyl Ether
Concen: 22.834 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

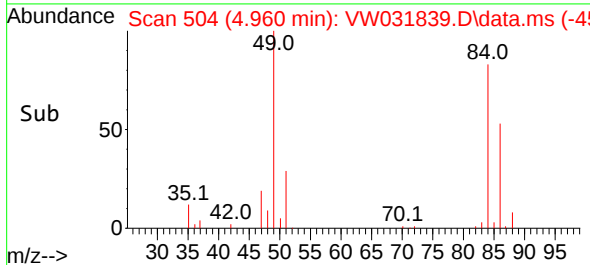
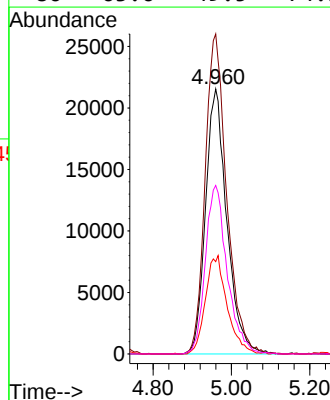
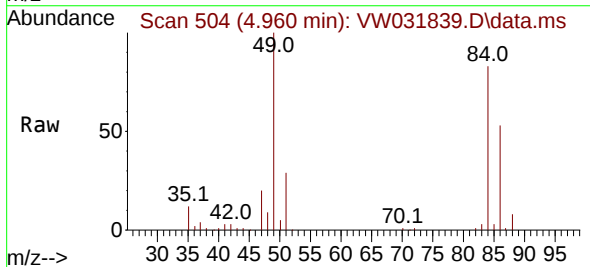
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

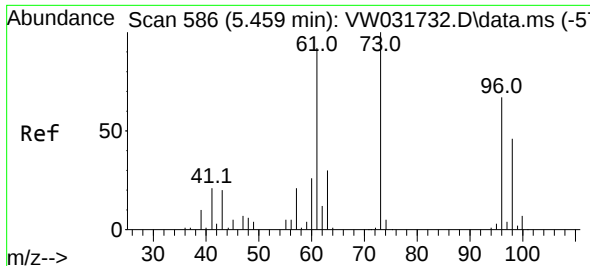
Tgt Ion: 73 Resp: 98454
Ion Ratio Lower Upper
73 100
57 22.2 17.2 25.8



#20
Methylene Chloride
Concen: 24.463 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 84 Resp: 81509
Ion Ratio Lower Upper
84 100
49 120.8 98.2 147.4
51 34.9 29.8 44.8
86 63.6 49.5 74.3

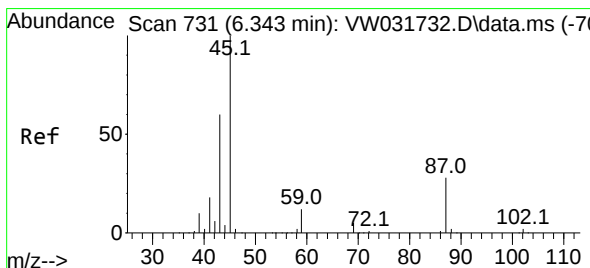
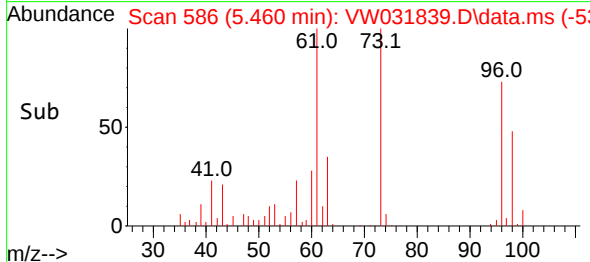
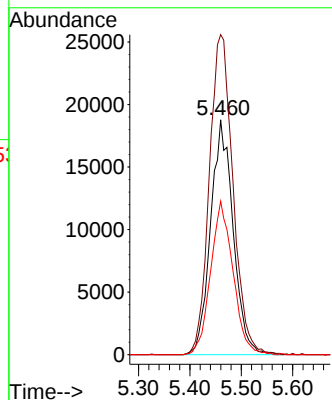
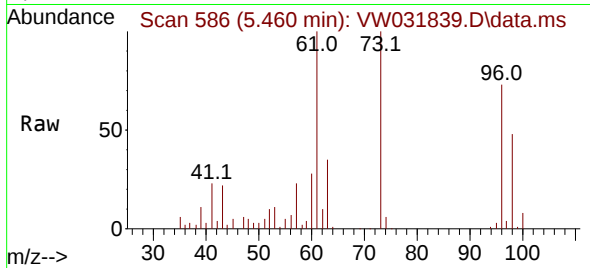




#21
trans-1,2-Dichloroethene
Concen: 21.146 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

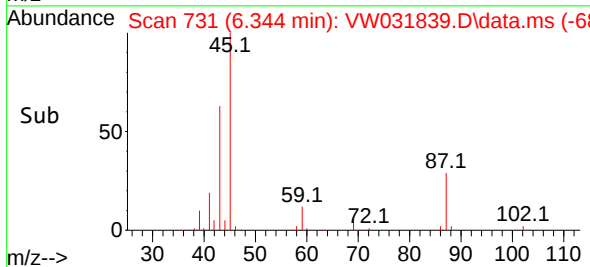
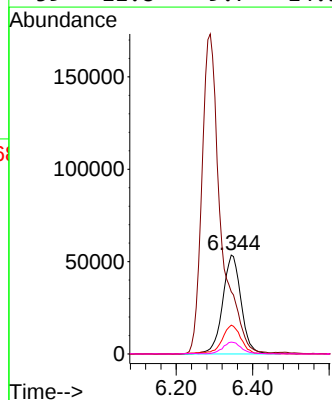
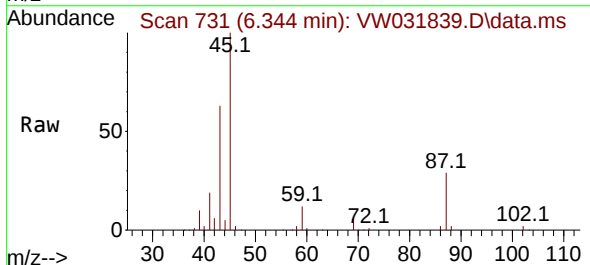
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Tgt Ion: 96 Resp: 57078
Ion Ratio Lower Upper
96 100
61 136.2 109.8 164.6
98 65.3 54.9 82.3



#22
Diisopropyl ether
Concen: 23.580 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 45 Resp: 179249
Ion Ratio Lower Upper
45 100
43 62.9 48.3 72.5
87 29.0 22.6 34.0
59 11.8 9.7 14.5

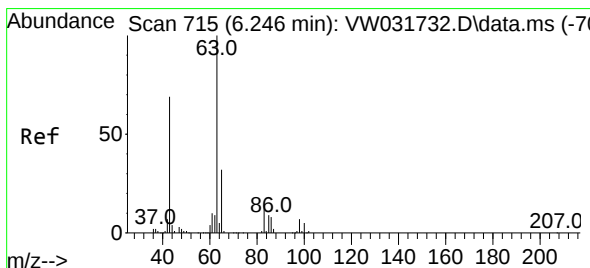
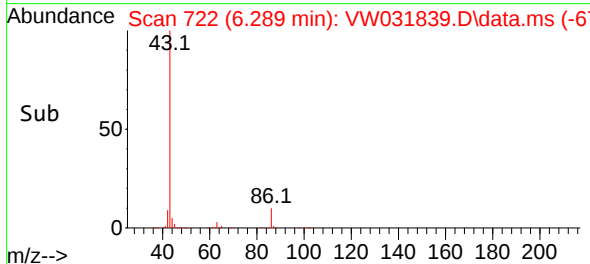
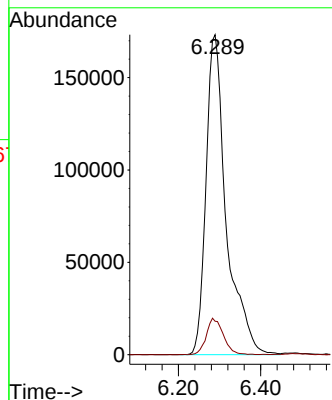
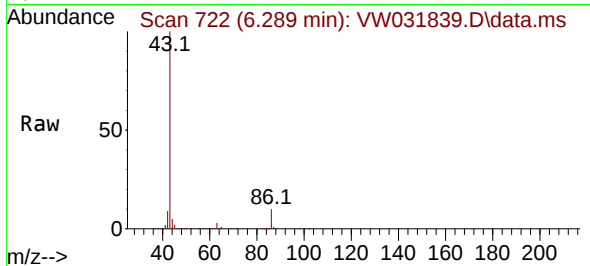




#23
 Vinyl Acetate
 Concen: 114.245 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW031839.D
 Acq: 14 Jul 2025 10:36

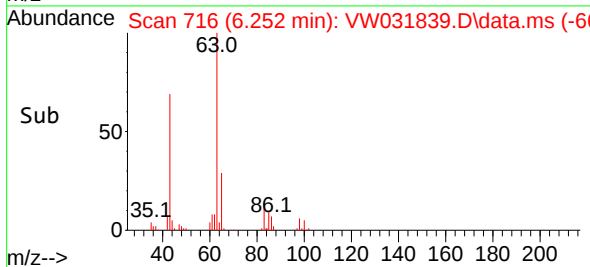
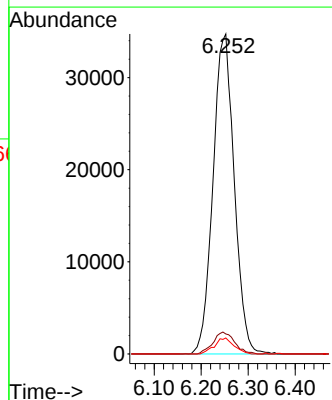
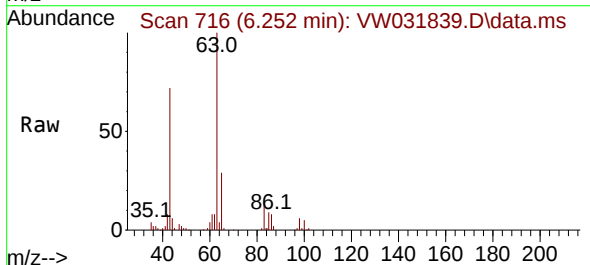
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBSD01

Tgt Ion: 43 Resp: 593190
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 22.126 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW031839.D
 Acq: 14 Jul 2025 10:36

Tgt Ion: 63 Resp: 109046
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 5.0 2.5 7.5

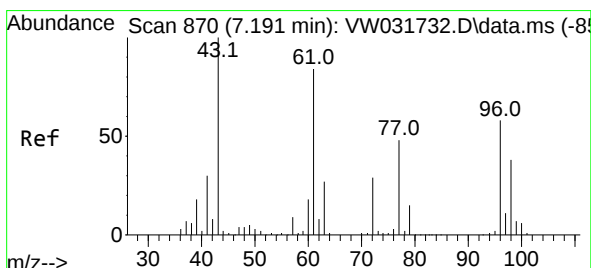
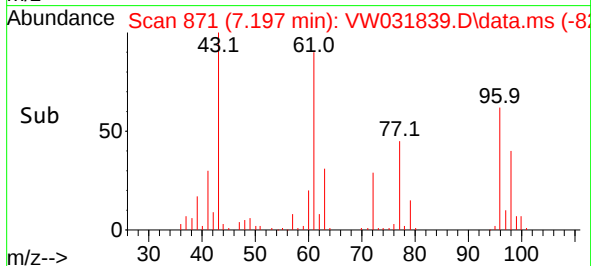
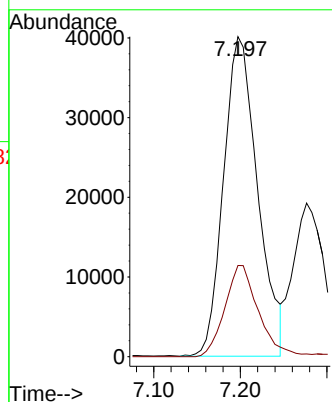
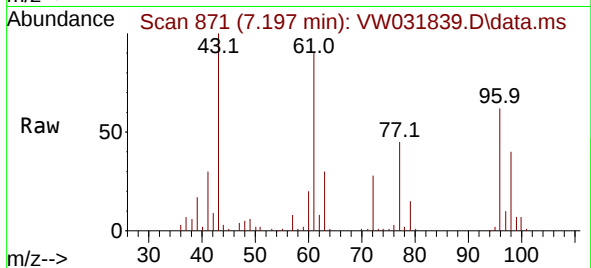




#25
2-Butanone
Concen: 111.299 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

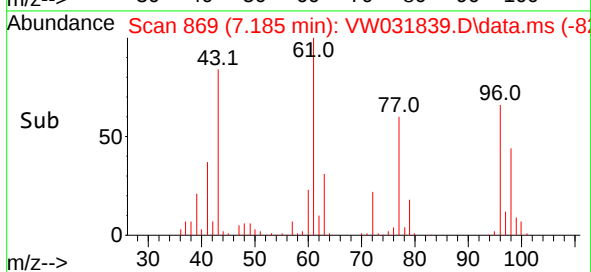
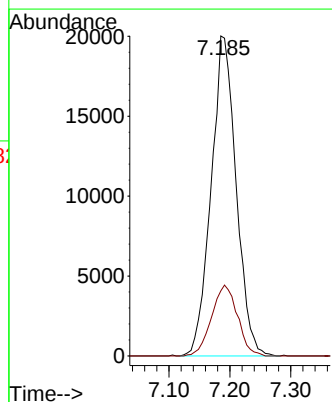
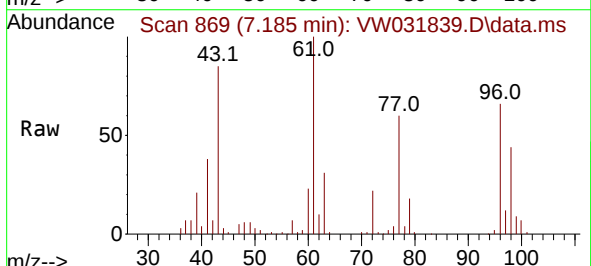
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Tgt Ion: 43 Resp: 109501
Ion Ratio Lower Upper
43 100
72 28.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 19.892 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 77 Resp: 57198
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 22.396 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

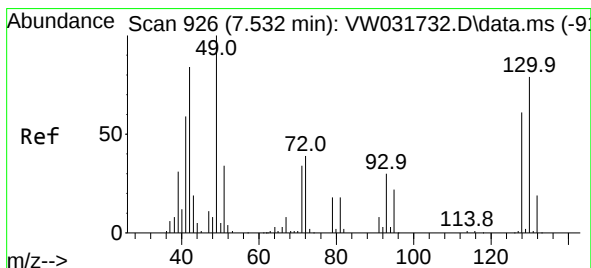
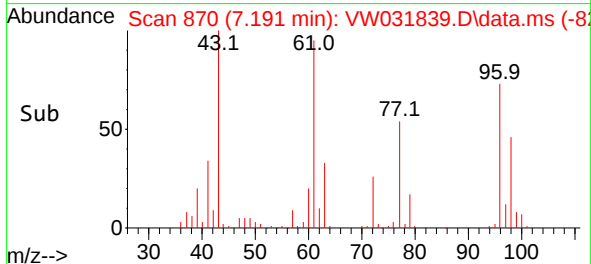
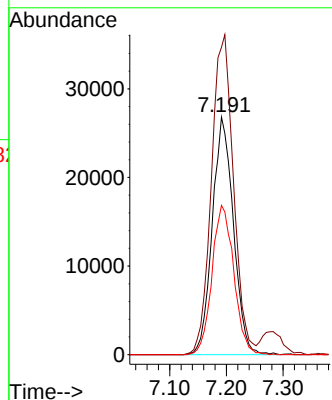
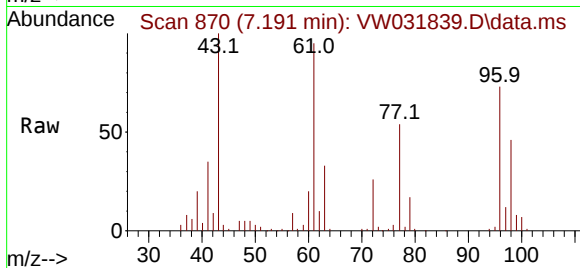
Tgt Ion: 96 Resp: 69492

Ion Ratio Lower Upper

96 100

61 140.5 0.0 286.8

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 22.885 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

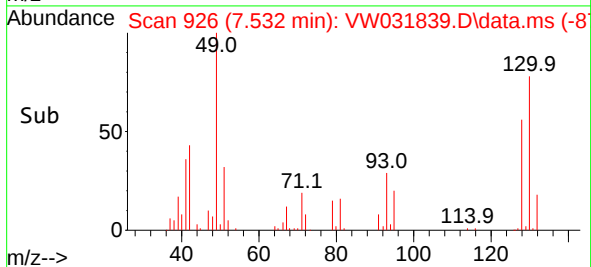
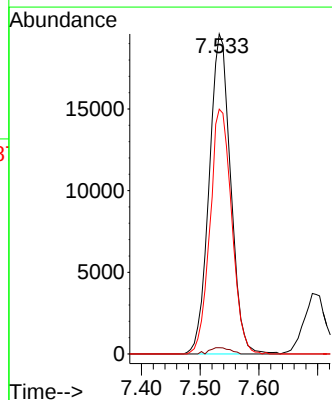
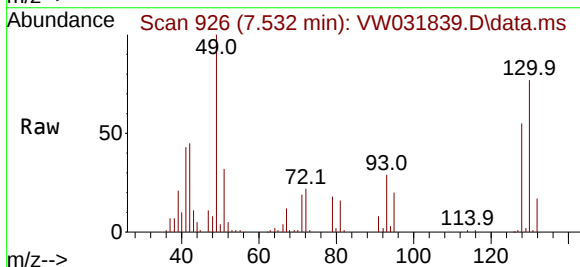
Tgt Ion: 49 Resp: 49771

Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.4

130 77.4 61.3 91.9

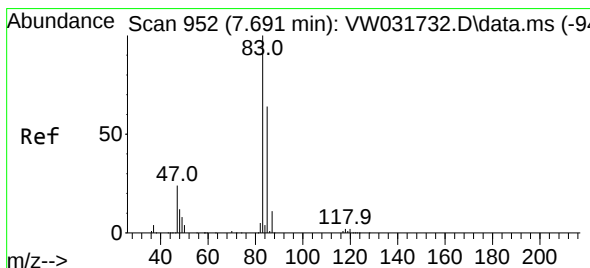
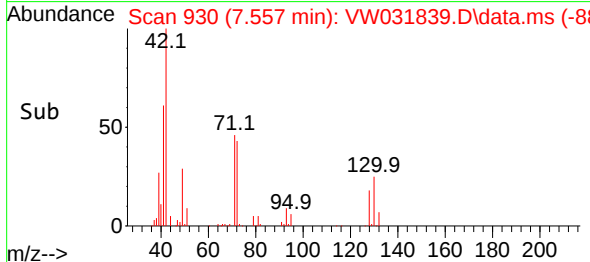
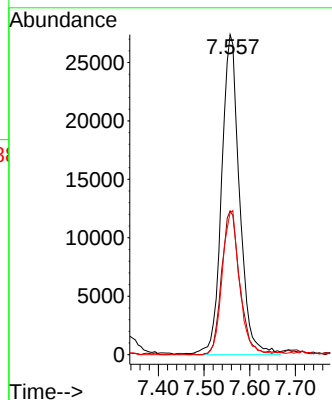
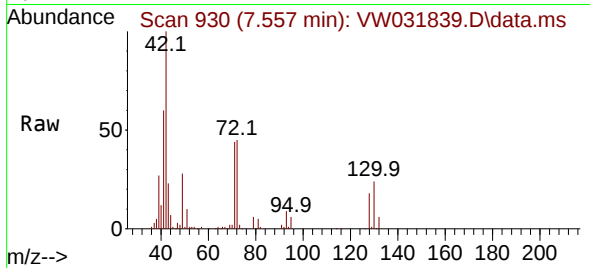




#29
Tetrahydrofuran
Concen: 110.918 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

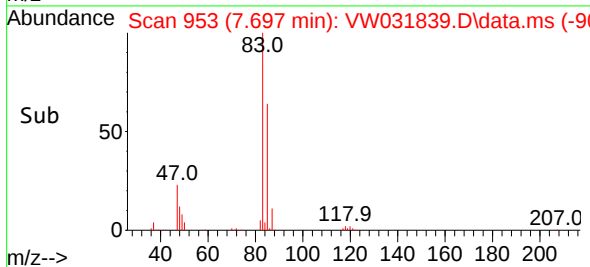
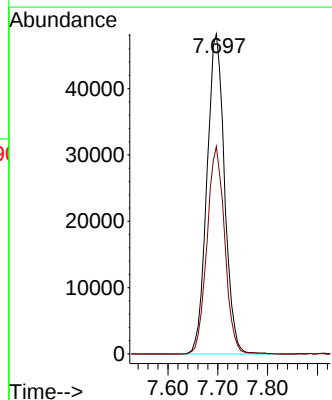
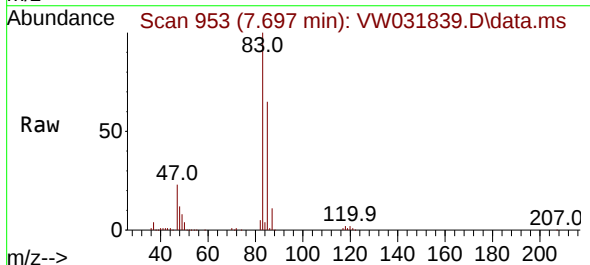
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

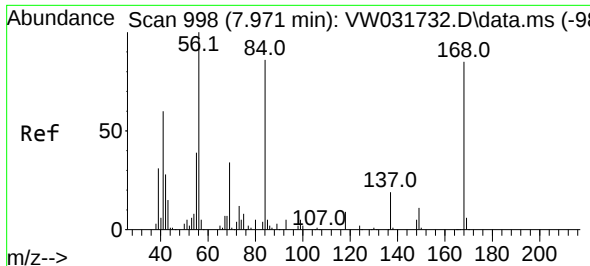
Tgt Ion: 42 Resp: 74733
Ion Ratio Lower Upper
42 100
72 45.1 36.8 55.2
71 43.5 34.6 52.0



#30
Chloroform
Concen: 22.522 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 83 Resp: 117943
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0

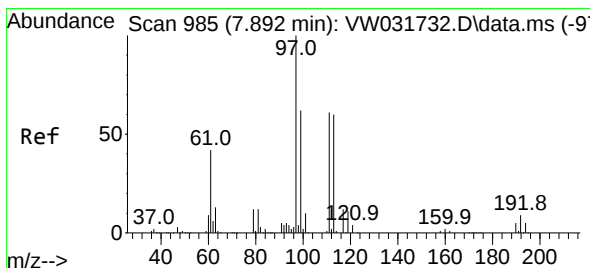
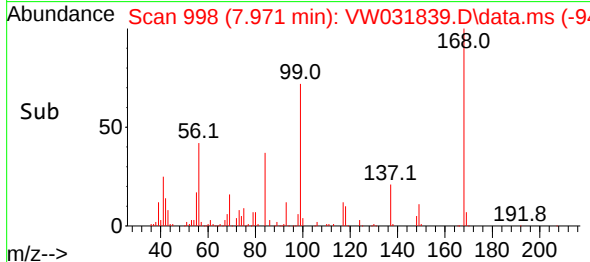
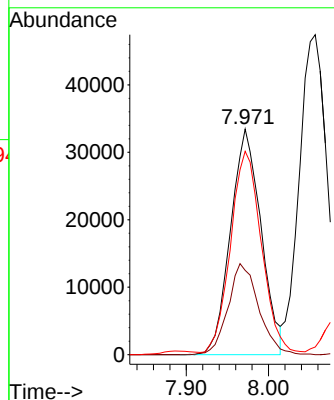
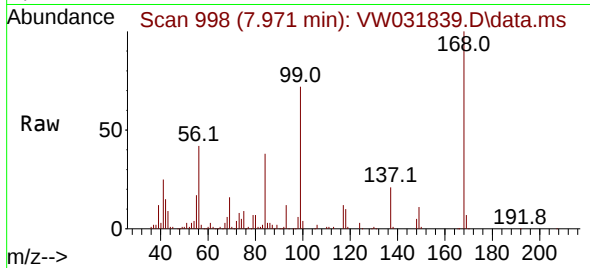




#31
Cyclohexane
Concen: 19.813 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

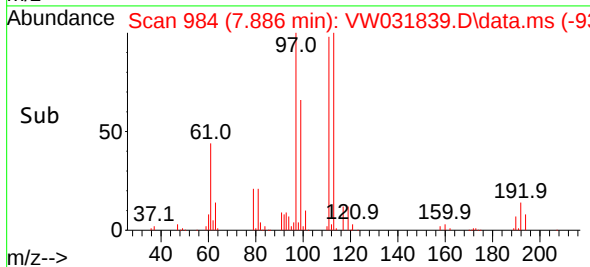
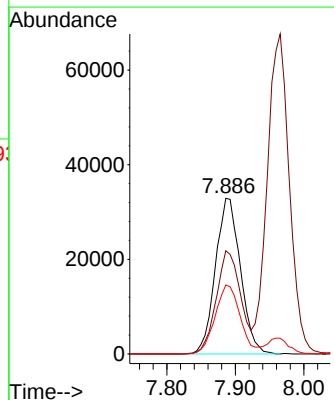
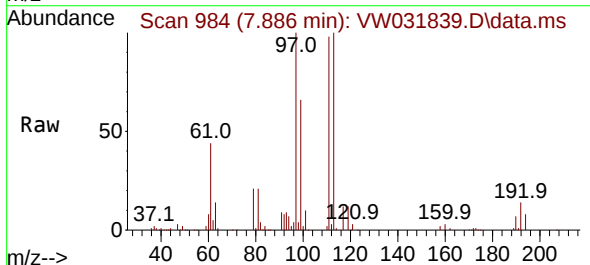
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

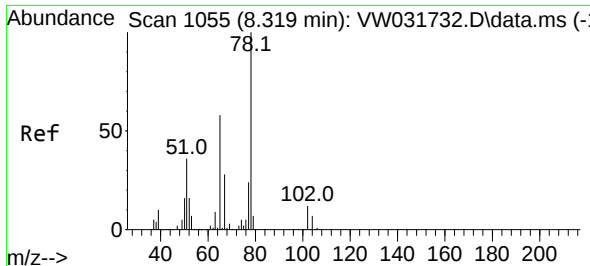
Tgt Ion: 56 Resp: 86315
Ion Ratio Lower Upper
56 100
69 37.3 27.2 40.8
84 88.6 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.601 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 97 Resp: 83140
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 44.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.195 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

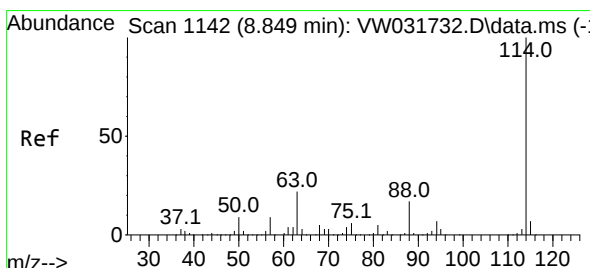
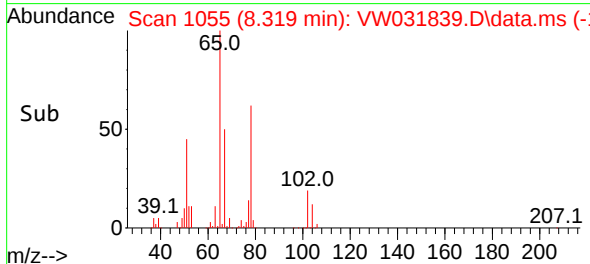
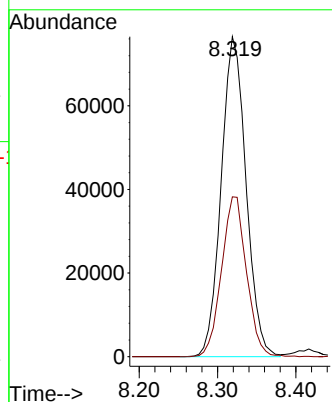
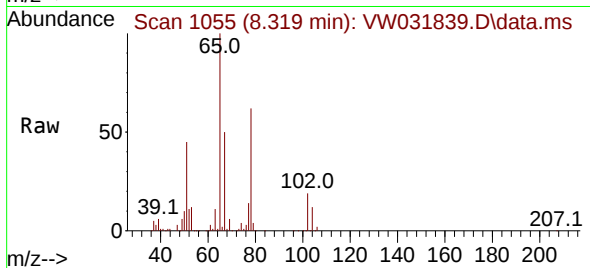
VW0714SBS01

Tgt Ion: 65 Resp: 168874

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: VW031839.D

Acq: 14 Jul 2025 10:36

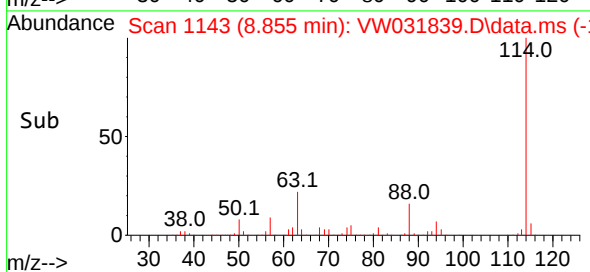
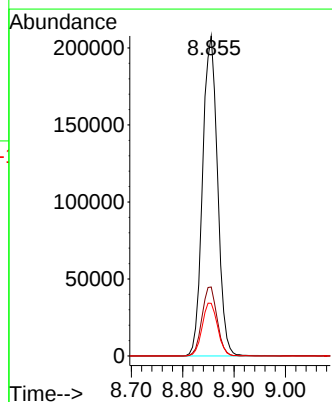
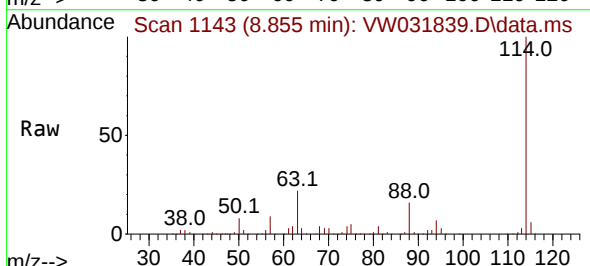
Tgt Ion: 114 Resp: 419599

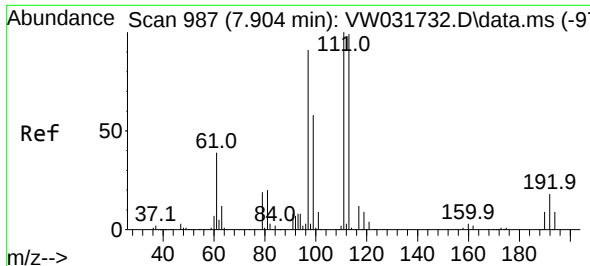
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.6

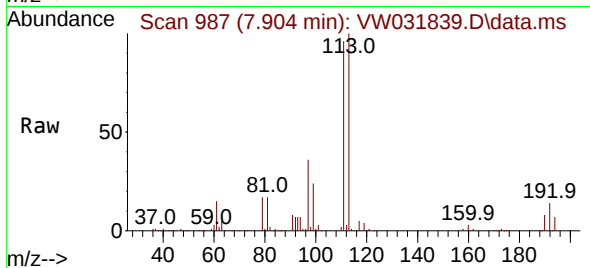
88 16.4 0.0 34.2



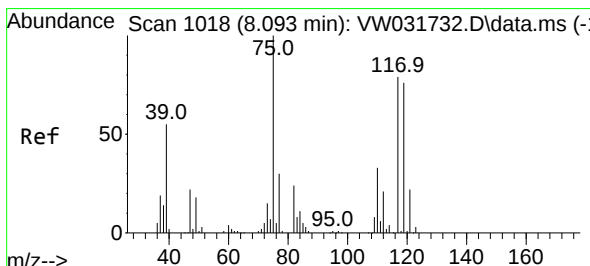
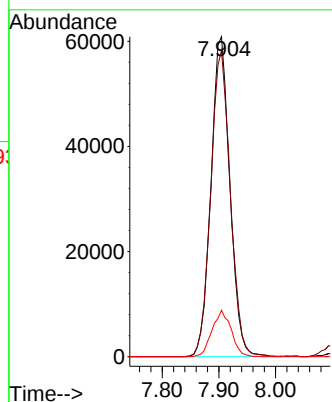
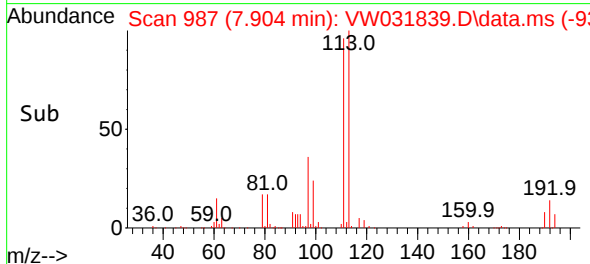


#35
 Dibromofluoromethane
 Concen: 51.674 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031839.D
 Acq: 14 Jul 2025 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBSD01

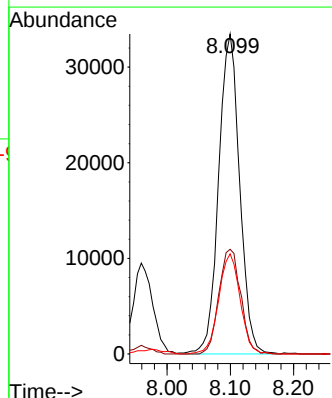
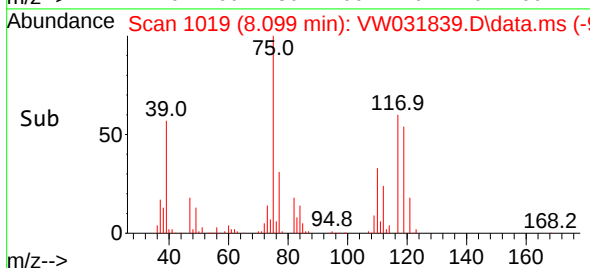
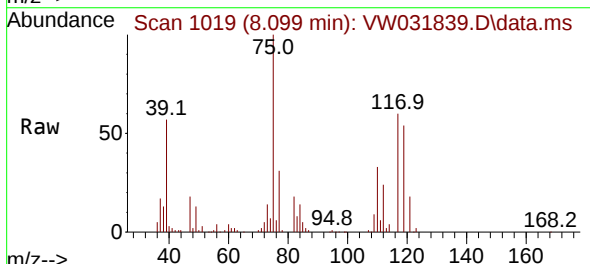


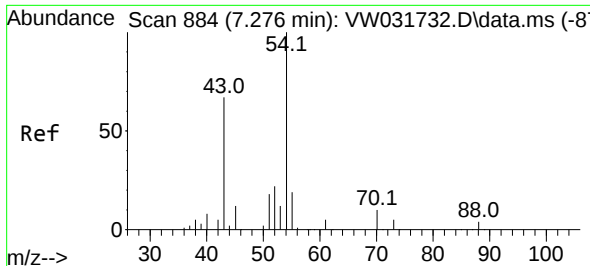
Tgt Ion:	113	Resp:	141487
Ion Ratio	Lower	Upper	
113	100		
111	98.4	82.1	123.1
192	14.6	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 19.421 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031839.D
 Acq: 14 Jul 2025 10:36

Tgt Ion:	75	Resp:	76947
Ion Ratio	Lower	Upper	
75	100		
110	33.9	16.8	50.4
77	32.0	25.0	37.6

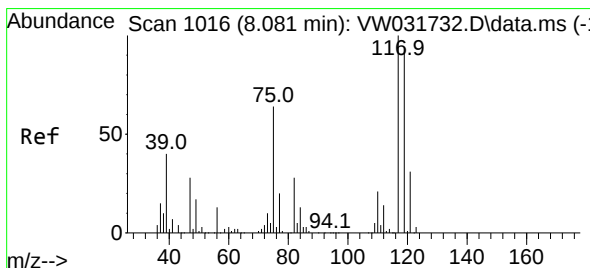
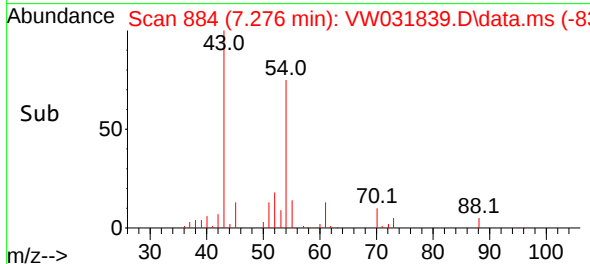
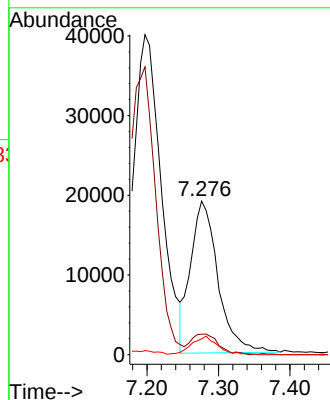
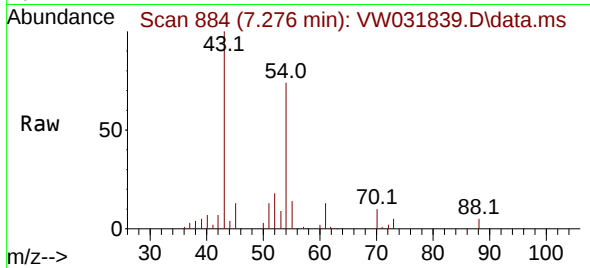




#37
Ethyl Acetate
Concen: 20.398 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

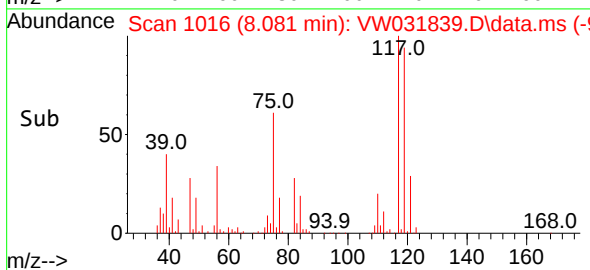
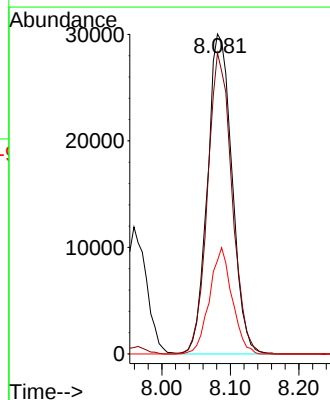
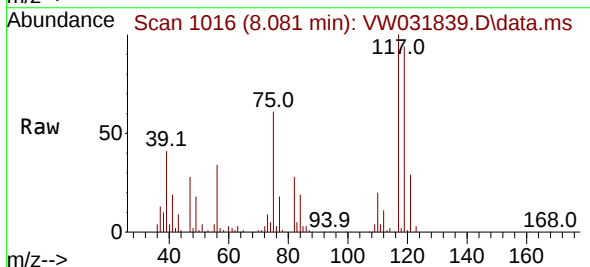
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

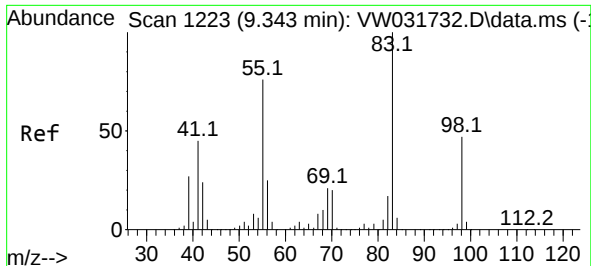
Tgt Ion:	43	Resp:	50983
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	11.4	9.2	13.8



#38
Carbon Tetrachloride
Concen: 18.549 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:	117	Resp:	74893
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.0	112.6
121	29.2	24.6	37.0

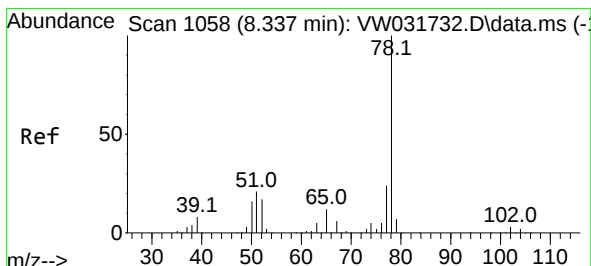
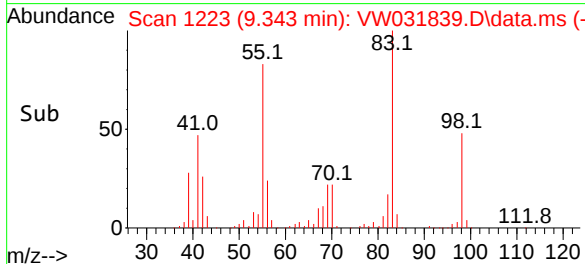
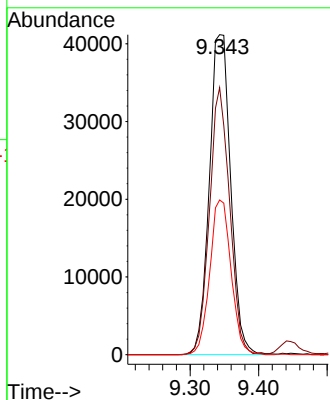
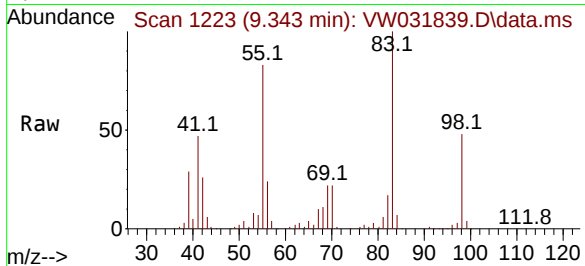




#39
Methylcyclohexane
Concen: 18.133 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

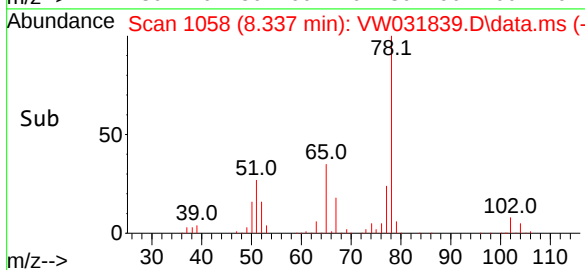
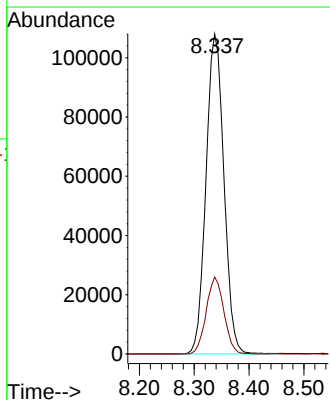
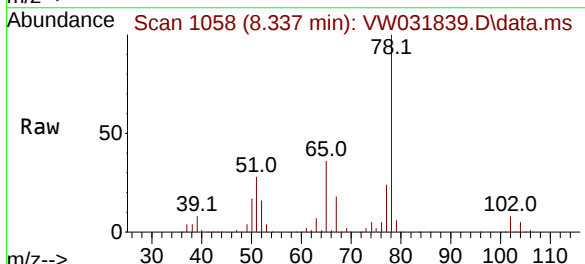
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Tgt Ion: 83 Resp: 89385
Ion Ratio Lower Upper
83 100
55 83.5 61.0 91.4
98 48.4 37.9 56.9



#40
Benzene
Concen: 20.861 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 78 Resp: 244539
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8

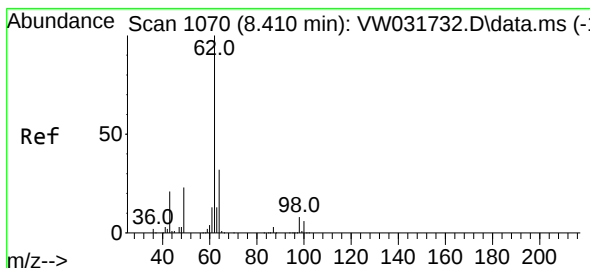
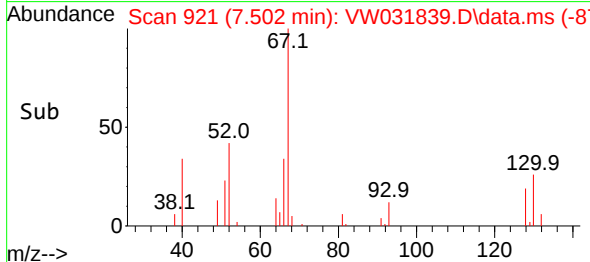
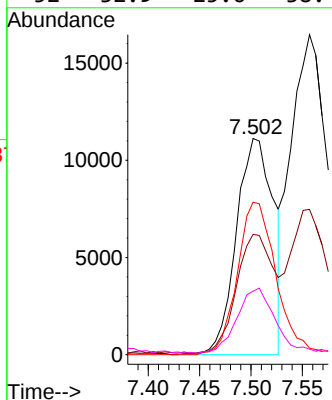
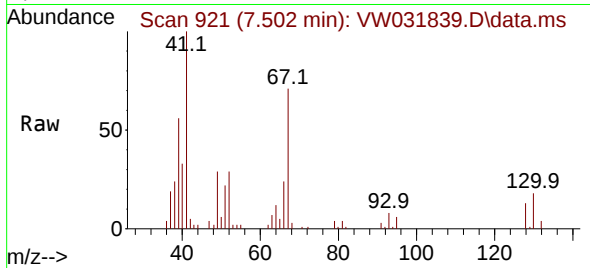




#41
Methacrylonitrile
Concen: 20.819 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

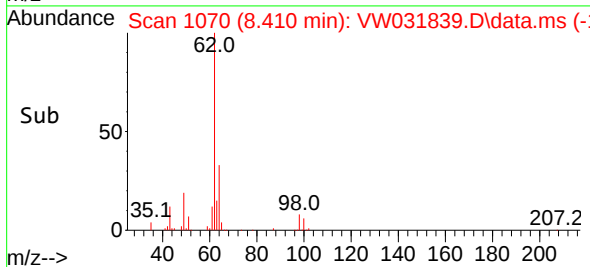
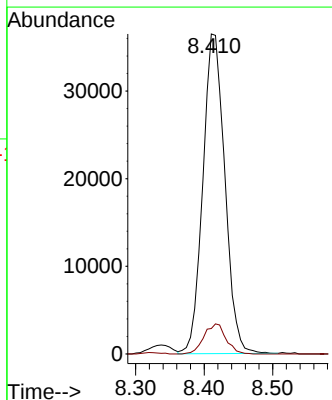
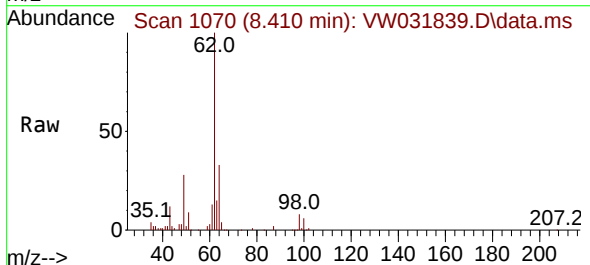
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

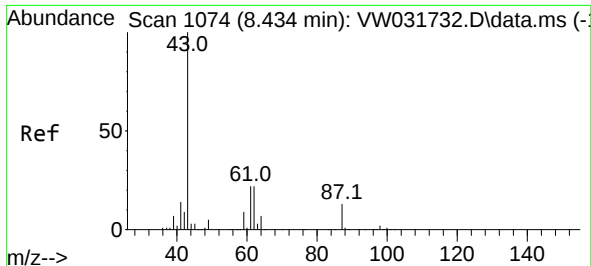
Tgt Ion:	41	Resp:	27875
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.2	64.8
67	74.8	58.1	87.1
52	32.9	25.6	38.4



#42
1,2-Dichloroethane
Concen: 20.565 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:	62	Resp:	81454
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.2

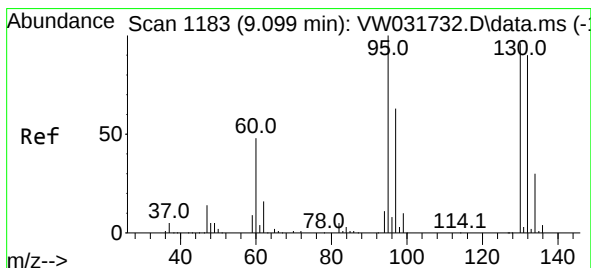
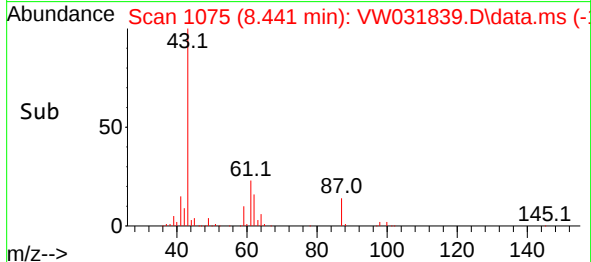
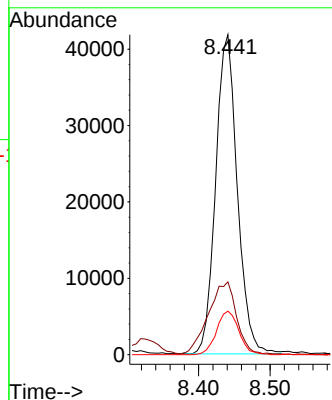
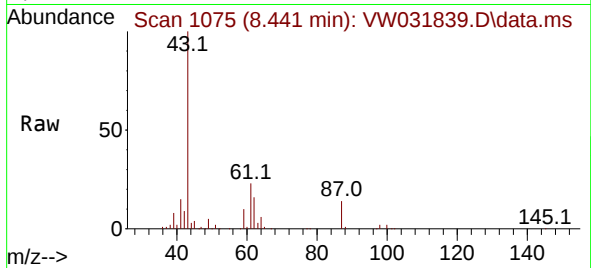




#43
Isopropyl Acetate
Concen: 20.374 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

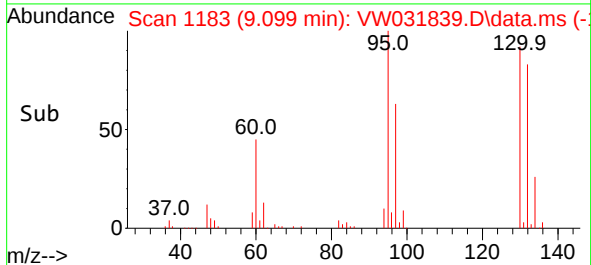
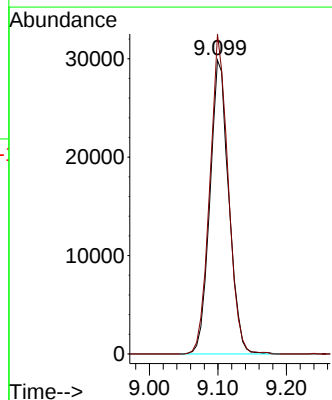
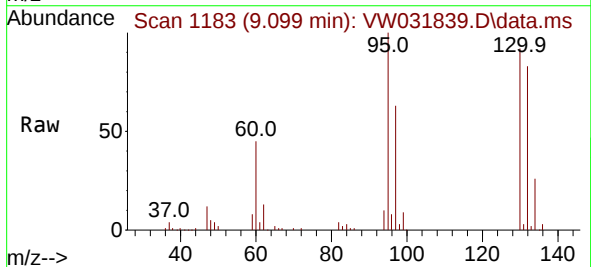
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

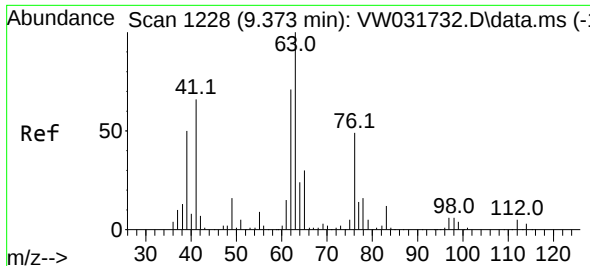
Tgt Ion: 43 Resp: 87779
Ion Ratio Lower Upper
43 100
61 30.0 23.1 34.7
87 14.1 10.8 16.2



#44
Trichloroethene
Concen: 19.486 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:130 Resp: 57013
Ion Ratio Lower Upper
130 100
95 109.0 0.0 208.6

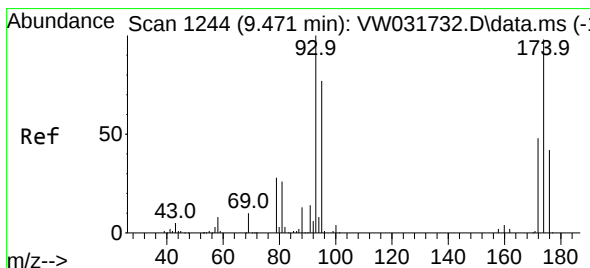
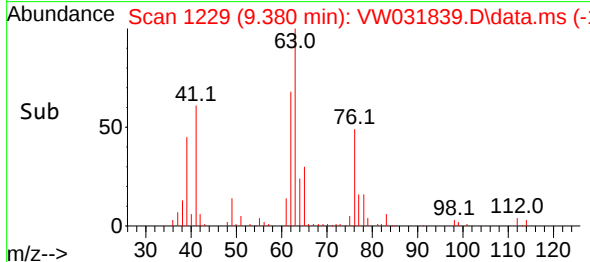
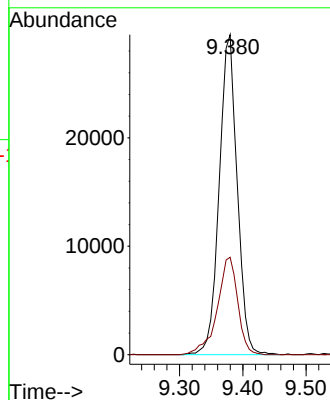
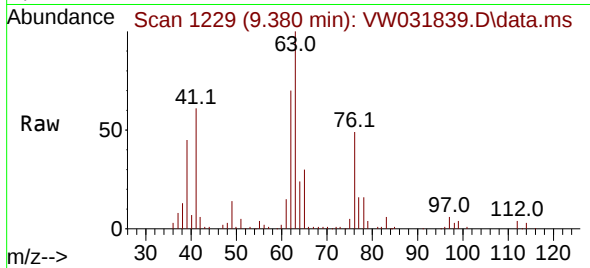




#45
1,2-Dichloropropane
Concen: 20.457 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

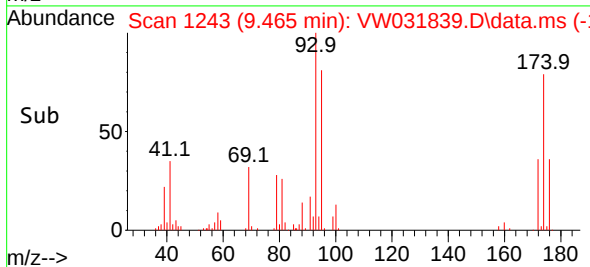
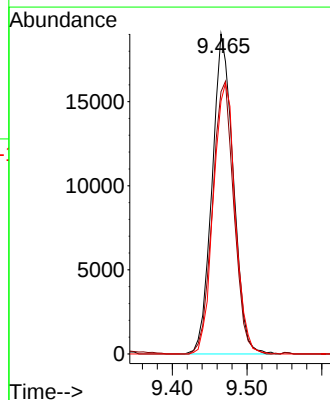
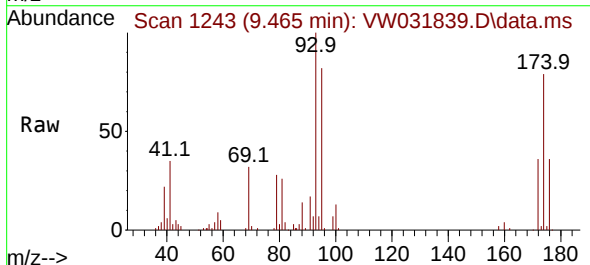
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

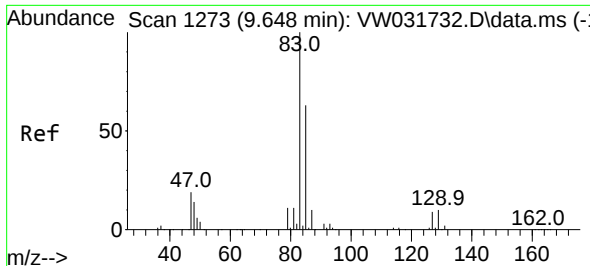
Tgt Ion: 63 Resp: 57958
Ion Ratio Lower Upper
63 100
65 30.4 24.2 36.4



#46
Dibromomethane
Concen: 20.637 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 93 Resp: 37747
Ion Ratio Lower Upper
93 100
95 85.4 67.0 100.4
174 86.4 71.7 107.5

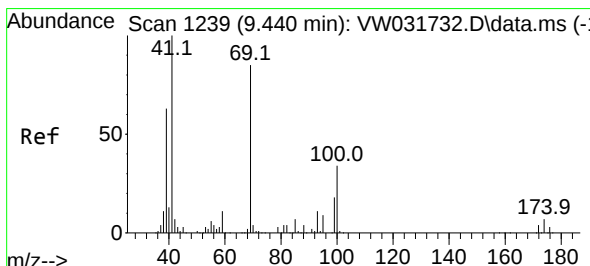
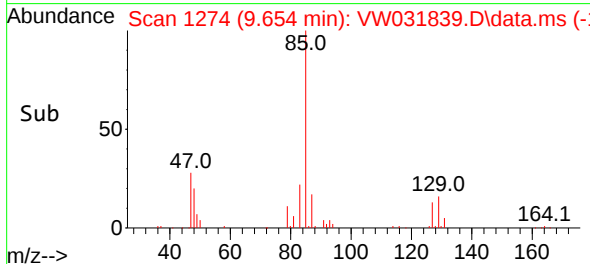
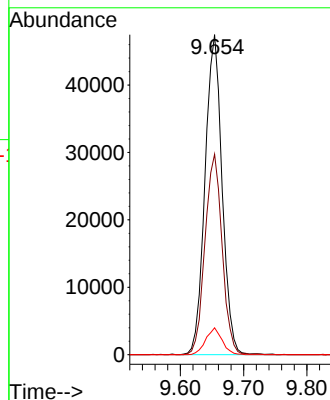
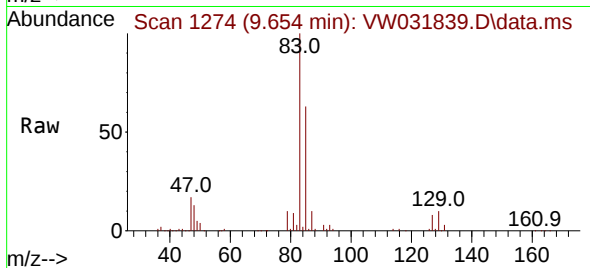




#47
Bromodichloromethane
Concen: 20.783 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

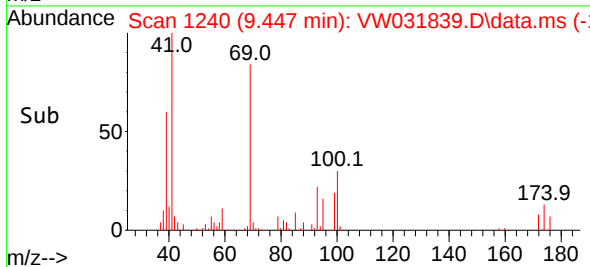
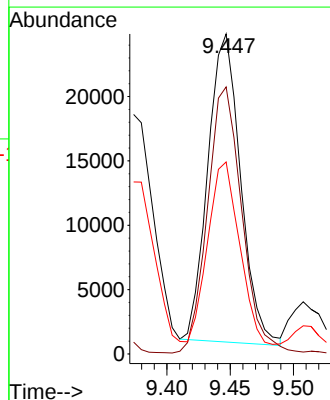
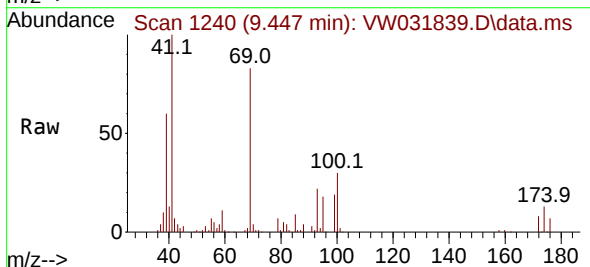
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

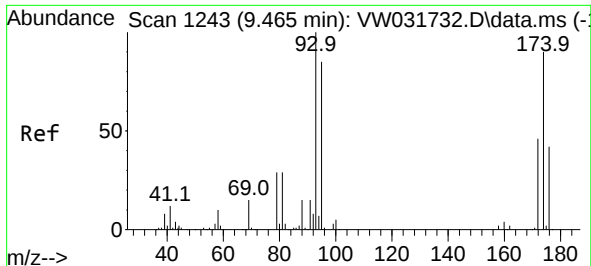
Tgt Ion: 83 Resp: 89141
Ion Ratio Lower Upper
83 100
85 62.7 50.8 76.2
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 20.309 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 41 Resp: 43023
Ion Ratio Lower Upper
41 100
69 91.0 71.6 107.4
39 57.8 49.5 74.3





#49

1,4-Dioxane

Concen: 431.465 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

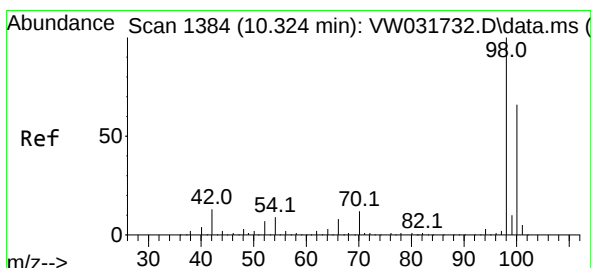
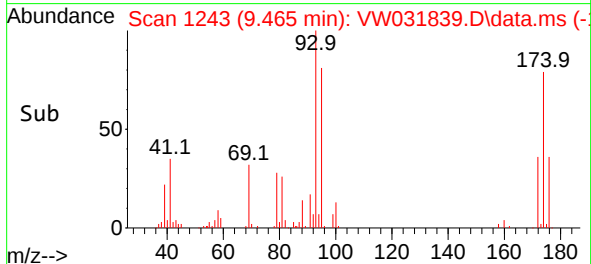
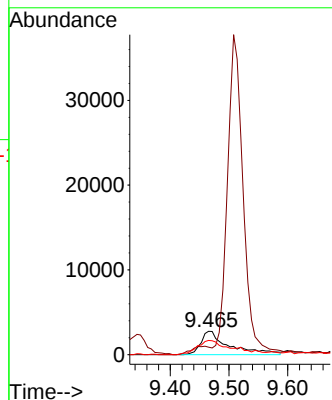
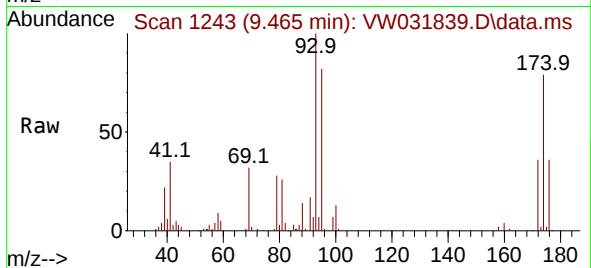
Tgt Ion: 88 Resp: 9243

Ion Ratio Lower Upper

88 100

43 25.7 0.0 0.0#

58 69.2 58.3 87.5



#50

Toluene-d8

Concen: 50.505 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031839.D

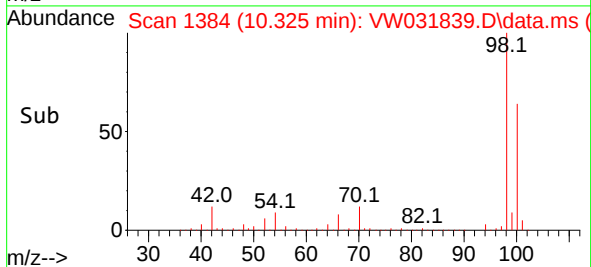
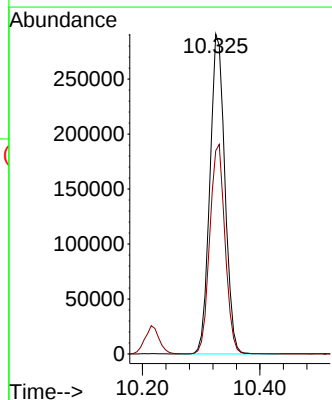
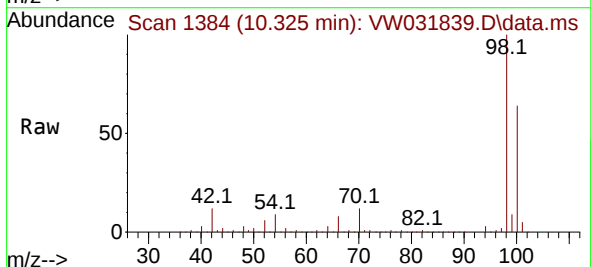
Acq: 14 Jul 2025 10:36

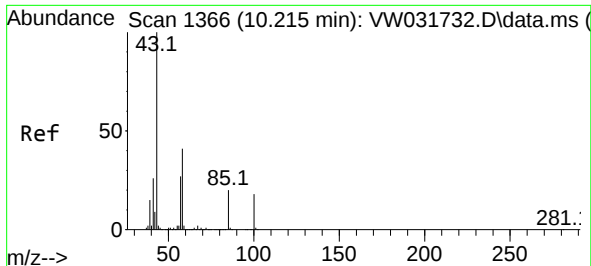
Tgt Ion: 98 Resp: 514621

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4

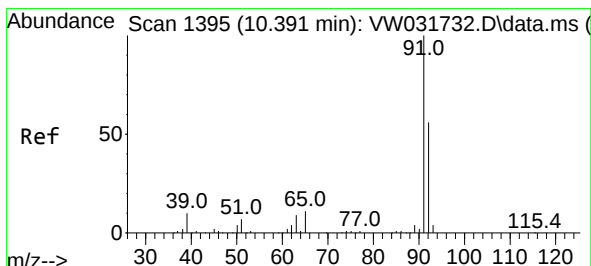
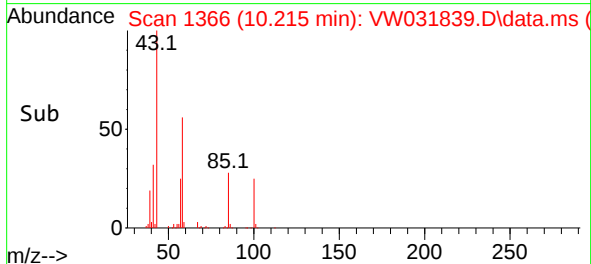
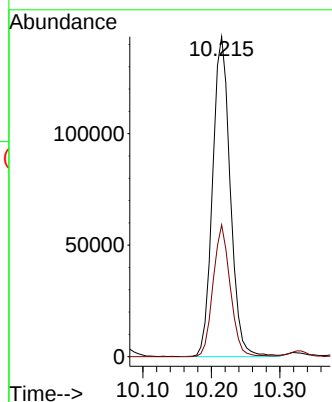
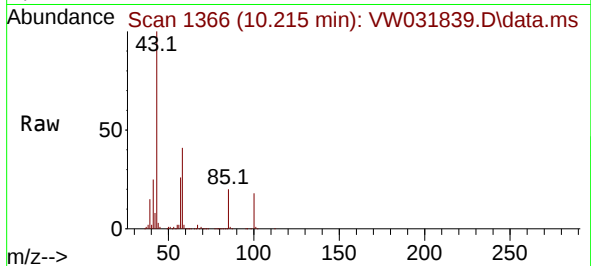




#51
4-Methyl-2-Pentanone
Concen: 103.684 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

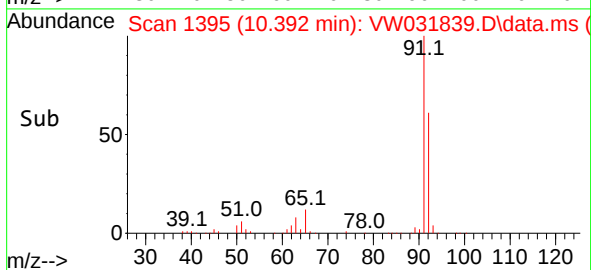
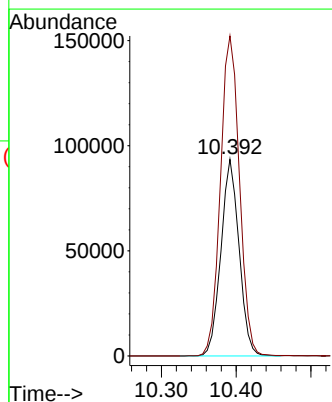
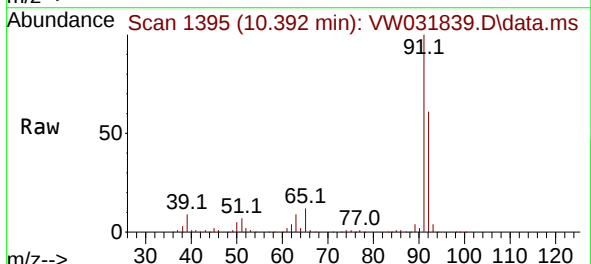
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Tgt Ion: 43 Resp: 256818
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 21.053 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 92 Resp: 158007
Ion Ratio Lower Upper
92 100
91 171.1 139.5 209.3

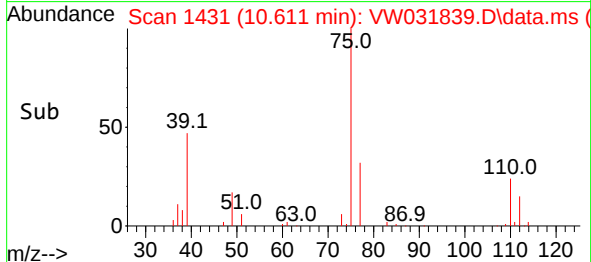
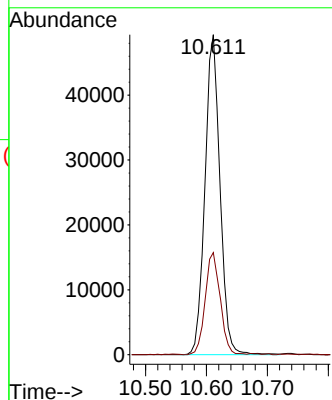
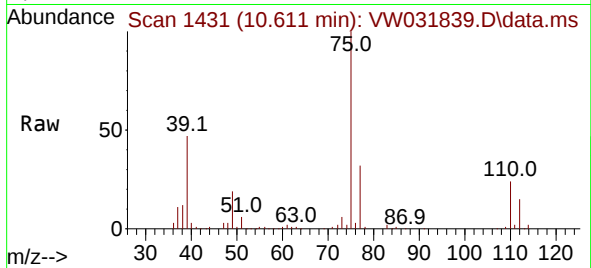




#53
t-1,3-Dichloropropene
Concen: 21.011 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

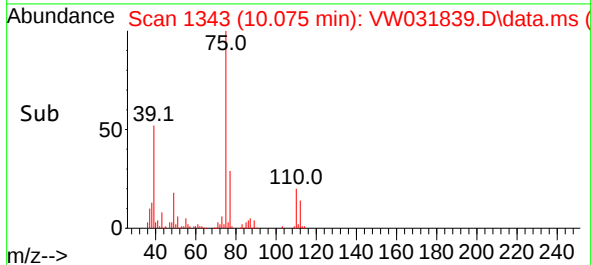
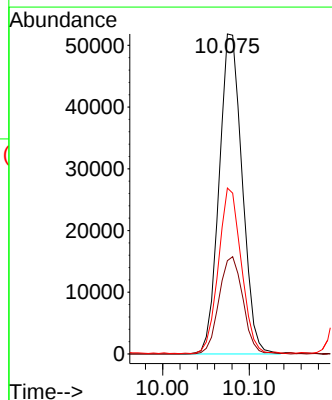
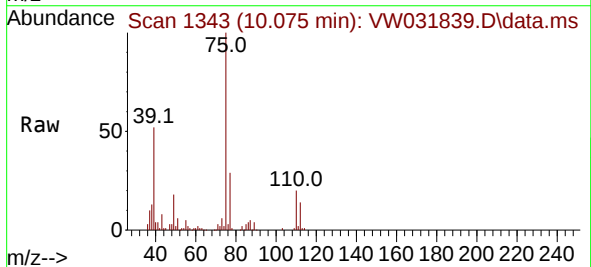
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

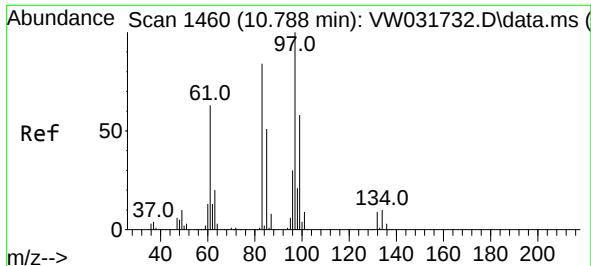
Tgt Ion: 75 Resp: 84553
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 20.992 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 75 Resp: 95766
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.2
39 51.7 41.8 62.6

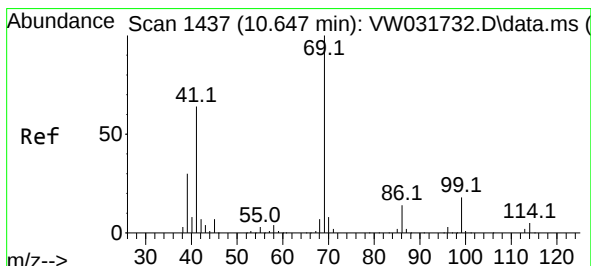
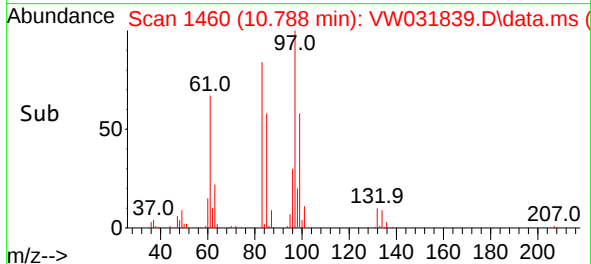
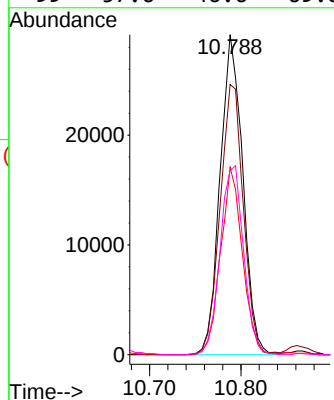
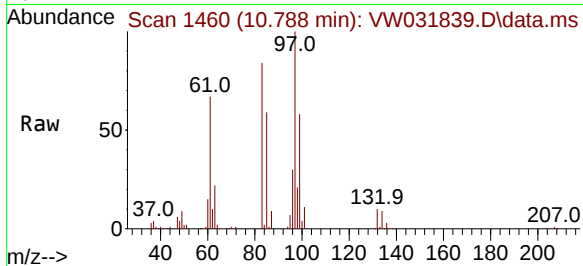




#55
1,1,2-Trichloroethane
Concen: 20.983 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

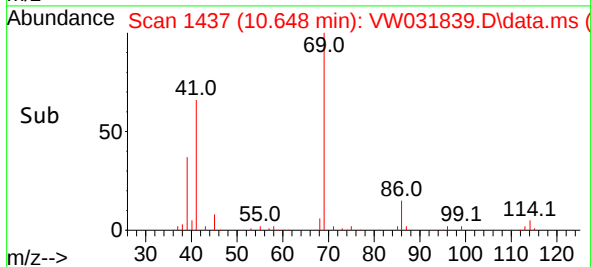
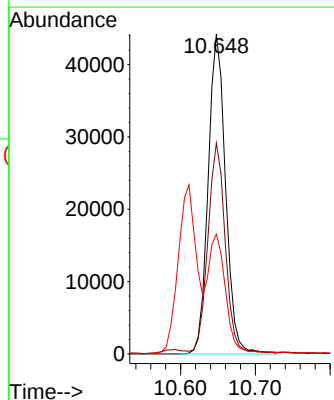
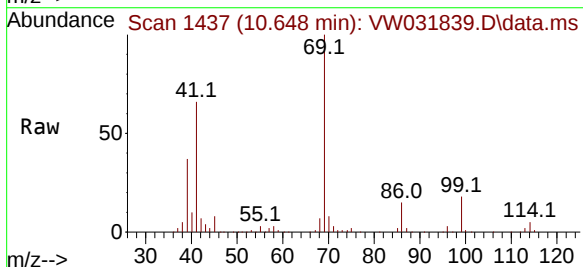
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

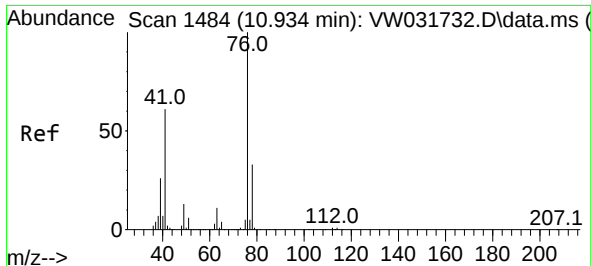
Tgt Ion:	97	Resp:	50275
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.9	100.3
85	58.5	41.1	61.7
99	57.6	46.6	69.8



#56
Ethyl methacrylate
Concen: 22.056 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:	69	Resp:	71692
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.3	79.9
39	35.7	30.2	45.2





#57

1,3-Dichloropropane

Concen: 21.398 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

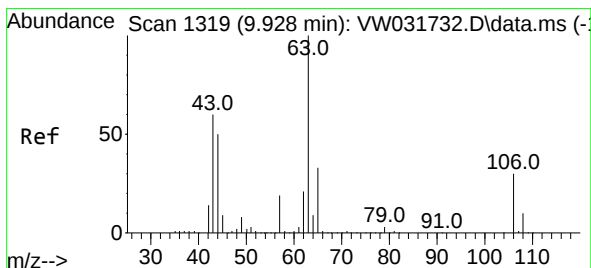
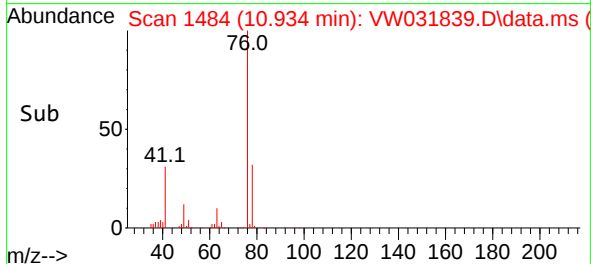
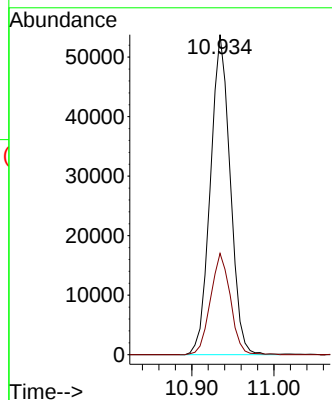
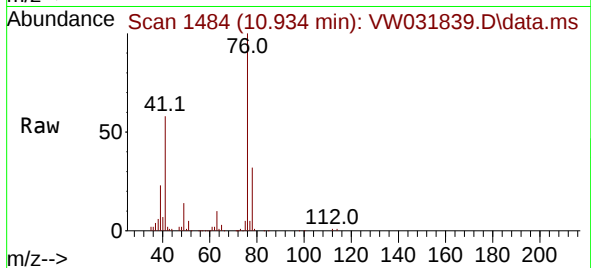
VW0714SBSD01

Tgt Ion: 76 Resp: 90014

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.059 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031839.D

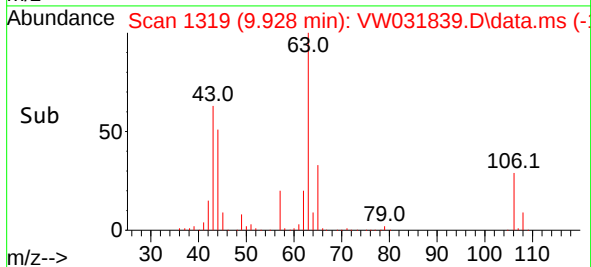
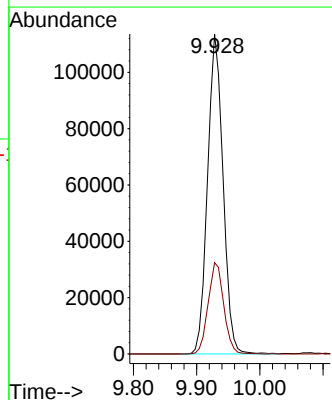
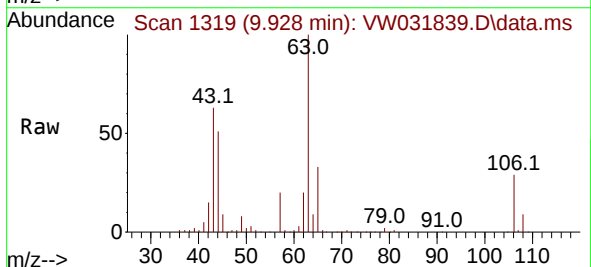
Acq: 14 Jul 2025 10:36

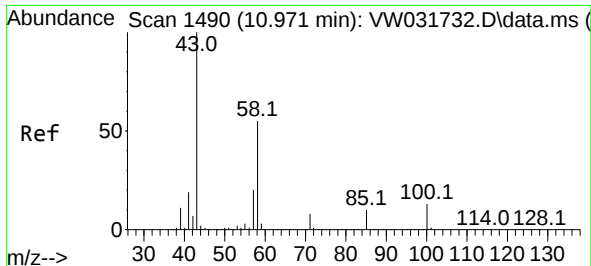
Tgt Ion: 63 Resp: 193414

Ion Ratio Lower Upper

63 100

106 28.8 24.1 36.1

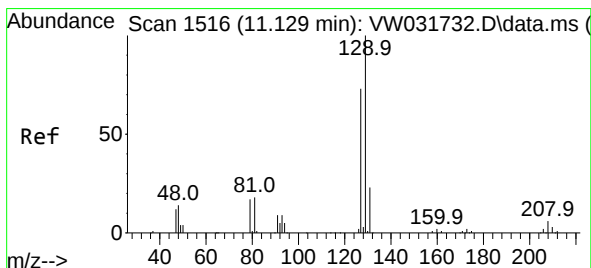
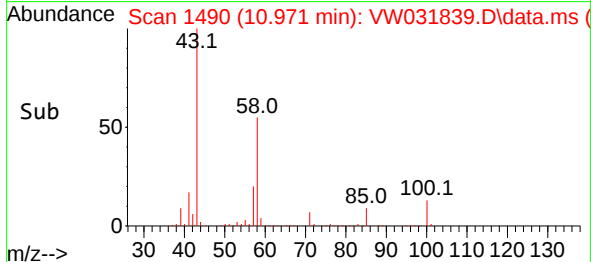
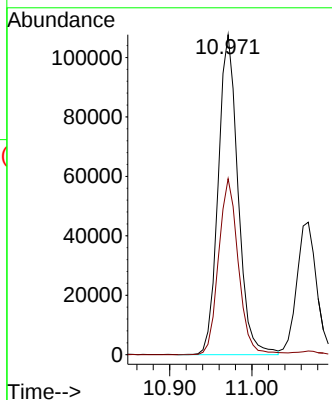
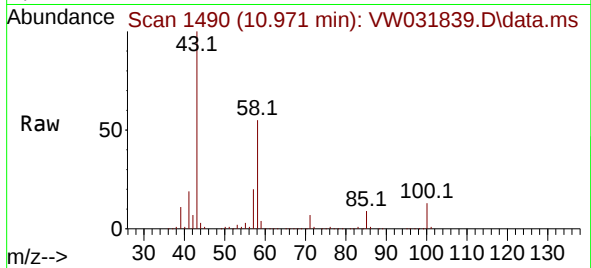




#59
2-Hexanone
Concen: 107.289 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

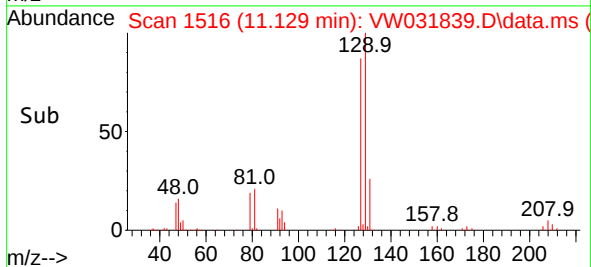
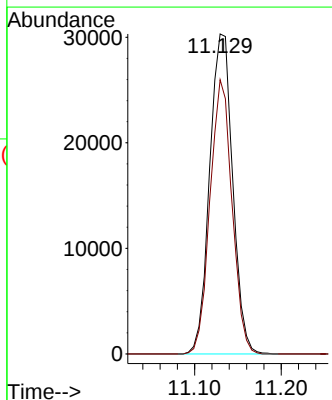
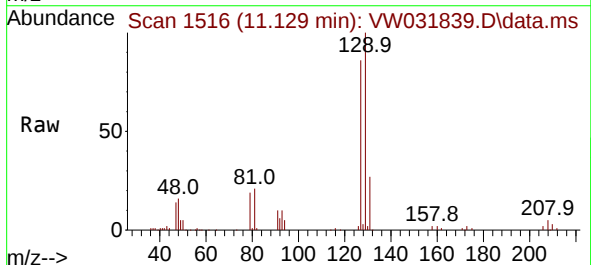
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

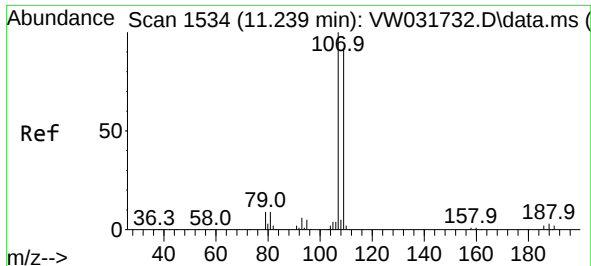
Tgt Ion: 43 Resp: 180082
Ion Ratio Lower Upper
43 100
58 55.0 27.9 83.6



#60
Dibromochloromethane
Concen: 19.523 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:129 Resp: 55936
Ion Ratio Lower Upper
129 100
127 82.0 38.0 114.1

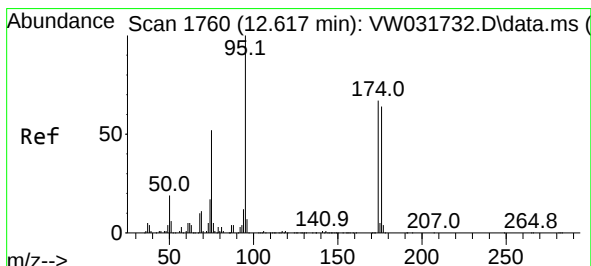
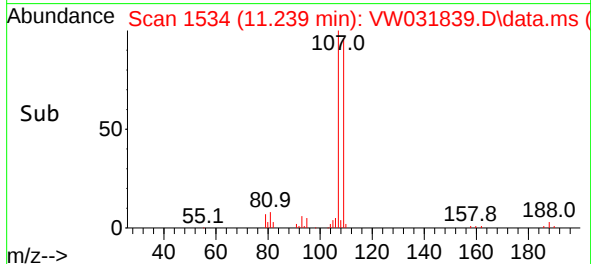
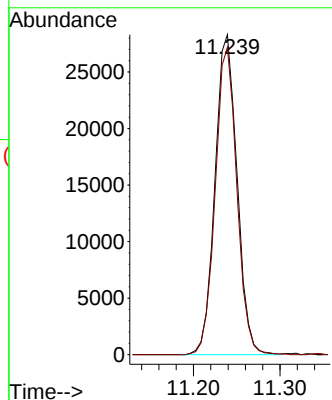
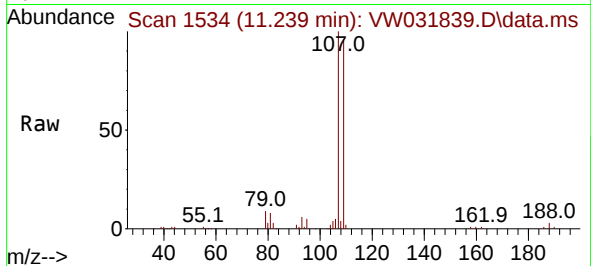




#61
1,2-Dibromoethane
Concen: 20.843 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

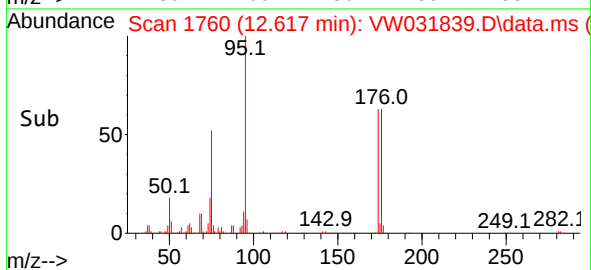
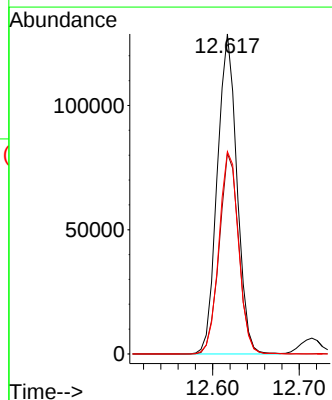
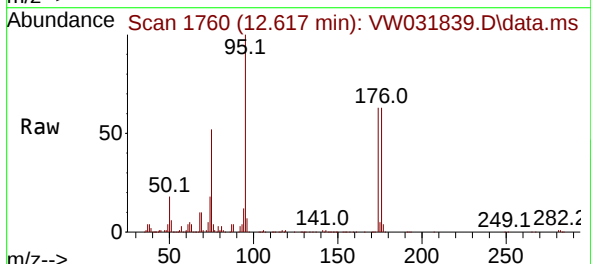
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

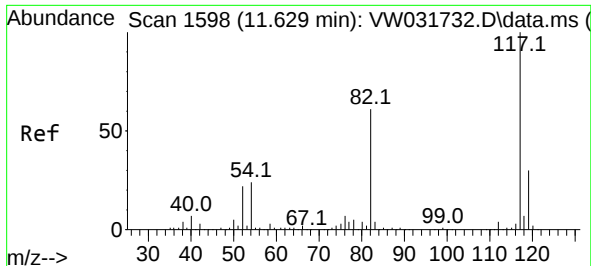
Tgt Ion:107 Resp: 49994
Ion Ratio Lower Upper
107 100
109 94.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 54.118 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 95 Resp: 202927
Ion Ratio Lower Upper
95 100
174 62.3 0.0 133.8
176 63.1 0.0 126.0

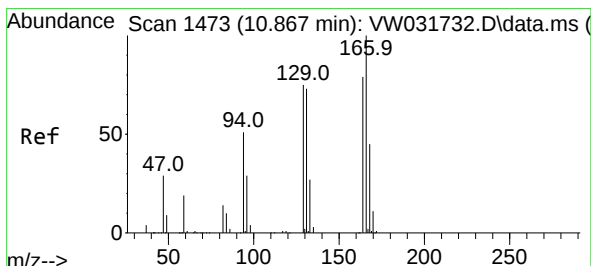
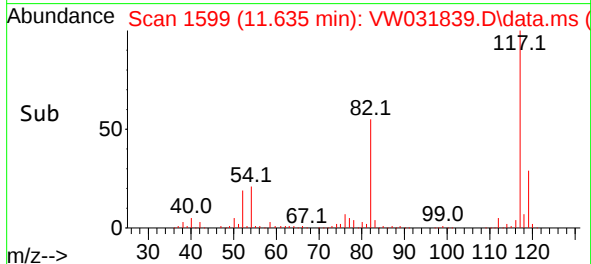
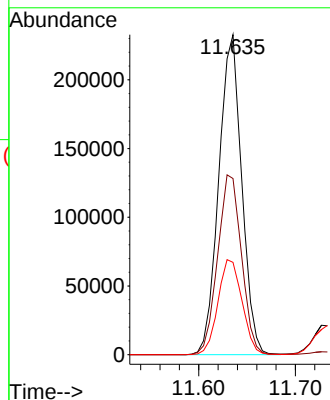
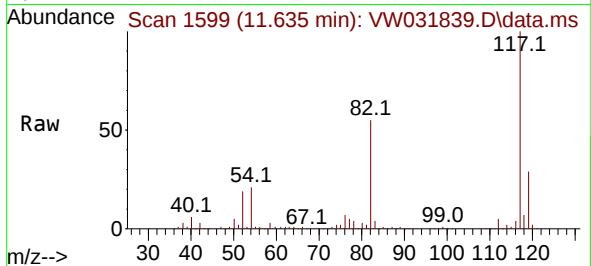




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

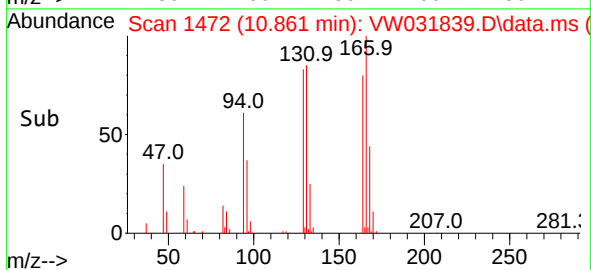
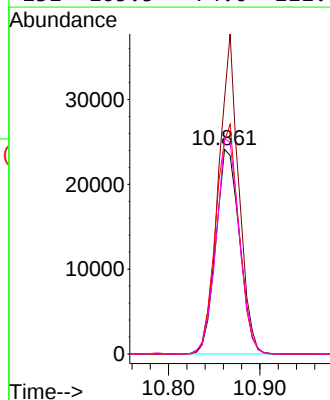
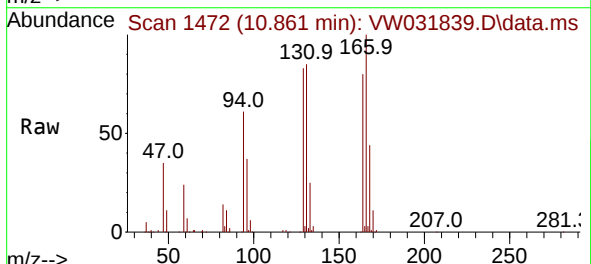
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

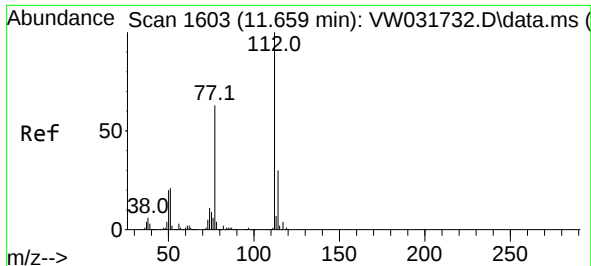
Tgt Ion:117 Resp: 383633
Ion Ratio Lower Upper
117 100
82 55.0 48.6 72.8
119 28.8 23.9 35.9



#64
Tetrachloroethene
Concen: 17.320 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:164 Resp: 43464
Ion Ratio Lower Upper
164 100
166 124.7 100.7 151.1
129 104.0 75.4 113.0
131 105.5 74.0 111.0

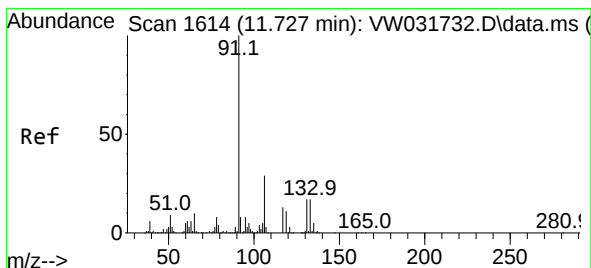
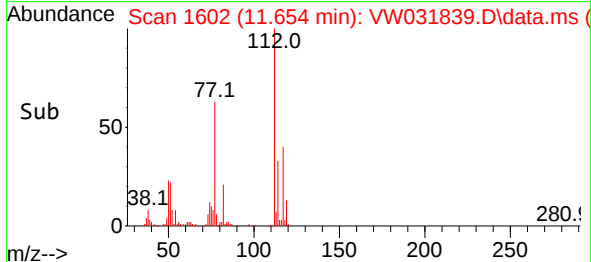
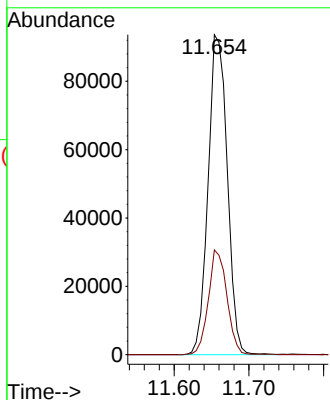
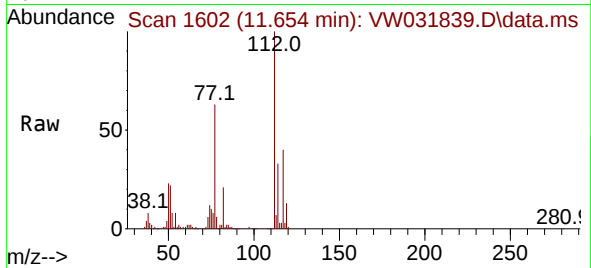




#65
Chlorobenzene
Concen: 19.724 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

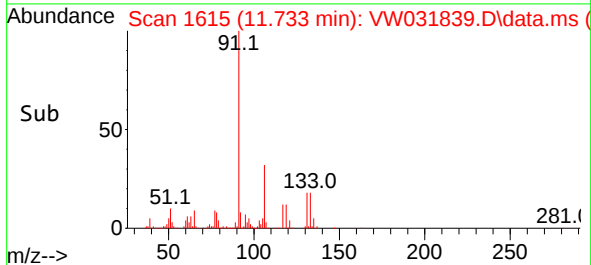
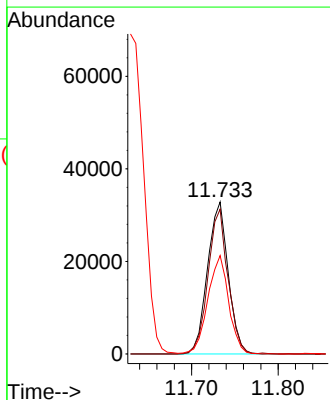
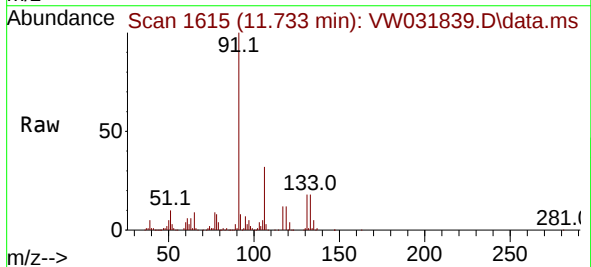
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

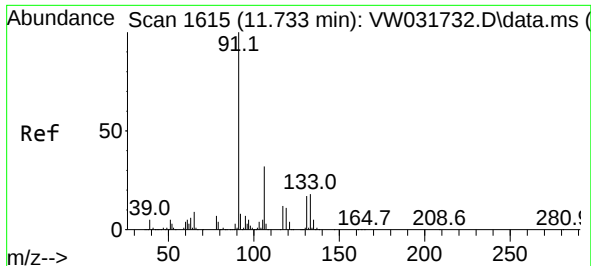
Tgt Ion:112 Resp: 166946
Ion Ratio Lower Upper
112 100
114 32.8 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.133 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:131 Resp: 54305
Ion Ratio Lower Upper
131 100
133 92.2 48.5 145.6
119 65.5 32.5 97.5

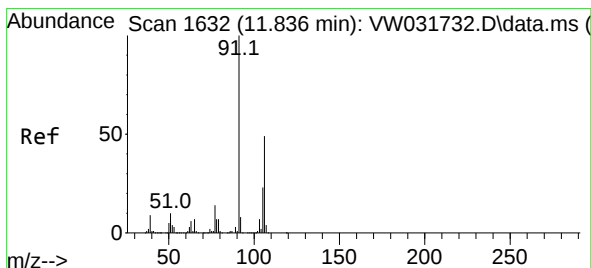
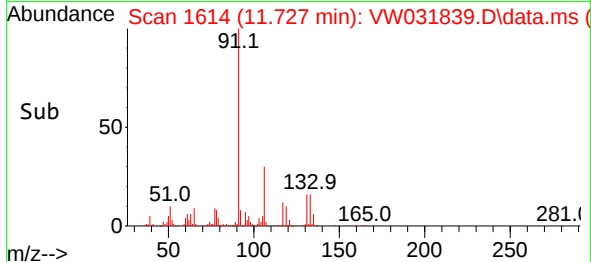
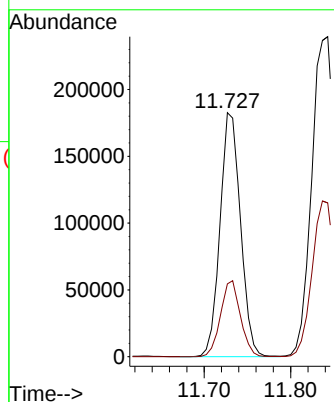
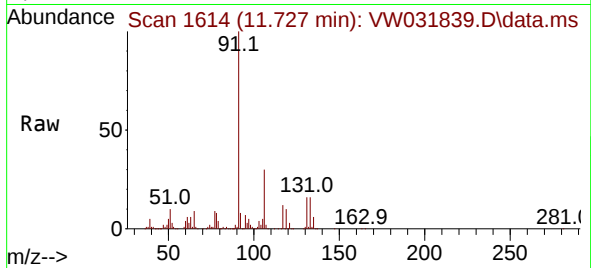




#67
Ethyl Benzene
Concen: 20.443 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

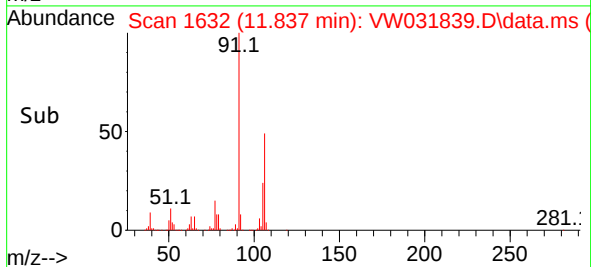
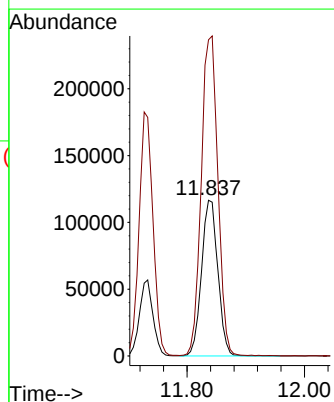
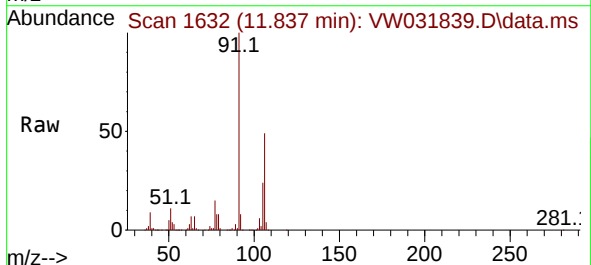
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Tgt Ion: 91 Resp: 300048
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2



#68
m/p-Xylenes
Concen: 39.799 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:106 Resp: 224555
Ion Ratio Lower Upper
106 100
91 209.3 166.4 249.6

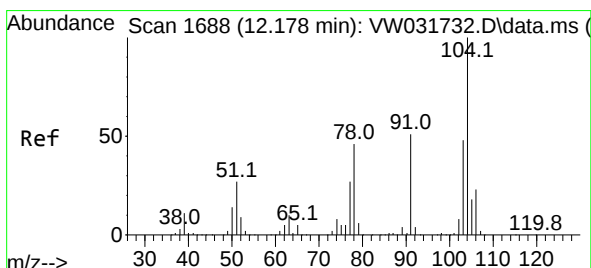
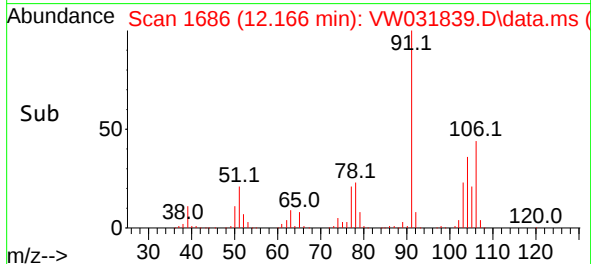
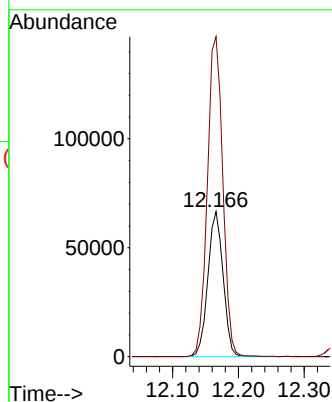
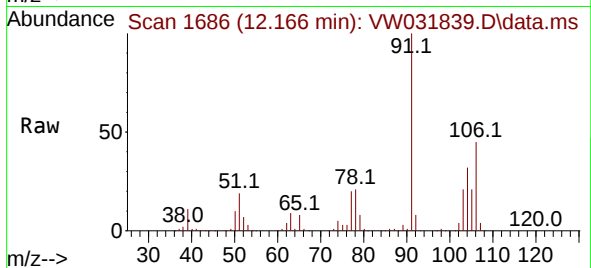




#69
o-Xylene
Concen: 20.534 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

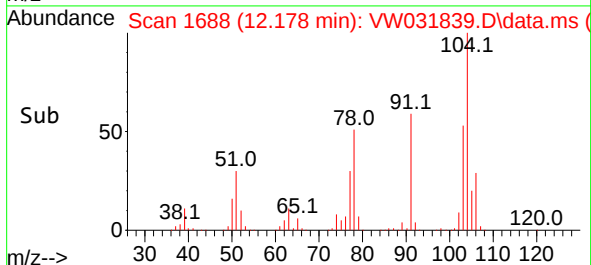
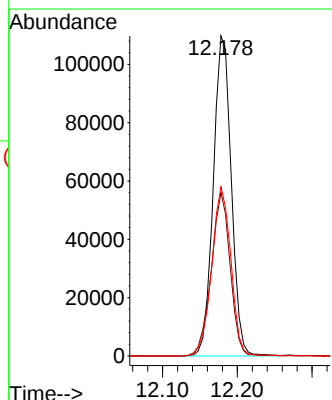
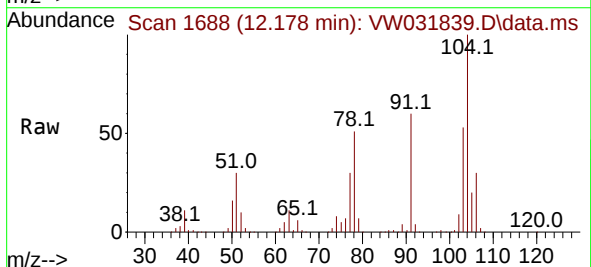
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Tgt Ion:106 Resp: 107272
Ion Ratio Lower Upper
106 100
91 224.2 111.5 334.4



#70
Styrene
Concen: 20.362 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion:104 Resp: 183895
Ion Ratio Lower Upper
104 100
78 53.6 42.1 63.1
103 56.1 43.0 64.6





#71

Bromoform

Concen: 19.069 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBS01

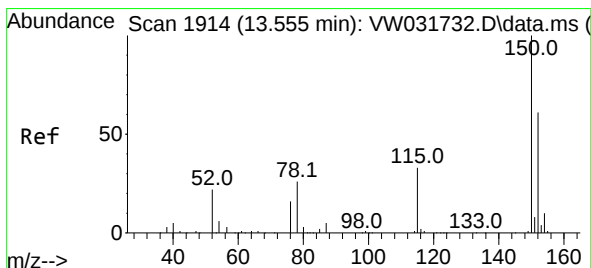
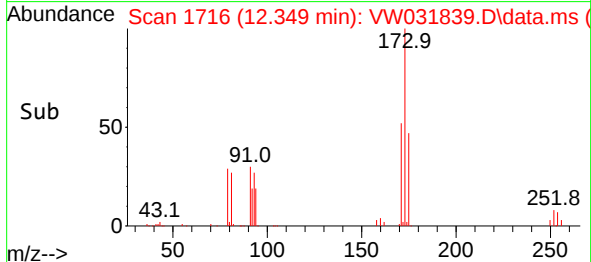
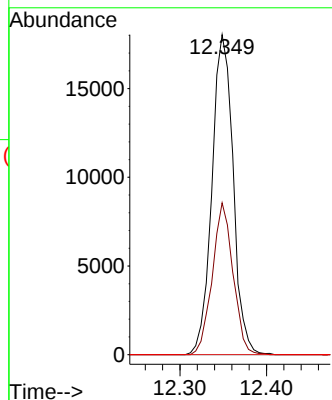
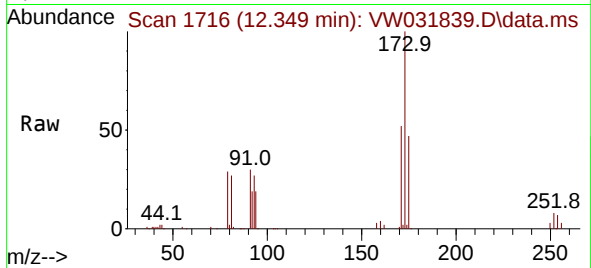
Tgt Ion:173 Resp: 30684

Ion Ratio Lower Upper

173 100

175 46.3 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: VW031839.D

Acq: 14 Jul 2025 10:36

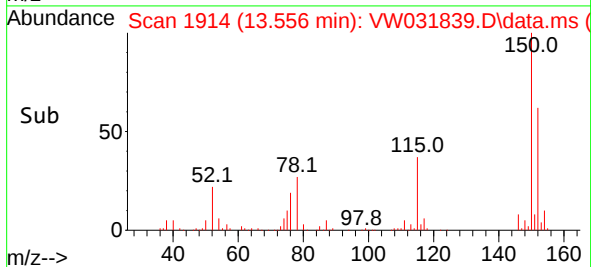
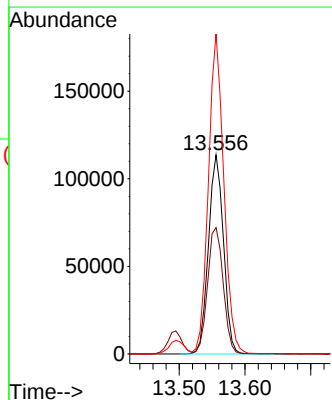
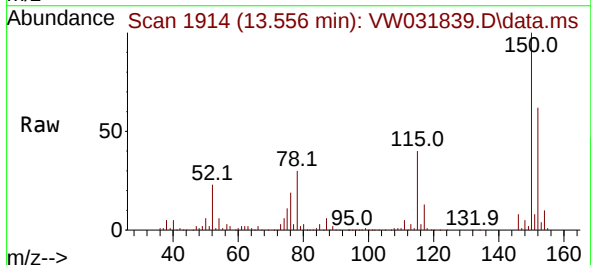
Tgt Ion:152 Resp: 180632

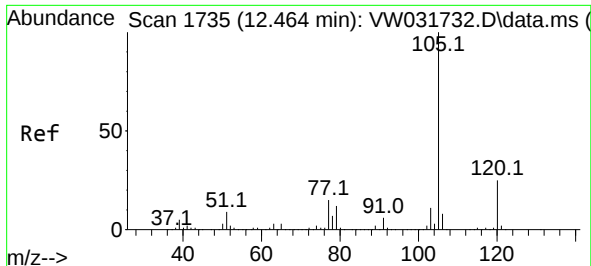
Ion Ratio Lower Upper

152 100

115 65.8 31.9 95.7

150 164.5 0.0 356.4

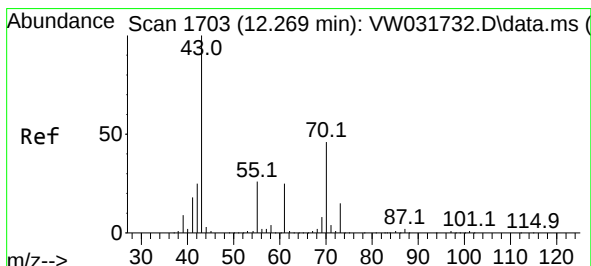
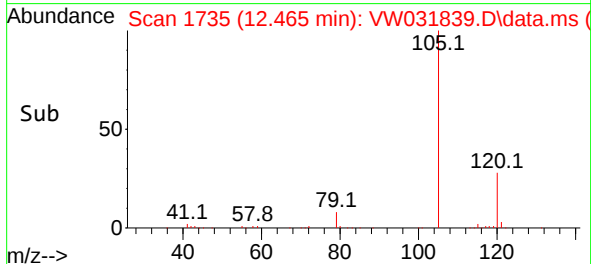
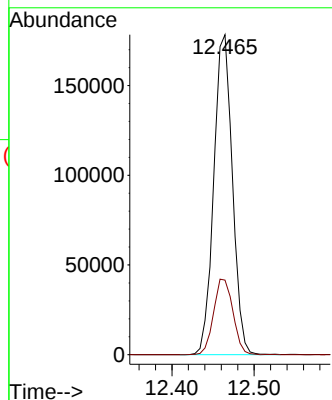
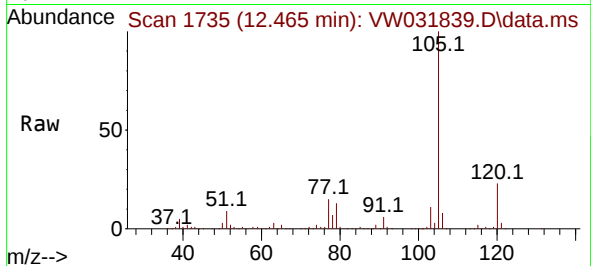




#73
Isopropylbenzene
Concen: 20.443 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

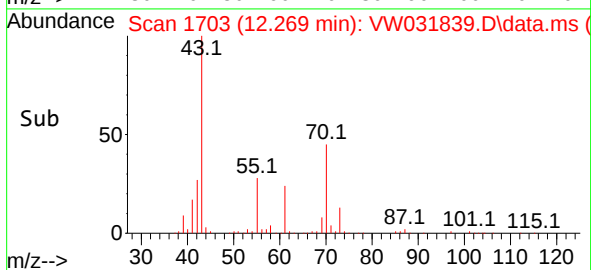
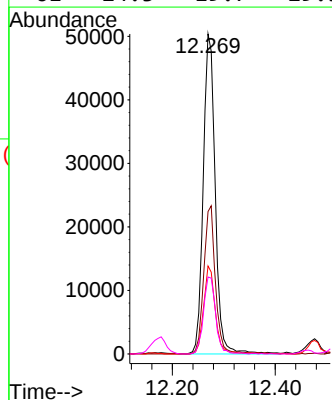
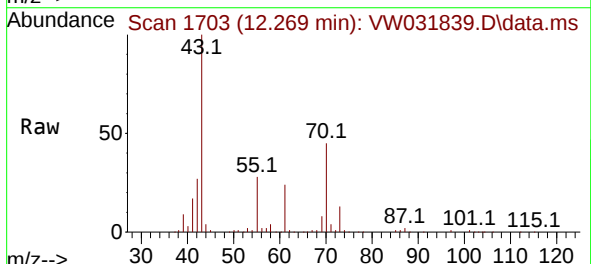
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

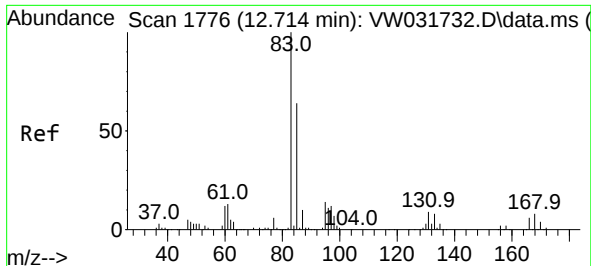
Tgt Ion:105 Resp: 280880
Ion Ratio Lower Upper
105 100
120 24.5 12.8 38.4



#74
N-ethyl acetate
Concen: 22.027 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 43 Resp: 81575
Ion Ratio Lower Upper
43 100
70 45.0 36.0 54.0
55 26.6 20.8 31.2
61 24.3 19.7 29.5

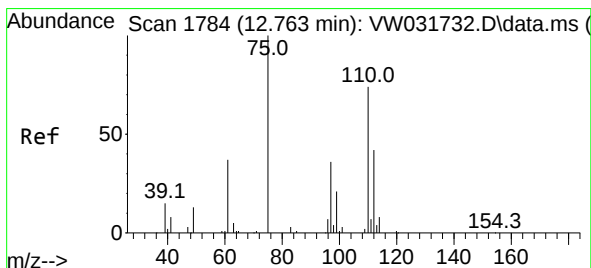
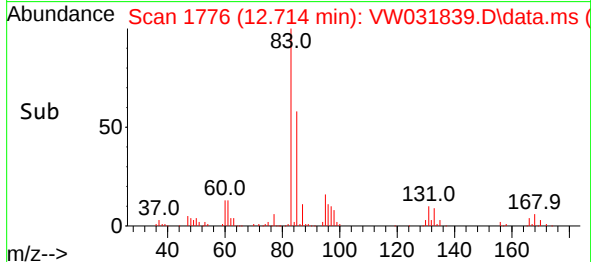
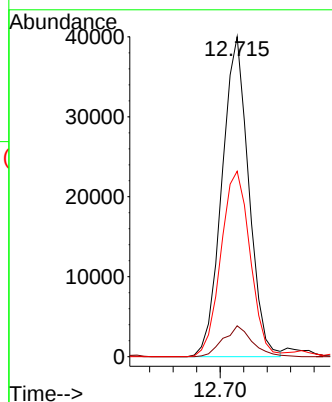
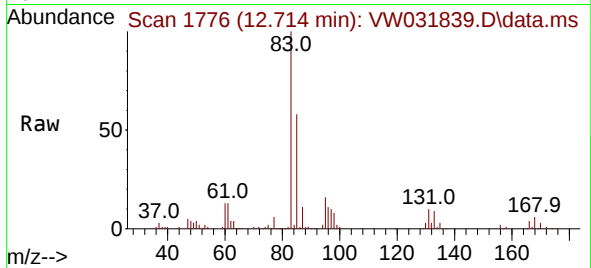




#75
1,1,2,2-Tetrachloroethane
Concen: 20.781 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

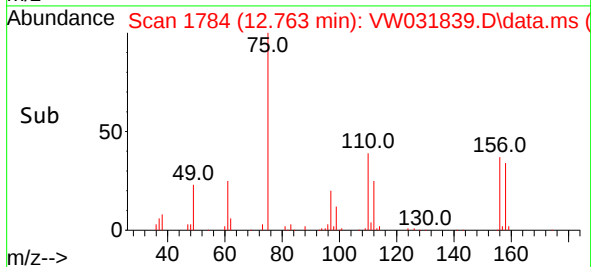
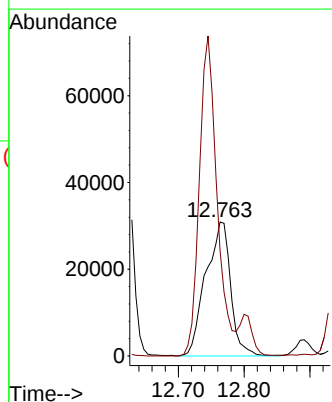
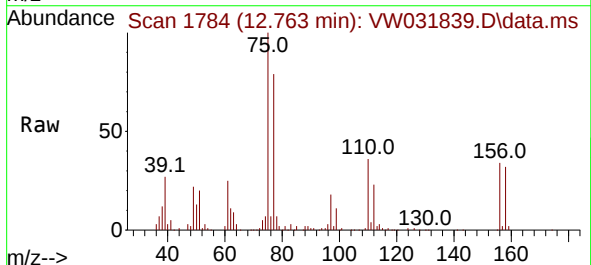
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

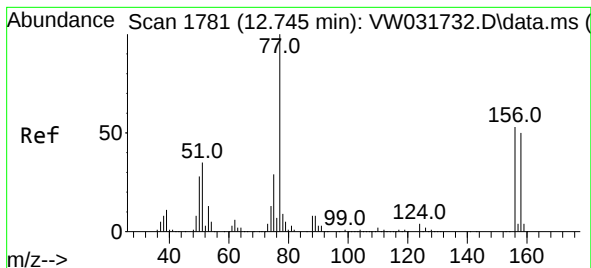
Tgt Ion: 83 Resp: 63391
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 63.2 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 34.778 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 75 Resp: 81181
Ion Ratio Lower Upper
75 100
77 170.8 141.2 423.6





#77

Bromobenzene

Concen: 20.069 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

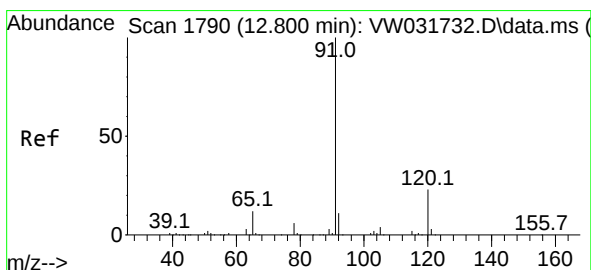
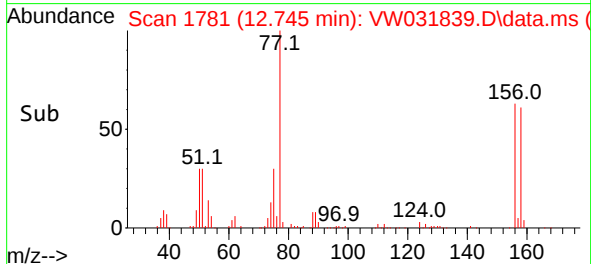
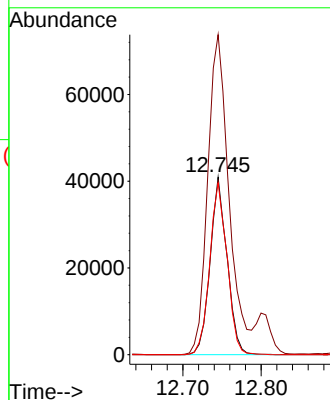
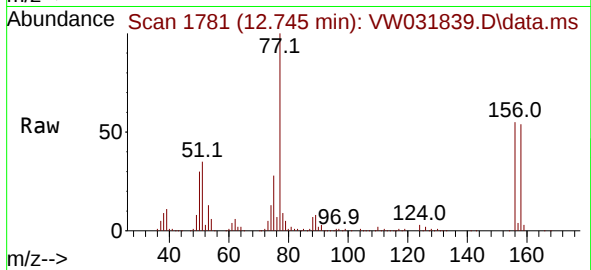
Tgt Ion:156 Resp: 61500

Ion Ratio Lower Upper

156 100

77 225.4 117.9 353.7

158 99.1 52.6 157.8



#78

n-propylbenzene

Concen: 20.510 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031839.D

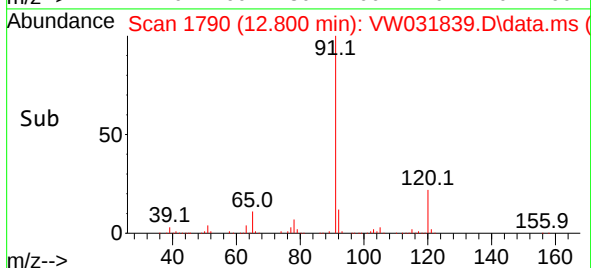
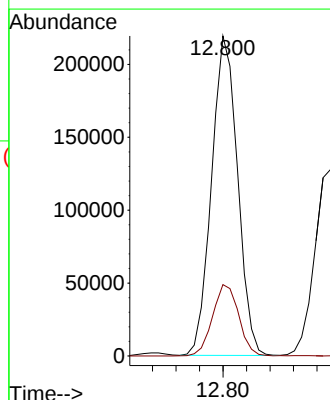
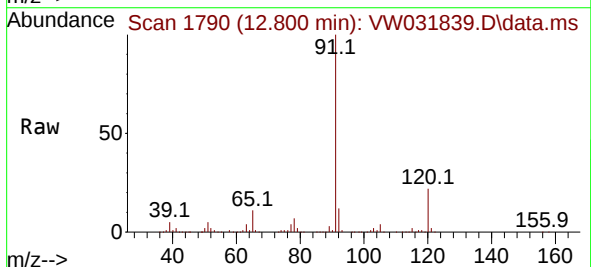
Acq: 14 Jul 2025 10:36

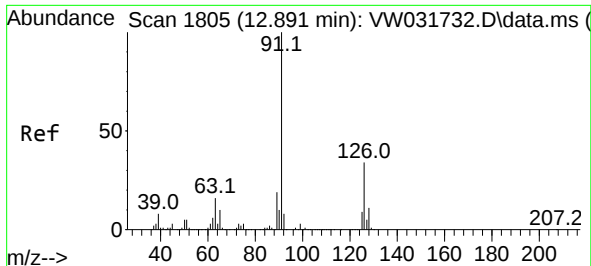
Tgt Ion: 91 Resp: 337459

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

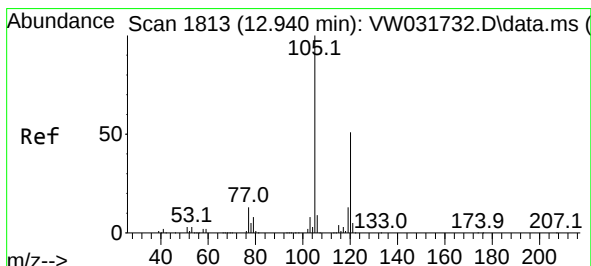
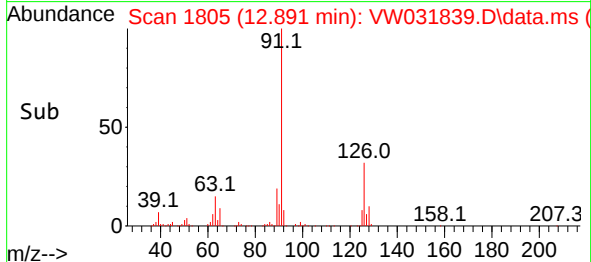
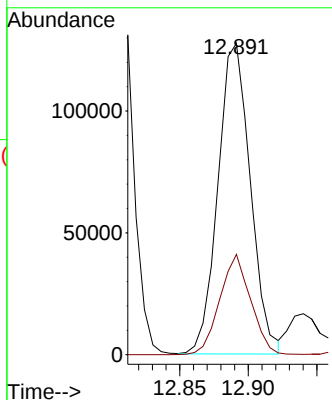
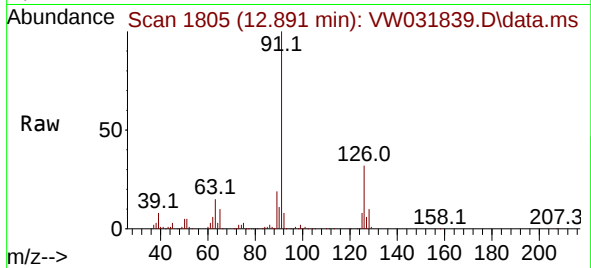




#79
2-Chlorotoluene
Concen: 21.170 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

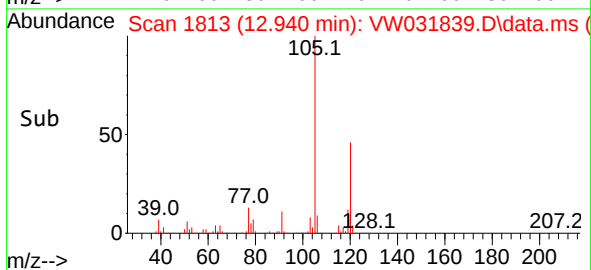
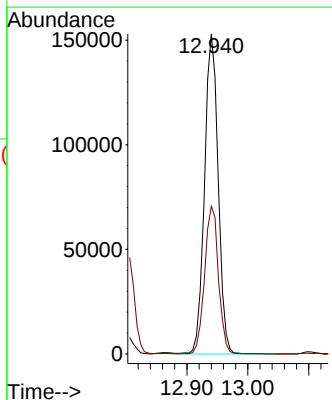
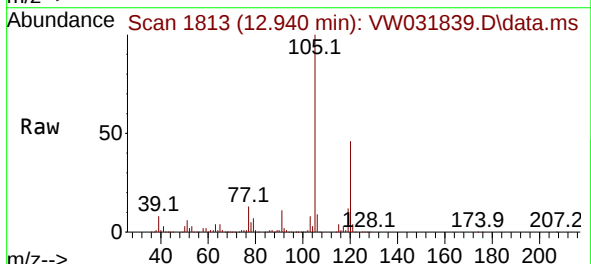
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Tgt Ion: 91 Resp: 209747
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 20.941 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 105 Resp: 238168
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.2

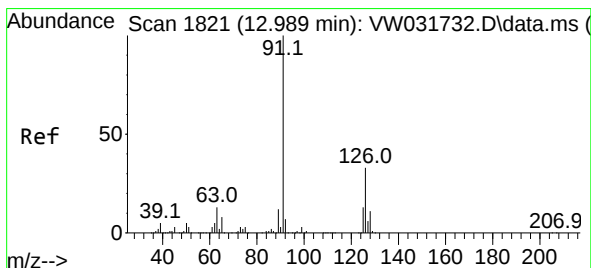
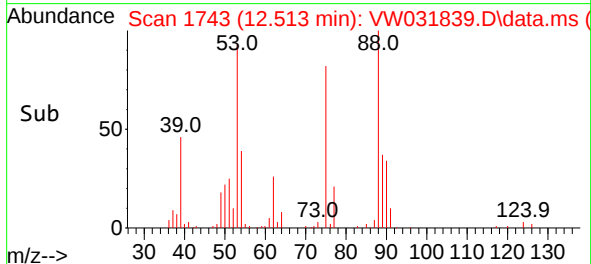
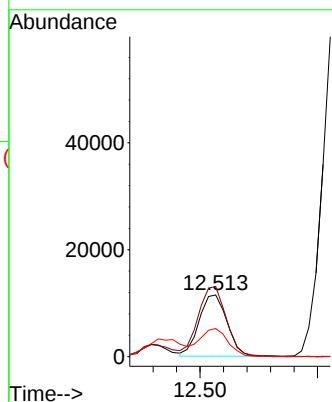
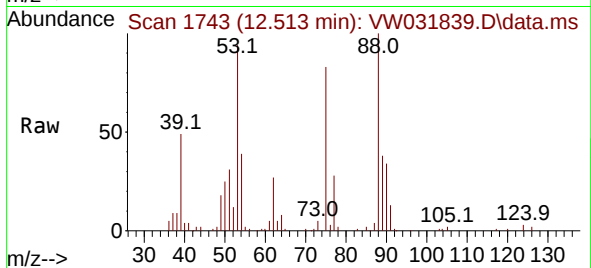




#81
trans-1,4-Dichloro-2-butene
Concen: 18.813 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

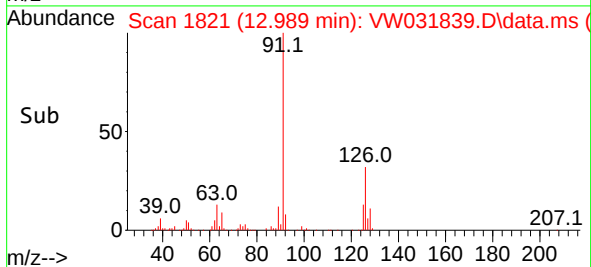
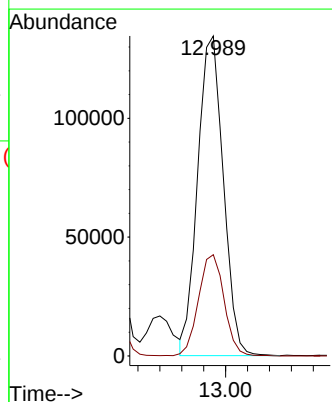
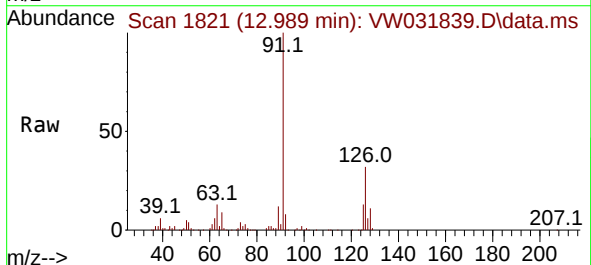
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

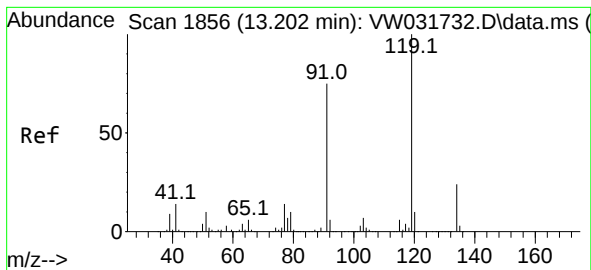
Tgt Ion: 75 Resp: 18854
Ion Ratio Lower Upper
75 100
53 116.5 83.5 125.3
89 47.1 38.3 57.5



#82
4-Chlorotoluene
Concen: 20.999 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031839.D
Acq: 14 Jul 2025 10:36

Tgt Ion: 91 Resp: 218429
Ion Ratio Lower Upper
91 100
126 31.7 16.0 47.9





#83

tert-Butylbenzene

Concen: 19.940 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

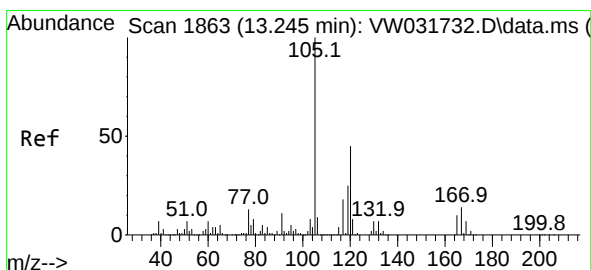
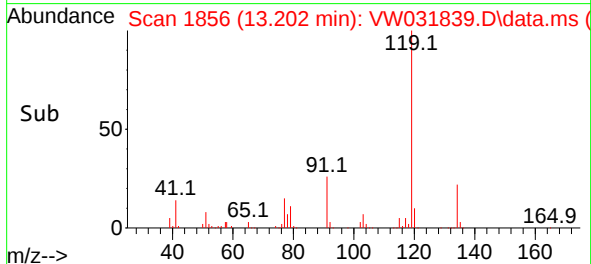
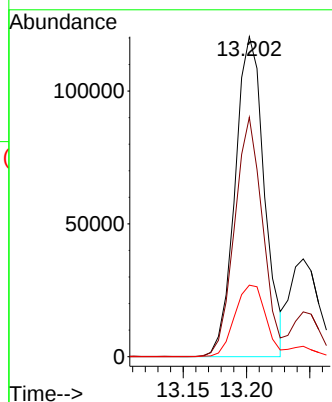
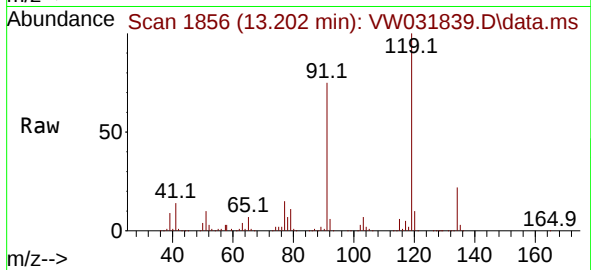
Tgt Ion:119 Resp: 194261

Ion Ratio Lower Upper

119 100

91 71.5 36.0 108.1

134 24.0 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 20.965 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031839.D

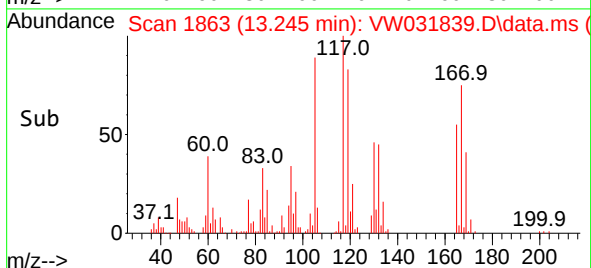
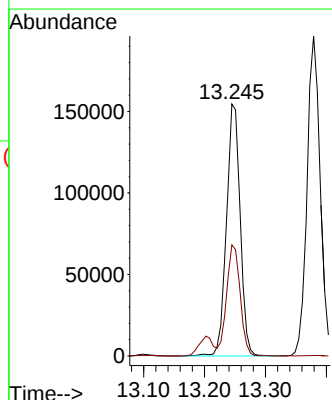
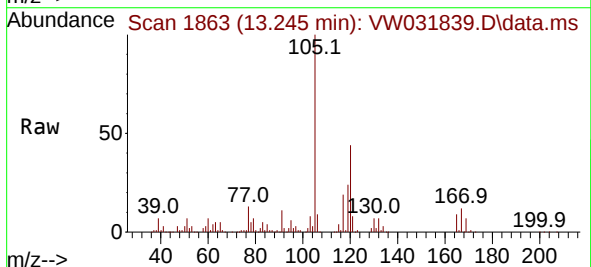
Acq: 14 Jul 2025 10:36

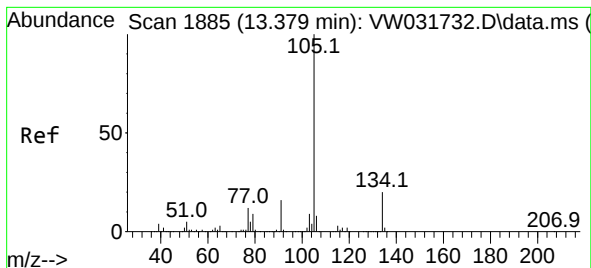
Tgt Ion:105 Resp: 241588

Ion Ratio Lower Upper

105 100

120 43.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.059 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

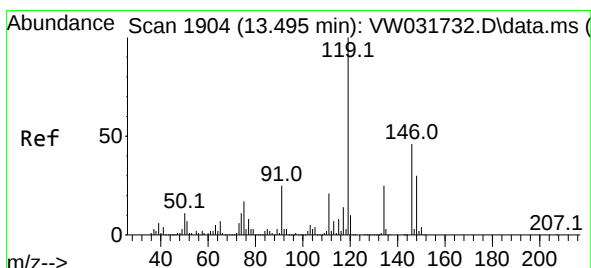
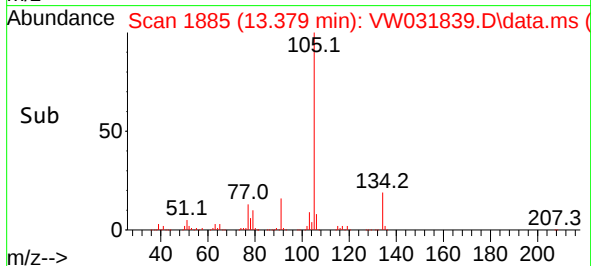
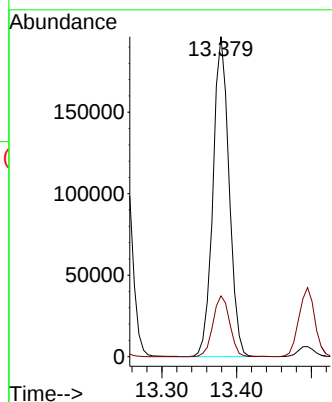
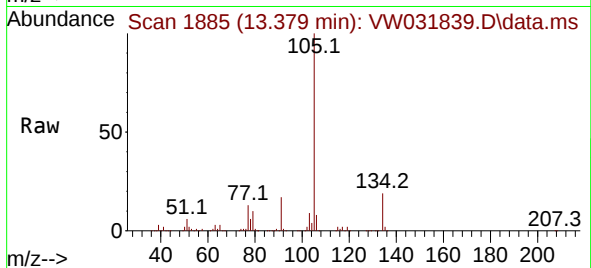
VW0714SBSD01

Tgt Ion:105 Resp: 293323

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.508 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

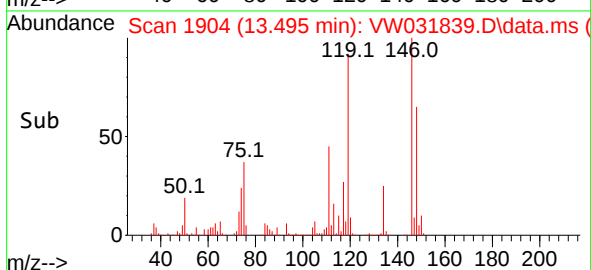
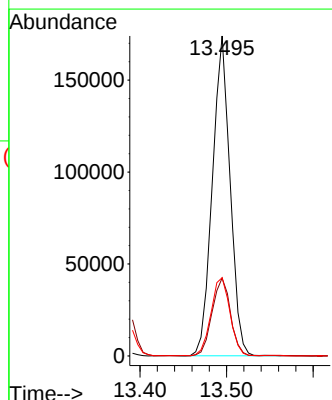
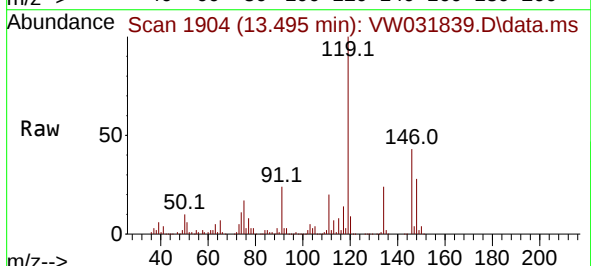
Tgt Ion:119 Resp: 247144

Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 26.0 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.317 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

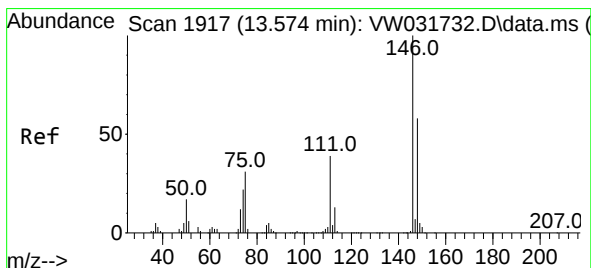
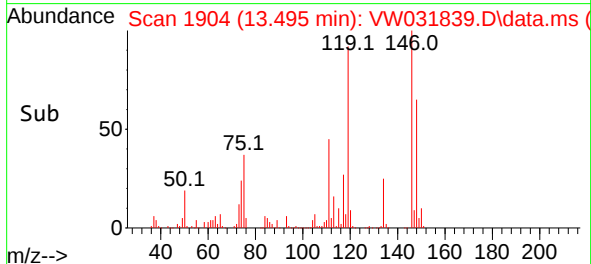
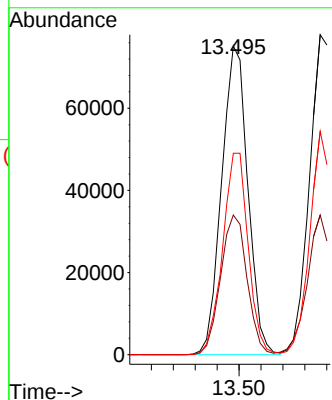
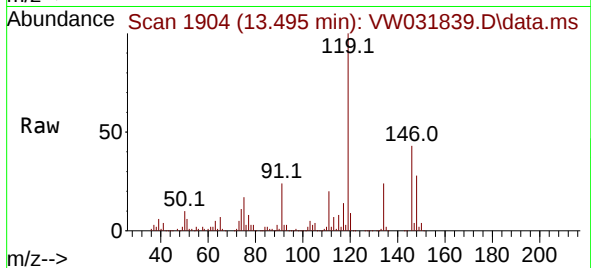
Tgt Ion:146 Resp: 124859

Ion Ratio Lower Upper

146 100

111 45.7 22.3 66.9

148 63.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.177 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

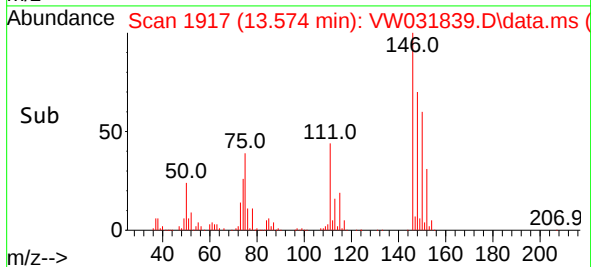
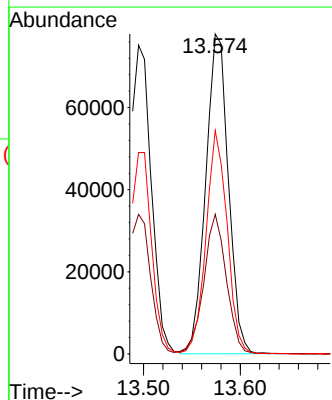
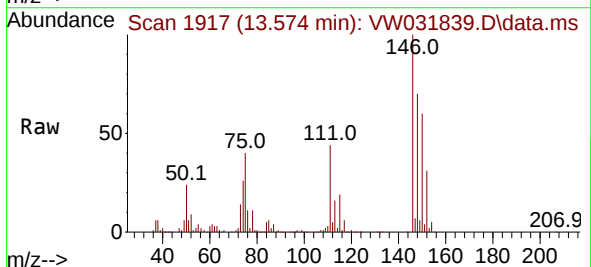
Tgt Ion:146 Resp: 126920

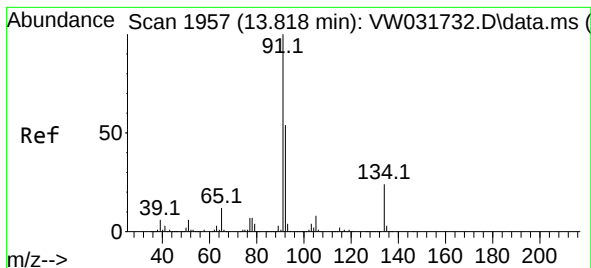
Ion Ratio Lower Upper

146 100

111 43.5 20.4 61.3

148 65.3 30.2 90.6





#89

n-Butylbenzene

Concen: 20.054 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

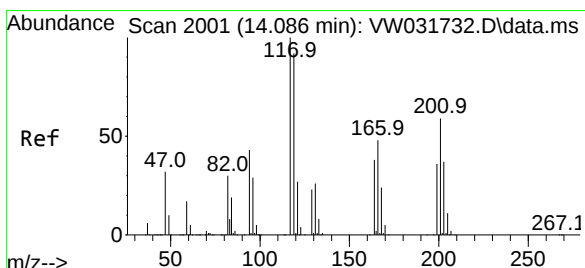
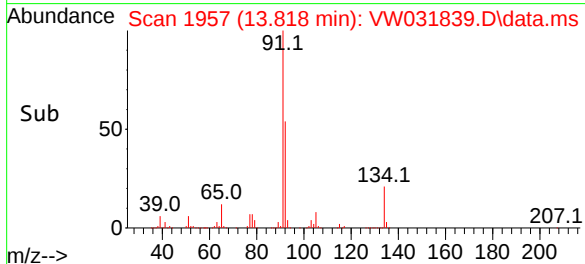
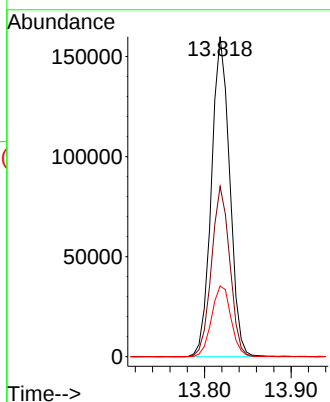
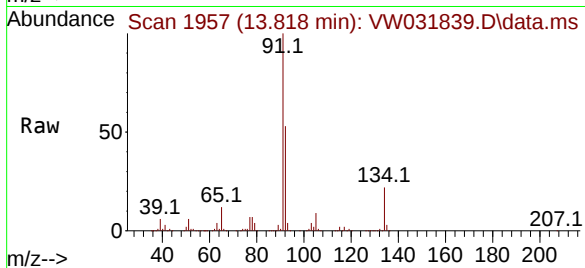
Tgt Ion: 91 Resp: 234809

Ion Ratio Lower Upper

91 100

92 53.3 27.2 81.5

134 23.5 12.2 36.6



#90

Hexachloroethane

Concen: 19.287 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031839.D

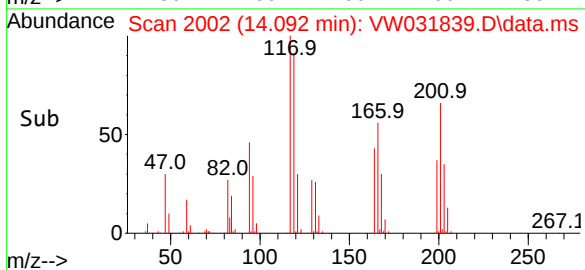
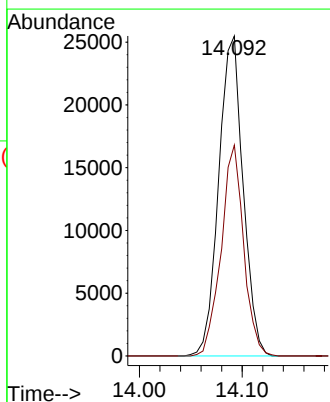
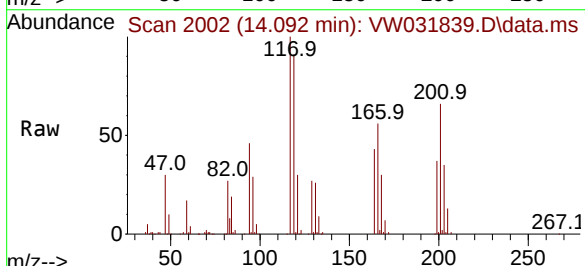
Acq: 14 Jul 2025 10:36

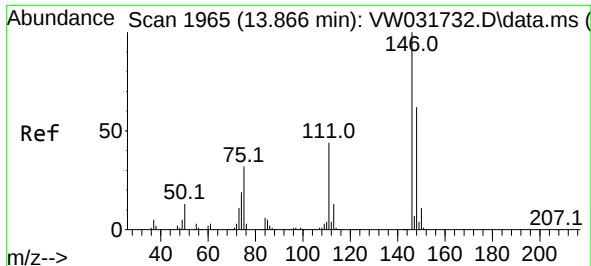
Tgt Ion: 117 Resp: 41932

Ion Ratio Lower Upper

117 100

201 60.9 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 20.791 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

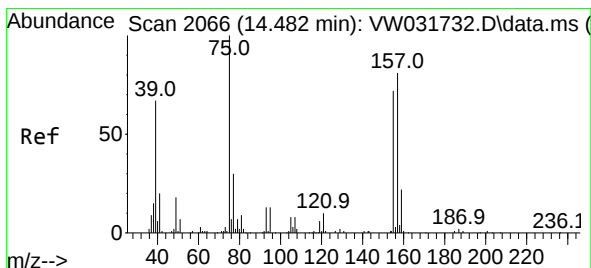
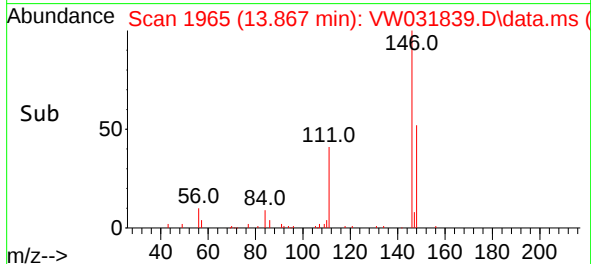
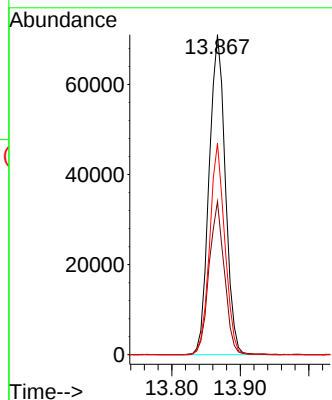
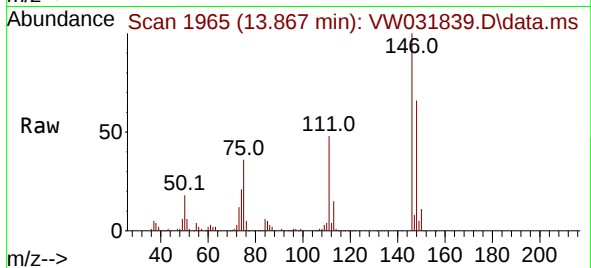
Tgt Ion:146 Resp: 116784

Ion Ratio Lower Upper

146 100

111 45.2 21.7 65.1

148 62.0 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.244 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

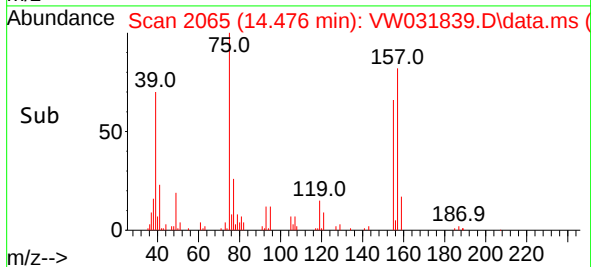
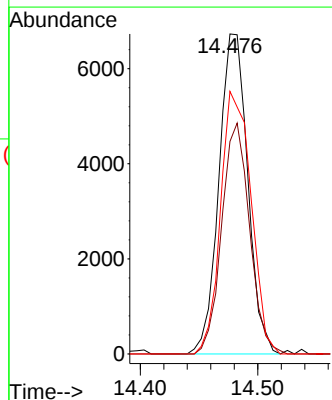
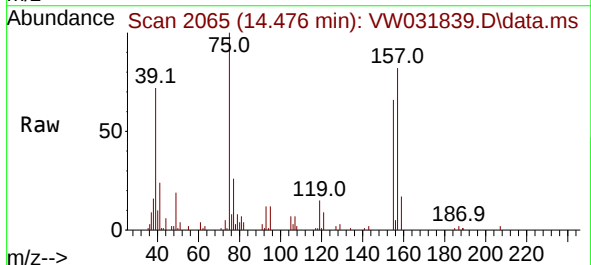
Tgt Ion: 75 Resp: 11462

Ion Ratio Lower Upper

75 100

155 69.9 37.2 111.6

157 86.6 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 19.784 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

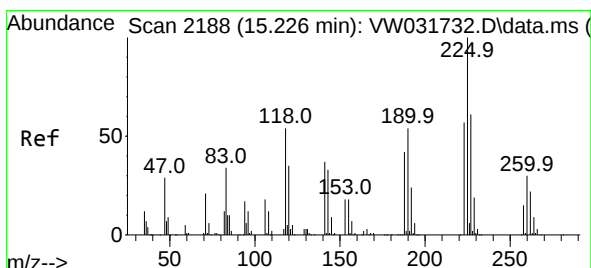
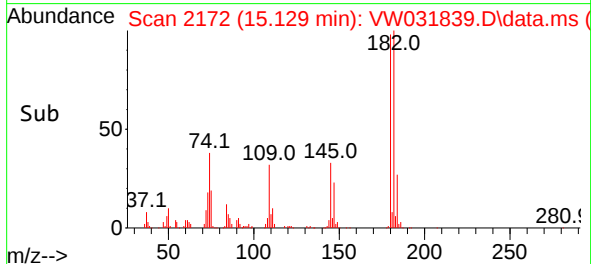
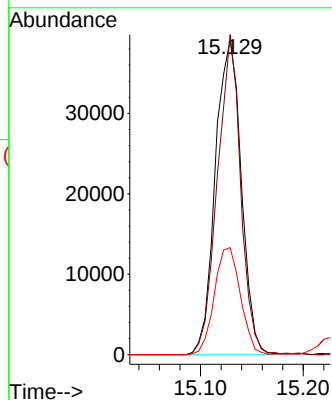
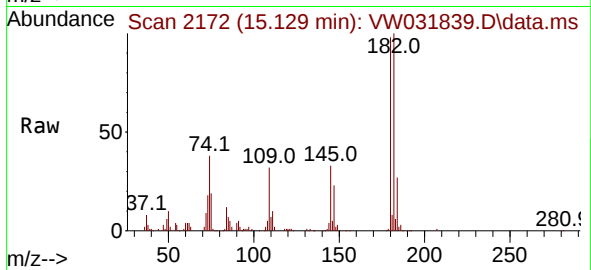
Tgt Ion:180 Resp: 68535

Ion Ratio Lower Upper

180 100

182 91.1 48.6 145.9

145 34.2 17.3 51.7



#94

Hexachlorobutadiene

Concen: 17.275 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

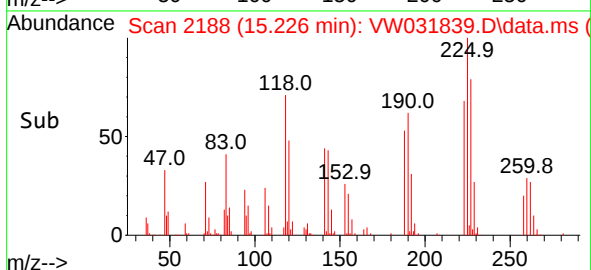
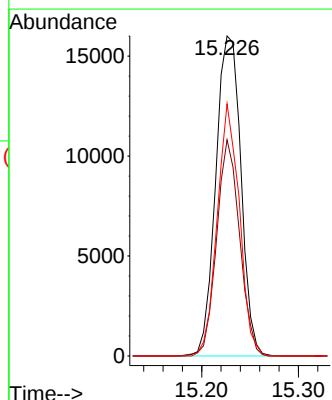
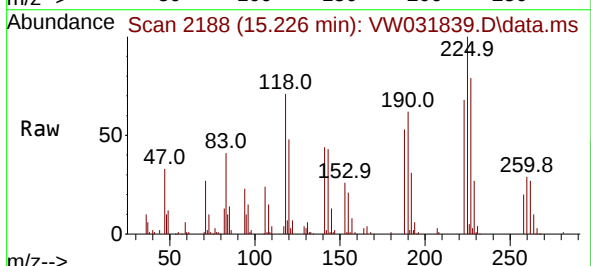
Tgt Ion:225 Resp: 28897

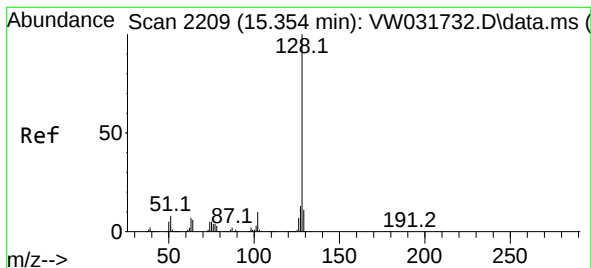
Ion Ratio Lower Upper

225 100

223 61.7 32.6 97.8

227 69.3 37.3 111.8





#95

Naphthalene

Concen: 19.676 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Instrument :

MSVOA_W

ClientSampleId :

VW0714SBSD01

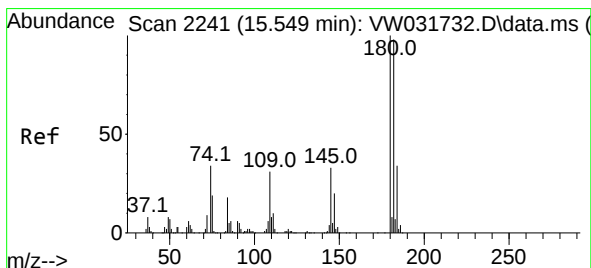
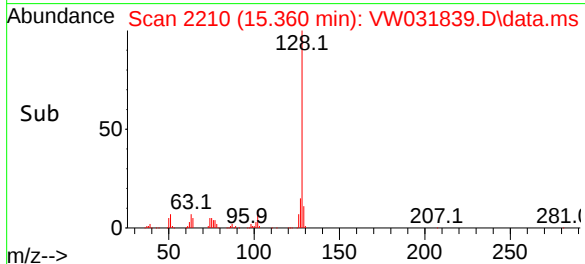
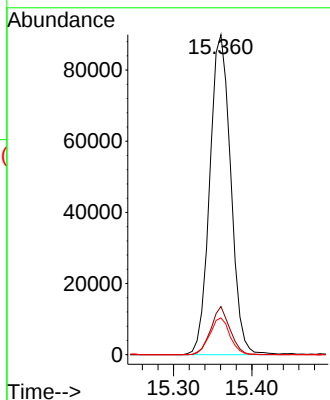
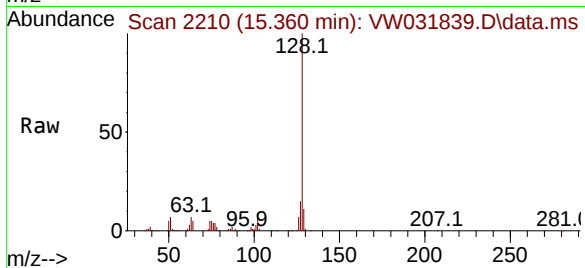
Tgt Ion:128 Resp: 167105

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.235 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031839.D

Acq: 14 Jul 2025 10:36

Tgt Ion:180 Resp: 61227

Ion Ratio Lower Upper

180 100

182 103.3 46.4 139.1

145 38.5 17.8 53.3

