

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038872.D
 Acq On : 07 Jul 2025 16:09
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Jul 08 02:43:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	385703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	674253	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	638282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	315595	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.944	65	268239	62.053	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 124.100%#	
35) Dibromofluoromethane	4.503	113	233195	54.601	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 109.200%	
50) Toluene-d8	7.236	98	667127	48.280	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 96.560%	
62) 4-Bromofluorobenzene	10.001	95	278648	49.913	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 99.820%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	9343	2.552	ug/l	95
3) Chloromethane	1.230	50	12818	2.853	ug/l	94
4) Vinyl Chloride	1.298	62	10963	2.624	ug/l	97
5) Bromomethane	1.494	94	11543	4.528	ug/l	97
6) Chloroethane	1.558	64	8077	2.884	ug/l	92
7) Trichlorofluoromethane	1.725	101	19798	2.679	ug/l	93
8) Diethyl Ether	1.918	74	7283	2.832	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.082	101	12024	2.877	ug/l	96
10) Methyl Iodide	2.198	142	10709	2.020	ug/l	99
11) Tert butyl alcohol	2.577	59	10206	18.088	ug/l #	86
12) 1,1-Dichloroethene	2.085	96	12012	3.024	ug/l	88
13) Acrolein	2.015	56	2427	17.226	ug/l	97
14) Allyl chloride	2.362	41	16523	3.093	ug/l	94
15) Acrylonitrile	2.693	53	30317	15.360	ug/l	98
16) Acetone	2.124	43	27787	19.289	ug/l	91
17) Carbon Disulfide	2.253	76	26938	2.928	ug/l	98
18) Methyl Acetate	2.400	43	11899	2.422	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	34377	2.799	ug/l	97
20) Methylene Chloride	2.458	84	16732	3.515	ug/l	96
21) trans-1,2-Dichloroethene	2.709	96	11171	2.812	ug/l	98
22) Diisopropyl ether	3.220	45	30431	2.779	ug/l #	51
23) Vinyl Acetate	3.214	43	102605	12.993	ug/l	95
24) 1,1-Dichloroethane	3.127	63	21363	2.894	ug/l	96
25) 2-Butanone	3.918	43	26356m	12.372	ug/l	
26) 2,2-Dichloropropane	3.822	77	18528	2.708	ug/l	98
27) cis-1,2-Dichloroethene	3.844	96	12994	2.807	ug/l	84
28) Bromochloromethane	4.166	49	8821	2.796	ug/l	89
29) Tetrahydrofuran	4.256	42	19576	13.568	ug/l #	83
30) Chloroform	4.285	83	24980	3.105	ug/l	86
31) Cyclohexane	4.593	56	20994	3.591	ug/l #	68
32) 1,1,1-Trichloroethane	4.516	97	21272	2.849	ug/l	98
36) 1,1-Dichloropropene	4.754	75	13135	2.534	ug/l	89
37) Ethyl Acetate	3.918	43	26799m	5.068	ug/l	
38) Carbon Tetrachloride	4.735	117	18846	2.763	ug/l	90
39) Methylcyclohexane	6.053	83	16197	2.390	ug/l	96
40) Benzene	5.024	78	45660	2.668	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.217	41	2358	1.038	ug/l #	81
42) 1,2-Dichloroethane	5.066	62	19969m	3.296	ug/l	
43) Isopropyl Acetate	5.220	43	19130	2.268	ug/l #	71
44) Trichloroethene	5.850	130	12481	2.795	ug/l	99
45) 1,2-Dichloropropane	6.108	63	10373	2.414	ug/l #	88
46) Dibromomethane	6.246	93	9230	2.723	ug/l	95
47) Bromodichloromethane	6.439	83	19825	2.762	ug/l	94
48) Methyl methacrylate	6.339	41	10489m	2.615	ug/l	
49) 1,4-Dioxane	6.320	88	2922	52.550	ug/l #	78
51) 4-Methyl-2-Pentanone	7.156	43	65507	12.305	ug/l	97
52) Toluene	7.320	92	27821	2.602	ug/l	99
53) t-1,3-Dichloropropene	7.600	75	15767	2.295	ug/l	99
54) cis-1,3-Dichloropropene	6.966	75	17810	2.535	ug/l #	94
55) 1,1,2-Trichloroethane	7.773	97	14163	3.029	ug/l	94
56) Ethyl methacrylate	7.738	69	12428	2.021	ug/l #	86
57) 1,3-Dichloropropane	7.947	76	19914	2.704	ug/l	95
58) 2-Chloroethyl Vinyl ether	6.825	63	36462	13.055	ug/l	100
59) 2-Hexanone	8.082	43	37447	9.973	ug/l	91
60) Dibromochloromethane	8.175	129	16222	2.756	ug/l	98
61) 1,2-Dibromoethane	8.288	107	13737	2.840	ug/l	100
64) Tetrachloroethene	7.902	164	10853	2.644	ug/l	93
65) Chlorobenzene	8.809	112	36673	2.726	ug/l	94
66) 1,1,1,2-Tetrachloroethane	8.905	131	13687	2.725	ug/l	91
67) Ethyl Benzene	8.947	91	50362	2.390	ug/l	99
68) m/p-Xylenes	9.069	106	36806	4.560	ug/l	93
69) o-Xylene	9.474	106	17884	2.319	ug/l	100
70) Styrene	9.500	104	26614	1.976	ug/l	97
71) Bromoform	9.661	173	11321	2.774	ug/l #	95
73) Isopropylbenzene	9.860	105	44602	2.408	ug/l	99
74) N-amyl acetate	9.741	43	15568	2.401	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.169	83	21020	3.131	ug/l	98
76) 1,2,3-Trichloropropane	10.207	75	15996m	3.276	ug/l	
77) Bromobenzene	10.149	156	14171	2.966	ug/l	95
78) n-propylbenzene	10.284	91	53962	2.448	ug/l	100
79) 2-Chlorotoluene	10.355	91	35294	2.637	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	37341	2.358	ug/l	96
81) trans-1,4-Dichloro-2-b...	9.940	75	5332	2.324	ug/l	94
82) 4-Chlorotoluene	10.474	91	37131	2.406	ug/l	97
83) tert-Butylbenzene	10.792	119	40718	2.479	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	36003	2.320	ug/l	95
85) sec-Butylbenzene	11.014	105	48239	2.307	ug/l	100
86) p-Isopropyltoluene	11.172	119	41204	2.298	ug/l	94
87) 1,3-Dichlorobenzene	11.114	146	25586	2.634	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	27394m	2.676	ug/l	
89) n-Butylbenzene	11.587	91	35233	2.120	ug/l	98
90) Hexachloroethane	11.821	117	10234	2.630	ug/l	97
91) 1,2-Dichlorobenzene	11.577	146	24285	2.652	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.358	75	4001	2.814	ug/l	99
93) 1,2,4-Trichlorobenzene	13.194	180	14570	2.455	ug/l	92
94) Hexachlorobutadiene	13.371	225	7041	2.459	ug/l	99
95) Naphthalene	13.435	128	38574	2.043	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	14272	2.330	ug/l	97

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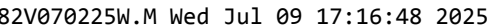
Instrument :
MSVOA_V
ClientSampleId :
MDL05

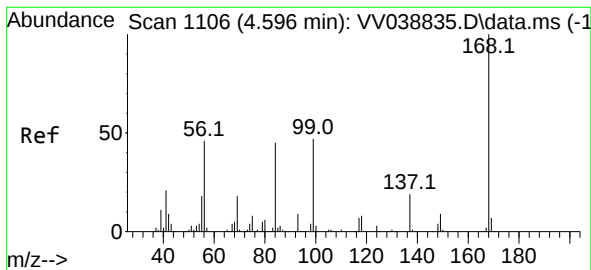
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

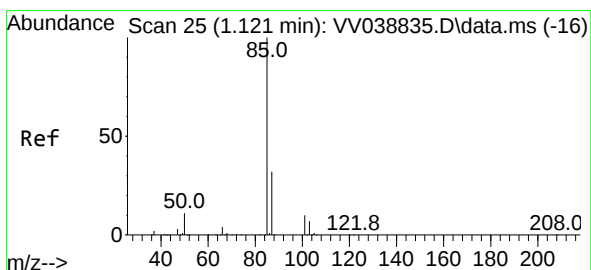
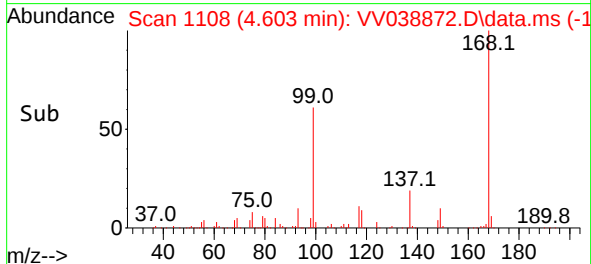
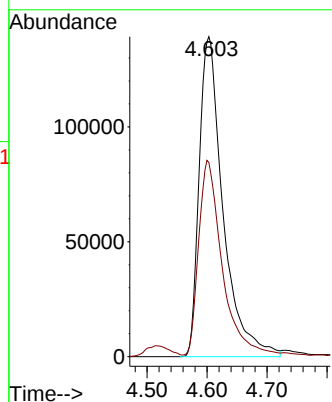
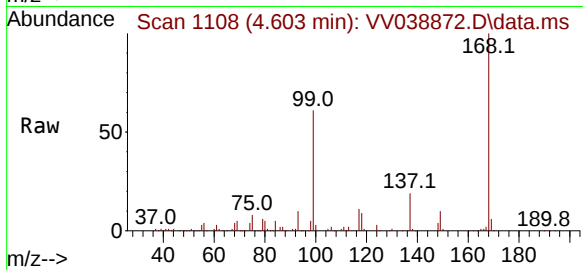
MDL05

Tgt Ion:168 Resp: 385703

Ion Ratio Lower Upper

168 100

99 60.1 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 2.552 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038872.D

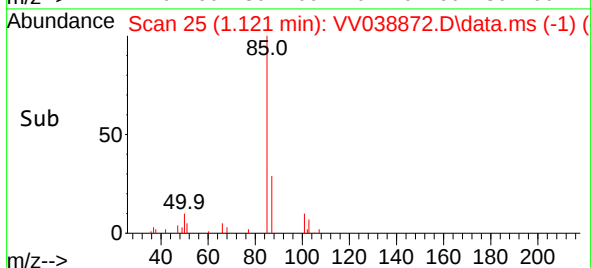
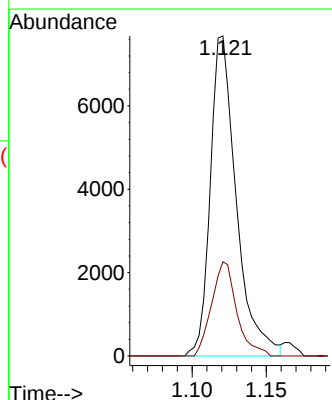
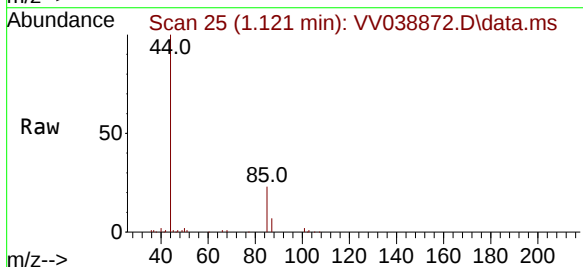
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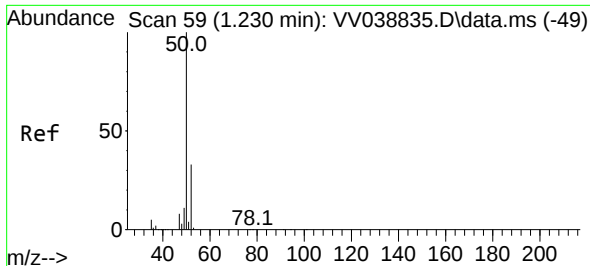
Tgt Ion: 85 Resp: 9343

Ion Ratio Lower Upper

85 100

87 29.4 16.1 48.3

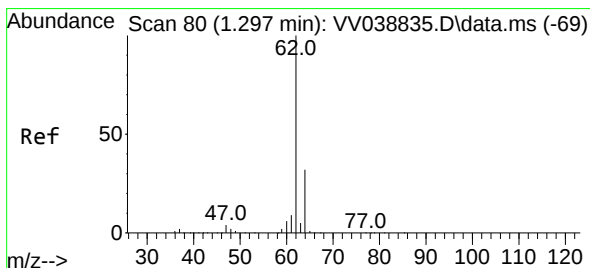
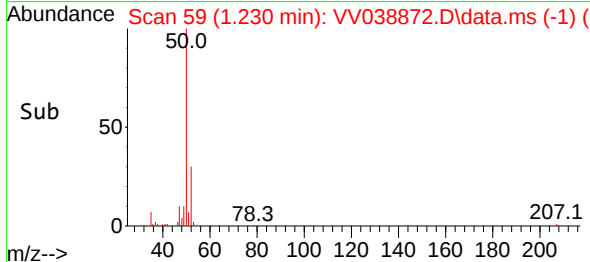
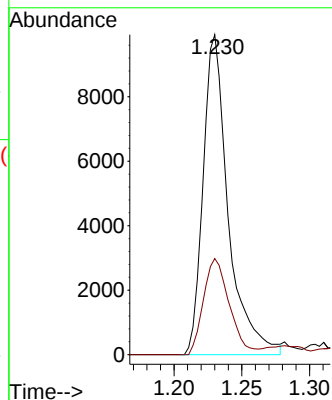
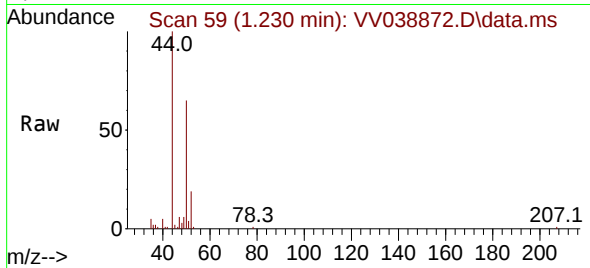




#3
Chloromethane
Concen: 2.853 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038872.D
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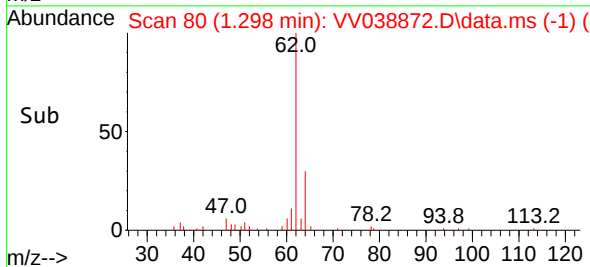
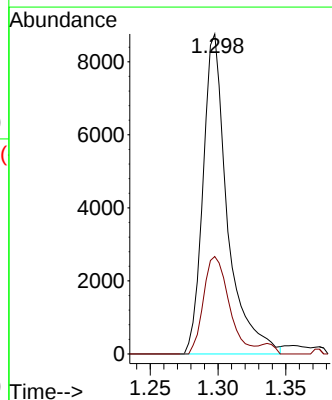
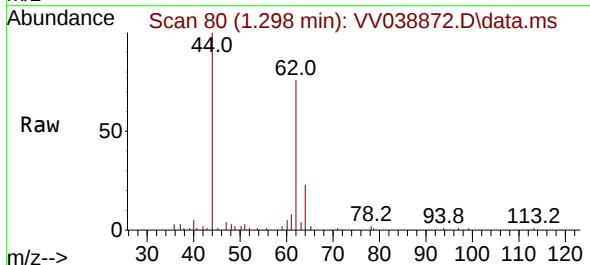
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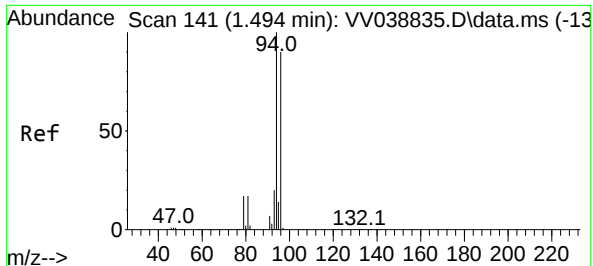
Tgt Ion: 50 Resp: 12818
Ion Ratio Lower Upper
50 100
52 30.1 26.7 40.1



#4
Vinyl Chloride
Concen: 2.624 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 62 Resp: 10963
Ion Ratio Lower Upper
62 100
64 30.4 25.5 38.3

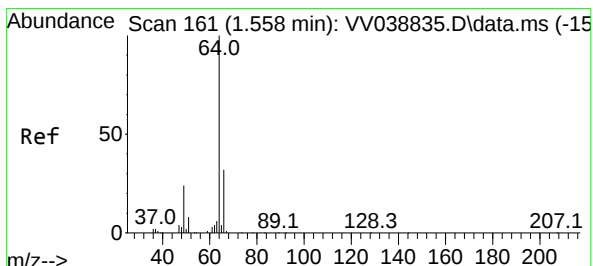
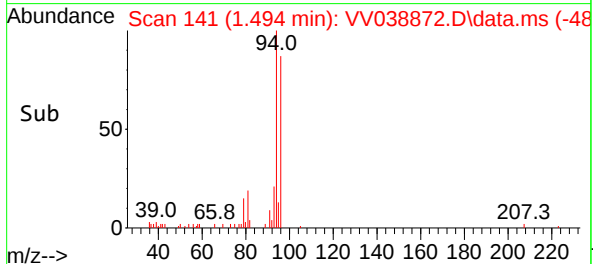
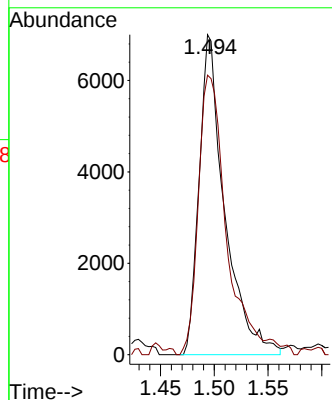
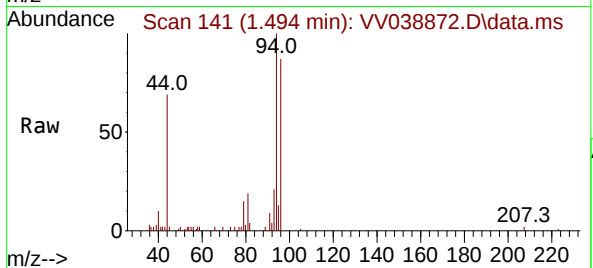




#5
Bromomethane
Concen: 4.528 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

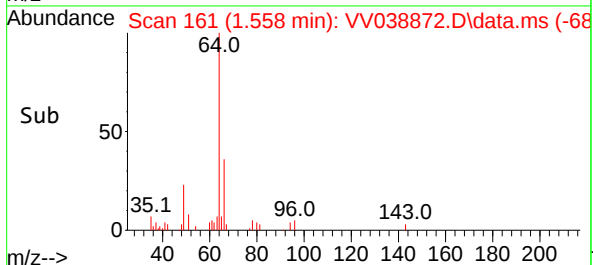
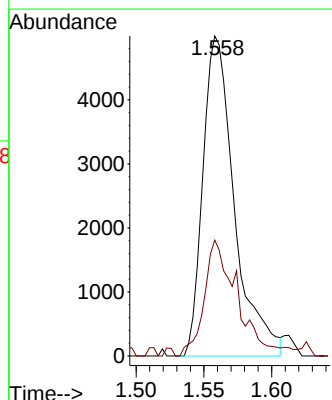
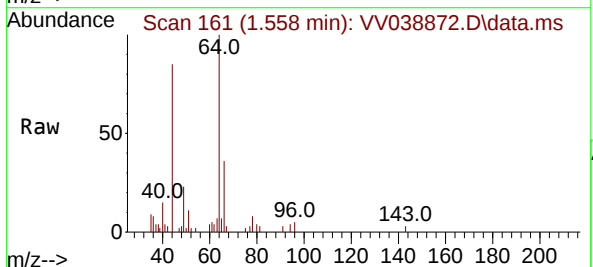
Instrument :
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Tgt Ion: 94 Resp: 11543
Ion Ratio Lower Upper
94 100
96 87.3 72.2 108.4



#6
Chloroethane
Concen: 2.884 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 64 Resp: 8077
Ion Ratio Lower Upper
64 100
66 36.2 25.4 38.0

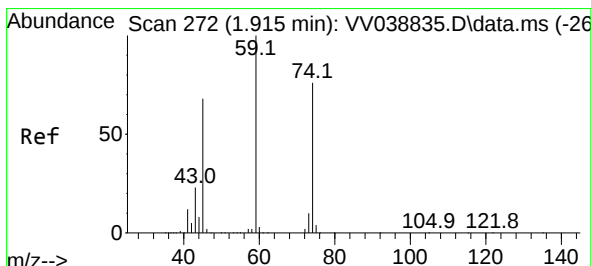
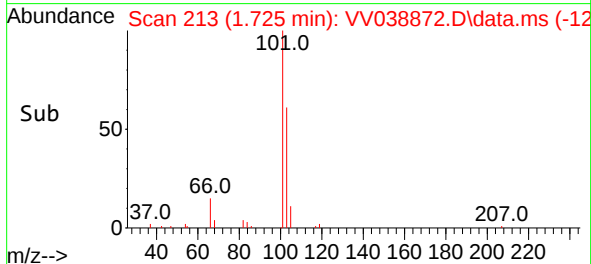
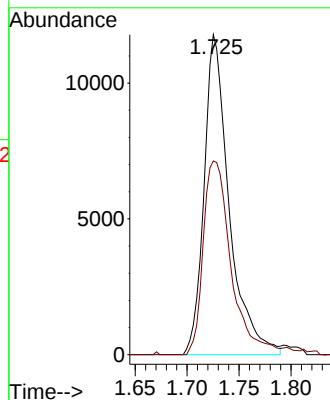
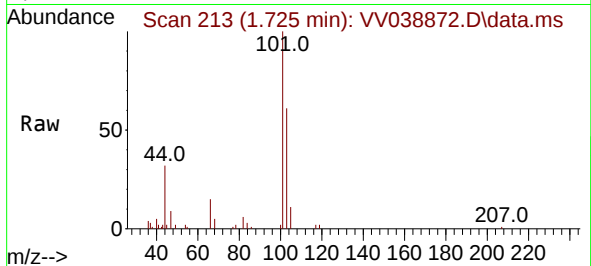




#7
 Trichlorofluoromethane
 Concen: 2.679 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

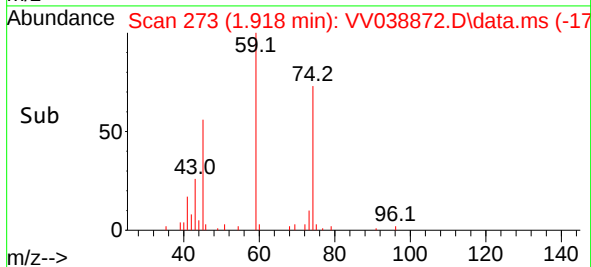
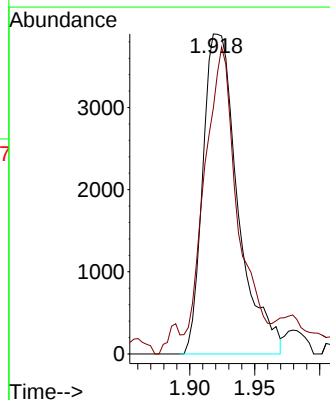
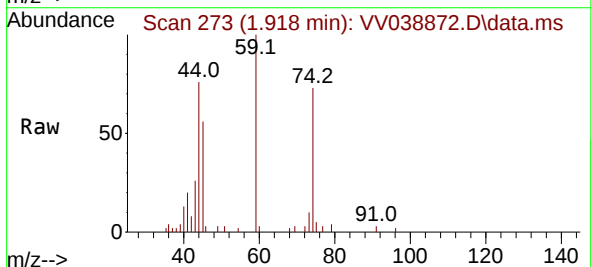
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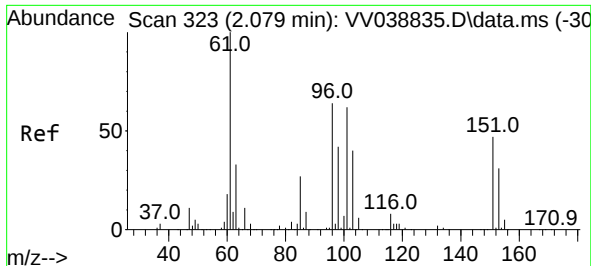
Tgt Ion:101 Resp: 19798
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.8 79.2



#8
 Diethyl Ether
 Concen: 2.832 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

Tgt Ion: 74 Resp: 7283
 Ion Ratio Lower Upper
 74 100
 45 79.2 43.9 131.7

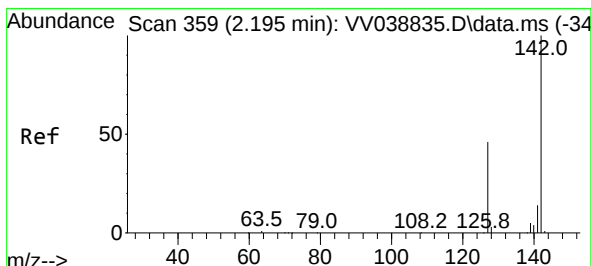
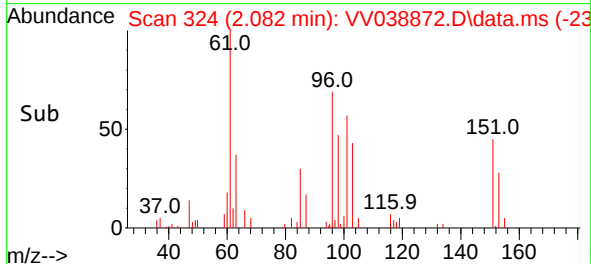
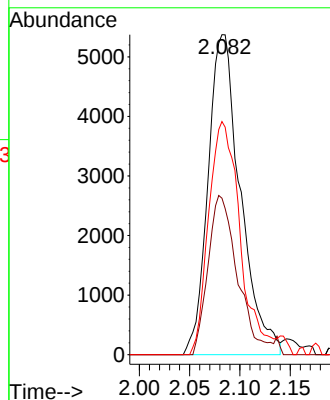
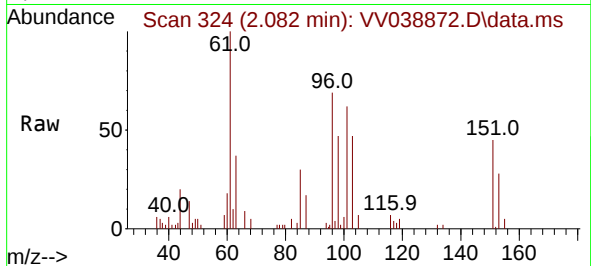




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.877 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

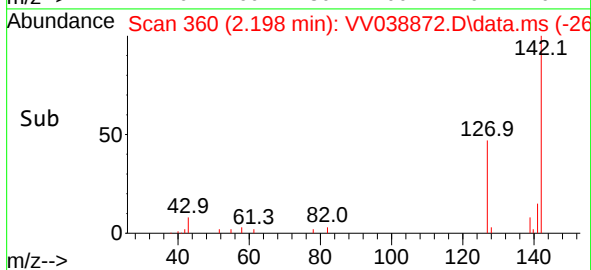
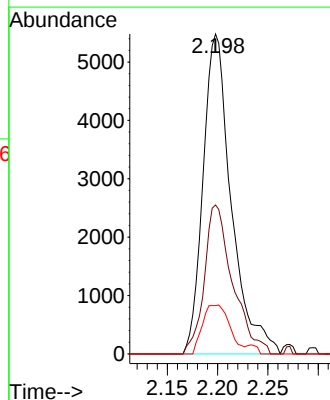
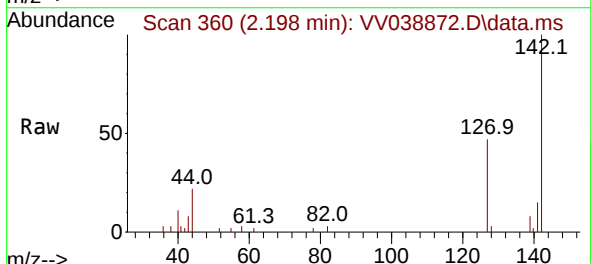
Instrument :
MSVOA_V
ClientSampleId :
MDL05

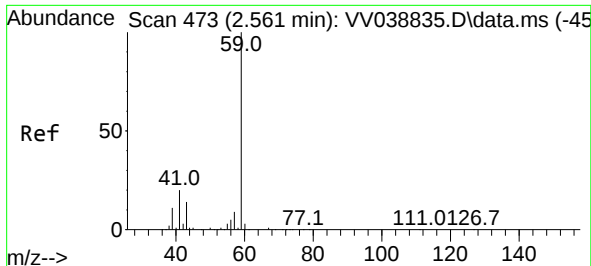
Tgt Ion:101 Resp: 12024
Ion Ratio Lower Upper
101 100
85 45.0 34.6 52.0
151 70.8 60.4 90.6



#10
Methyl Iodide
Concen: 2.020 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion:142 Resp: 10709
Ion Ratio Lower Upper
142 100
127 46.7 36.9 55.3
141 14.7 11.8 17.8

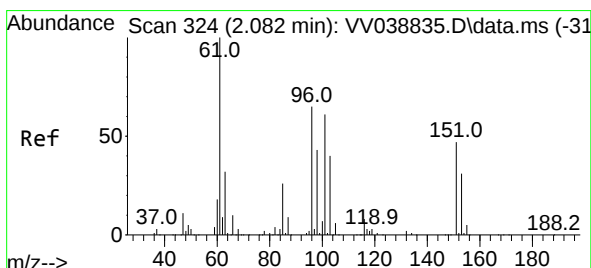
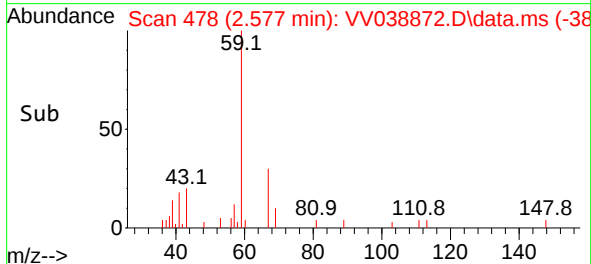
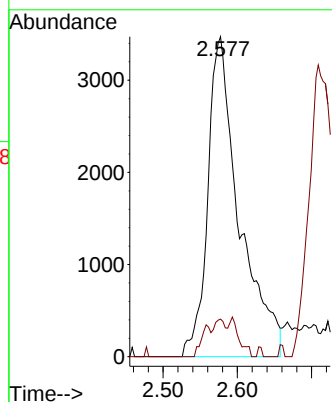
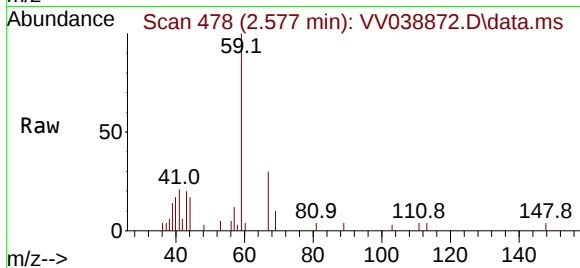




#11
Tert butyl alcohol
Concen: 18.088 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.016 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

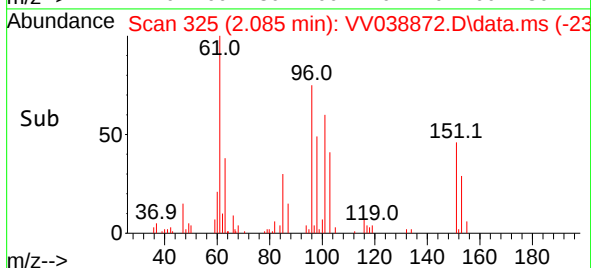
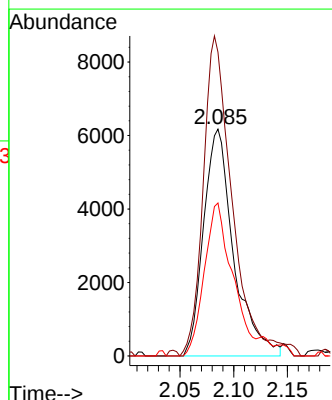
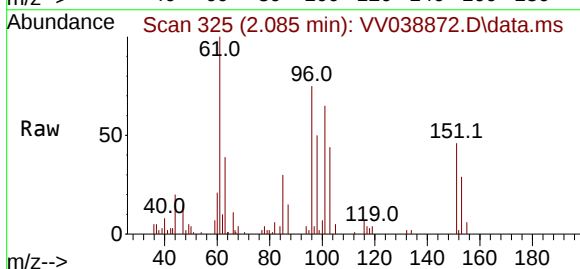
Instrument :
MSVOA_V
ClientSampleId :
MDL05

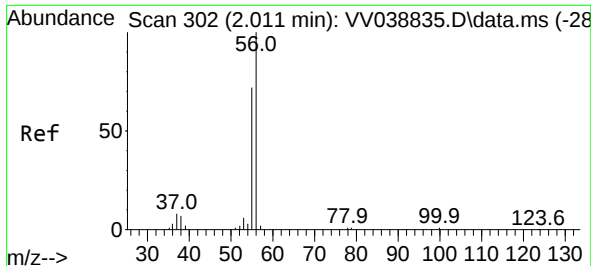
Tgt Ion: 59 Resp: 10206
Ion Ratio Lower Upper
59 100
57 4.7 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 3.024 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 96 Resp: 12012
Ion Ratio Lower Upper
96 100
61 133.9 123.5 185.3
98 67.4 52.5 78.7

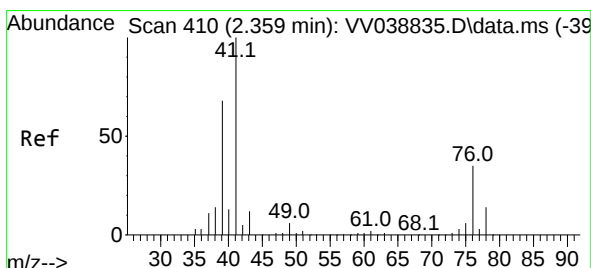
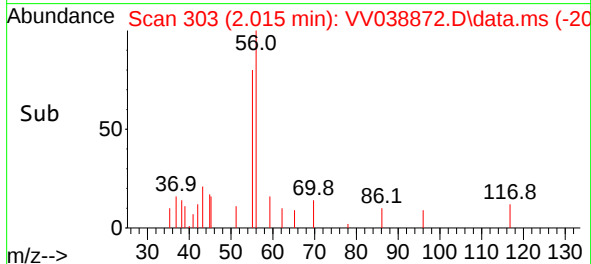
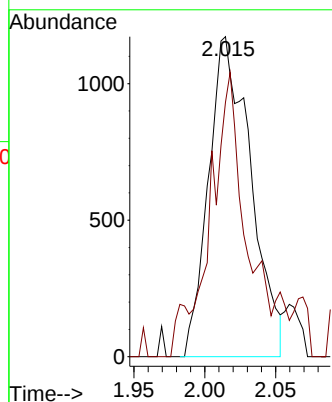
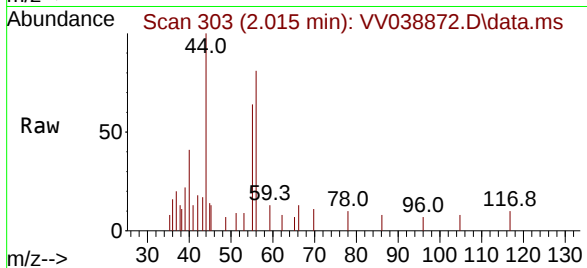




#13
Acrolein
Concen: 17.226 ug/l
RT: 2.015 min Scan# 302
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

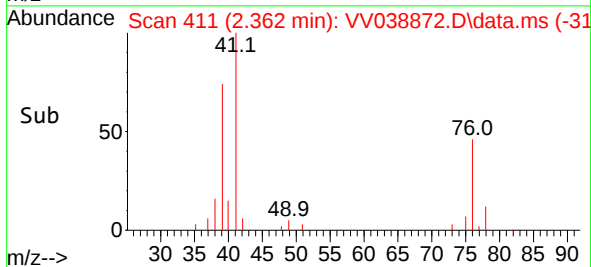
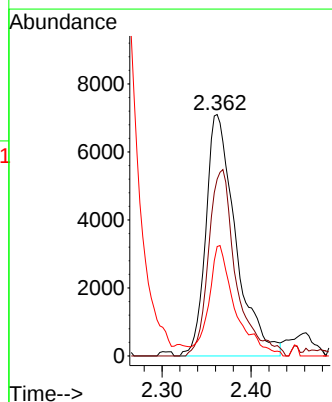
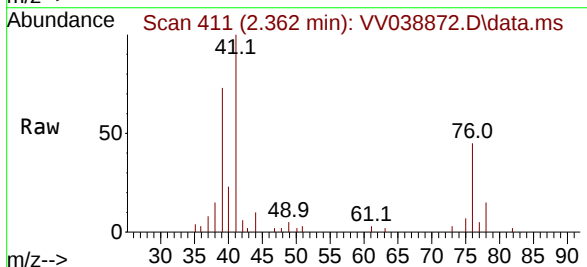
Instrument :
MSVOA_V
ClientSampleId :
MDL05

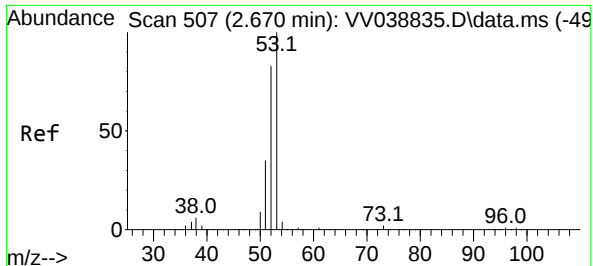
Tgt Ion: 56 Resp: 2427
Ion Ratio Lower Upper
56 100
55 69.5 53.4 80.2



#14
Allyl chloride
Concen: 3.093 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 41 Resp: 16523
Ion Ratio Lower Upper
41 100
39 71.0 51.0 76.4
76 40.7 33.6 50.4

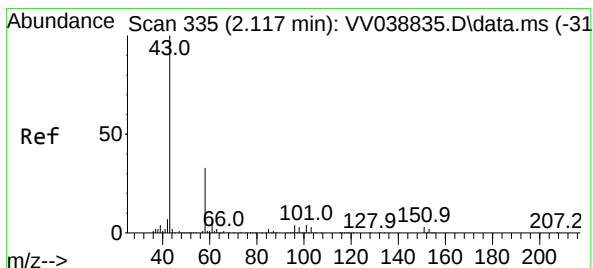
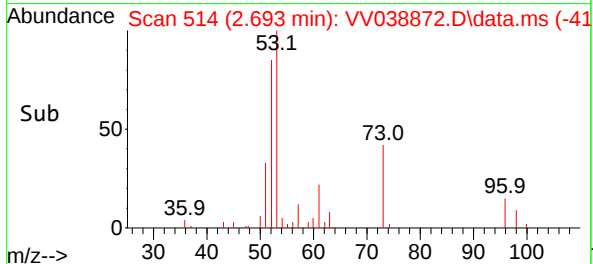
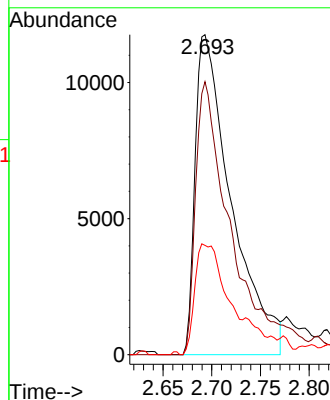
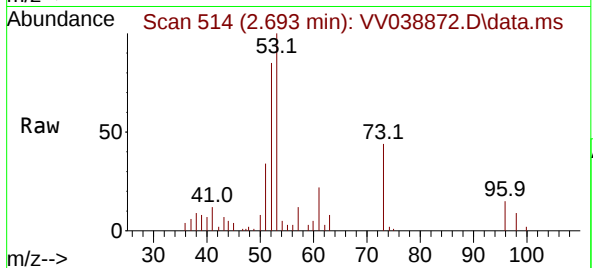




#15
Acrylonitrile
Concen: 15.360 ug/l
RT: 2.693 min Scan# 514
Delta R.T. 0.023 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

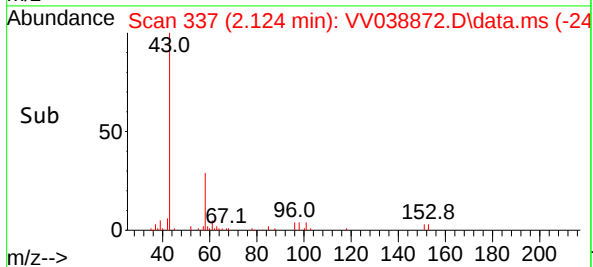
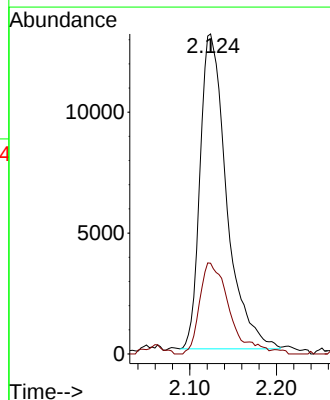
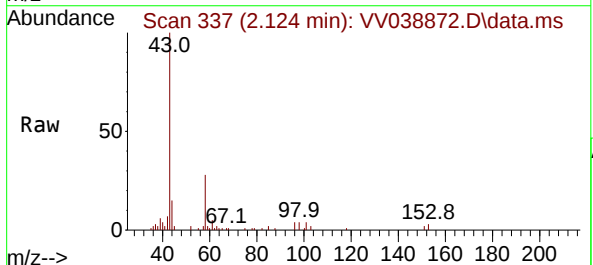
Instrument :
MSVOA_V
ClientSampleId :
MDL05

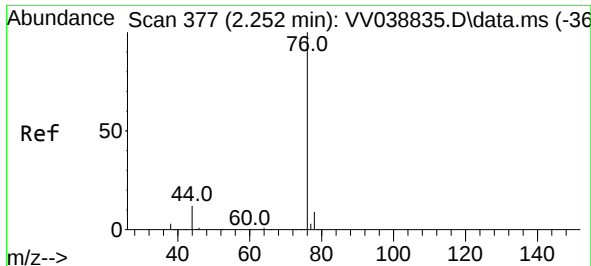
Tgt Ion:	53	Resp:	30317
Ion	Ratio	Lower	Upper
53	100		
52	84.8	65.8	98.6
51	36.2	28.5	42.7



#16
Acetone
Concen: 19.289 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion:	43	Resp:	27787
Ion	Ratio	Lower	Upper
43	100		
58	28.8	27.0	40.4

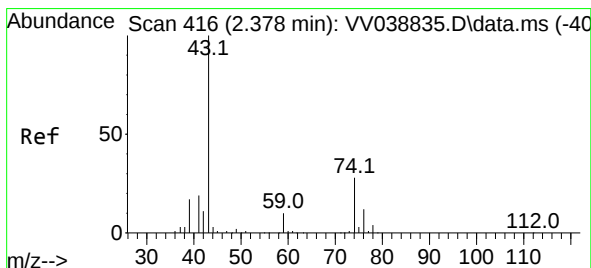
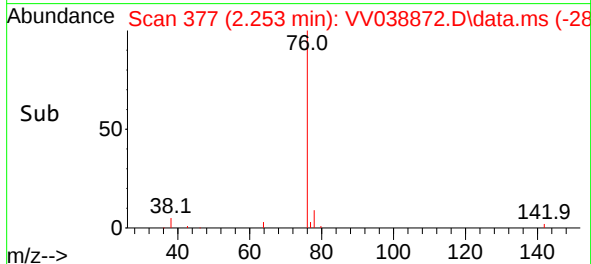
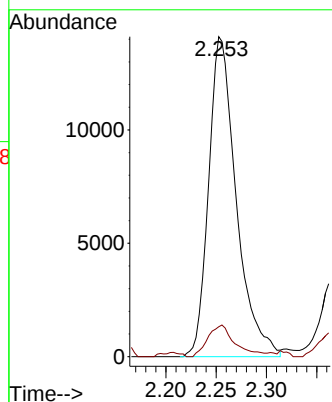
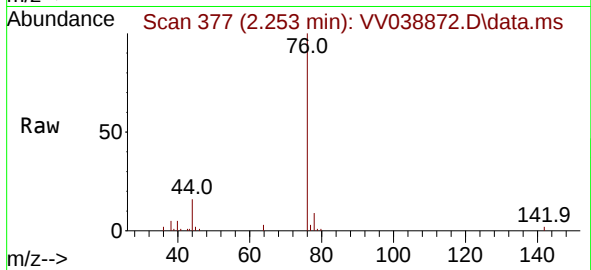




#17
Carbon Disulfide
Concen: 2.928 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

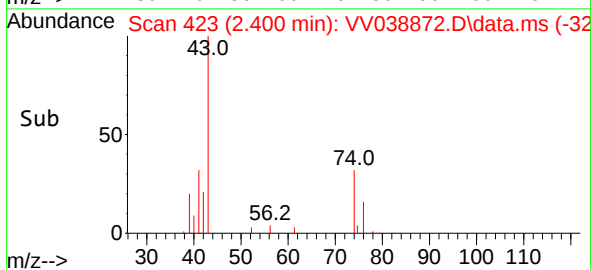
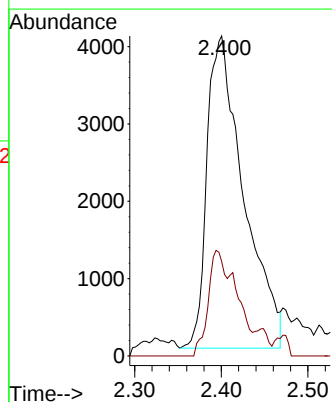
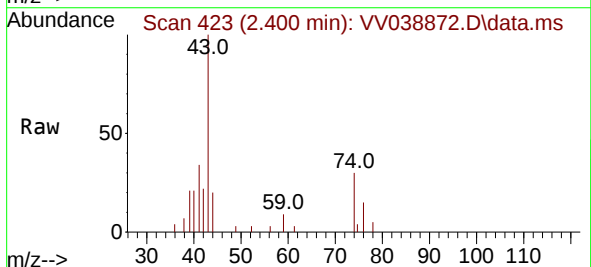
Instrument :
MSVOA_V
ClientSampleId :
MDL05

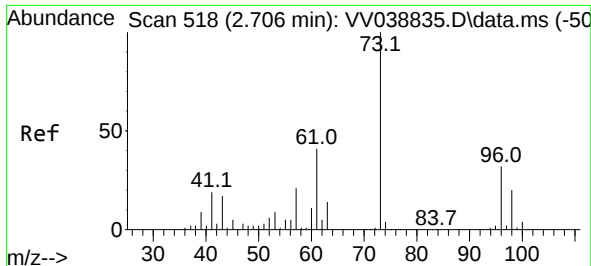
Tgt Ion: 76 Resp: 26938
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 2.422 ug/l
RT: 2.400 min Scan# 423
Delta R.T. 0.023 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 43 Resp: 11899
Ion Ratio Lower Upper
43 100
74 26.0 21.4 32.0





#19

Methyl tert-butyl Ether

Concen: 2.799 ug/l

RT: 2.712 min Scan# 518

Delta R.T. 0.007 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

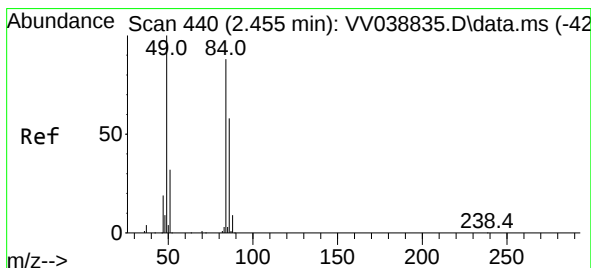
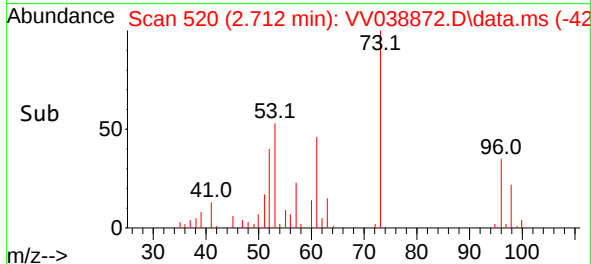
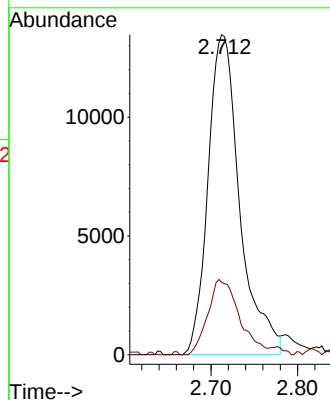
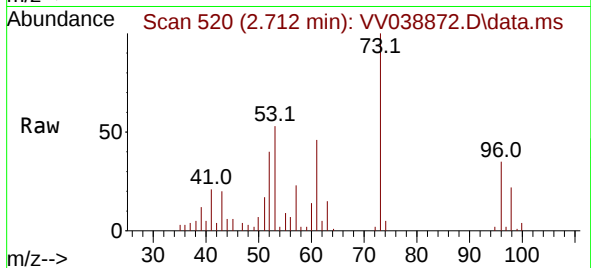
MDL05

Tgt Ion: 73 Resp: 34377

Ion Ratio Lower Upper

73 100

57 22.6 17.0 25.4



#20

Methylene Chloride

Concen: 3.515 ug/l

RT: 2.458 min Scan# 441

Delta R.T. 0.003 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Tgt Ion: 84 Resp: 16732

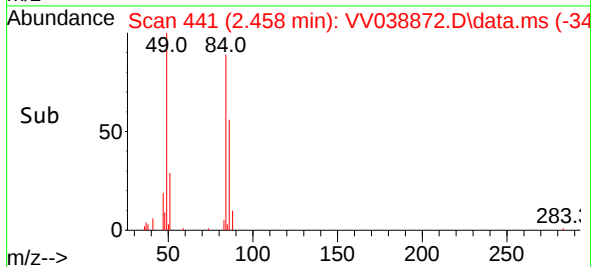
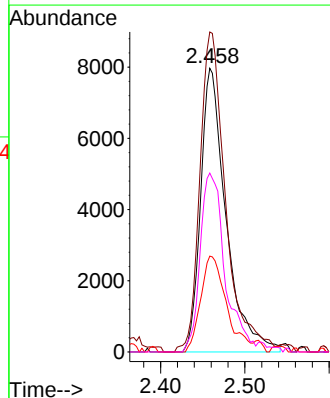
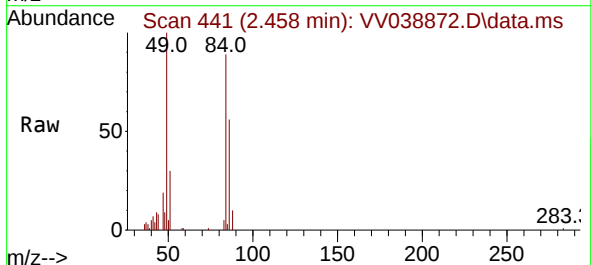
Ion Ratio Lower Upper

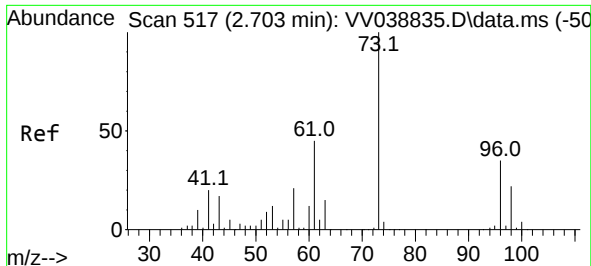
84 100

49 110.8 91.0 136.4

51 33.8 29.4 44.2

86 63.0 53.2 79.8

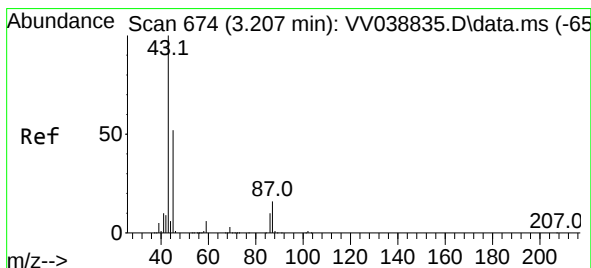
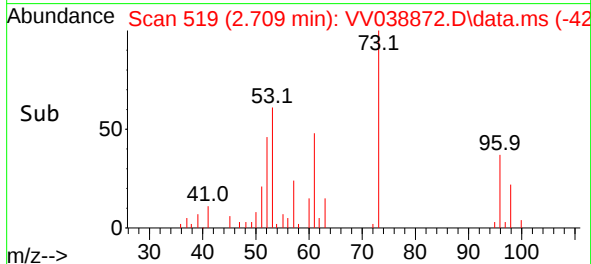
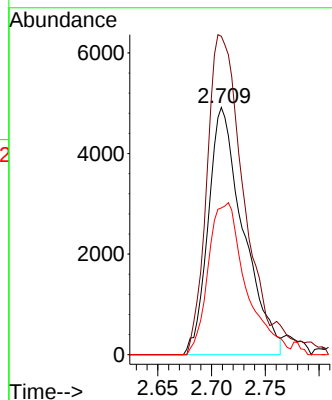
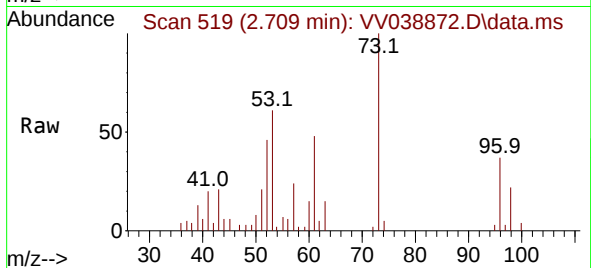




#21
trans-1,2-Dichloroethene
Concen: 2.812 ug/l
RT: 2.709 min Scan# 517
Delta R.T. 0.007 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

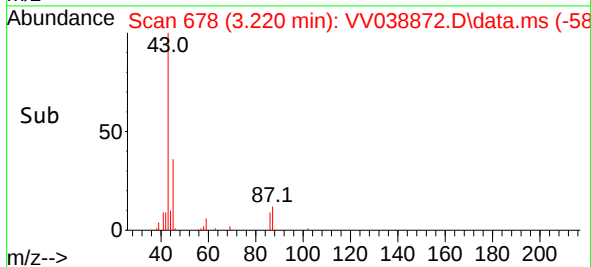
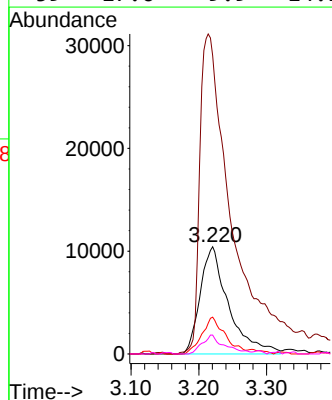
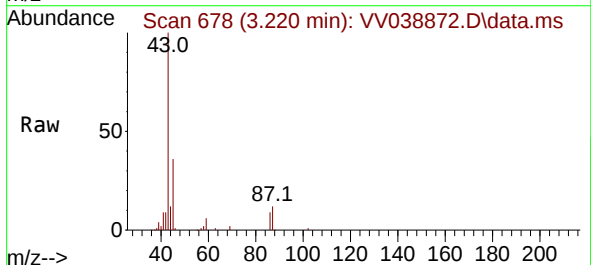
Instrument :
MSVOA_V
ClientSampleId :
MDL05

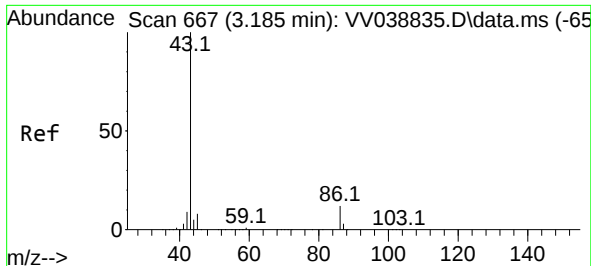
Tgt Ion: 96 Resp: 11171
Ion Ratio Lower Upper
96 100
61 128.8 102.8 154.2
98 59.4 50.9 76.3



#22
Diisopropyl ether
Concen: 2.779 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.013 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 45 Resp: 30431
Ion Ratio Lower Upper
45 100
43 277.1 153.1 229.7#
87 34.3 25.2 37.8
59 17.6 9.9 14.9#

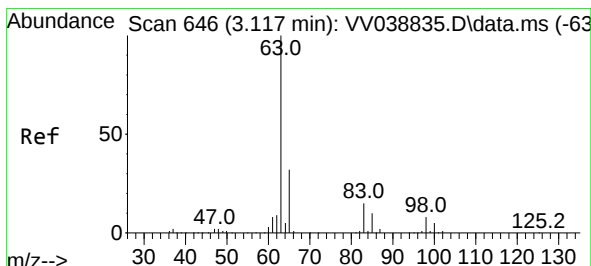
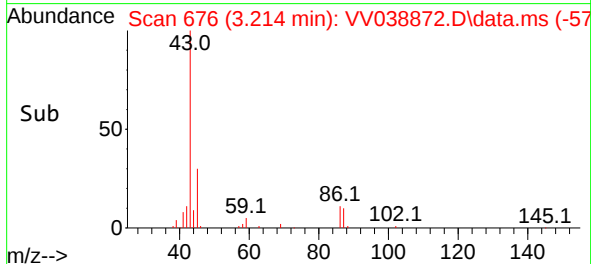
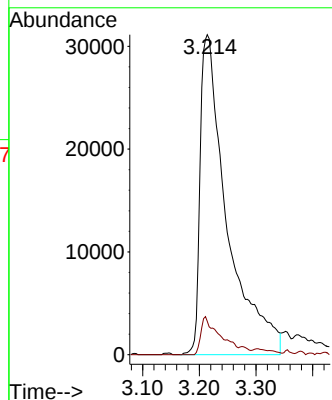
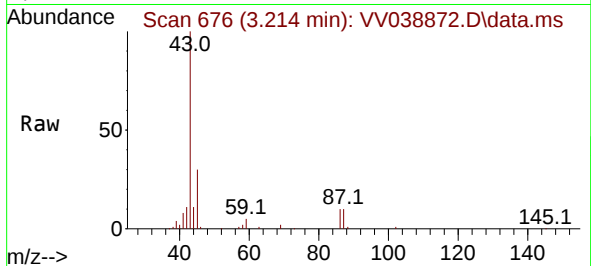




#23
 Vinyl Acetate
 Concen: 12.993 ug/l
 RT: 3.214 min Scan# 61
 Delta R.T. 0.029 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

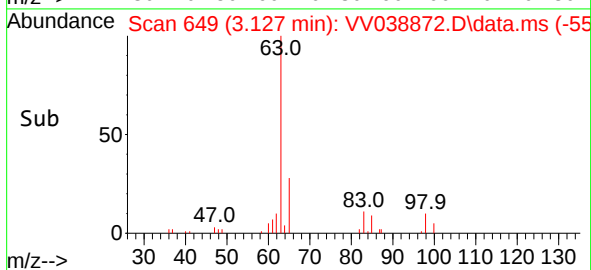
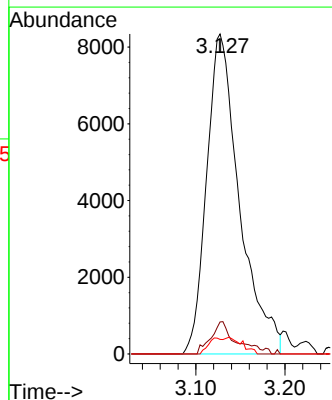
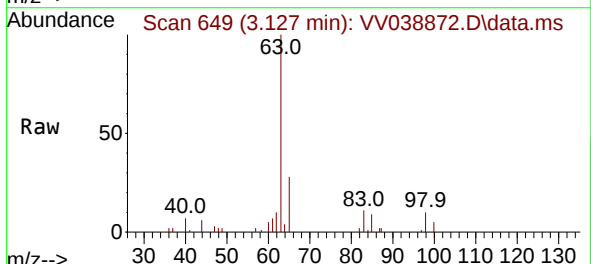
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

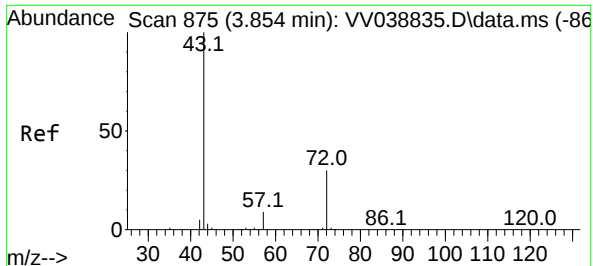
Tgt Ion: 43 Resp: 102605
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 2.894 ug/l
 RT: 3.127 min Scan# 649
 Delta R.T. 0.010 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

Tgt Ion: 63 Resp: 21363
 Ion Ratio Lower Upper
 63 100
 98 10.0 4.1 12.3
 100 4.6 2.4 7.2

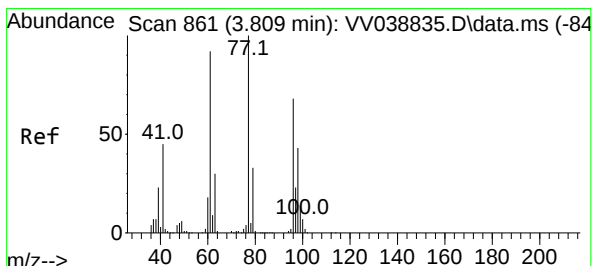
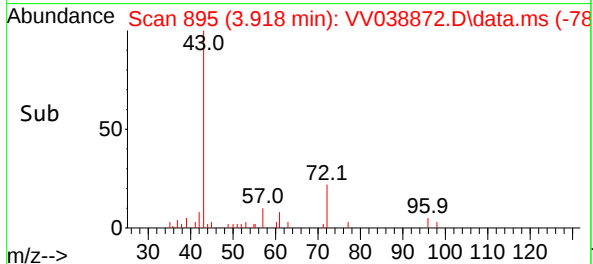
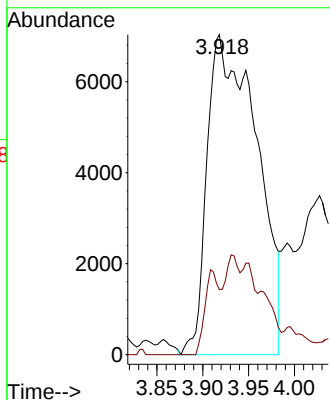
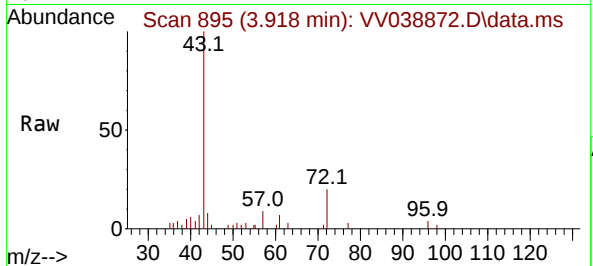




#25
2-Butanone
Concen: 12.372 ug/l m
RT: 3.918 min Scan# 895
Delta R.T. 0.064 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

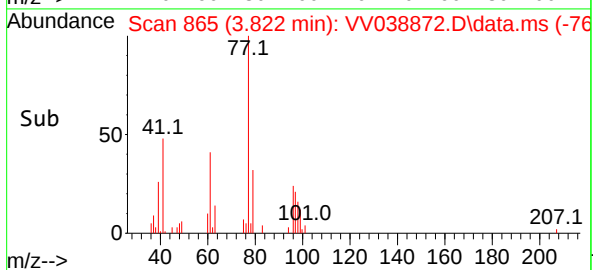
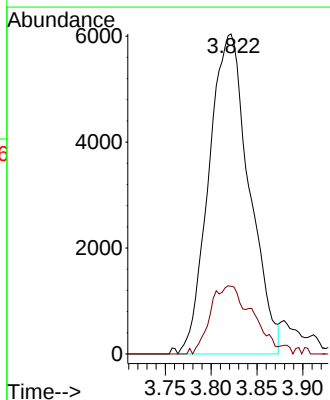
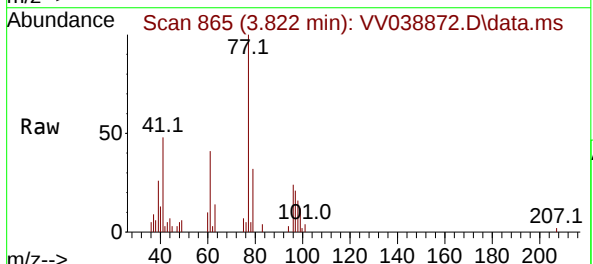
Instrument :
MSVOA_V
ClientSampleId :
MDL05

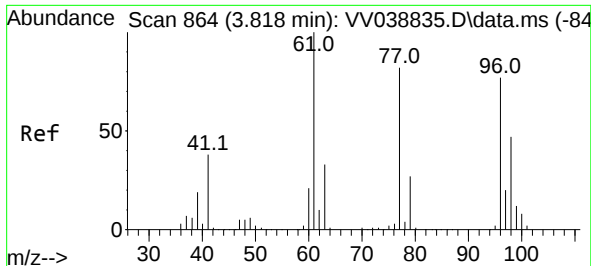
Tgt Ion: 43 Resp: 26356
Ion Ratio Lower Upper
43 100
72 20.3 23.8 35.8#



#26
2,2-Dichloropropane
Concen: 2.708 ug/l
RT: 3.822 min Scan# 865
Delta R.T. 0.013 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 77 Resp: 18528
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.4



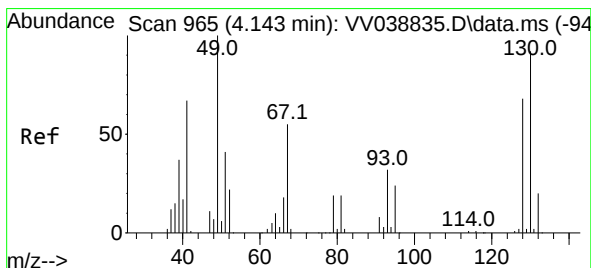
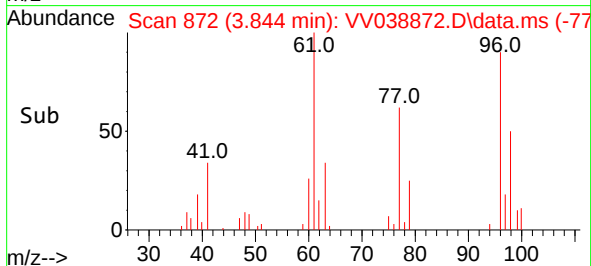
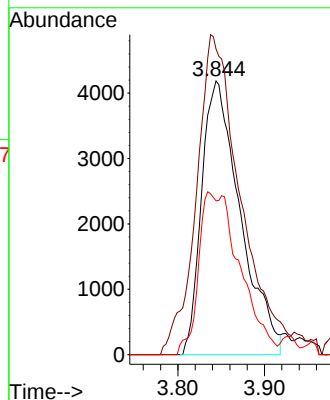
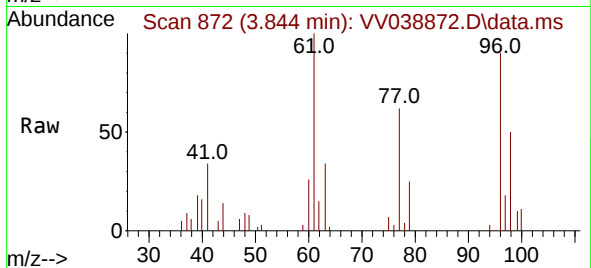


#27
 cis-1,2-Dichloroethene
 Concen: 2.807 ug/l
 RT: 3.844 min Scan# 81
 Delta R.T. 0.026 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tgt Ion: 96 Resp: 12994

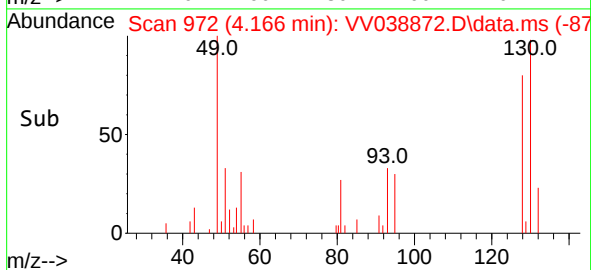
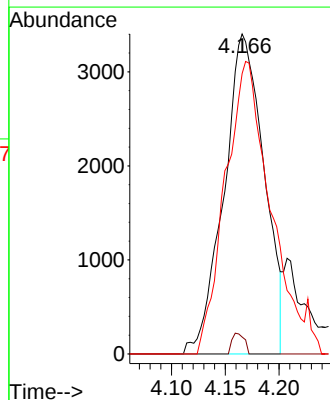
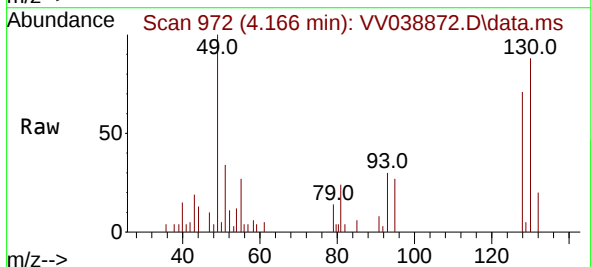
Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	268.4
98	27.4	0.0	128.0

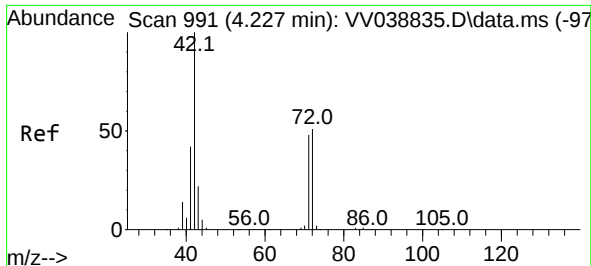


#28
 Bromochloromethane
 Concen: 2.796 ug/l
 RT: 4.166 min Scan# 972
 Delta R.T. 0.023 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

Tgt Ion: 49 Resp: 8821

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	101.5	72.5	108.7





#29

Tetrahydrofuran

Concen: 13.568 ug/l

RT: 4.256 min Scan# 1000

Delta R.T. 0.029 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

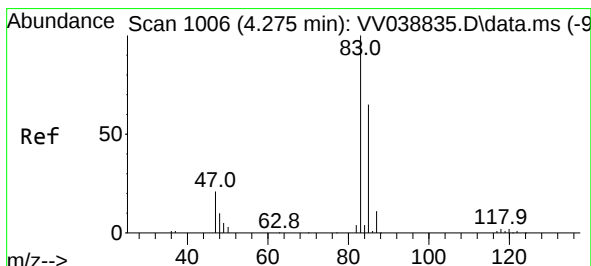
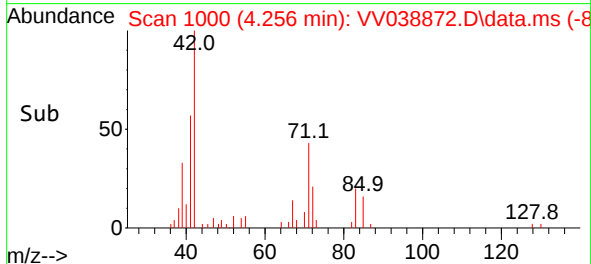
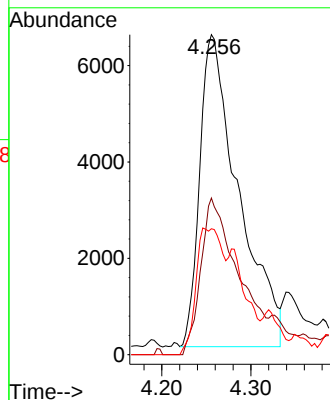
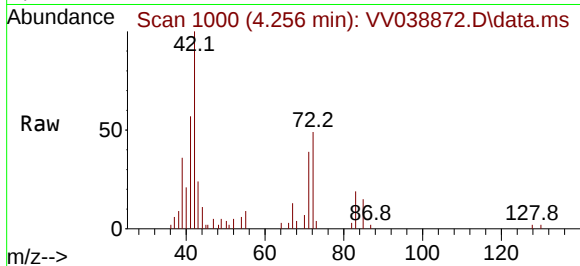
Tgt Ion: 42 Resp: 19576

Ion Ratio Lower Upper

42 100

72 49.1 41.3 61.9

71 27.9 39.2 58.8#



#30

Chloroform

Concen: 3.105 ug/l

RT: 4.285 min Scan# 1009

Delta R.T. 0.010 min

Lab File: VV038872.D

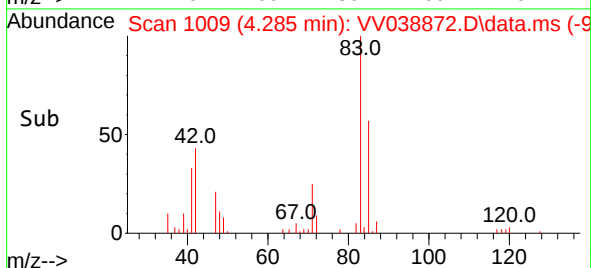
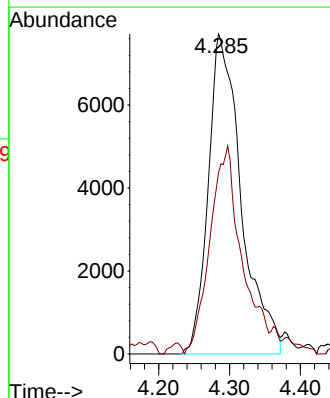
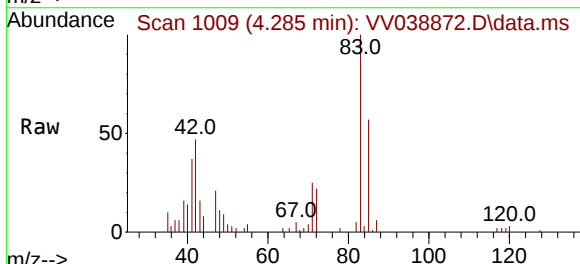
Acq: 07 Jul 2025 16:09

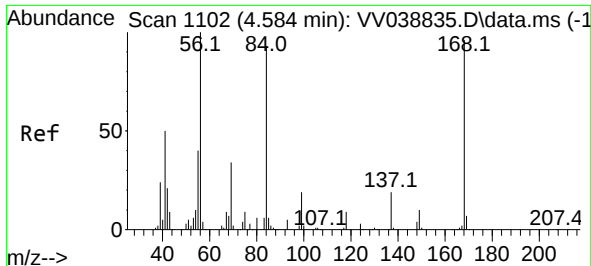
Tgt Ion: 83 Resp: 24980

Ion Ratio Lower Upper

83 100

85 53.9 51.8 77.6

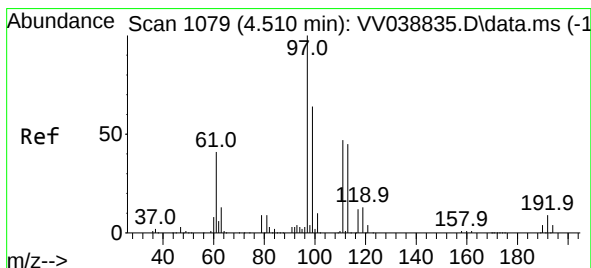
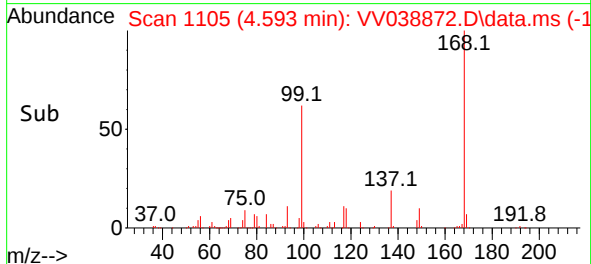
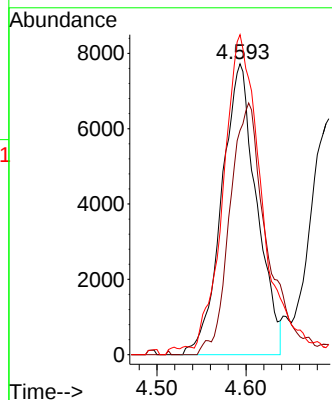
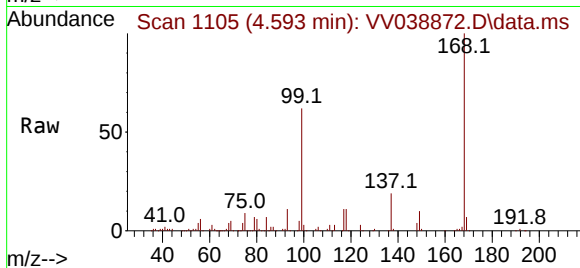




#31
Cyclohexane
Concen: 3.591 ug/l
RT: 4.593 min Scan# 1102
Delta R.T. 0.010 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

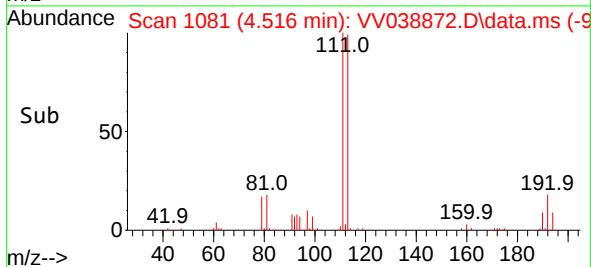
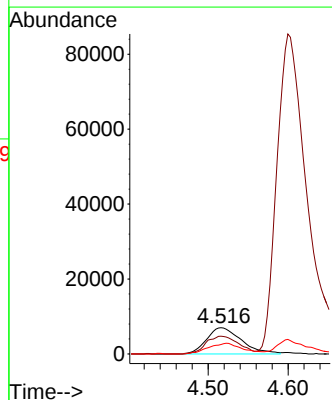
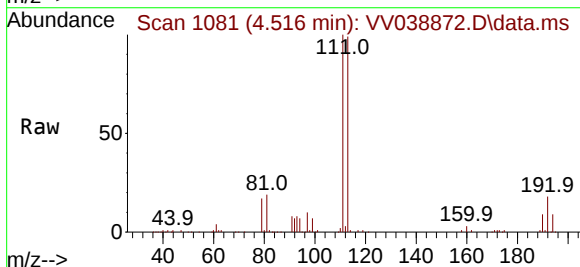
Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 56 Resp: 20994
Ion Ratio Lower Upper
56 100
69 77.1 27.0 40.4#
84 108.0 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 2.849 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 97 Resp: 21272
Ion Ratio Lower Upper
97 100
99 63.3 48.8 73.2
61 39.6 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 62.053 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

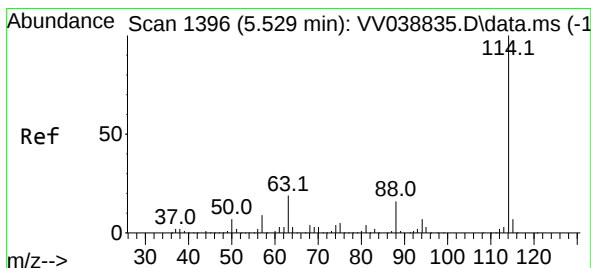
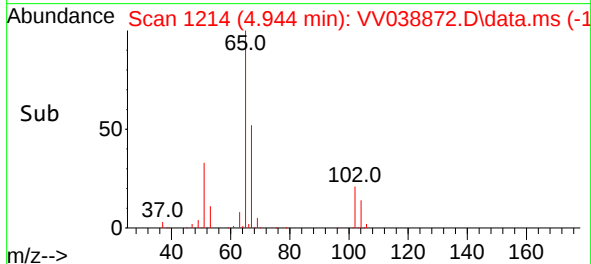
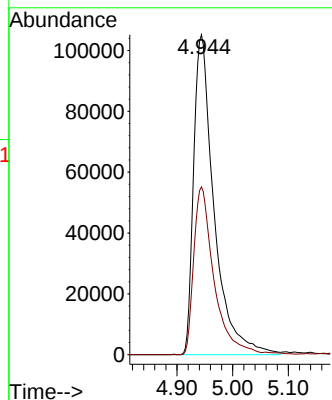
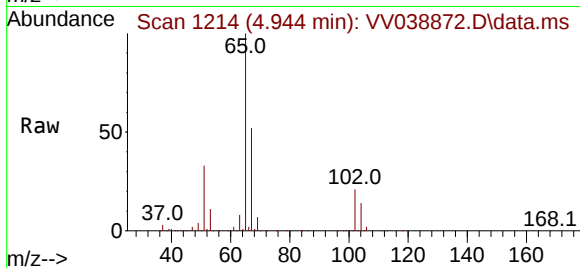
MDL05

Tgt Ion: 65 Resp: 268239

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

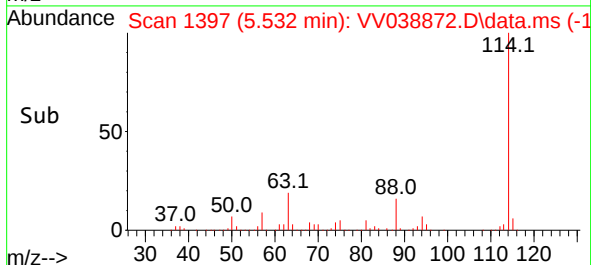
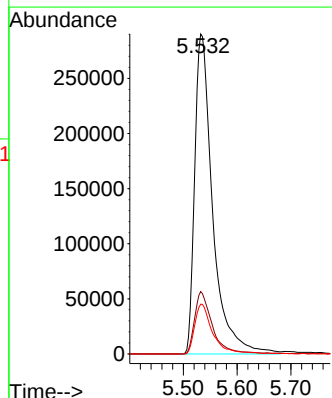
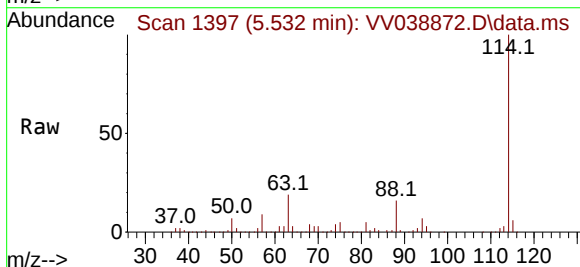
Tgt Ion: 114 Resp: 674253

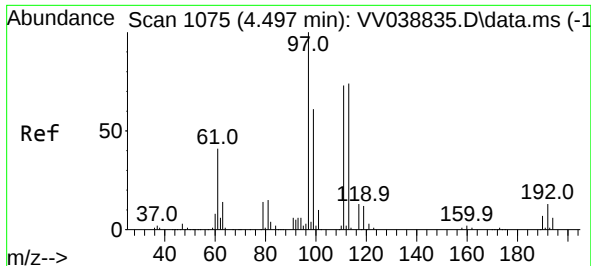
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 15.6 0.0 31.2

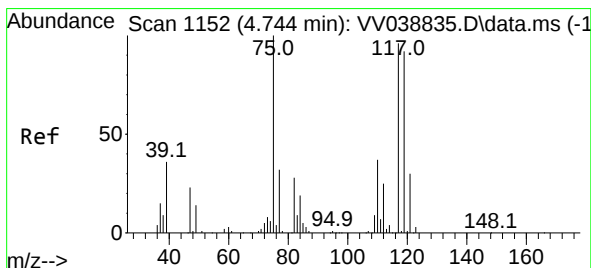
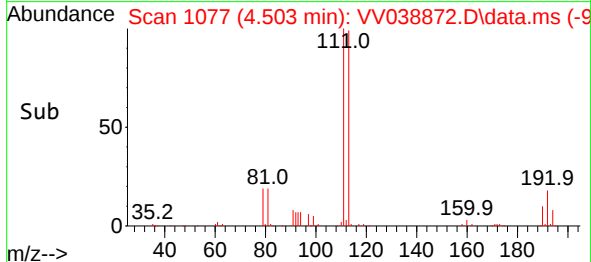
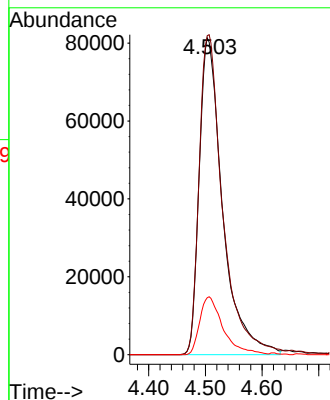
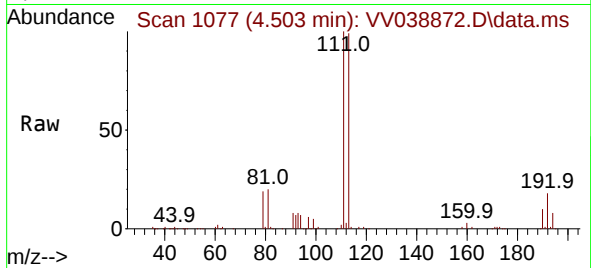




#35
 Dibromofluoromethane
 Concen: 54.601 ug/l
 RT: 4.503 min Scan# 1107
 Delta R.T. 0.007 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

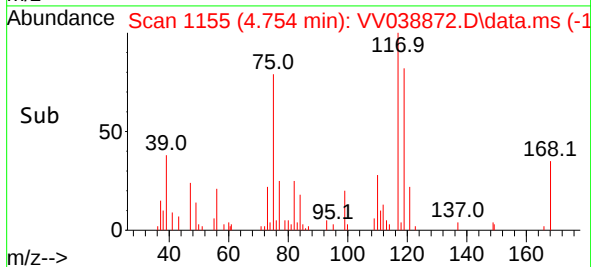
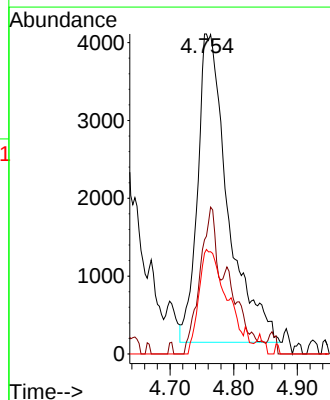
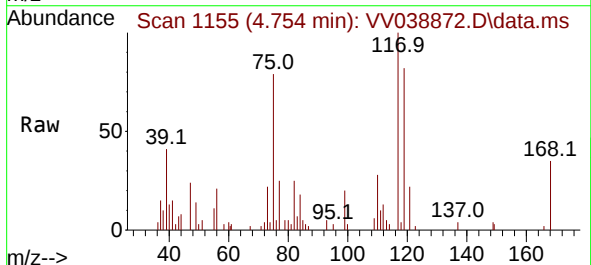
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

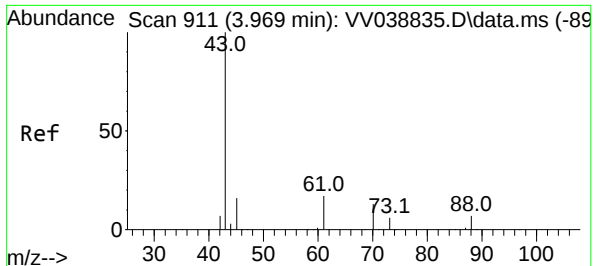
Tgt Ion:113 Resp: 233195
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 18.3 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 2.534 ug/l
 RT: 4.754 min Scan# 1155
 Delta R.T. 0.010 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

Tgt Ion: 75 Resp: 13135
 Ion Ratio Lower Upper
 75 100
 110 27.4 19.3 57.9
 77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 5.068 ug/l m

RT: 3.918 min Scan# 895

Delta R.T. -0.051 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

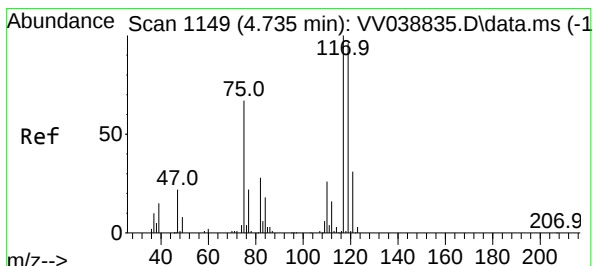
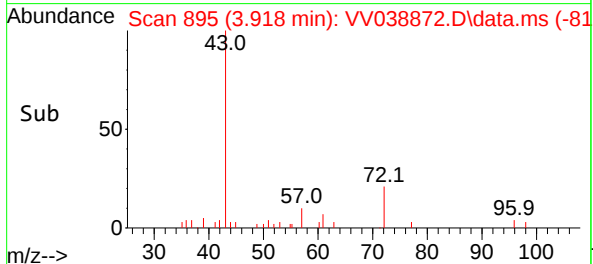
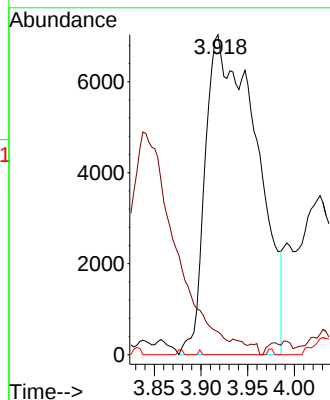
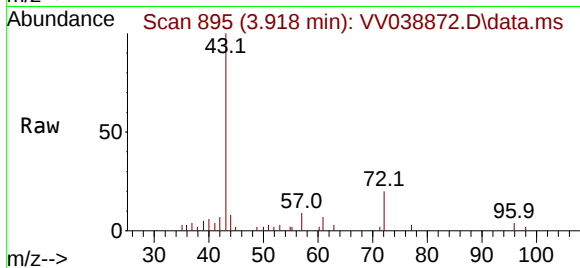
Tgt Ion: 43 Resp: 26799

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 2.763 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

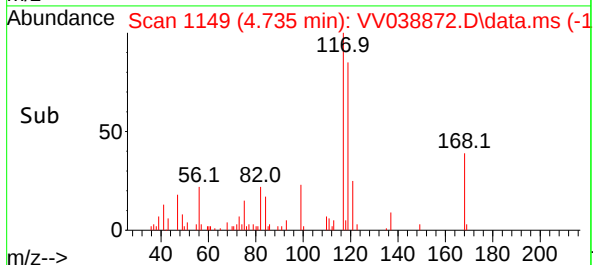
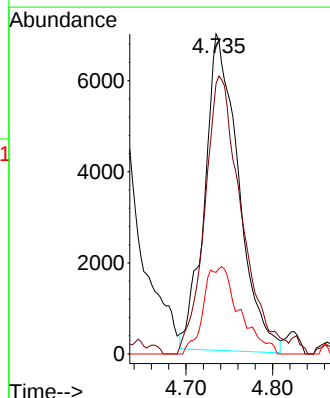
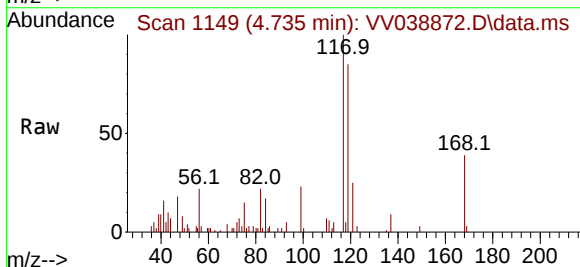
Tgt Ion: 117 Resp: 18846

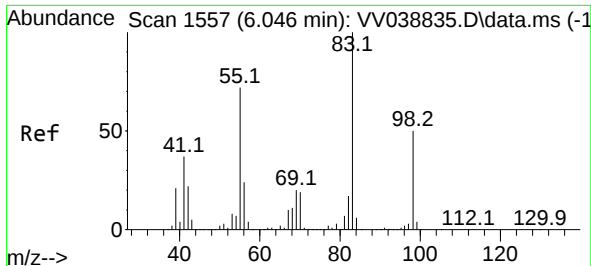
Ion Ratio Lower Upper

117 100

119 85.8 76.5 114.7

121 26.6 25.0 37.6





#39

Methylcyclohexane

Concen: 2.390 ug/l

RT: 6.053 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

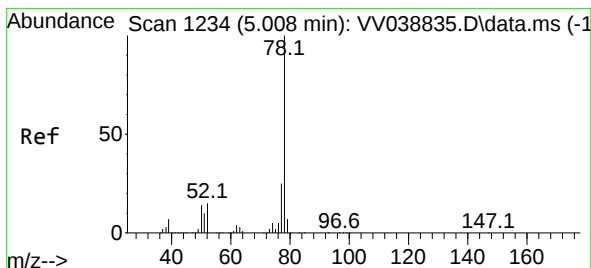
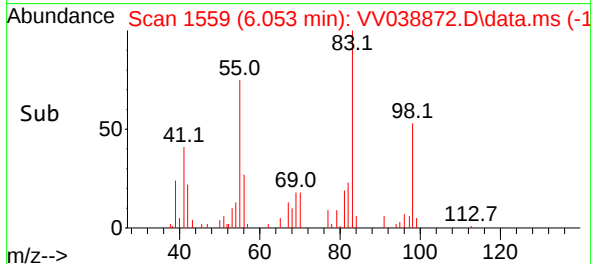
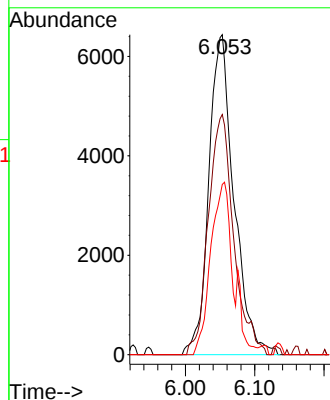
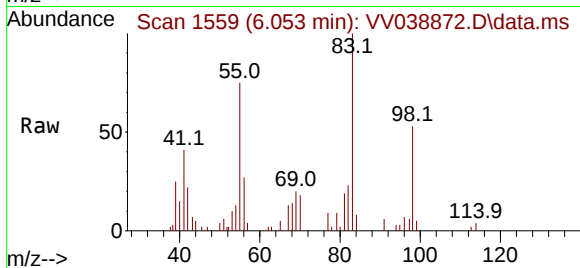
Tgt Ion: 83 Resp: 16197

Ion Ratio Lower Upper

83 100

55 75.0 57.7 86.5

98 53.2 40.2 60.2



#40

Benzene

Concen: 2.668 ug/l

RT: 5.024 min Scan# 1239

Delta R.T. 0.016 min

Lab File: VV038872.D

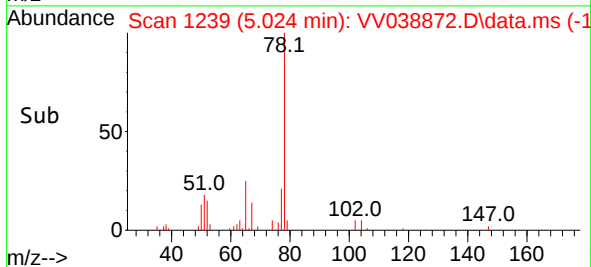
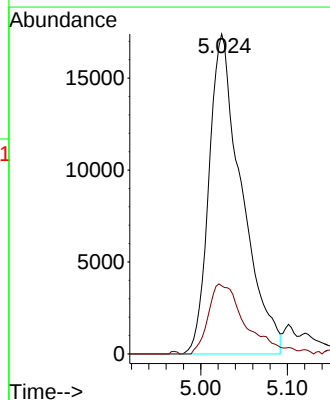
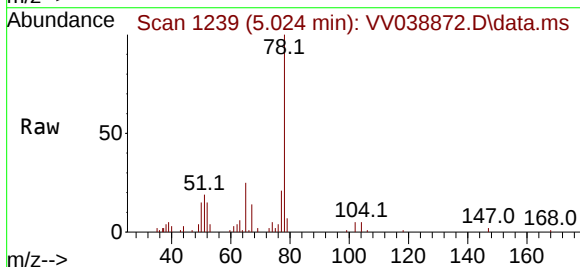
Acq: 07 Jul 2025 16:09

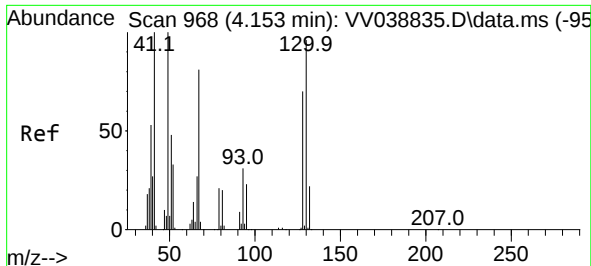
Tgt Ion: 78 Resp: 45660

Ion Ratio Lower Upper

78 100

77 21.3 19.6 29.4

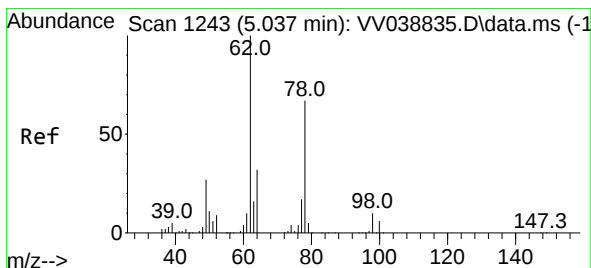
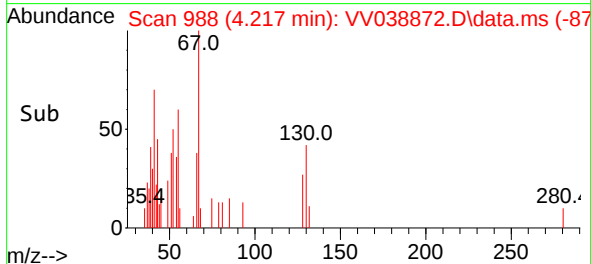
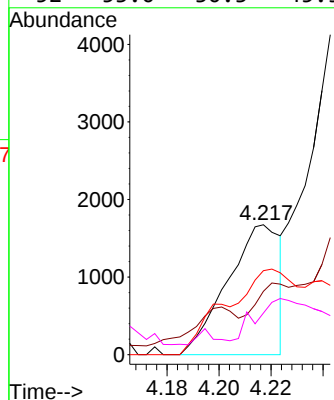
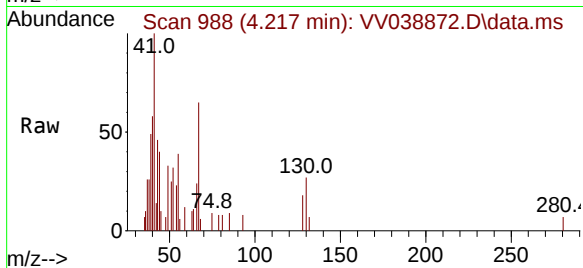




#41
Methacrylonitrile
Concen: 1.038 ug/l
RT: 4.217 min Scan# 91
Delta R.T. 0.064 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

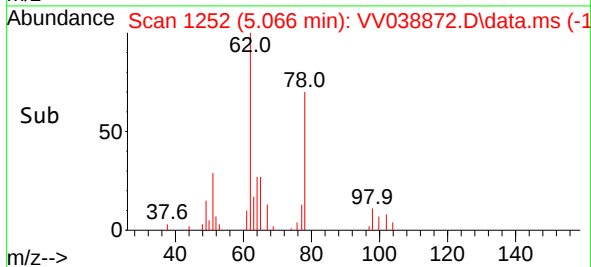
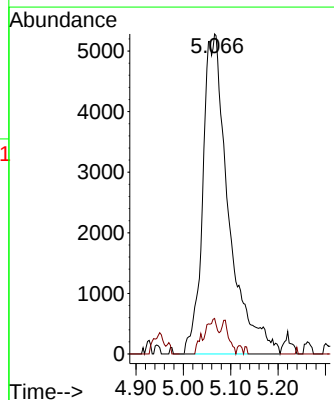
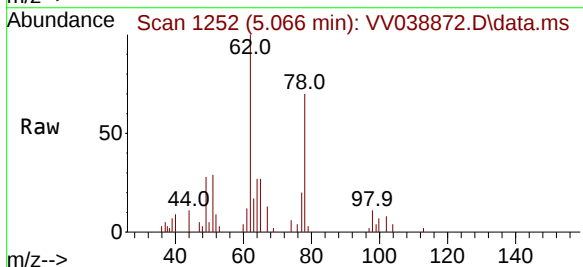
Instrument :
MSVOA_V
ClientSampleId :
MDL05

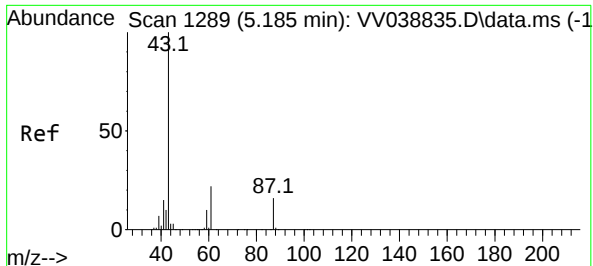
Tgt Ion:	41	Resp:	2358
Ion	Ratio	Lower	Upper
41	100		
39	28.5	43.8	65.8#
67	91.2	78.8	118.2
52	53.0	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 3.296 ug/l m
RT: 5.066 min Scan# 1252
Delta R.T. 0.029 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion:	62	Resp:	19969
Ion	Ratio	Lower	Upper
62	100		
98	4.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 2.268 ug/l

RT: 5.220 min Scan# 11

Delta R.T. 0.035 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

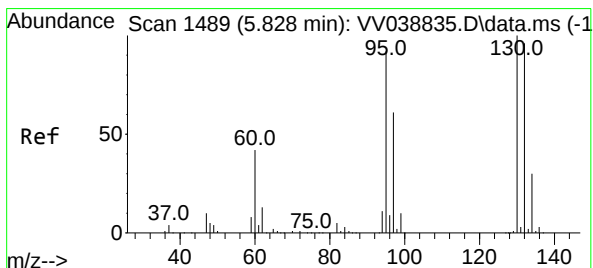
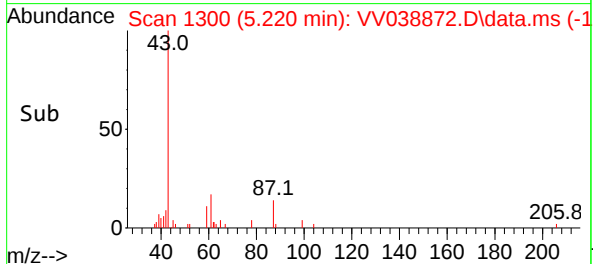
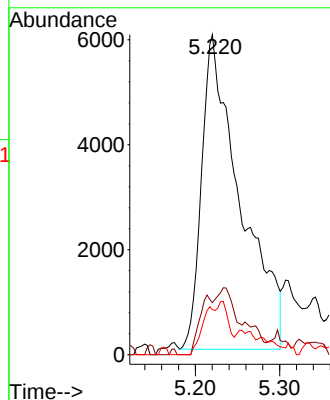
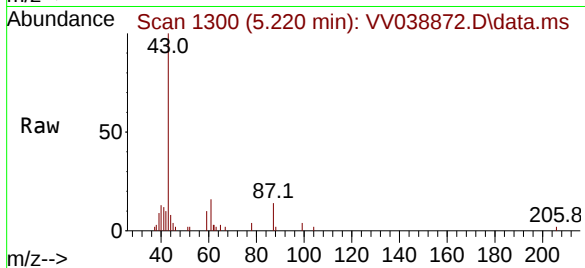
Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 43	Resp: 19130
Ion Ratio	Lower Upper
43	100
61	6.4 17.0 25.6#
87	5.4 13.0 19.6#



#44

Trichloroethene

Concen: 2.795 ug/l

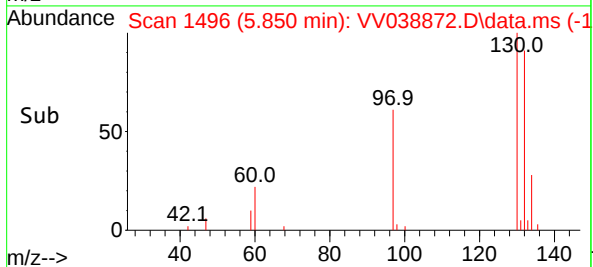
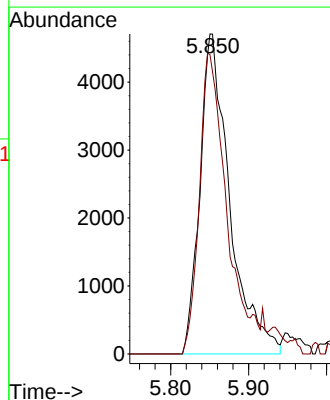
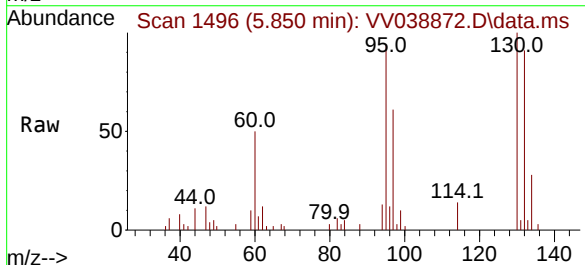
RT: 5.850 min Scan# 1496

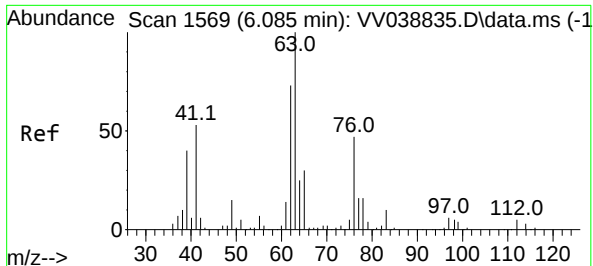
Delta R.T. 0.023 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Tgt Ion: 130	Resp: 12481
Ion Ratio	Lower Upper
130	100
95	93.6 0.0 184.4





#45

1,2-Dichloropropane

Concen: 2.414 ug/l

RT: 6.108 min Scan# 1

Delta R.T. 0.023 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

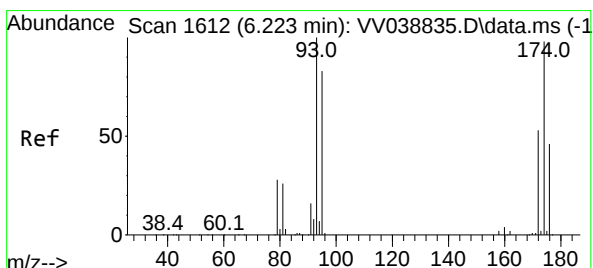
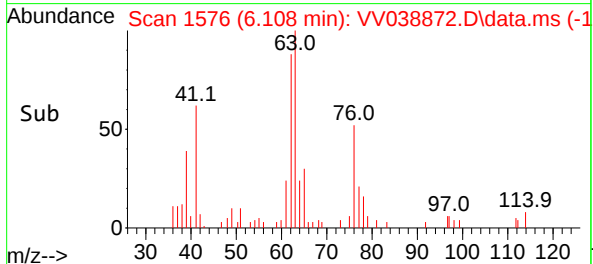
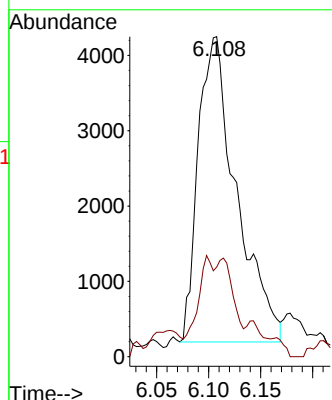
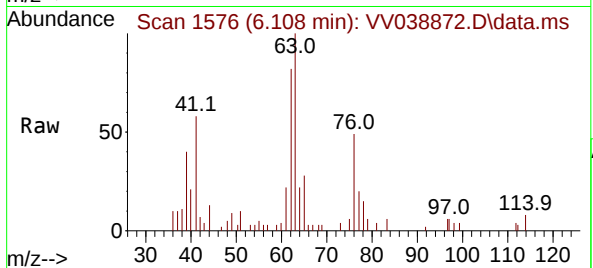
MDL05

Tgt Ion: 63 Resp: 10373

Ion Ratio Lower Upper

63 100

65 23.9 24.3 36.5#



#46

Dibromomethane

Concen: 2.723 ug/l

RT: 6.246 min Scan# 1619

Delta R.T. 0.023 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

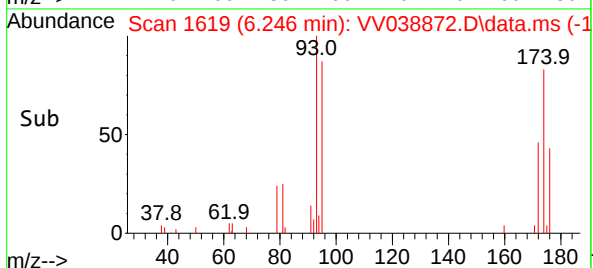
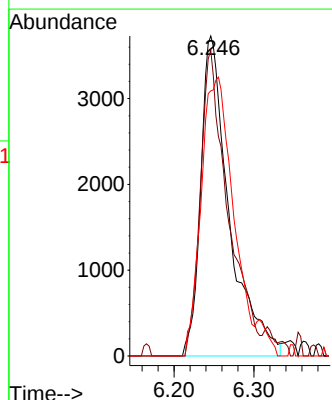
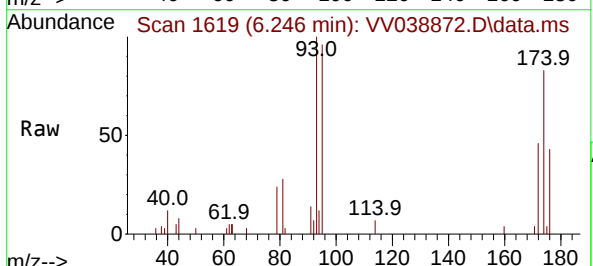
Tgt Ion: 93 Resp: 9230

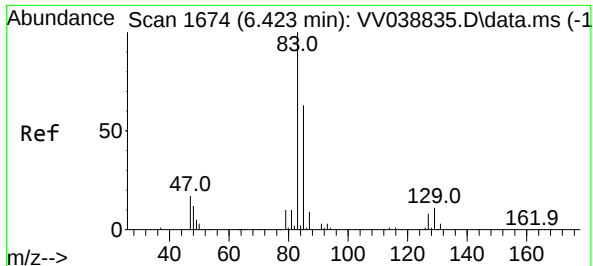
Ion Ratio Lower Upper

93 100

95 92.3 66.7 100.1

174 97.3 78.7 118.1





#47

Bromodichloromethane

Concen: 2.762 ug/l

RT: 6.439 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

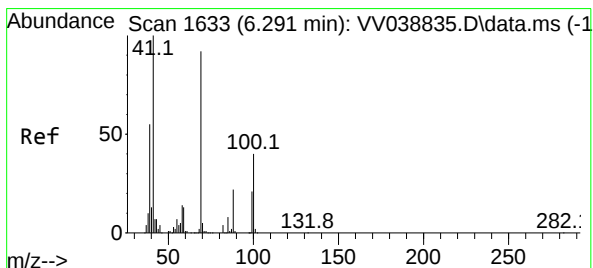
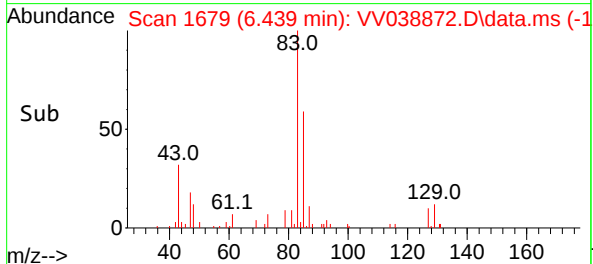
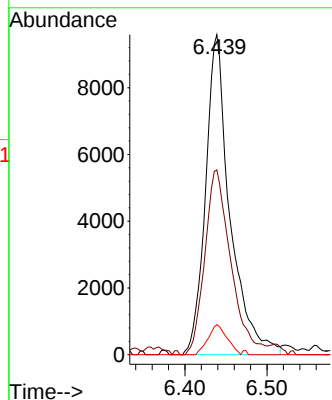
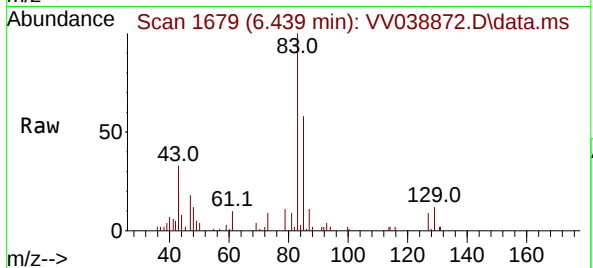
Tgt Ion: 83 Resp: 19825

Ion Ratio Lower Upper

83 100

85 57.7 50.1 75.1

127 9.4 6.6 10.0



#48

Methyl methacrylate

Concen: 2.615 ug/l m

RT: 6.339 min Scan# 1648

Delta R.T. 0.048 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

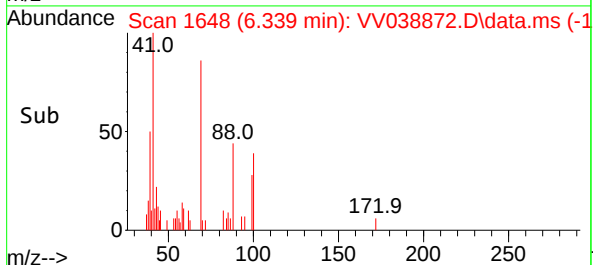
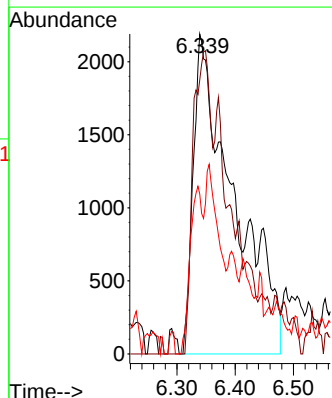
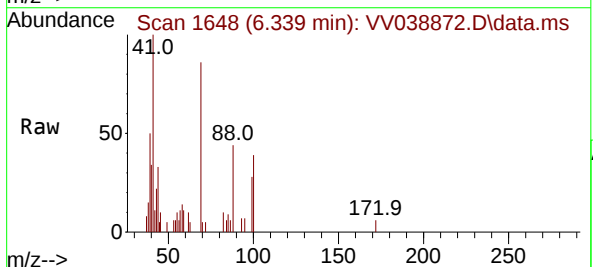
Tgt Ion: 41 Resp: 10489

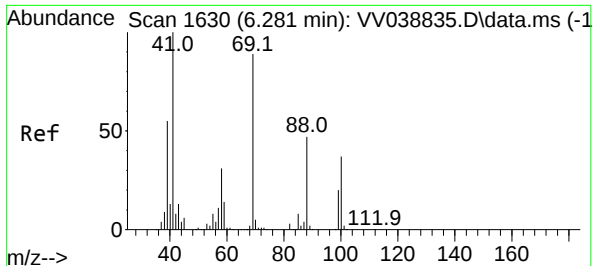
Ion Ratio Lower Upper

41 100

69 0.0 77.4 116.2#

39 16.6 44.2 66.4#





#49

1,4-Dioxane

Concen: 52.550 ug/l

RT: 6.320 min Scan# 1

Delta R.T. 0.039 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

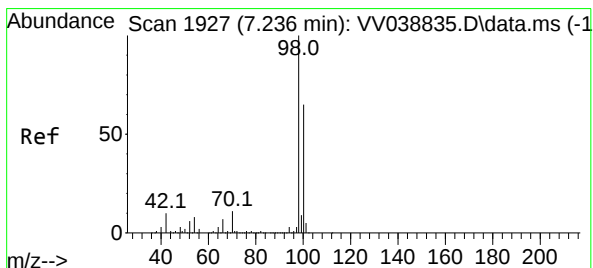
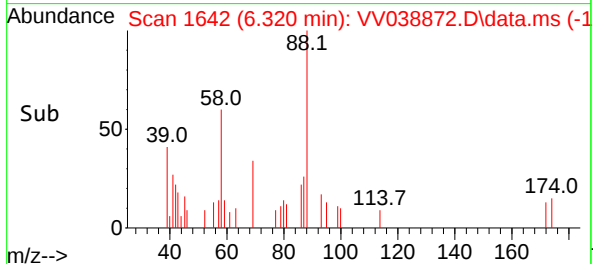
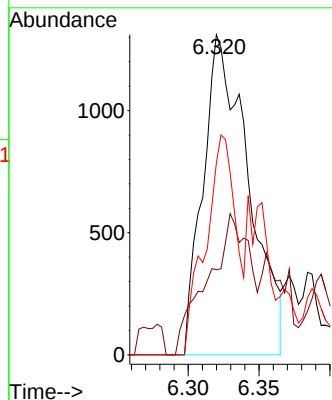
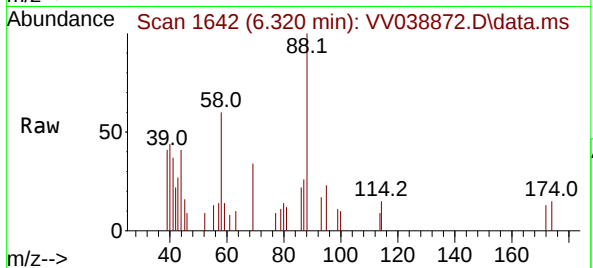
Tgt Ion: 88 Resp: 2922

Ion Ratio Lower Upper

88 100

43 40.6 25.2 37.8#

58 46.0 52.1 78.1#



#50

Toluene-d8

Concen: 48.280 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038872.D

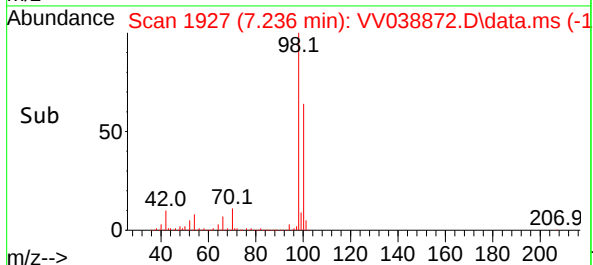
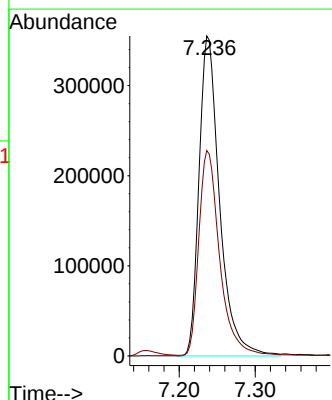
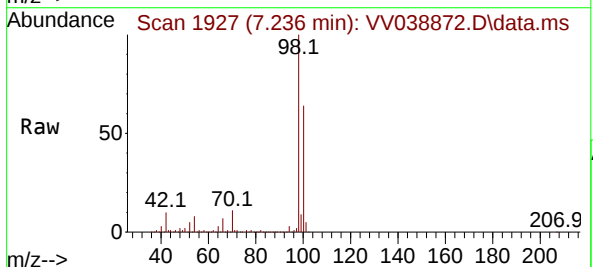
Acq: 07 Jul 2025 16:09

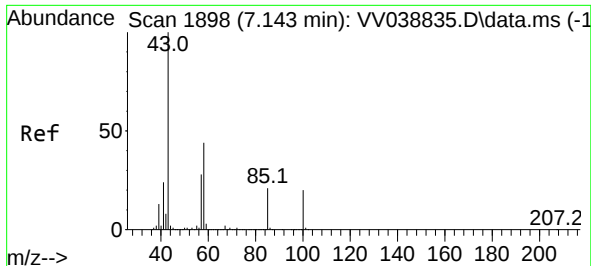
Tgt Ion: 98 Resp: 667127

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4

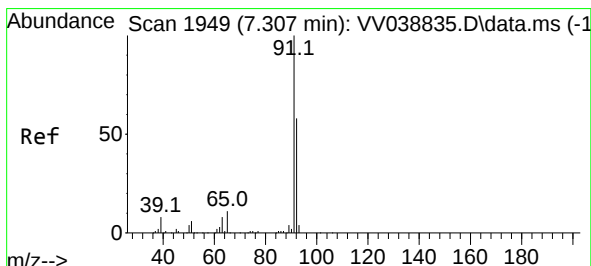
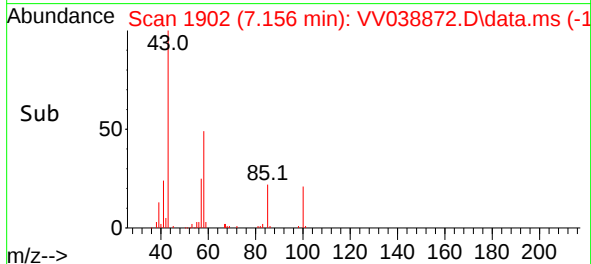
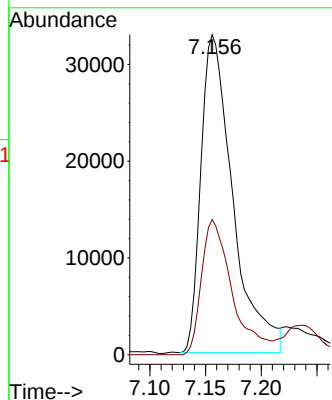
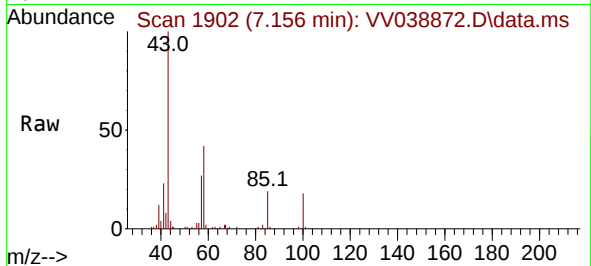




#51
4-Methyl-2-Pentanone
Concen: 12.305 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.013 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

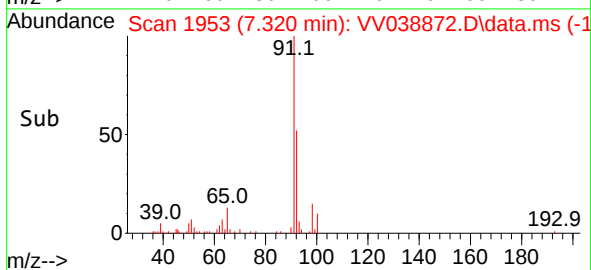
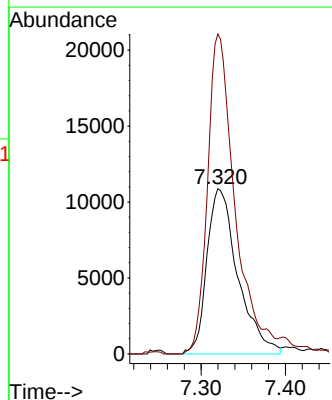
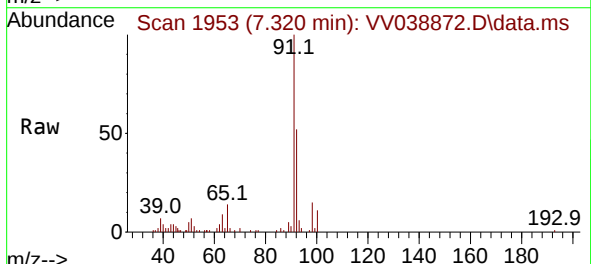
Instrument :
MSVOA_V
ClientSampleId :
MDL05

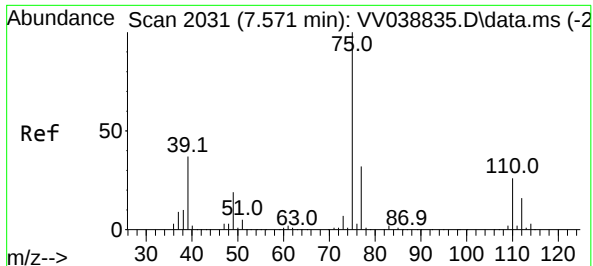
Tgt Ion: 43 Resp: 65507
Ion Ratio Lower Upper
43 100
58 41.0 34.4 51.6



#52
Toluene
Concen: 2.602 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 92 Resp: 27821
Ion Ratio Lower Upper
92 100
91 171.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 2.295 ug/l

RT: 7.600 min Scan# 2031

Delta R.T. 0.029 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

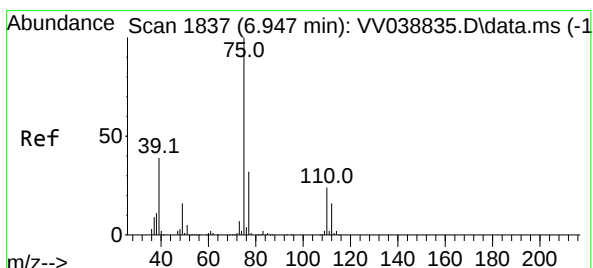
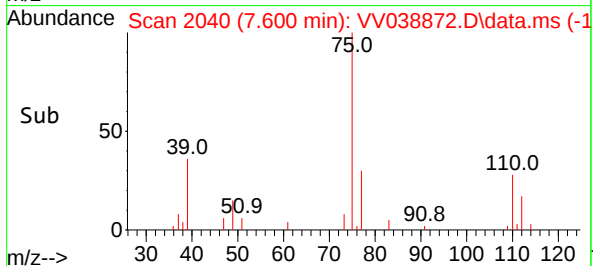
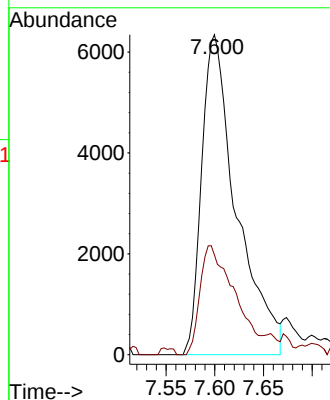
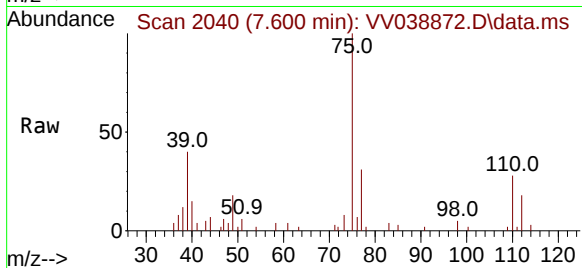
MDL05

Tgt Ion: 75 Resp: 15767

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 2.535 ug/l

RT: 6.966 min Scan# 1843

Delta R.T. 0.019 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

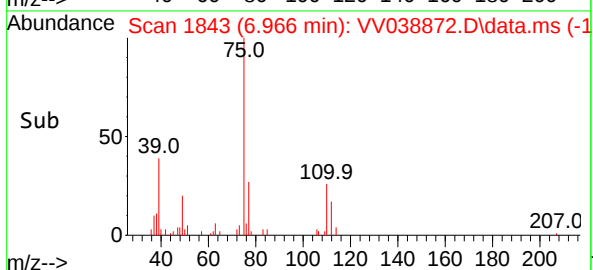
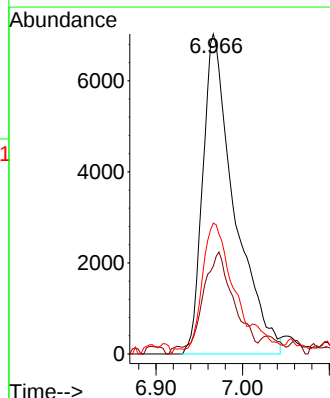
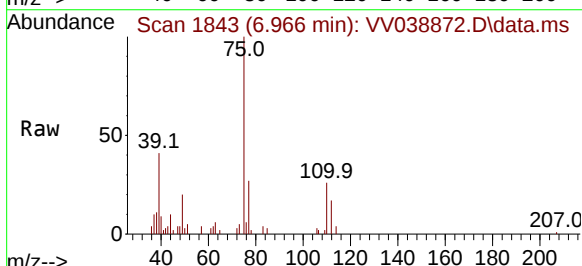
Tgt Ion: 75 Resp: 17810

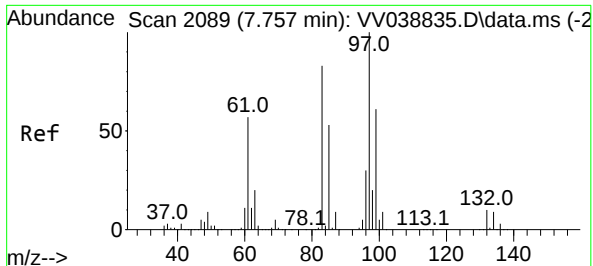
Ion Ratio Lower Upper

75 100

77 25.2 25.8 38.8#

39 39.3 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 3.029 ug/l

RT: 7.773 min Scan# 2083

Delta R.T. 0.016 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 97 Resp: 14163

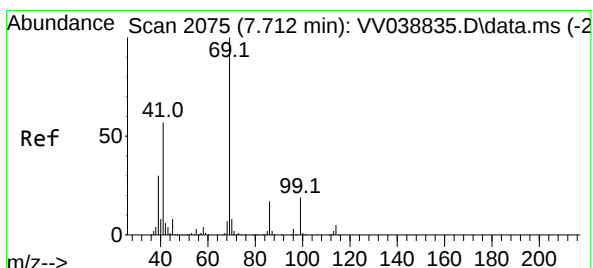
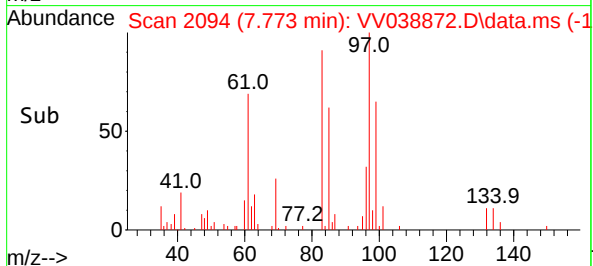
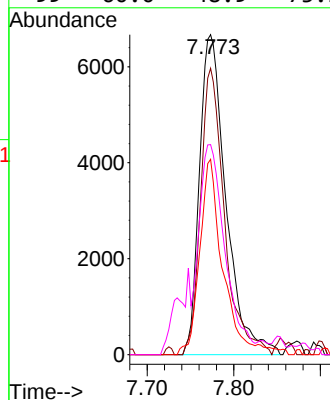
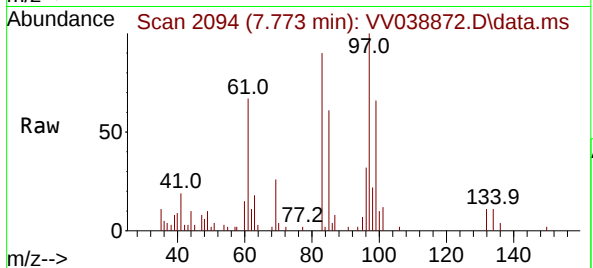
Ion Ratio Lower Upper

97 100

83 89.5 66.2 99.4

85 59.6 42.2 63.4

99 60.0 48.9 73.3



#56

Ethyl methacrylate

Concen: 2.021 ug/l

RT: 7.738 min Scan# 2083

Delta R.T. 0.026 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

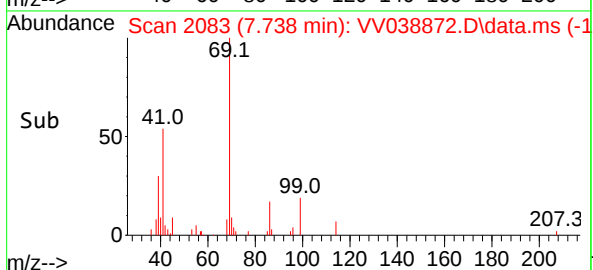
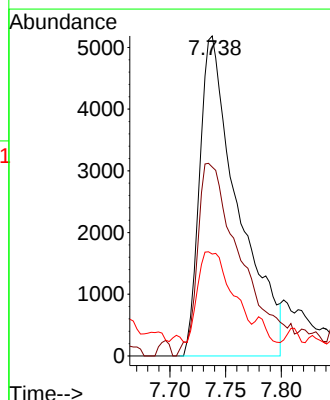
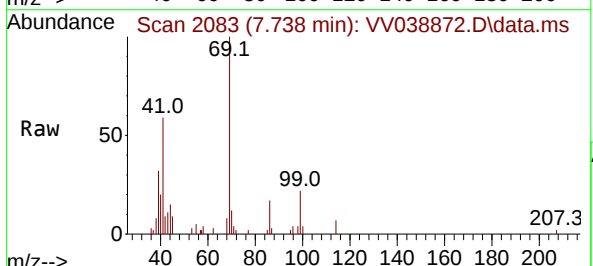
Tgt Ion: 69 Resp: 12428

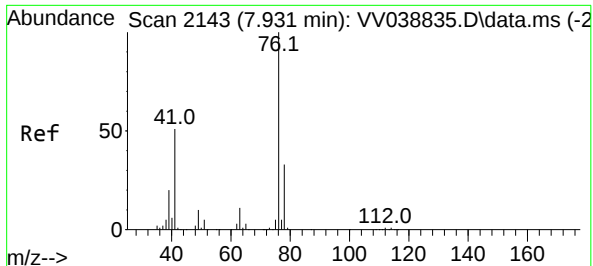
Ion Ratio Lower Upper

69 100

41 70.4 46.1 69.1#

39 25.3 24.1 36.1





#57

1,3-Dichloropropane

Concen: 2.704 ug/l

RT: 7.947 min Scan# 2143

Delta R.T. 0.016 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

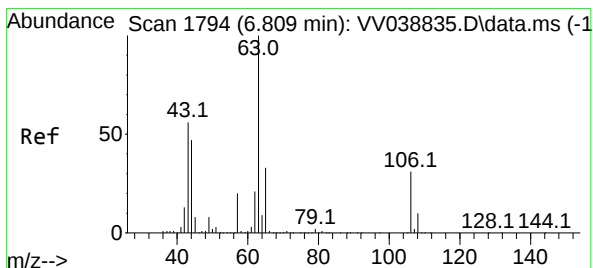
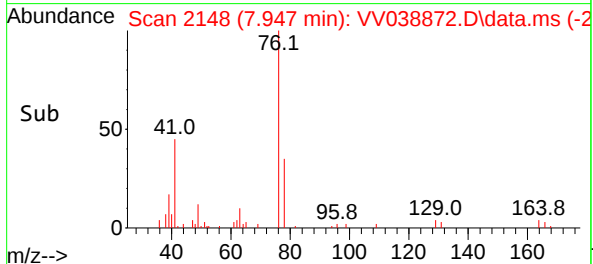
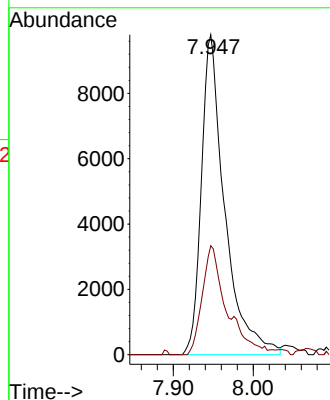
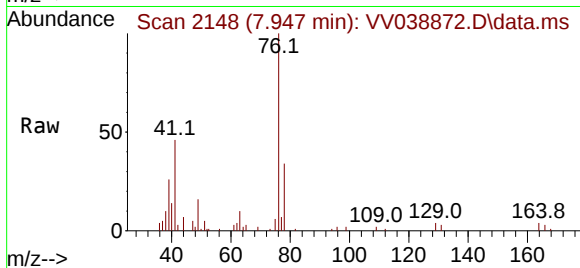
MDL05

Tgt Ion: 76 Resp: 19914

Ion Ratio Lower Upper

76 100

78 35.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 13.055 ug/l

RT: 6.825 min Scan# 1799

Delta R.T. 0.016 min

Lab File: VV038872.D

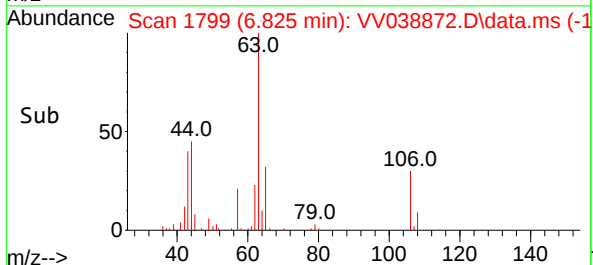
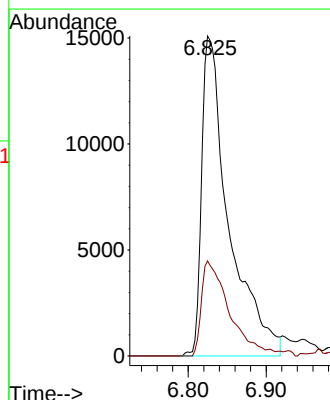
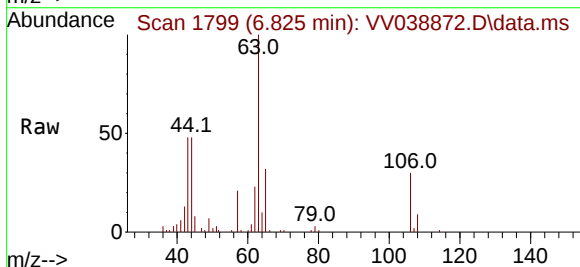
Acq: 07 Jul 2025 16:09

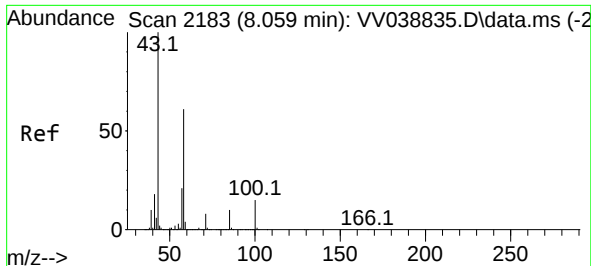
Tgt Ion: 63 Resp: 36462

Ion Ratio Lower Upper

63 100

106 30.7 24.6 37.0

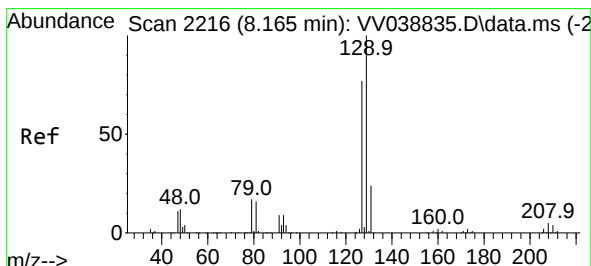
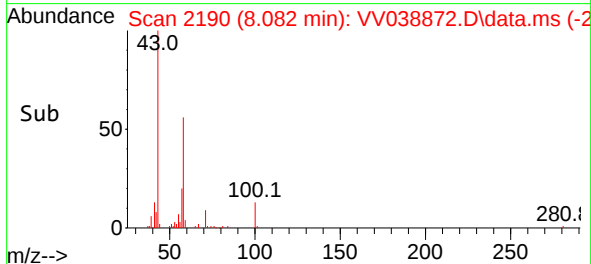
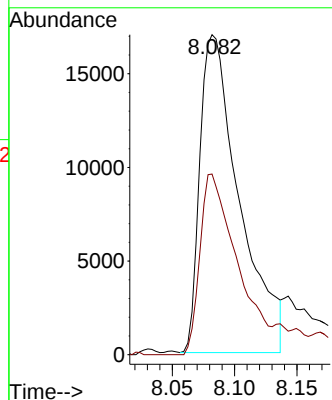
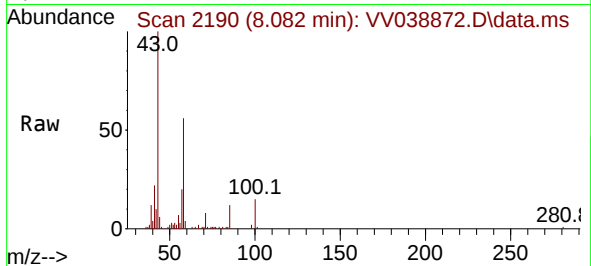




#59
2-Hexanone
Concen: 9.973 ug/l
RT: 8.082 min Scan# 2183
Delta R.T. 0.023 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

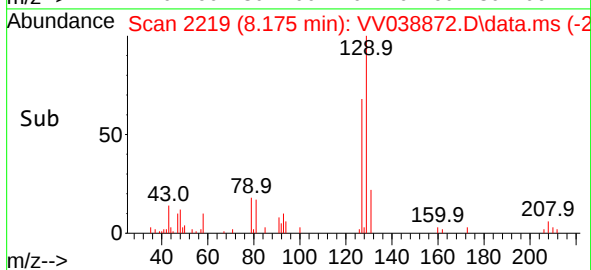
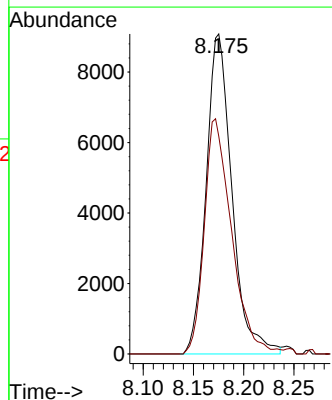
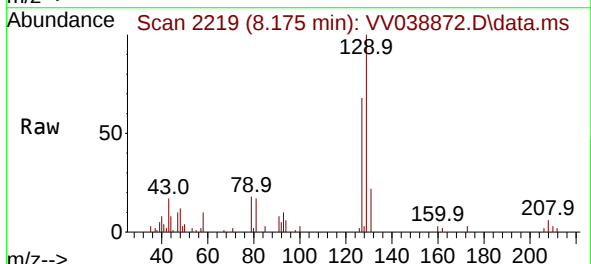
Instrument :
MSVOA_V
ClientSampleId :
MDL05

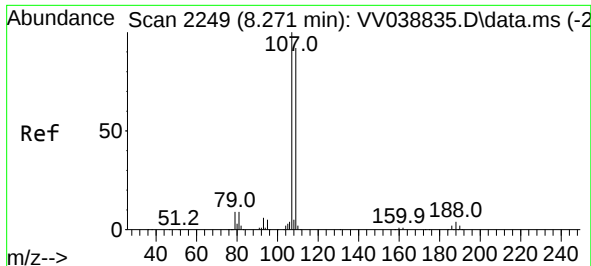
Tgt Ion: 43 Resp: 37447
Ion Ratio Lower Upper
43 100
58 53.8 30.3 91.0



#60
Dibromochloromethane
Concen: 2.756 ug/l
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 129 Resp: 16222
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6

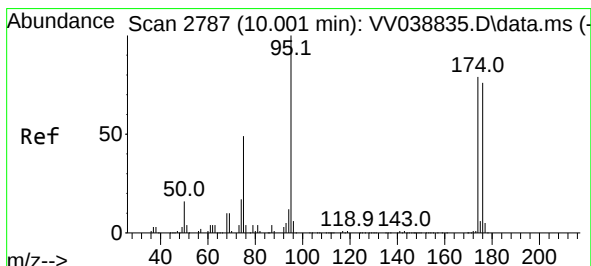
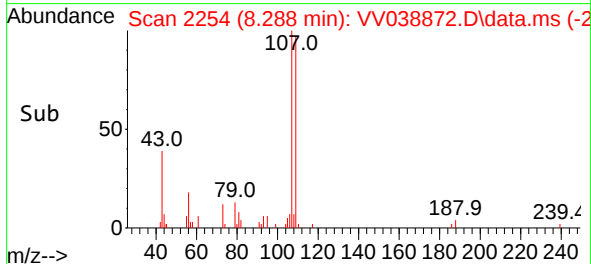
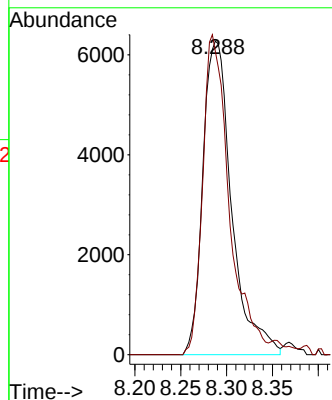
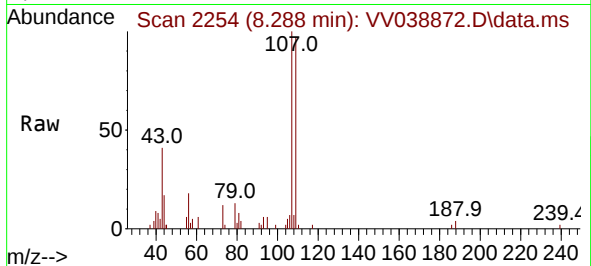




#61
1,2-Dibromoethane
Concen: 2.840 ug/l
RT: 8.288 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

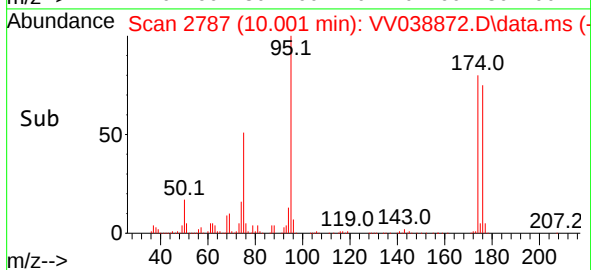
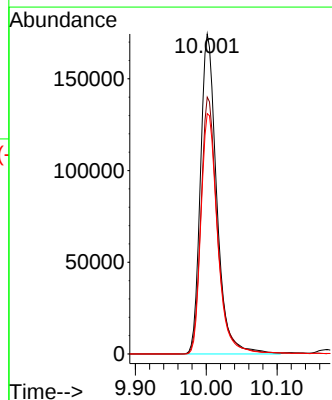
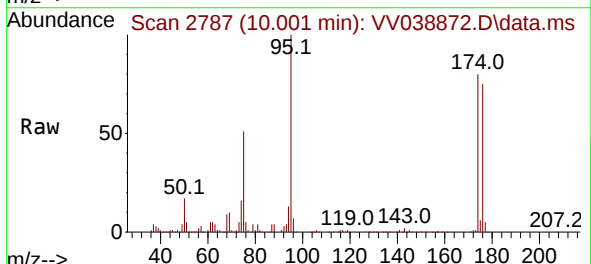
Instrument :
MSVOA_V
ClientSampleId :
MDL05

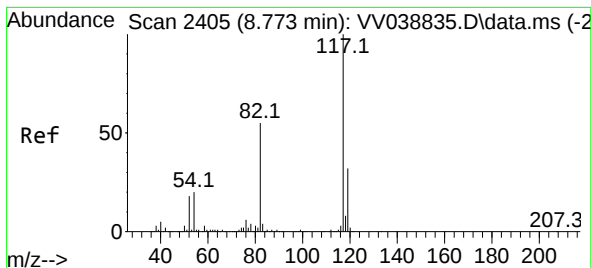
Tgt Ion:107 Resp: 13737
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 49.913 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 95 Resp: 278648
Ion Ratio Lower Upper
95 100
174 81.8 0.0 158.2
176 76.5 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

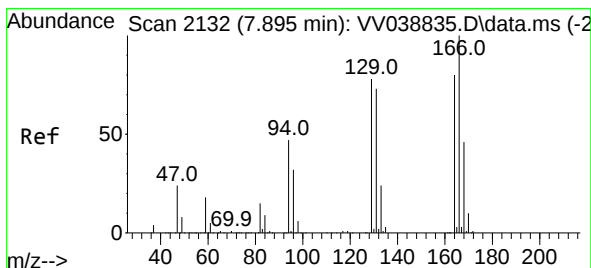
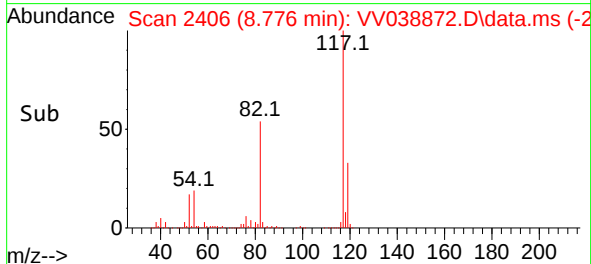
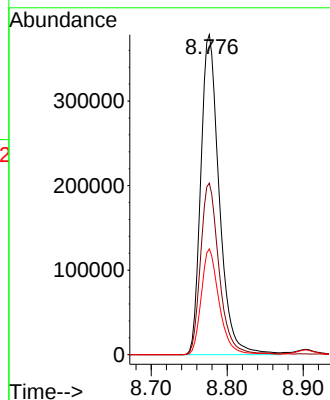
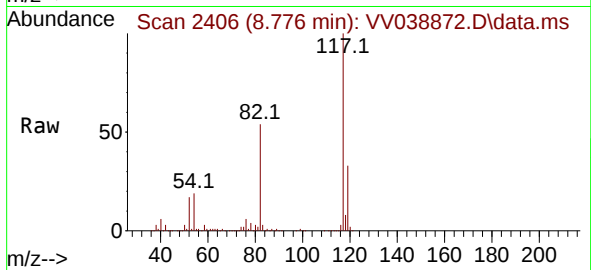
Tgt Ion:117 Resp: 638282

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.4

119 33.1 25.5 38.3



#64

Tetrachloroethene

Concen: 2.644 ug/l

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Tgt Ion:164 Resp: 10853

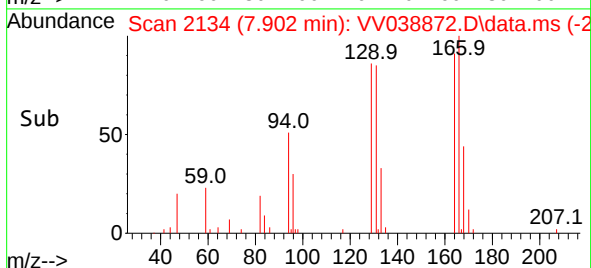
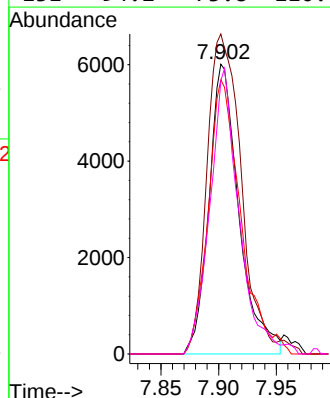
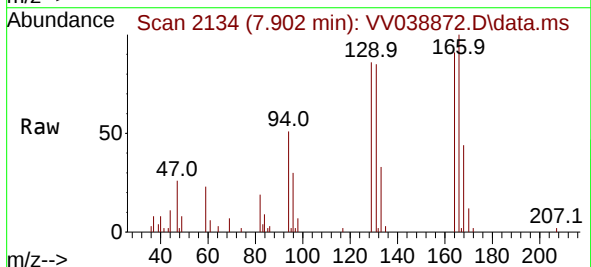
Ion Ratio Lower Upper

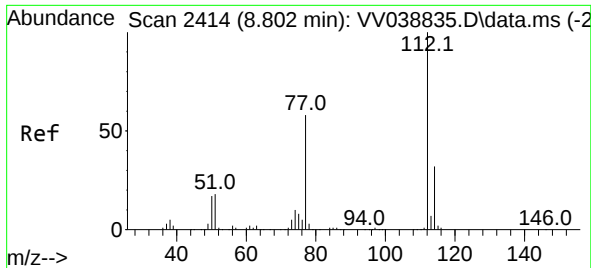
164 100

166 110.4 100.6 151.0

129 94.6 78.4 117.6

131 94.2 73.8 110.6

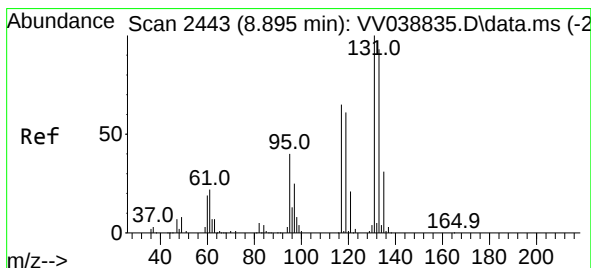
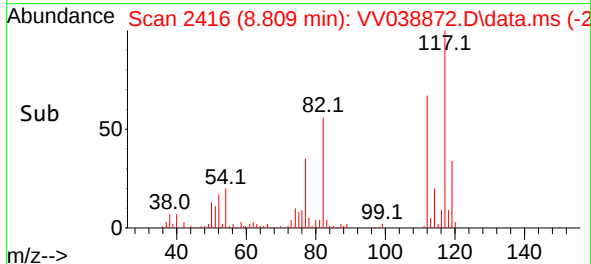
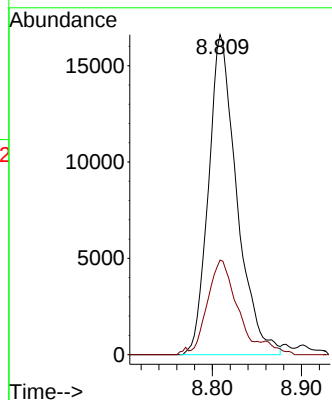
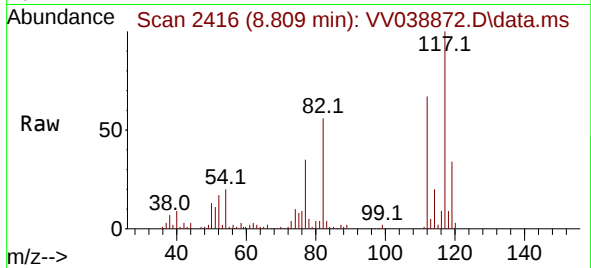




#65
Chlorobenzene
Concen: 2.726 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.007 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

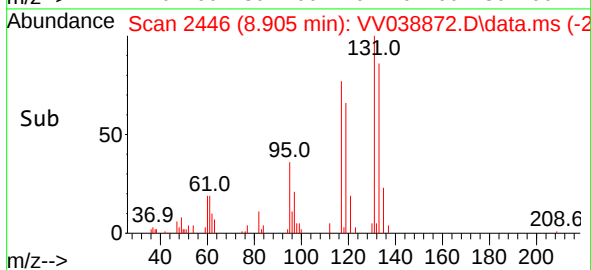
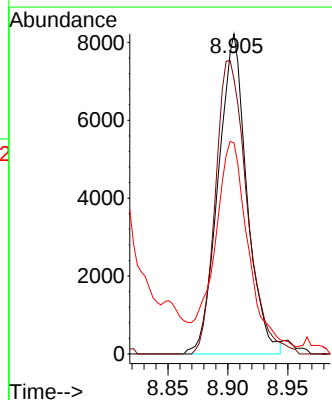
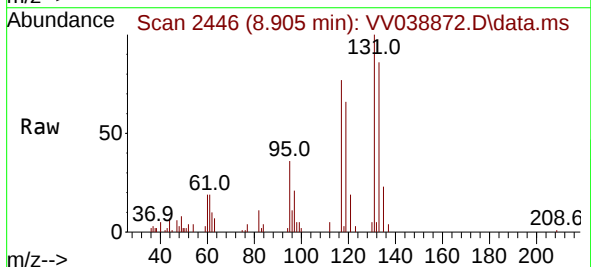
Instrument :
MSVOA_V
ClientSampleId :
MDL05

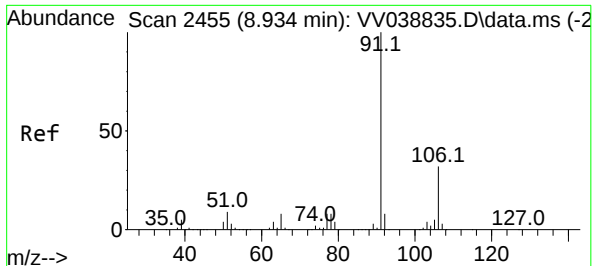
Tgt Ion:112 Resp: 36673
Ion Ratio Lower Upper
112 100
114 28.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.725 ug/l
RT: 8.905 min Scan# 2446
Delta R.T. 0.010 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion:131 Resp: 13687
Ion Ratio Lower Upper
131 100
133 100.5 47.3 142.0
119 72.8 31.0 93.0





#67

Ethyl Benzene

Concen: 2.390 ug/l

RT: 8.947 min Scan# 2455

Delta R.T. 0.013 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

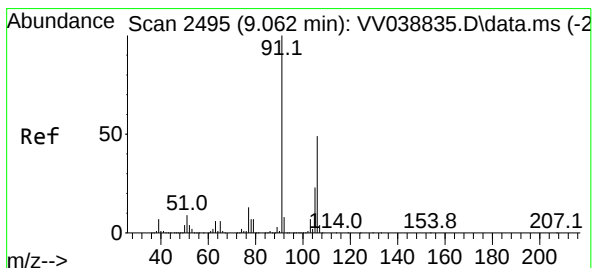
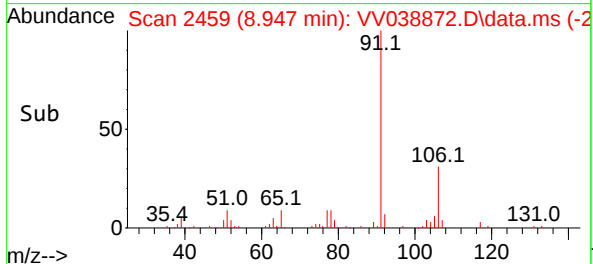
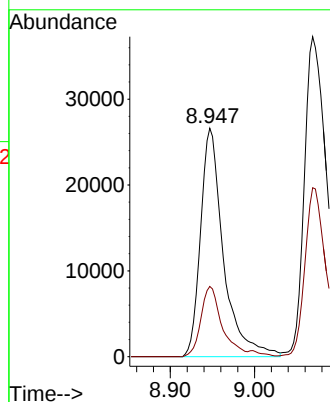
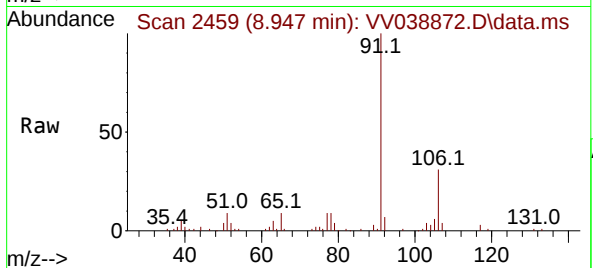
MDL05

Tgt Ion: 91 Resp: 50362

Ion Ratio Lower Upper

91 100

106 30.7 25.2 37.8



#68

m/p-Xylenes

Concen: 4.560 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.007 min

Lab File: VV038872.D

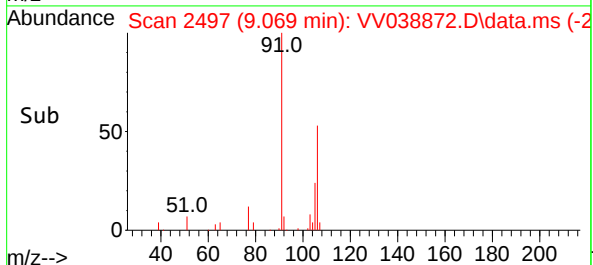
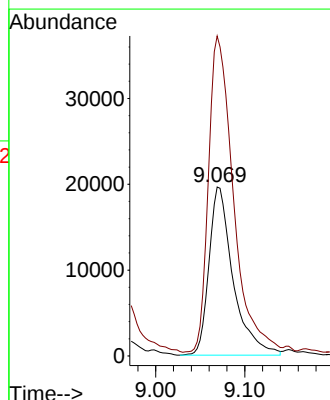
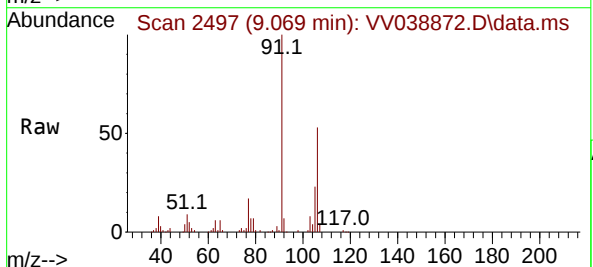
Acq: 07 Jul 2025 16:09

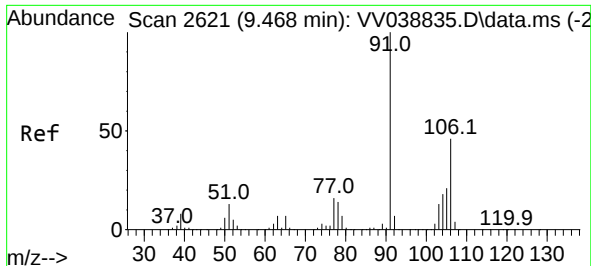
Tgt Ion: 106 Resp: 36806

Ion Ratio Lower Upper

106 100

91 193.2 162.9 244.3

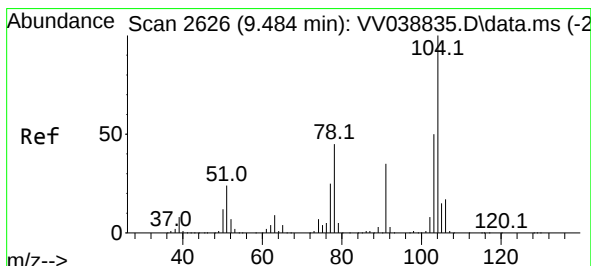
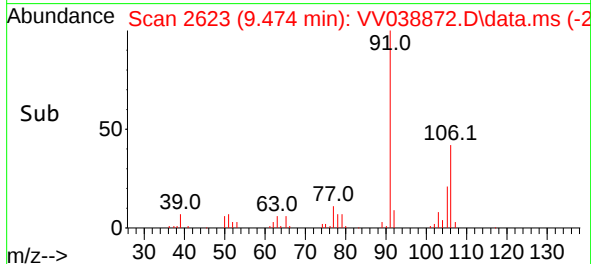
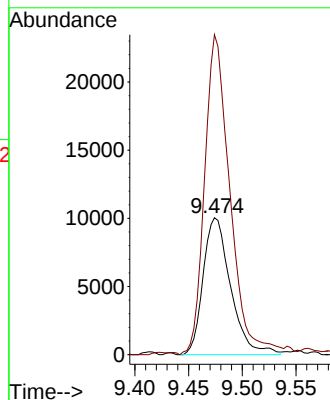
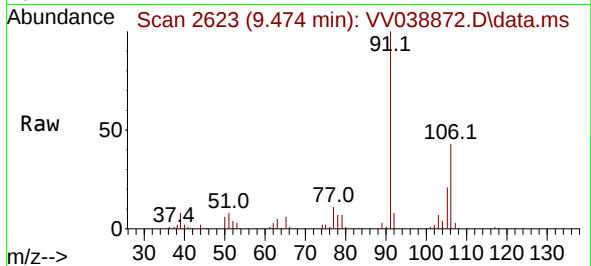




#69
o-Xylene
Concen: 2.319 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

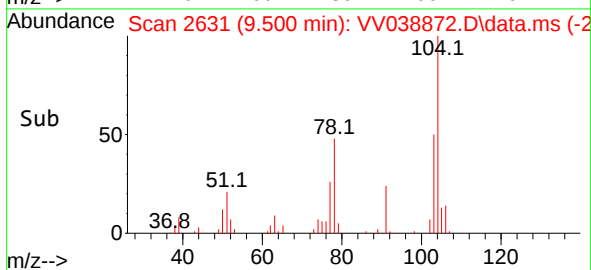
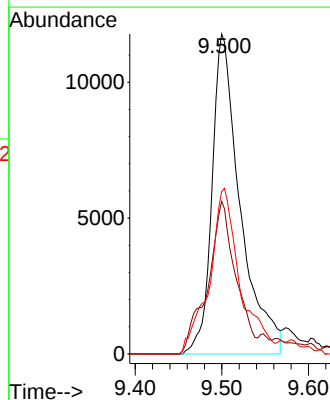
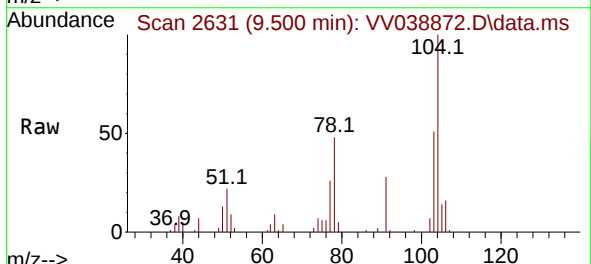
Instrument :
MSVOA_V
ClientSampleId :
MDL05

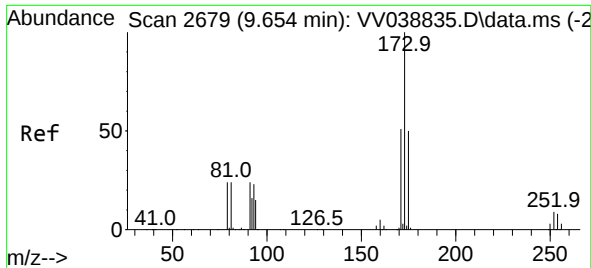
Tgt Ion:106 Resp: 17884
Ion Ratio Lower Upper
106 100
91 215.1 107.6 322.8



#70
Styrene
Concen: 1.976 ug/l
RT: 9.500 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion:104 Resp: 26614
Ion Ratio Lower Upper
104 100
78 48.0 39.9 59.9
103 56.3 43.4 65.0

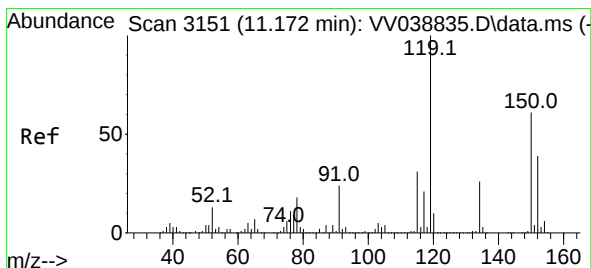
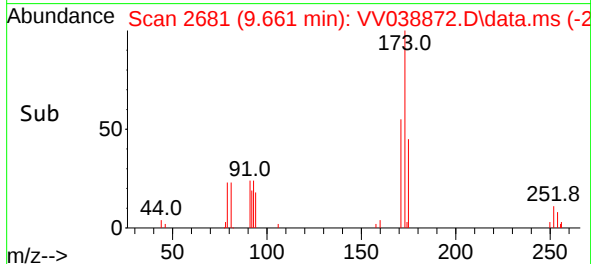
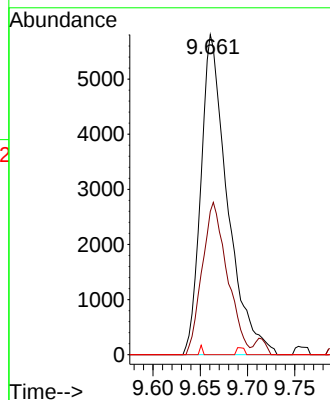
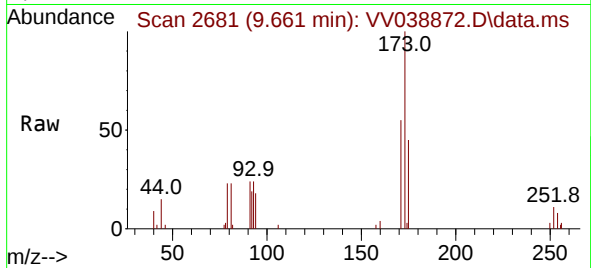




#71
Bromoform
Concen: 2.774 ug/l
RT: 9.661 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

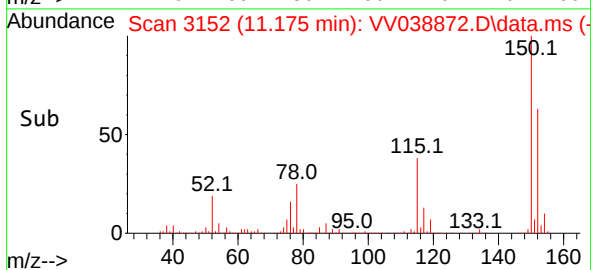
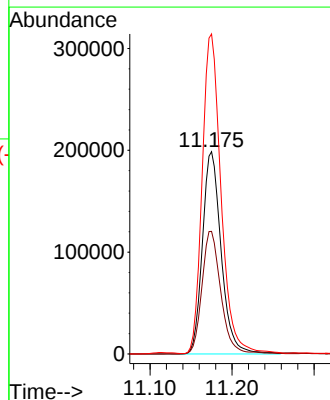
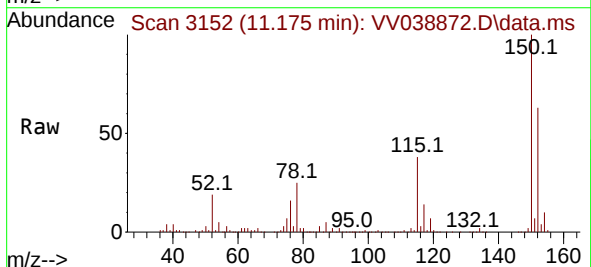
Instrument :
MSVOA_V
ClientSampleId :
MDL05

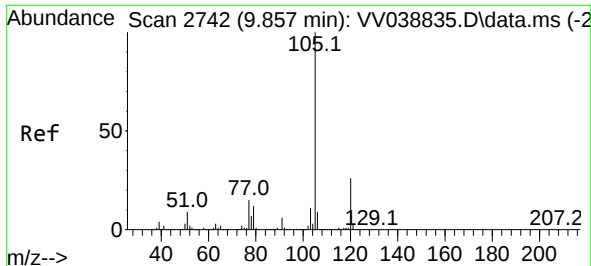
Tgt Ion:173 Resp: 11321
Ion Ratio Lower Upper
173 100
175 45.3 24.3 72.9
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion:152 Resp: 315595
Ion Ratio Lower Upper
152 100
115 61.0 42.0 126.0
150 159.0 0.0 343.6

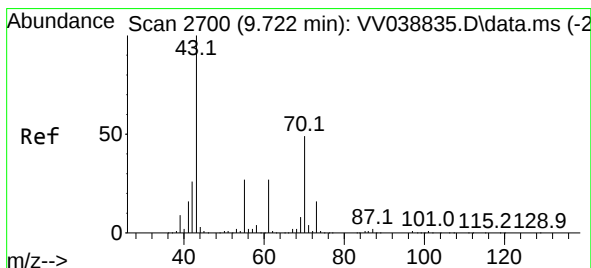
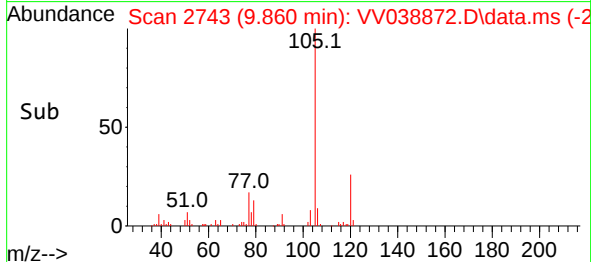
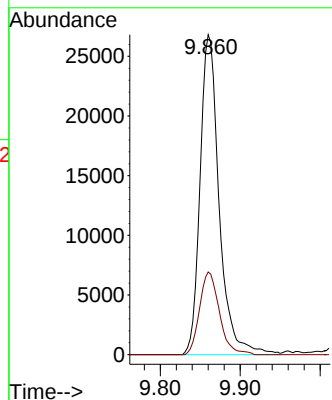
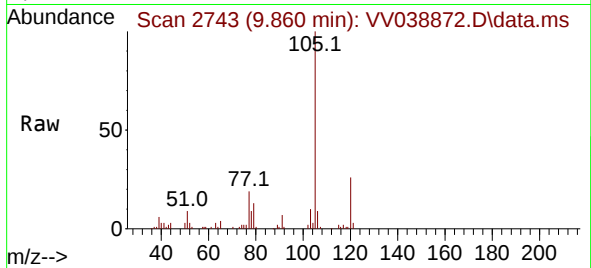




#73
Isopropylbenzene
Concen: 2.408 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

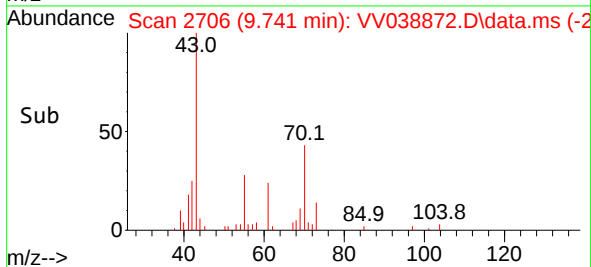
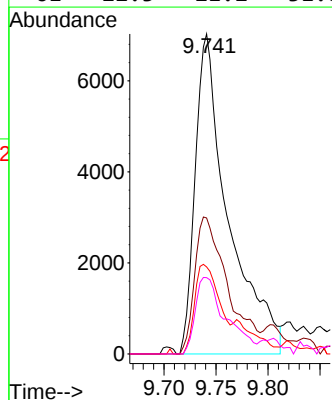
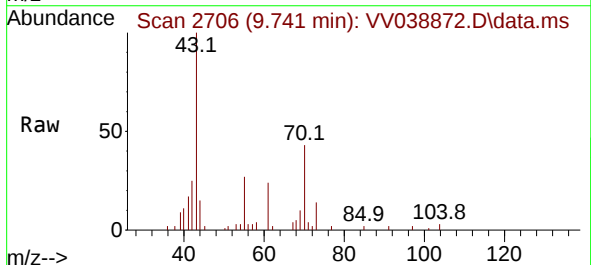
Instrument :
MSVOA_V
ClientSampleId :
MDL05

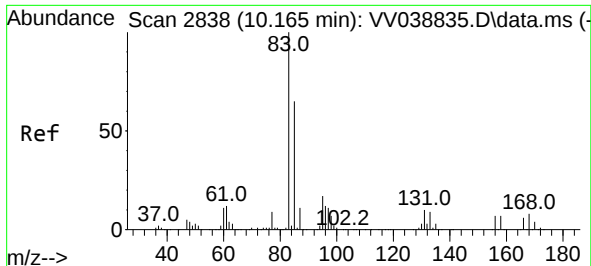
Tgt Ion:105 Resp: 44602
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3



#74
N-ethyl acetate
Concen: 2.401 ug/l
RT: 9.741 min Scan# 2706
Delta R.T. 0.019 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 43 Resp: 15568
Ion Ratio Lower Upper
43 100
70 43.1 39.7 59.5
55 21.0 22.1 33.1#
61 22.3 21.2 31.8

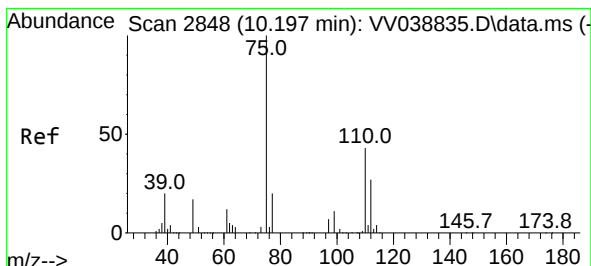
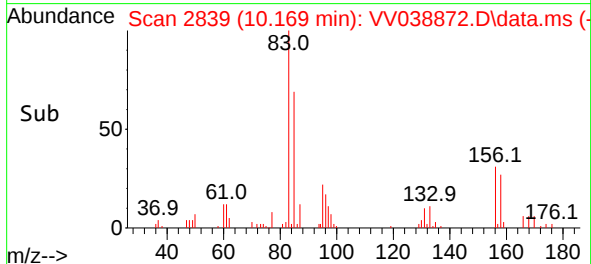
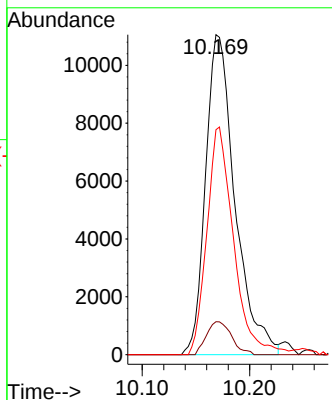
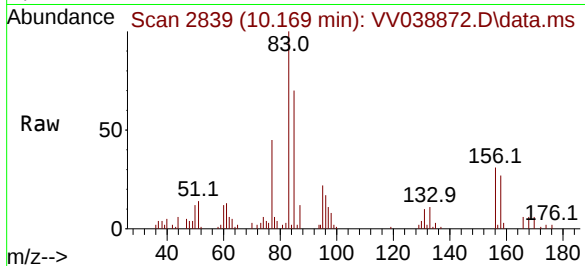




#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.131 ug/l
 RT: 10.169 min Scan# 2839
 Delta R.T. 0.003 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

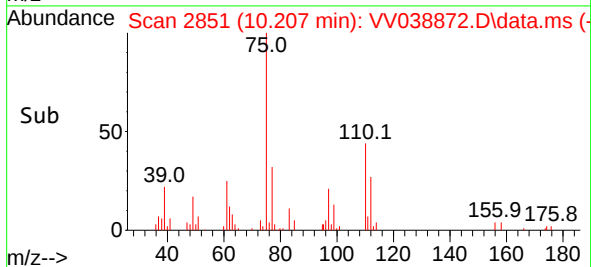
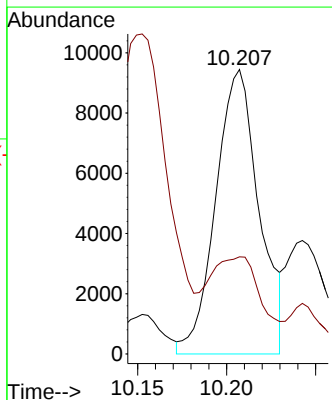
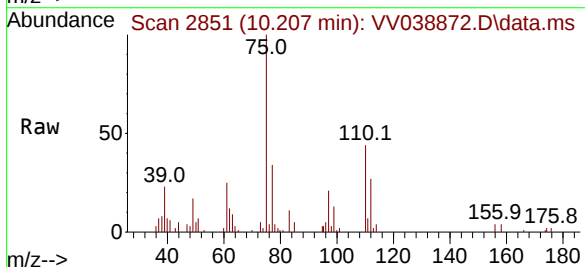
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

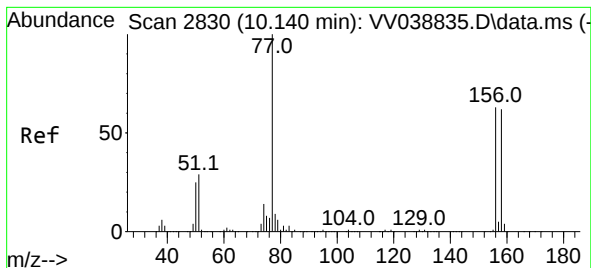
Tgt Ion: 83 Resp: 21020
 Ion Ratio Lower Upper
 83 100
 131 8.8 5.1 15.3
 85 64.5 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 3.276 ug/l m
 RT: 10.207 min Scan# 2851
 Delta R.T. 0.010 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

Tgt Ion: 75 Resp: 15996
 Ion Ratio Lower Upper
 75 100
 77 9.8 11.7 35.1#





#77

Bromobenzene

Concen: 2.966 ug/l

RT: 10.149 min Scan# 2833

Delta R.T. 0.010 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

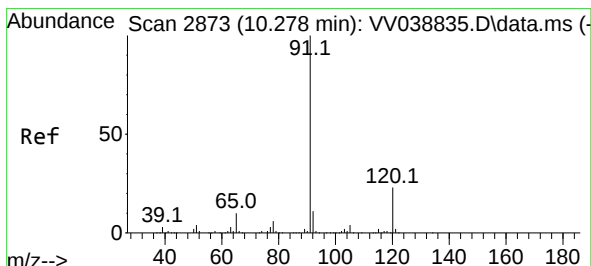
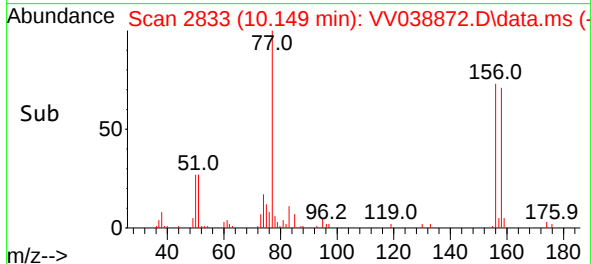
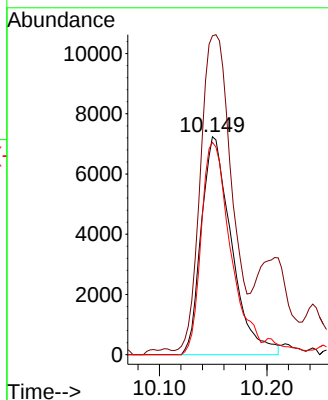
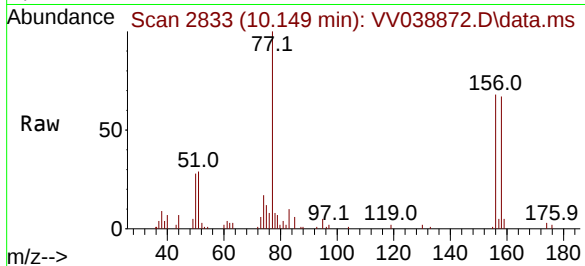
Tgt Ion:156 Resp: 14171

Ion Ratio Lower Upper

156 100

77 146.7 77.0 230.8

158 94.7 48.8 146.3



#78

n-propylbenzene

Concen: 2.448 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.007 min

Lab File: VV038872.D

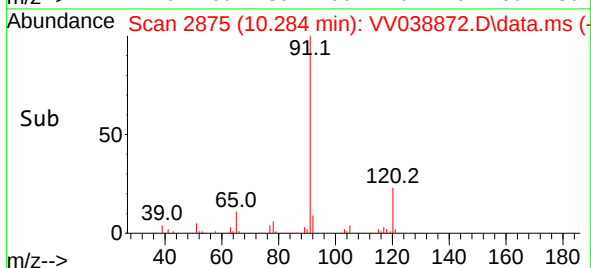
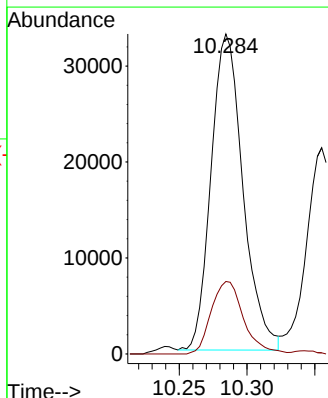
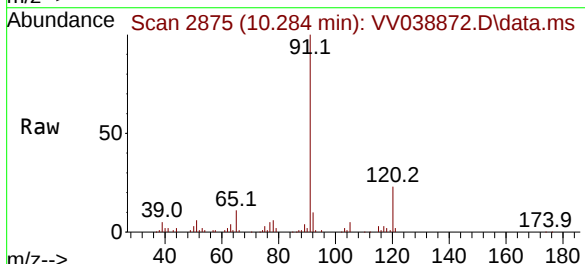
Acq: 07 Jul 2025 16:09

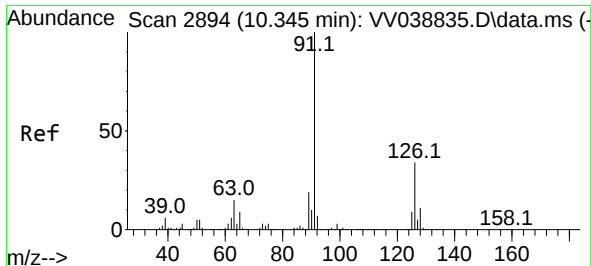
Tgt Ion: 91 Resp: 53962

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.0

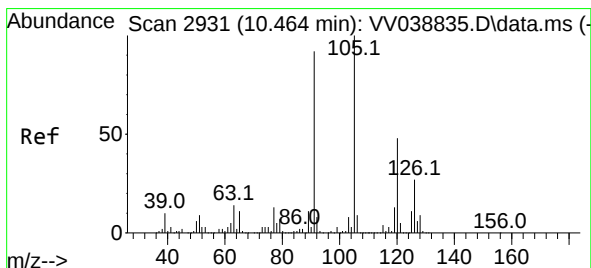
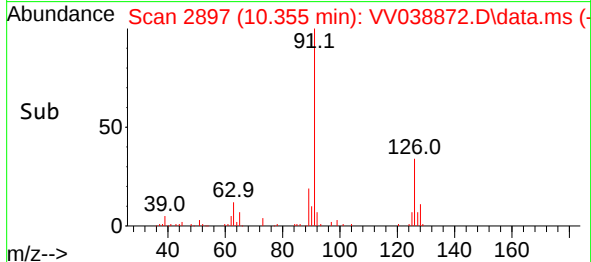
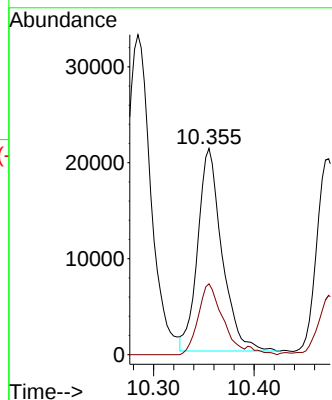
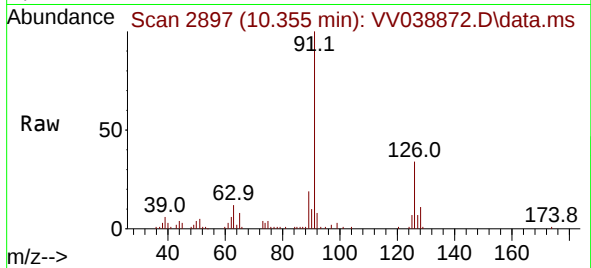




#79
2-Chlorotoluene
Concen: 2.637 ug/l
RT: 10.355 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

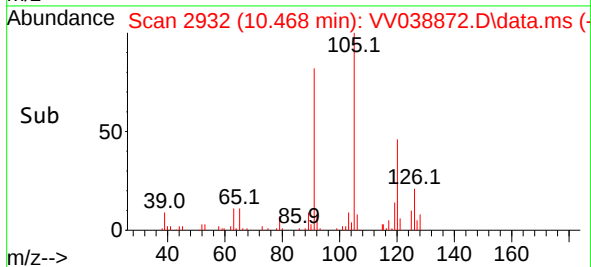
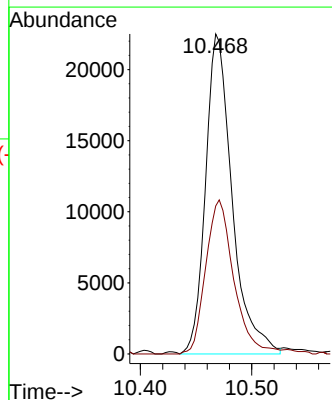
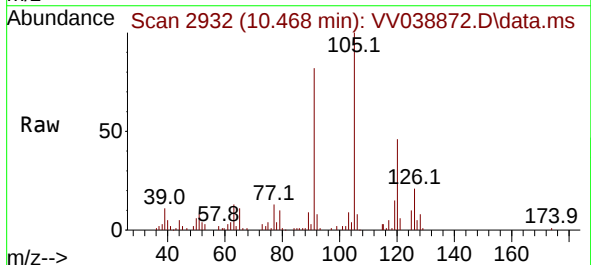
Instrument :
MSVOA_V
ClientSampleId :
MDL05

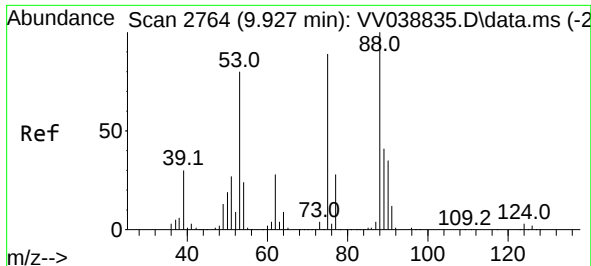
Tgt Ion: 91 Resp: 35294
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 2.358 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 105 Resp: 37341
Ion Ratio Lower Upper
105 100
120 50.7 23.9 71.7

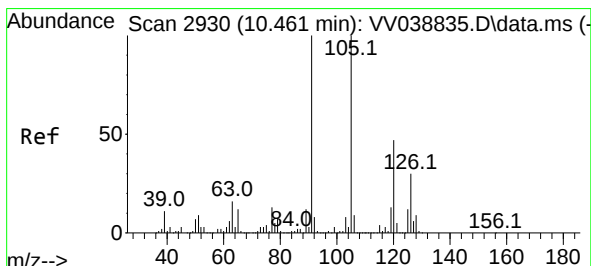
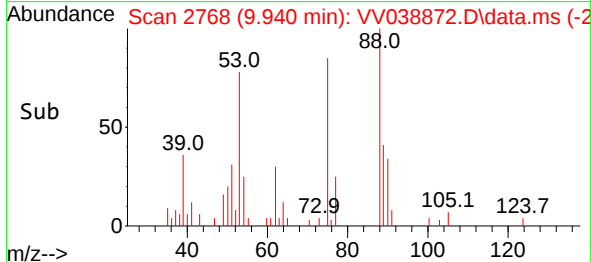
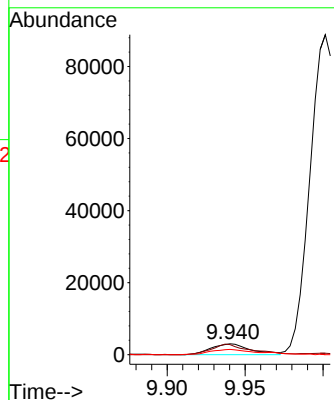
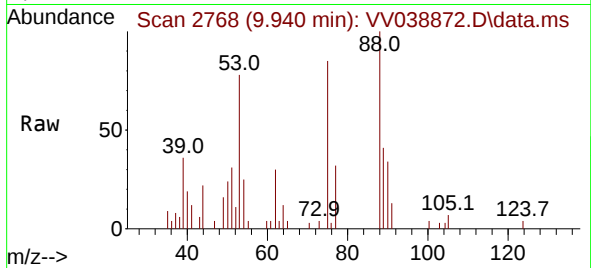




#81
trans-1,4-Dichloro-2-butene
Concen: 2.324 ug/l
RT: 9.940 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

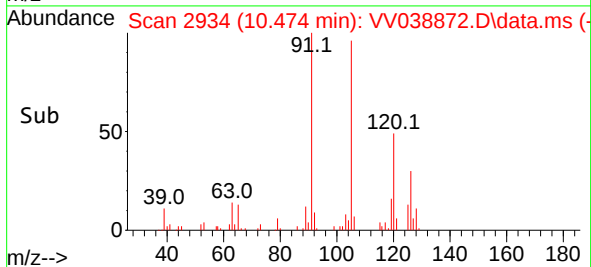
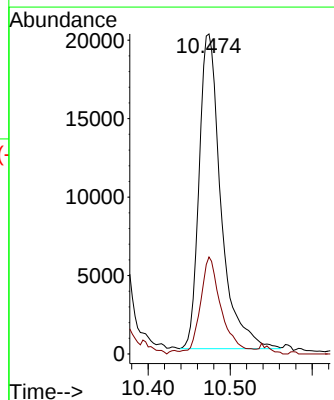
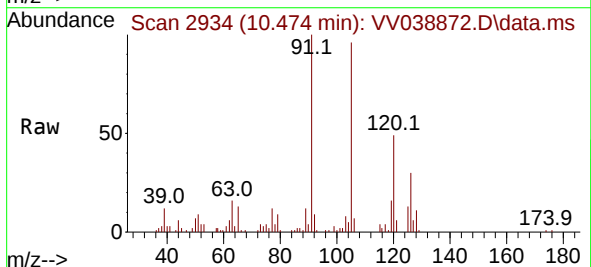
Instrument :
MSVOA_V
ClientSampleId :
MDL05

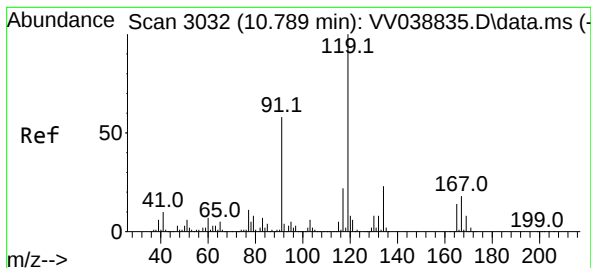
Tgt Ion: 75 Resp: 5332
Ion Ratio Lower Upper
75 100
53 95.2 71.2 106.8
89 59.6 44.6 66.8



#82
4-Chlorotoluene
Concen: 2.406 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 91 Resp: 37131
Ion Ratio Lower Upper
91 100
126 28.1 14.8 44.3





#83

tert-Butylbenzene

Concen: 2.479 ug/l

RT: 10.792 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

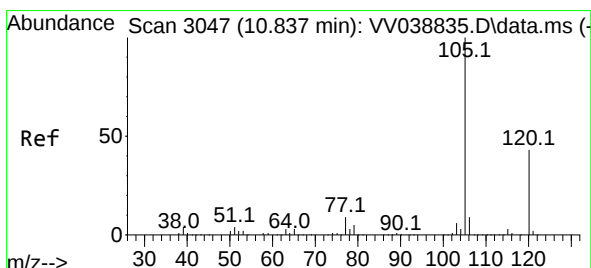
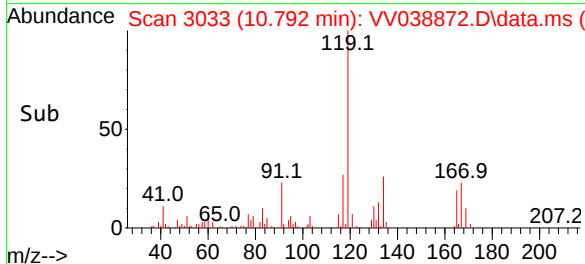
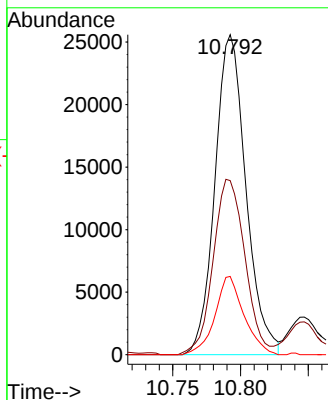
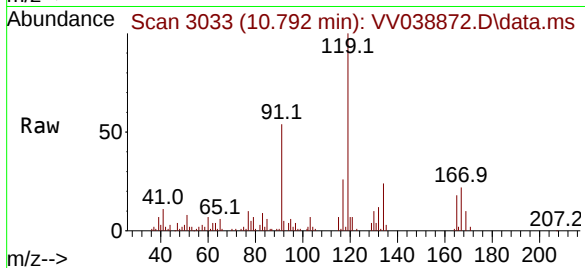
Tgt Ion:119 Resp: 40718

Ion Ratio Lower Upper

119 100

91 56.3 28.5 85.5

134 23.0 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 2.320 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV038872.D

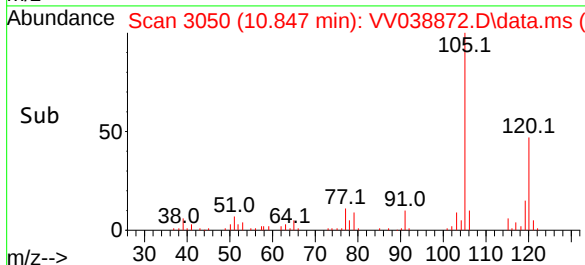
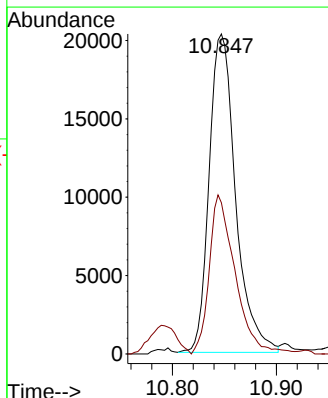
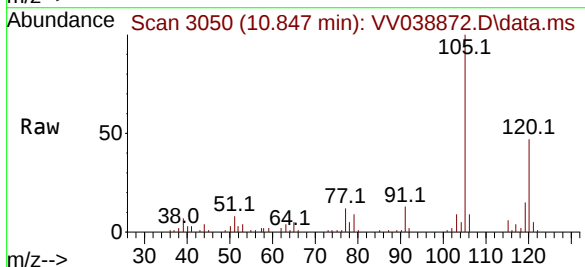
Acq: 07 Jul 2025 16:09

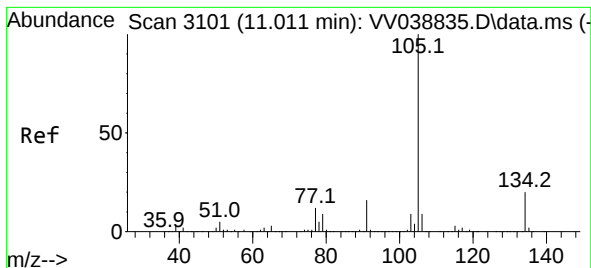
Tgt Ion:105 Resp: 36003

Ion Ratio Lower Upper

105 100

120 48.8 22.7 68.0





#85

sec-Butylbenzene

Concen: 2.307 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

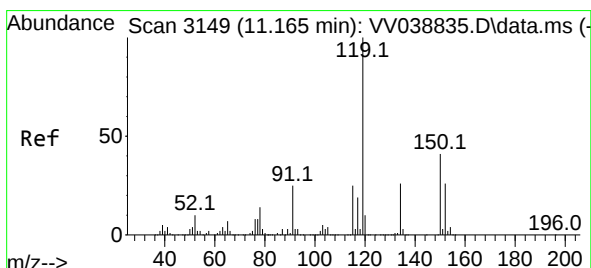
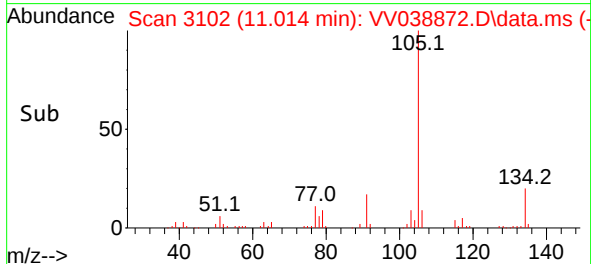
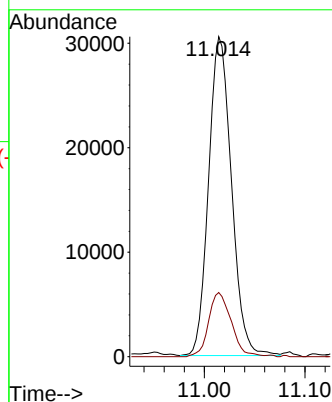
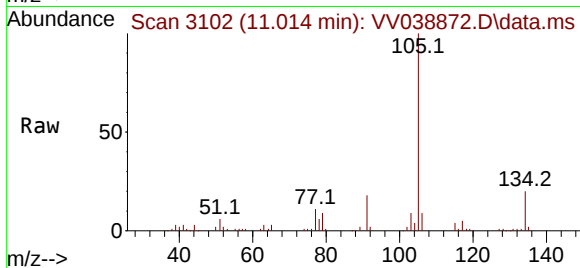
MDL05

Tgt Ion:105 Resp: 48239

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 2.298 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.007 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

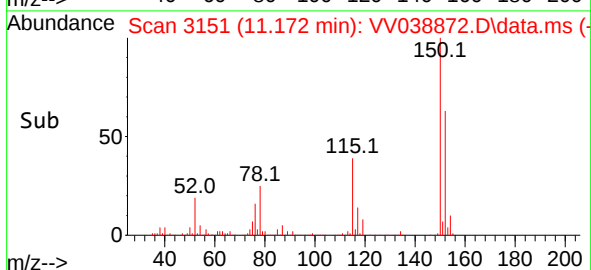
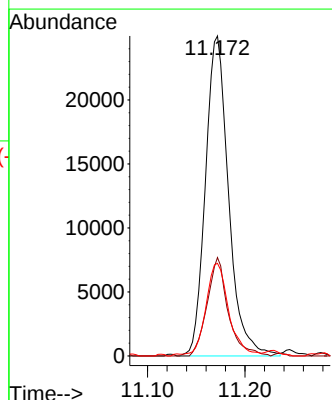
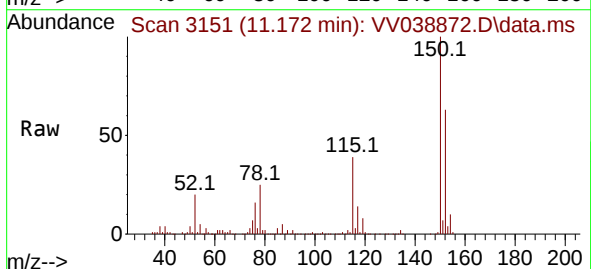
Tgt Ion:119 Resp: 41204

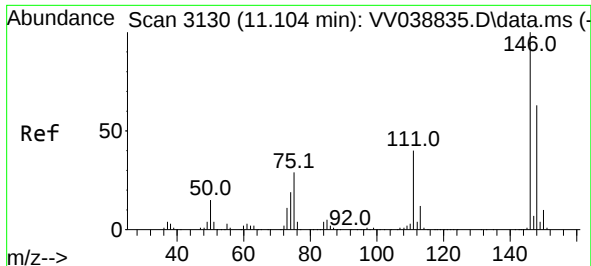
Ion Ratio Lower Upper

119 100

134 27.9 13.0 39.0

91 28.8 12.4 37.0

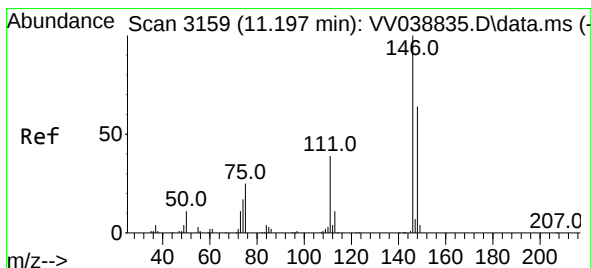
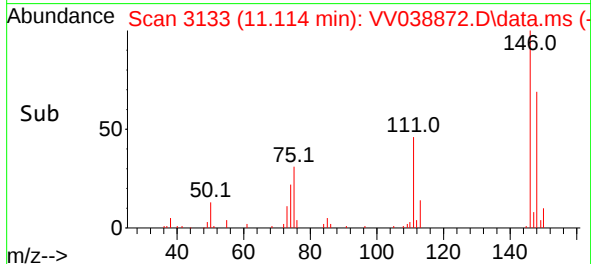
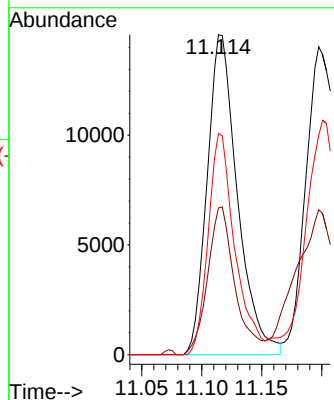
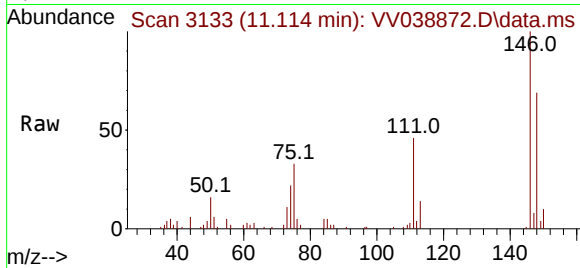




#87
 1,3-Dichlorobenzene
 Concen: 2.634 ug/l
 RT: 11.114 min Scan# 3133
 Delta R.T. 0.010 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

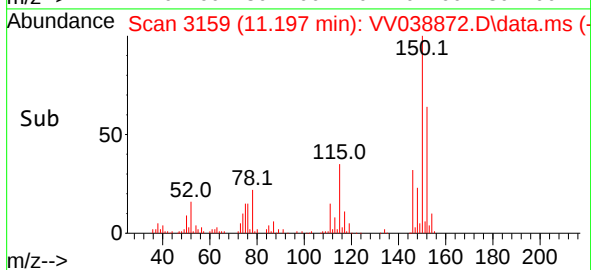
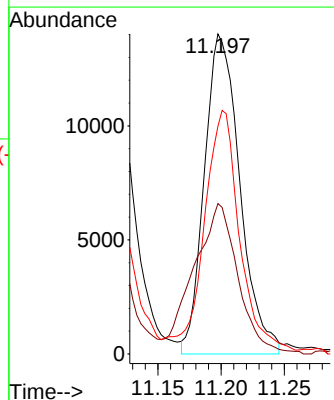
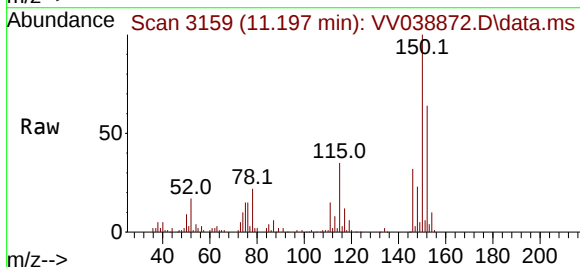
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

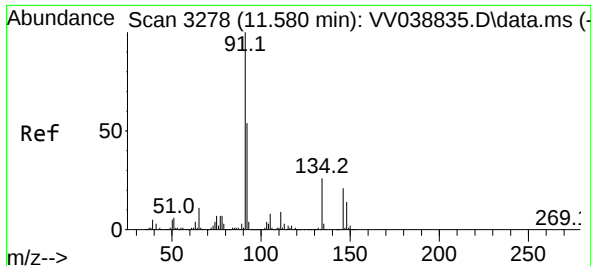
Tgt Ion:146 Resp: 25586
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.2 60.6
 148 61.2 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 2.676 ug/l m
 RT: 11.197 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: VV038872.D
 Acq: 07 Jul 2025 16:09

Tgt Ion:146 Resp: 27394
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.8 59.3
 148 57.2 32.0 96.2





#89

n-Butylbenzene

Concen: 2.120 ug/l

RT: 11.587 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV038872.D

Acq: 07 Jul 2025 16:09

Instrument :

MSVOA_V

ClientSampleId :

MDL05

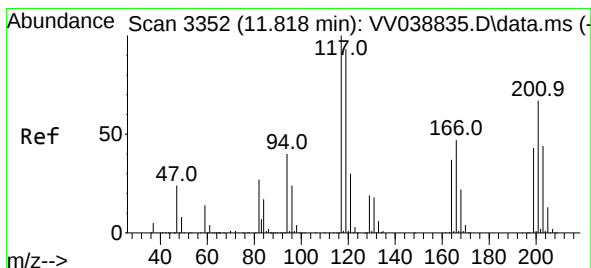
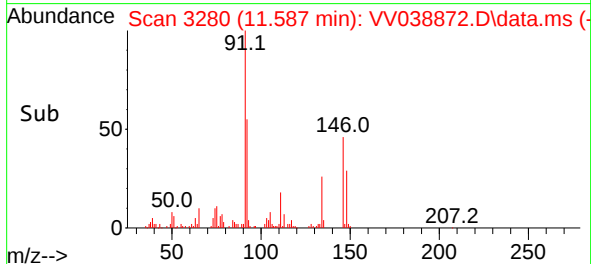
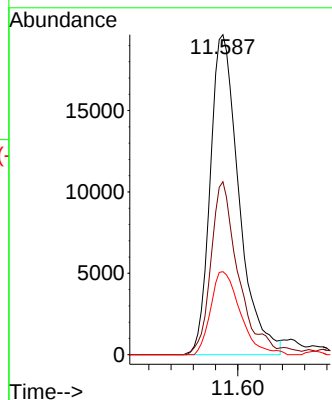
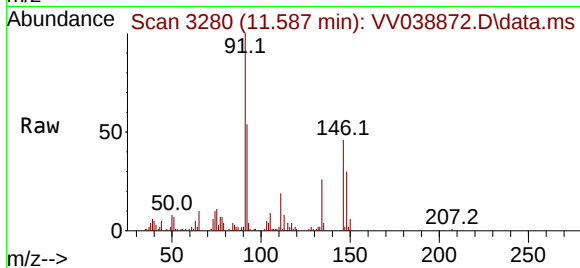
Tgt Ion: 91 Resp: 35233

Ion Ratio Lower Upper

91 100

92 51.4 26.7 80.0

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 2.630 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038872.D

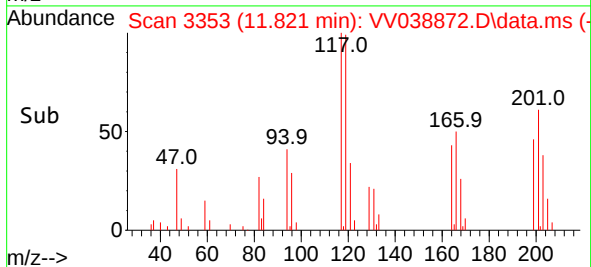
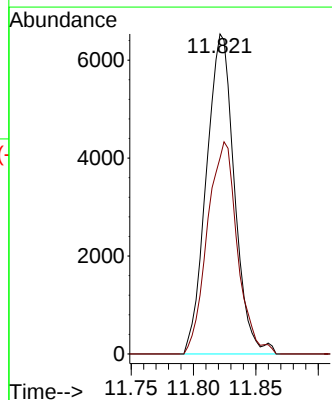
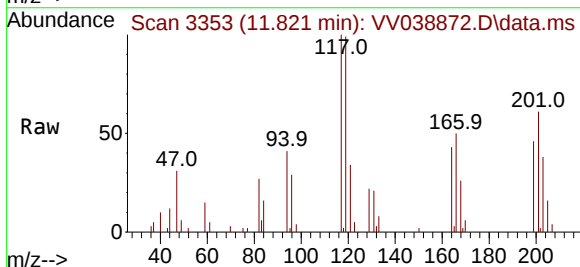
Acq: 07 Jul 2025 16:09

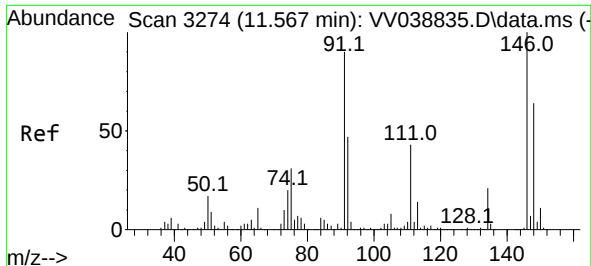
Tgt Ion: 117 Resp: 10234

Ion Ratio Lower Upper

117 100

201 70.9 34.4 103.1

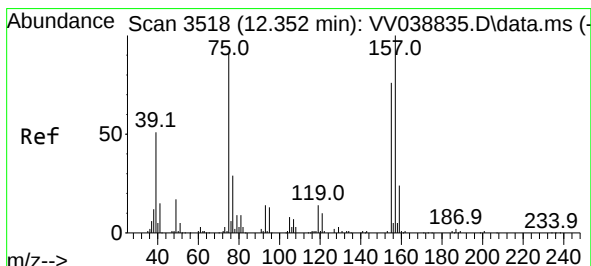
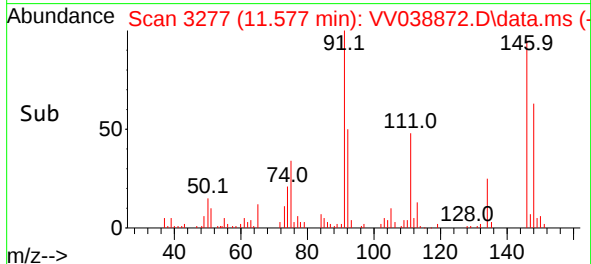
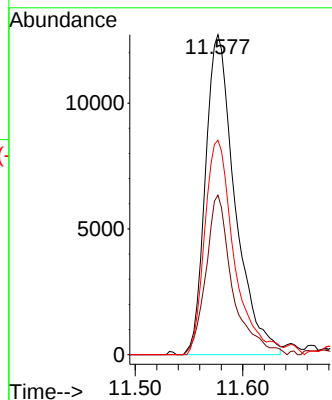
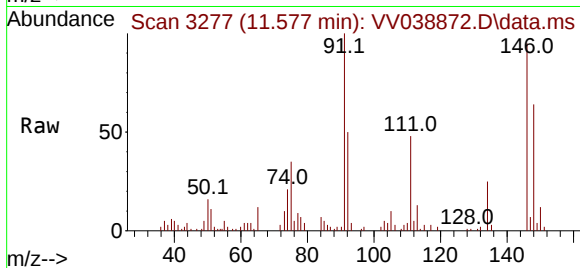




#91
1,2-Dichlorobenzene
Concen: 2.652 ug/l
RT: 11.577 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

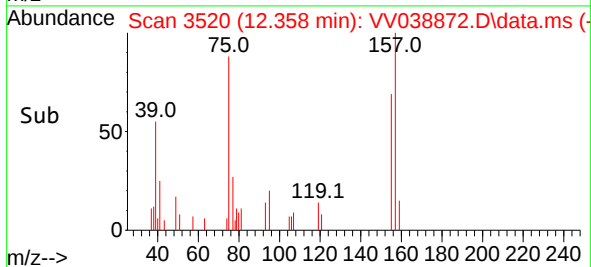
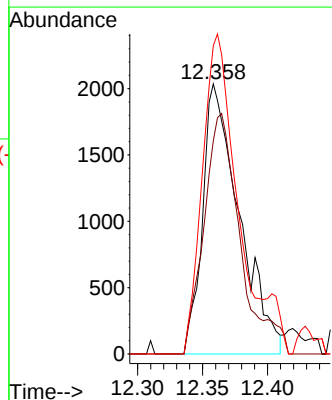
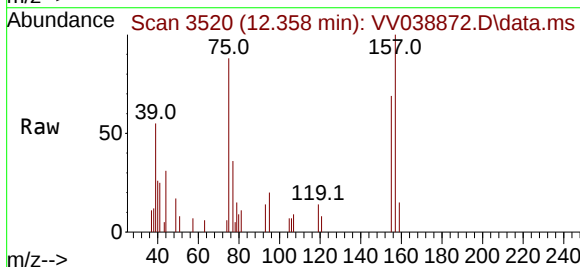
Instrument :
MSVOA_V
ClientSampleId :
MDL05

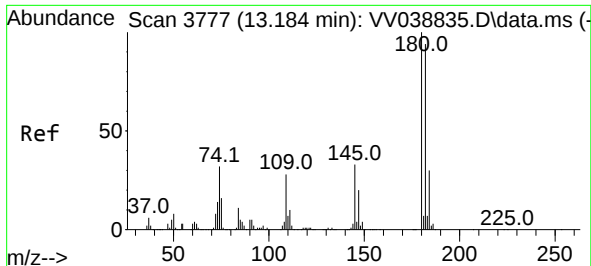
Tgt Ion:146 Resp: 24285
Ion Ratio Lower Upper
146 100
111 45.0 21.3 63.7
148 66.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.814 ug/l
RT: 12.358 min Scan# 3520
Delta R.T. 0.007 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion: 75 Resp: 4001
Ion Ratio Lower Upper
75 100
155 87.5 43.2 129.6
157 108.6 54.9 164.5

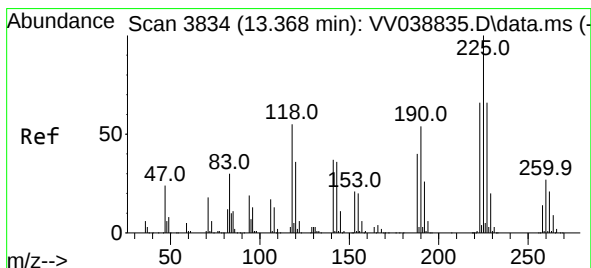
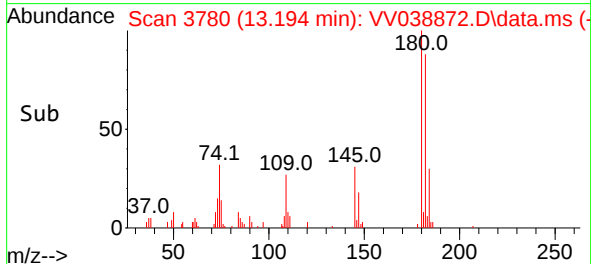
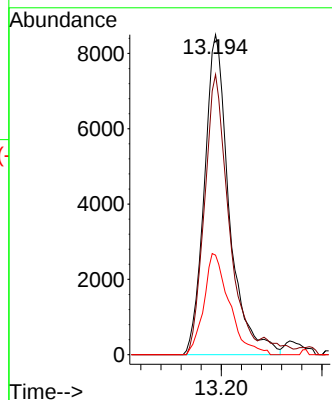
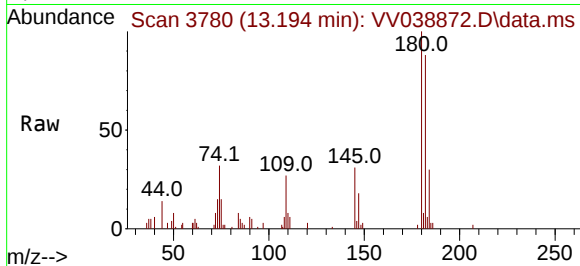




#93
1,2,4-Trichlorobenzene
Concen: 2.455 ug/l
RT: 13.194 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

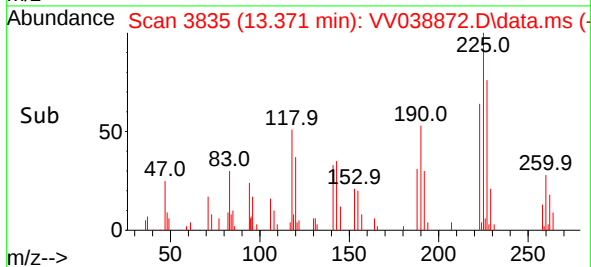
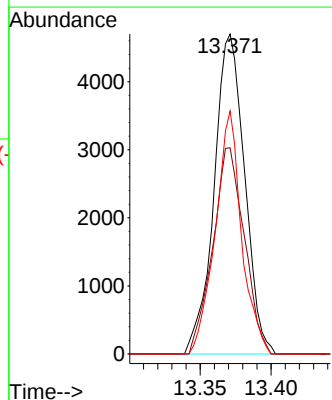
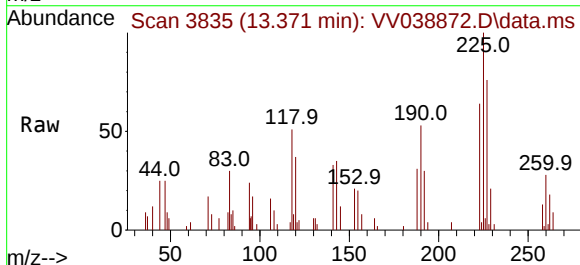
Instrument :
MSVOA_V
ClientSampleId :
MDL05

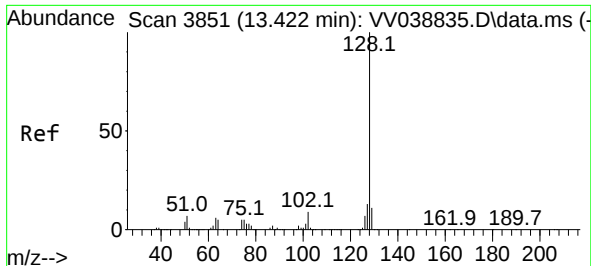
Tgt Ion:180 Resp: 14570
Ion Ratio Lower Upper
180 100
182 84.6 47.6 142.8
145 32.5 16.4 49.1



#94
Hexachlorobutadiene
Concen: 2.459 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion:225 Resp: 7041
Ion Ratio Lower Upper
225 100
223 66.5 33.2 99.6
227 65.2 32.3 96.8

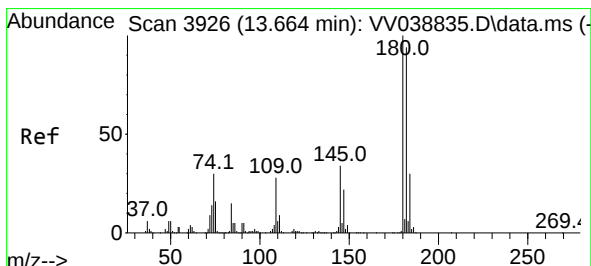
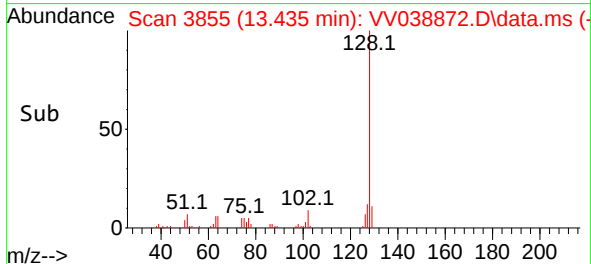
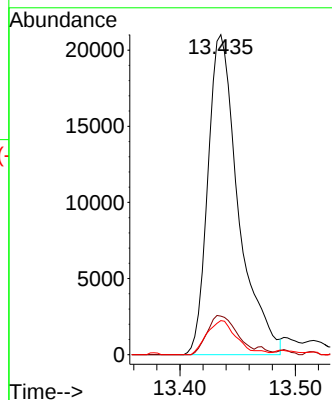
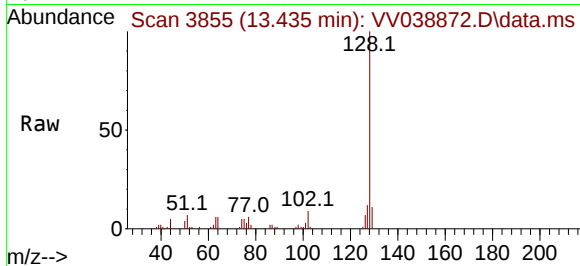




#95
Naphthalene
Concen: 2.043 ug/l
RT: 13.435 min Scan# 3855
Delta R.T. 0.013 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:	128	Resp:	38574
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.2	15.4
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.330 ug/l
RT: 13.673 min Scan# 3929
Delta R.T. 0.010 min
Lab File: VV038872.D
Acq: 07 Jul 2025 16:09

Tgt Ion:	180	Resp:	14272
Ion Ratio	Lower	Upper	
180	100		
182	90.9	47.3	141.9
145	33.3	17.1	51.2

