

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038861.D
 Acq On : 03 Jul 2025 15:03
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jul 07 08:24:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 07 08:22:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	440867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	744228	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	701675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	355671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	273645	55.383	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 110.760%	
35) Dibromofluoromethane	4.500	113	242871	51.520	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 103.040%	
50) Toluene-d8	7.236	98	727961	47.729	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	10.001	95	304334	49.388	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 98.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	12928	3.089	ug/l	98
3) Chloromethane	1.230	50	14456	2.815	ug/l	96
4) Vinyl Chloride	1.294	62	14028	2.938	ug/l	93
5) Bromomethane	1.494	94	12495	4.288	ug/l	88
6) Chloroethane	1.558	64	9508	2.970	ug/l	100
7) Trichlorofluoromethane	1.725	101	24128	2.856	ug/l	97
8) Diethyl Ether	1.921	74	8616	2.931	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	15778	3.303	ug/l	92
10) Methyl Iodide	2.195	142	11846	1.954	ug/l	96
11) Tert butyl alcohol	2.571	59	9480	14.699	ug/l	98
12) 1,1-Dichloroethene	2.082	96	13074	2.880	ug/l	95
13) Acrolein	2.018	56	2853	17.716	ug/l #	79
14) Allyl chloride	2.362	41	19158	3.138	ug/l #	89
15) Acrylonitrile	2.690	53	33503	14.850	ug/l	91
16) Acetone	2.121	43	26946	16.365	ug/l	99
17) Carbon Disulfide	2.253	76	34192	3.251	ug/l	98
18) Methyl Acetate	2.397	43	13531	2.410	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	40868	2.911	ug/l	96
20) Methylene Chloride	2.455	84	17136	3.149	ug/l	95
21) trans-1,2-Dichloroethene	2.709	96	13577	2.990	ug/l	93
22) Diisopropyl ether	3.220	45	32866	2.626	ug/l #	67
23) Vinyl Acetate	3.208	43	105184	11.653	ug/l	97
24) 1,1-Dichloroethane	3.121	63	25435	3.014	ug/l	98
25) 2-Butanone	3.908	43	10327	4.241	ug/l	95
26) 2,2-Dichloropropane	3.815	77	22628	2.893	ug/l	77
27) cis-1,2-Dichloroethene	3.834	96	14918	2.819	ug/l	91
28) Bromochloromethane	4.156	49	10421	2.889	ug/l #	97
29) Tetrahydrofuran	4.252	42	17747	10.762	ug/l #	74
30) Chloroform	4.285	83	28566	3.107	ug/l	92
31) Cyclohexane	4.587	56	26983	4.038	ug/l #	69
32) 1,1,1-Trichloroethane	4.516	97	24453	2.866	ug/l	95
36) 1,1-Dichloropropene	4.757	75	14533	2.541	ug/l	96
37) Ethyl Acetate	4.021	43	4171	0.715	ug/l #	76
38) Carbon Tetrachloride	4.741	117	21568	2.865	ug/l #	90
39) Methylcyclohexane	6.047	83	19337	2.585	ug/l	88
40) Benzene	5.021	78	53214	2.817	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.214	41	2470	0.985	ug/l #	4
42) 1,2-Dichloroethane	5.060	62	20307	3.037	ug/l	98
43) Isopropyl Acetate	5.217	43	20950	2.250	ug/l #	88
44) Trichloroethene	5.847	130	14024	2.845	ug/l	90
45) 1,2-Dichloropropane	6.098	63	12928	2.725	ug/l	91
46) Dibromomethane	6.243	93	10164	2.717	ug/l	96
47) Bromodichloromethane	6.436	83	21537	2.719	ug/l	98
48) Methyl methacrylate	6.339	41	7303	1.649	ug/l #	66
49) 1,4-Dioxane	6.320	88	3300	53.768	ug/l #	66
51) 4-Methyl-2-Pentanone	7.153	43	72264	12.298	ug/l	98
52) Toluene	7.317	92	34044	2.885	ug/l	95
53) t-1,3-Dichloropropene	7.593	75	19538	2.576	ug/l	93
54) cis-1,3-Dichloropropene	6.966	75	20188	2.604	ug/l	95
55) 1,1,2-Trichloroethane	7.770	97	14682	2.845	ug/l	98
56) Ethyl methacrylate	7.731	69	13131	1.934	ug/l #	87
57) 1,3-Dichloropropane	7.944	76	23220	2.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.825	63	36336	11.787	ug/l	100
59) 2-Hexanone	8.079	43	47078	11.359	ug/l	95
60) Dibromochloromethane	8.175	129	18027	2.774	ug/l	98
61) 1,2-Dibromoethane	8.284	107	15838	2.966	ug/l	93
64) Tetrachloroethene	7.902	164	13303	2.948	ug/l	95
65) Chlorobenzene	8.809	112	41542	2.809	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.902	131	15967	2.892	ug/l	98
67) Ethyl Benzene	8.944	91	58166	2.511	ug/l	98
68) m/p-Xylenes	9.069	106	42636	4.805	ug/l	99
69) o-Xylene	9.471	106	20066	2.367	ug/l	98
70) Styrene	9.500	104	33181	2.242	ug/l	98
71) Bromoform	9.661	173	12793	2.851	ug/l #	96
73) Isopropylbenzene	9.860	105	56356	2.700	ug/l	99
74) N-amyl acetate	9.738	43	15620	2.138	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.172	83	23585	3.117	ug/l	99
76) 1,2,3-Trichloropropane	10.204	75	17163	3.119	ug/l	97
77) Bromobenzene	10.149	156	15703	2.916	ug/l	96
78) n-propylbenzene	10.284	91	66397	2.673	ug/l	97
79) 2-Chlorotoluene	10.355	91	42517	2.818	ug/l	98
80) 1,3,5-Trimethylbenzene	10.468	105	45955	2.575	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.937	75	6529	2.525	ug/l	93
82) 4-Chlorotoluene	10.471	91	43539	2.503	ug/l	95
83) tert-Butylbenzene	10.789	119	49004	2.647	ug/l	94
84) 1,2,4-Trimethylbenzene	10.844	105	41502	2.373	ug/l	99
85) sec-Butylbenzene	11.014	105	60656	2.574	ug/l	100
86) p-Isopropyltoluene	11.169	119	51427	2.545	ug/l	98
87) 1,3-Dichlorobenzene	11.114	146	30590	2.794	ug/l	96
88) 1,4-Dichlorobenzene	11.201	146	33196	2.878	ug/l	90
89) n-Butylbenzene	11.587	91	47728	2.549	ug/l	97
90) Hexachloroethane	11.821	117	12182	2.778	ug/l	98
91) 1,2-Dichlorobenzene	11.577	146	28847	2.796	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.361	75	4637	2.894	ug/l	96
93) 1,2,4-Trichlorobenzene	13.194	180	17201	2.572	ug/l	94
94) Hexachlorobutadiene	13.371	225	9250	2.866	ug/l	91
95) Naphthalene	13.432	128	45208	2.125	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	16110	2.334	ug/l	96

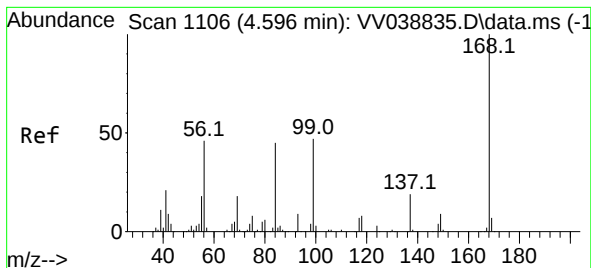
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. 0.001 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

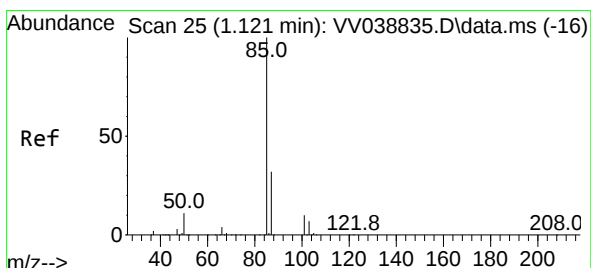
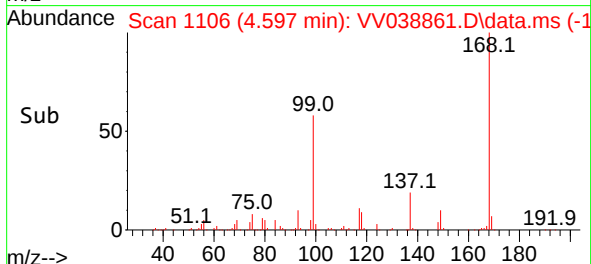
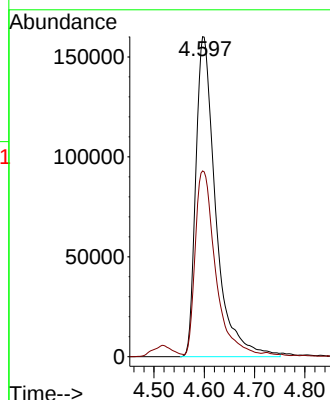
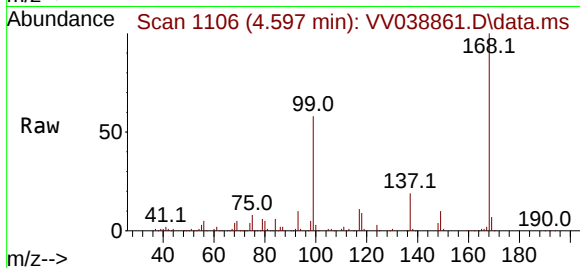
MDL02

Tgt Ion:168 Resp: 440867

Ion Ratio Lower Upper

168 100

99 57.3 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 3.089 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038861.D

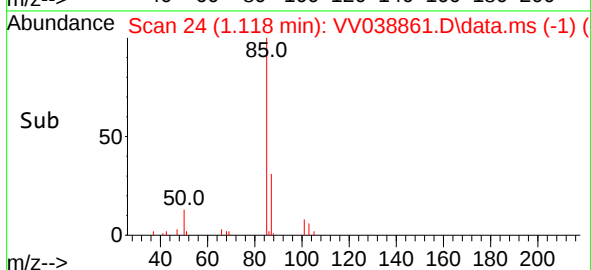
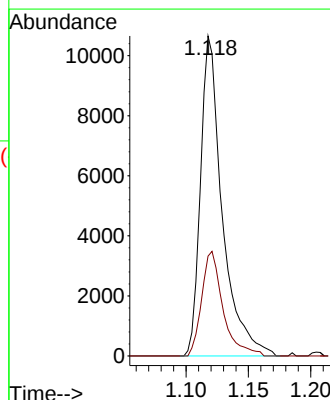
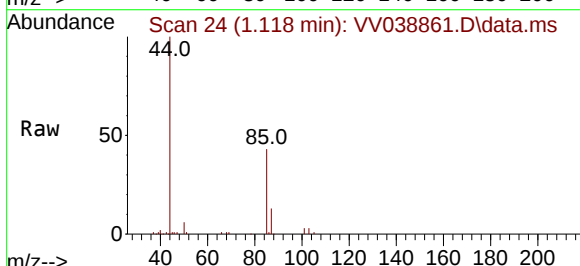
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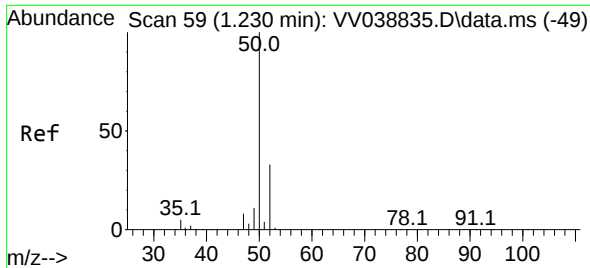
Tgt Ion: 85 Resp: 12928

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.3

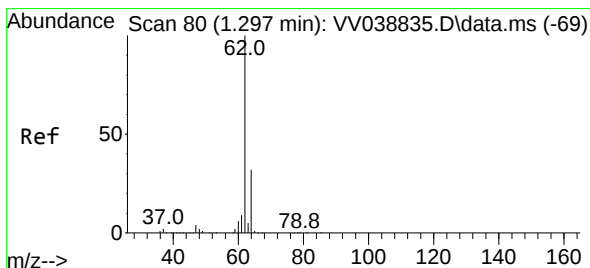
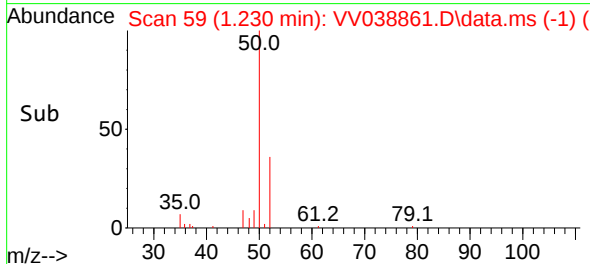
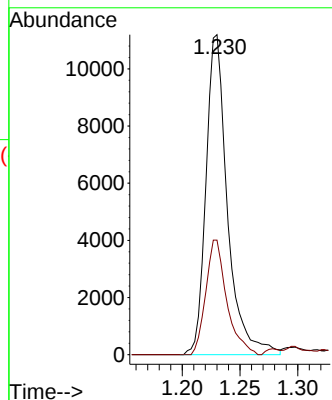
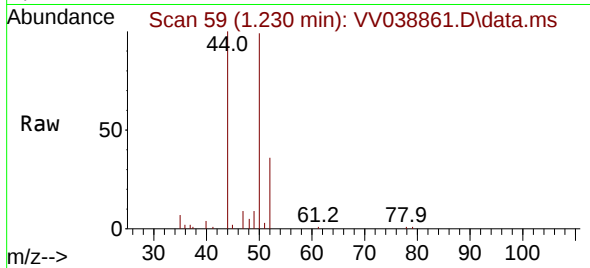




#3
Chloromethane
Concen: 2.815 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

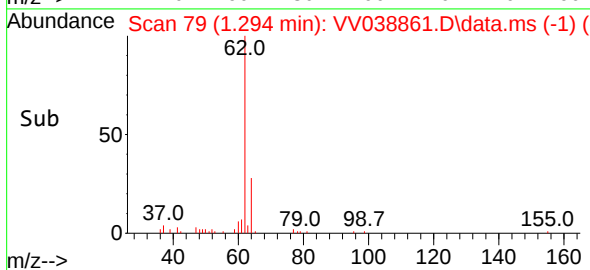
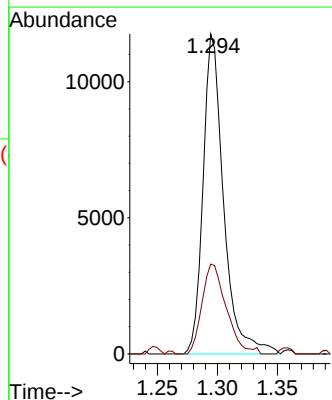
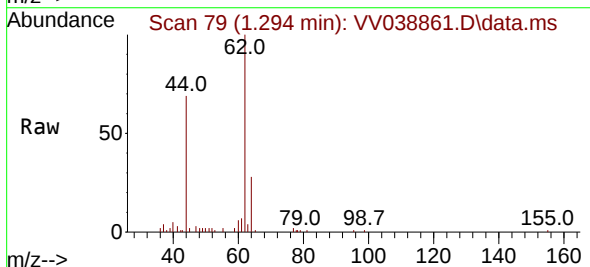
Instrument :
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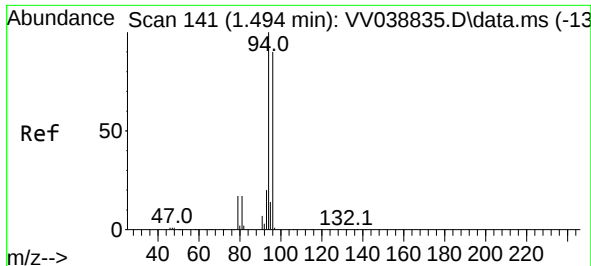
Tgt Ion: 50 Resp: 14456
Ion Ratio Lower Upper
50 100
52 35.8 26.7 40.1



#4
Vinyl Chloride
Concen: 2.938 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 62 Resp: 14028
Ion Ratio Lower Upper
62 100
64 28.1 25.5 38.3

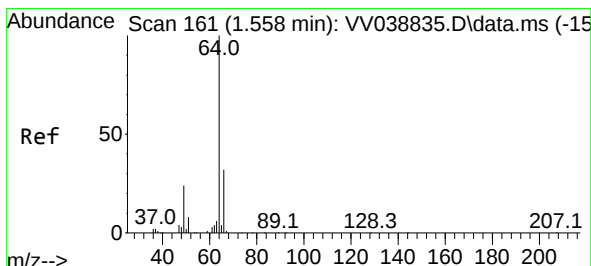
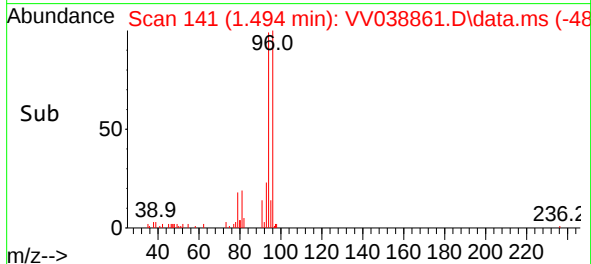
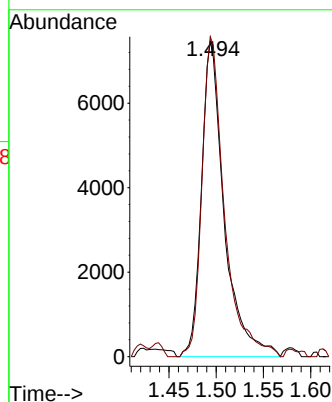
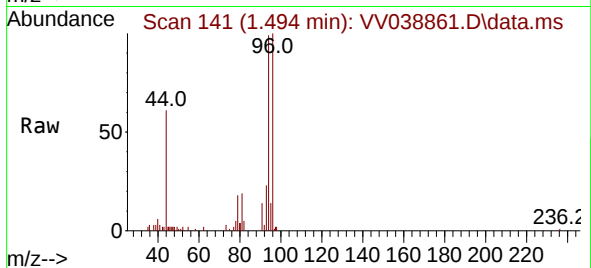




#5
Bromomethane
Concen: 4.288 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

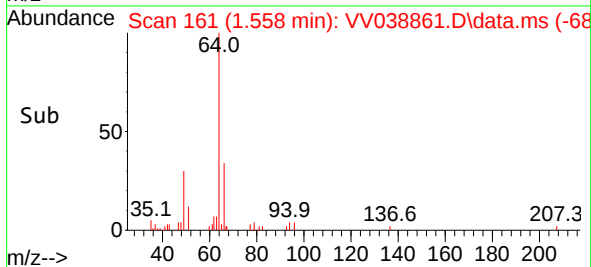
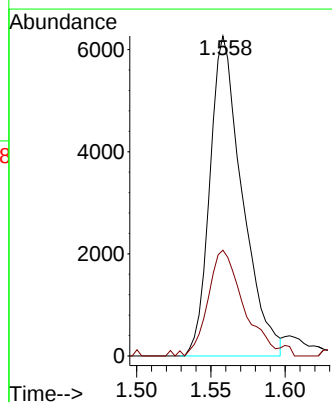
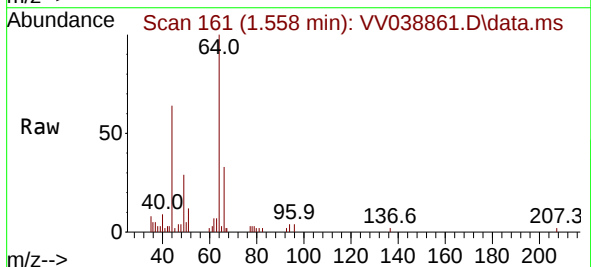
Instrument :
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Tgt Ion: 94 Resp: 12495
Ion Ratio Lower Upper
94 100
96 101.4 72.2 108.4



#6
Chloroethane
Concen: 2.970 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 64 Resp: 9508
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0

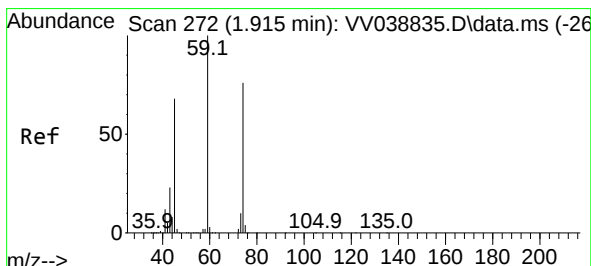
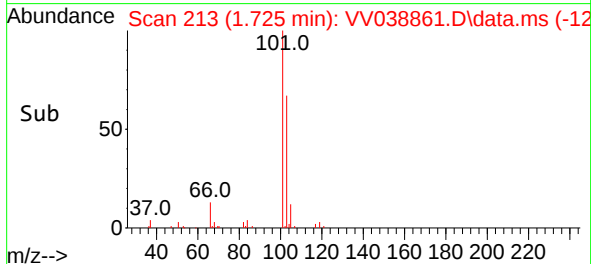
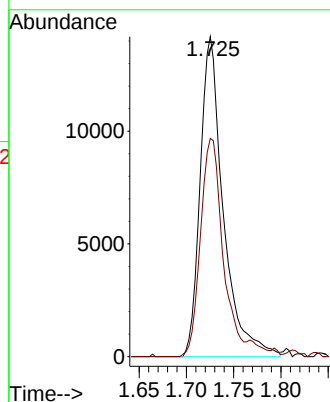
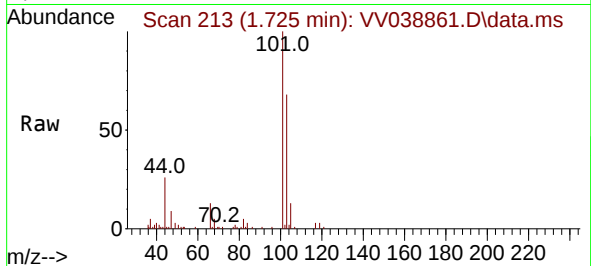




#7
 Trichlorofluoromethane
 Concen: 2.856 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038861.D
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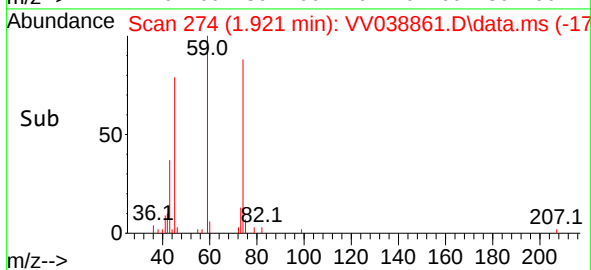
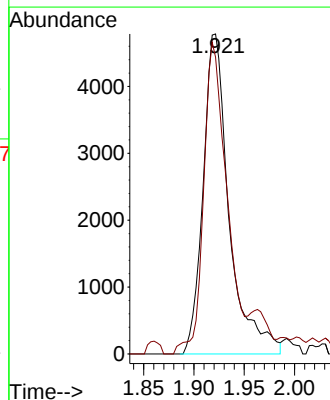
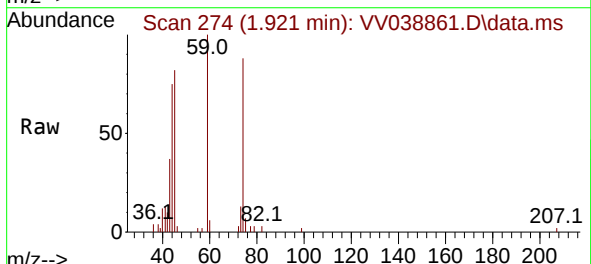
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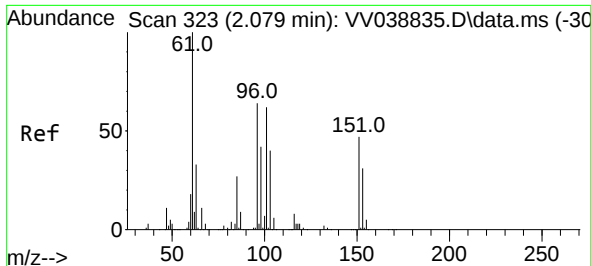
Tgt Ion: 101 Resp: 24128
 Ion Ratio Lower Upper
 101 100
 103 68.2 52.8 79.2



#8
 Diethyl Ether
 Concen: 2.931 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.007 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

Tgt Ion: 74 Resp: 8616
 Ion Ratio Lower Upper
 74 100
 45 87.1 43.9 131.7

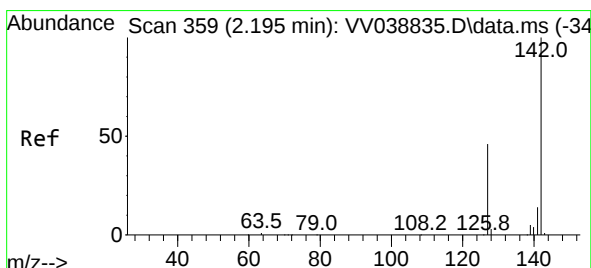
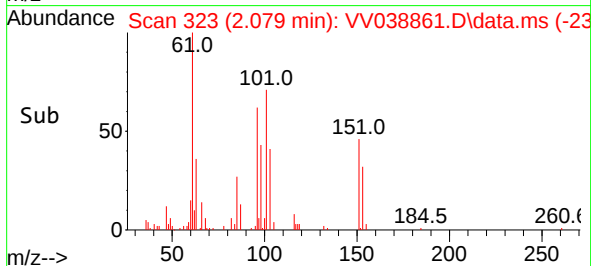
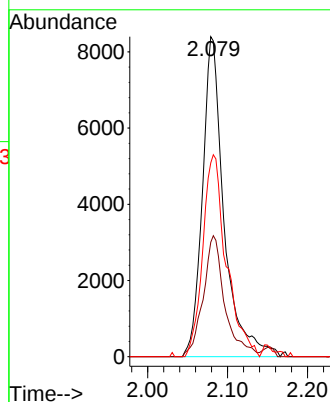
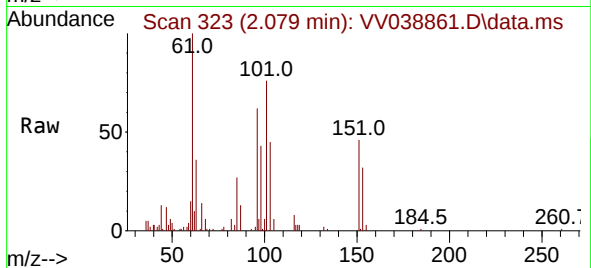




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.303 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
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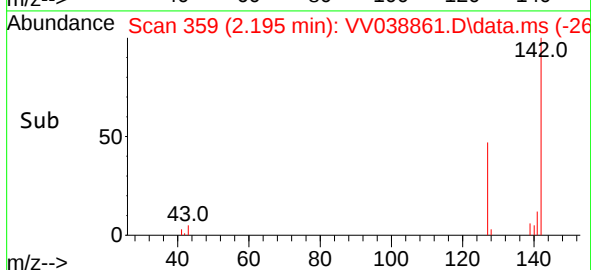
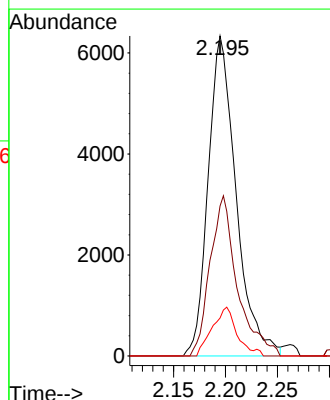
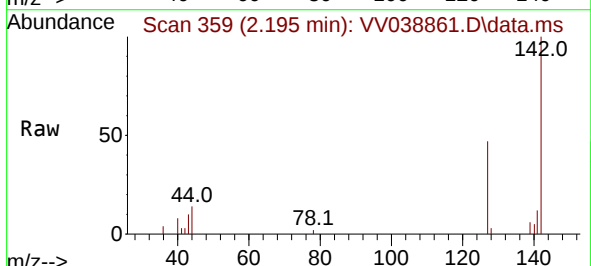
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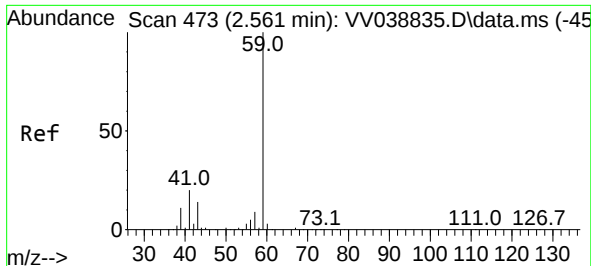
Tgt Ion:	101	Resp:	15778
Ion	Ratio	Lower	Upper
101	100		
85	37.8	34.6	52.0
151	68.7	60.4	90.6



#10
Methyl Iodide
Concen: 1.954 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:	142	Resp:	11846
Ion	Ratio	Lower	Upper
142	100		
127	48.8	36.9	55.3
141	13.5	11.8	17.8

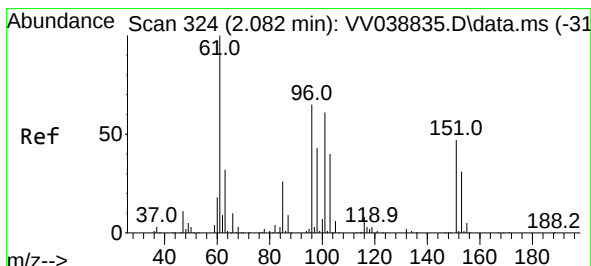
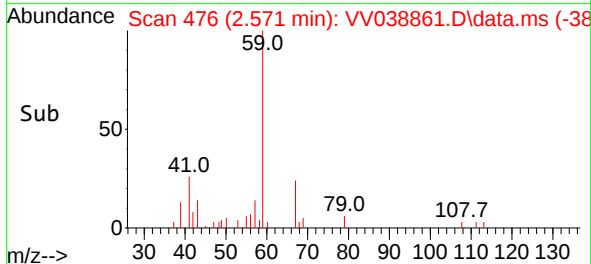
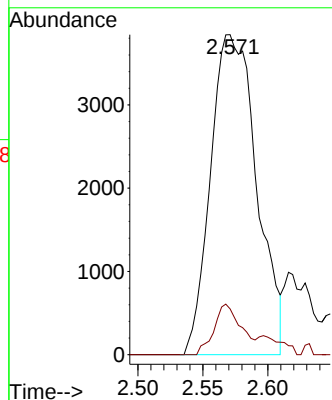
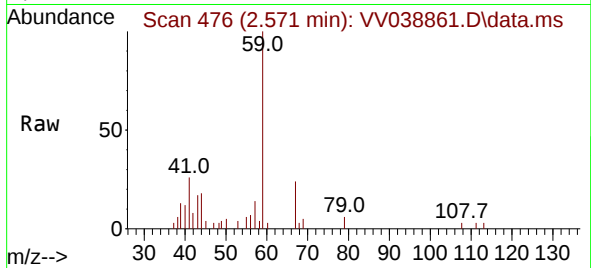




#11
Tert butyl alcohol
Concen: 14.699 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

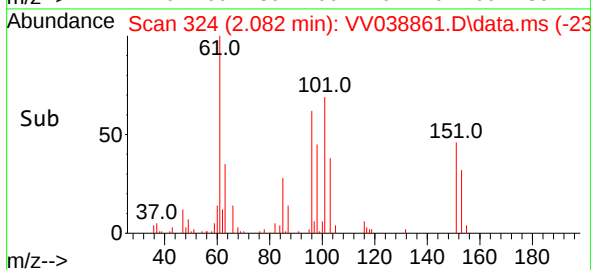
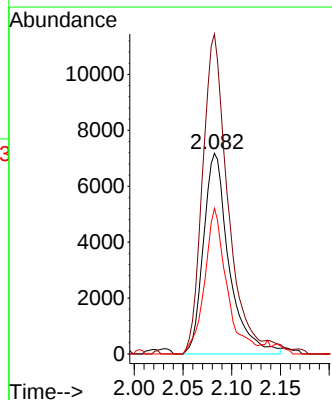
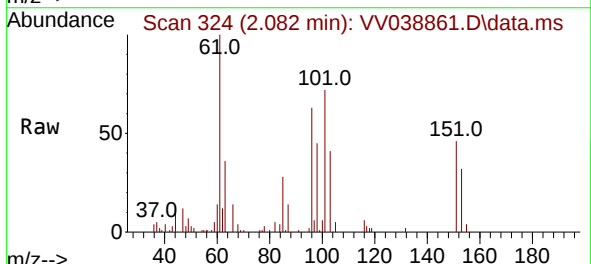
Instrument :
MSVOA_V
ClientSampleId :
MDL02

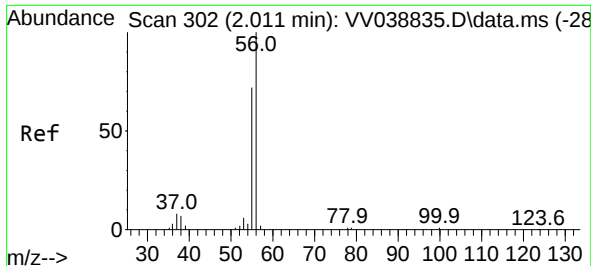
Tgt Ion: 59 Resp: 9480
Ion Ratio Lower Upper
59 100
57 9.4 8.0 12.0



#12
1,1-Dichloroethene
Concen: 2.880 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 96 Resp: 13074
Ion Ratio Lower Upper
96 100
61 159.5 123.5 185.3
98 72.5 52.5 78.7





#13

Acrolein

Concen: 17.716 ug/l

RT: 2.018 min Scan# 302

Delta R.T. 0.007 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

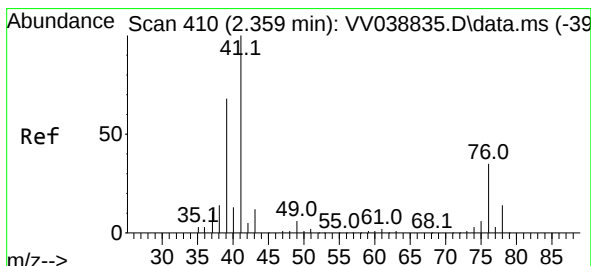
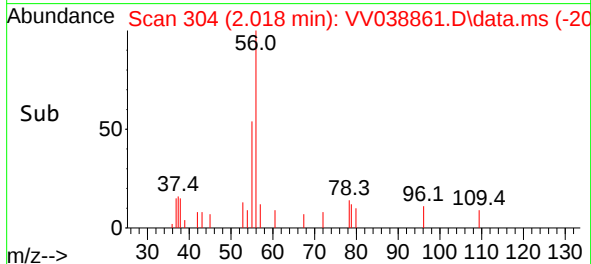
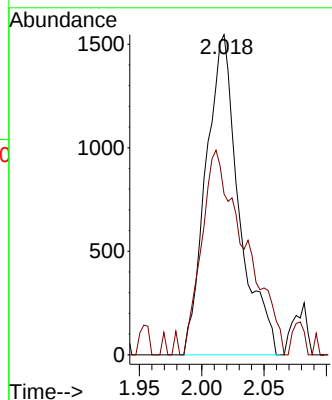
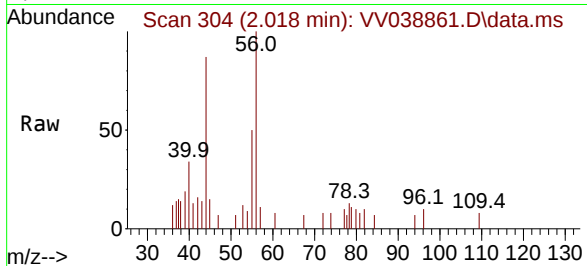
MDL02

Tgt Ion: 56 Resp: 2853

Ion Ratio Lower Upper

56 100

55 83.4 53.4 80.2#



#14

Allyl chloride

Concen: 3.138 ug/l

RT: 2.362 min Scan# 411

Delta R.T. 0.003 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

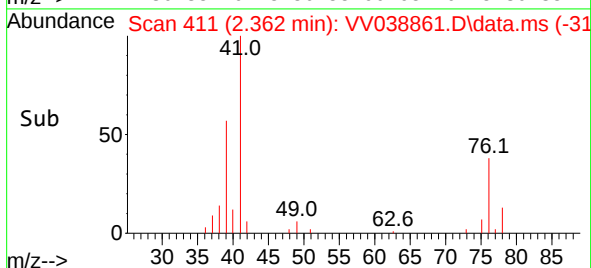
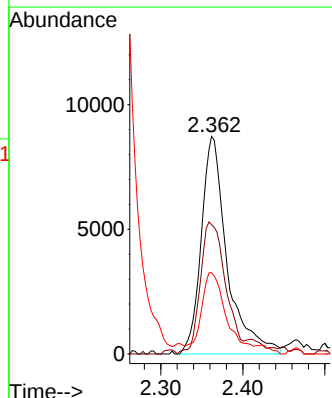
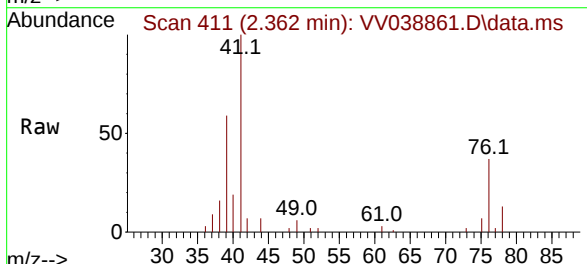
Tgt Ion: 41 Resp: 19158

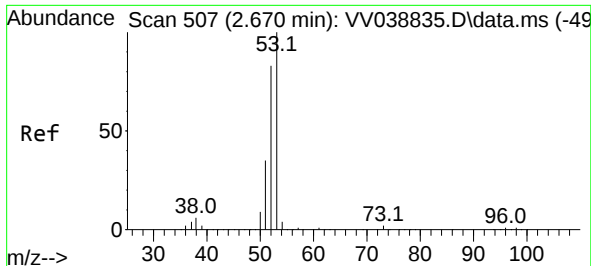
Ion Ratio Lower Upper

41 100

39 58.8 51.0 76.4

76 29.8 33.6 50.4#

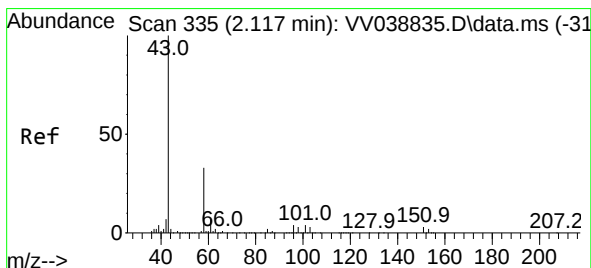
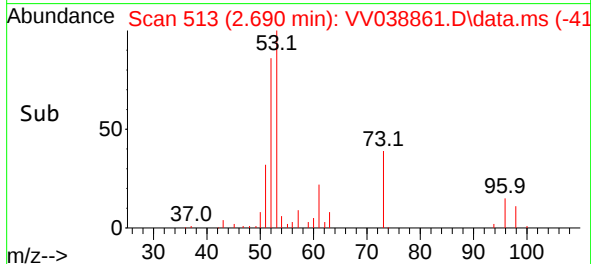
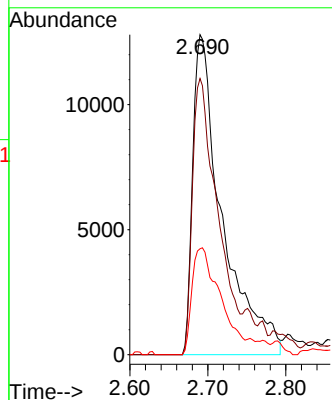
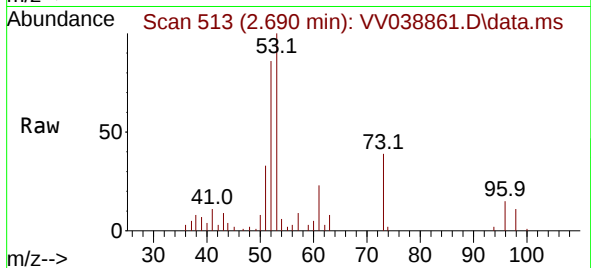




#15
Acrylonitrile
Concen: 14.850 ug/l
RT: 2.690 min Scan# 513
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

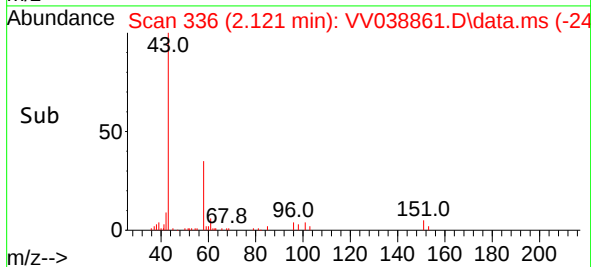
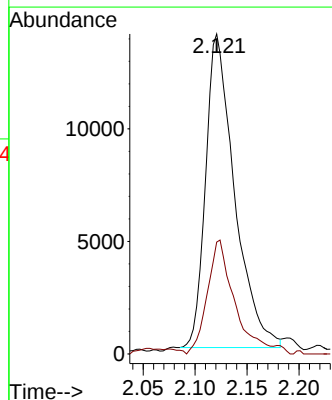
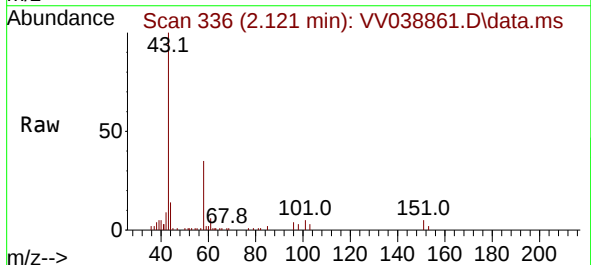
Instrument :
MSVOA_V
ClientSampleId :
MDL02

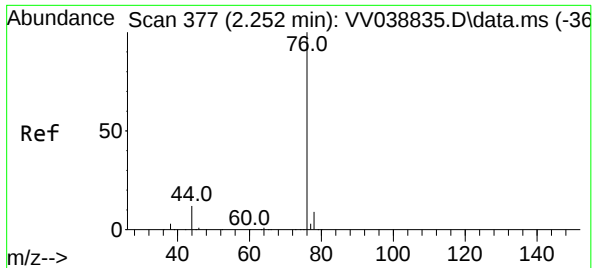
Tgt Ion: 53 Resp: 33503
Ion Ratio Lower Upper
53 100
52 73.2 65.8 98.6
51 32.2 28.5 42.7



#16
Acetone
Concen: 16.365 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 43 Resp: 26946
Ion Ratio Lower Upper
43 100
58 34.5 27.0 40.4

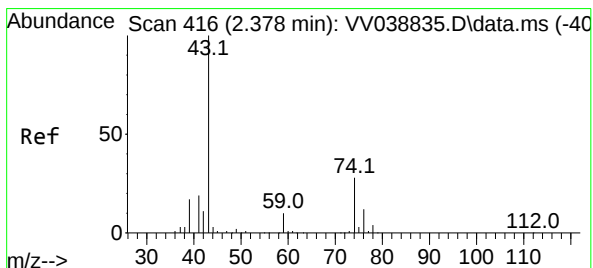
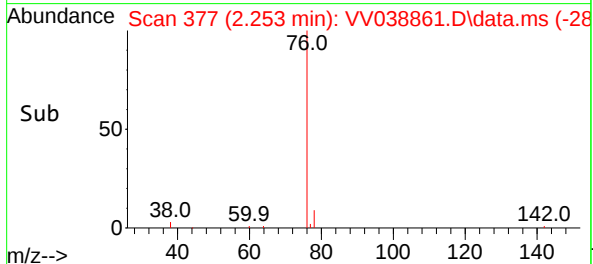
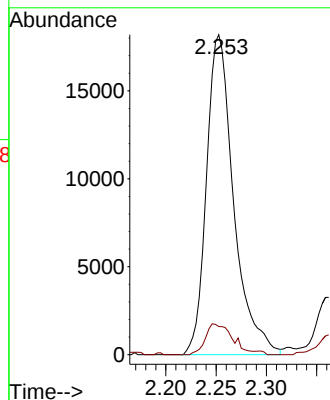
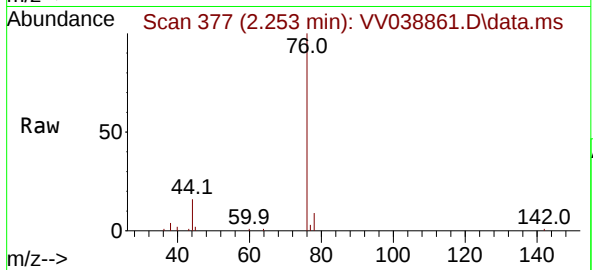




#17
Carbon Disulfide
Concen: 3.251 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

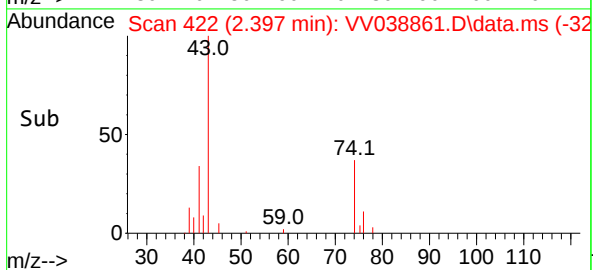
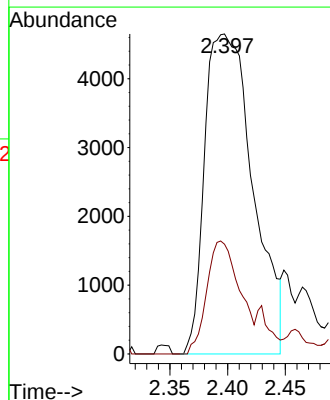
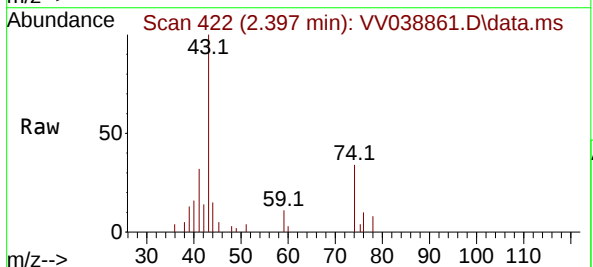
Instrument :
MSVOA_V
ClientSampleId :
MDL02

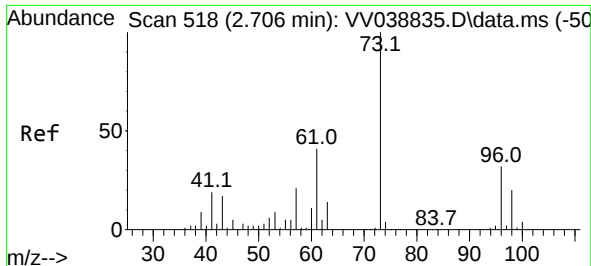
Tgt Ion: 76 Resp: 34192
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 2.410 ug/l
RT: 2.397 min Scan# 422
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 43 Resp: 13531
Ion Ratio Lower Upper
43 100
74 24.1 21.4 32.0

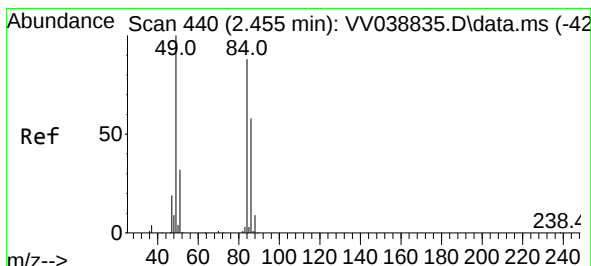
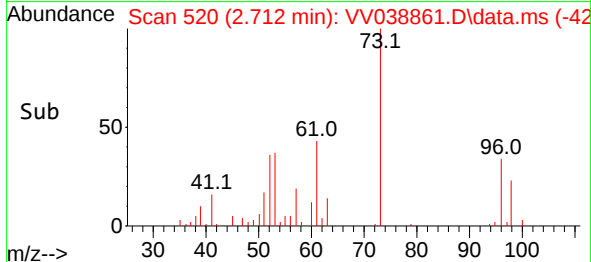
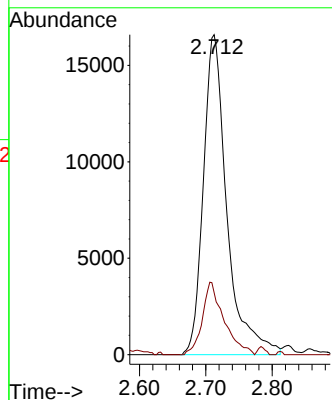
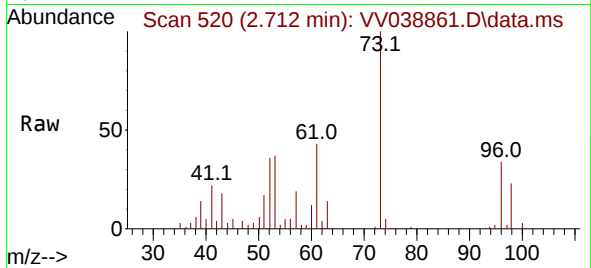




#19
Methyl tert-butyl Ether
Concen: 2.911 ug/l
RT: 2.712 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

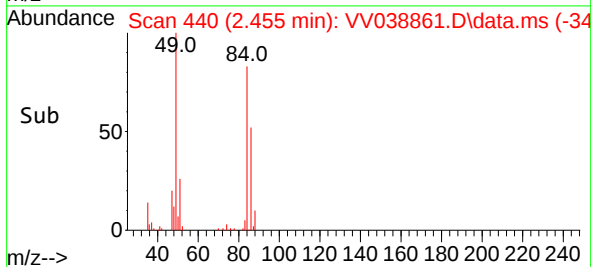
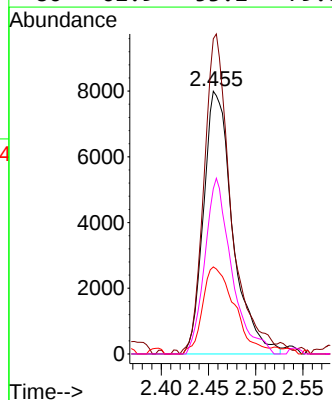
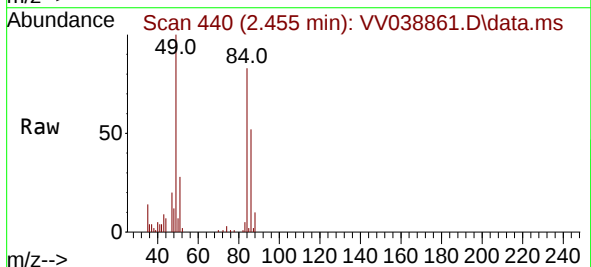
Instrument :
MSVOA_V
ClientSampleId :
MDL02

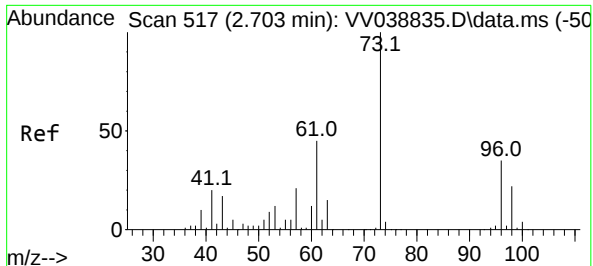
Tgt Ion: 73 Resp: 40868
Ion Ratio Lower Upper
73 100
57 19.4 17.0 25.4



#20
Methylene Chloride
Concen: 3.149 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 84 Resp: 17136
Ion Ratio Lower Upper
84 100
49 119.9 91.0 136.4
51 33.1 29.4 44.2
86 62.9 53.2 79.8

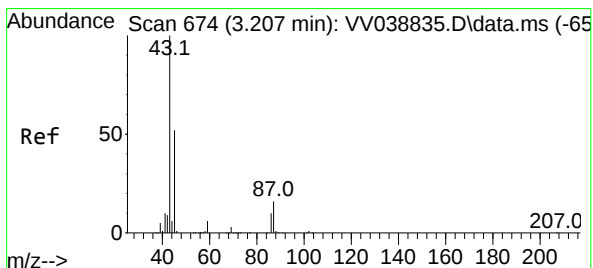
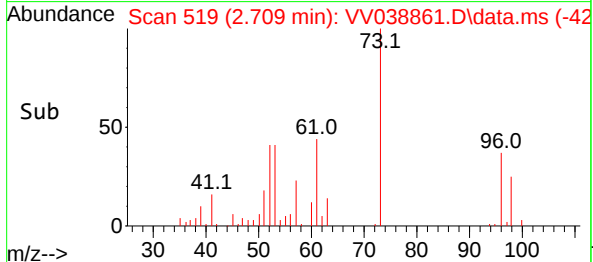
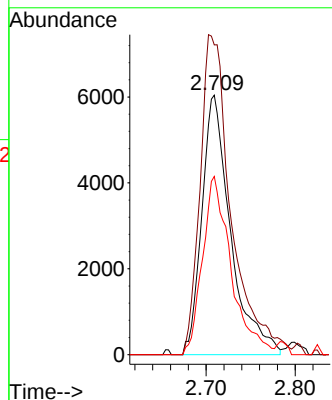
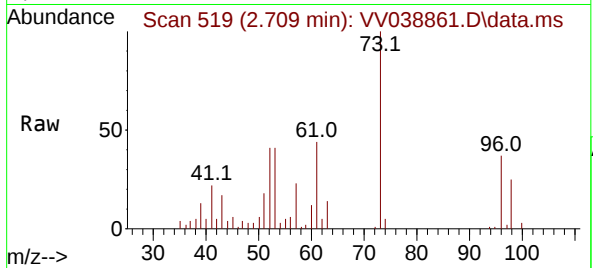




#21
trans-1,2-Dichloroethene
Concen: 2.990 ug/l
RT: 2.709 min Scan# 517
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

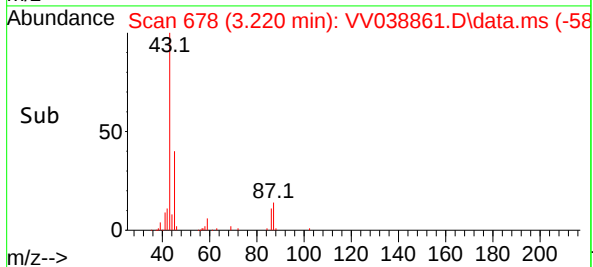
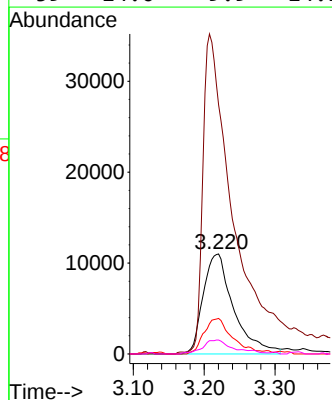
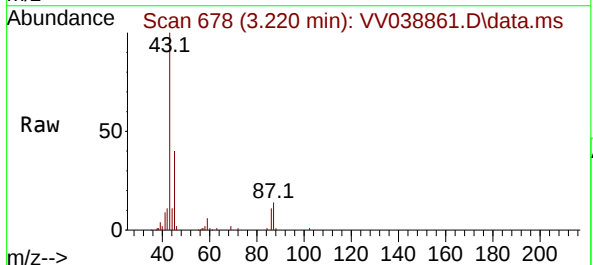
Instrument :
MSVOA_V
ClientSampleId :
MDL02

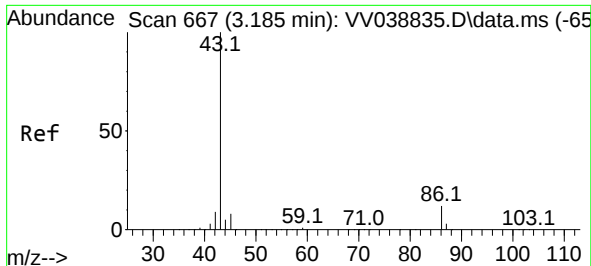
Tgt Ion: 96 Resp: 13577
Ion Ratio Lower Upper
96 100
61 119.4 102.8 154.2
98 68.7 50.9 76.3



#22
Diisopropyl ether
Concen: 2.626 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 45 Resp: 32866
Ion Ratio Lower Upper
45 100
43 249.8 153.1 229.7#
87 35.8 25.2 37.8
59 14.0 9.9 14.9

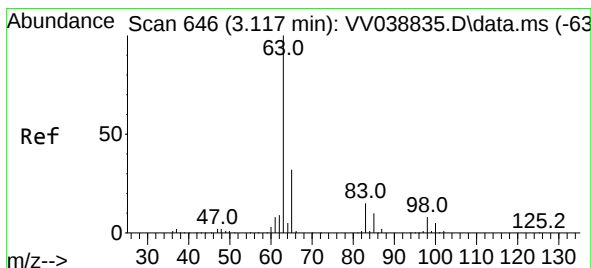
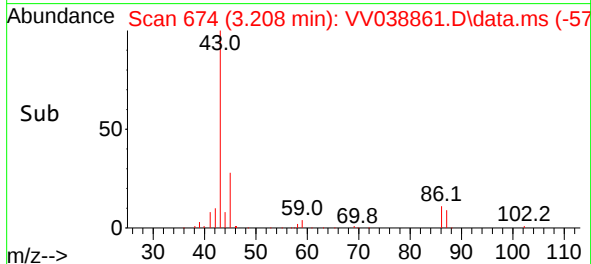
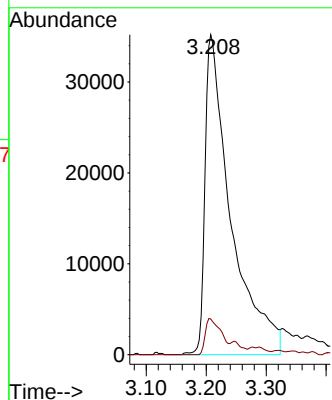
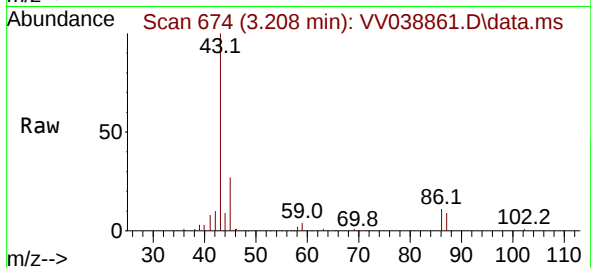




#23
 Vinyl Acetate
 Concen: 11.653 ug/l
 RT: 3.208 min Scan# 61
 Delta R.T. 0.023 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

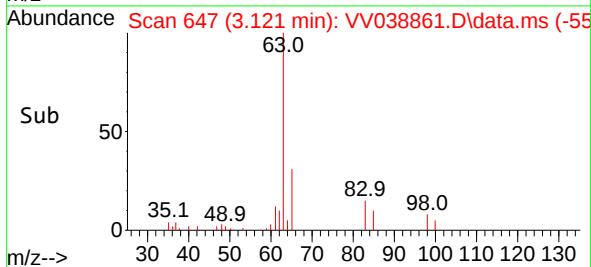
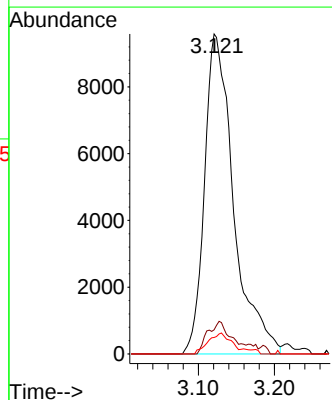
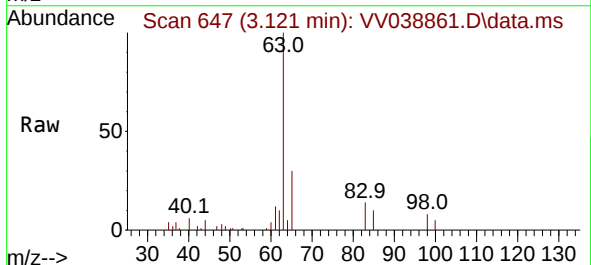
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

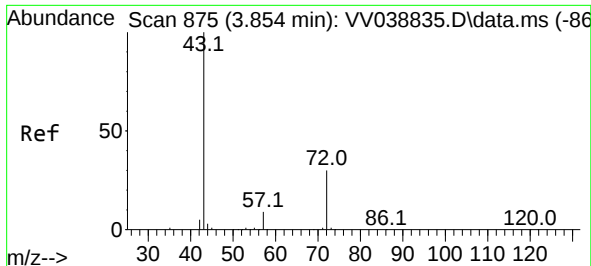
Tgt Ion: 43 Resp: 105184
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 3.014 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

Tgt Ion: 63 Resp: 25435
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.1 12.3
 100 5.1 2.4 7.2

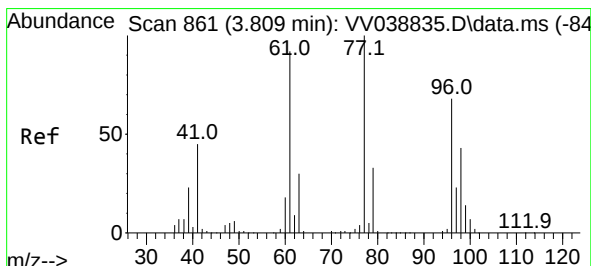
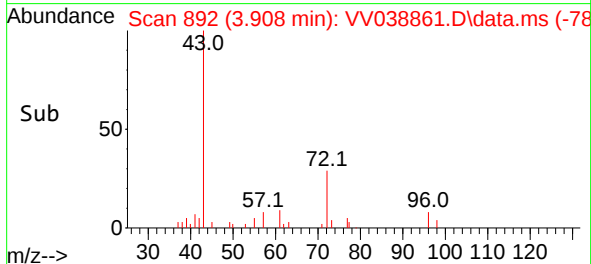
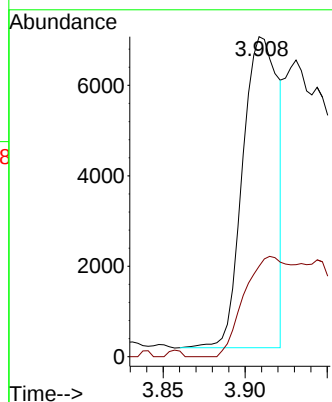
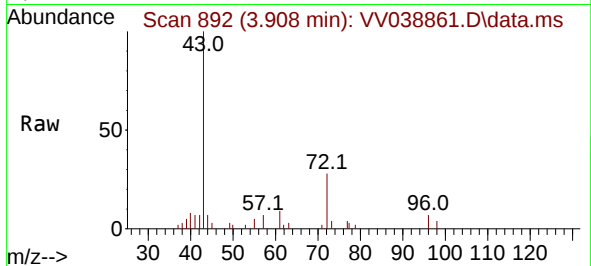




#25
2-Butanone
Concen: 4.241 ug/l
RT: 3.908 min Scan# 892
Delta R.T. 0.055 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

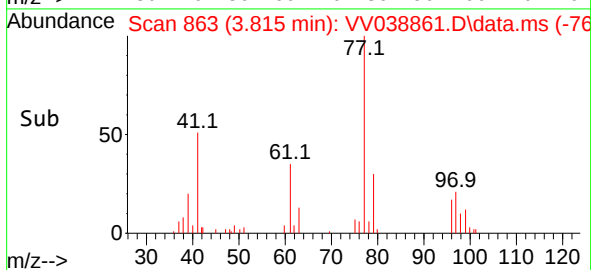
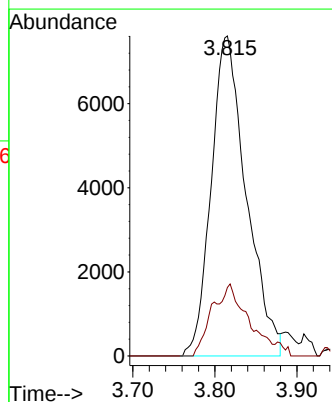
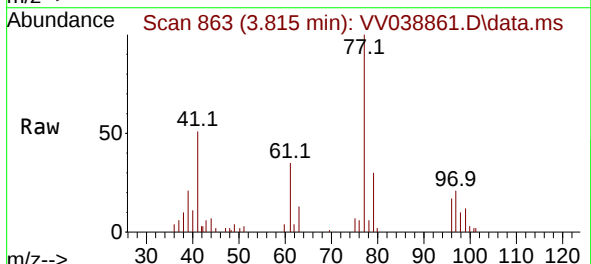
Instrument :
MSVOA_V
ClientSampleId :
MDL02

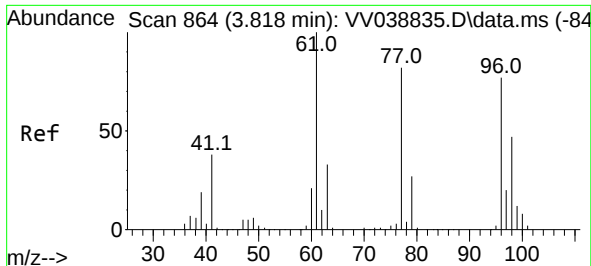
Tgt Ion: 43 Resp: 10327
Ion Ratio Lower Upper
43 100
72 27.3 23.8 35.8



#26
2,2-Dichloropropane
Concen: 2.893 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 77 Resp: 22628
Ion Ratio Lower Upper
77 100
97 11.9 11.5 34.4

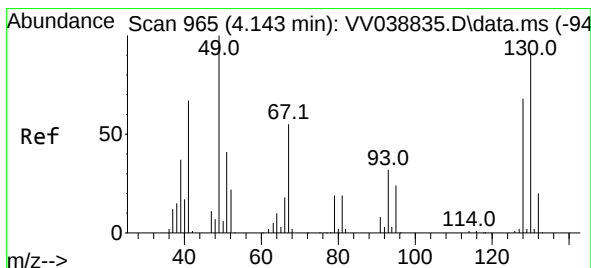
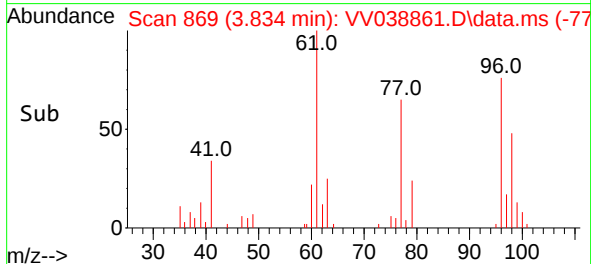
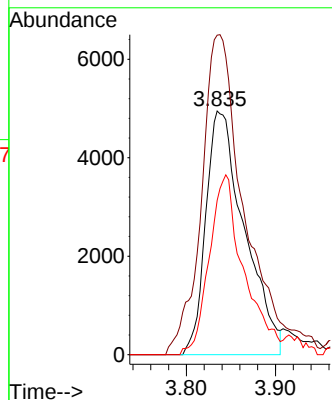
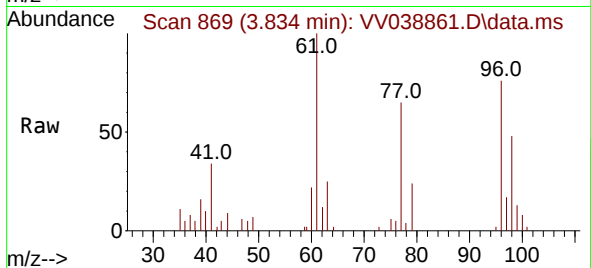




#27
 cis-1,2-Dichloroethene
 Concen: 2.819 ug/l
 RT: 3.834 min Scan# 869
 Delta R.T. 0.016 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

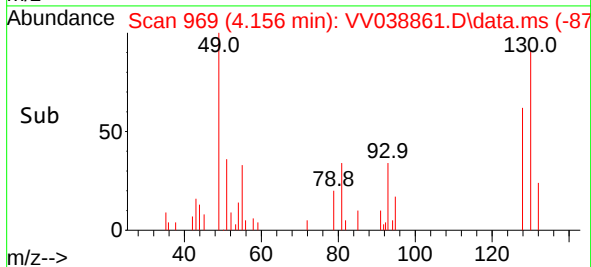
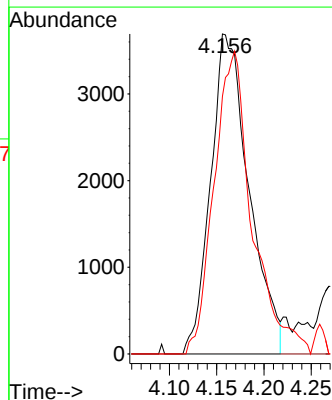
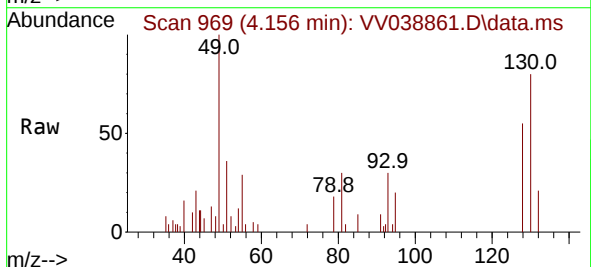
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

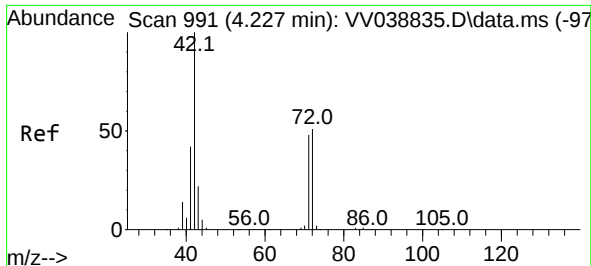
Tgt Ion: 96	Resp: 14918
Ion Ratio	Lower Upper
96 100	
61 147.9	0.0 268.4
98 65.8	0.0 128.0



#28
 Bromochloromethane
 Concen: 2.889 ug/l
 RT: 4.156 min Scan# 969
 Delta R.T. 0.013 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

Tgt Ion: 49	Resp: 10421
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 2.2
130 93.6	72.5 108.7





#29

Tetrahydrofuran

Concen: 10.762 ug/l

RT: 4.252 min Scan# 991

Delta R.T. 0.026 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

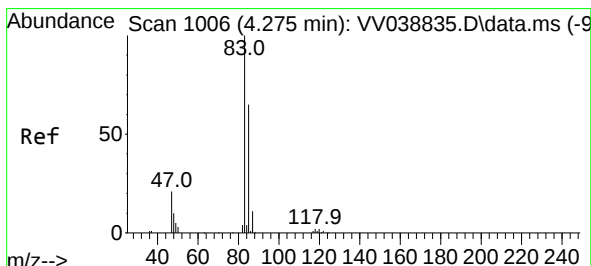
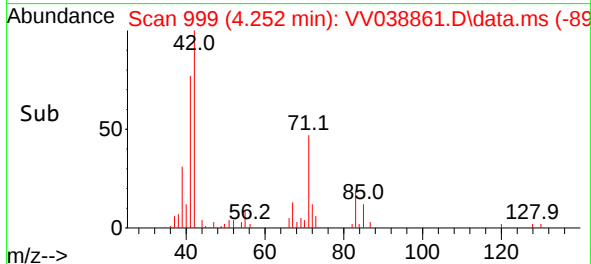
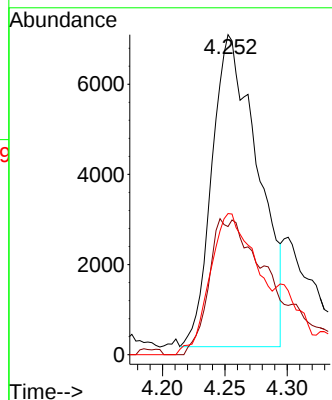
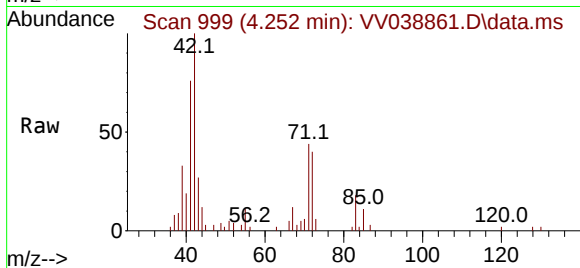
Tgt Ion: 42 Resp: 17747

Ion Ratio Lower Upper

42 100

72 19.1 41.3 61.9#

71 46.1 39.2 58.8



#30

Chloroform

Concen: 3.107 ug/l

RT: 4.285 min Scan# 1009

Delta R.T. 0.010 min

Lab File: VV038861.D

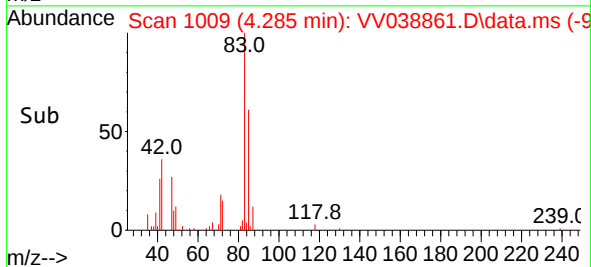
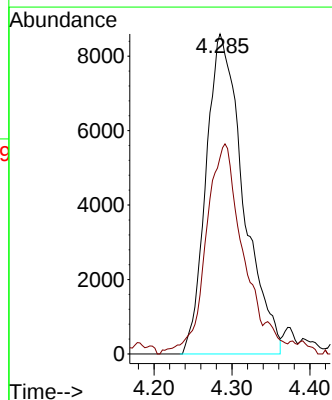
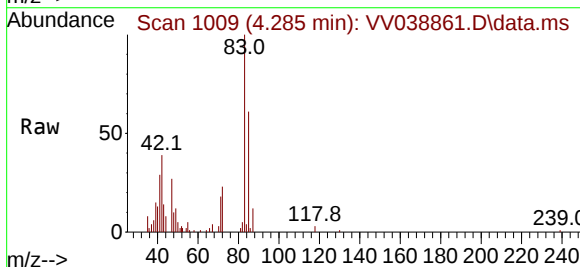
Acq: 03 Jul 2025 15:03

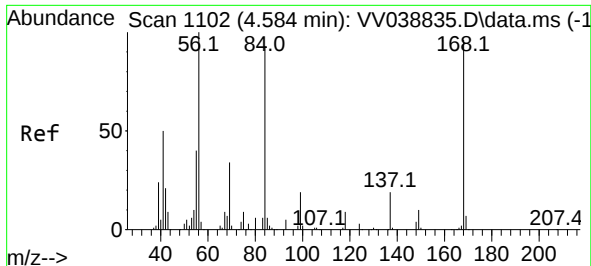
Tgt Ion: 83 Resp: 28566

Ion Ratio Lower Upper

83 100

85 58.6 51.8 77.6

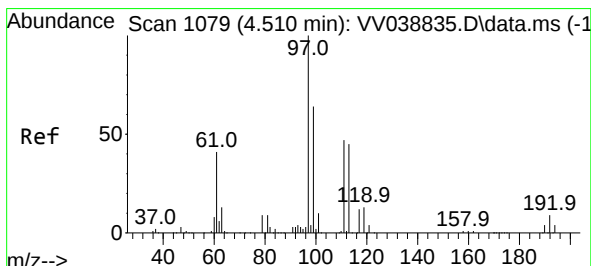
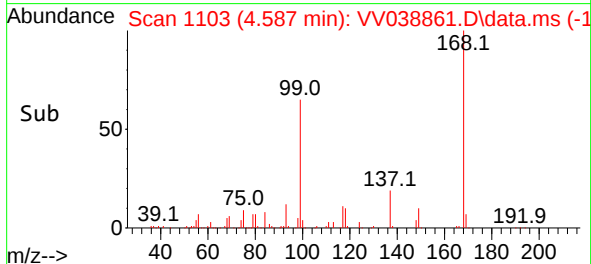
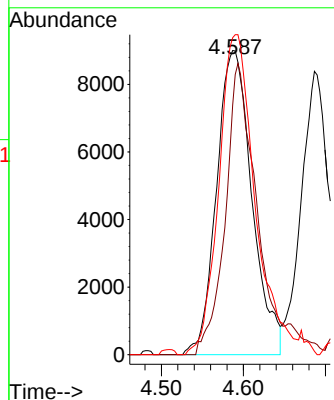
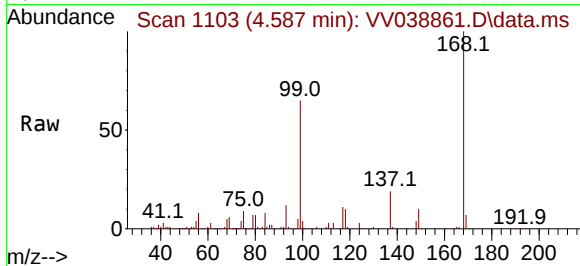




#31
Cyclohexane
Concen: 4.038 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

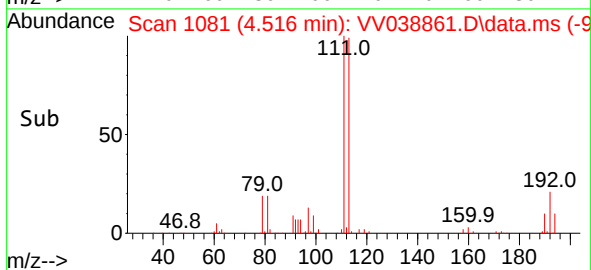
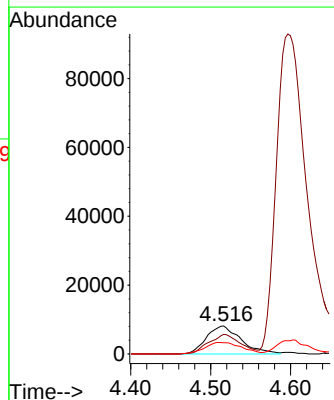
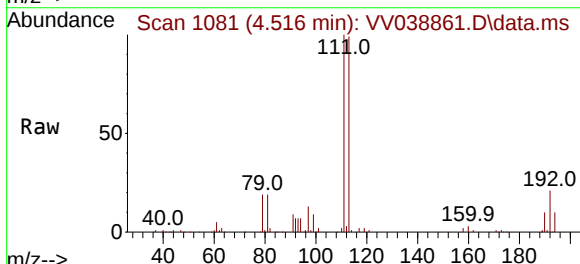
Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 56 Resp: 26983
Ion Ratio Lower Upper
56 100
69 82.1 27.0 40.4#
84 104.2 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 2.866 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 97 Resp: 24453
Ion Ratio Lower Upper
97 100
99 64.1 48.8 73.2
61 43.7 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 55.383 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

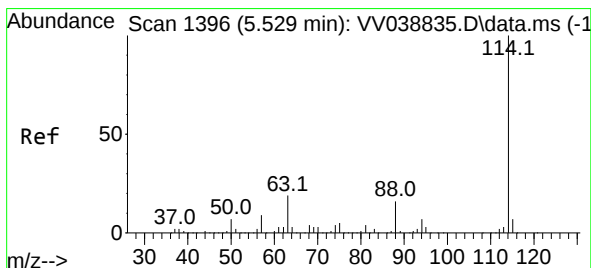
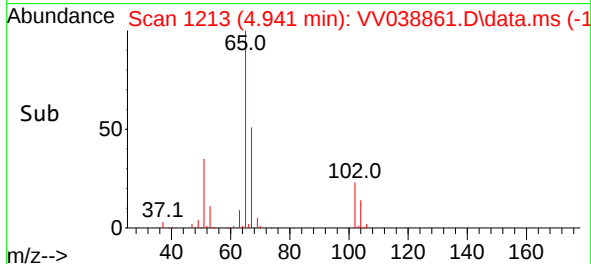
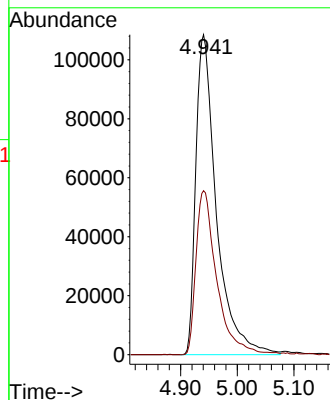
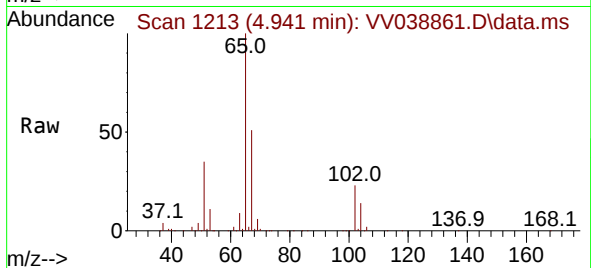
MDL02

Tgt Ion: 65 Resp: 273645

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: VV038861.D

Acq: 03 Jul 2025 15:03

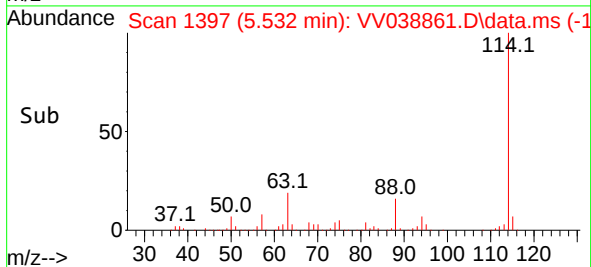
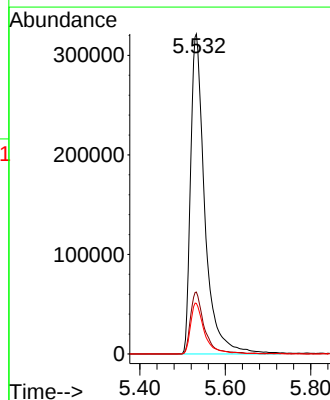
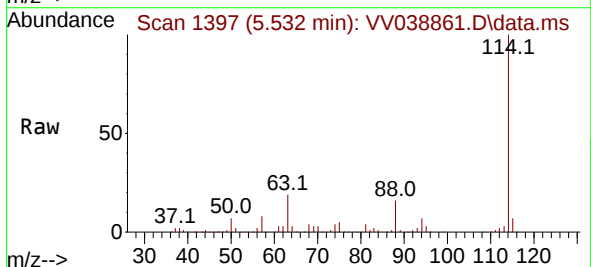
Tgt Ion: 114 Resp: 744228

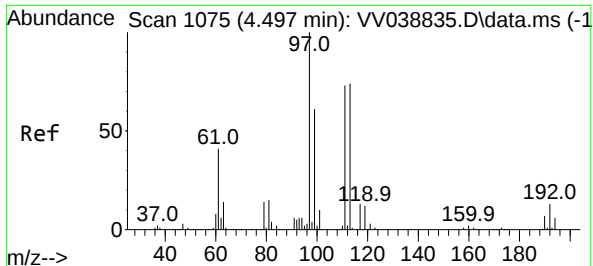
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.8 0.0 31.2

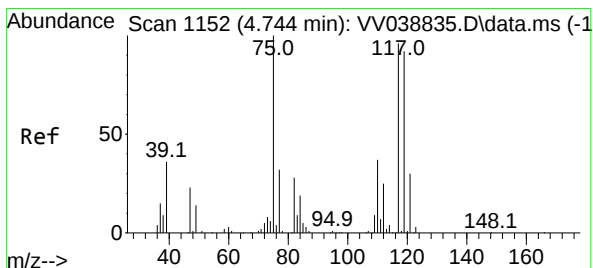
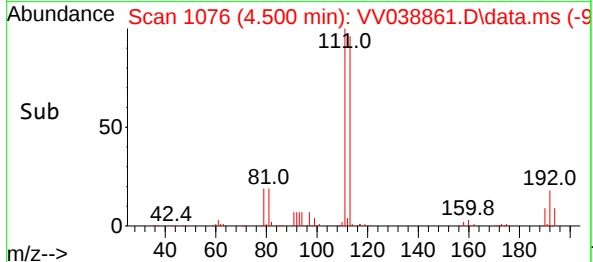
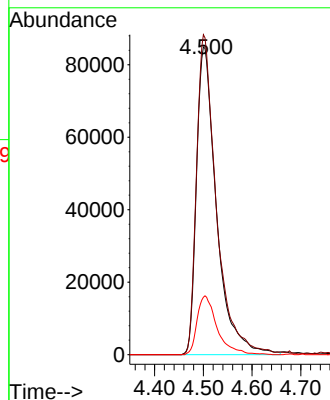
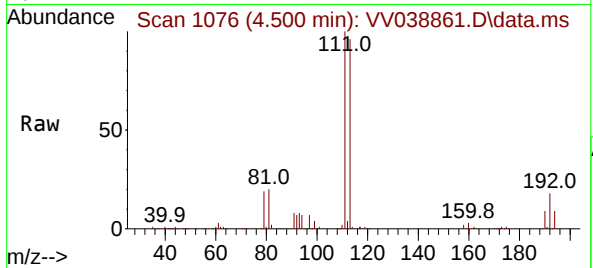




#35
Dibromofluoromethane
Concen: 51.520 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

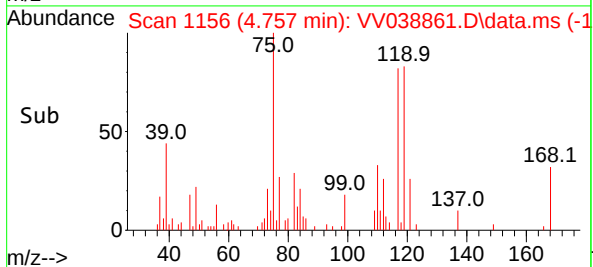
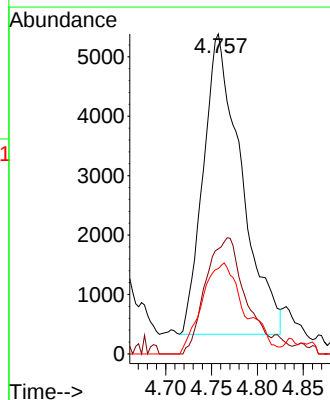
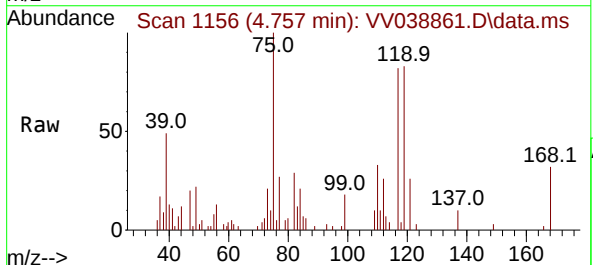
Instrument :
MSVOA_V
ClientSampleId :
MDL02

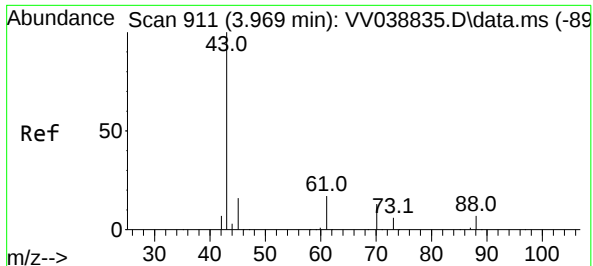
Tgt Ion:113 Resp: 242871
Ion Ratio Lower Upper
113 100
111 103.1 81.5 122.3
192 19.1 14.7 22.1



#36
1,1-Dichloropropene
Concen: 2.541 ug/l
RT: 4.757 min Scan# 1156
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 75 Resp: 14533
Ion Ratio Lower Upper
75 100
110 40.4 19.3 57.9
77 34.4 25.1 37.7

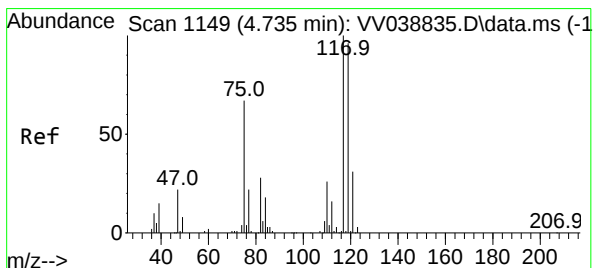
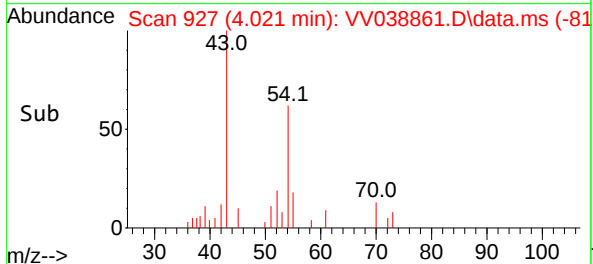
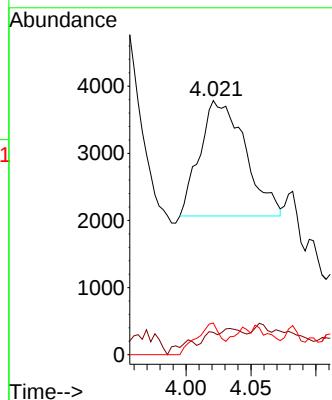
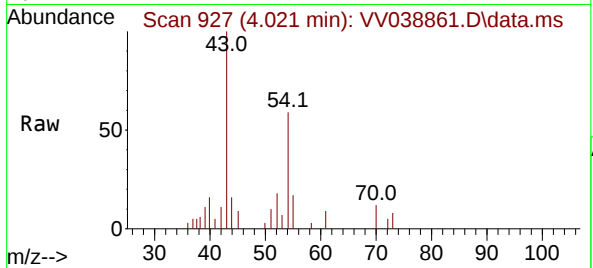




#37
Ethyl Acetate
Concen: 0.715 ug/l
RT: 4.021 min Scan# 911
Delta R.T. 0.052 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

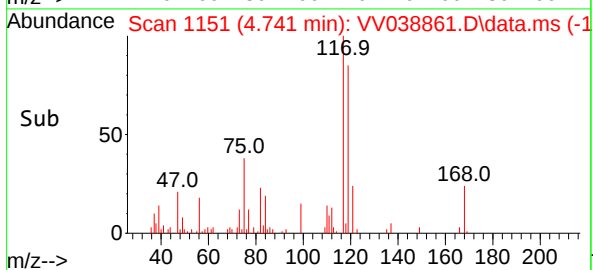
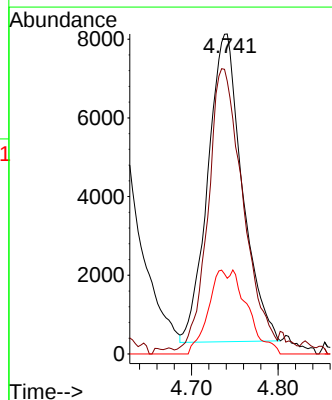
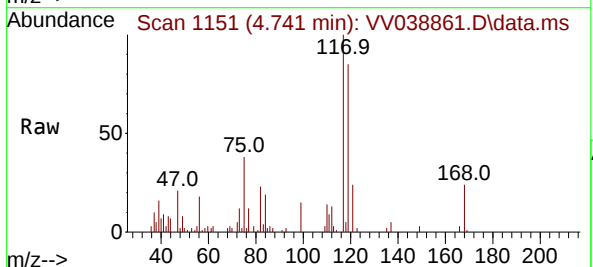
Instrument :
MSVOA_V
ClientSampleId :
MDL02

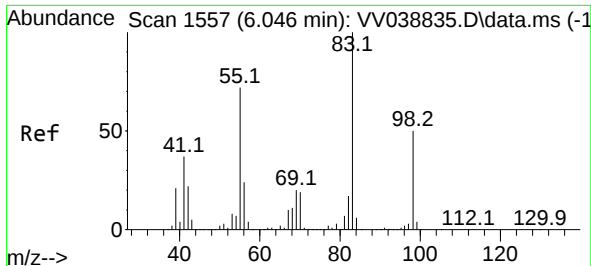
Tgt Ion: 43 Resp: 4171
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 14.4 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 2.865 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 117 Resp: 21568
Ion Ratio Lower Upper
117 100
119 86.7 76.5 114.7
121 24.7 25.0 37.6#





#39

Methylcyclohexane

Concen: 2.585 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

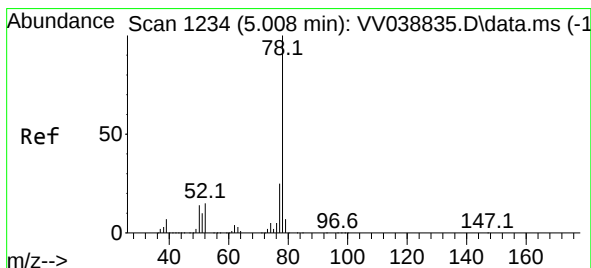
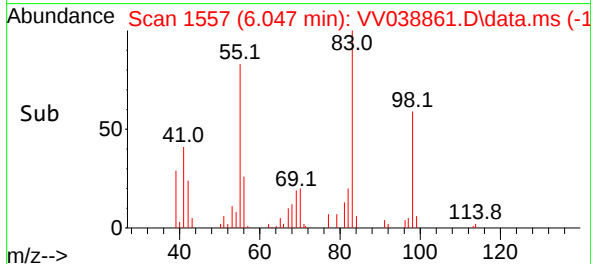
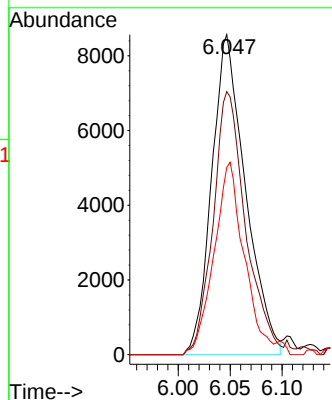
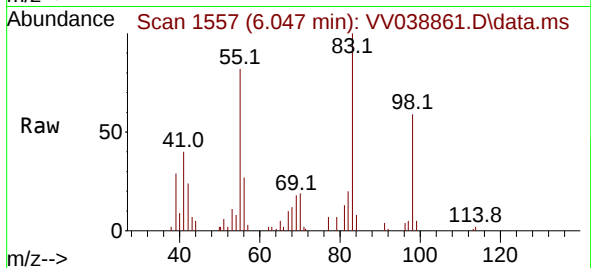
Tgt Ion: 83 Resp: 19337

Ion Ratio Lower Upper

83 100

55 82.2 57.7 86.5

98 58.5 40.2 60.2



#40

Benzene

Concen: 2.817 ug/l

RT: 5.021 min Scan# 1238

Delta R.T. 0.013 min

Lab File: VV038861.D

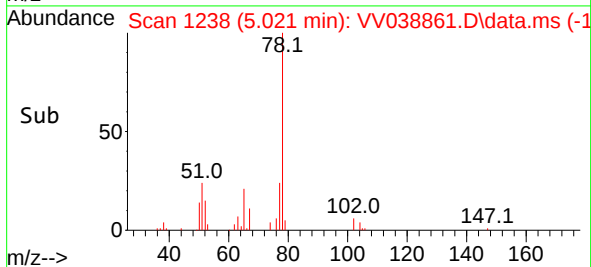
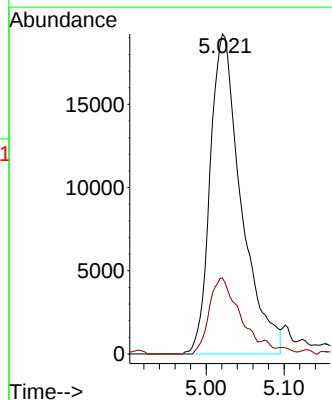
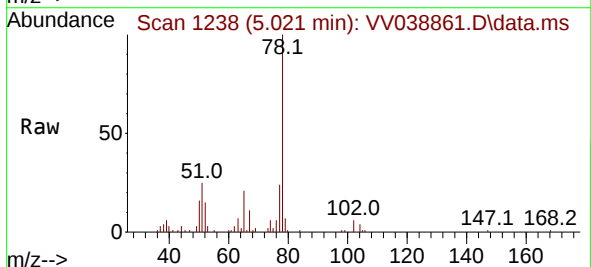
Acq: 03 Jul 2025 15:03

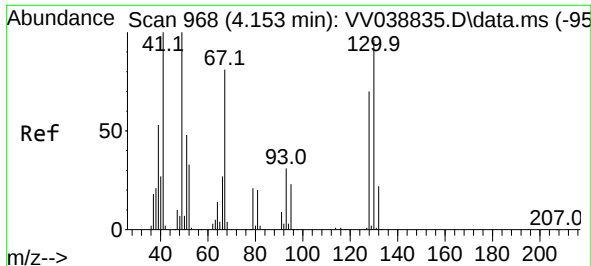
Tgt Ion: 78 Resp: 53214

Ion Ratio Lower Upper

78 100

77 23.8 19.6 29.4

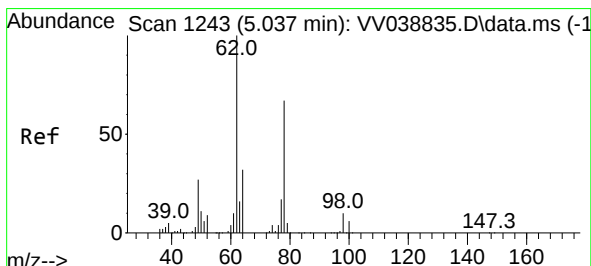
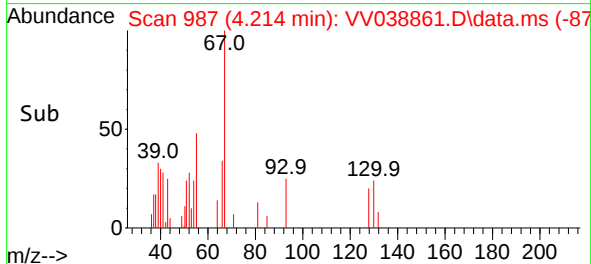
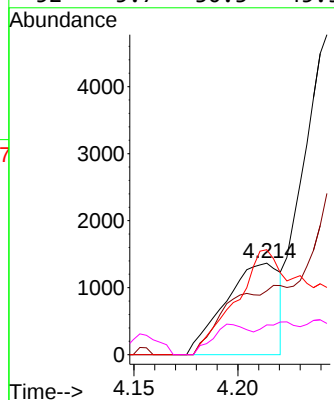
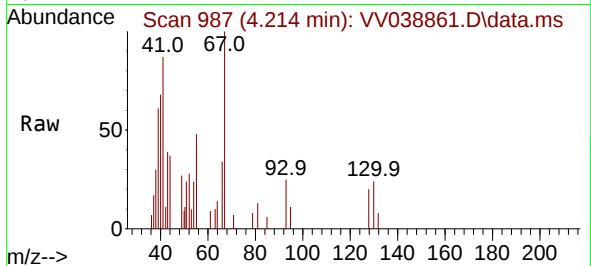




#41
Methacrylonitrile
Concen: 0.985 ug/l
RT: 4.214 min Scan# 91
Delta R.T. 0.061 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

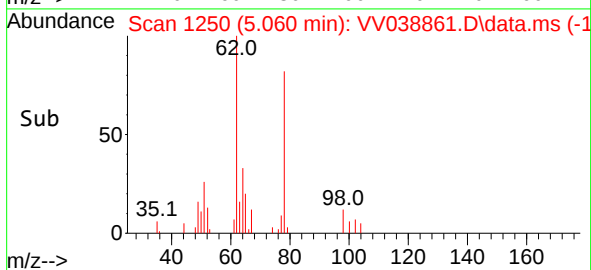
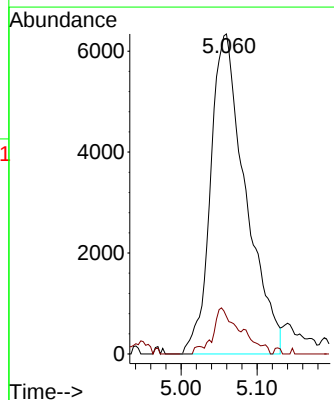
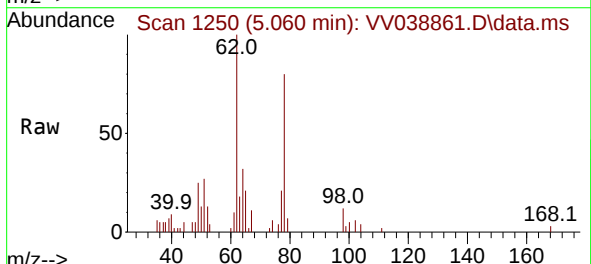
Instrument :
MSVOA_V
ClientSampleId :
MDL02

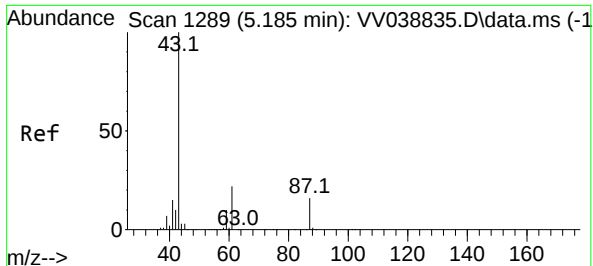
Tgt Ion:	41	Resp:	2470
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.8	65.8#
67	221.2	78.8	118.2#
52	5.7	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 3.037 ug/l
RT: 5.060 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:	62	Resp:	20307
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.0

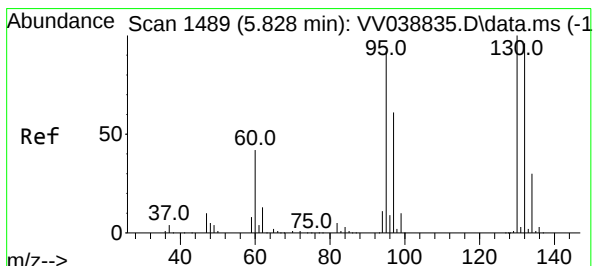
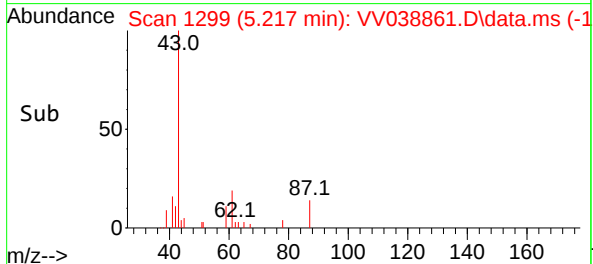
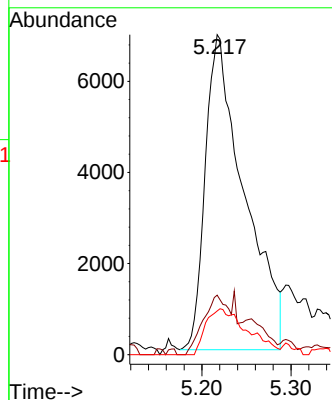
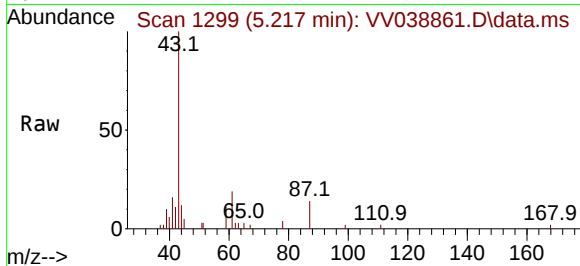




#43
Isopropyl Acetate
Concen: 2.250 ug/l
RT: 5.217 min Scan# 1495
Delta R.T. 0.032 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

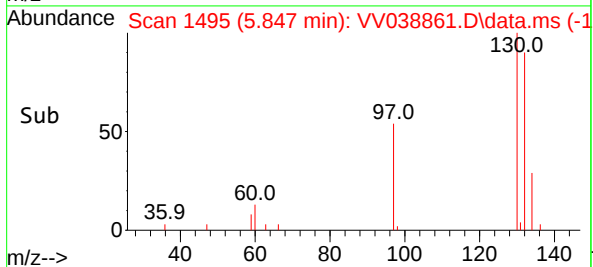
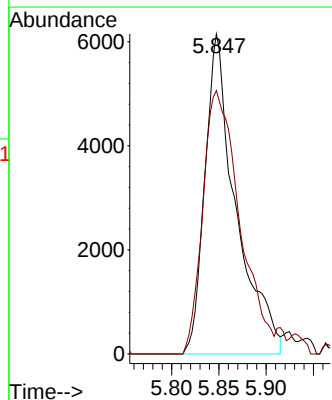
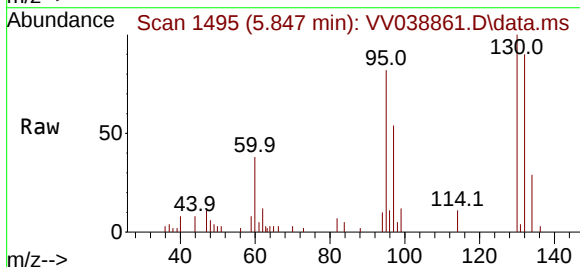
Instrument :
MSVOA_V
ClientSampleId :
MDL02

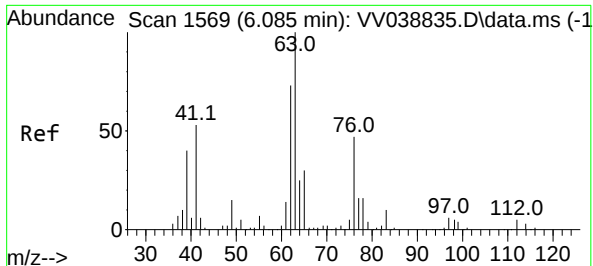
Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.2	17.0	25.6#
87	15.6	13.0	19.6



#44
Trichloroethene
Concen: 2.845 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.019 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.3	0.0	184.4





#45

1,2-Dichloropropane

Concen: 2.725 ug/l

RT: 6.098 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

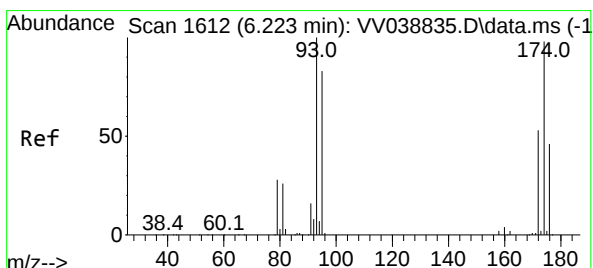
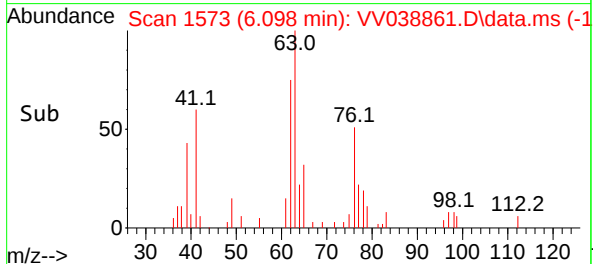
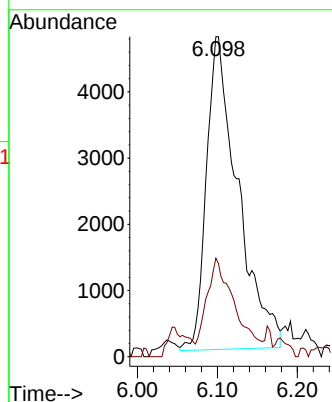
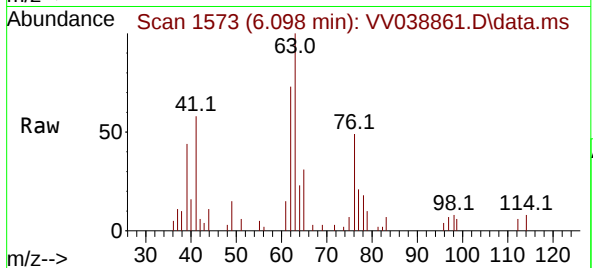
MDL02

Tgt Ion: 63 Resp: 12928

Ion Ratio Lower Upper

63 100

65 25.7 24.3 36.5



#46

Dibromomethane

Concen: 2.717 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

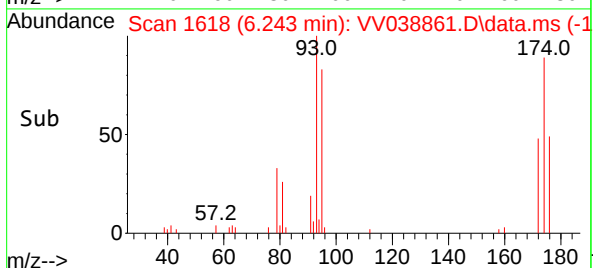
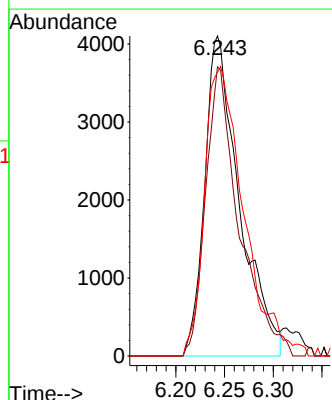
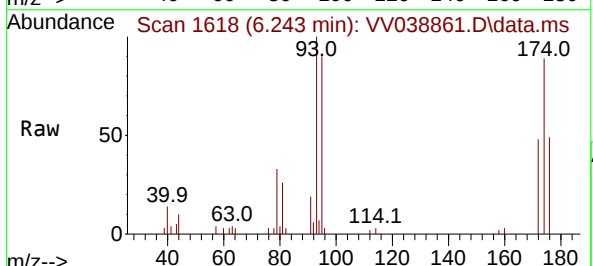
Tgt Ion: 93 Resp: 10164

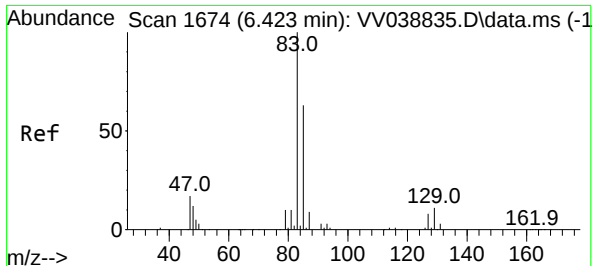
Ion Ratio Lower Upper

93 100

95 87.4 66.7 100.1

174 102.1 78.7 118.1





#47

Bromodichloromethane

Concen: 2.719 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

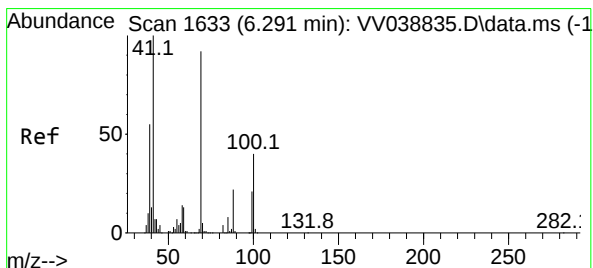
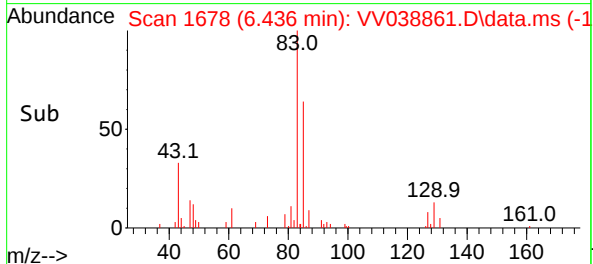
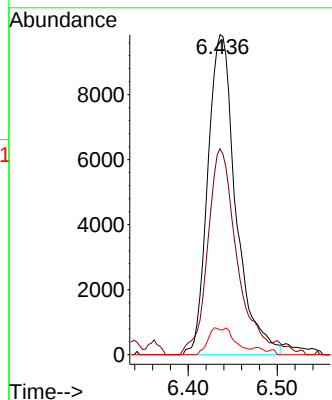
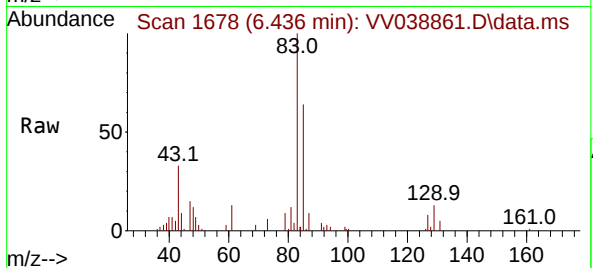
Tgt Ion: 83 Resp: 21537

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1

127 7.8 6.6 10.0



#48

Methyl methacrylate

Concen: 1.649 ug/l

RT: 6.339 min Scan# 1648

Delta R.T. 0.048 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

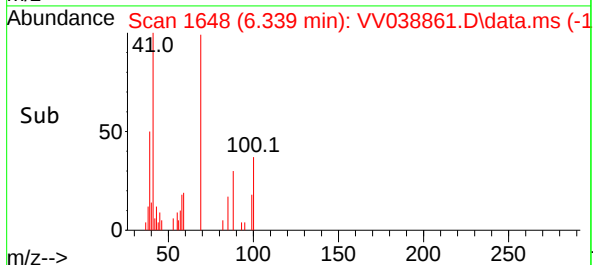
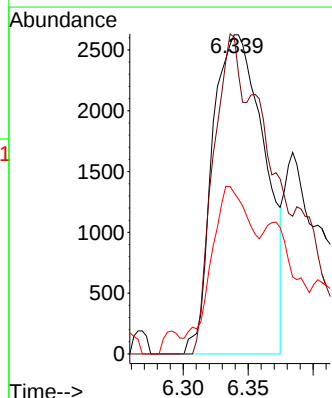
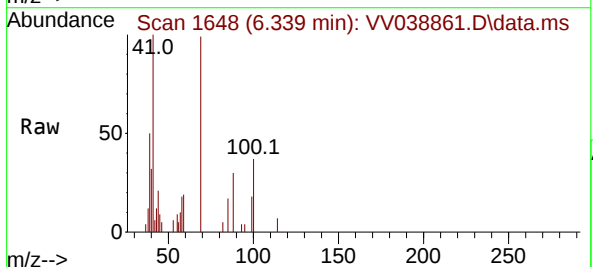
Tgt Ion: 41 Resp: 7303

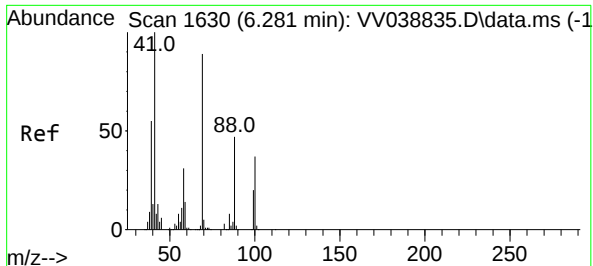
Ion Ratio Lower Upper

41 100

69 59.2 77.4 116.2#

39 35.8 44.2 66.4#





#49

1,4-Dioxane

Concen: 53.768 ug/l

RT: 6.320 min Scan# 1

Delta R.T. 0.039 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

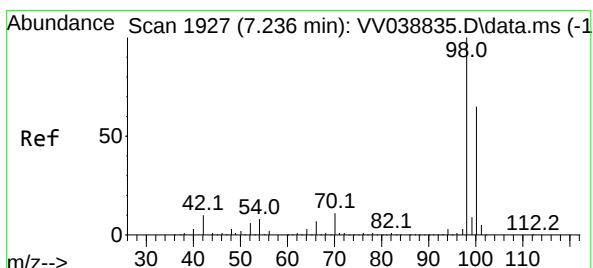
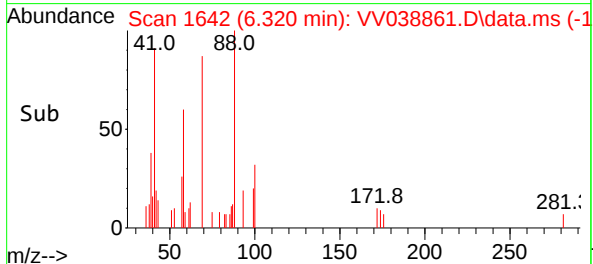
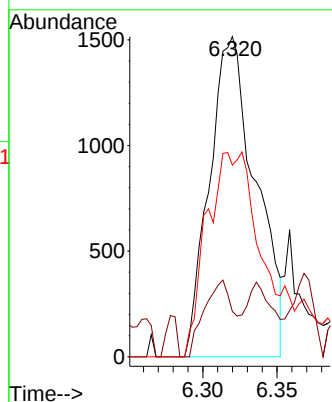
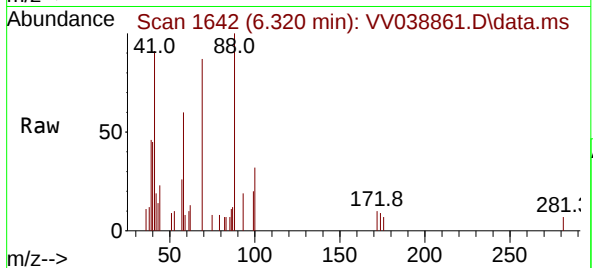
Tgt Ion: 88 Resp: 3300

Ion Ratio Lower Upper

88 100

43 14.5 25.2 37.8#

58 37.2 52.1 78.1#



#50

Toluene-d8

Concen: 47.729 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038861.D

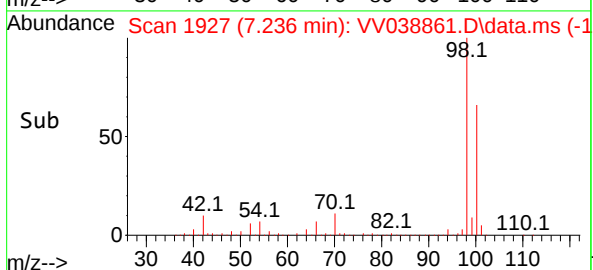
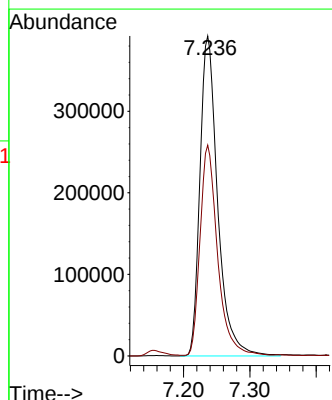
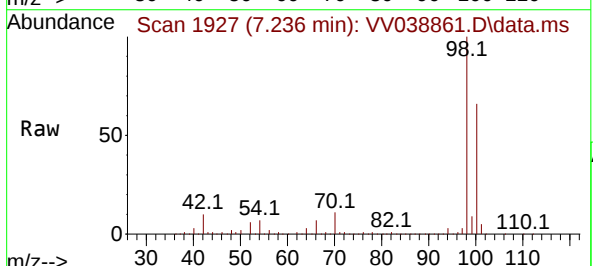
Acq: 03 Jul 2025 15:03

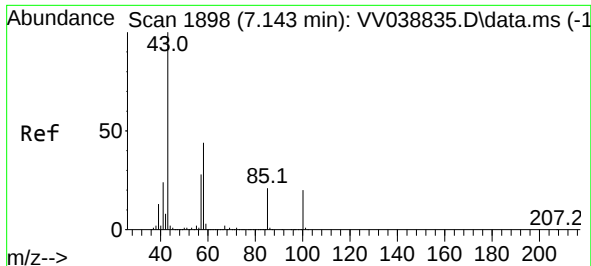
Tgt Ion: 98 Resp: 727961

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 12.298 ug/l

RT: 7.153 min Scan# 1901

Delta R.T. 0.010 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

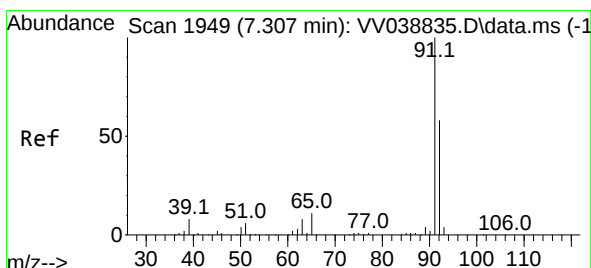
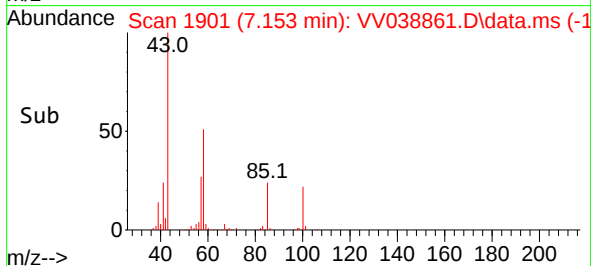
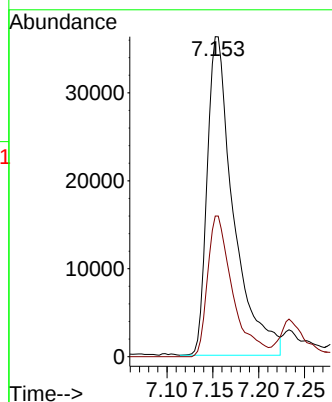
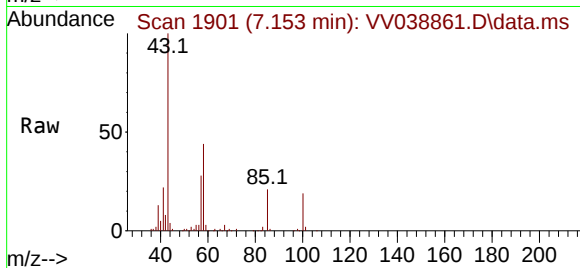
MDL02

Tgt Ion: 43 Resp: 72264

Ion Ratio Lower Upper

43 100

58 42.0 34.4 51.6



#52

Toluene

Concen: 2.885 ug/l

RT: 7.317 min Scan# 1952

Delta R.T. 0.010 min

Lab File: VV038861.D

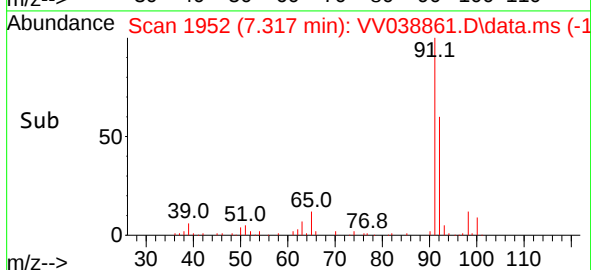
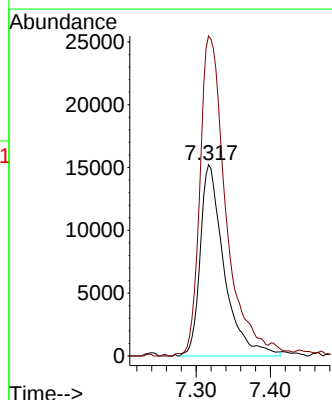
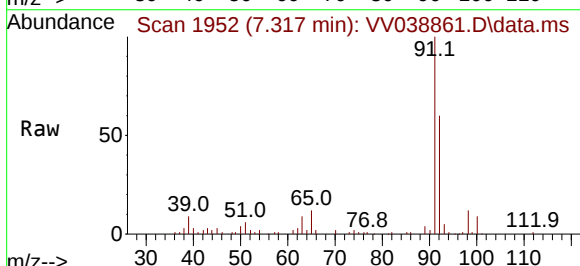
Acq: 03 Jul 2025 15:03

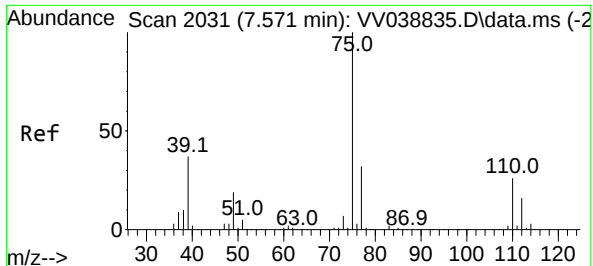
Tgt Ion: 92 Resp: 34044

Ion Ratio Lower Upper

92 100

91 180.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 2.576 ug/l

RT: 7.593 min Scan# 2031

Delta R.T. 0.023 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

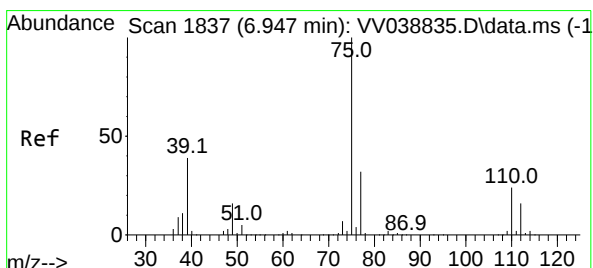
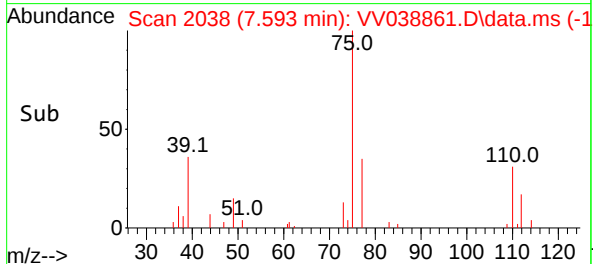
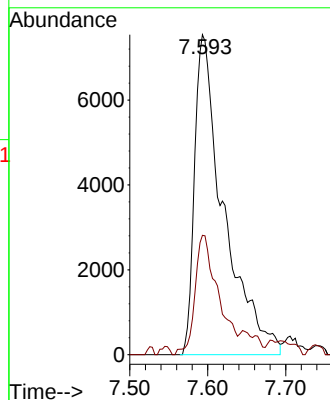
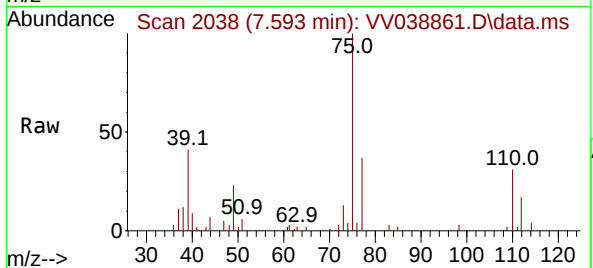
MDL02

Tgt Ion: 75 Resp: 19538

Ion Ratio Lower Upper

75 100

77 35.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 2.604 ug/l

RT: 6.966 min Scan# 1843

Delta R.T. 0.019 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

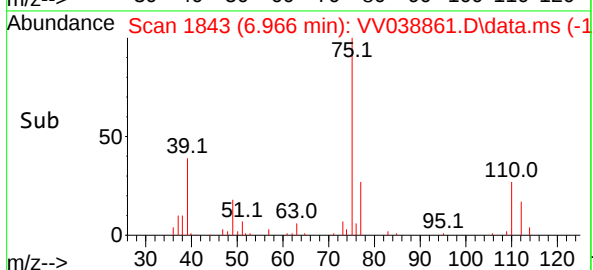
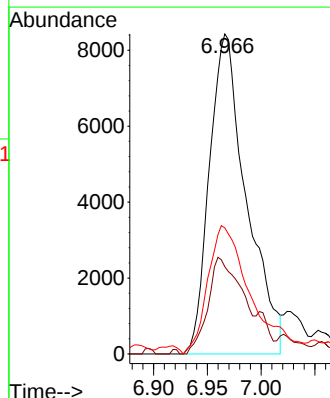
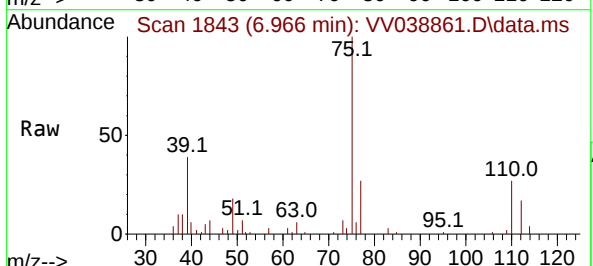
Tgt Ion: 75 Resp: 20188

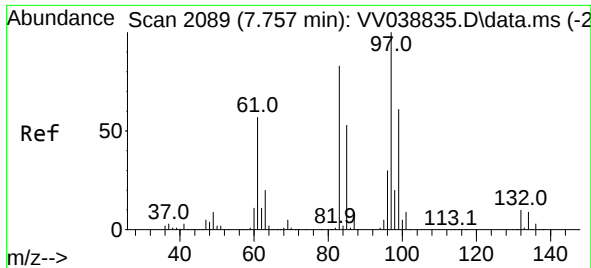
Ion Ratio Lower Upper

75 100

77 27.3 25.8 38.8

39 38.1 31.3 46.9

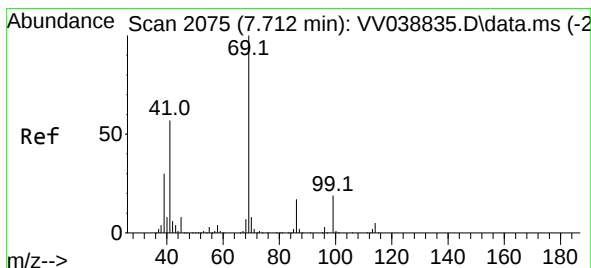
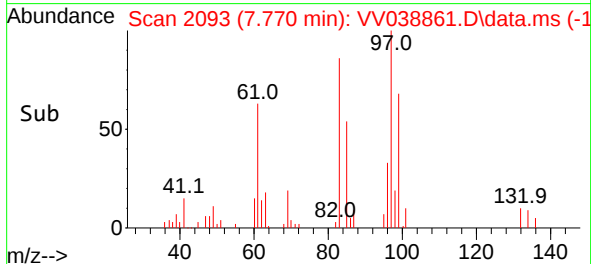
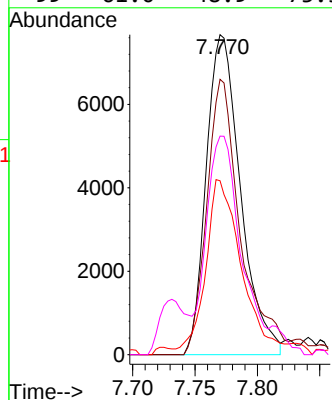
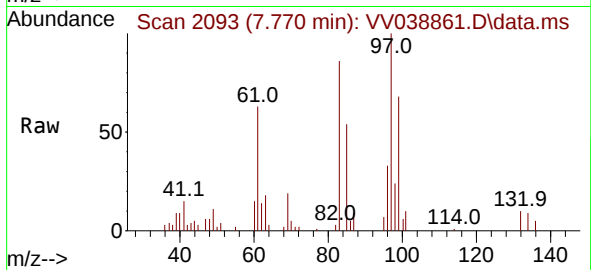




#55
 1,1,2-Trichloroethane
 Concen: 2.845 ug/l
 RT: 7.770 min Scan# 2089
 Delta R.T. 0.013 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

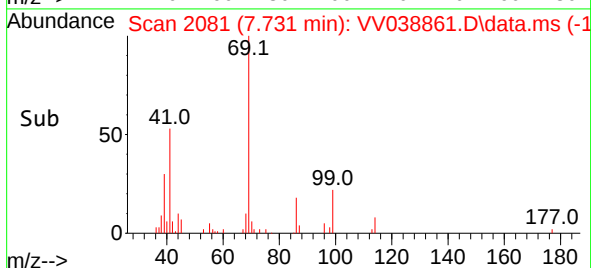
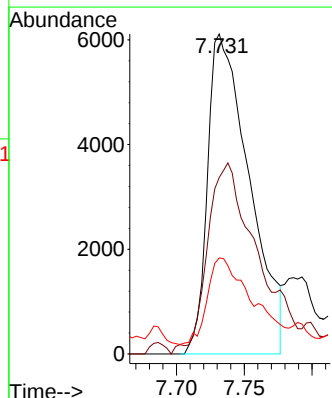
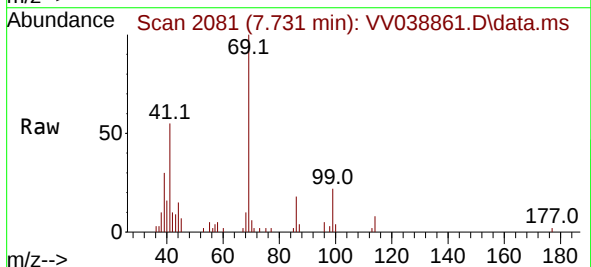
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

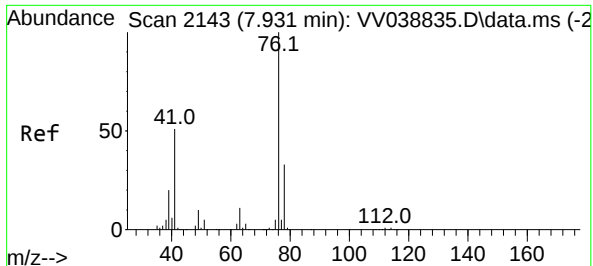
Tgt Ion: 97	Resp: 14682
Ion Ratio	Lower Upper
97 100	
83 86.1	66.2 99.4
85 52.1	42.2 63.4
99 61.0	48.9 73.3



#56
 Ethyl methacrylate
 Concen: 1.934 ug/l
 RT: 7.731 min Scan# 2081
 Delta R.T. 0.019 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

Tgt Ion: 69	Resp: 13131
Ion Ratio	Lower Upper
69 100	
41 72.0	46.1 69.1#
39 29.0	24.1 36.1





#57

1,3-Dichloropropane

Concen: 2.856 ug/l

RT: 7.944 min Scan# 2147

Delta R.T. 0.013 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

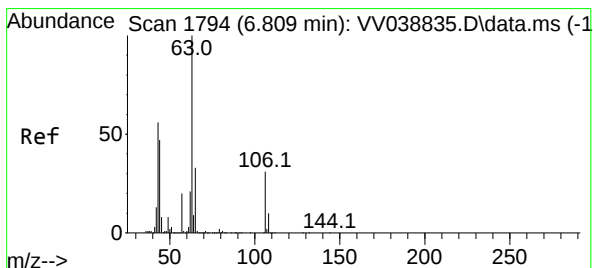
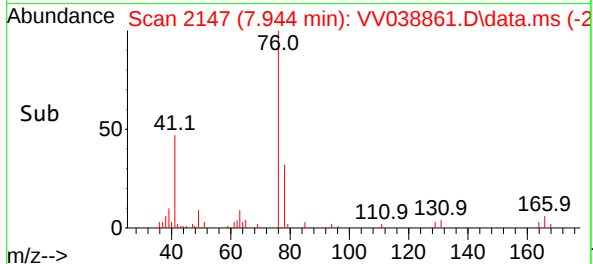
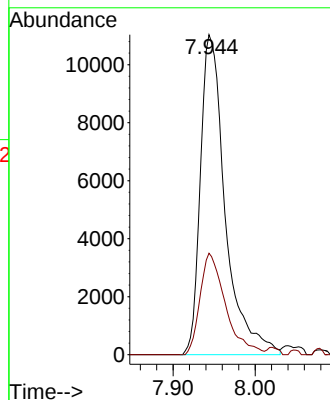
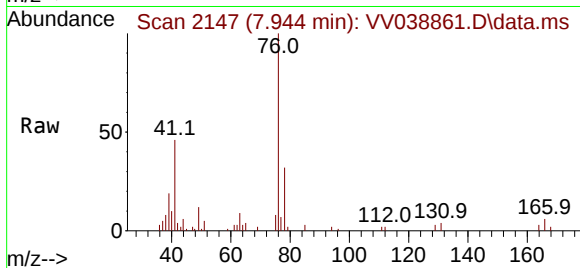
MDL02

Tgt Ion: 76 Resp: 23220

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 11.787 ug/l

RT: 6.825 min Scan# 1799

Delta R.T. 0.016 min

Lab File: VV038861.D

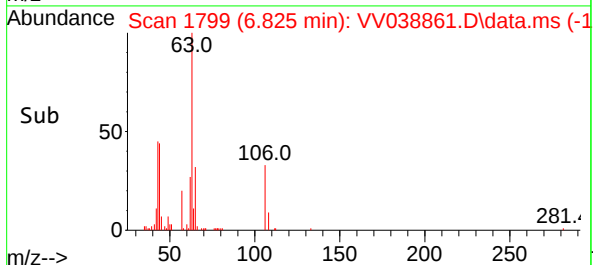
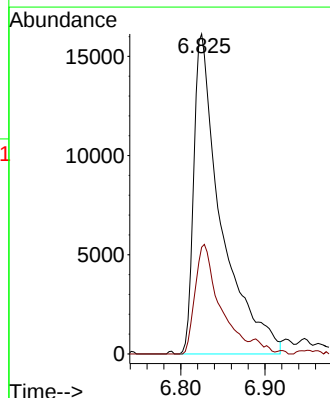
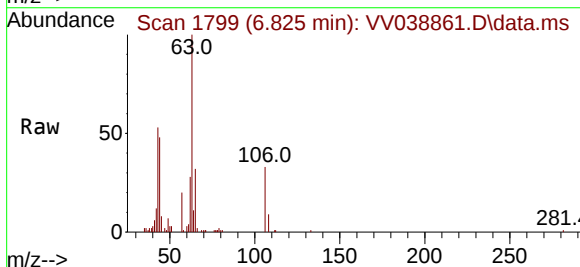
Acq: 03 Jul 2025 15:03

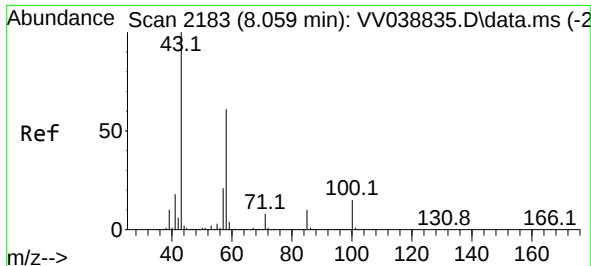
Tgt Ion: 63 Resp: 36336

Ion Ratio Lower Upper

63 100

106 30.6 24.6 37.0





#59

2-Hexanone

Concen: 11.359 ug/l

RT: 8.079 min Scan# 2183

Delta R.T. 0.019 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

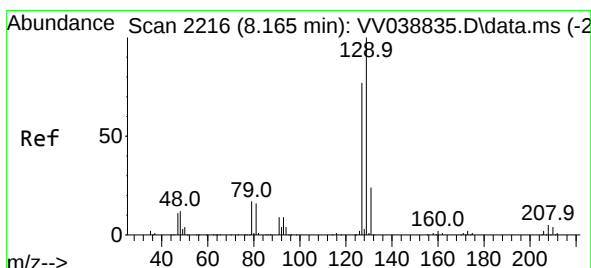
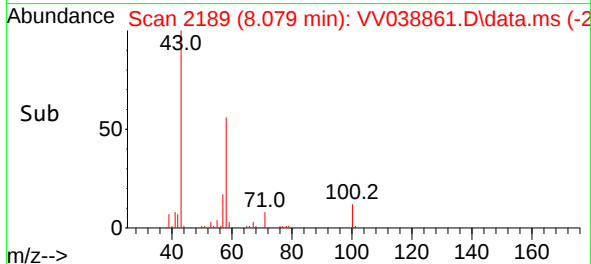
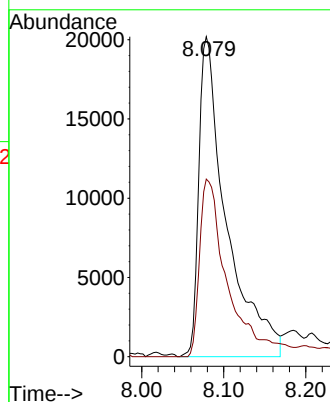
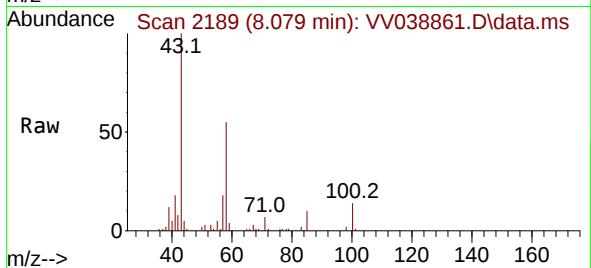
MDL02

Tgt Ion: 43 Resp: 47078

Ion Ratio Lower Upper

43 100

58 56.8 30.3 91.0



#60

Dibromochloromethane

Concen: 2.774 ug/l

RT: 8.175 min Scan# 2219

Delta R.T. 0.010 min

Lab File: VV038861.D

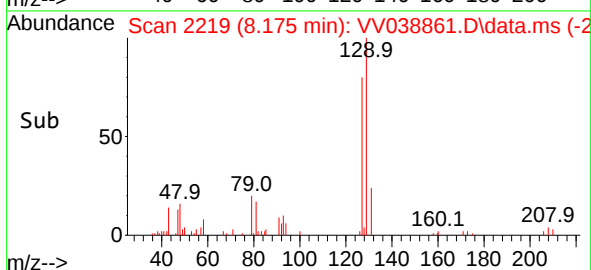
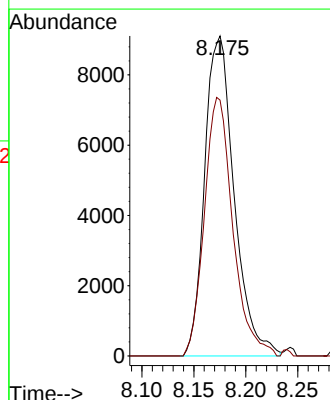
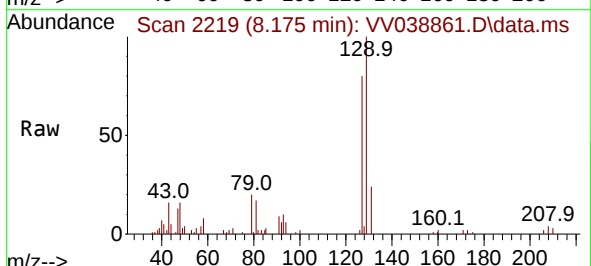
Acq: 03 Jul 2025 15:03

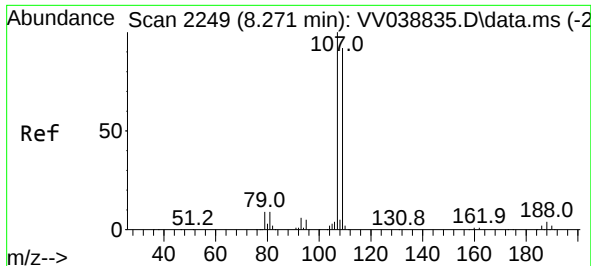
Tgt Ion: 129 Resp: 18027

Ion Ratio Lower Upper

129 100

127 77.7 38.2 114.6

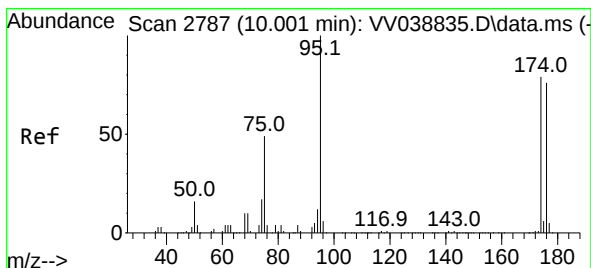
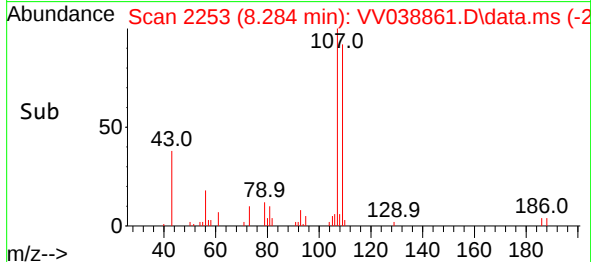
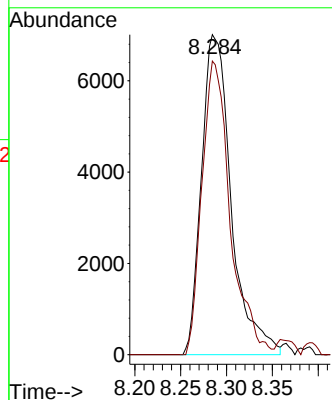
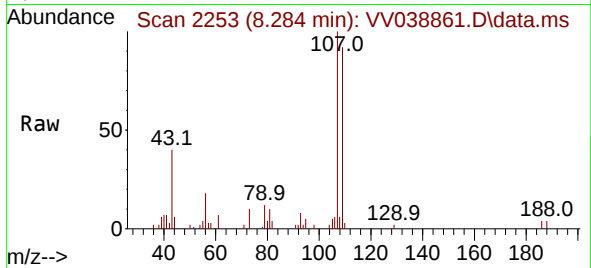




#61
1,2-Dibromoethane
Concen: 2.966 ug/l
RT: 8.284 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

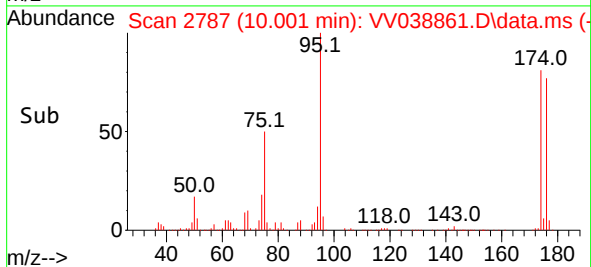
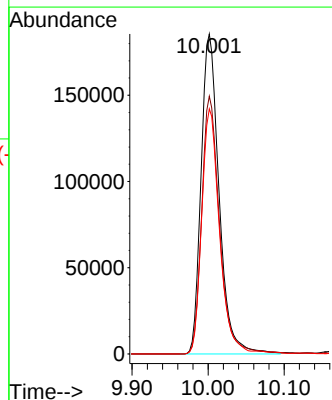
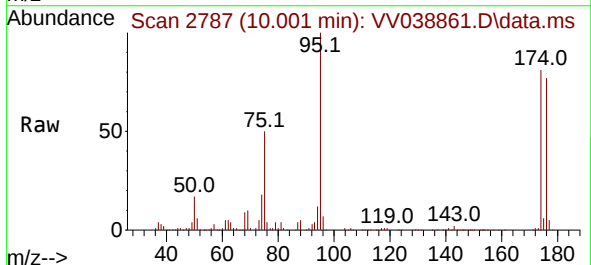
Instrument :
MSVOA_V
ClientSampleId :
MDL02

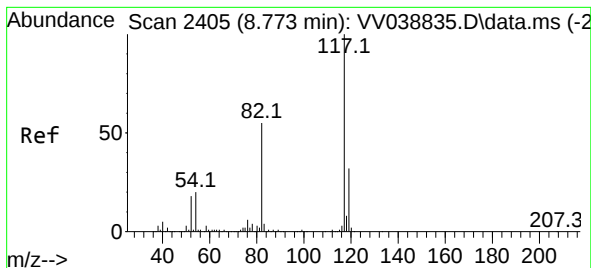
Tgt Ion:107 Resp: 15838
Ion Ratio Lower Upper
107 100
109 87.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 49.388 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 95 Resp: 304334
Ion Ratio Lower Upper
95 100
174 80.2 0.0 158.2
176 75.5 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: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

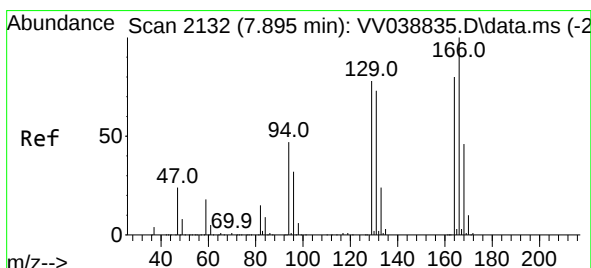
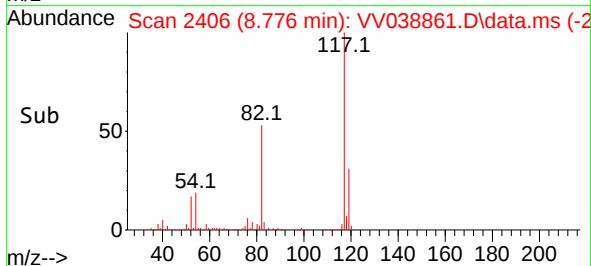
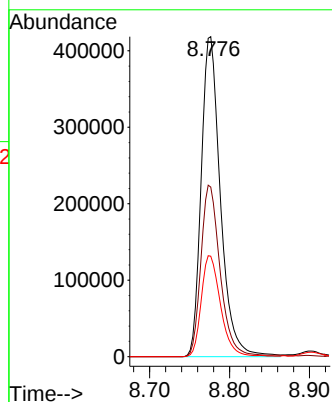
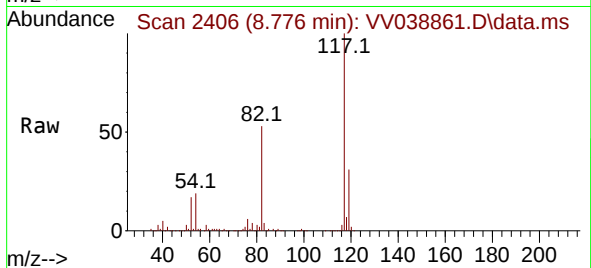
Tgt Ion:117 Resp: 701675

Ion Ratio Lower Upper

117 100

82 53.0 44.2 66.4

119 31.4 25.5 38.3



#64

Tetrachloroethene

Concen: 2.948 ug/l

RT: 7.902 min Scan# 2134

Delta R.T. 0.007 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Tgt Ion:164 Resp: 13303

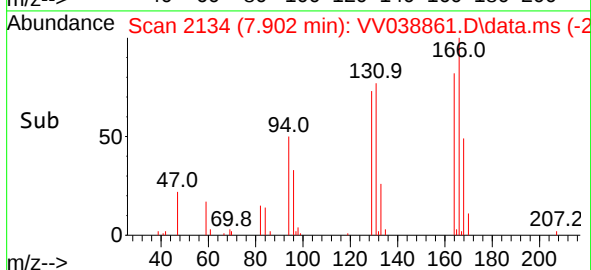
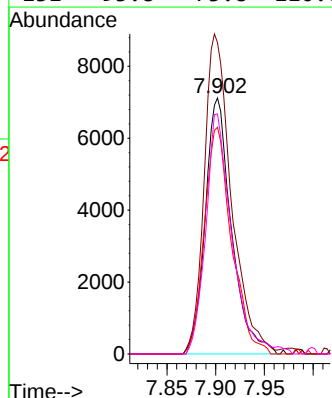
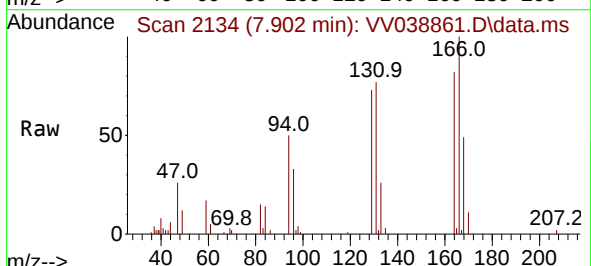
Ion Ratio Lower Upper

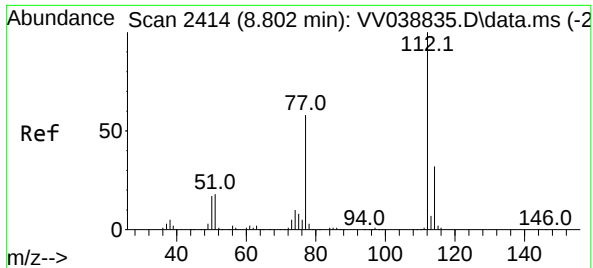
164 100

166 121.6 100.6 151.0

129 88.5 78.4 117.6

131 93.8 73.8 110.6

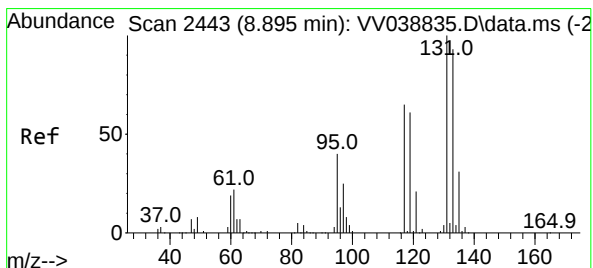
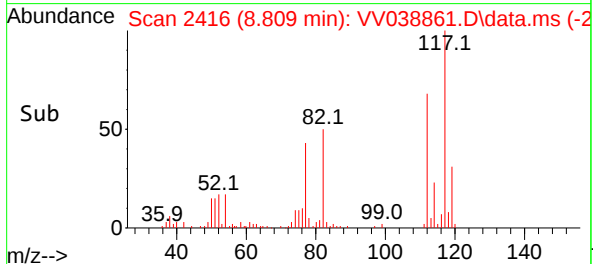
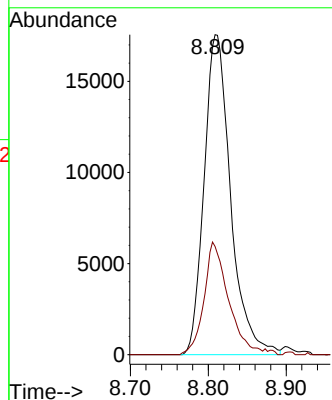
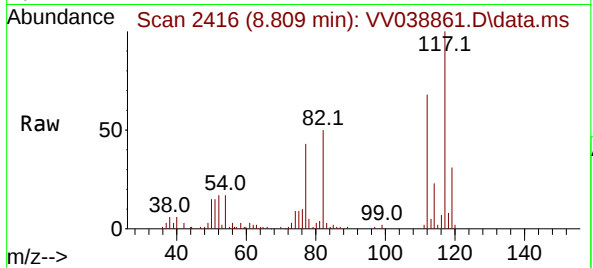




#65
Chlorobenzene
Concen: 2.809 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

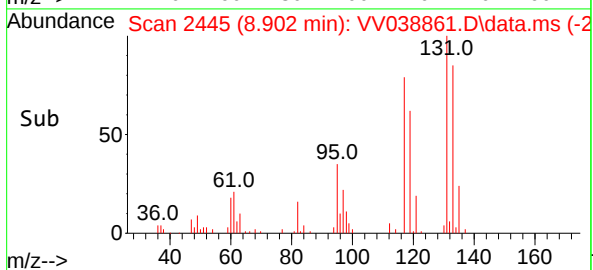
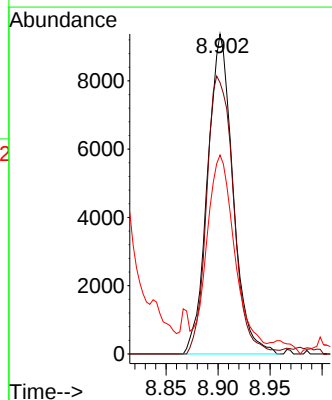
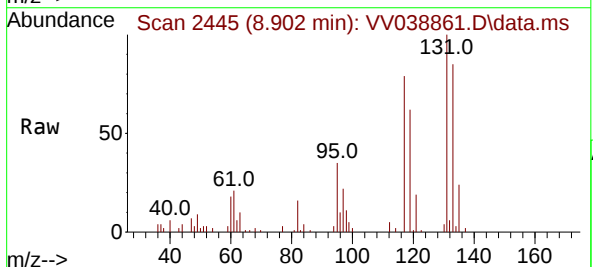
Instrument :
MSVOA_V
ClientSampleId :
MDL02

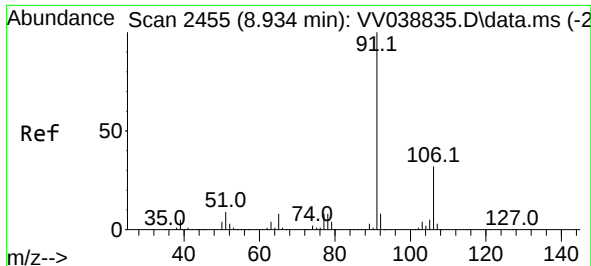
Tgt Ion:112 Resp: 41542
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.892 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:131 Resp: 15967
Ion Ratio Lower Upper
131 100
133 91.9 47.3 142.0
119 61.3 31.0 93.0





#67

Ethyl Benzene

Concen: 2.511 ug/l

RT: 8.944 min Scan# 2455

Delta R.T. 0.010 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

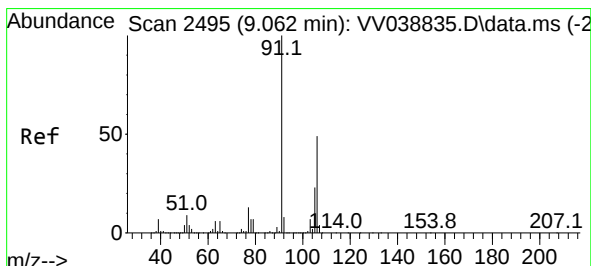
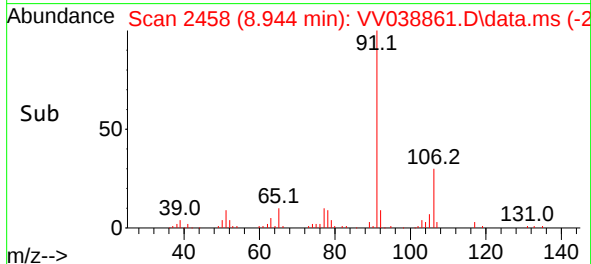
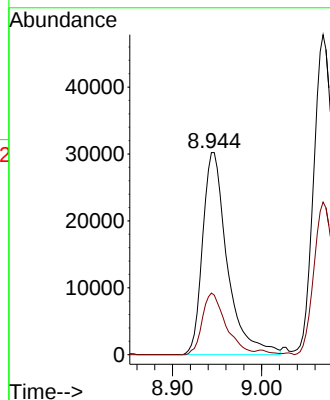
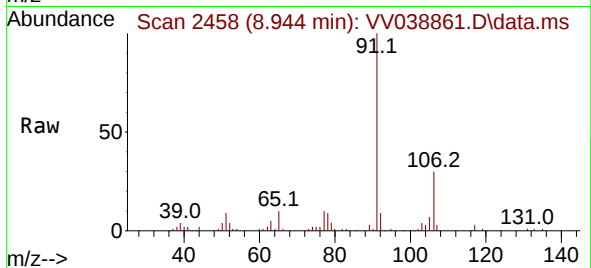
MDL02

Tgt Ion: 91 Resp: 58166

Ion Ratio Lower Upper

91 100

106 30.5 25.2 37.8



#68

m/p-Xylenes

Concen: 4.805 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.007 min

Lab File: VV038861.D

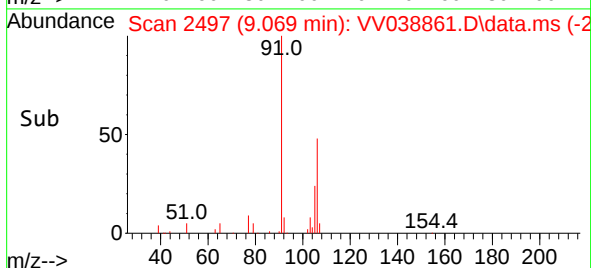
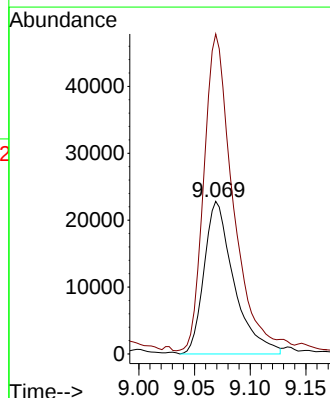
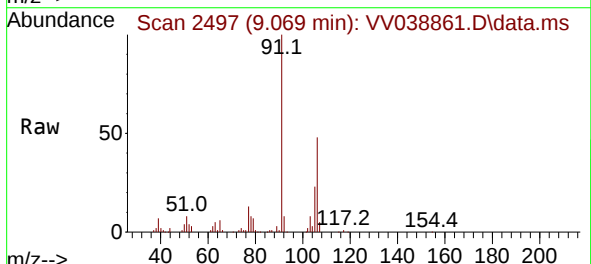
Acq: 03 Jul 2025 15:03

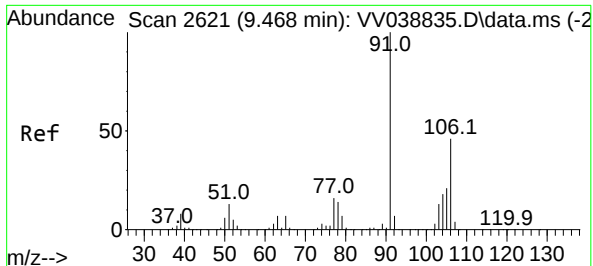
Tgt Ion: 106 Resp: 42636

Ion Ratio Lower Upper

106 100

91 202.3 162.9 244.3

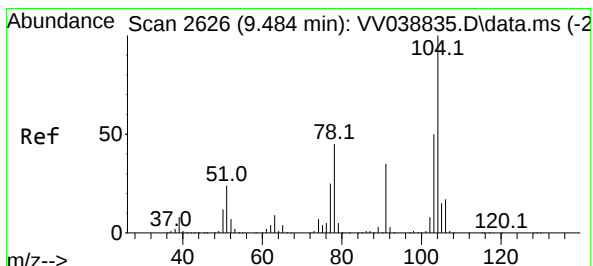
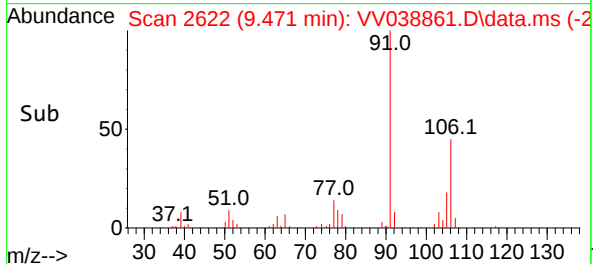
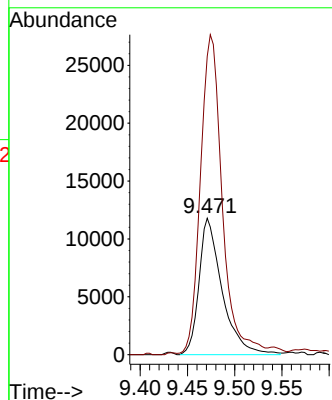
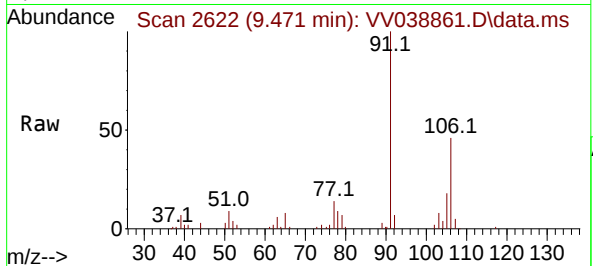




#69
o-Xylene
Concen: 2.367 ug/l
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

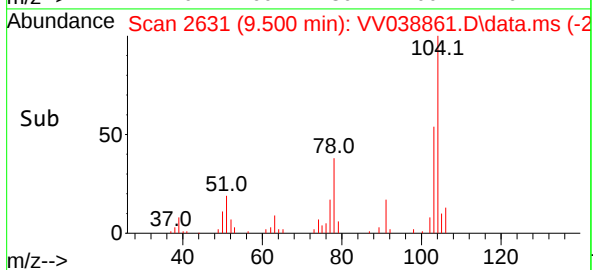
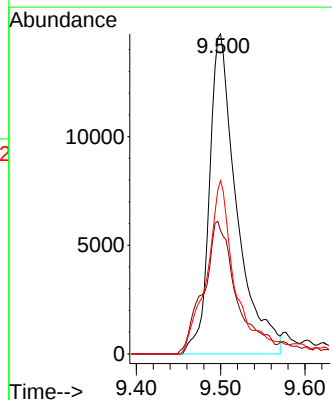
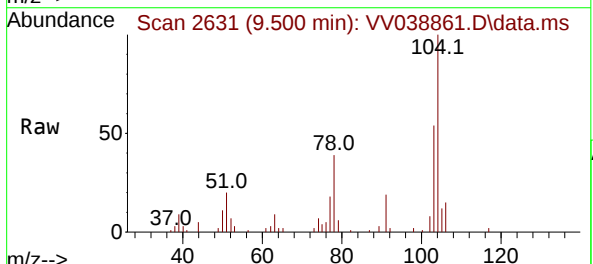
Instrument :
MSVOA_V
ClientSampleId :
MDL02

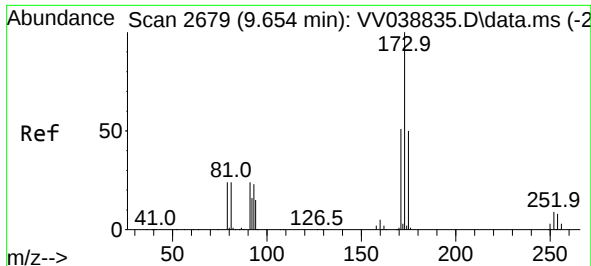
Tgt Ion:106 Resp: 20066
Ion Ratio Lower Upper
106 100
91 218.2 107.6 322.8



#70
Styrene
Concen: 2.242 ug/l
RT: 9.500 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:104 Resp: 33181
Ion Ratio Lower Upper
104 100
78 50.5 39.9 59.9
103 56.6 43.4 65.0

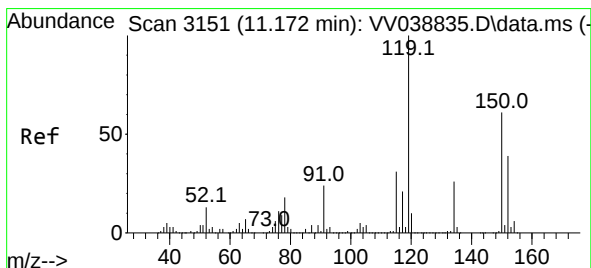
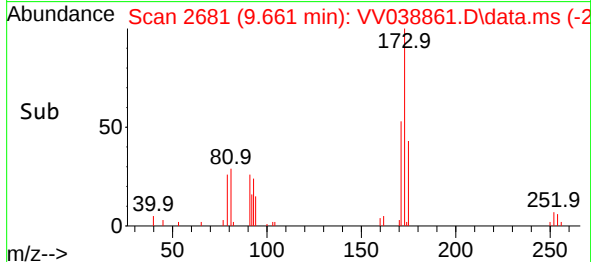
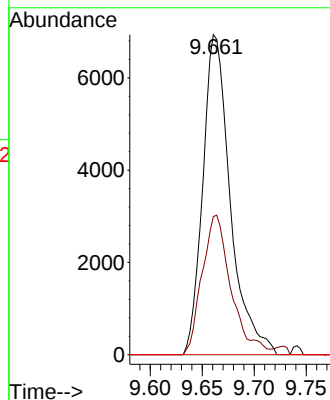
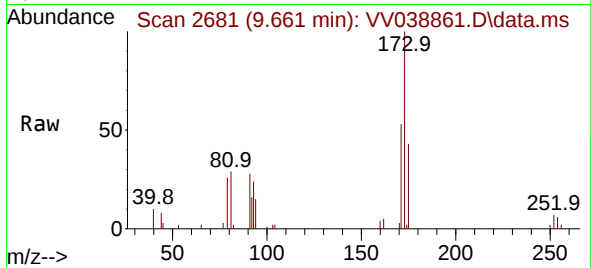




#71
Bromoform
Concen: 2.851 ug/l
RT: 9.661 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

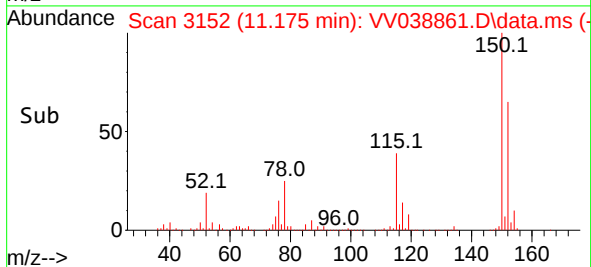
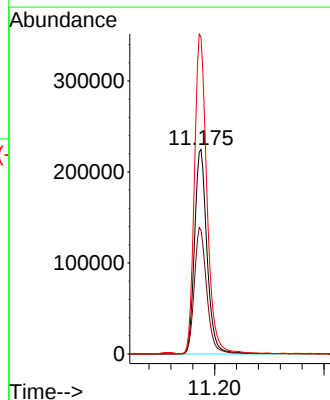
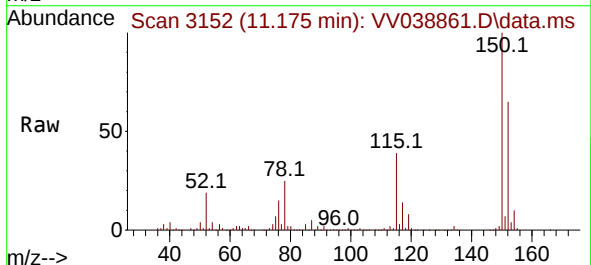
Instrument :
MSVOA_V
ClientSampleId :
MDL02

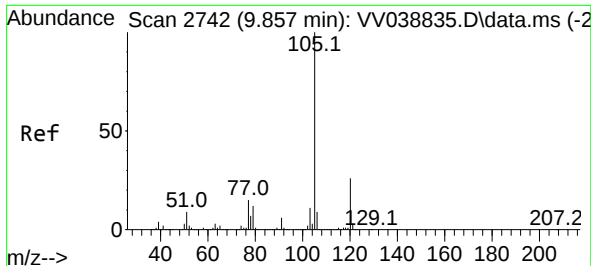
Tgt Ion:173 Resp: 12793
Ion Ratio Lower Upper
173 100
175 45.9 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:152 Resp: 355671
Ion Ratio Lower Upper
152 100
115 61.5 42.0 126.0
150 155.9 0.0 343.6

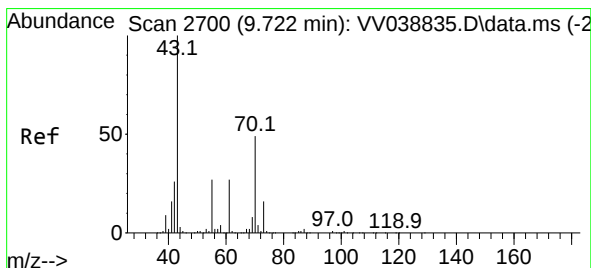
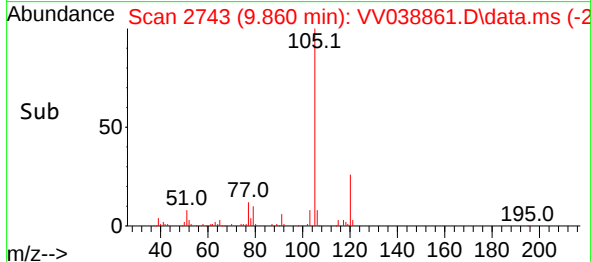
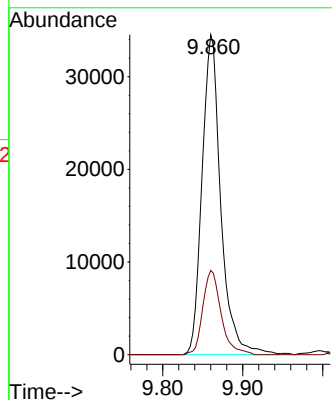
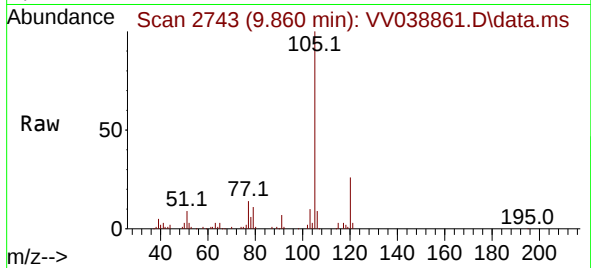




#73
Isopropylbenzene
Concen: 2.700 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

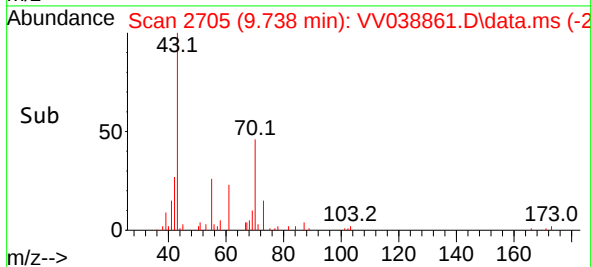
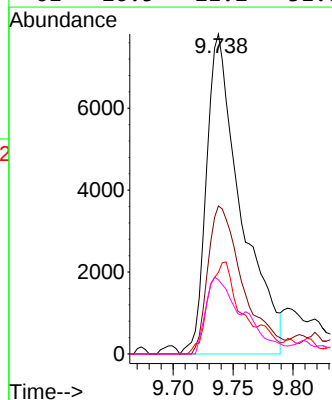
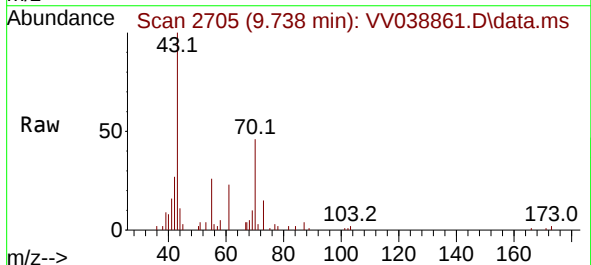
Instrument :
MSVOA_V
ClientSampleId :
MDL02

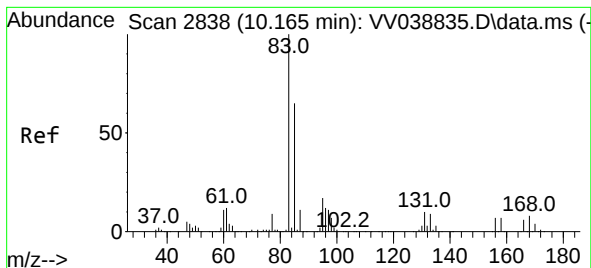
Tgt Ion:105 Resp: 56356
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3



#74
N-ethyl acetate
Concen: 2.138 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.016 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 43 Resp: 15620
Ion Ratio Lower Upper
43 100
70 47.2 39.7 59.5
55 25.9 22.1 33.1
61 26.5 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 3.117 ug/l

RT: 10.172 min Scan# 2838

Delta R.T. 0.007 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

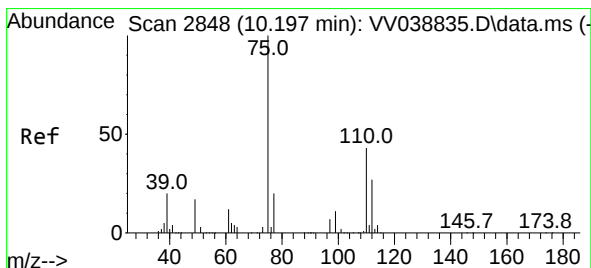
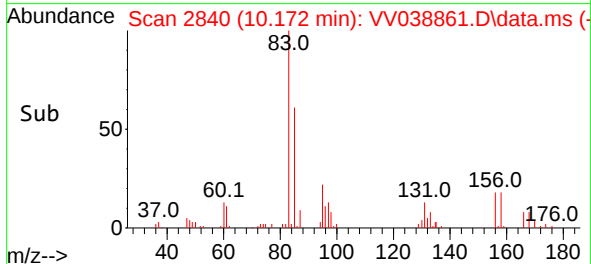
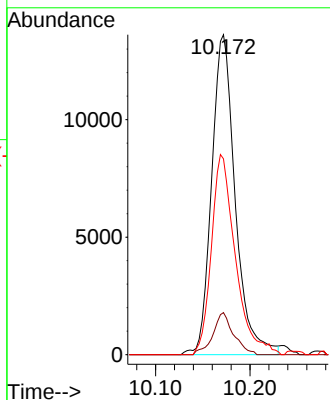
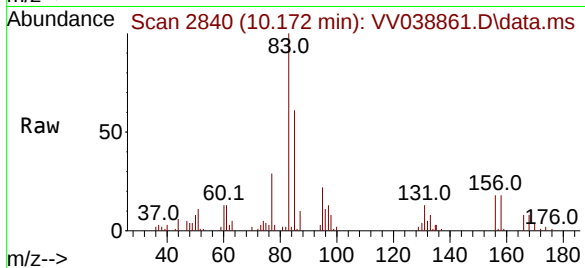
Tgt Ion: 83 Resp: 23585

Ion Ratio Lower Upper

83 100

131 11.6 5.1 15.3

85 63.5 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 3.119 ug/l

RT: 10.204 min Scan# 2850

Delta R.T. 0.007 min

Lab File: VV038861.D

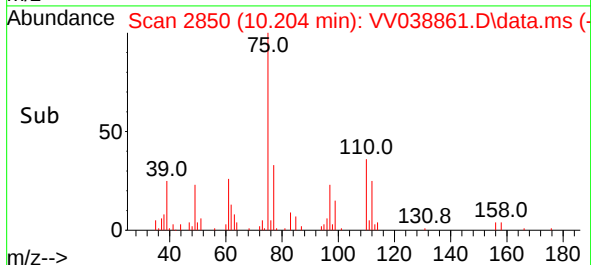
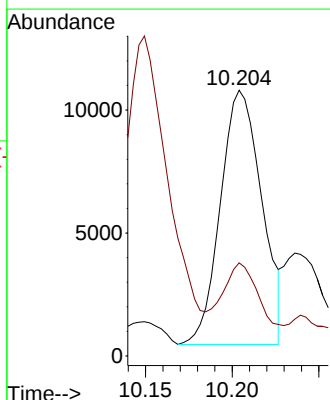
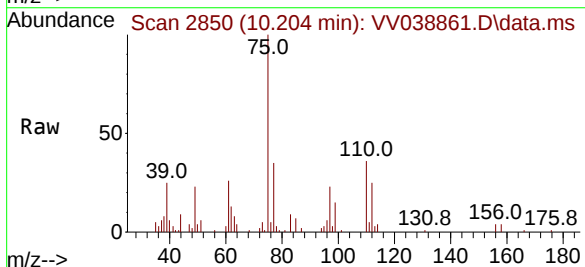
Acq: 03 Jul 2025 15:03

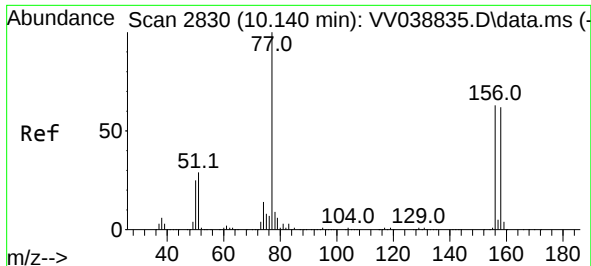
Tgt Ion: 75 Resp: 17163

Ion Ratio Lower Upper

75 100

77 22.1 11.7 35.1

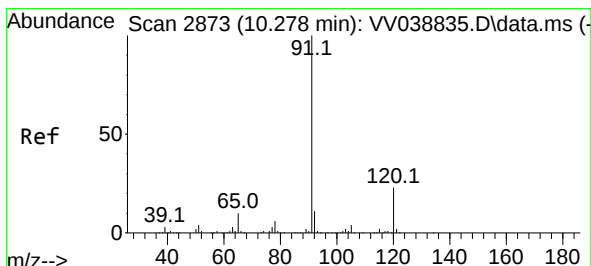
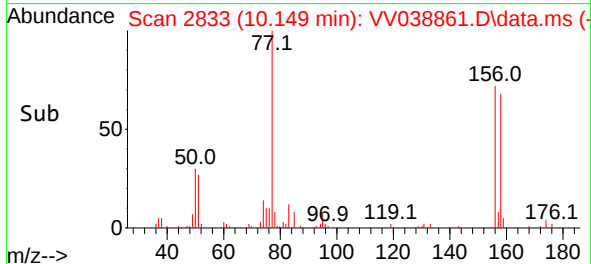
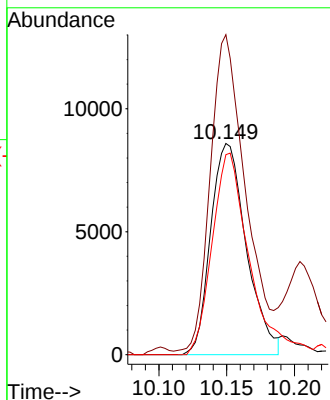
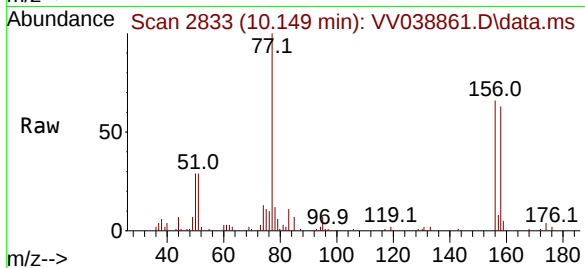




#77
Bromobenzene
Concen: 2.916 ug/l
RT: 10.149 min Scan# 2833
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

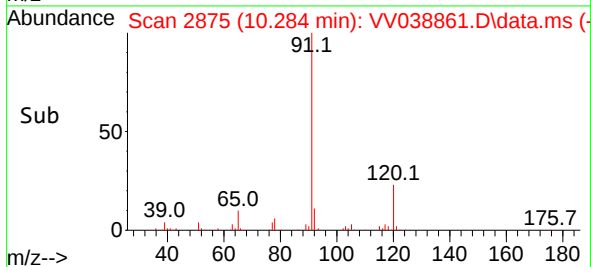
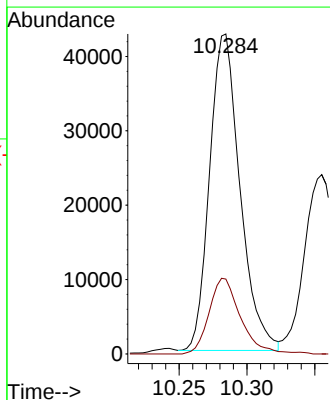
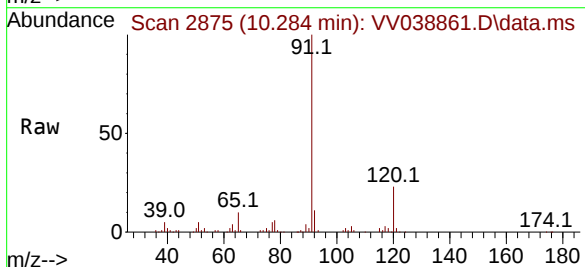
Instrument :
MSVOA_V
ClientSampleId :
MDL02

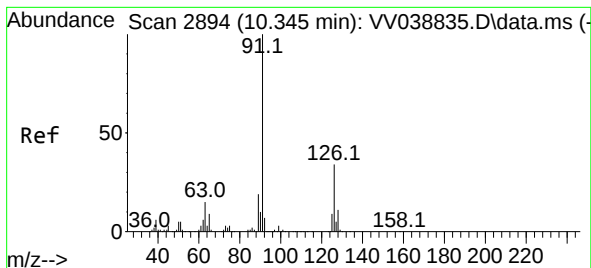
Tgt Ion:156 Resp: 15703
Ion Ratio Lower Upper
156 100
77 146.9 77.0 230.8
158 99.5 48.8 146.3



#78
n-propylbenzene
Concen: 2.673 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 91 Resp: 66397
Ion Ratio Lower Upper
91 100
120 24.8 11.7 35.0





#79

2-Chlorotoluene

Concen: 2.818 ug/l

RT: 10.355 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

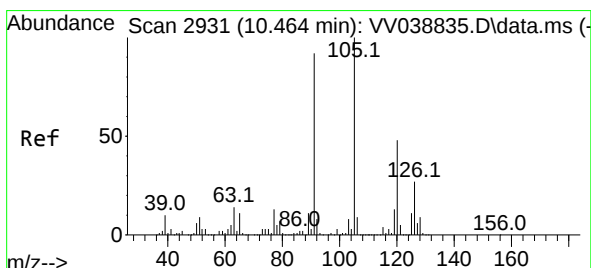
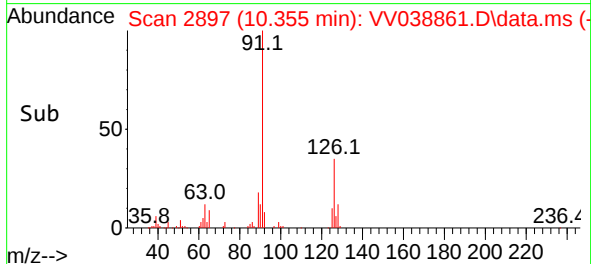
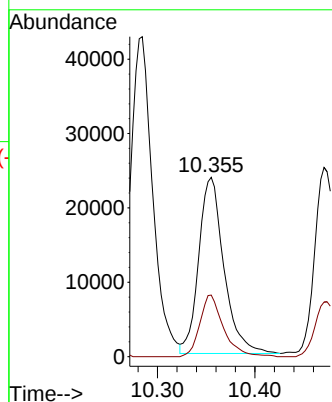
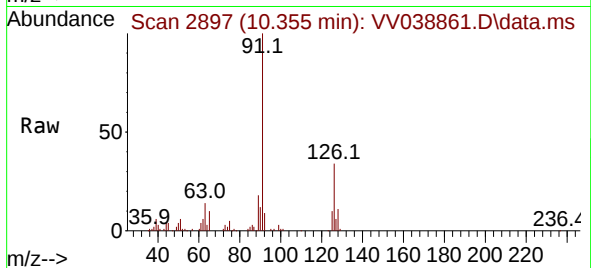
MDL02

Tgt Ion: 91 Resp: 42517

Ion Ratio Lower Upper

91 100

126 32.9 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 2.575 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038861.D

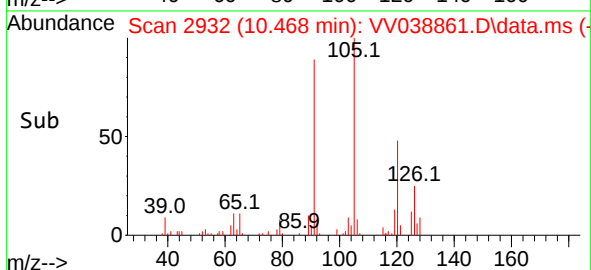
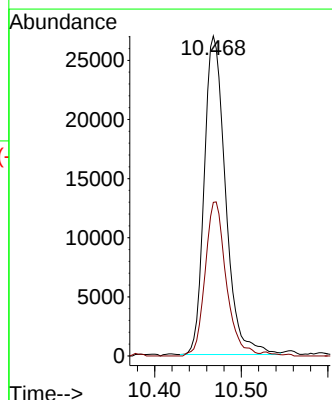
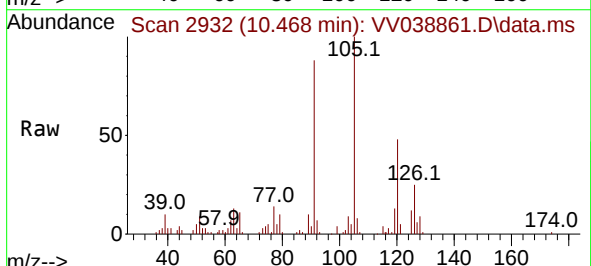
Acq: 03 Jul 2025 15:03

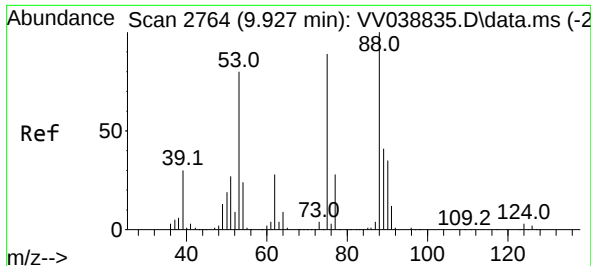
Tgt Ion: 105 Resp: 45955

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7

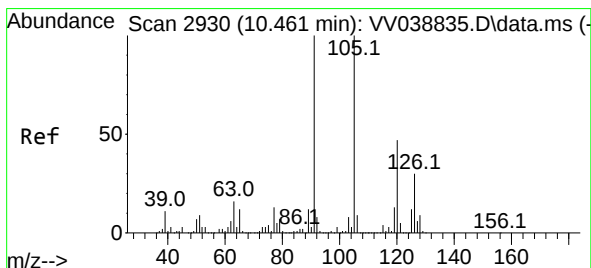
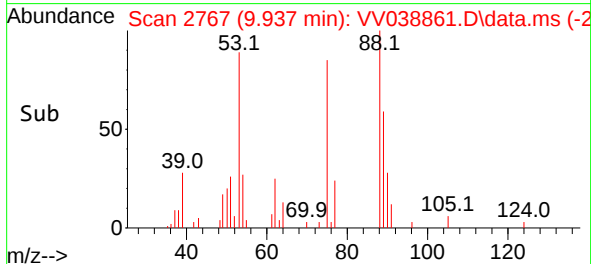
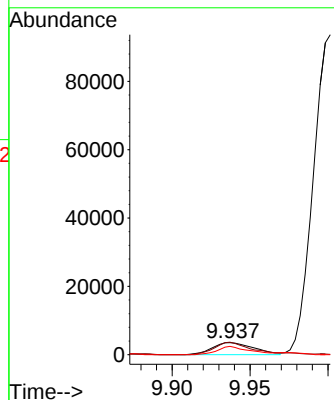
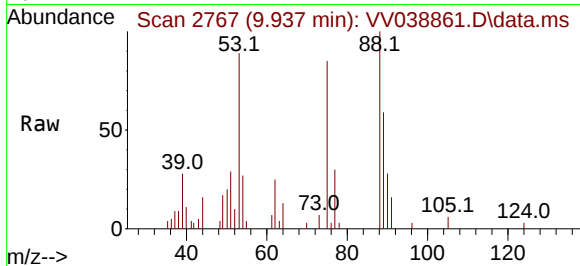




#81
trans-1,4-Dichloro-2-butene
Concen: 2.525 ug/l
RT: 9.937 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

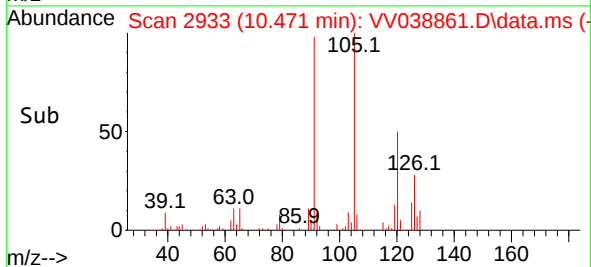
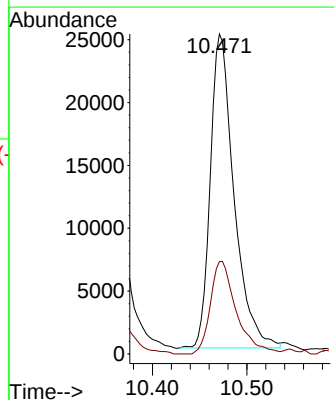
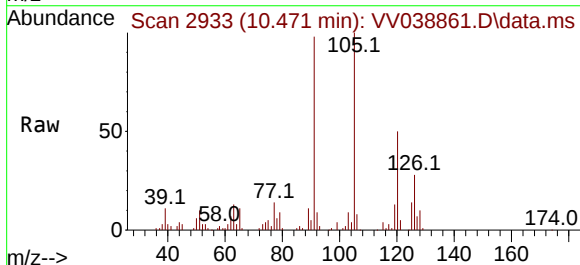
Instrument :
MSVOA_V
ClientSampleId :
MDL02

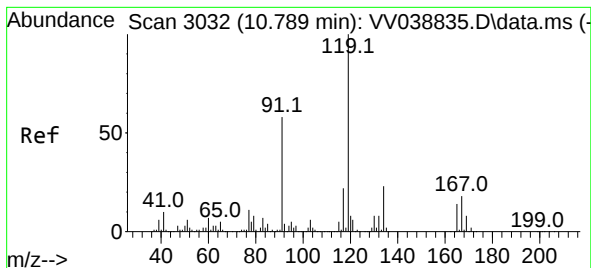
Tgt Ion: 75 Resp: 6529
Ion Ratio Lower Upper
75 100
53 96.7 71.2 106.8
89 52.1 44.6 66.8



#82
4-Chlorotoluene
Concen: 2.503 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 91 Resp: 43539
Ion Ratio Lower Upper
91 100
126 32.2 14.8 44.3





#83

tert-Butylbenzene

Concen: 2.647 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

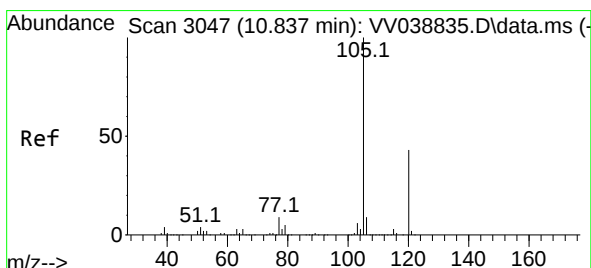
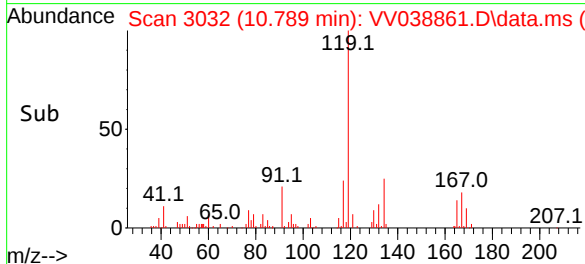
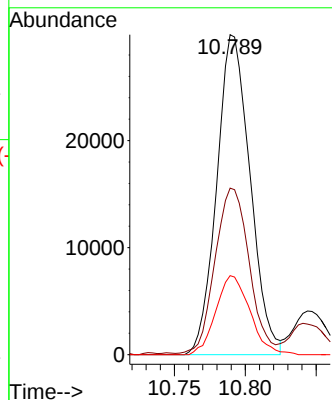
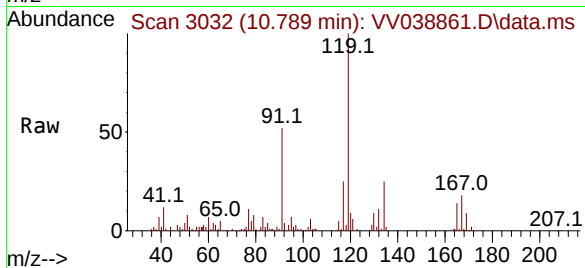
Tgt Ion:119 Resp: 49004

Ion Ratio Lower Upper

119 100

91 52.3 28.5 85.5

134 25.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 2.373 ug/l

RT: 10.844 min Scan# 3049

Delta R.T. 0.007 min

Lab File: VV038861.D

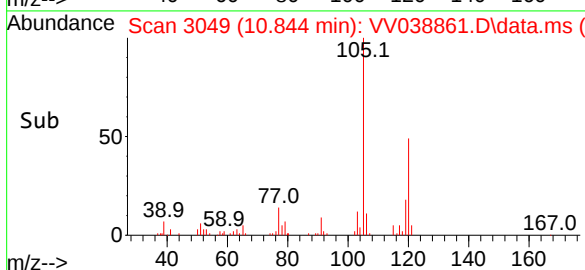
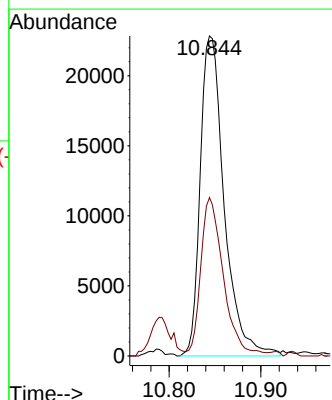
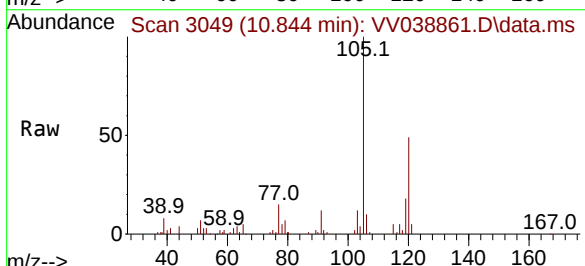
Acq: 03 Jul 2025 15:03

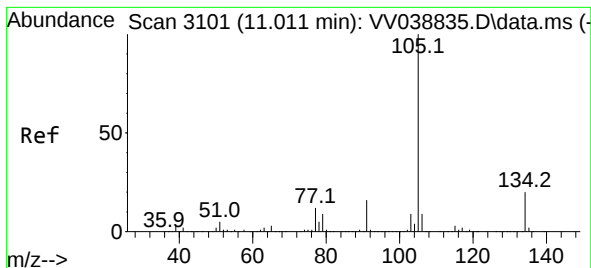
Tgt Ion:105 Resp: 41502

Ion Ratio Lower Upper

105 100

120 44.5 22.7 68.0





#85

sec-Butylbenzene

Concen: 2.574 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

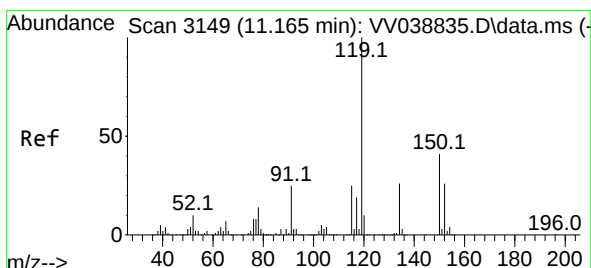
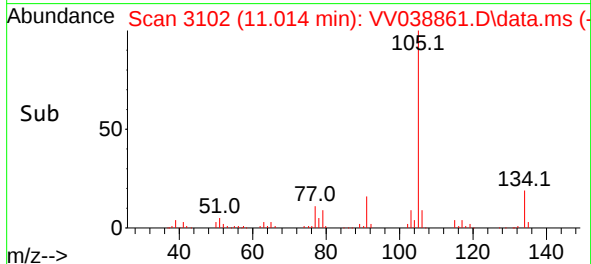
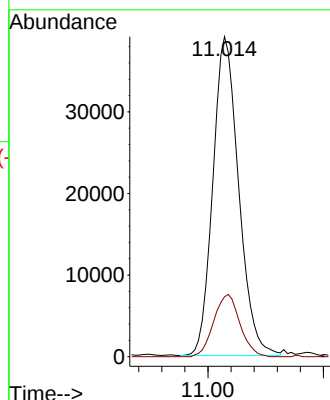
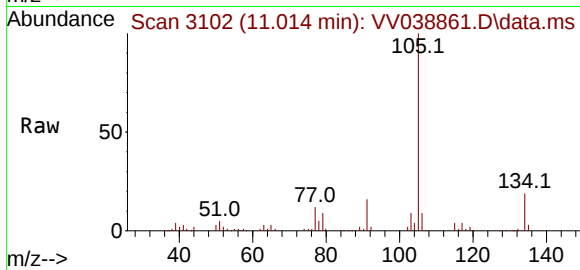
MDL02

Tgt Ion:105 Resp: 60656

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 2.545 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

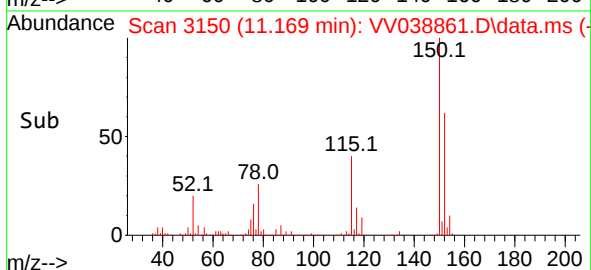
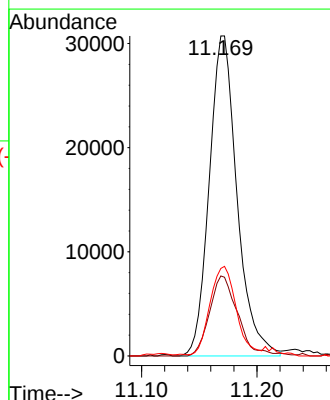
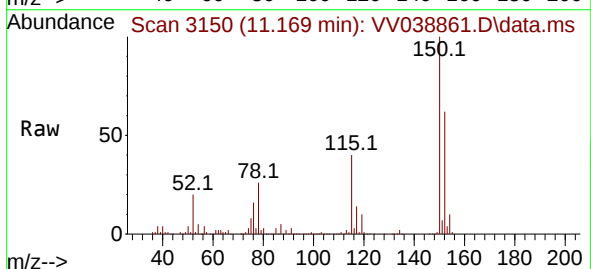
Tgt Ion:119 Resp: 51427

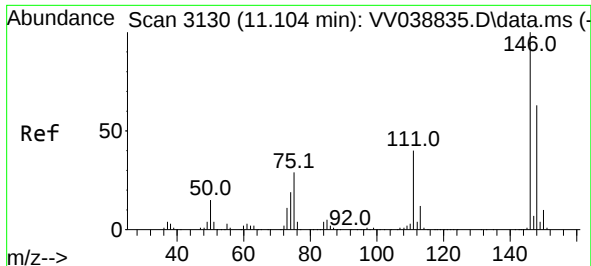
Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 26.5 12.4 37.0

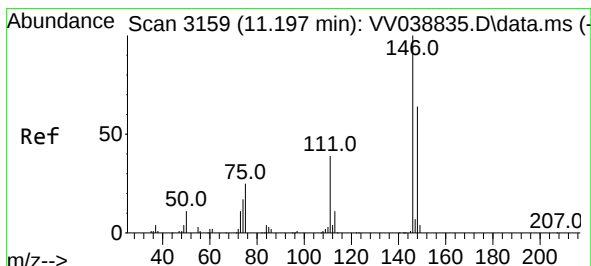
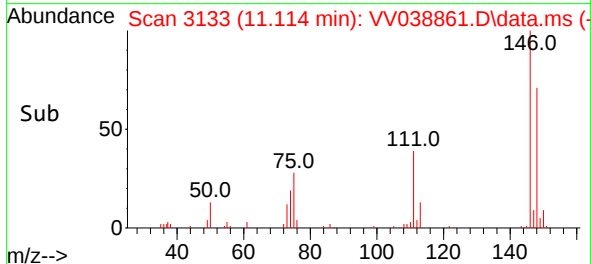
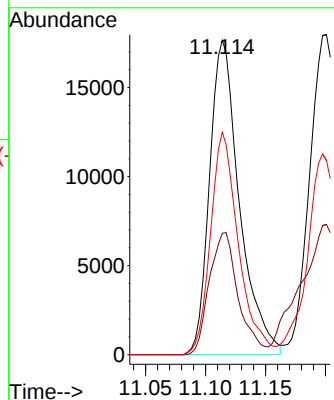
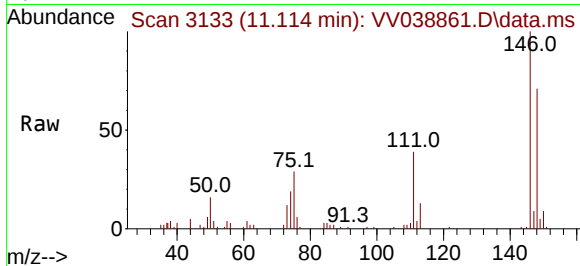




#87
 1,3-Dichlorobenzene
 Concen: 2.794 ug/l
 RT: 11.114 min Scan# 3110
 Delta R.T. 0.010 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

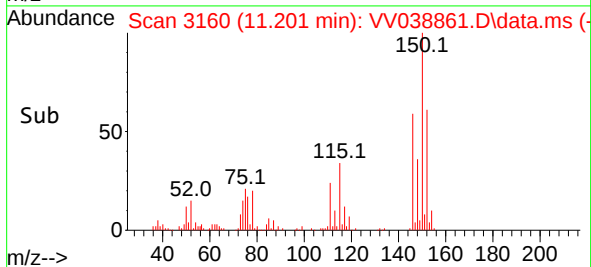
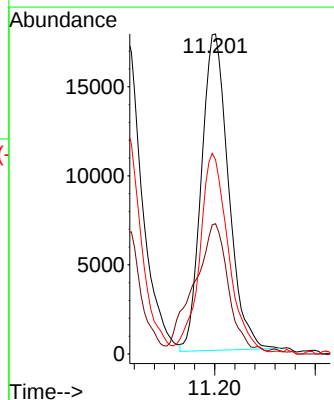
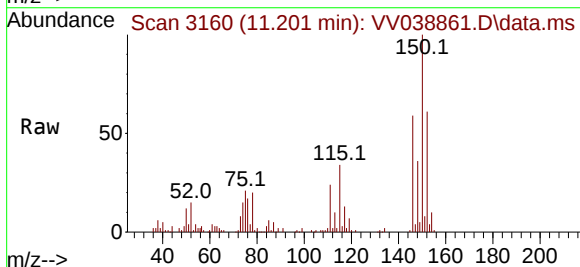
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

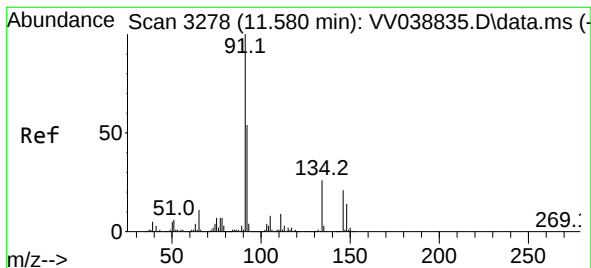
Tgt Ion:146 Resp: 30590
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.2 60.6
 148 66.1 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 2.878 ug/l
 RT: 11.201 min Scan# 3160
 Delta R.T. 0.003 min
 Lab File: VV038861.D
 Acq: 03 Jul 2025 15:03

Tgt Ion:146 Resp: 33196
 Ion Ratio Lower Upper
 146 100
 111 53.4 19.8 59.3
 148 66.4 32.0 96.2





#89

n-Butylbenzene

Concen: 2.549 ug/l

RT: 11.587 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

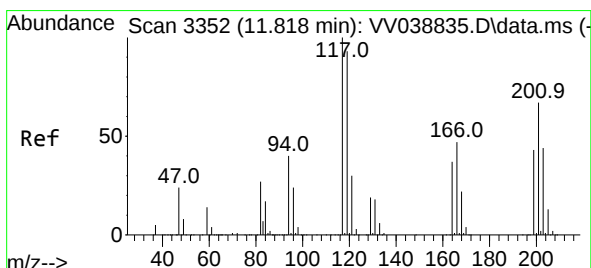
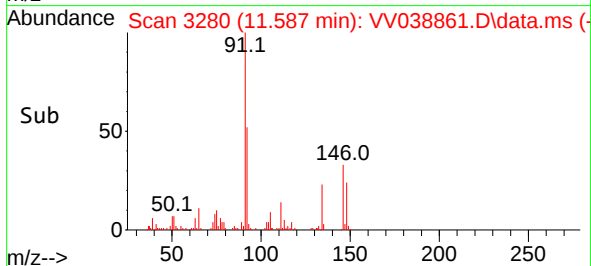
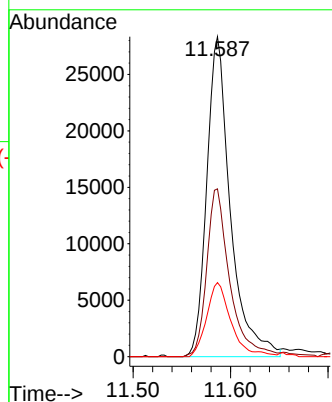
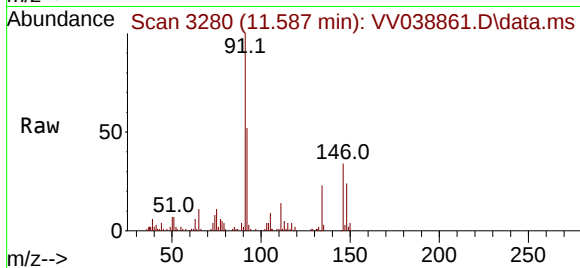
Tgt Ion: 91 Resp: 47728

Ion Ratio Lower Upper

91 100

92 50.9 26.7 80.0

134 24.0 12.9 38.7



#90

Hexachloroethane

Concen: 2.778 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038861.D

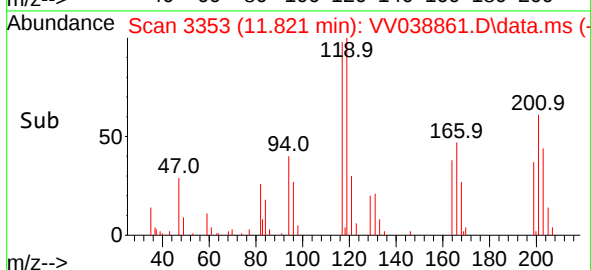
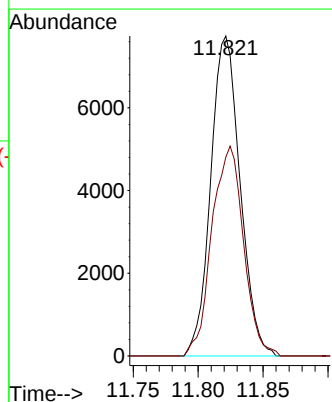
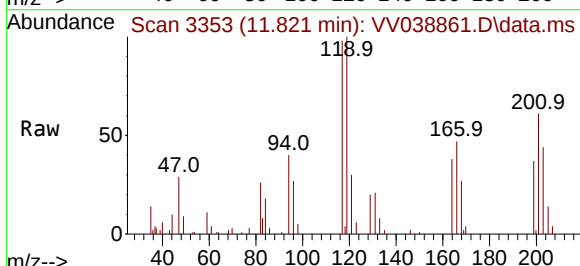
Acq: 03 Jul 2025 15:03

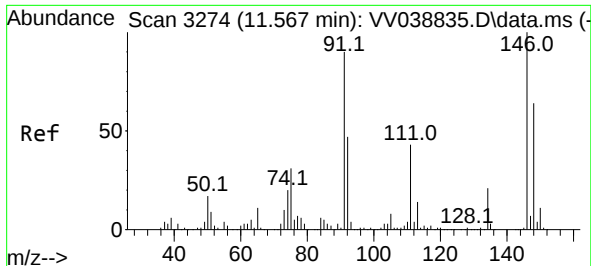
Tgt Ion: 117 Resp: 12182

Ion Ratio Lower Upper

117 100

201 70.5 34.4 103.1

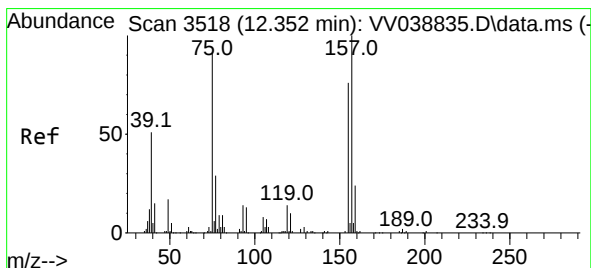
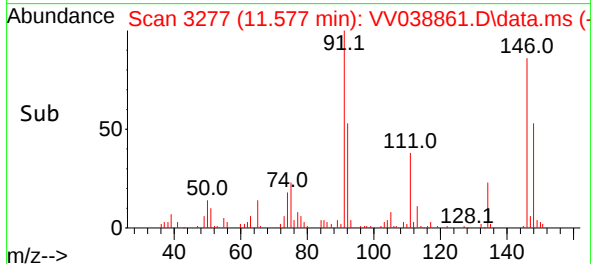
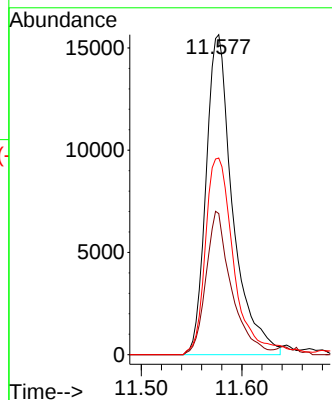
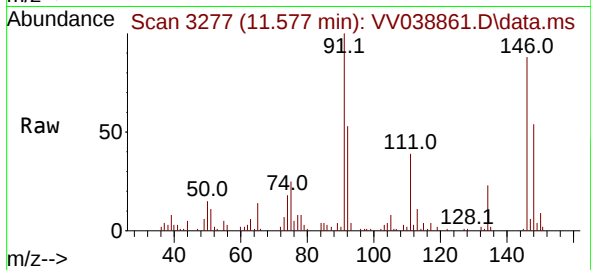




#91
1,2-Dichlorobenzene
Concen: 2.796 ug/l
RT: 11.577 min Scan# 311
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

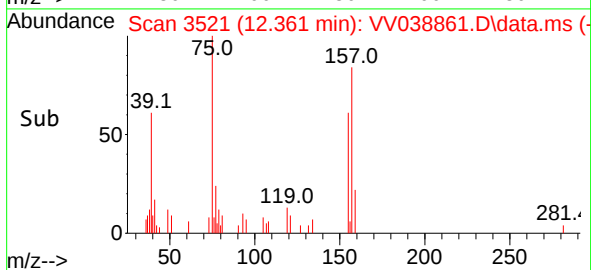
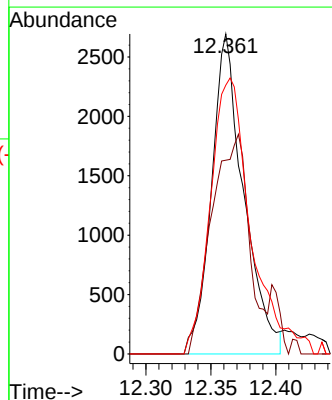
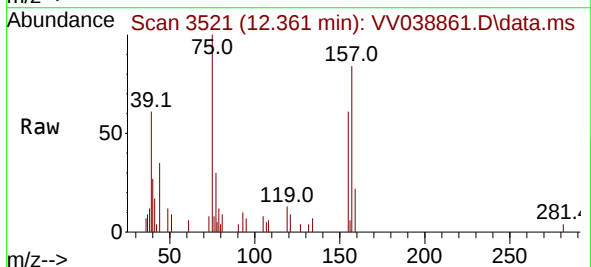
Instrument :
MSVOA_V
ClientSampleId :
MDL02

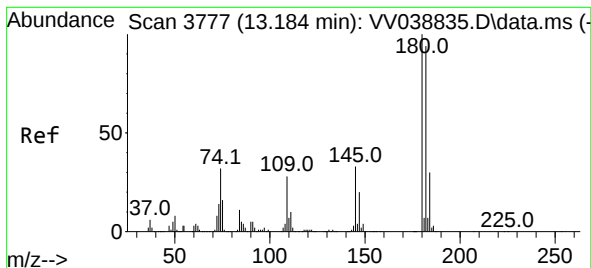
Tgt Ion:146 Resp: 28847
Ion Ratio Lower Upper
146 100
111 42.7 21.3 63.7
148 66.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.894 ug/l
RT: 12.361 min Scan# 3521
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion: 75 Resp: 4637
Ion Ratio Lower Upper
75 100
155 80.5 43.2 129.6
157 108.4 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 2.572 ug/l

RT: 13.194 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

MDL02

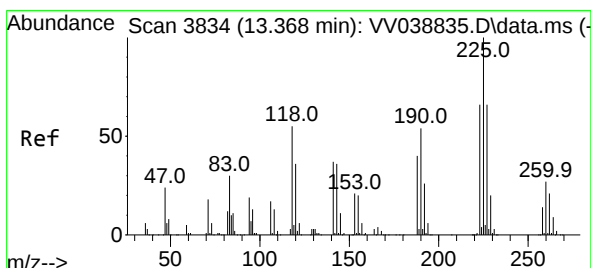
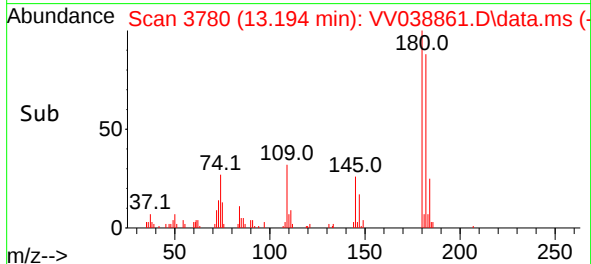
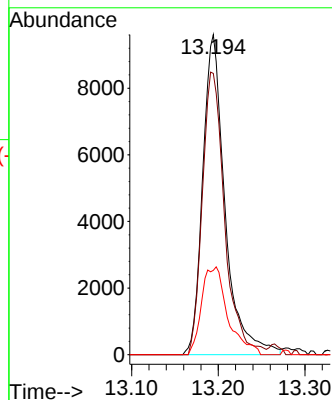
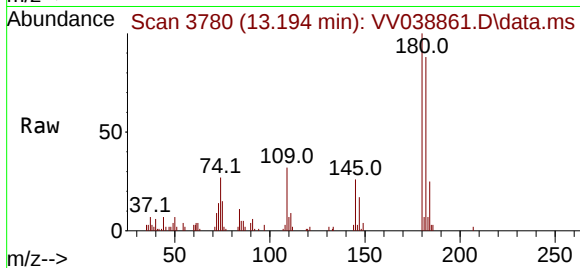
Tgt Ion:180 Resp: 17201

Ion Ratio Lower Upper

180 100

182 88.0 47.6 142.8

145 32.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 2.866 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038861.D

Acq: 03 Jul 2025 15:03

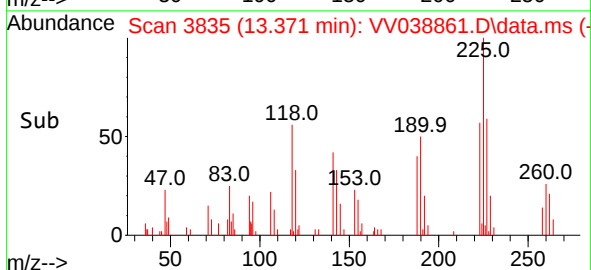
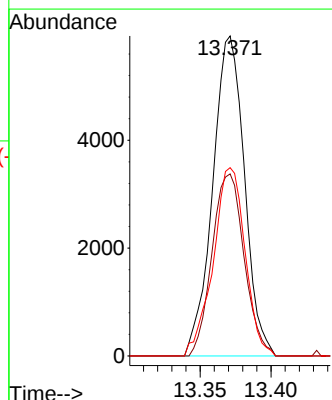
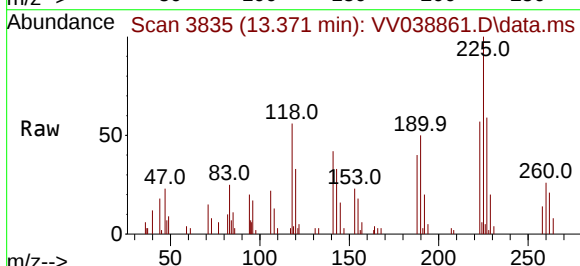
Tgt Ion:225 Resp: 9250

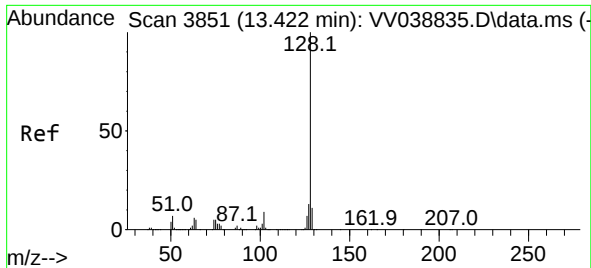
Ion Ratio Lower Upper

225 100

223 57.6 33.2 99.6

227 59.1 32.3 96.8

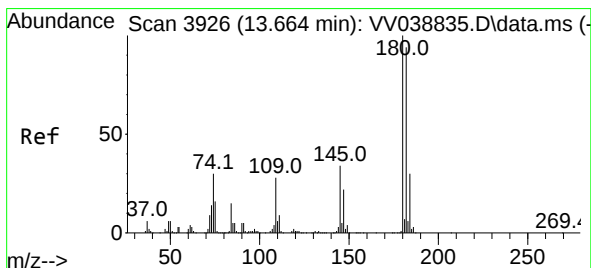
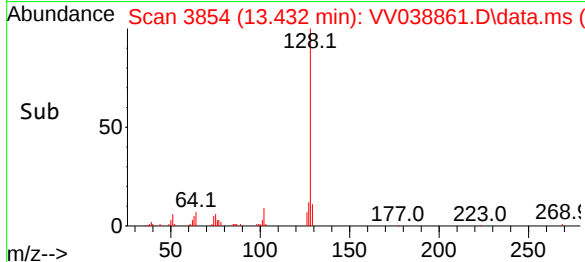
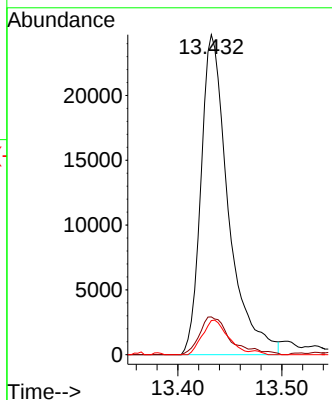
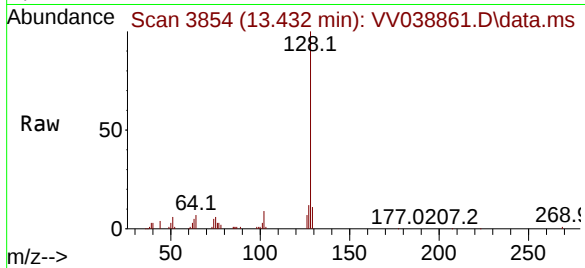




#95
Naphthalene
Concen: 2.125 ug/l
RT: 13.432 min Scan# 3854
Delta R.T. 0.010 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:	128	Resp:	45208
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	10.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.334 ug/l
RT: 13.670 min Scan# 3928
Delta R.T. 0.007 min
Lab File: VV038861.D
Acq: 03 Jul 2025 15:03

Tgt Ion:	180	Resp:	16110
Ion Ratio	Lower	Upper	
180	100		
182	99.3	47.3	141.9
145	33.6	17.1	51.2

