

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038934.D
 Acq On : 08 Aug 2025 14:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV080825

Quant Time: Aug 11 05:34:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 05:27:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	539758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	844365	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	798716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	488313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	356344	45.907	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	91.820%		
35) Dibromofluoromethane	4.500	113	303596	47.395	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	94.780%		
50) Toluene-d8	7.236	98	1086667	48.982	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	10.001	95	398224	49.841	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	99.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	180605	49.732	ug/l	98
3) Chloromethane	1.230	50	164594	47.502	ug/l	99
4) Vinyl Chloride	1.294	62	206289	48.451	ug/l	99
5) Bromomethane	1.490	94	156394	46.859	ug/l	97
6) Chloroethane	1.555	64	149060	48.674	ug/l	96
7) Trichlorofluoromethane	1.722	101	402850	47.778	ug/l	96
8) Diethyl Ether	1.918	74	152675	48.558	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	248520	46.140	ug/l	99
10) Methyl Iodide	2.195	142	288492	47.482	ug/l	99
11) Tert butyl alcohol	2.571	59	318539	242.636	ug/l	99
12) 1,1-Dichloroethene	2.082	96	210921	47.250	ug/l	95
13) Acrolein	2.008	56	212379	234.999	ug/l	99
14) Allyl chloride	2.358	41	373390	47.833	ug/l	100
15) Acrylonitrile	2.674	53	819498	236.444	ug/l	99
16) Acetone	2.117	43	652424	234.147	ug/l	99
17) Carbon Disulfide	2.252	76	348646	48.367	ug/l	100
18) Methyl Acetate	2.378	43	568634	50.107	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	886221	48.250	ug/l	99
20) Methylene Chloride	2.455	84	272517	51.298	ug/l	98
21) trans-1,2-Dichloroethene	2.699	96	227903	46.972	ug/l	99
22) Diisopropyl ether	3.217	45	827496	52.420	ug/l	98
23) Vinyl Acetate	3.188	43	3025476	258.001	ug/l	100
24) 1,1-Dichloroethane	3.117	63	491521	48.550	ug/l	99
25) 2-Butanone	3.866	43	958025	270.984	ug/l	99
26) 2,2-Dichloropropane	3.812	77	439363	48.978	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	293352	50.423	ug/l	98
28) Bromochloromethane	4.146	49	151641	51.021	ug/l	99
29) Tetrahydrofuran	4.236	42	617647	266.840	ug/l	100
30) Chloroform	4.278	83	536265	48.681	ug/l	100
31) Cyclohexane	4.580	56	304220	48.784	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	462707	48.837	ug/l	100
36) 1,1-Dichloropropene	4.747	75	295280	51.845	ug/l	97
37) Ethyl Acetate	3.976	43	349499	46.319	ug/l	100
38) Carbon Tetrachloride	4.735	117	390113	51.858	ug/l	98
39) Methylcyclohexane	6.046	83	331111	53.565	ug/l	98
40) Benzene	5.008	78	987538	52.438	ug/l	100

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41) Methacrylonitrile	4.156	41	175674	57.570	ug/l	97
42) 1,2-Dichloroethane	5.040	62	362829	49.690	ug/l	99
43) Isopropyl Acetate	5.194	43	570170	54.390	ug/l	99
44) Trichloroethene	5.831	130	253281	50.467	ug/l	94
45) 1,2-Dichloropropane	6.088	63	272334	51.890	ug/l	100
46) Dibromomethane	6.223	93	201771	51.935	ug/l	99
47) Bromodichloromethane	6.426	83	438213	50.769	ug/l	98
48) Methyl methacrylate	6.297	41	268233	57.785	ug/l	100
49) 1,4-Dioxane	6.288	88	104741	1082.594	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	2065470	284.440	ug/l	100
52) Toluene	7.307	92	663229	55.897	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	418914	55.477	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	445316	54.018	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	295351	50.867	ug/l	98
56) Ethyl methacrylate	7.715	69	424671	50.965	ug/l	99
57) 1,3-Dichloropropane	7.934	76	472862	53.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	954070	280.034	ug/l	99
59) 2-Hexanone	8.062	43	1530268	291.952	ug/l	99
60) Dibromochloromethane	8.165	129	364666	51.290	ug/l	98
61) 1,2-Dibromoethane	8.275	107	306436	53.164	ug/l	100
64) Tetrachloroethene	7.895	164	233931	49.903	ug/l	99
65) Chlorobenzene	8.805	112	787493	50.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	306342	49.882	ug/l	99
67) Ethyl Benzene	8.937	91	1295577	56.494	ug/l	99
68) m/p-Xylenes	9.062	106	1028454	116.363	ug/l	100
69) o-Xylene	9.468	106	480585	57.825	ug/l	99
70) Styrene	9.484	104	903177	60.360	ug/l	99
71) Bromoform	9.654	173	263915	51.139	ug/l #	99
73) Isopropylbenzene	9.857	105	1378193	54.073	ug/l	100
74) N-amyl acetate	9.725	43	506678	56.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	506093	46.441	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	381030	47.757	ug/l	99
77) Bromobenzene	10.140	156	345006	50.424	ug/l	98
78) n-propylbenzene	10.278	91	1680321	55.884	ug/l	98
79) 2-Chlorotoluene	10.349	91	992160	53.760	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1215088	56.503	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	168060	52.738	ug/l	97
82) 4-Chlorotoluene	10.461	91	1176716	54.518	ug/l	100
83) tert-Butylbenzene	10.789	119	1222996	53.387	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1207900	56.596	ug/l	99
85) sec-Butylbenzene	11.011	105	1586271	54.800	ug/l	100
86) p-Isopropyltoluene	11.165	119	1364619	54.117	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	708488	49.537	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	721637	46.374	ug/l	99
89) n-Butylbenzene	11.580	91	1293319	55.480	ug/l	99
90) Hexachloroethane	11.821	117	278826	46.875	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	673017	49.783	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	111654	47.092	ug/l	96
93) 1,2,4-Trichlorobenzene	13.184	180	440341	51.641	ug/l	98
94) Hexachlorobutadiene	13.368	225	205028	45.504	ug/l	98
95) Naphthalene	13.422	128	1525750	57.023	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	461812	52.923	ug/l	99

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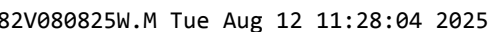
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

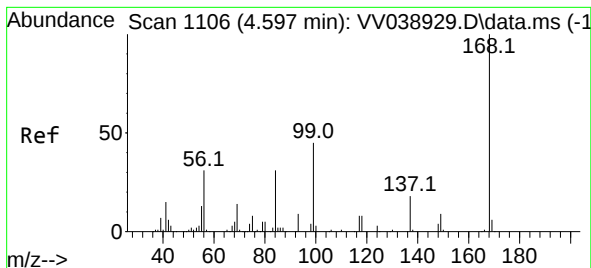
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

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ClientSampleId :

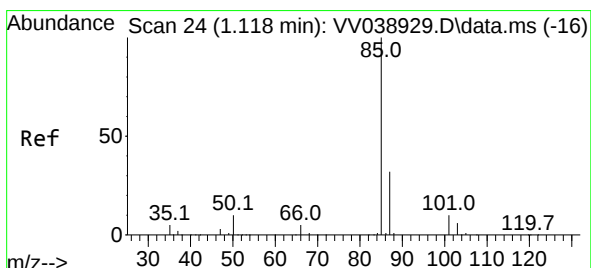
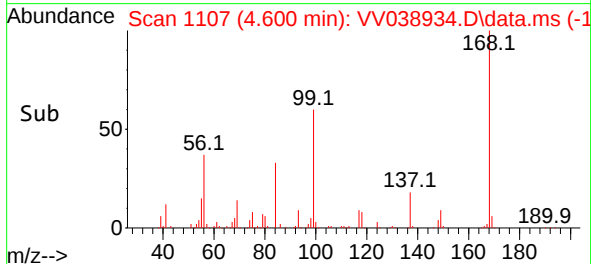
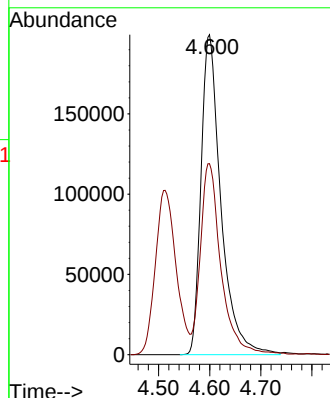
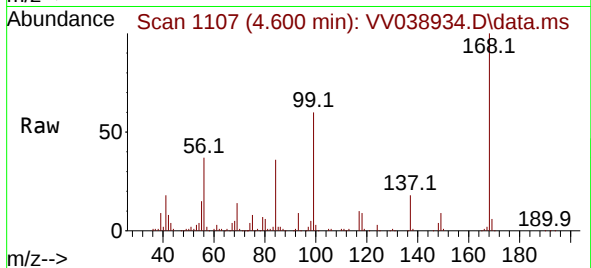
ICVV080825

Tgt Ion:168 Resp: 539758

Ion Ratio Lower Upper

168 100

99 59.2 47.3 70.9



#2

Dichlorodifluoromethane

Concen: 49.732 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.003 min

Lab File: VV038934.D

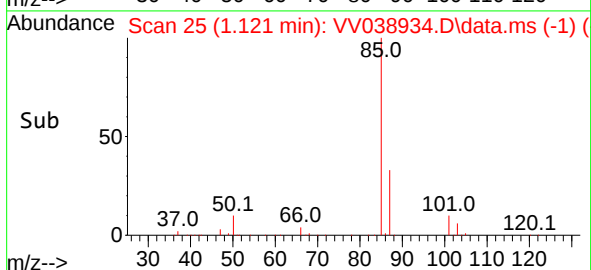
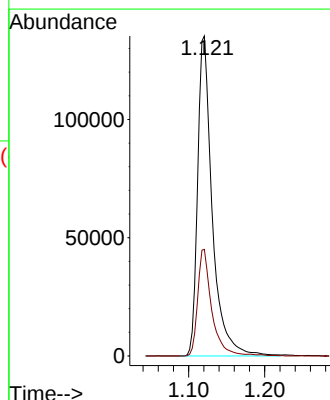
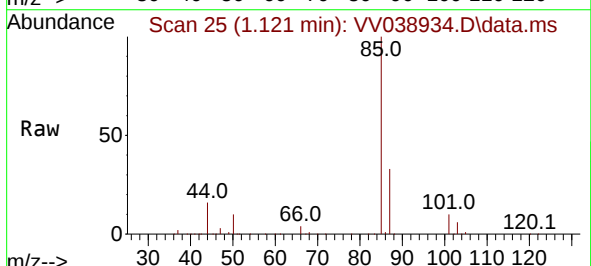
Acq: 08 Aug 2025 14:28

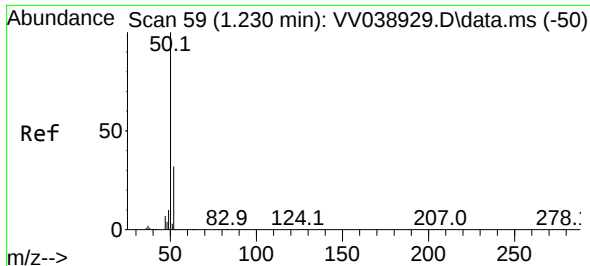
Tgt Ion: 85 Resp: 180605

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.6

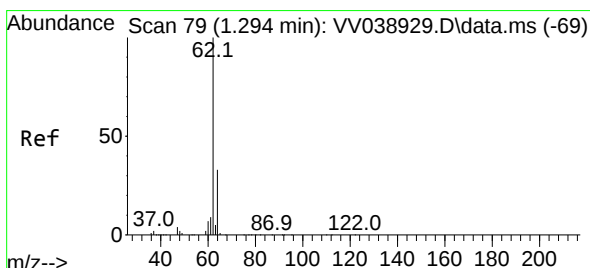
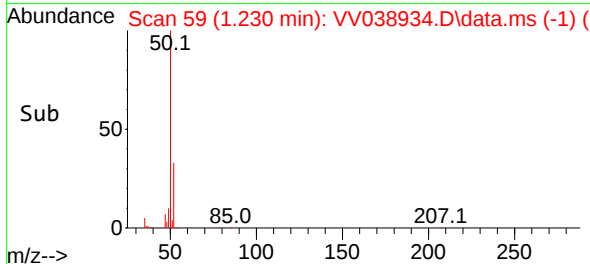
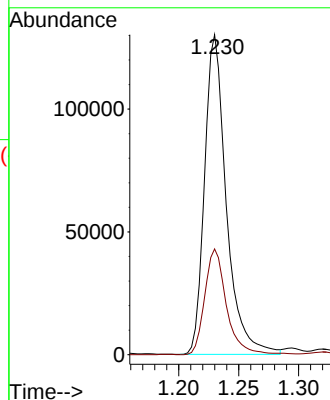
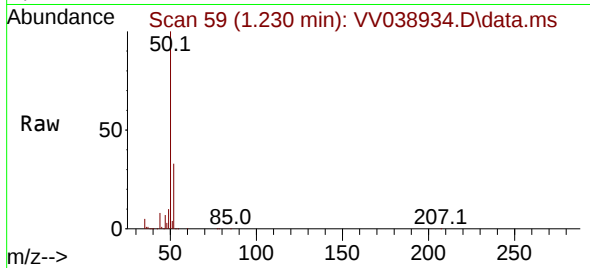




#3
Chloromethane
Concen: 47.502 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038934.D
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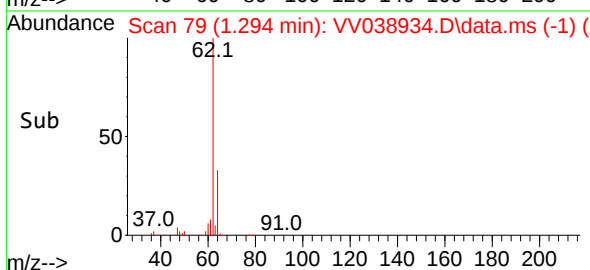
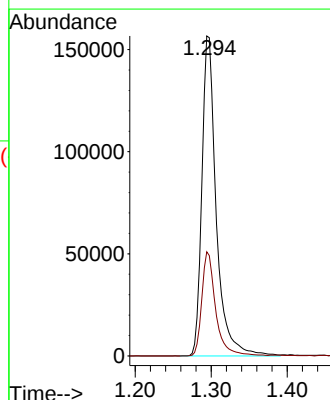
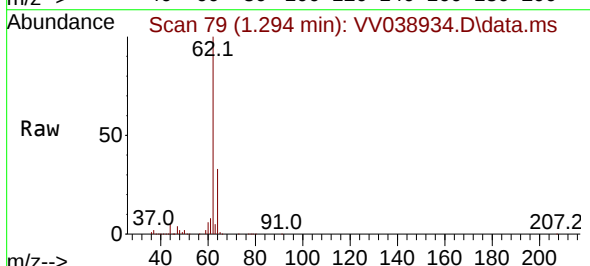
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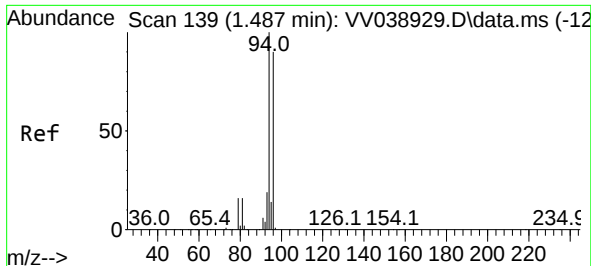
Tgt Ion: 50 Resp: 164594
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9



#4
Vinyl Chloride
Concen: 48.451 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 62 Resp: 206289
Ion Ratio Lower Upper
62 100
64 32.6 26.6 40.0

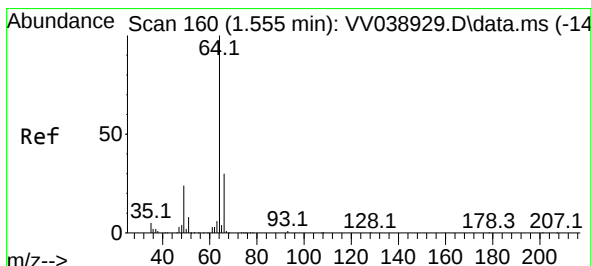
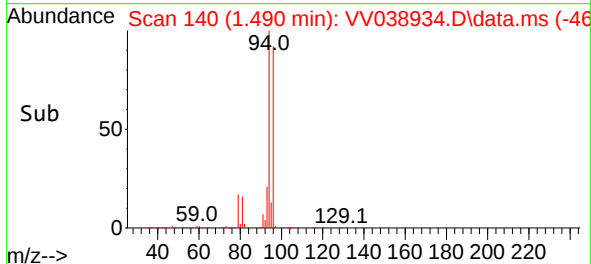
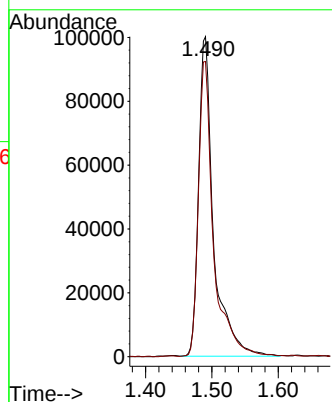
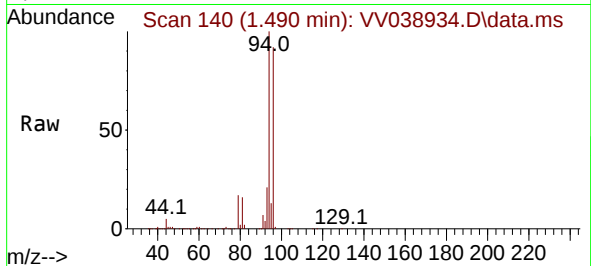




#5
Bromomethane
Concen: 46.859 ug/l
RT: 1.490 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

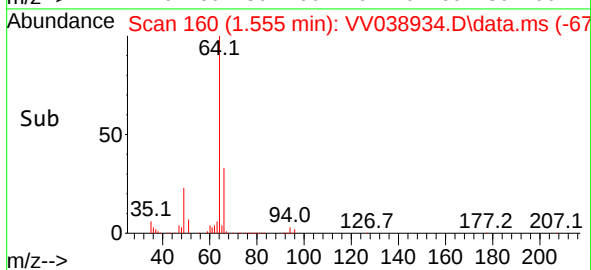
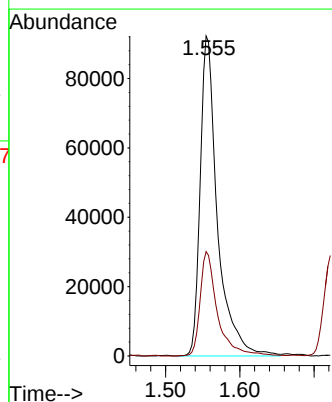
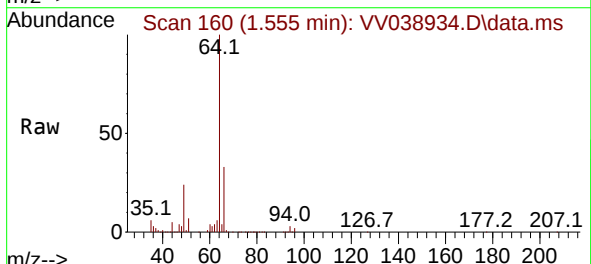
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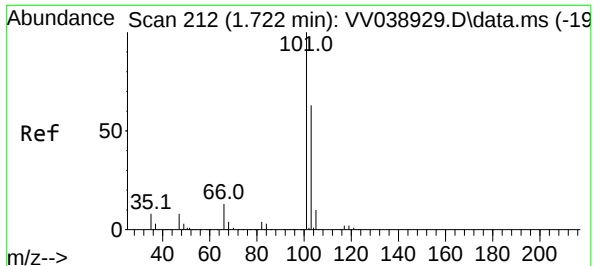
Tgt Ion: 94 Resp: 156394
Ion Ratio Lower Upper
94 100
96 92.3 71.8 107.8



#6
Chloroethane
Concen: 48.674 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 64 Resp: 149060
Ion Ratio Lower Upper
64 100
66 32.5 24.3 36.5

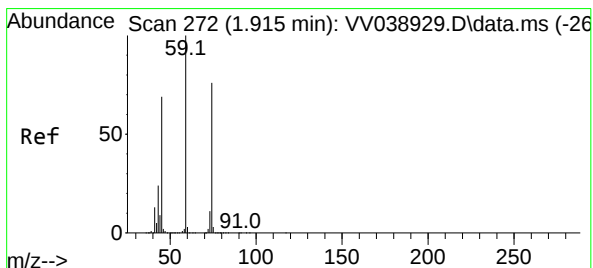
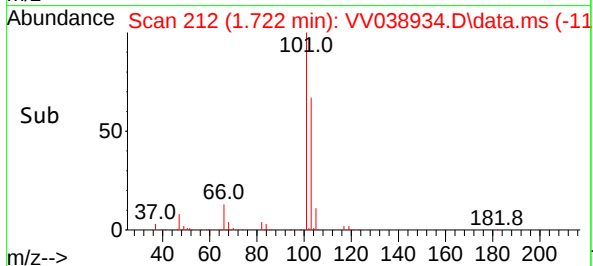
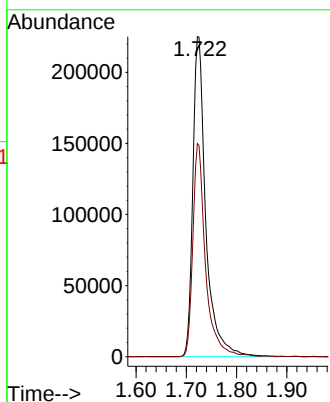
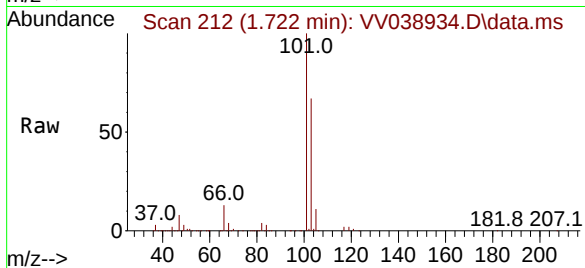




#7
 Trichlorofluoromethane
 Concen: 47.778 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

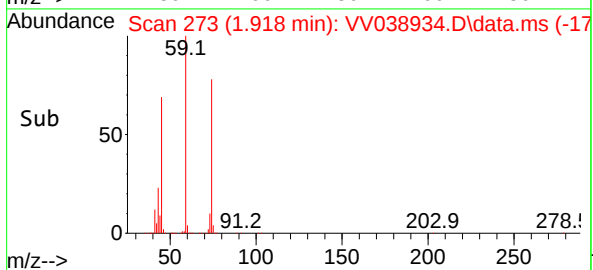
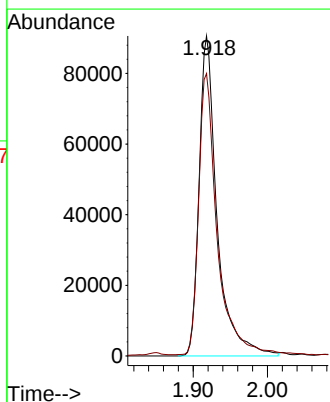
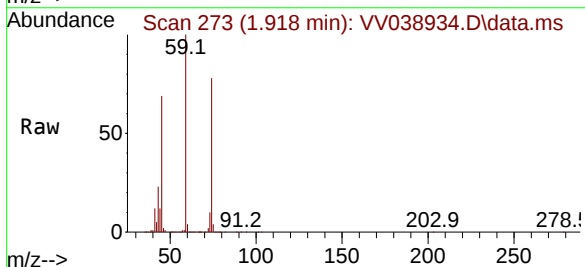
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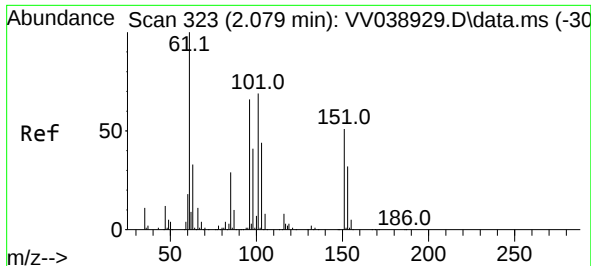
Tgt Ion:101 Resp: 402850
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.8 76.2



#8
 Diethyl Ether
 Concen: 48.558 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038934.D
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Tgt Ion: 74 Resp: 152675
 Ion Ratio Lower Upper
 74 100
 45 90.2 44.8 134.4

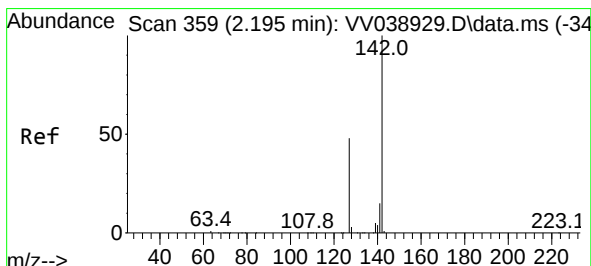
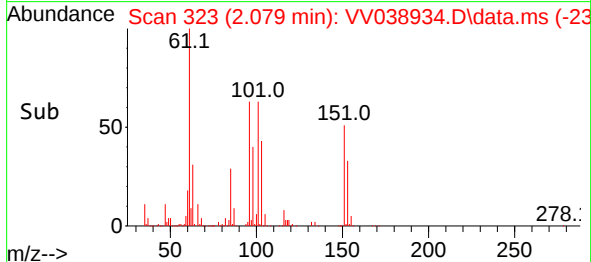
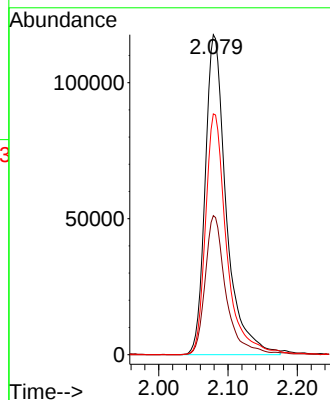
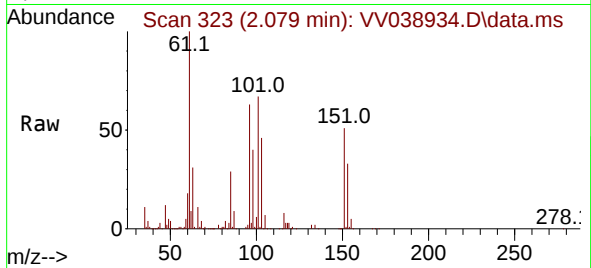




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.140 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

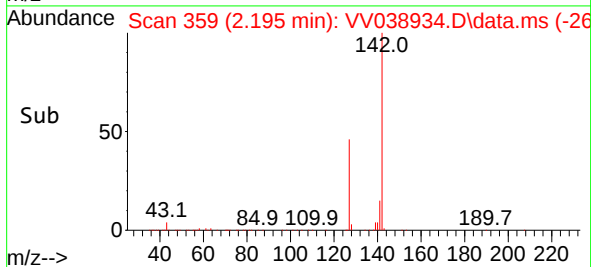
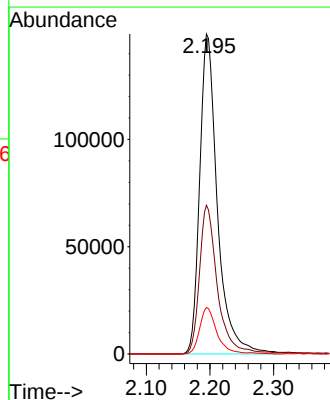
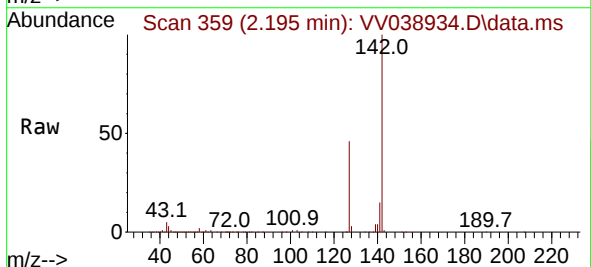
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

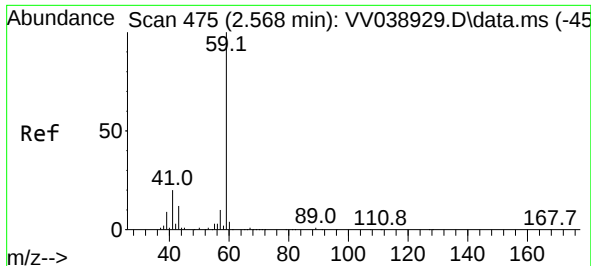
Tgt Ion:101 Resp: 248520
Ion Ratio Lower Upper
101 100
85 43.2 35.1 52.7
151 75.5 60.6 91.0



#10
Methyl Iodide
Concen: 47.482 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion:142 Resp: 288492
Ion Ratio Lower Upper
142 100
127 47.1 38.2 57.2
141 14.0 11.6 17.4

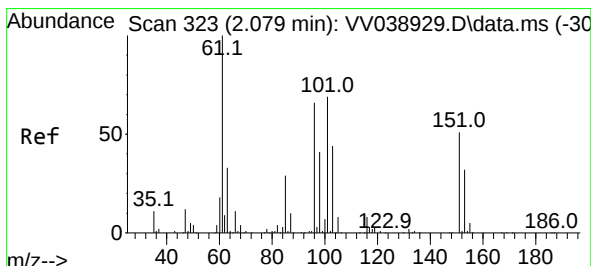
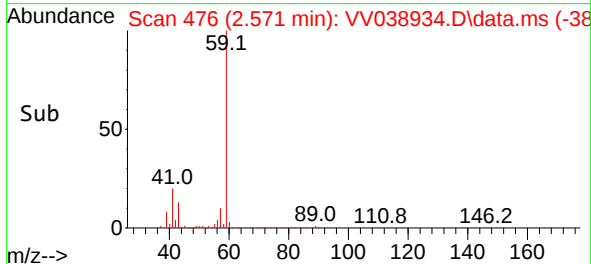
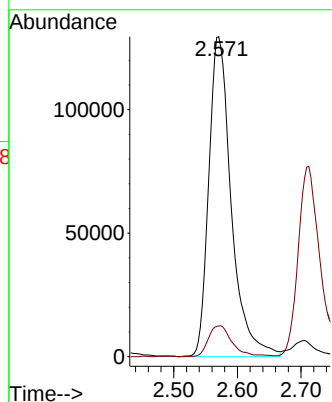
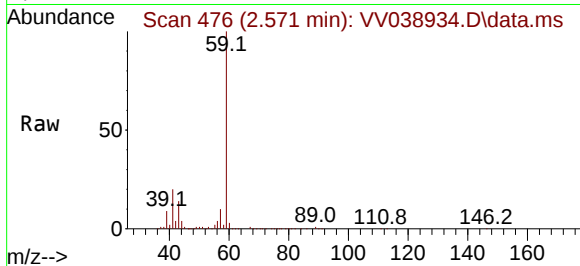




#11
Tert butyl alcohol
Concen: 242.636 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

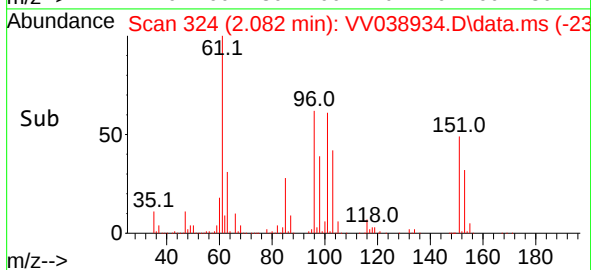
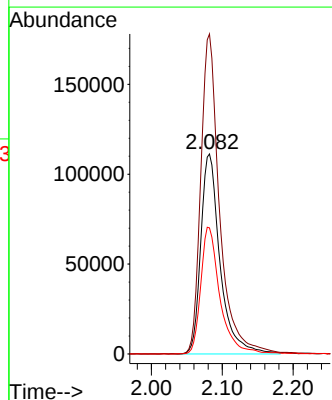
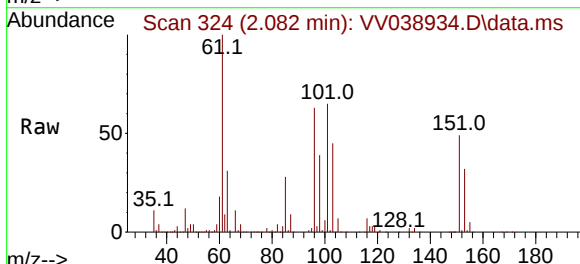
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

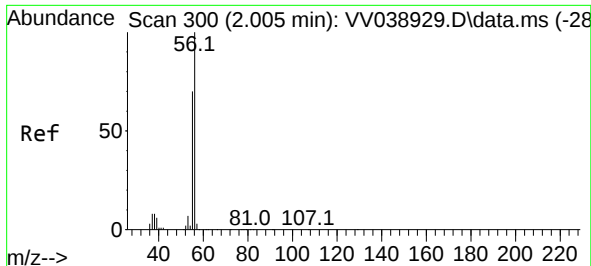
Tgt Ion: 59 Resp: 318539
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.250 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 96 Resp: 210921
Ion Ratio Lower Upper
96 100
61 159.8 121.0 181.4
98 62.9 49.4 74.2

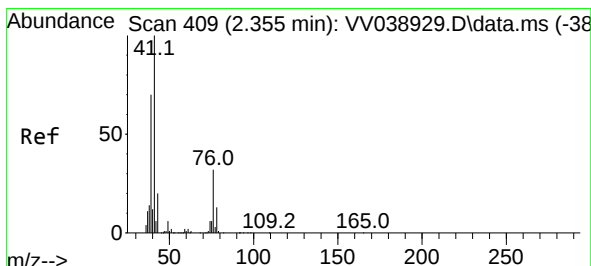
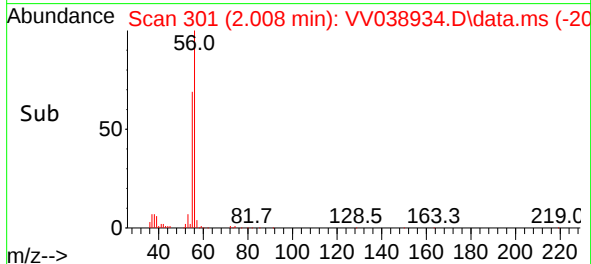
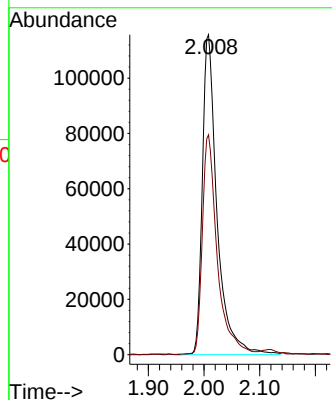
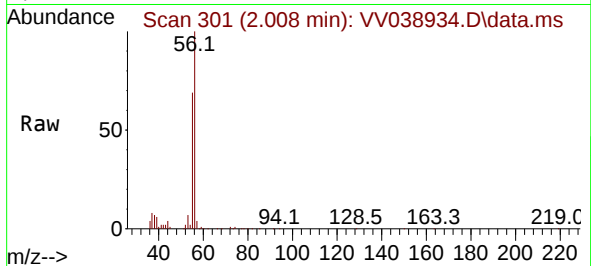




#13
Acrolein
Concen: 234.999 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

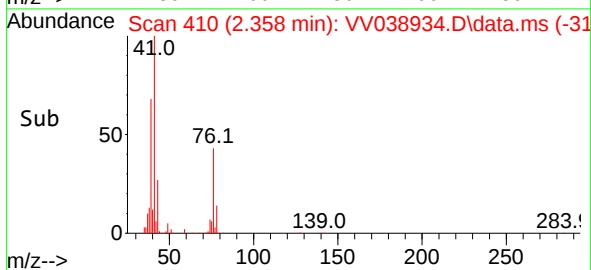
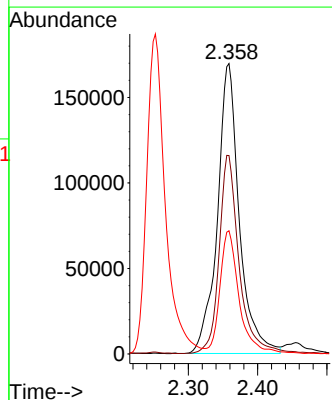
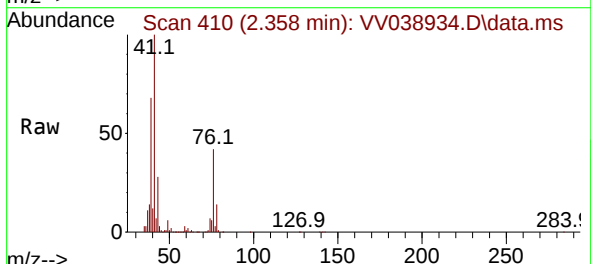
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

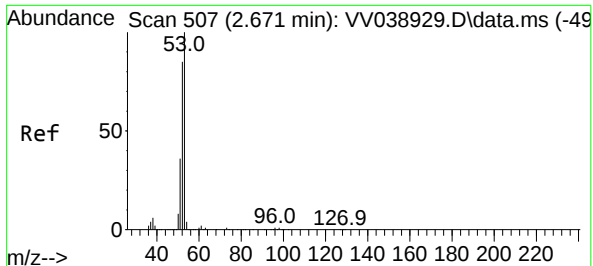
Tgt Ion: 56 Resp: 212379
Ion Ratio Lower Upper
56 100
55 69.6 55.1 82.7



#14
Allyl chloride
Concen: 47.833 ug/l
RT: 2.358 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 41 Resp: 373390
Ion Ratio Lower Upper
41 100
39 62.3 49.9 74.9
76 37.2 29.7 44.5

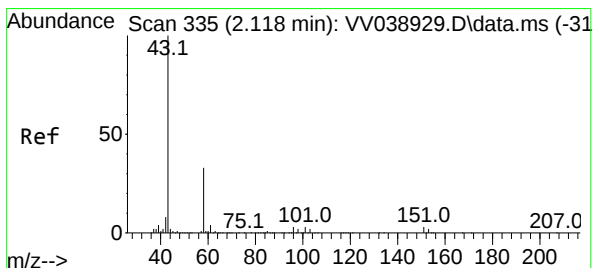
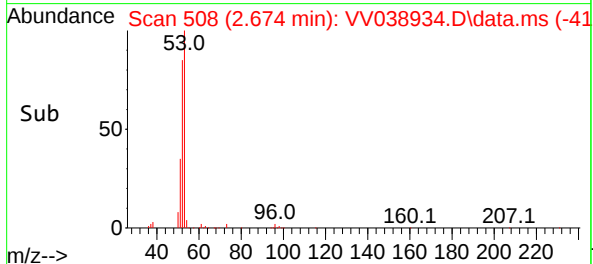
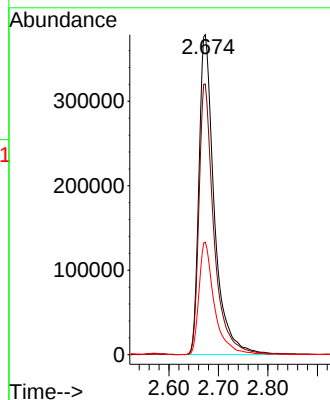
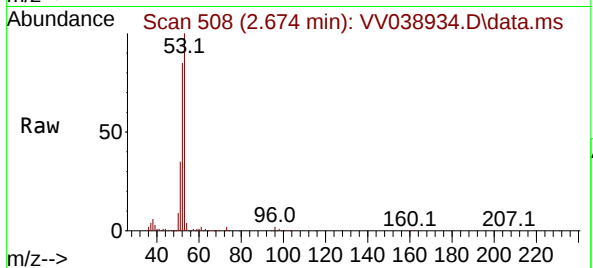




#15
Acrylonitrile
Concen: 236.444 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

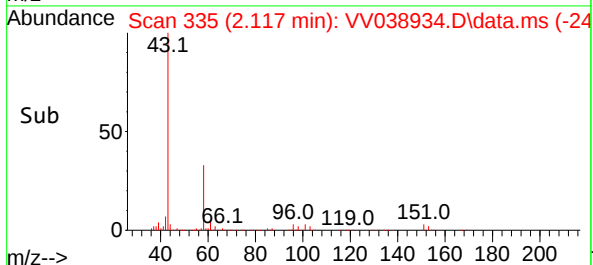
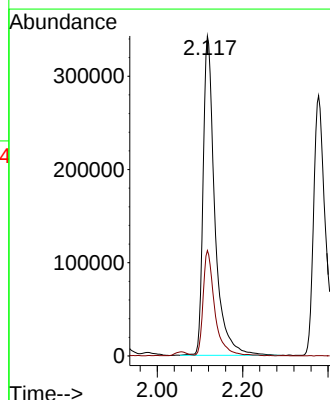
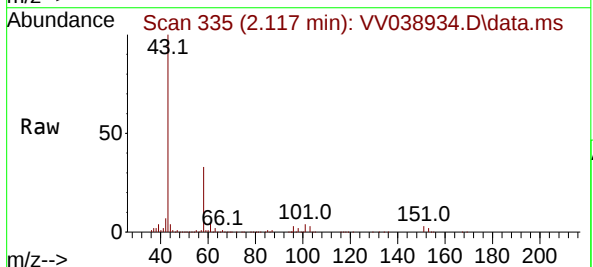
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

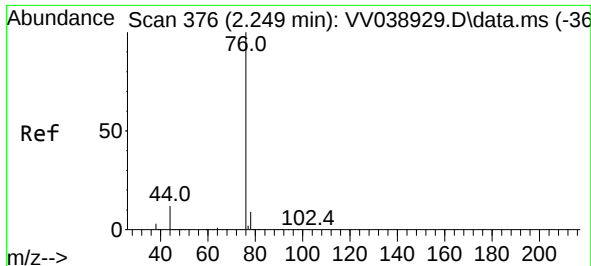
Tgt Ion: 53 Resp: 819498
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 35.1 28.6 43.0



#16
Acetone
Concen: 234.147 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 43 Resp: 652424
Ion Ratio Lower Upper
43 100
58 32.9 26.8 40.2

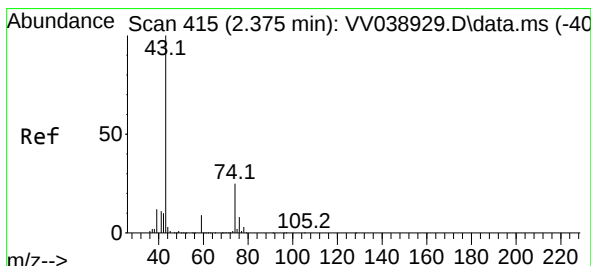
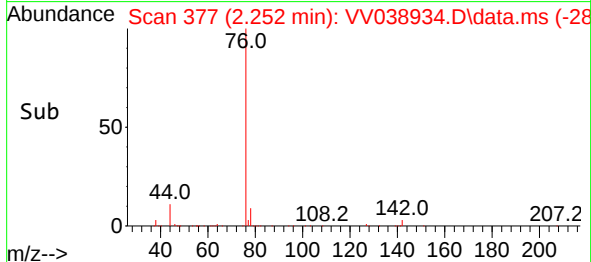
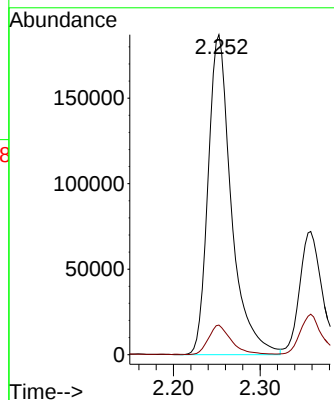
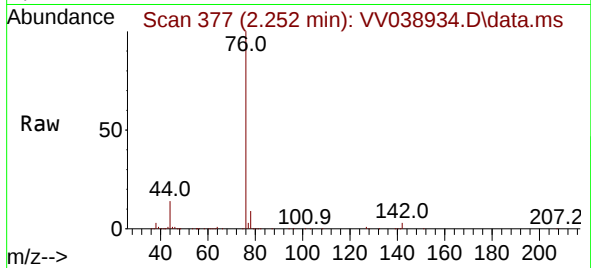




#17
Carbon Disulfide
Concen: 48.367 ug/l
RT: 2.252 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

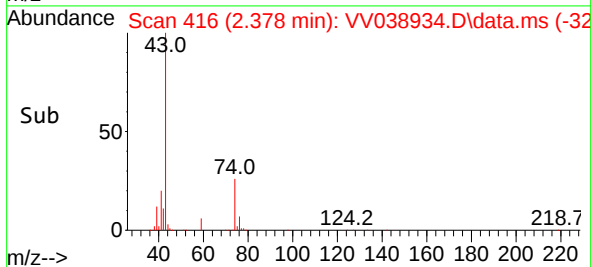
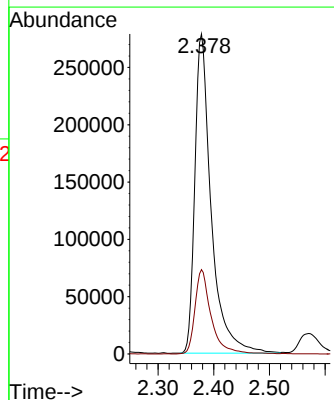
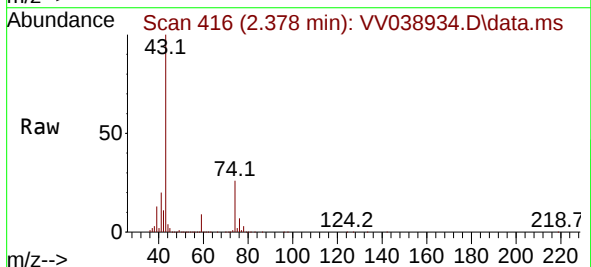
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

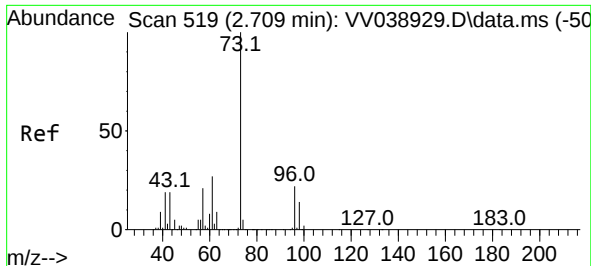
Tgt Ion: 76 Resp: 348646
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 50.107 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 43 Resp: 568634
Ion Ratio Lower Upper
43 100
74 26.0 20.6 30.8

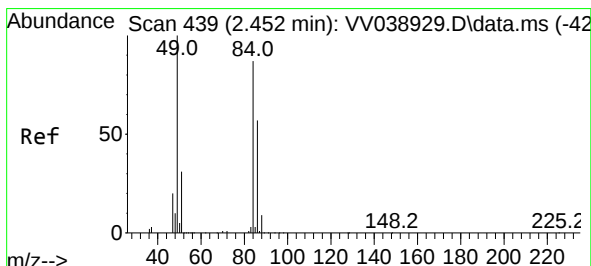
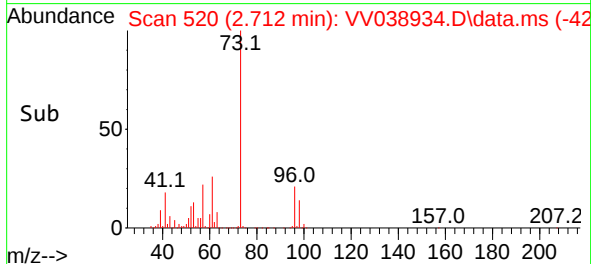
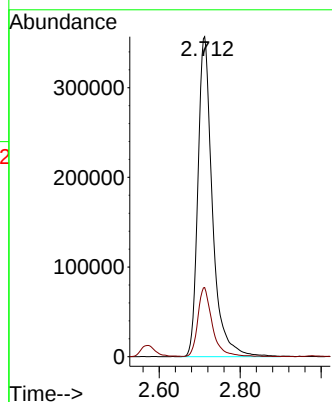
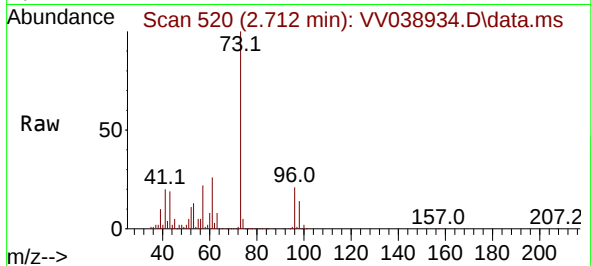




#19
Methyl tert-butyl Ether
Concen: 48.250 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

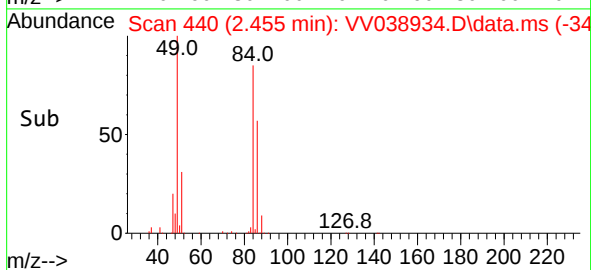
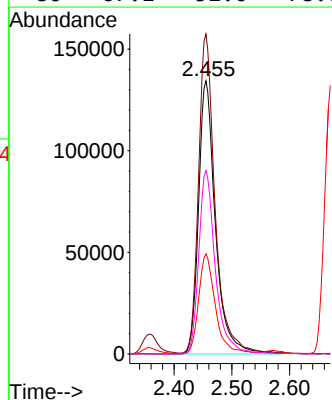
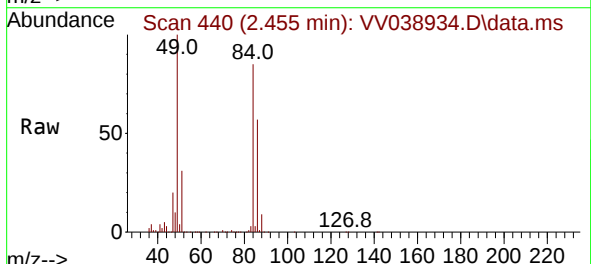
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

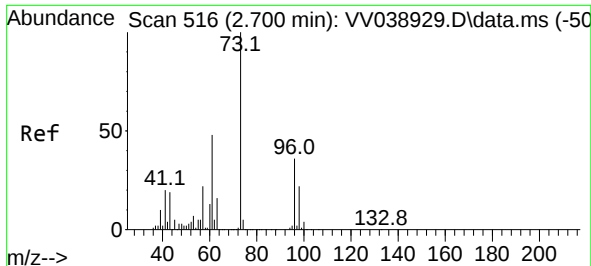
Tgt Ion: 73 Resp: 886221
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6



#20
Methylene Chloride
Concen: 51.298 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 84 Resp: 272517
Ion Ratio Lower Upper
84 100
49 116.9 91.7 137.5
51 36.4 28.3 42.5
86 67.1 52.0 78.0

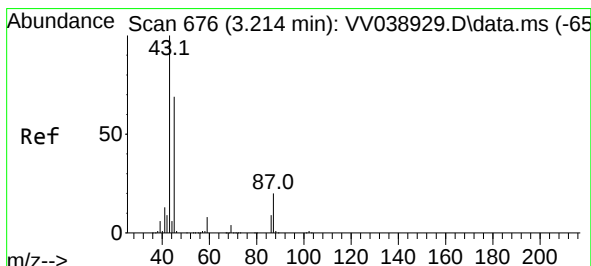
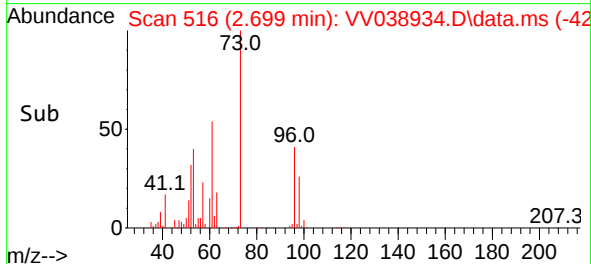
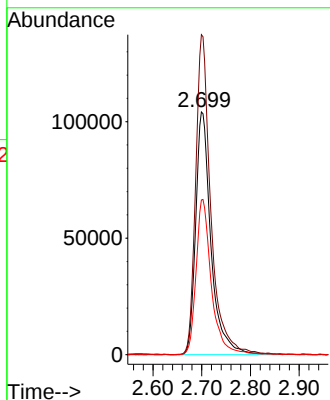
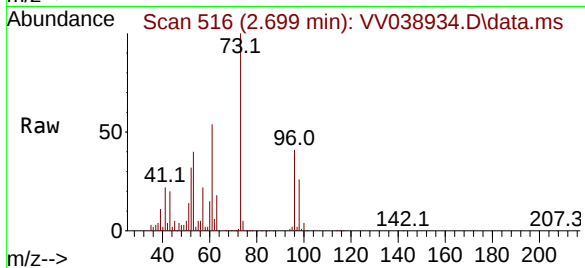




#21
trans-1,2-Dichloroethene
Concen: 46.972 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

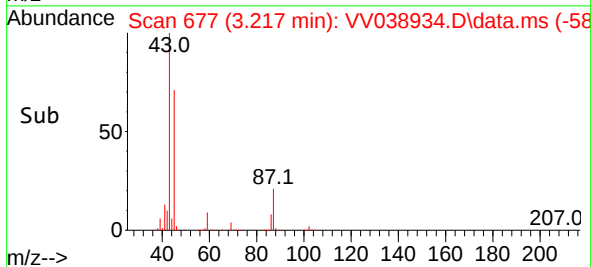
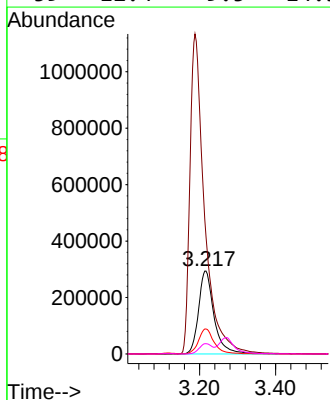
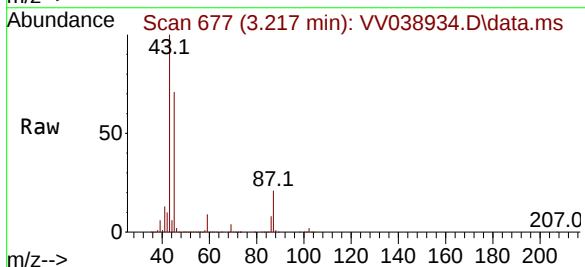
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

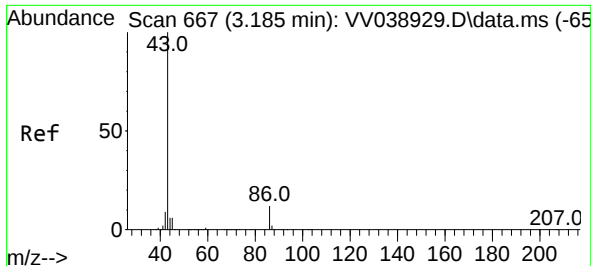
Tgt Ion: 96 Resp: 227903
Ion Ratio Lower Upper
96 100
61 131.7 106.2 159.4
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 52.420 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 45 Resp: 827496
Ion Ratio Lower Upper
45 100
43 141.3 115.3 172.9
87 30.1 23.8 35.6
59 12.4 9.5 14.3

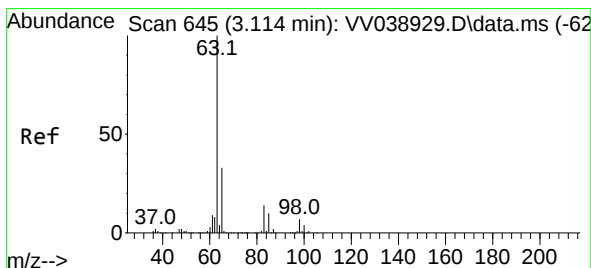
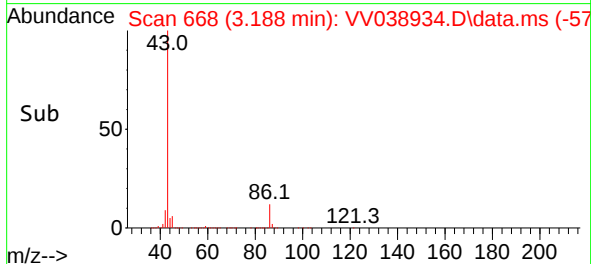
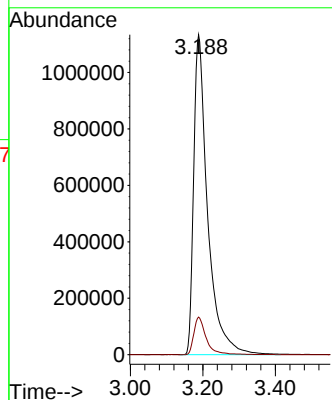
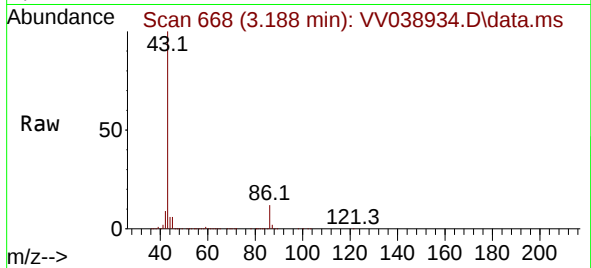




#23
 Vinyl Acetate
 Concen: 258.001 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

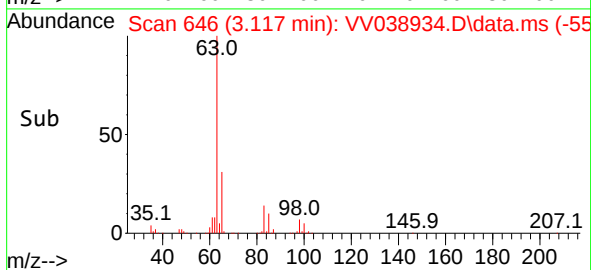
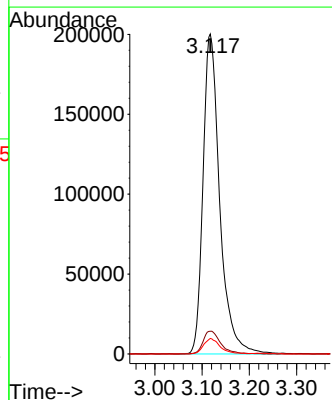
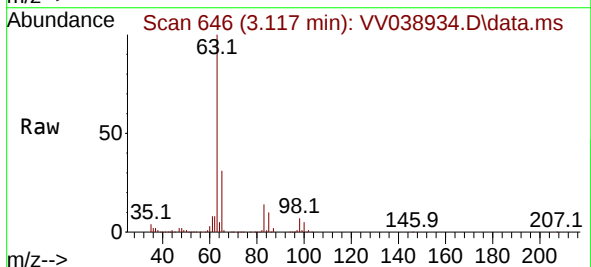
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV080825

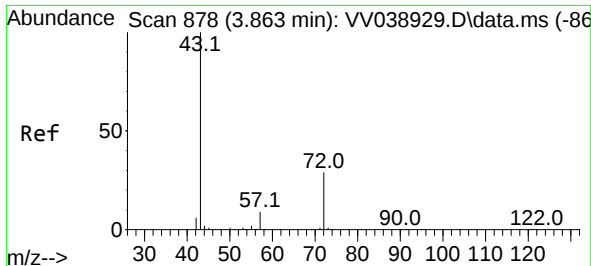
Tgt Ion: 43 Resp: 3025476
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 48.550 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

Tgt Ion: 63 Resp: 491521
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.9 2.2 6.6

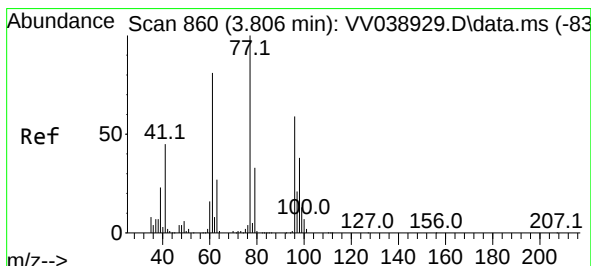
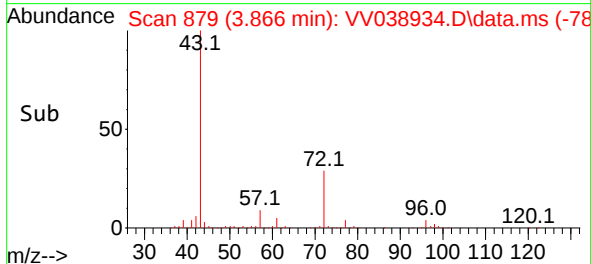
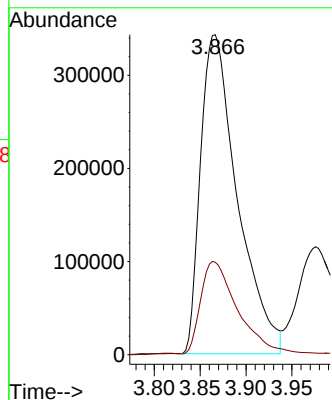
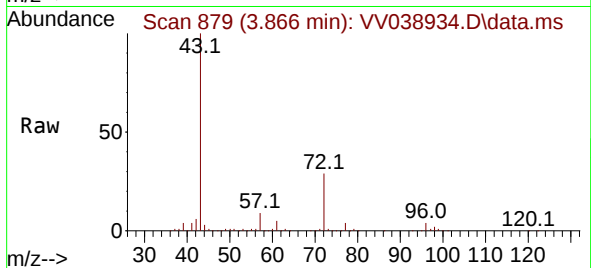




#25
2-Butanone
Concen: 270.984 ug/l
RT: 3.866 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

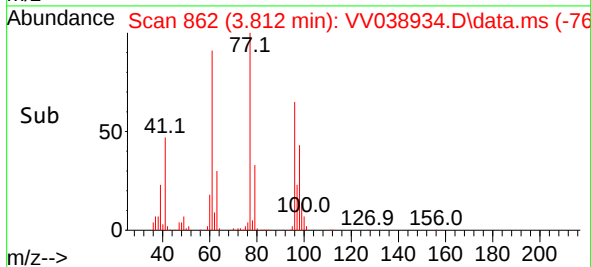
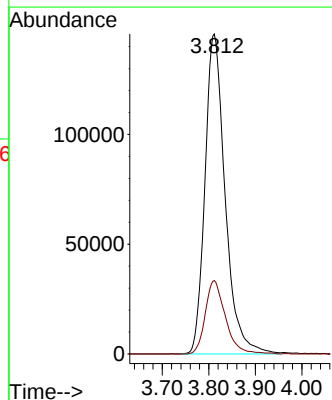
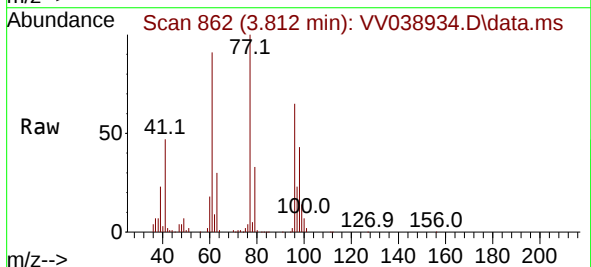
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

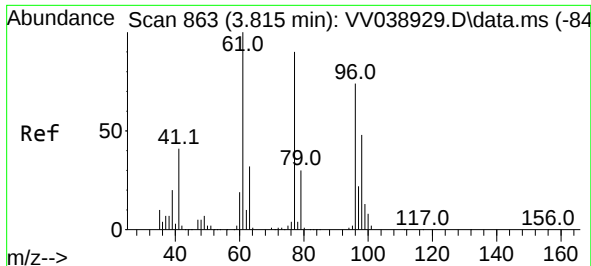
Tgt Ion: 43 Resp: 958025
Ion Ratio Lower Upper
43 100
72 28.7 23.5 35.3



#26
2,2-Dichloropropane
Concen: 48.978 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 77 Resp: 439363
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.3

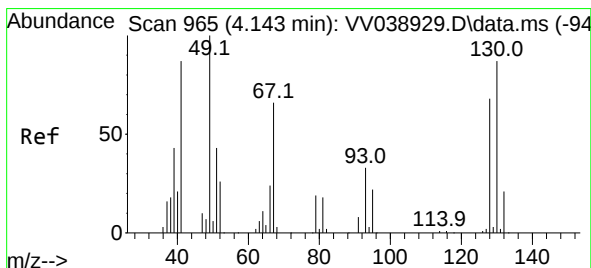
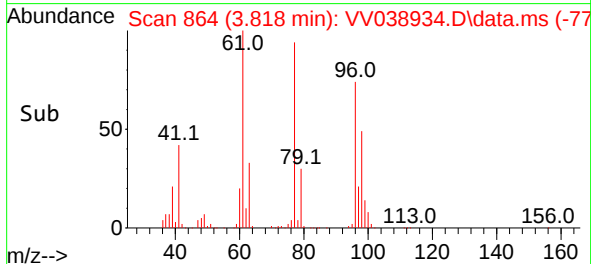
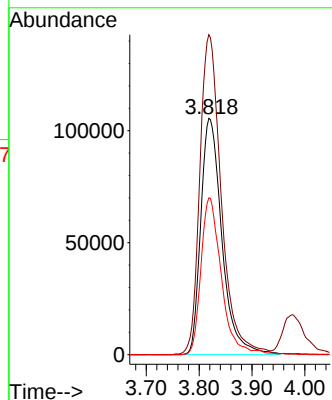
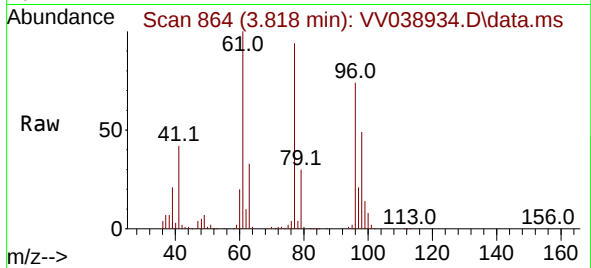




#27
 cis-1,2-Dichloroethene
 Concen: 50.423 ug/l
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

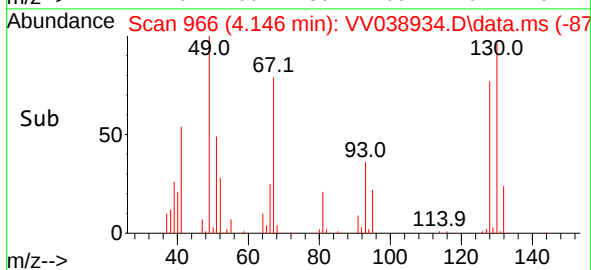
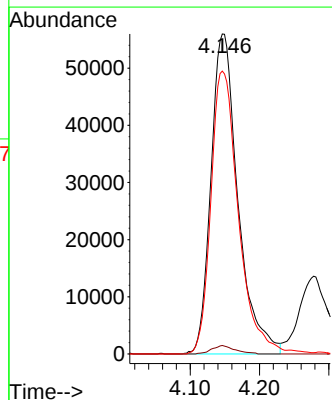
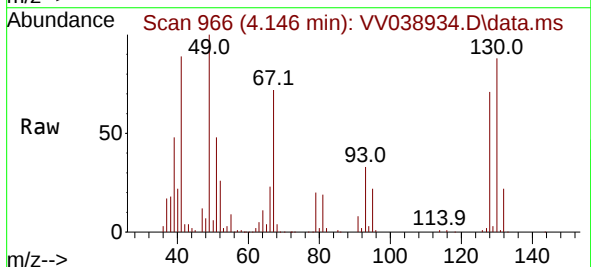
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV080825

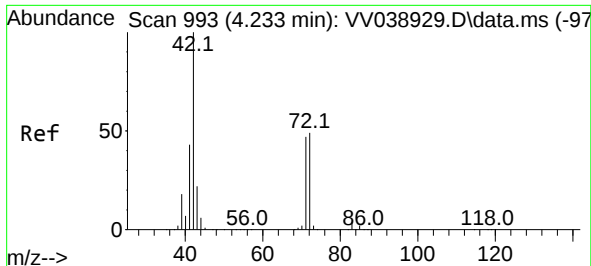
Tgt Ion: 96 Resp: 293352
 Ion Ratio Lower Upper
 96 100
 61 137.6 0.0 270.4
 98 63.0 0.0 128.0



#28
 Bromochloromethane
 Concen: 51.021 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

Tgt Ion: 49 Resp: 151641
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.4
 130 89.7 70.9 106.3





#29

Tetrahydrofuran

Concen: 266.840 ug/l

RT: 4.236 min Scan# 993

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVV080825

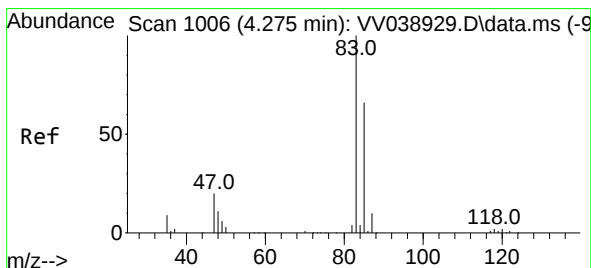
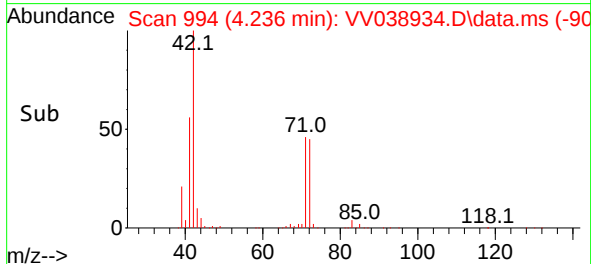
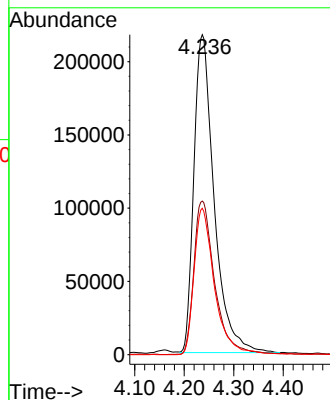
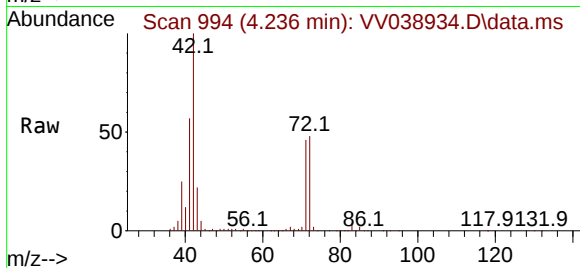
Tgt Ion: 42 Resp: 617647

Ion Ratio Lower Upper

42 100

72 49.8 39.9 59.9

71 46.8 37.4 56.0



#30

Chloroform

Concen: 48.681 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV038934.D

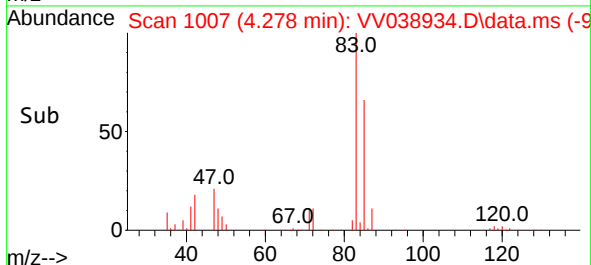
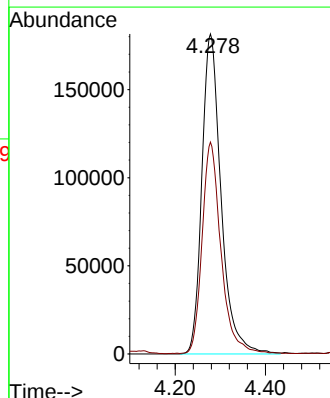
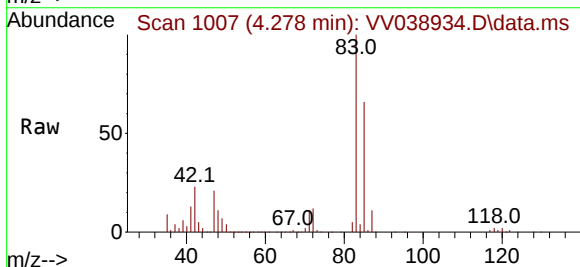
Acq: 08 Aug 2025 14:28

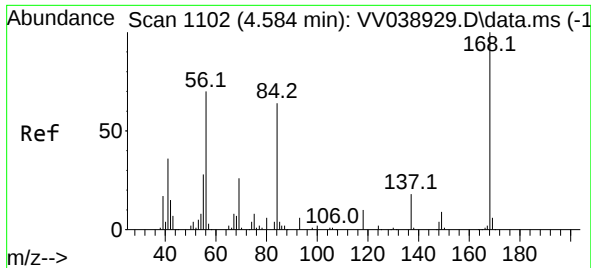
Tgt Ion: 83 Resp: 536265

Ion Ratio Lower Upper

83 100

85 66.1 53.0 79.6

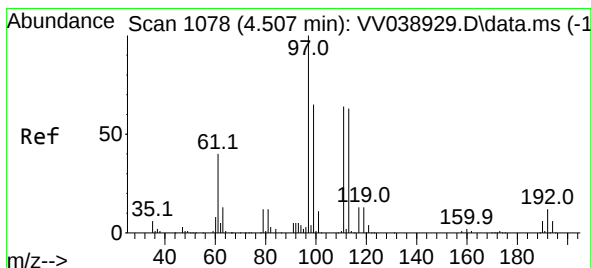
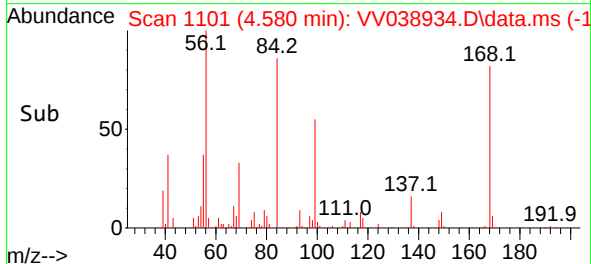
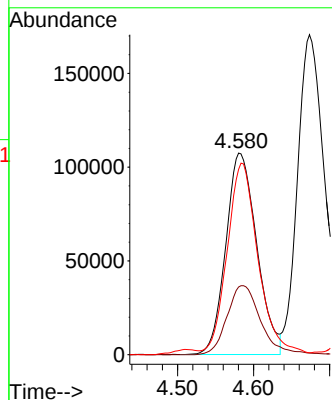
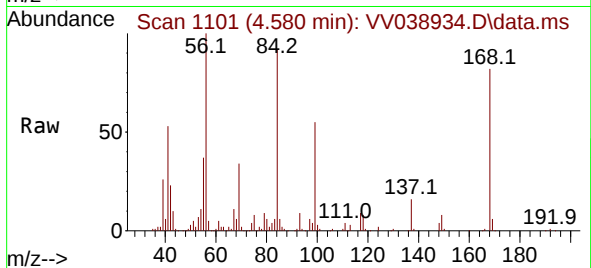




#31
Cyclohexane
Concen: 48.784 ug/l
RT: 4.580 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

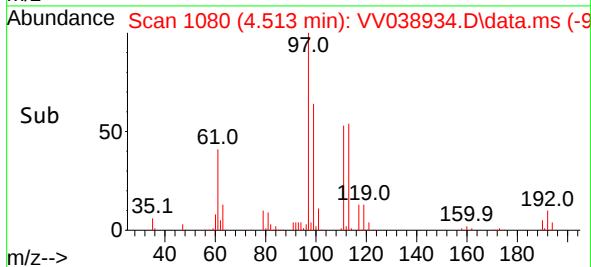
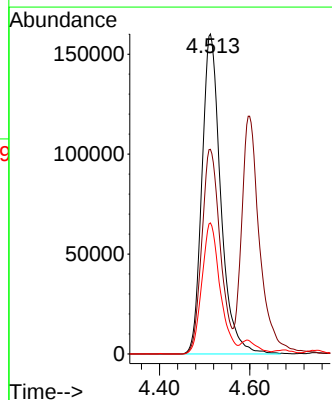
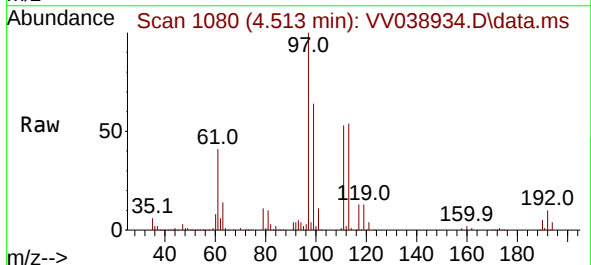
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

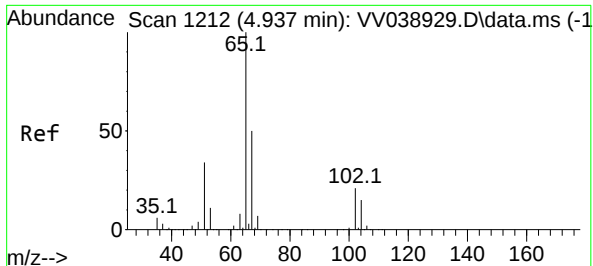
Tgt Ion: 56 Resp: 304220
Ion Ratio Lower Upper
56 100
69 33.6 30.2 45.2
84 89.8 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 48.837 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 97 Resp: 462707
Ion Ratio Lower Upper
97 100
99 62.3 49.8 74.6
61 39.8 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 45.907 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

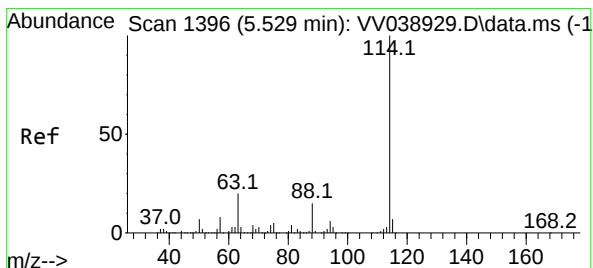
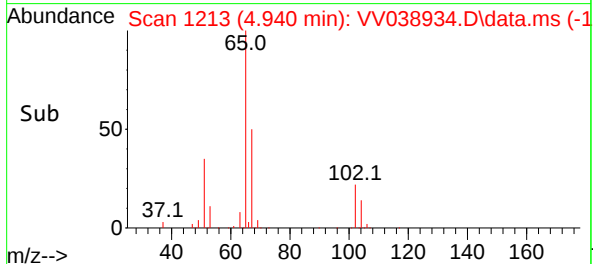
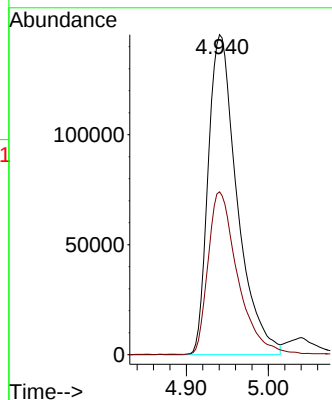
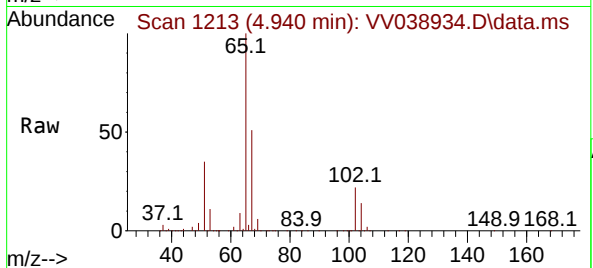
ICVVV080825

Tgt Ion: 65 Resp: 356344

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

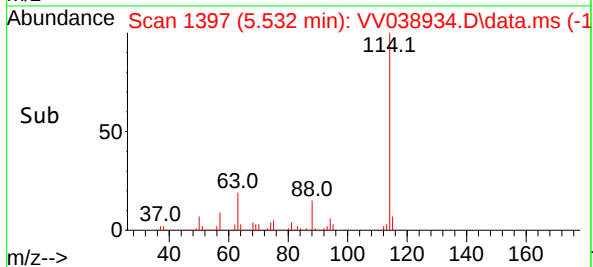
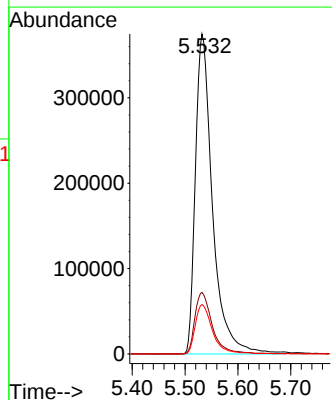
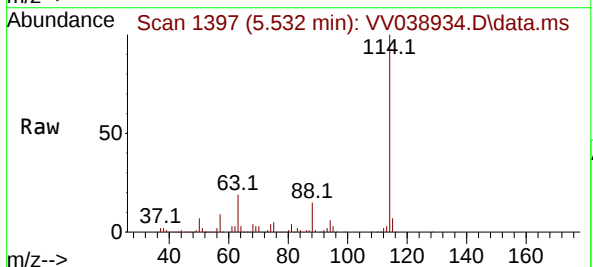
Tgt Ion: 114 Resp: 844365

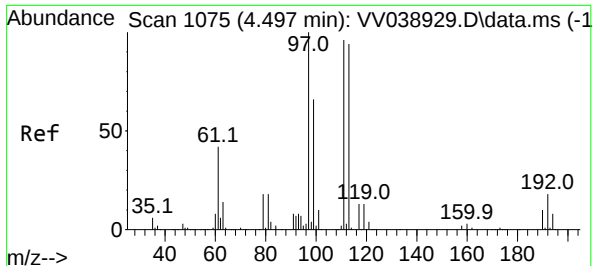
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.395 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVVV080825

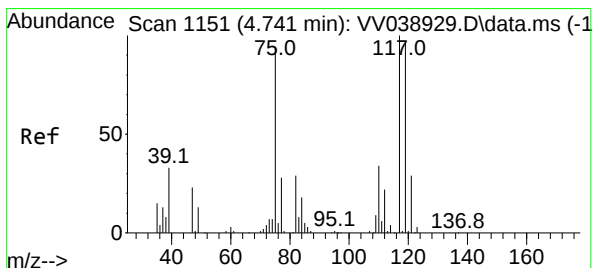
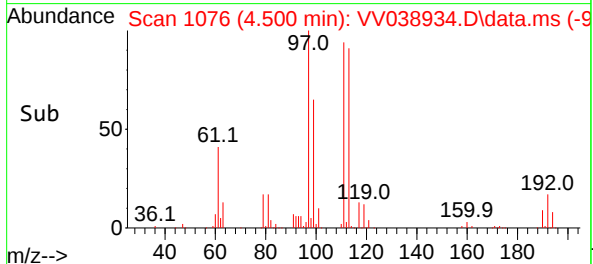
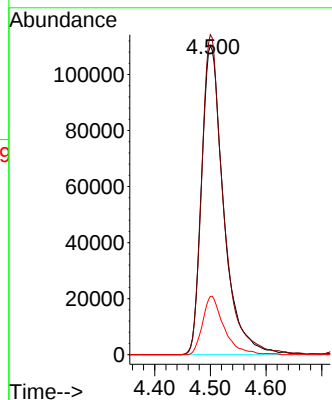
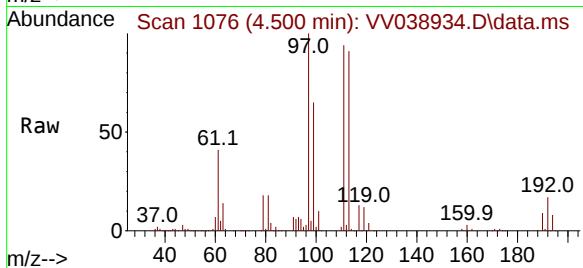
Tgt Ion:113 Resp: 303596

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 18.3 14.9 22.3



#36

1,1-Dichloropropene

Concen: 51.845 ug/l

RT: 4.747 min Scan# 1153

Delta R.T. 0.006 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

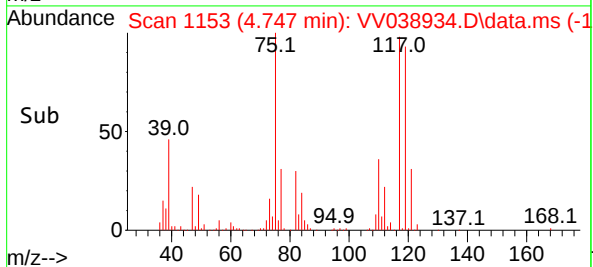
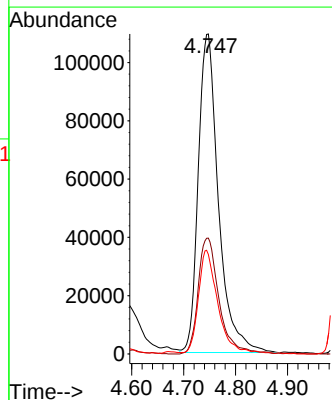
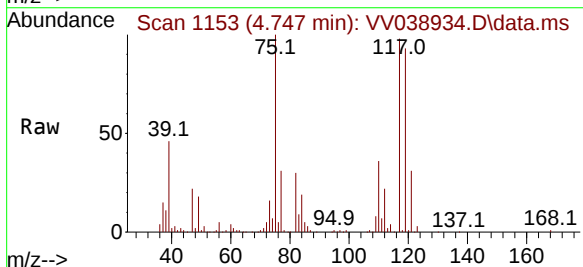
Tgt Ion: 75 Resp: 295280

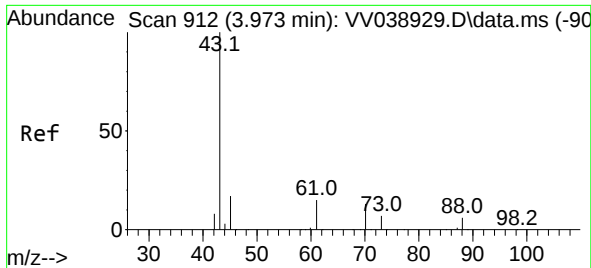
Ion Ratio Lower Upper

75 100

110 37.4 19.5 58.5

77 29.8 25.0 37.6

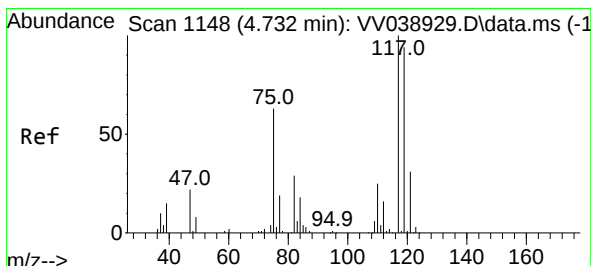
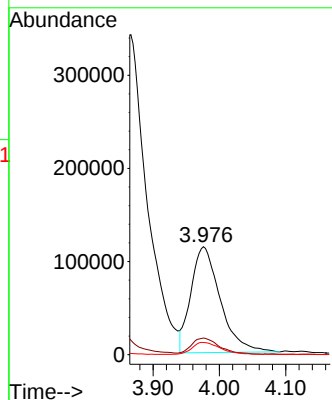
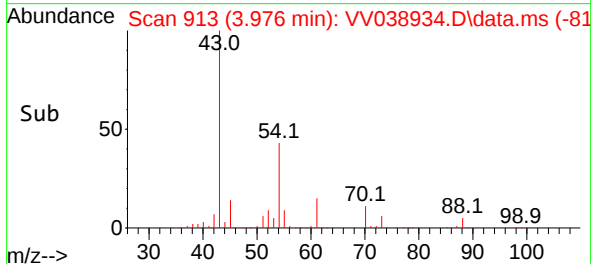
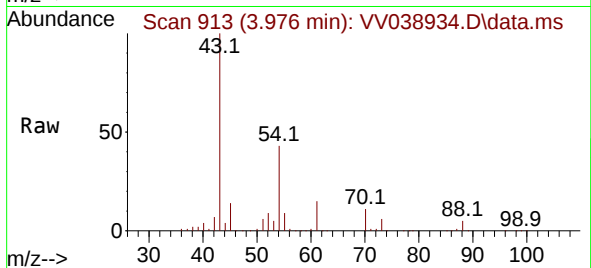




#37
Ethyl Acetate
Concen: 46.319 ug/l
RT: 3.976 min Scan# 912
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

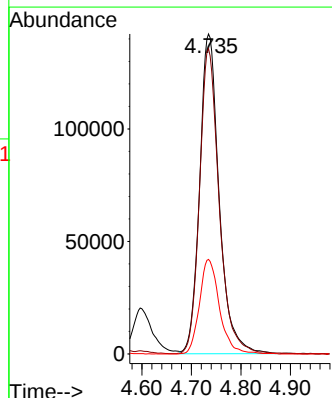
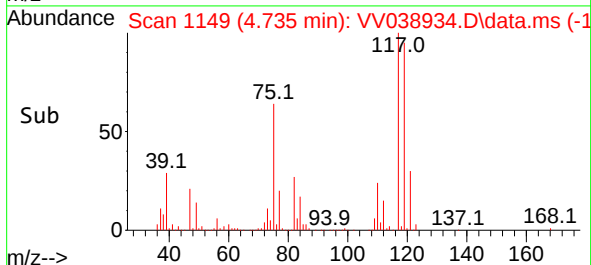
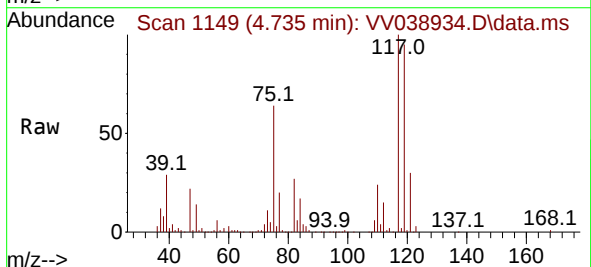
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

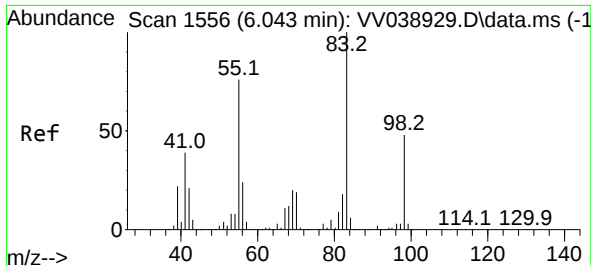
Tgt Ion: 43 Resp: 349499
Ion Ratio Lower Upper
43 100
61 14.8 12.0 18.0
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.858 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 117 Resp: 390113
Ion Ratio Lower Upper
117 100
119 95.3 74.9 112.3
121 29.6 24.6 36.8





#39

Methylcyclohexane

Concen: 53.565 ug/l

RT: 6.046 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVV080825

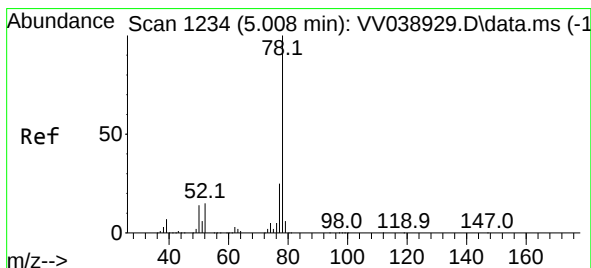
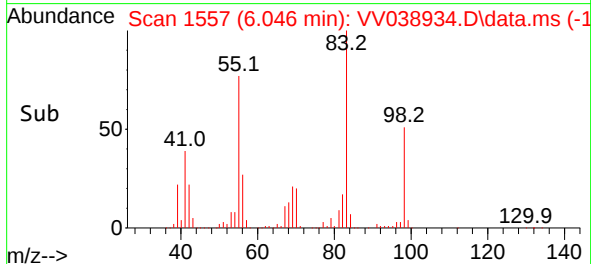
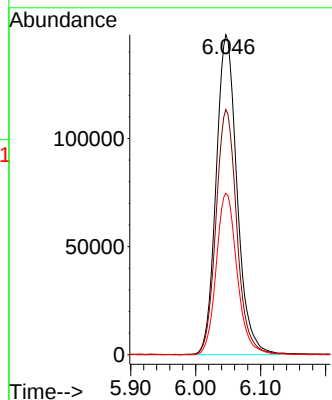
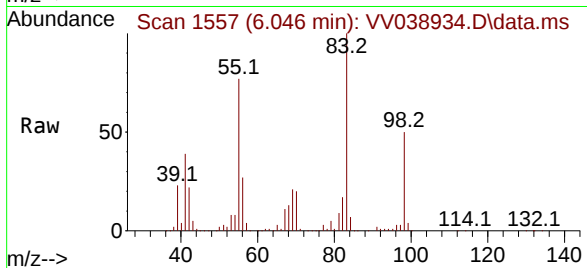
Tgt Ion: 83 Resp: 331111

Ion Ratio Lower Upper

83 100

55 76.6 60.8 91.2

98 50.5 38.6 57.8



#40

Benzene

Concen: 52.438 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VV038934.D

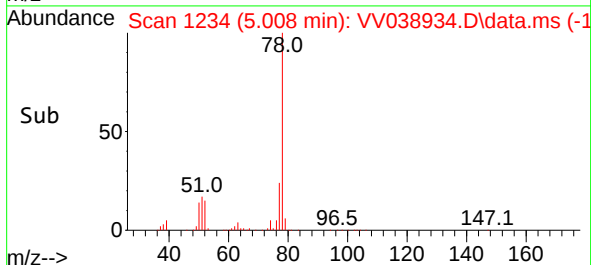
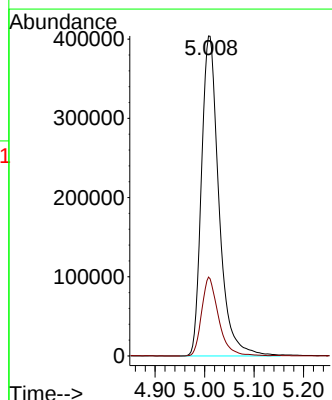
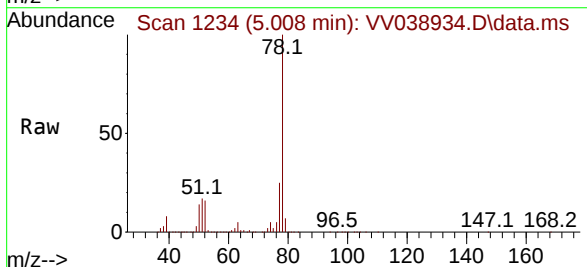
Acq: 08 Aug 2025 14:28

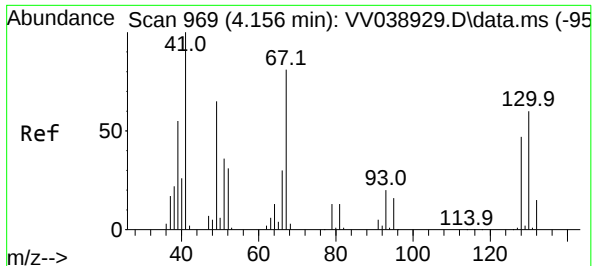
Tgt Ion: 78 Resp: 987538

Ion Ratio Lower Upper

78 100

77 24.7 19.6 29.4



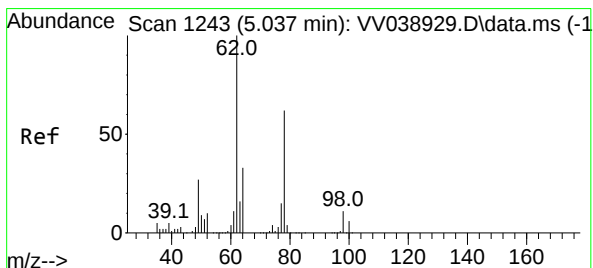
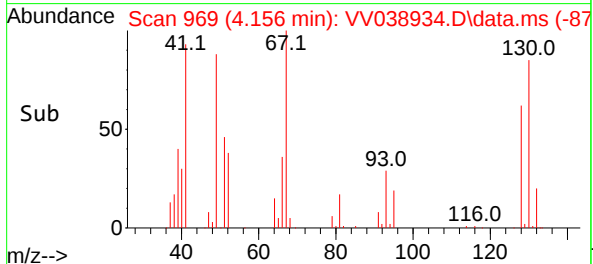
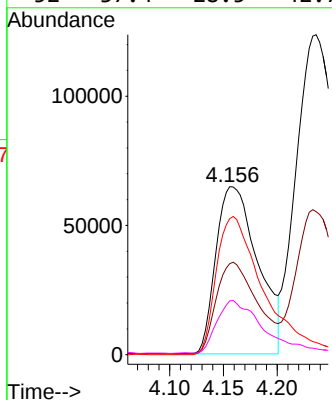
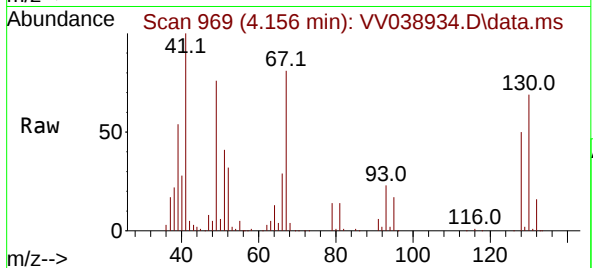


#41
Methacrylonitrile
Concen: 57.570 ug/l
RT: 4.156 min Scan# 969
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

Tgt Ion: 41 Resp: 175674

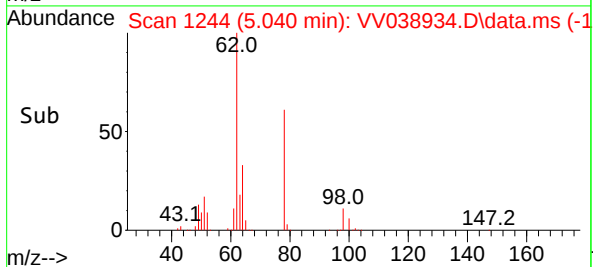
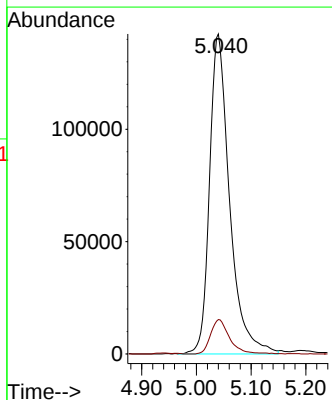
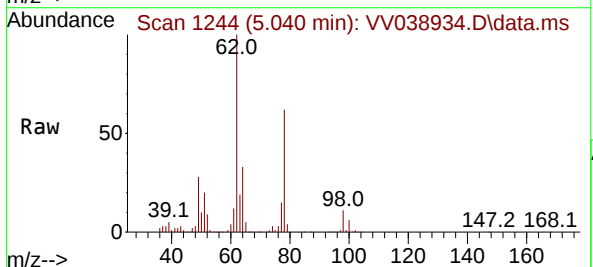
Ion	Ratio	Lower	Upper
41	100		
39	53.6	41.8	62.6
67	95.1	72.6	109.0
52	37.4	28.5	42.7

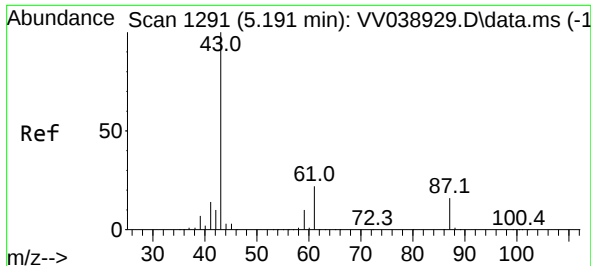


#42
1,2-Dichloroethane
Concen: 49.690 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 62 Resp: 362829

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6

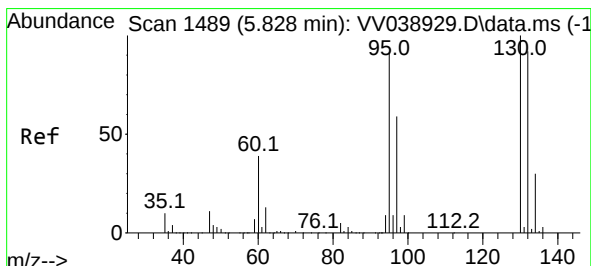
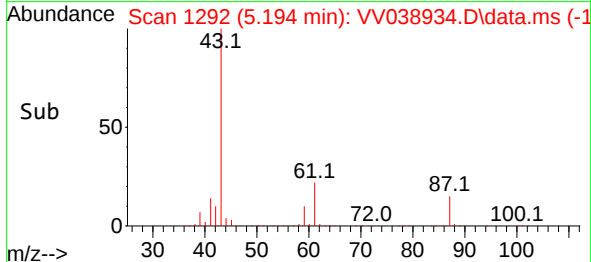
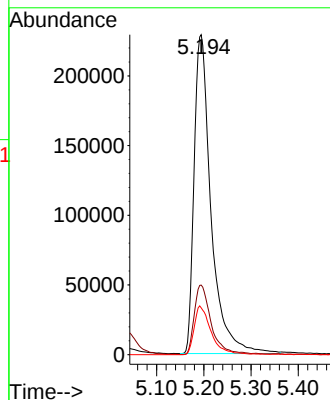
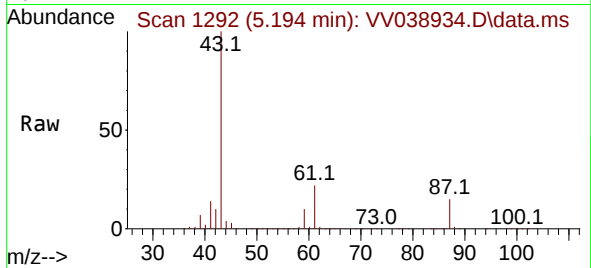




#43
Isopropyl Acetate
Concen: 54.390 ug/l
RT: 5.194 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

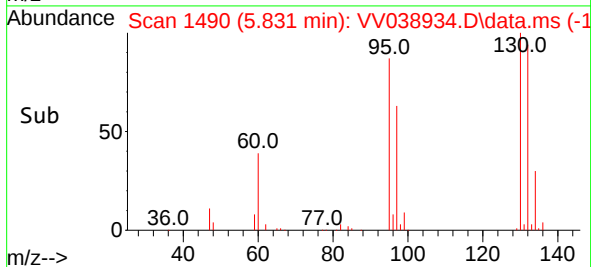
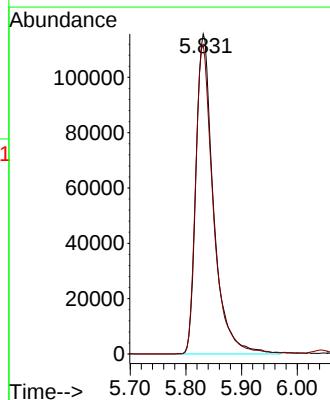
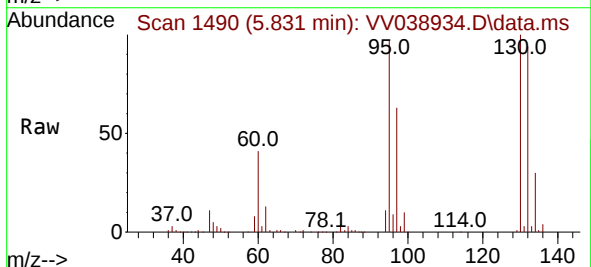
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

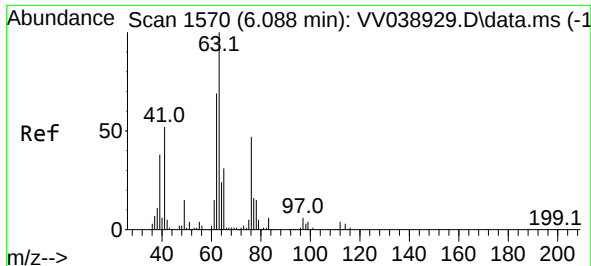
Tgt Ion: 43 Resp: 570170
Ion Ratio Lower Upper
43 100
61 21.6 17.0 25.6
87 15.1 12.2 18.4



#44
Trichloroethene
Concen: 50.467 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion:130 Resp: 253281
Ion Ratio Lower Upper
130 100
95 96.4 0.0 181.2





#45

1,2-Dichloropropane

Concen: 51.890 ug/l

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

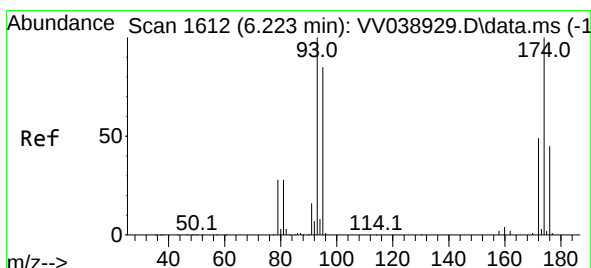
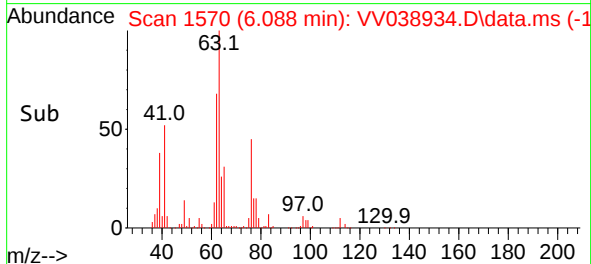
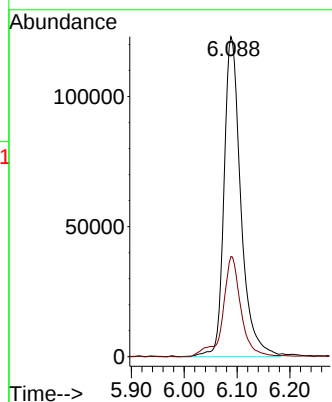
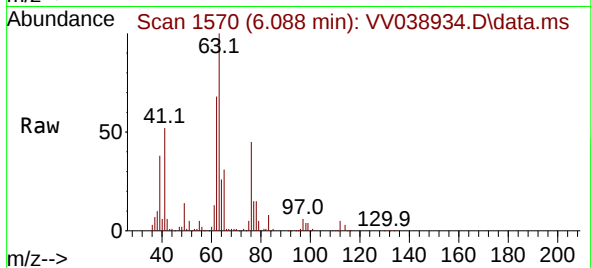
ICVVV080825

Tgt Ion: 63 Resp: 272334

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



#46

Dibromomethane

Concen: 51.935 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

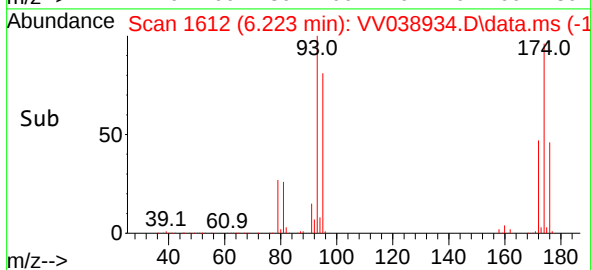
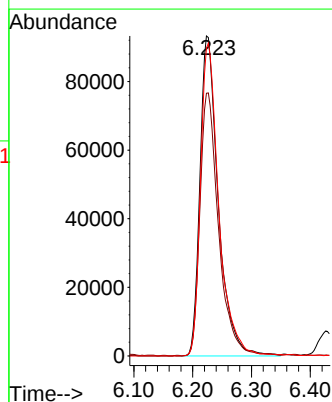
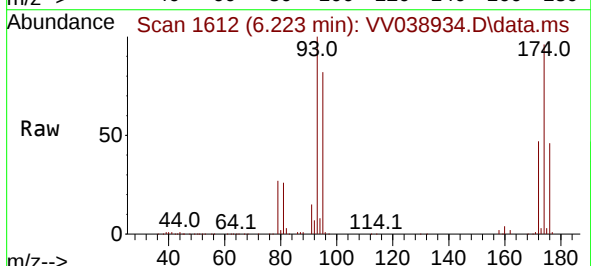
Tgt Ion: 93 Resp: 201771

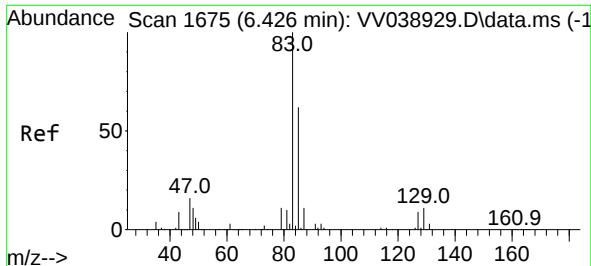
Ion Ratio Lower Upper

93 100

95 83.1 67.8 101.6

174 97.3 77.4 116.0

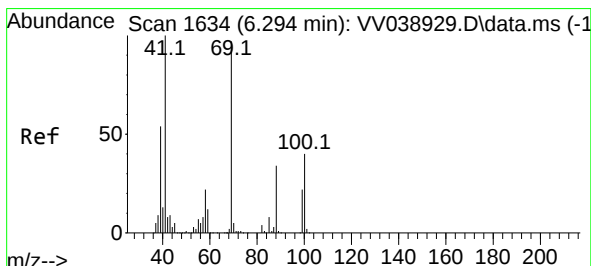
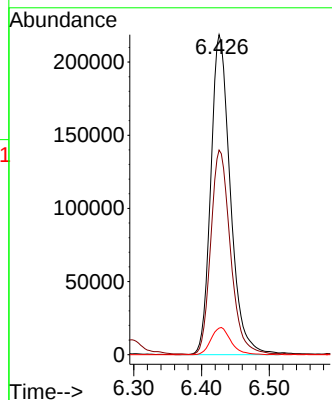
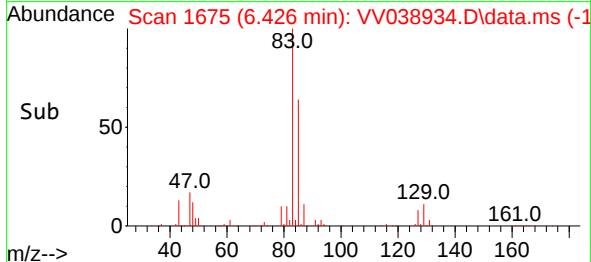
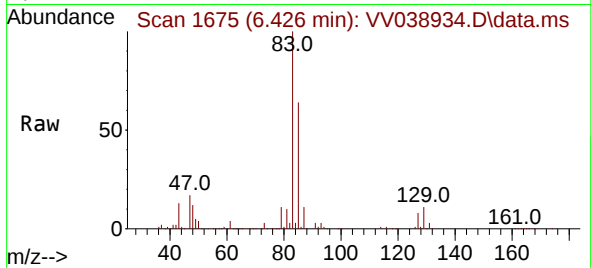




#47
Bromodichloromethane
Concen: 50.769 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

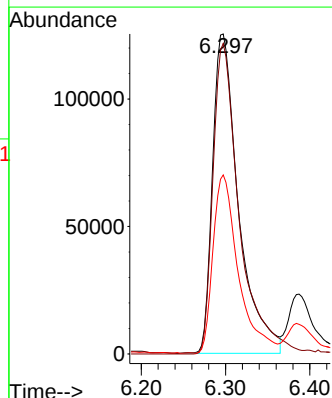
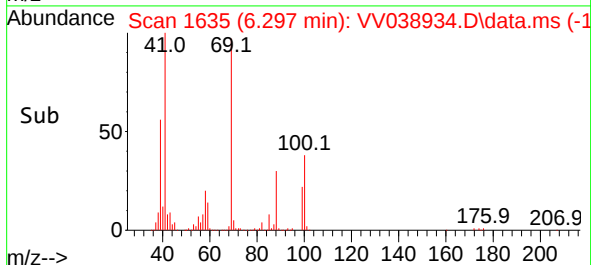
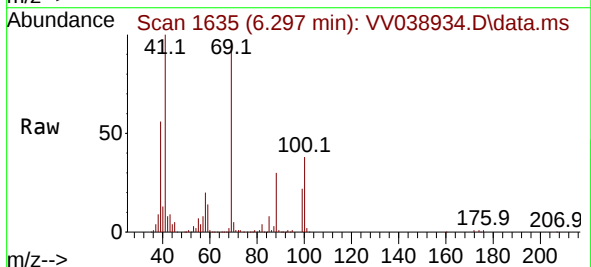
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

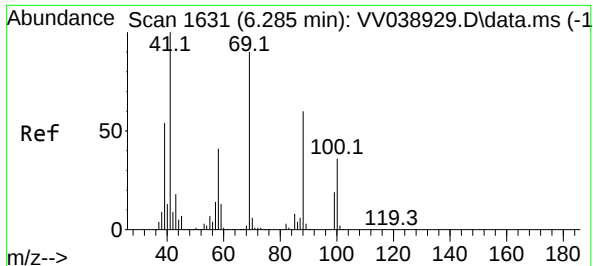
Tgt Ion: 83 Resp: 438213
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 57.785 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 41 Resp: 268233
Ion Ratio Lower Upper
41 100
69 98.4 78.4 117.6
39 54.2 43.3 64.9





#49

1,4-Dioxane

Concen: 1082.594 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVV080825

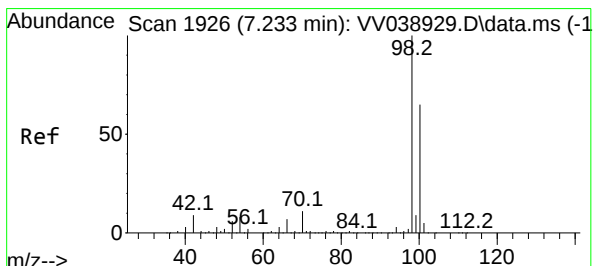
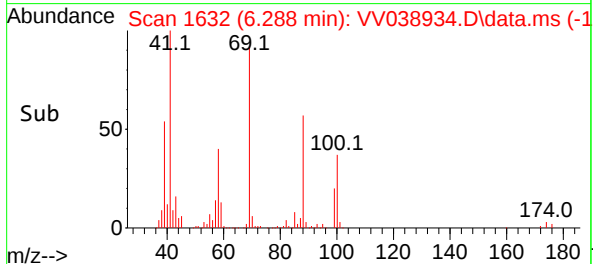
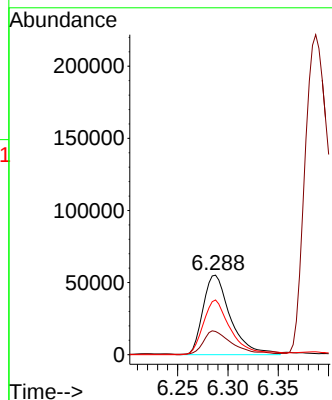
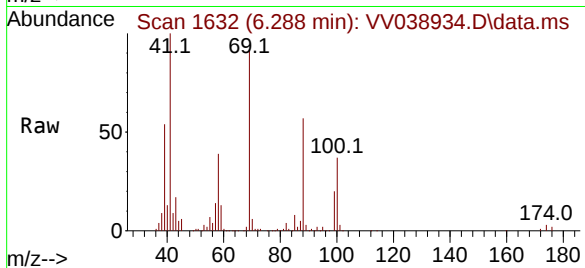
Tgt Ion: 88 Resp: 104741

Ion Ratio Lower Upper

88 100

43 30.0 24.2 36.2

58 68.8 55.4 83.2



#50

Toluene-d8

Concen: 48.982 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV038934.D

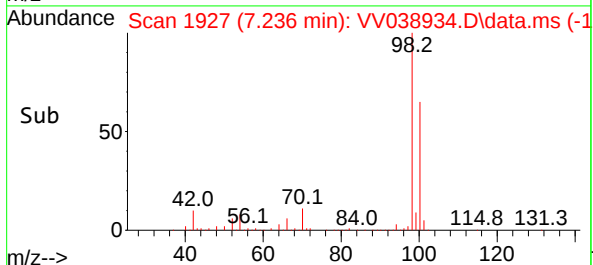
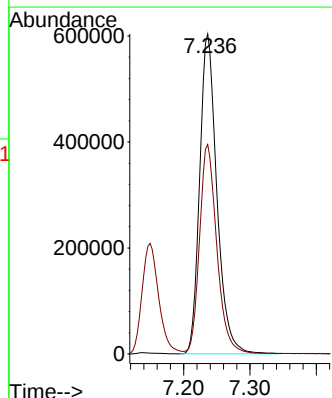
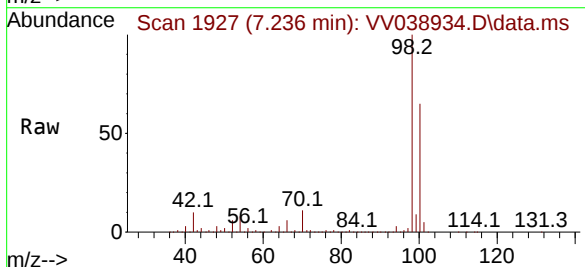
Acq: 08 Aug 2025 14:28

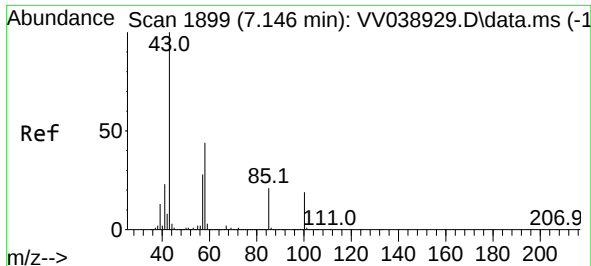
Tgt Ion: 98 Resp: 1086667

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 284.440 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

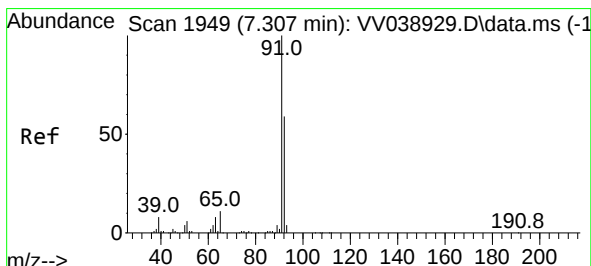
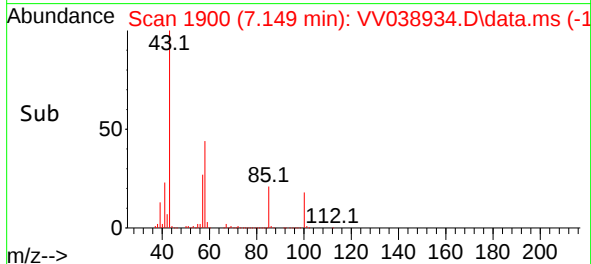
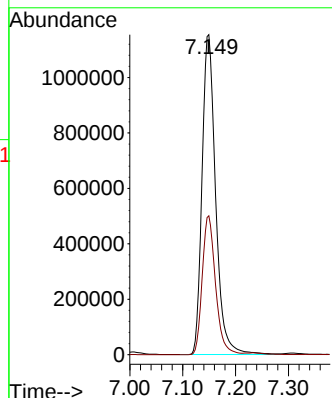
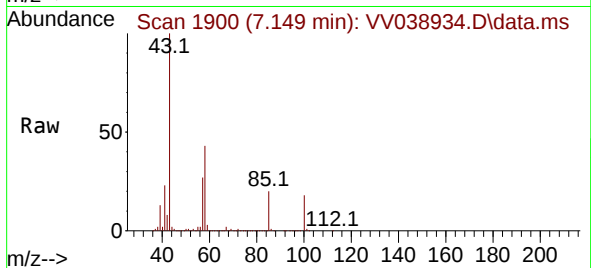
ICVVV080825

Tgt Ion: 43 Resp: 2065470

Ion Ratio Lower Upper

43 100

58 42.4 34.2 51.2



#52

Toluene

Concen: 55.897 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038934.D

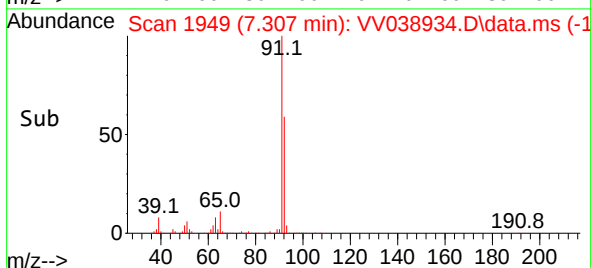
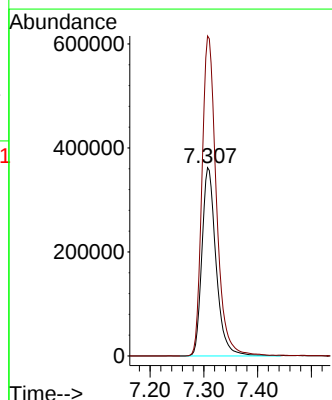
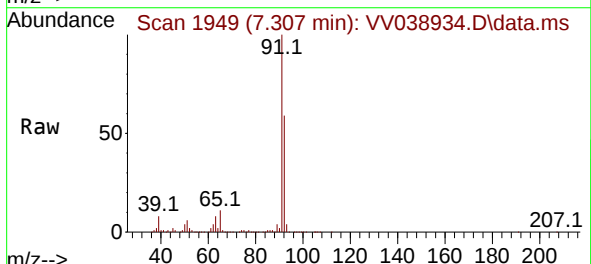
Acq: 08 Aug 2025 14:28

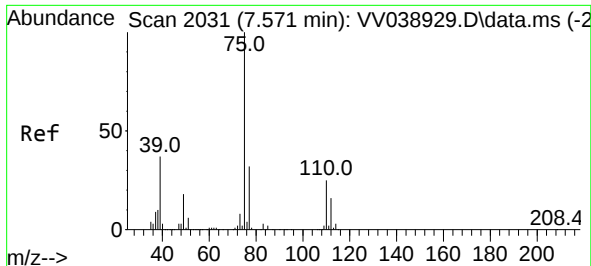
Tgt Ion: 92 Resp: 663229

Ion Ratio Lower Upper

92 100

91 172.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 55.477 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

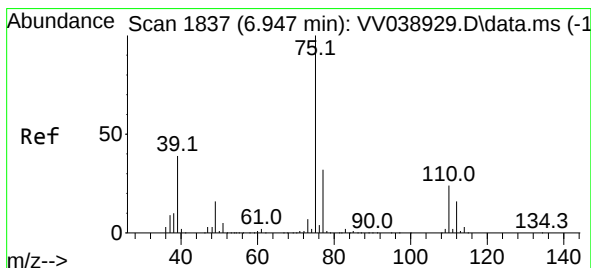
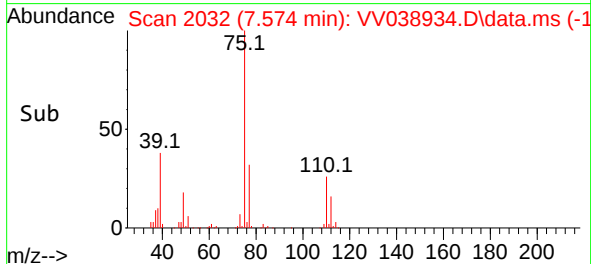
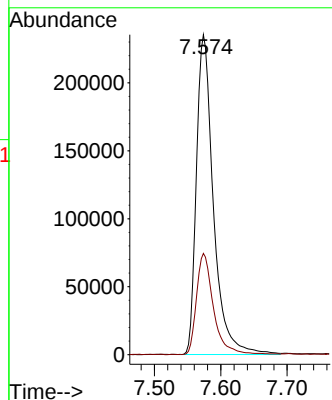
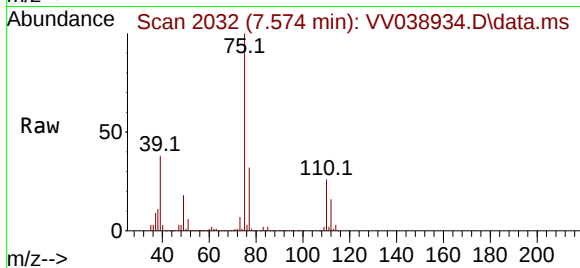
ICVVV080825

Tgt Ion: 75 Resp: 418914

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 54.018 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

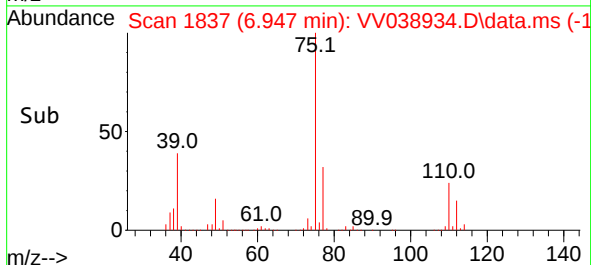
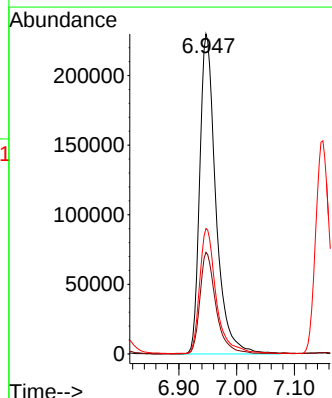
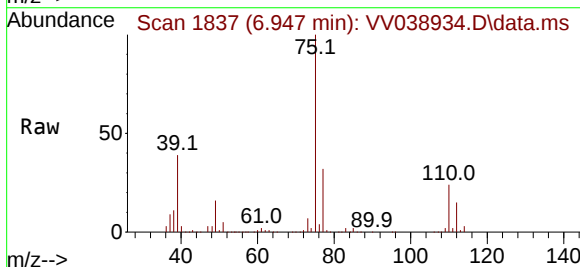
Tgt Ion: 75 Resp: 445316

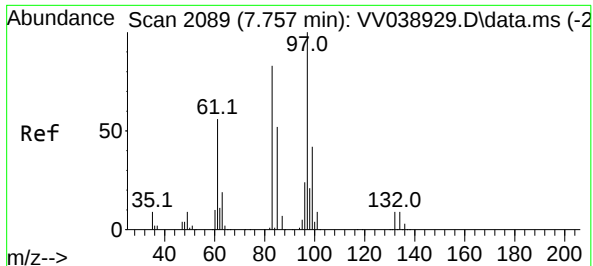
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 39.0 31.6 47.4



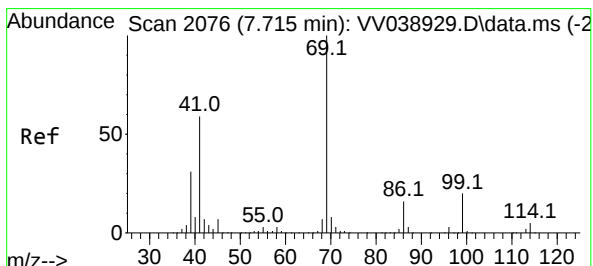
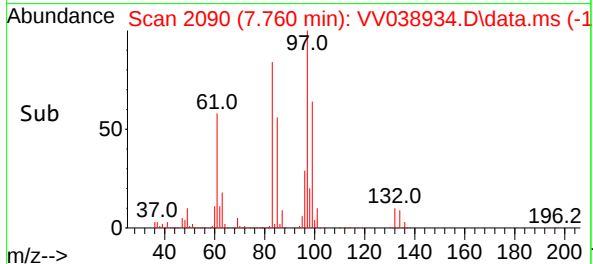
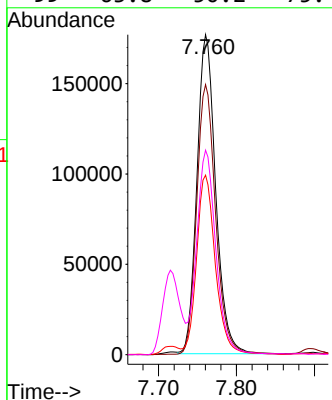
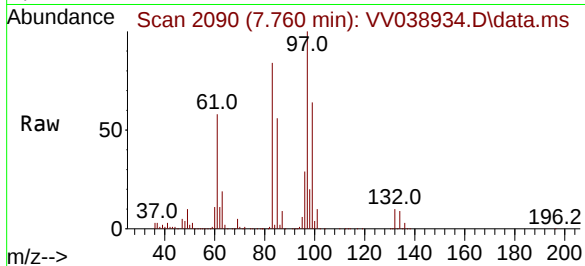


#55
 1,1,2-Trichloroethane
 Concen: 50.867 ug/l
 RT: 7.760 min Scan# 2089
 Delta R.T. 0.003 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

Instrument : MSVOA_V
 ClientSampleId : ICVV080825

Tgt Ion: 97 Resp: 295351

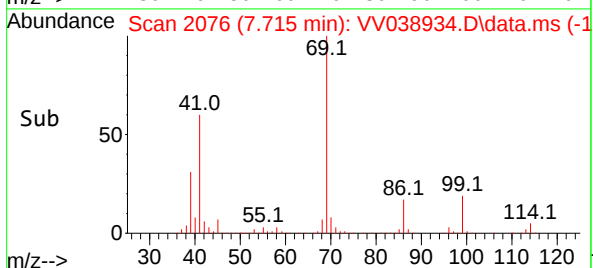
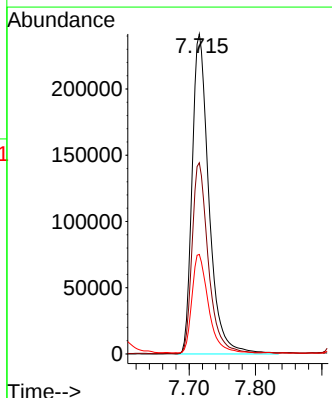
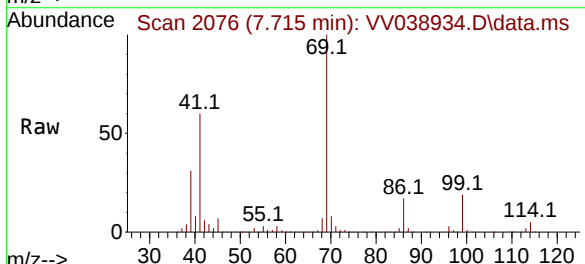
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.2	99.4
85	56.1	42.9	64.3
99	63.8	50.2	75.4

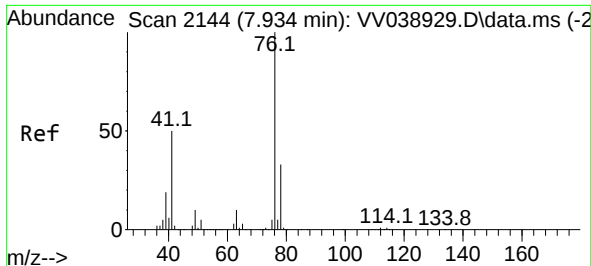


#56
 Ethyl methacrylate
 Concen: 50.965 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

Tgt Ion: 69 Resp: 424671

Ion	Ratio	Lower	Upper
69	100		
41	58.1	45.8	68.8
39	30.1	23.4	35.0

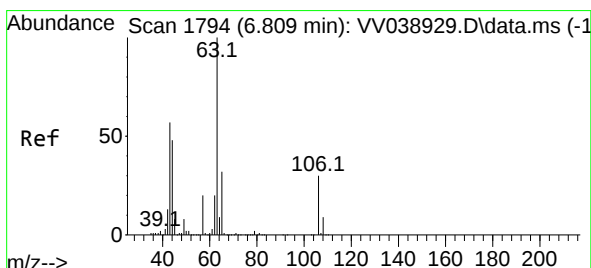
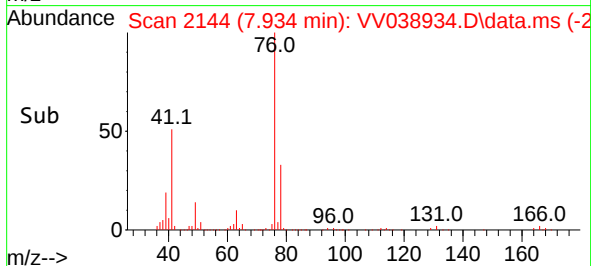
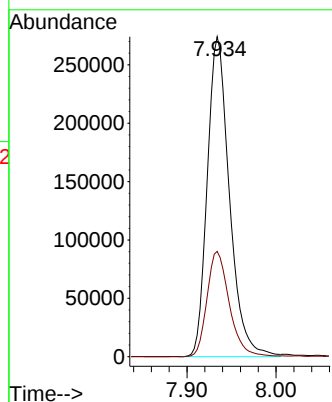
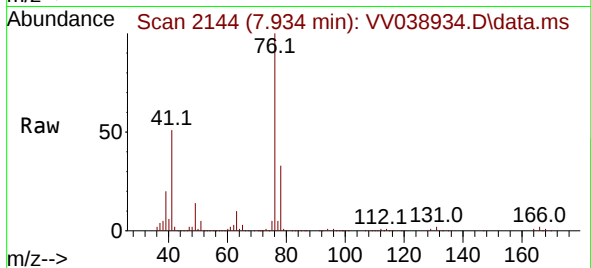




#57
1,3-Dichloropropane
Concen: 53.241 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

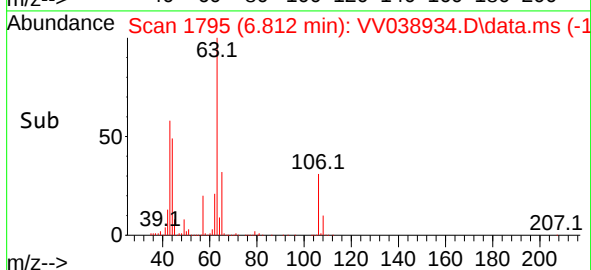
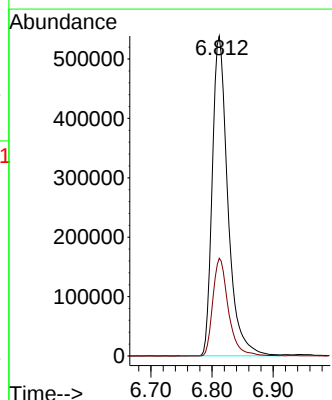
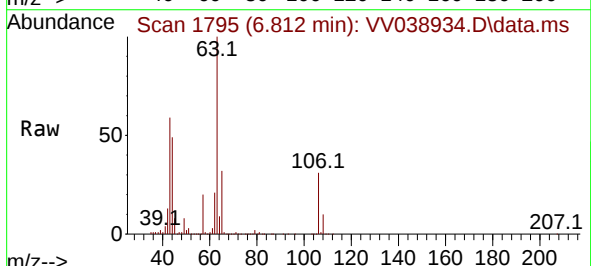
Instrument : MSVOA_V
ClientSampleId : ICVV080825

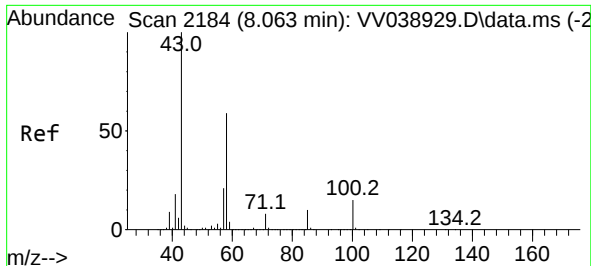
Tgt Ion: 76 Resp: 472862
Ion Ratio Lower Upper
76 100
78 33.2 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 280.034 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 63 Resp: 954070
Ion Ratio Lower Upper
63 100
106 30.5 24.1 36.1

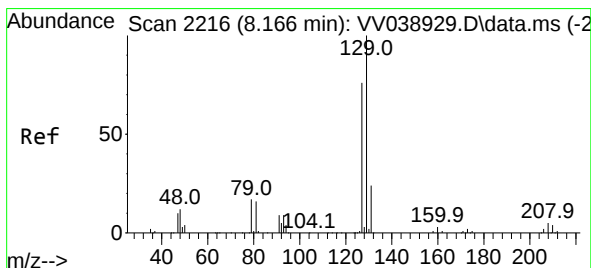
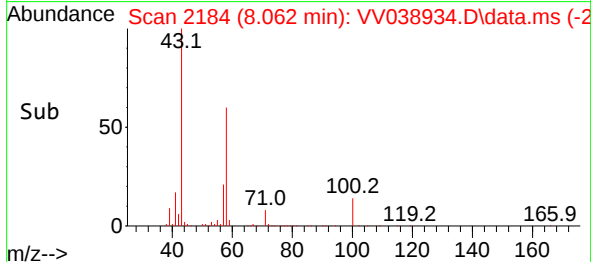
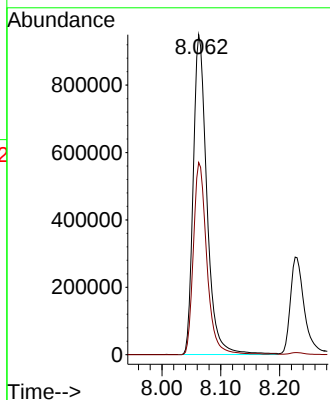
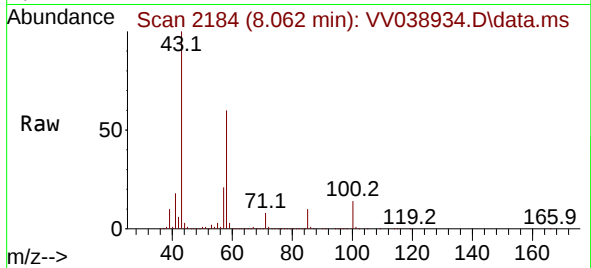




#59
2-Hexanone
Concen: 291.952 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

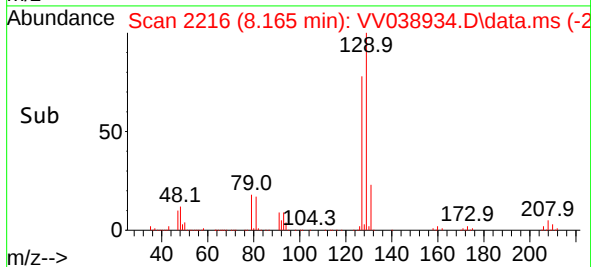
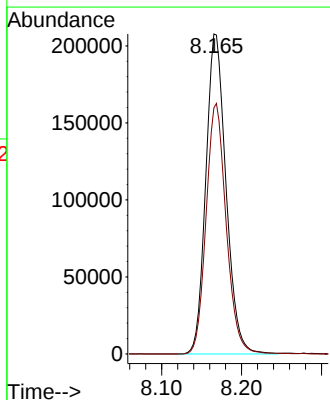
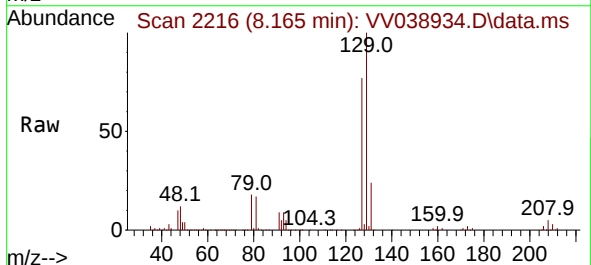
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

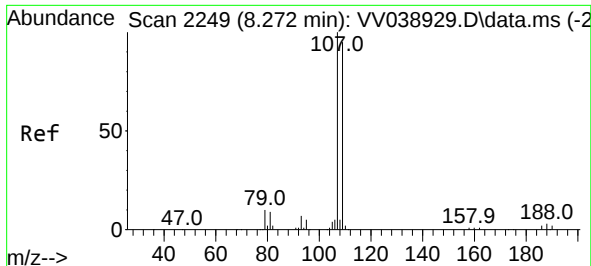
Tgt Ion: 43 Resp: 1530268
Ion Ratio Lower Upper
43 100
58 59.3 29.3 87.8



#60
Dibromochloromethane
Concen: 51.290 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion:129 Resp: 364666
Ion Ratio Lower Upper
129 100
127 77.9 38.2 114.6

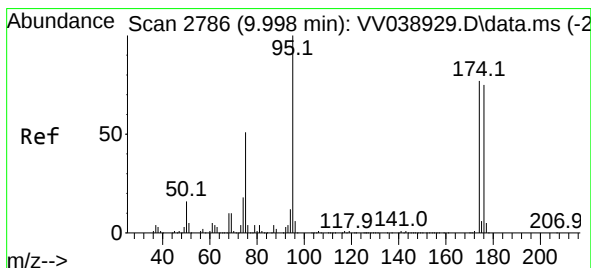
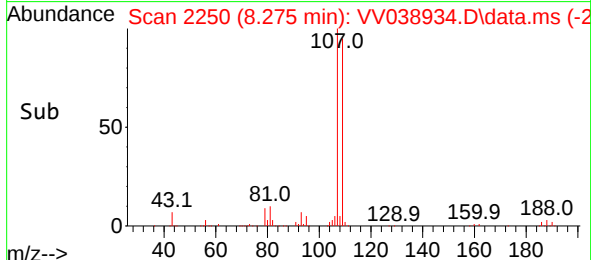
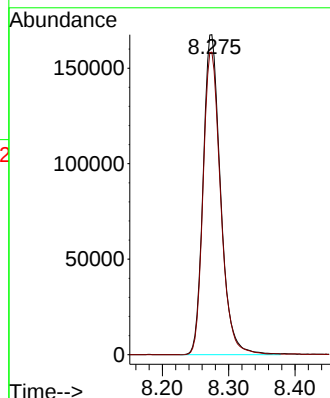
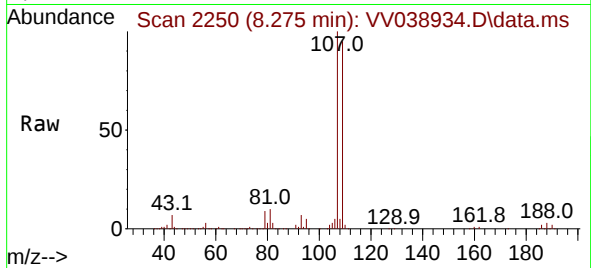




#61
1,2-Dibromoethane
Concen: 53.164 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

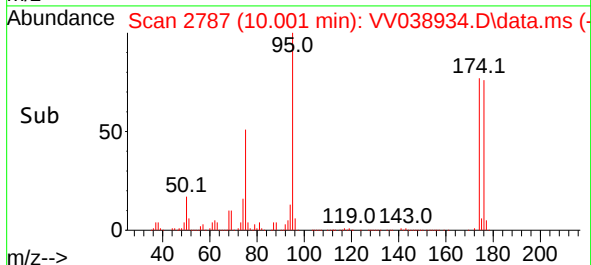
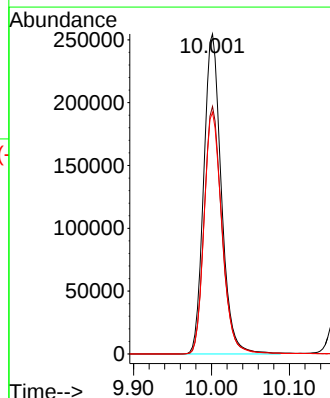
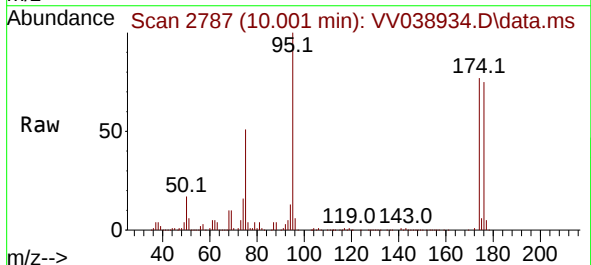
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

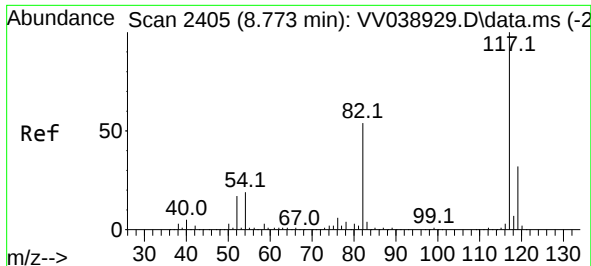
Tgt Ion:107 Resp: 306436
Ion Ratio Lower Upper
107 100
109 95.1 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 49.841 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 95 Resp: 398224
Ion Ratio Lower Upper
95 100
174 77.8 0.0 156.6
176 76.9 0.0 153.0

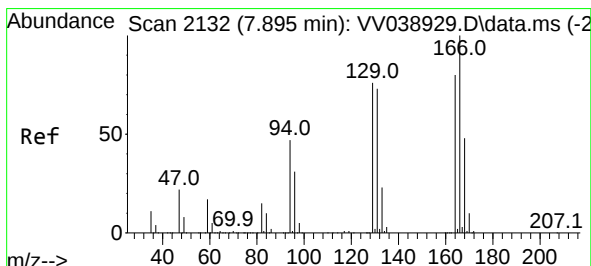
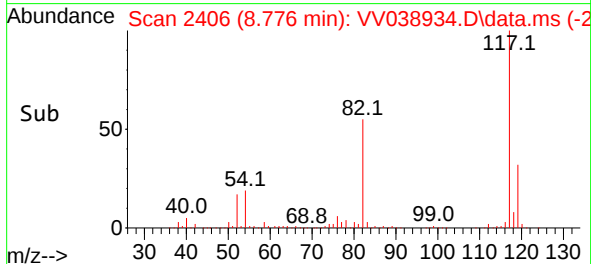
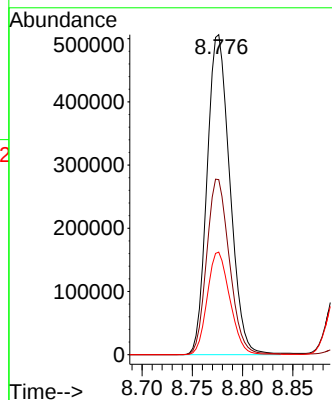
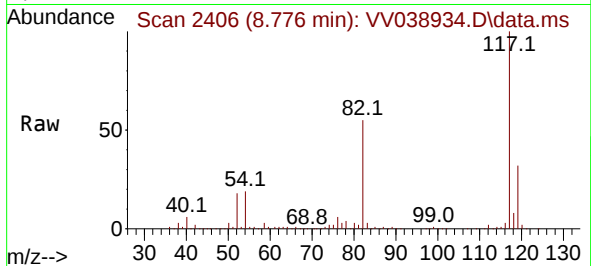




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

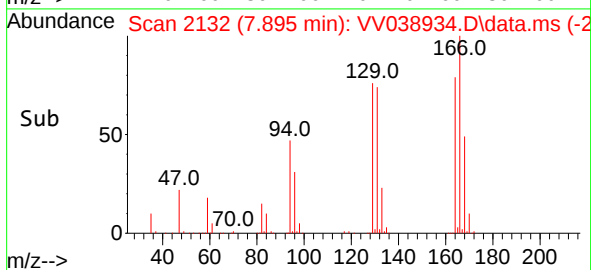
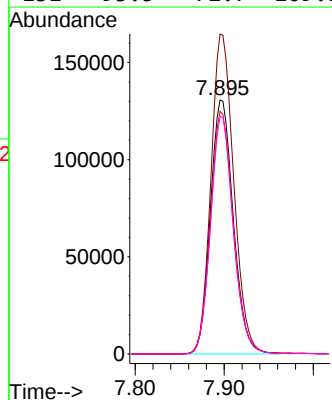
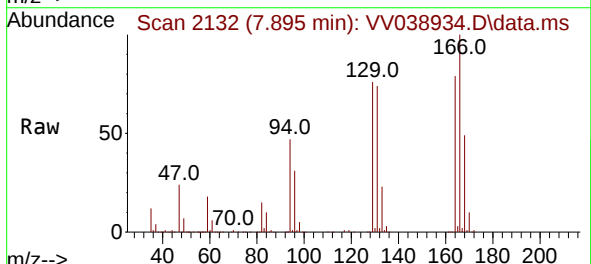
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

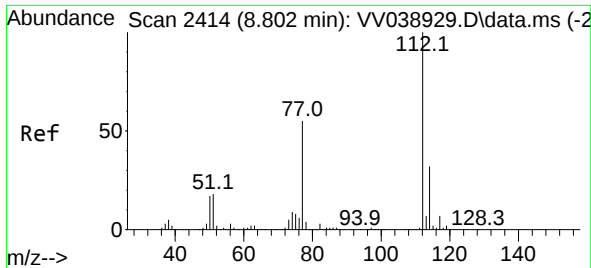
Tgt Ion:117 Resp: 798716
Ion Ratio Lower Upper
117 100
82 54.7 43.2 64.8
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 49.903 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion:164 Resp: 233931
Ion Ratio Lower Upper
164 100
166 126.0 100.2 150.4
129 95.5 76.7 115.1
131 93.5 72.7 109.1

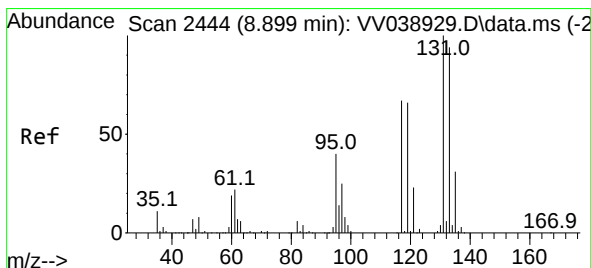
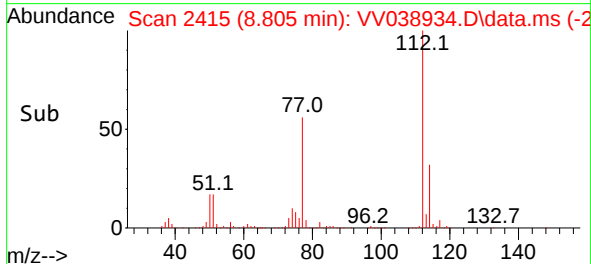
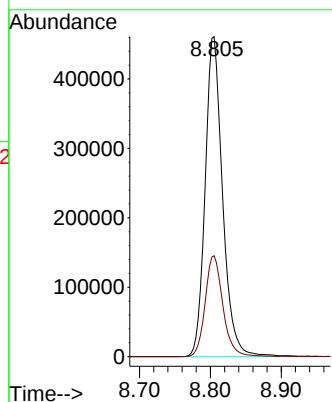
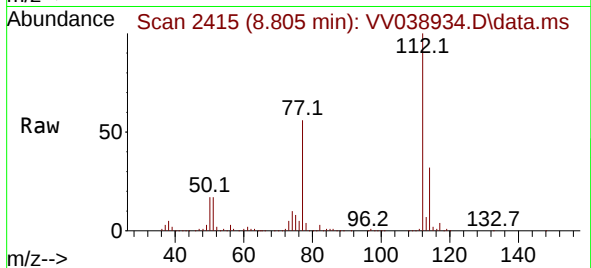




#65
Chlorobenzene
Concen: 50.436 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

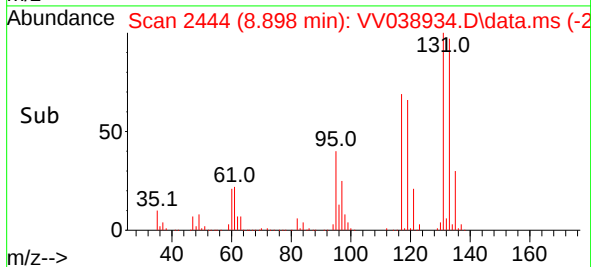
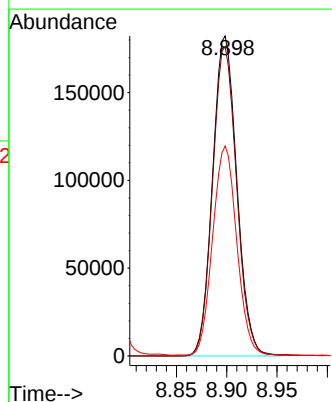
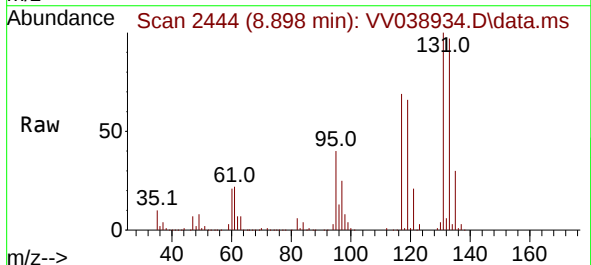
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

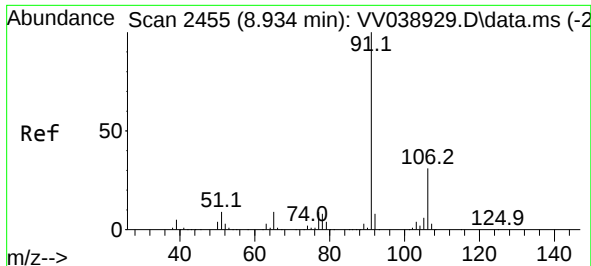
Tgt Ion:112 Resp: 787493
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.882 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion:131 Resp: 306342
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 65.4 32.8 98.3





#67

Ethyl Benzene

Concen: 56.494 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

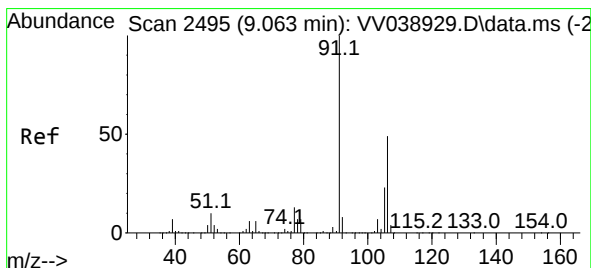
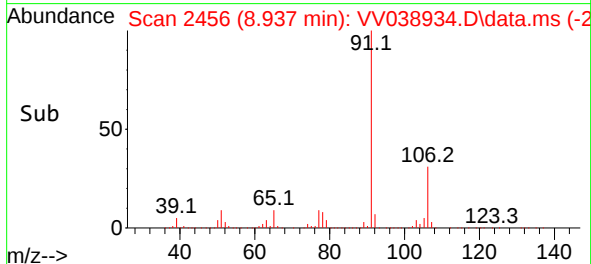
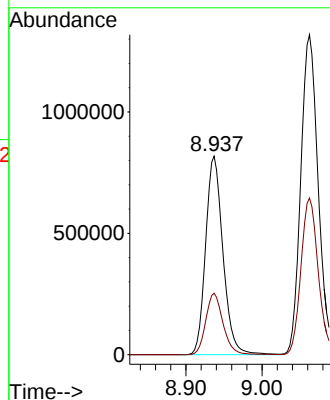
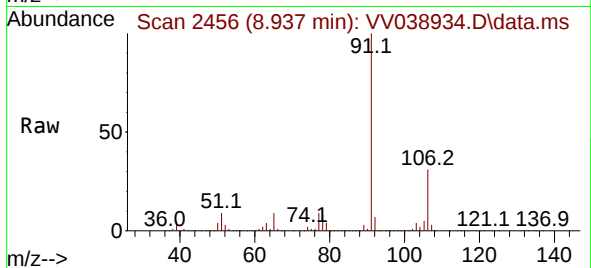
ICVVV080825

Tgt Ion: 91 Resp: 1295577

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 116.363 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038934.D

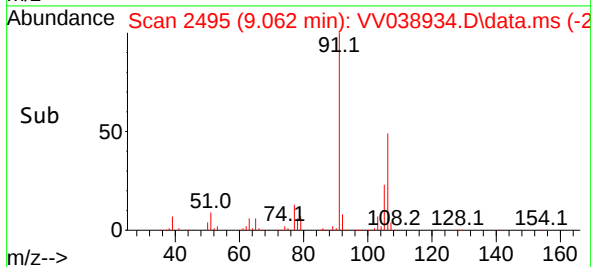
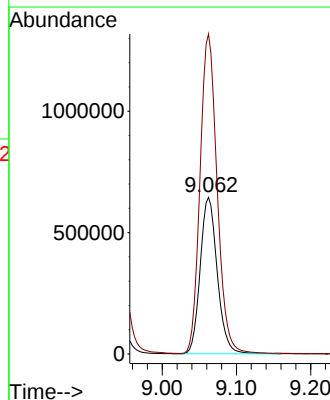
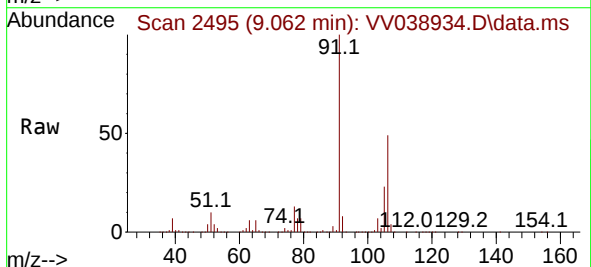
Acq: 08 Aug 2025 14:28

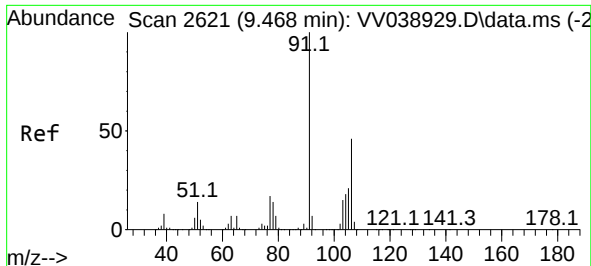
Tgt Ion:106 Resp: 1028454

Ion Ratio Lower Upper

106 100

91 204.5 163.4 245.2

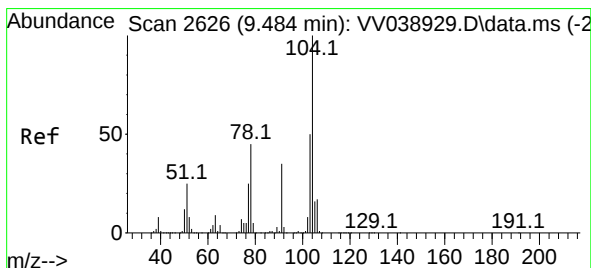
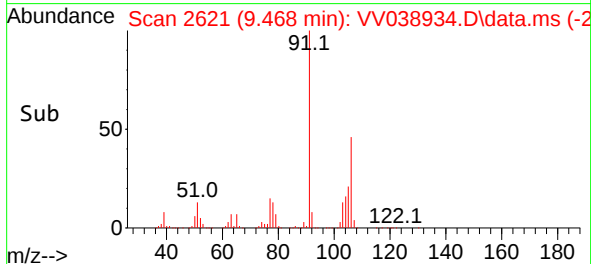
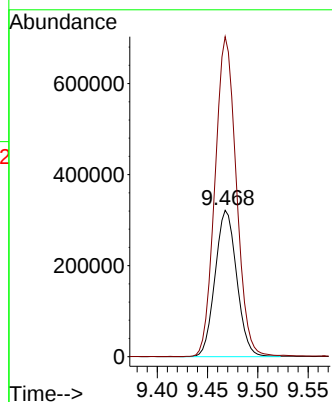
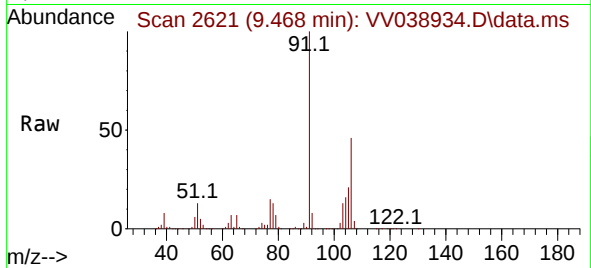




#69
o-Xylene
Concen: 57.825 ug/l
RT: 9.468 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

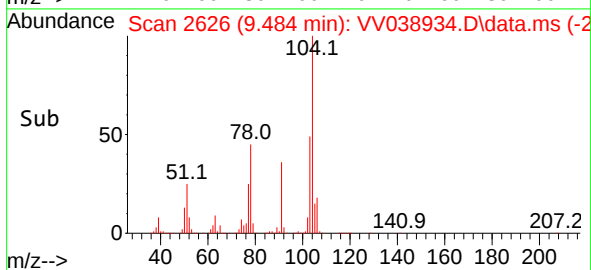
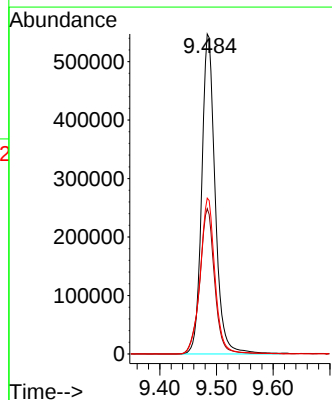
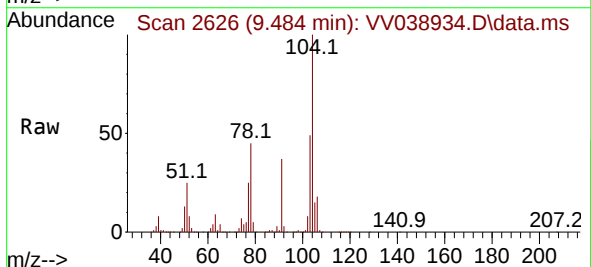
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

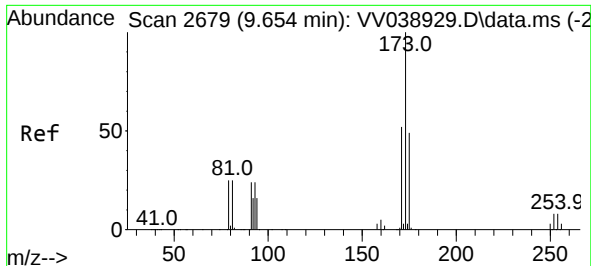
Tgt Ion:106 Resp: 480585
Ion Ratio Lower Upper
106 100
91 216.3 109.1 327.3



#70
Styrene
Concen: 60.360 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion:104 Resp: 903177
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 53.7 43.8 65.6

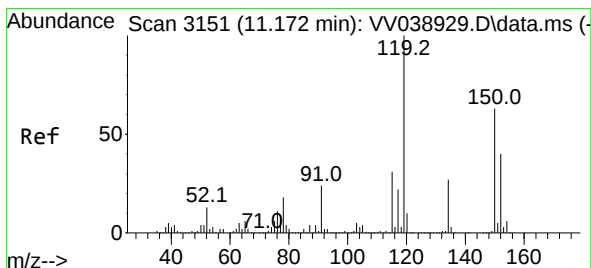
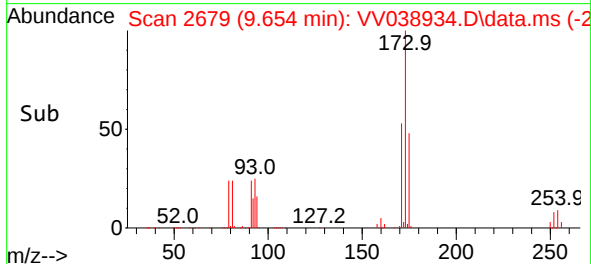
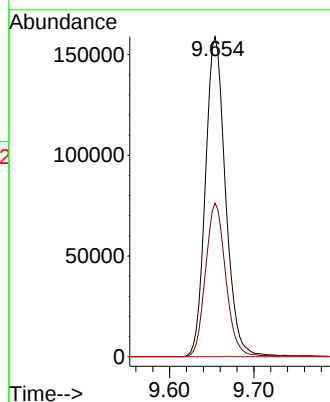
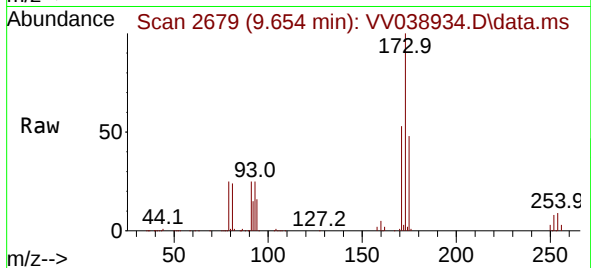




#71
Bromoform
Concen: 51.139 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

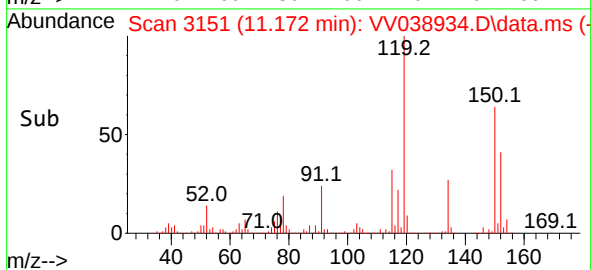
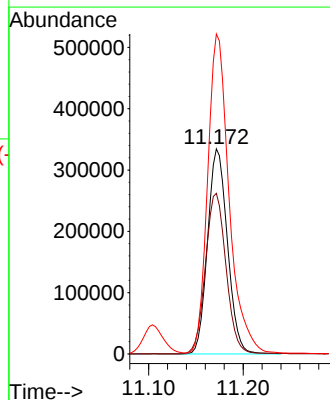
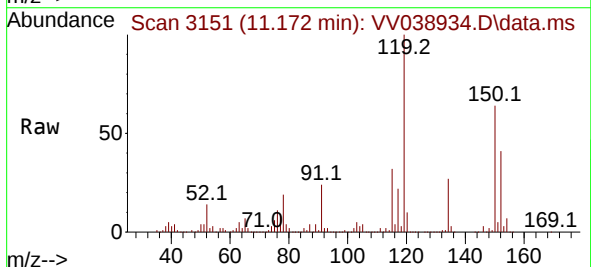
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

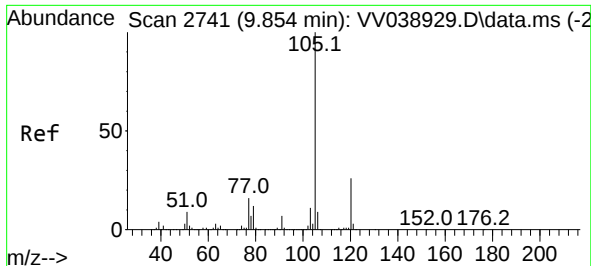
Tgt Ion:173 Resp: 263915
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion:152 Resp: 488313
Ion Ratio Lower Upper
152 100
115 81.0 41.0 123.2
150 168.0 0.0 345.4

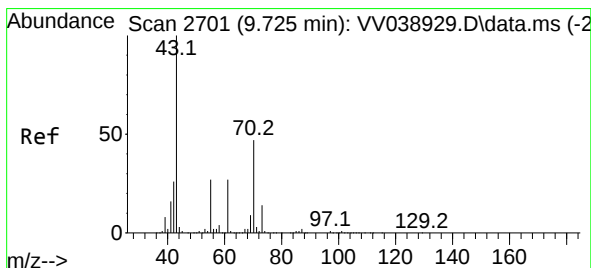
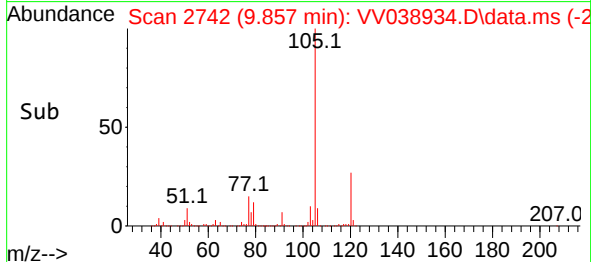
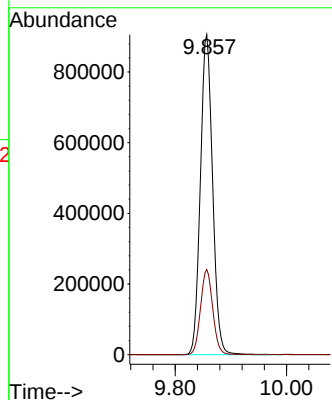
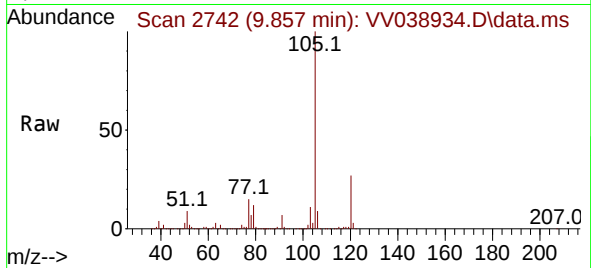




#73
Isopropylbenzene
Concen: 54.073 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

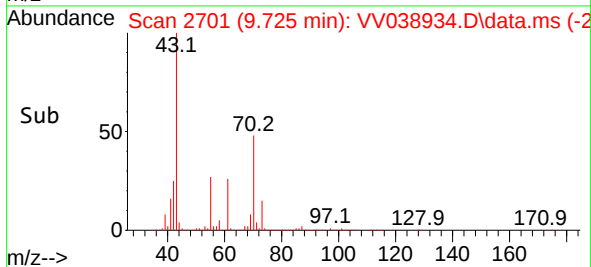
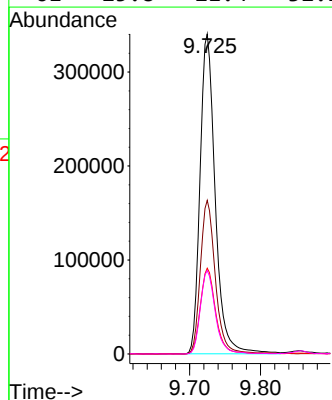
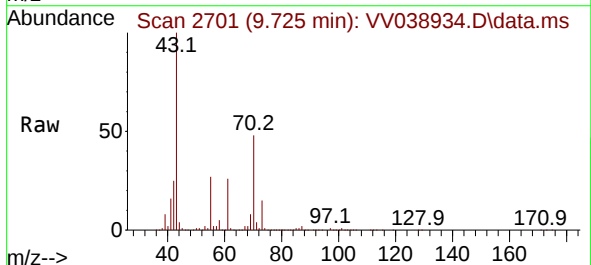
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

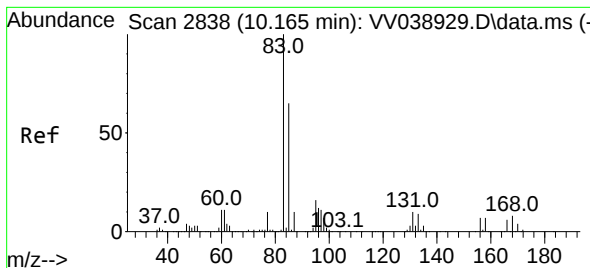
Tgt Ion:105 Resp: 1378193
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8



#74
N-ethyl acetate
Concen: 56.569 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 43 Resp: 506678
Ion Ratio Lower Upper
43 100
70 47.5 37.4 56.0
55 27.0 22.1 33.1
61 25.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.441 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVV080825

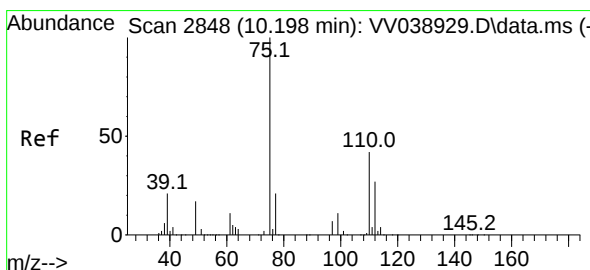
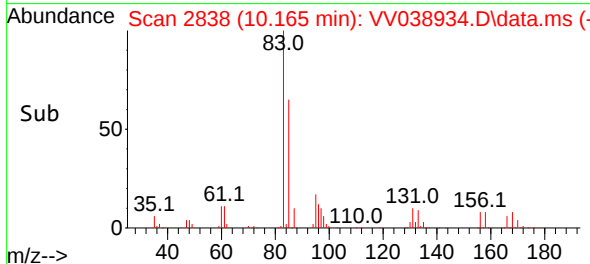
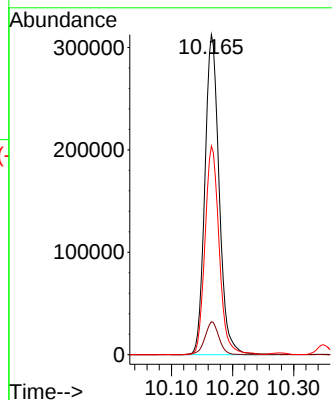
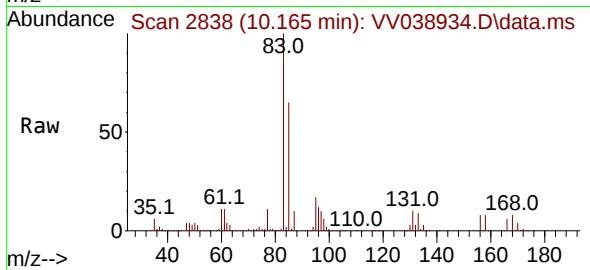
Tgt Ion: 83 Resp: 506093

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.8 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 47.757 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038934.D

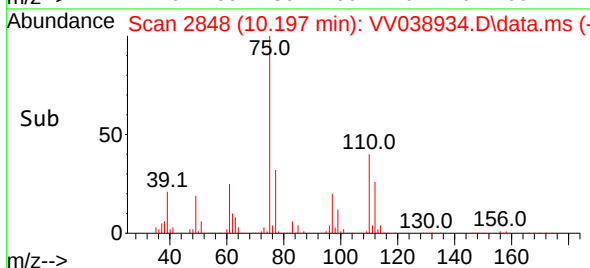
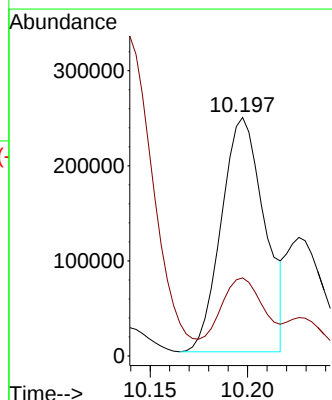
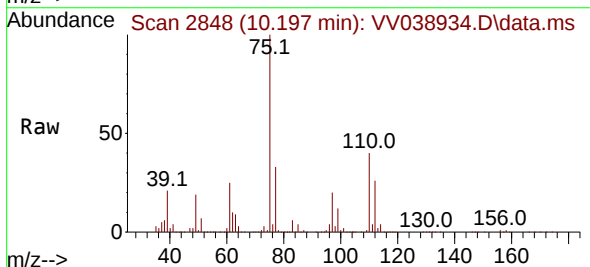
Acq: 08 Aug 2025 14:28

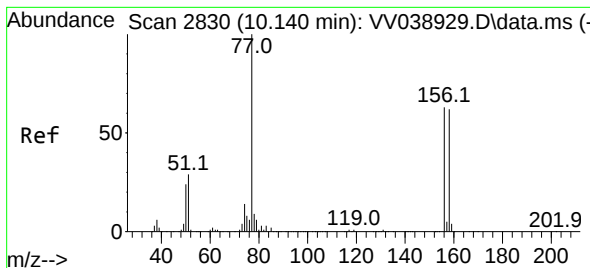
Tgt Ion: 75 Resp: 381030

Ion Ratio Lower Upper

75 100

77 23.6 11.9 35.9





#77

Bromobenzene

Concen: 50.424 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVV080825

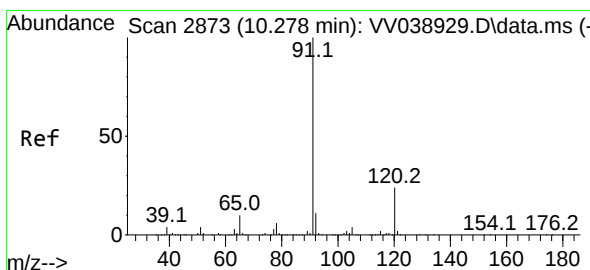
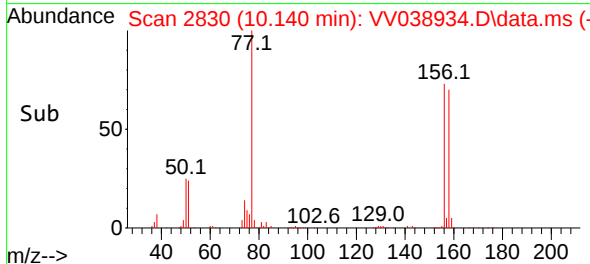
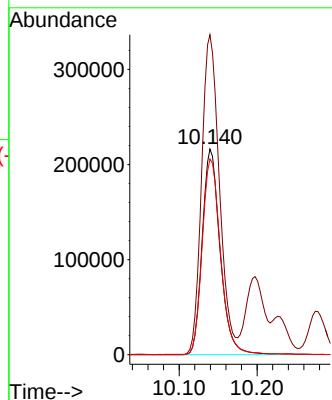
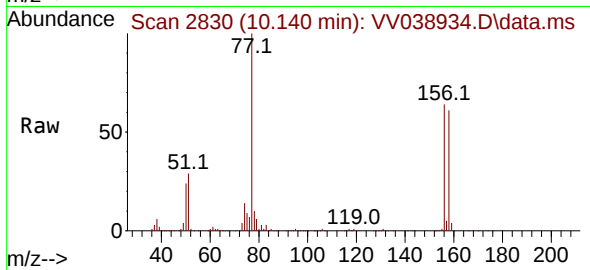
Tgt Ion:156 Resp: 345006

Ion Ratio Lower Upper

156 100

77 154.8 78.8 236.5

158 97.9 49.6 148.8



#78

n-propylbenzene

Concen: 55.884 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038934.D

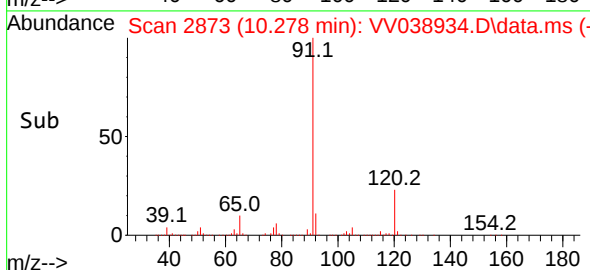
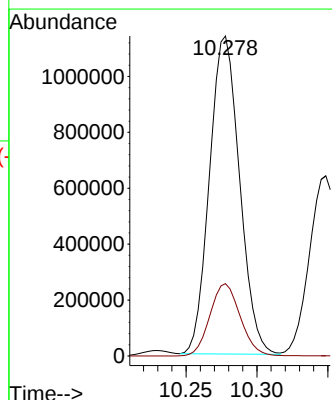
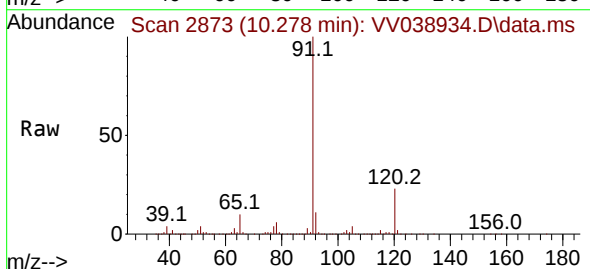
Acq: 08 Aug 2025 14:28

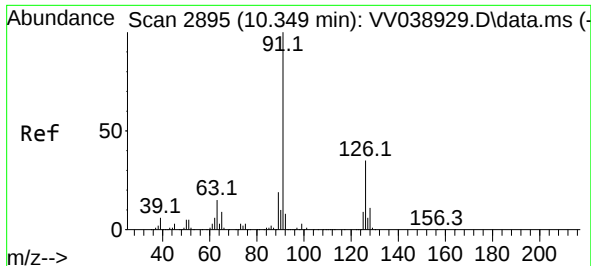
Tgt Ion: 91 Resp: 1680321

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.7

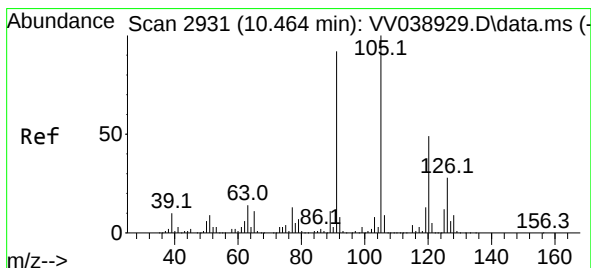
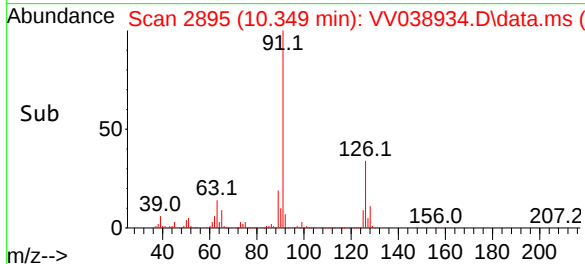
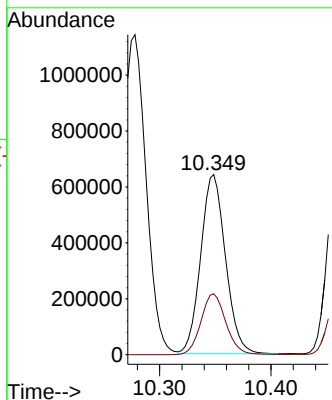
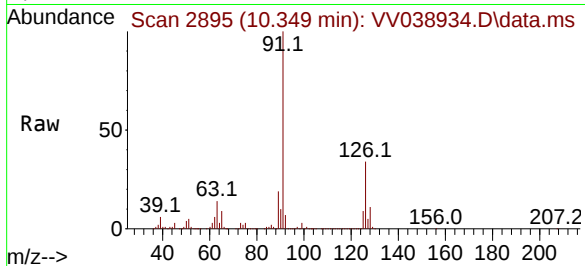




#79
2-Chlorotoluene
Concen: 53.760 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

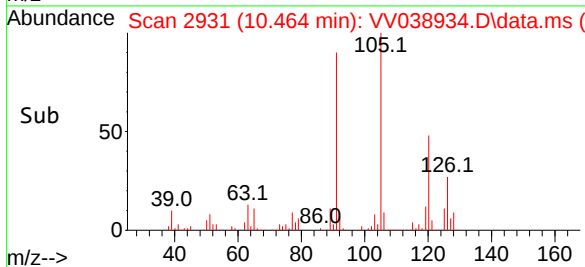
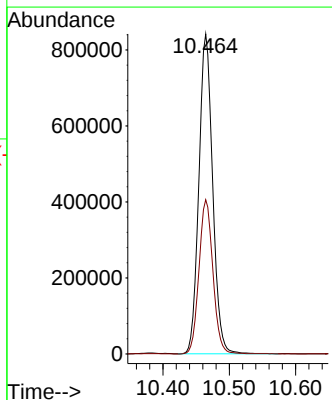
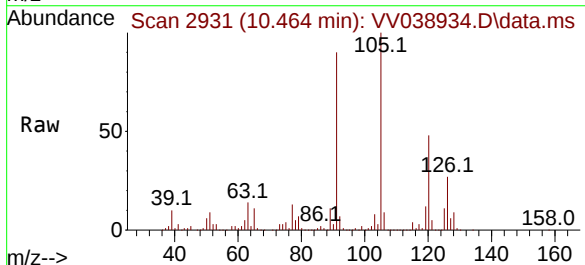
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

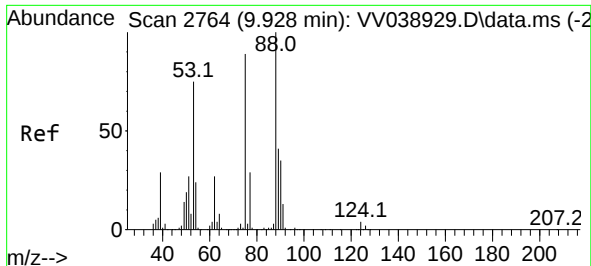
Tgt Ion: 91 Resp: 992160
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 56.503 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 105 Resp: 1215088
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6

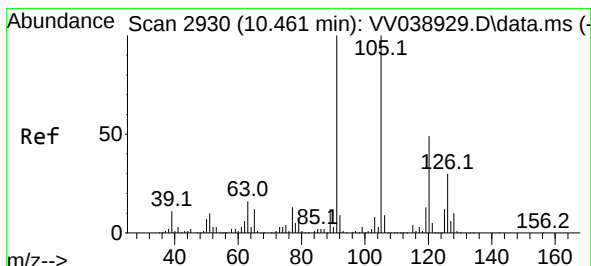
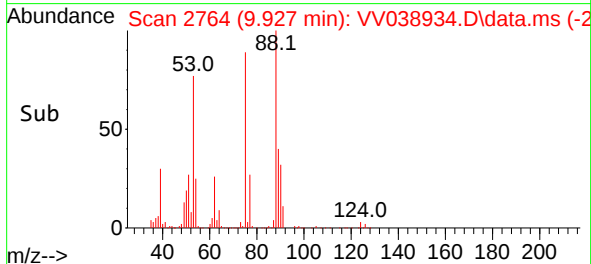
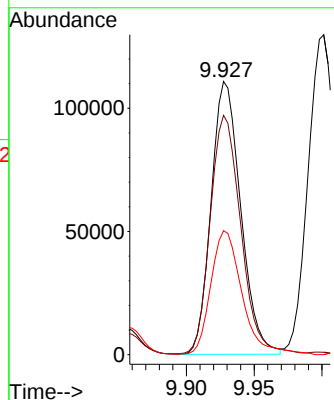
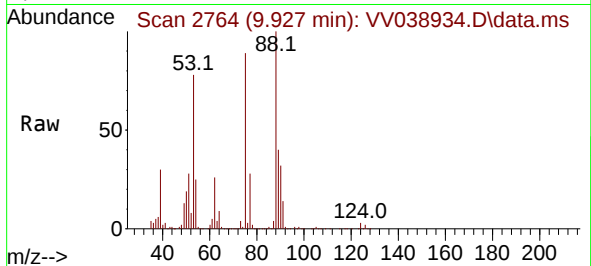




#81
trans-1,4-Dichloro-2-butene
Concen: 52.738 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

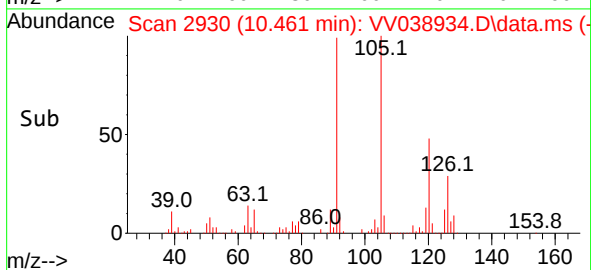
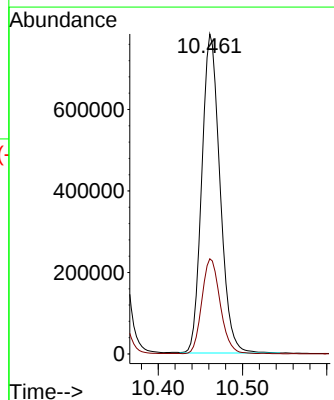
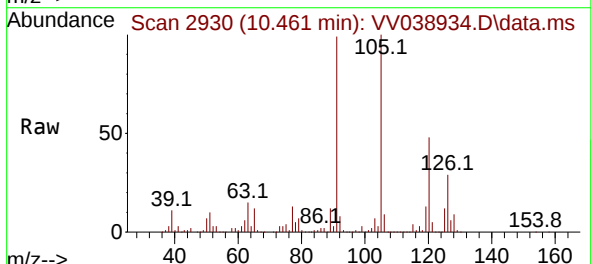
Instrument :
MSVOA_V
ClientSampleId :
ICVV080825

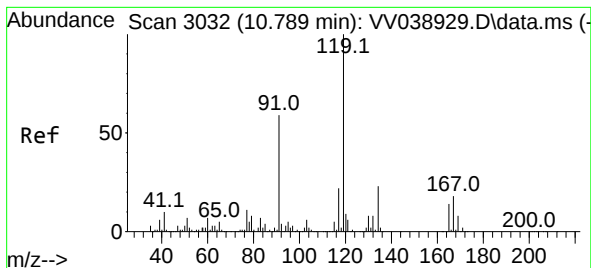
Tgt Ion: 75 Resp: 168060
Ion Ratio Lower Upper
75 100
53 89.9 69.0 103.4
89 48.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 54.518 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 91 Resp: 1176716
Ion Ratio Lower Upper
91 100
126 29.9 15.0 45.0





#83

tert-Butylbenzene

Concen: 53.387 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVVV080825

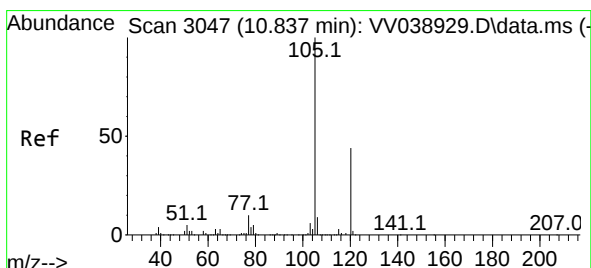
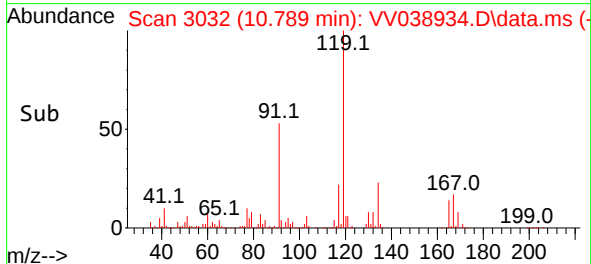
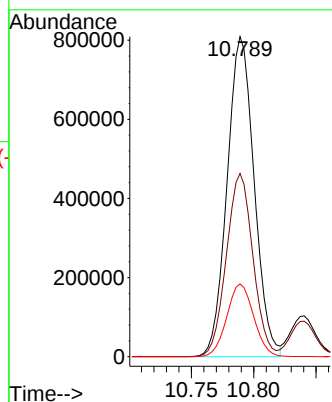
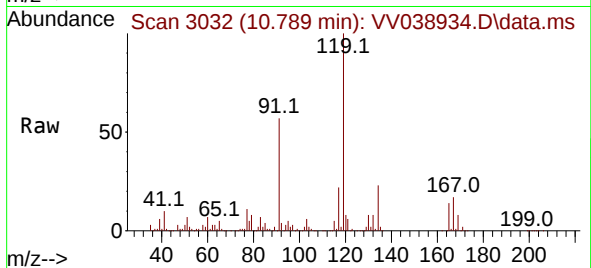
Tgt Ion:119 Resp: 1222996

Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.5

134 22.6 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 56.596 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV038934.D

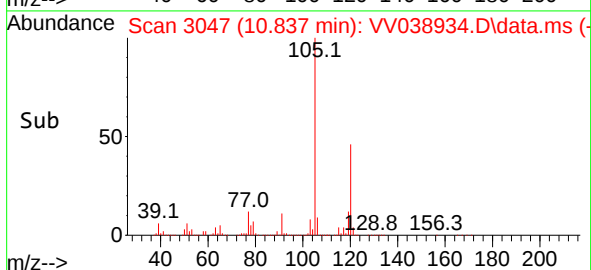
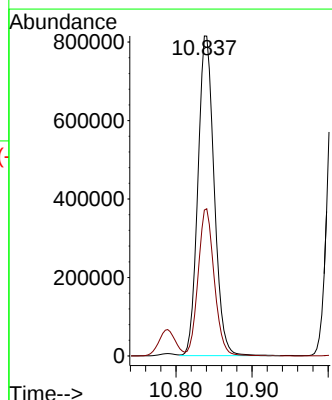
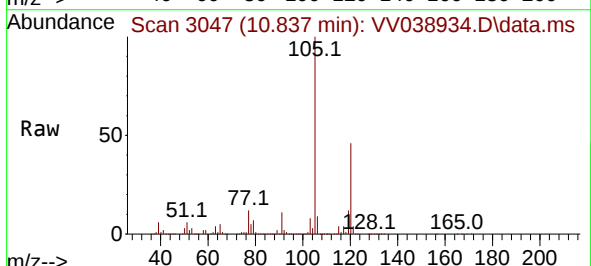
Acq: 08 Aug 2025 14:28

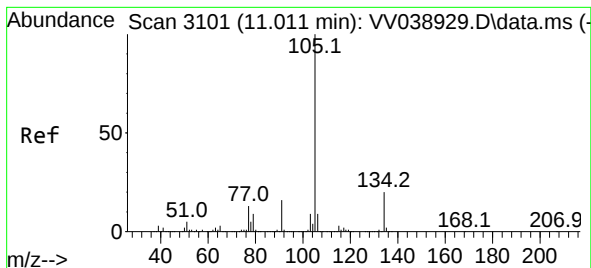
Tgt Ion:105 Resp: 1207900

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 54.800 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

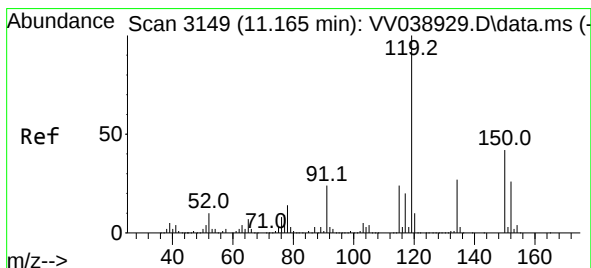
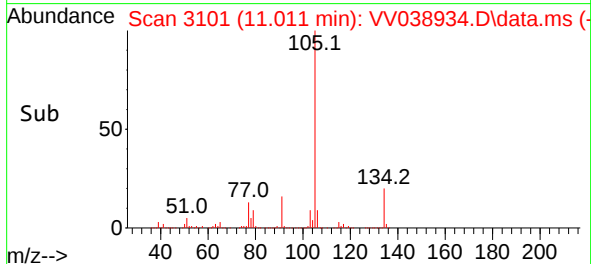
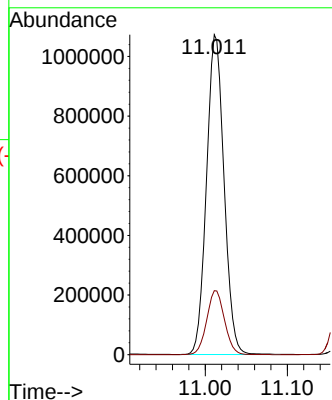
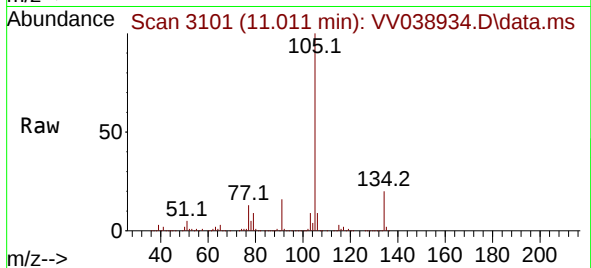
ICVVV080825

Tgt Ion:105 Resp: 1586271

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.117 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

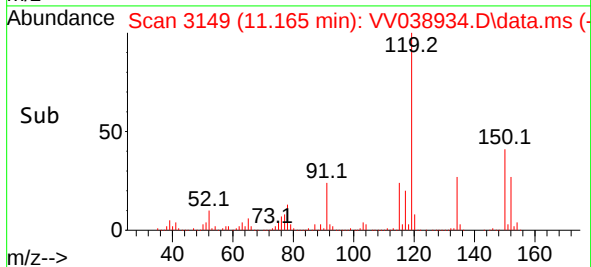
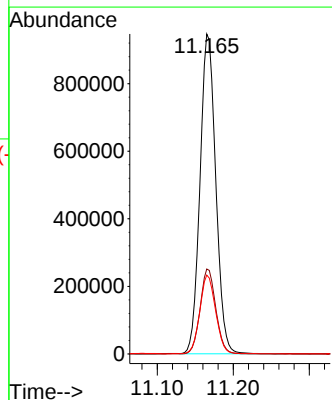
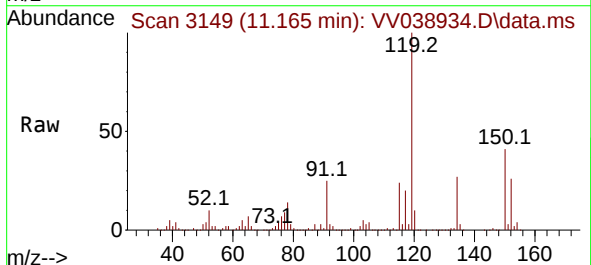
Tgt Ion:119 Resp: 1364619

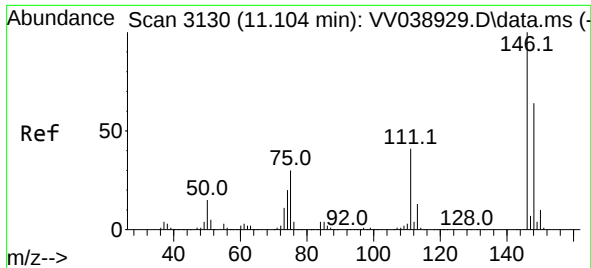
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 24.6 12.2 36.4

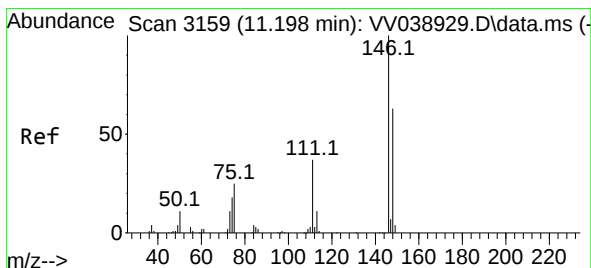
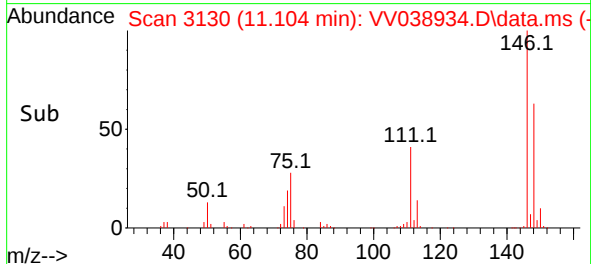
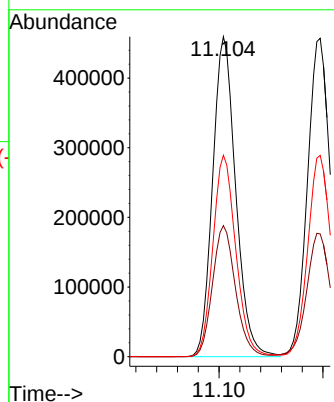
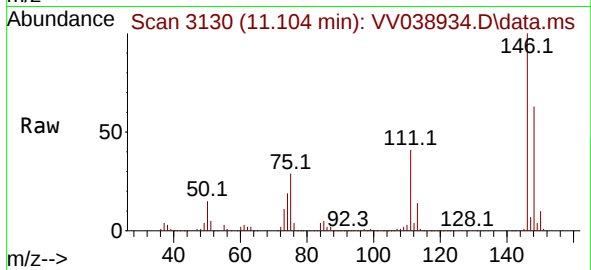




#87
 1,3-Dichlorobenzene
 Concen: 49.537 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

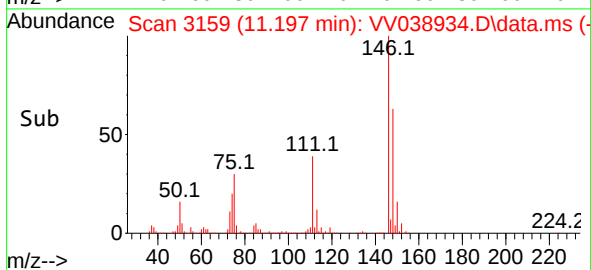
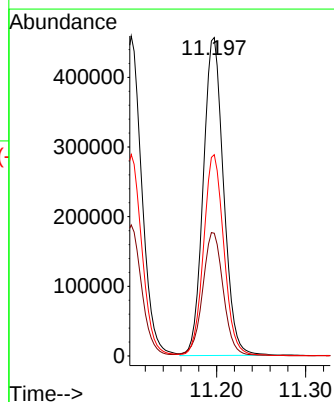
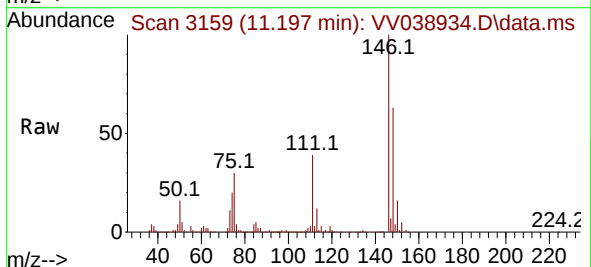
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV080825

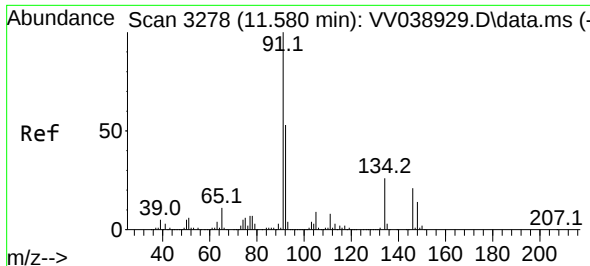
Tgt Ion:146 Resp: 708488
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.2
 148 62.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.374 ug/l
 RT: 11.197 min Scan# 3159
 Delta R.T. -0.000 min
 Lab File: VV038934.D
 Acq: 08 Aug 2025 14:28

Tgt Ion:146 Resp: 721637
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.1
 148 63.4 31.4 94.2

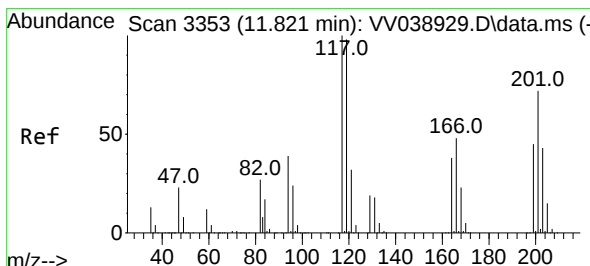
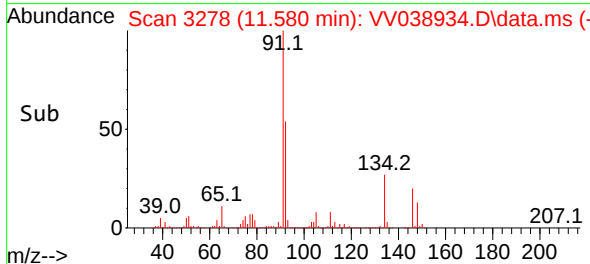
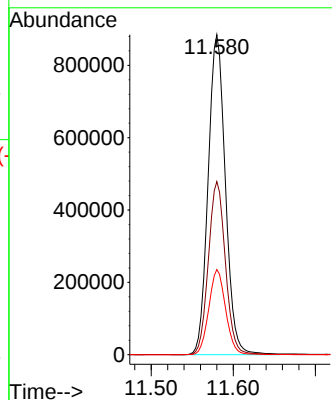
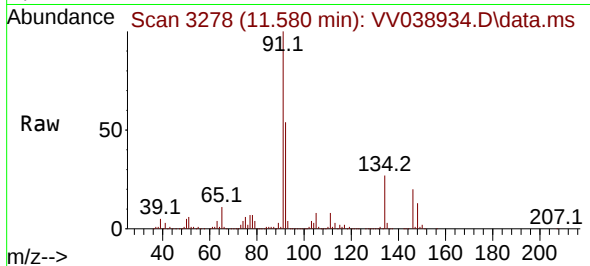




#89
n-Butylbenzene
Concen: 55.480 ug/l
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

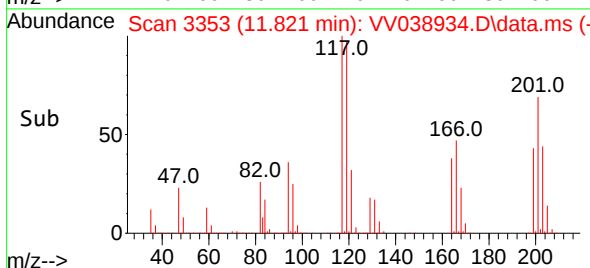
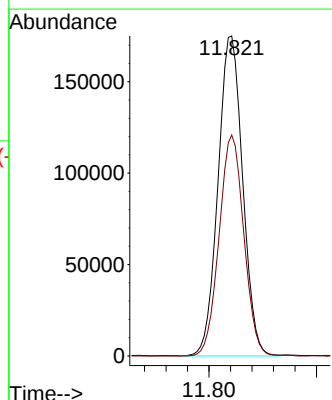
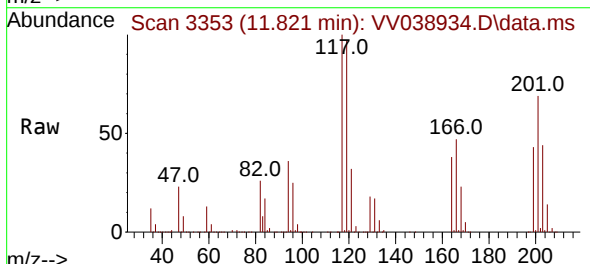
Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

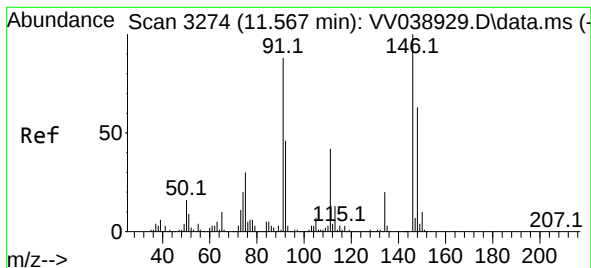
Tgt Ion: 91 Resp: 1293319
Ion Ratio Lower Upper
91 100
92 53.4 26.2 78.6
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 46.875 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion: 117 Resp: 278826
Ion Ratio Lower Upper
117 100
201 69.1 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 49.783 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038934.D

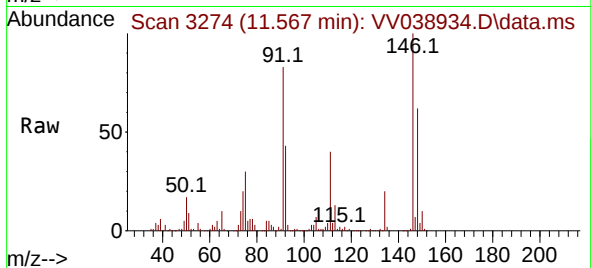
Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVV080825



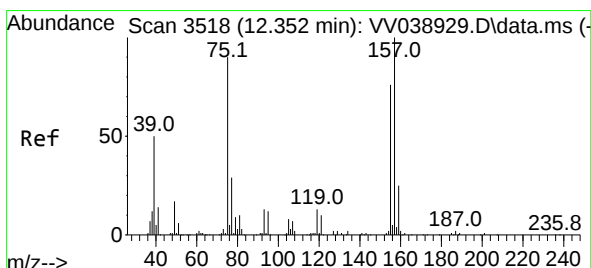
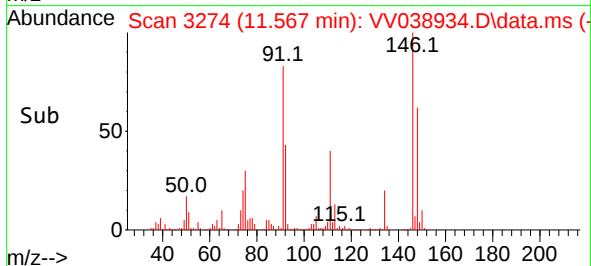
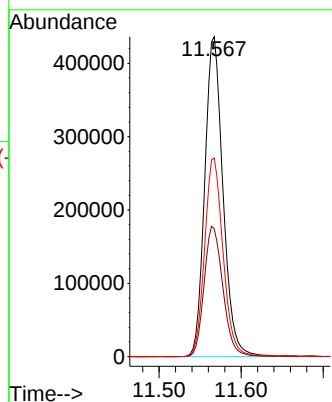
Tgt Ion:146 Resp: 673017

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.3

148 63.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.092 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

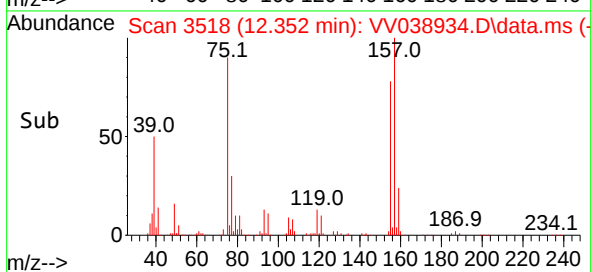
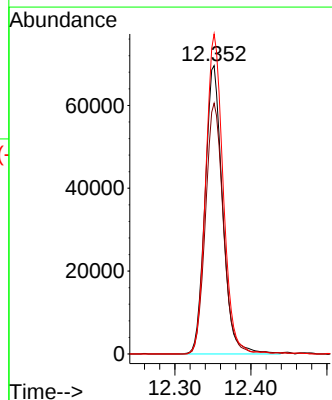
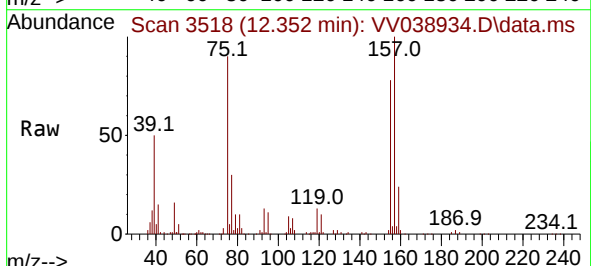
Tgt Ion: 75 Resp: 111654

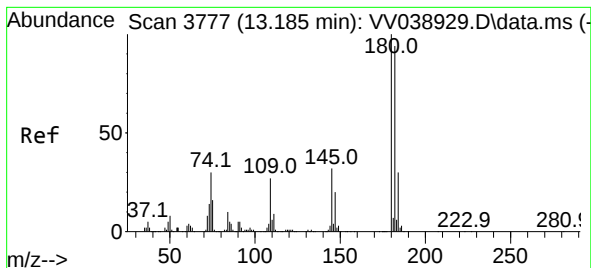
Ion Ratio Lower Upper

75 100

155 87.8 41.4 124.2

157 110.1 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 51.641 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

Instrument :

MSVOA_V

ClientSampleId :

ICVV080825

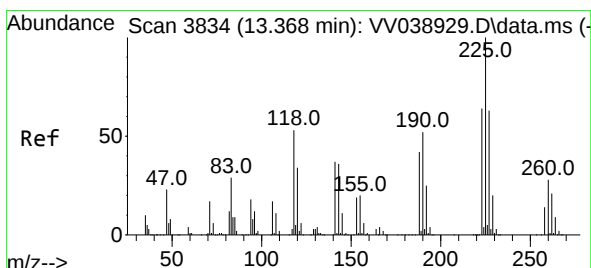
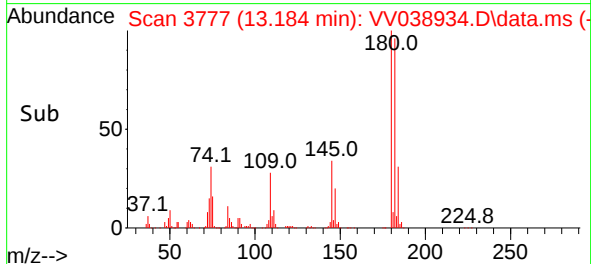
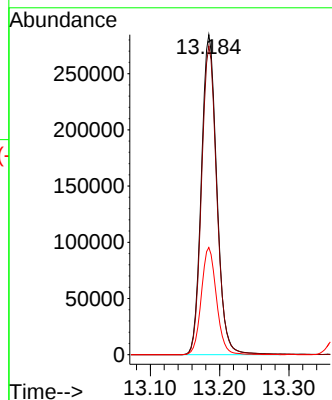
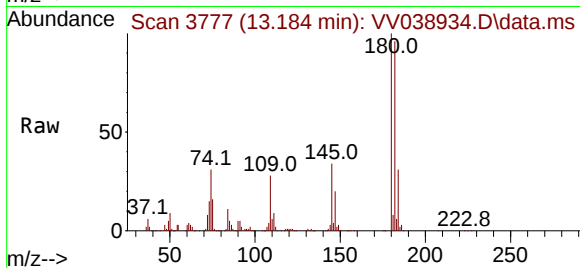
Tgt Ion:180 Resp: 440341

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.3

145 33.0 15.9 47.6



#94

Hexachlorobutadiene

Concen: 45.504 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038934.D

Acq: 08 Aug 2025 14:28

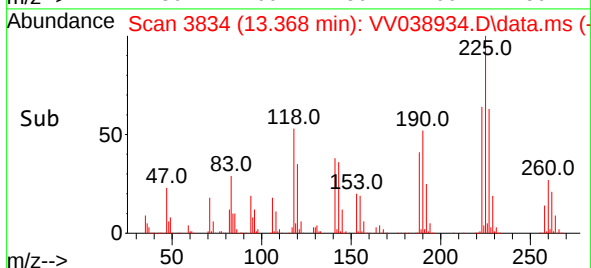
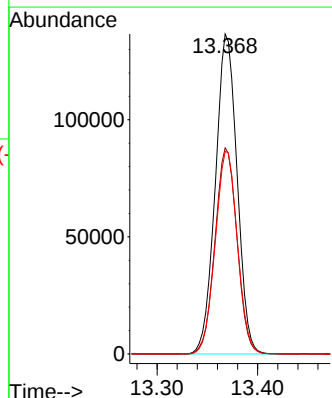
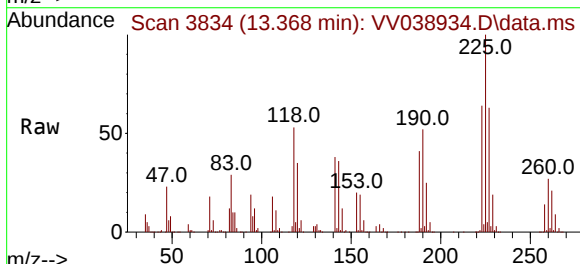
Tgt Ion:225 Resp: 205028

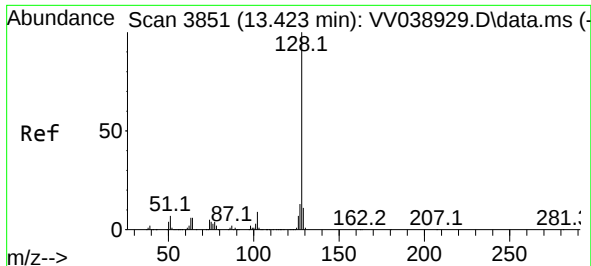
Ion Ratio Lower Upper

225 100

223 65.1 32.0 96.0

227 64.6 31.3 93.9

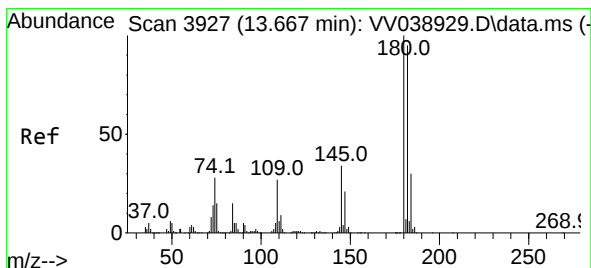
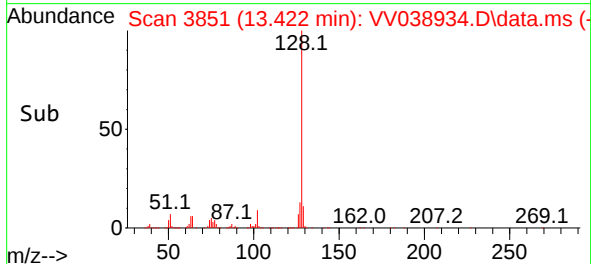
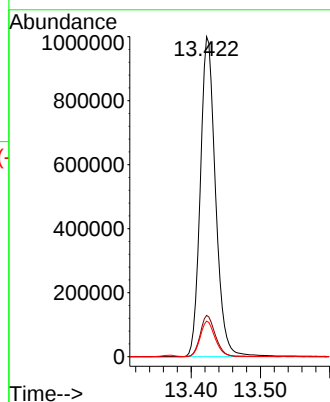
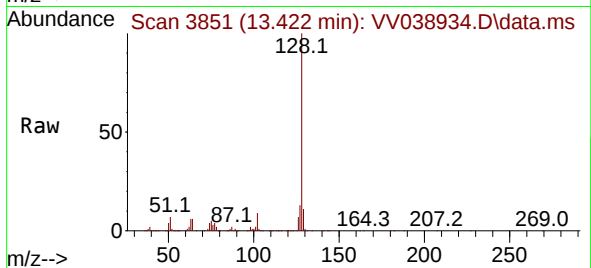




#95
Naphthalene
Concen: 57.023 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Instrument :
MSVOA_V
ClientSampleId :
ICVVV080825

Tgt Ion:128 Resp: 1525750
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.923 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. -0.000 min
Lab File: VV038934.D
Acq: 08 Aug 2025 14:28

Tgt Ion:180 Resp: 461812
Ion Ratio Lower Upper
180 100
182 93.5 47.5 142.5
145 34.0 17.1 51.3

