

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
 Data File : VV038883.D
 Acq On : 11 Jul 2025 10:07
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 06:10:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:07:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	495970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	792399	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	754097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	457186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	524430	86.541	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 173.080%#	
35) Dibromofluoromethane	4.493	113	487177	90.175	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 180.340%#	
50) Toluene-d8	7.233	98	1484134	90.881	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 181.760%#	
62) 4-Bromofluorobenzene	10.001	95	663662	100.883	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 201.760%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	386206	88.622	ug/l	99
3) Chloromethane	1.227	50	397753	84.522	ug/l	96
4) Vinyl Chloride	1.294	62	470882	87.425	ug/l	100
5) Bromomethane	1.478	94	284436	97.812	ug/l	94
6) Chloroethane	1.548	64	316950	88.040	ug/l	97
7) Trichlorofluoromethane	1.719	101	858690	90.105	ug/l	100
8) Diethyl Ether	1.915	74	322753	94.177	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.076	101	520098	91.272	ug/l	99
10) Methyl Iodide	2.191	142	687949	105.158	ug/l	99
11) Tert butyl alcohol	2.577	59	637542	456.972	ug/l	99
12) 1,1-Dichloroethene	2.079	96	449858	86.642	ug/l	98
13) Acrolein	2.008	56	105043	520.643	ug/l	98
14) Allyl chloride	2.352	41	755554	91.339	ug/l	100
15) Acrylonitrile	2.670	53	1638930	459.060	ug/l	99
16) Acetone	2.117	43	1263377	481.791	ug/l	98
17) Carbon Disulfide	2.249	76	811526	100.178	ug/l	99
18) Methyl Acetate	2.375	43	897756	101.189	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1831531	94.082	ug/l	99
20) Methylene Chloride	2.452	84	547436	82.291	ug/l	98
21) trans-1,2-Dichloroethene	2.696	96	464274	84.039	ug/l	98
22) Diisopropyl ether	3.211	45	1640755	99.269	ug/l	97
23) Vinyl Acetate	3.185	43	6515837	502.771	ug/l	99
24) 1,1-Dichloroethane	3.114	63	953327	88.072	ug/l	99
25) 2-Butanone	3.860	43	1905013	507.455	ug/l	98
26) 2,2-Dichloropropane	3.805	77	889236	93.831	ug/l	99
27) cis-1,2-Dichloroethene	3.812	96	605591	95.463	ug/l	99
28) Bromochloromethane	4.140	49	408624	97.525	ug/l	98
29) Tetrahydrofuran	4.230	42	1258200	507.923	ug/l	98
30) Chloroform	4.272	83	1061394	88.940	ug/l	99
31) Cyclohexane	4.577	56	627491	88.319	ug/l	96
32) 1,1,1-Trichloroethane	4.510	97	938985	90.179	ug/l	99
36) 1,1-Dichloropropene	4.738	75	612835	98.702	ug/l	99
37) Ethyl Acetate	3.969	43	735149	100.563	ug/l	99
38) Carbon Tetrachloride	4.731	117	766098	92.889	ug/l	98
39) Methylcyclohexane	6.043	83	738326	100.780	ug/l	99
40) Benzene	5.005	78	2010215	95.505	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	371126	112.030	ug/l	98
42) 1,2-Dichloroethane	5.034	62	739410	92.162	ug/l	99
43) Isopropyl Acetate	5.188	43	1184548	102.457	ug/l	100
44) Trichloroethene	5.825	130	513017	93.275	ug/l	100
45) 1,2-Dichloropropane	6.085	63	530273	95.372	ug/l	100
46) Dibromomethane	6.220	93	402079	93.465	ug/l	99
47) Bromodichloromethane	6.423	83	869067	95.189	ug/l	99
48) Methyl methacrylate	6.291	41	562472	111.092	ug/l	99
49) 1,4-Dioxane	6.284	88	231473	2130.131	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	4098818	520.655	ug/l	100
52) Toluene	7.307	92	1335245	100.699	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	865794	104.804	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	897067	100.453	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	594459	93.795	ug/l	97
56) Ethyl methacrylate	7.712	69	908312	120.603	ug/l	99
57) 1,3-Dichloropropane	7.931	76	935485	98.441	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.809	63	2798830	499.313	ug/l	99
59) 2-Hexanone	8.062	43	3096236	528.342	ug/l	98
60) Dibromochloromethane	8.165	129	718023	96.204	ug/l	97
61) 1,2-Dibromoethane	8.271	107	613766	96.126	ug/l	98
64) Tetrachloroethene	7.895	164	438160	88.595	ug/l	97
65) Chlorobenzene	8.802	112	1566661	95.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	611079	92.995	ug/l	99
67) Ethyl Benzene	8.934	91	2677413	109.431	ug/l	100
68) m/p-Xylenes	9.062	106	2111801	221.696	ug/l	99
69) o-Xylene	9.468	106	1020445	113.499	ug/l	98
70) Styrene	9.484	104	1840073	115.798	ug/l	99
71) Bromoform	9.651	173	528579	98.963	ug/l	97
73) Isopropylbenzene	9.853	105	2841586	104.021	ug/l	99
74) N-amyl acetate	9.722	43	1117257	111.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	1025709	89.642	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	789333	92.860	ug/l	83
77) Bromobenzene	10.140	156	691545	96.505	ug/l	100
78) n-propylbenzene	10.278	91	3383670	105.980	ug/l	100
79) 2-Chlorotoluene	10.349	91	1999888	98.495	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	2458792	106.733	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	365982	105.068	ug/l	97
82) 4-Chlorotoluene	10.461	91	2399481	105.717	ug/l	99
83) tert-Butylbenzene	10.789	119	2597713	107.554	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	2490164	109.855	ug/l	100
85) sec-Butylbenzene	11.011	105	3329696	108.016	ug/l	100
86) p-Isopropyltoluene	11.165	119	2822298	107.837	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1412124	96.544	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1430931	89.934	ug/l	100
89) n-Butylbenzene	11.580	91	2704788	113.208	ug/l	99
90) Hexachloroethane	11.821	117	564396	90.668	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	1381725	97.313	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.348	75	244328	94.447	ug/l	92
93) 1,2,4-Trichlorobenzene	13.184	180	953584	113.773	ug/l	99
94) Hexachlorobutadiene	13.368	225	421132	97.569	ug/l	98
95) Naphthalene	13.422	128	3417336	123.213	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	980616	112.877	ug/l	99

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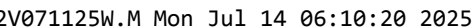
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MSVOA_V
ClientSampleId :

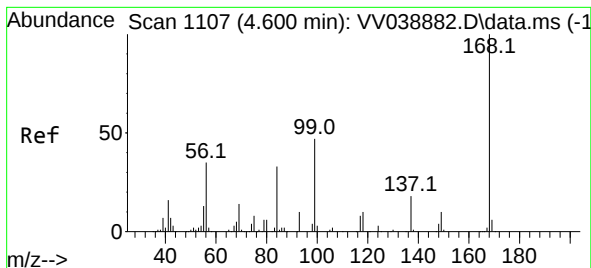
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. -0.004 min

Lab File: VV038883.D

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Instrument :

MSVOA_V

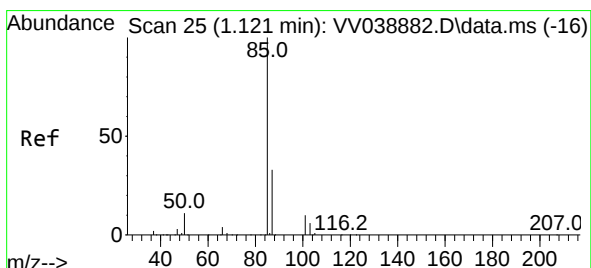
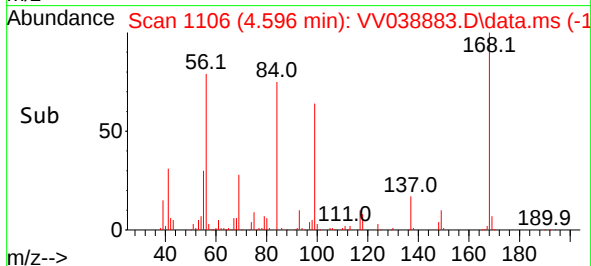
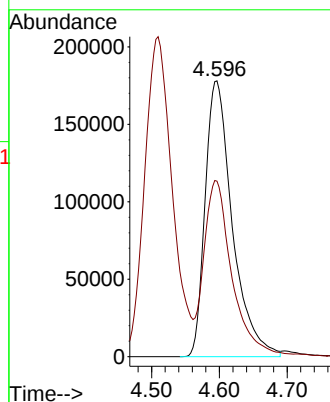
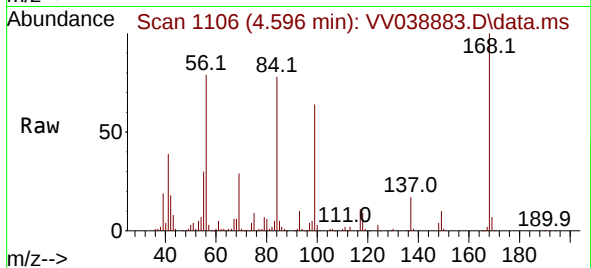
ClientSampleId :

Tgt Ion:168 Resp: 495970

Ion Ratio Lower Upper

168 100

99 62.2 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 88.622 ug/l

RT: 1.117 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038883.D

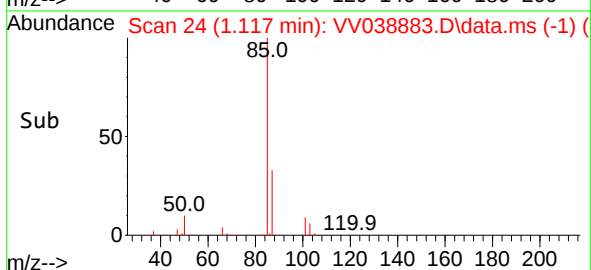
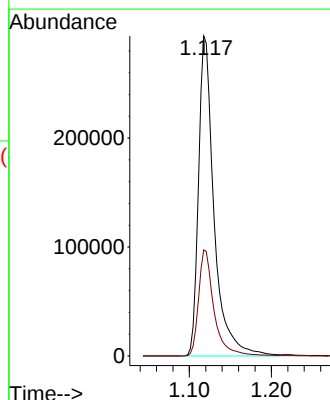
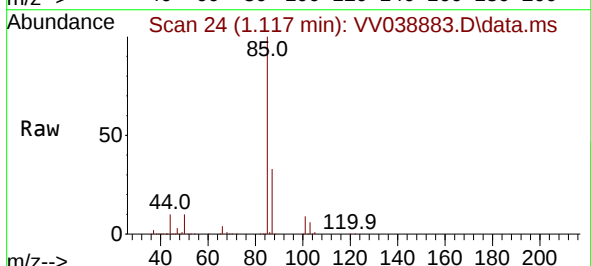
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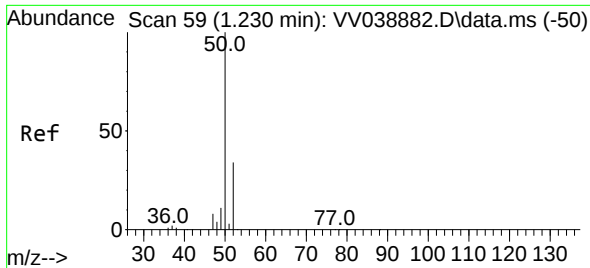
Tgt Ion: 85 Resp: 386206

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.8

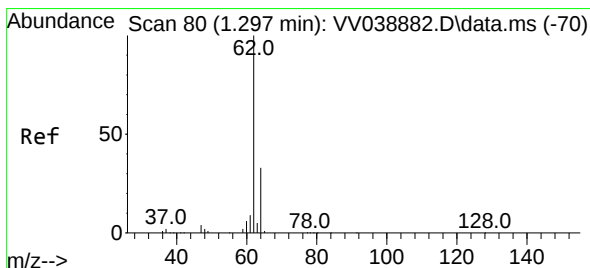
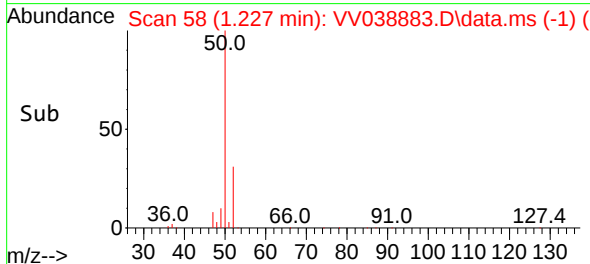
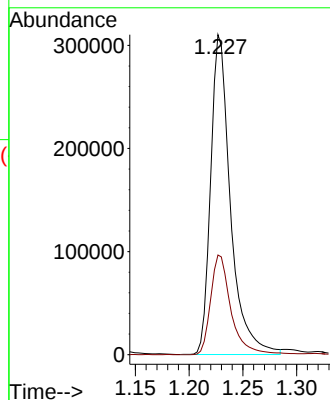
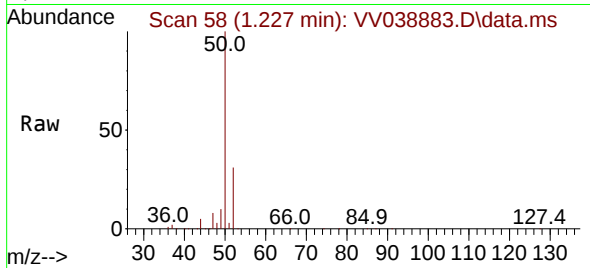




#3
Chloromethane
Concen: 84.522 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

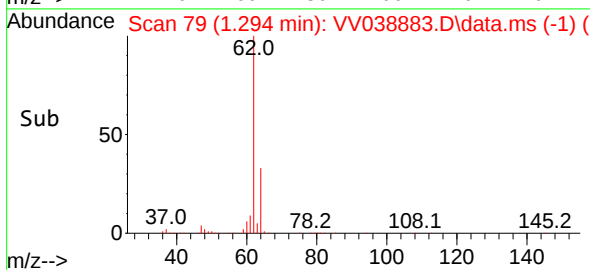
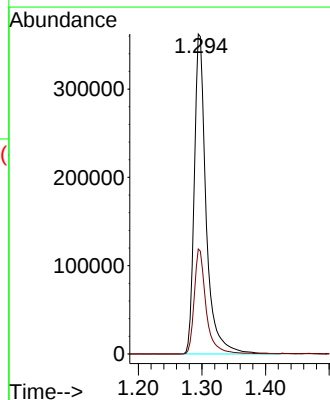
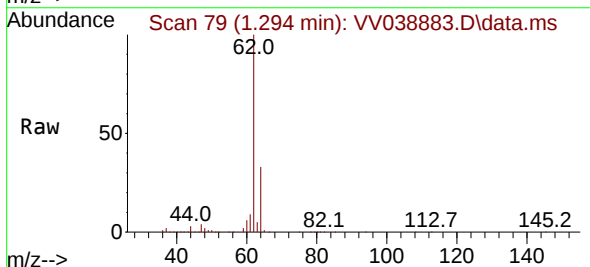
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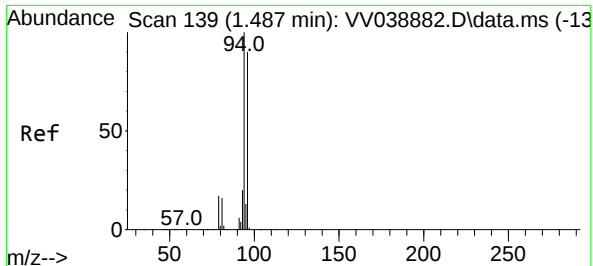
Tgt Ion: 50 Resp: 397753
Ion Ratio Lower Upper
50 100
52 31.2 26.9 40.3



#4
Vinyl Chloride
Concen: 87.425 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 62 Resp: 470882
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

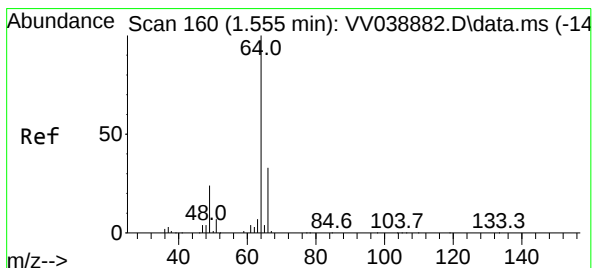
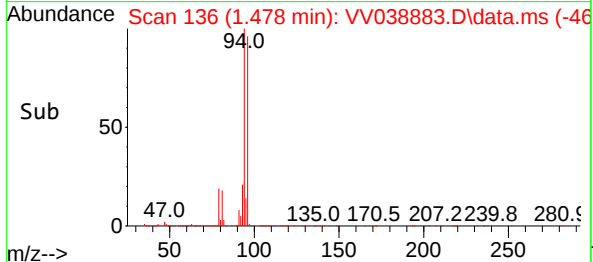
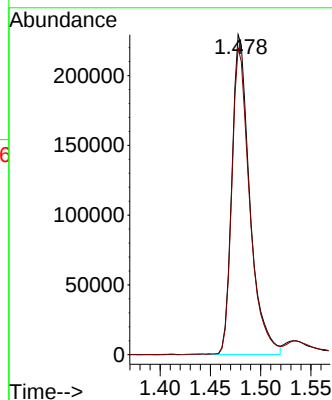
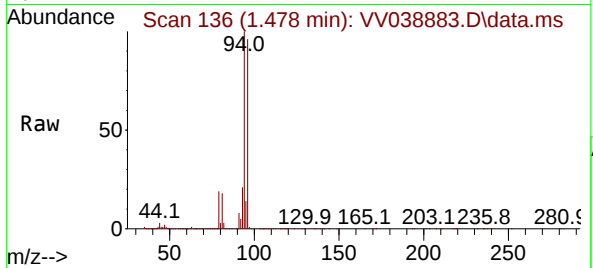




#5
Bromomethane
Concen: 97.812 ug/l
RT: 1.478 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

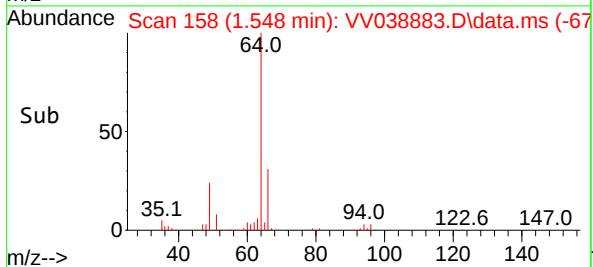
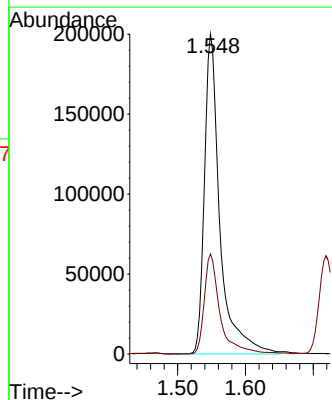
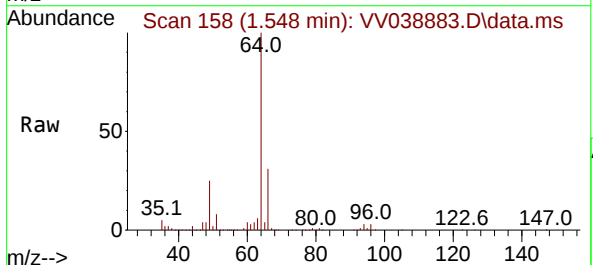
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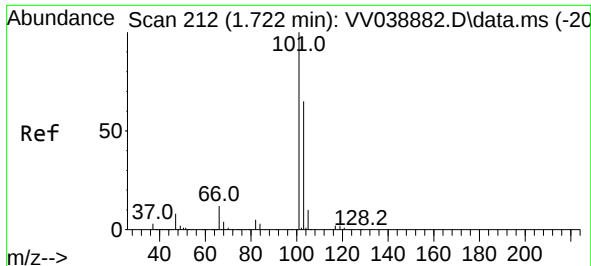
Tgt Ion: 94 Resp: 284436
Ion Ratio Lower Upper
94 100
96 95.9 71.9 107.9



#6
Chloroethane
Concen: 88.040 ug/l
RT: 1.548 min Scan# 158
Delta R.T. -0.006 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 64 Resp: 316950
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.2

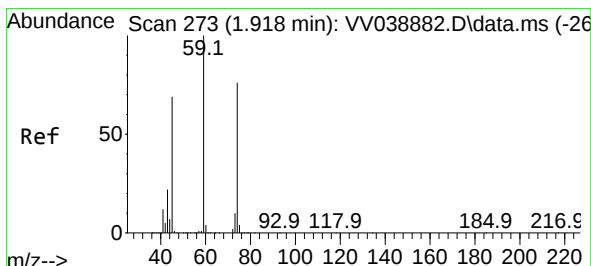
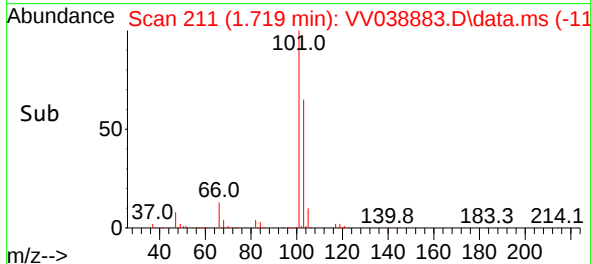
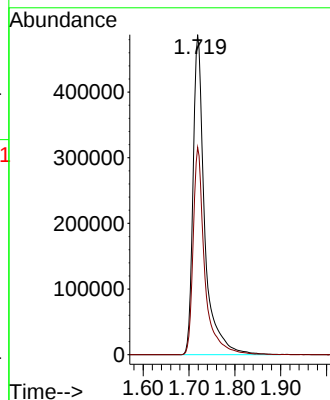
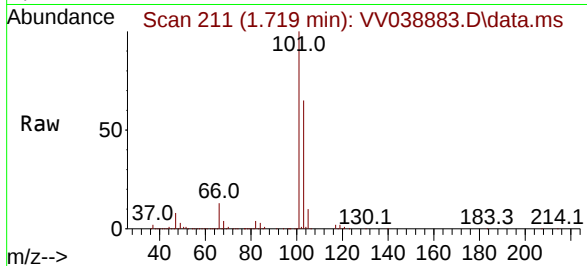




#7
 Trichlorofluoromethane
 Concen: 90.105 ug/l
 RT: 1.719 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VV038883.D
 Acq: 11 Jul 2025 10:07

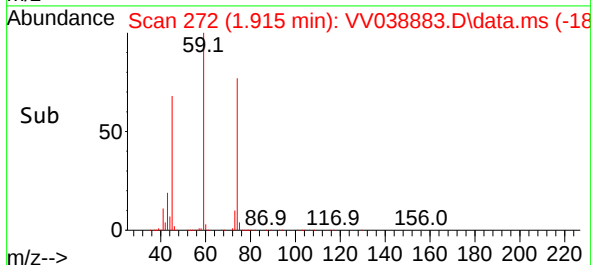
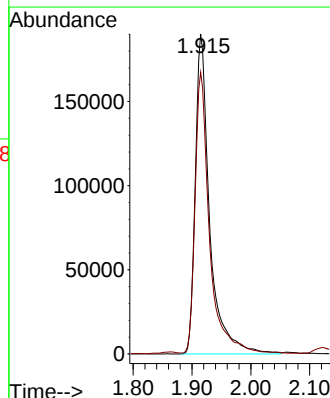
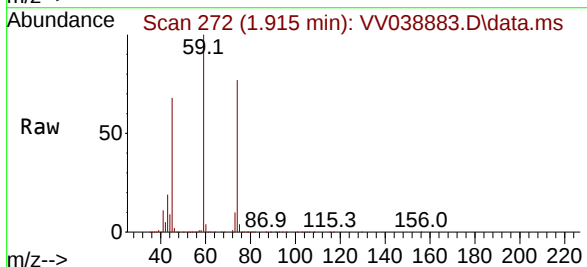
Instrument :
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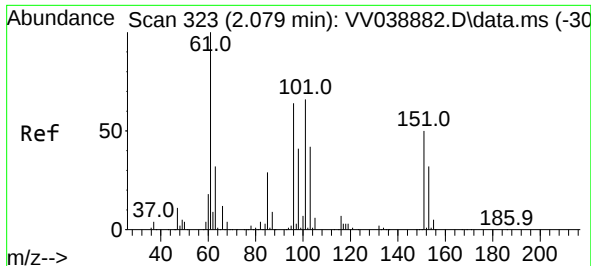
Tgt Ion:101 Resp: 858690
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6



#8
 Diethyl Ether
 Concen: 94.177 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.003 min
 Lab File: VV038883.D
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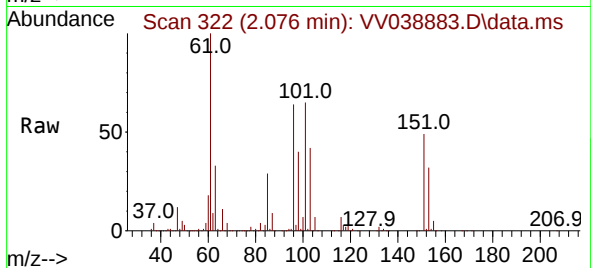
Tgt Ion: 74 Resp: 322753
 Ion Ratio Lower Upper
 74 100
 45 87.3 45.5 136.5



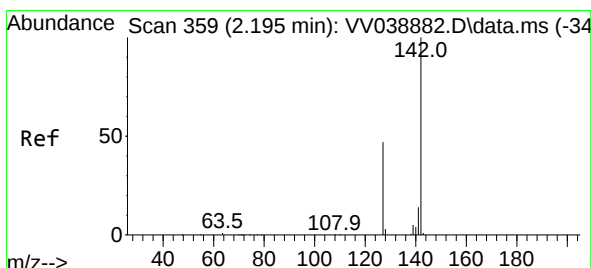
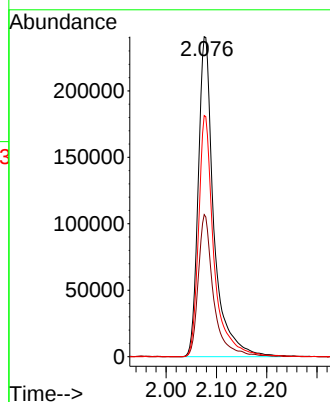
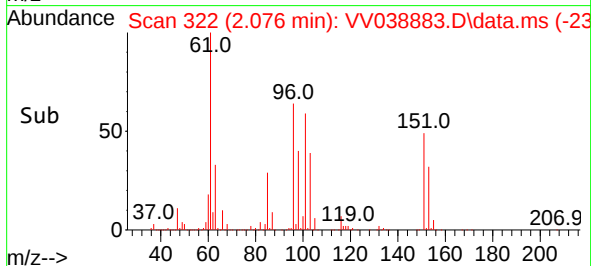


#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.272 ug/l
RT: 2.076 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

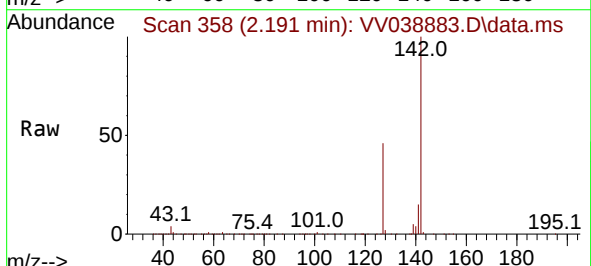
Instrument :
MSVOA_V
ClientSampleId :



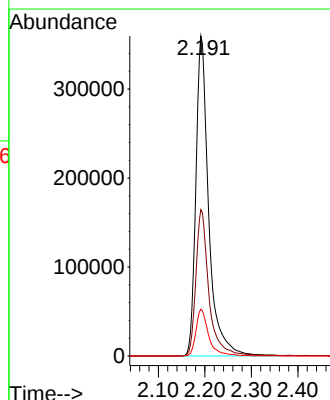
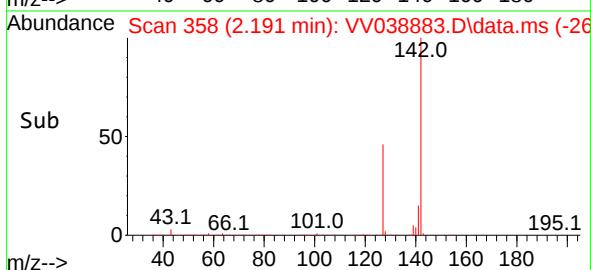
Tgt Ion:101 Resp: 520098
Ion Ratio Lower Upper
101 100
85 43.6 35.0 52.6
151 74.0 60.1 90.1

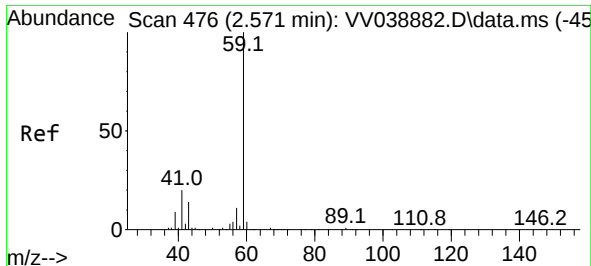


#10
Methyl Iodide
Concen: 105.158 ug/l
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07



Tgt Ion:142 Resp: 687949
Ion Ratio Lower Upper
142 100
127 46.3 37.3 55.9
141 14.4 11.2 16.8

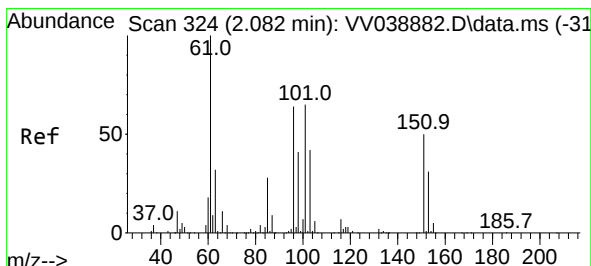
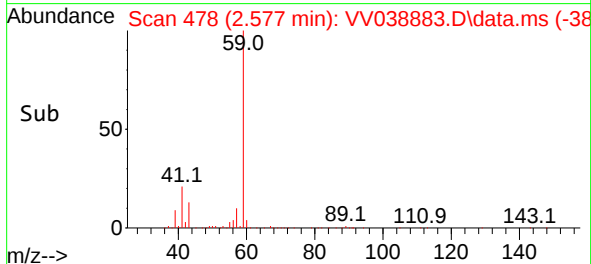
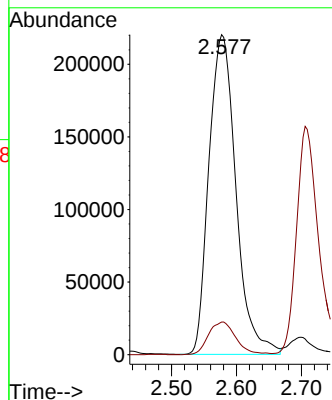
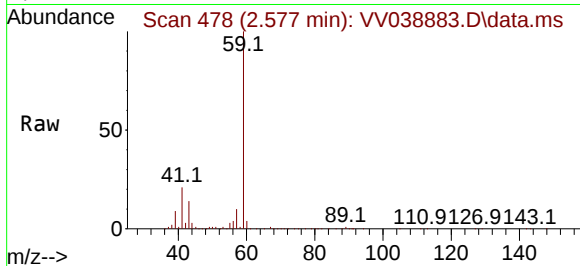




#11
Tert butyl alcohol
Concen: 456.972 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

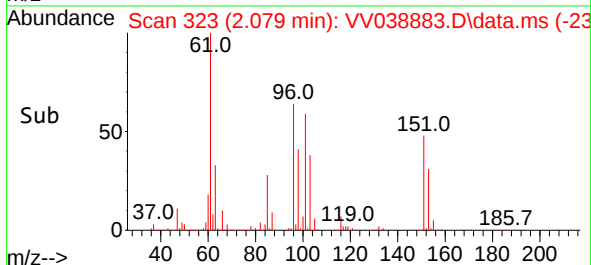
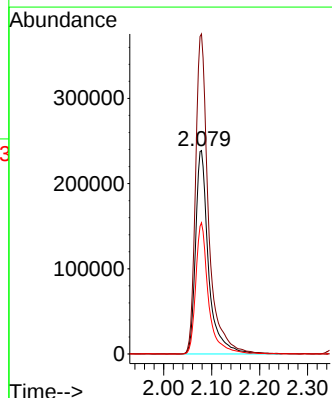
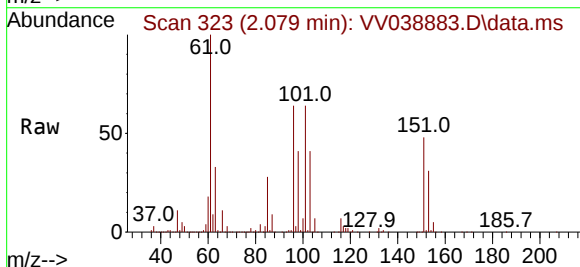
Instrument :
MSVOA_V
ClientSampleId :

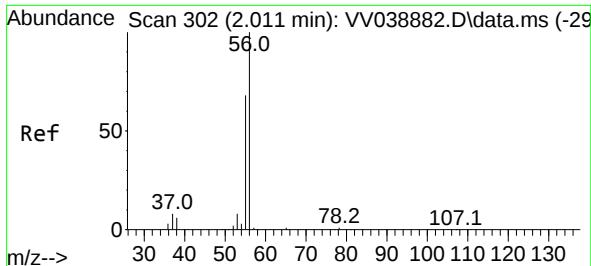
Tgt Ion: 59 Resp: 637542
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 86.642 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 96 Resp: 449858
Ion Ratio Lower Upper
96 100
61 157.3 124.1 186.1
98 64.5 50.6 75.8

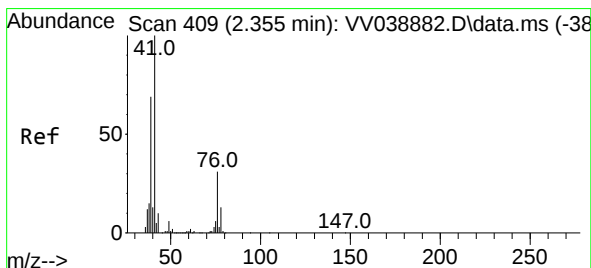
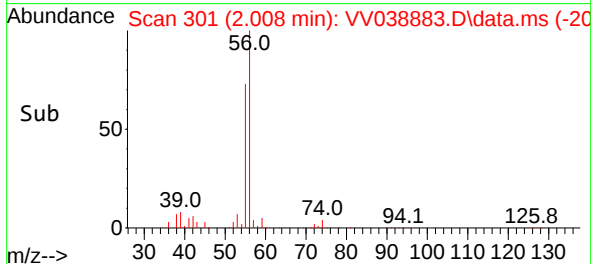
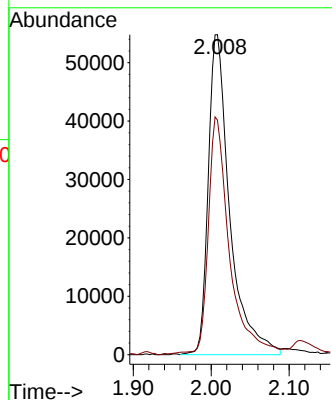
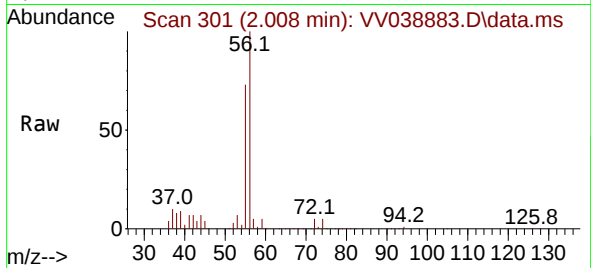




#13
Acrolein
Concen: 520.643 ug/l
RT: 2.008 min Scan# 30
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

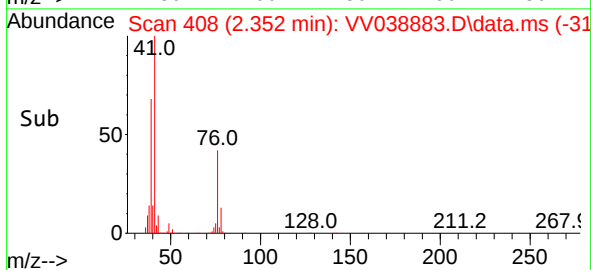
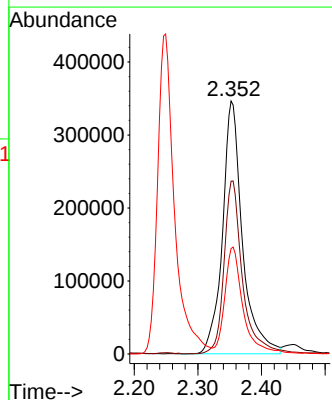
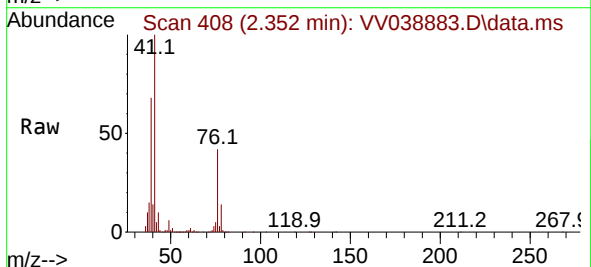
Instrument :
MSVOA_V
ClientSampleId :

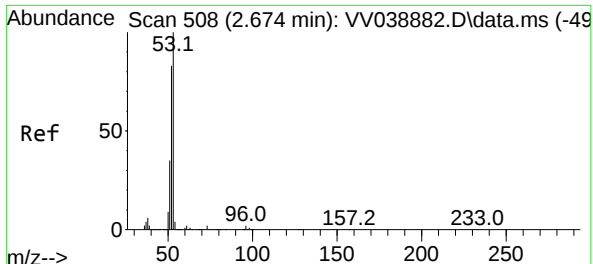
Tgt Ion: 56 Resp: 105043
Ion Ratio Lower Upper
56 100
55 72.2 56.7 85.1



#14
Allyl chloride
Concen: 91.339 ug/l
RT: 2.352 min Scan# 408
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

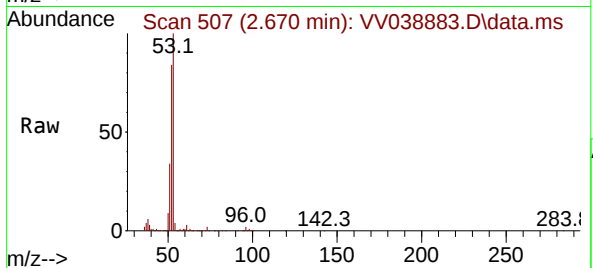
Tgt Ion: 41 Resp: 755554
Ion Ratio Lower Upper
41 100
39 63.4 50.6 76.0
76 38.0 30.4 45.6



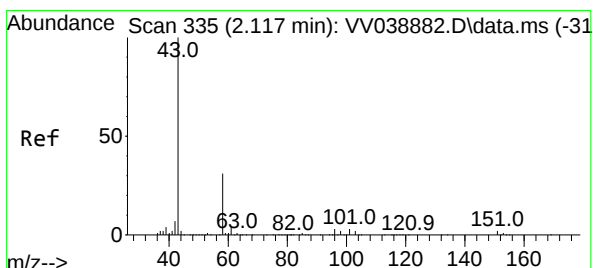
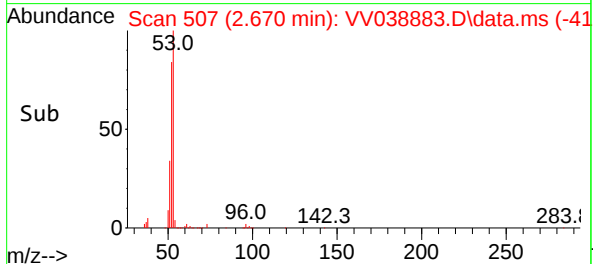
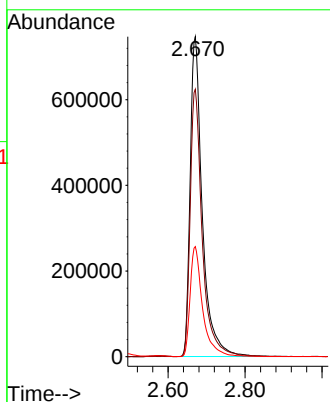


#15
Acrylonitrile
Concen: 459.060 ug/l
RT: 2.670 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Instrument :
MSVOA_V
ClientSampleId :

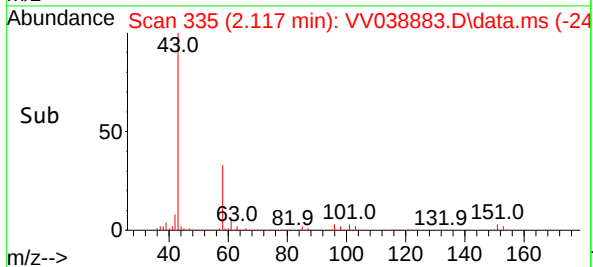
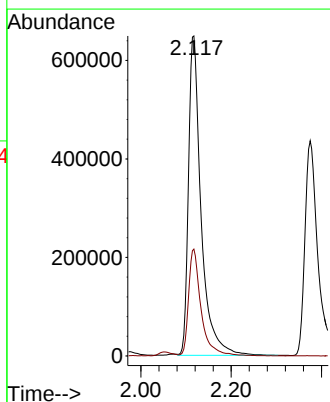
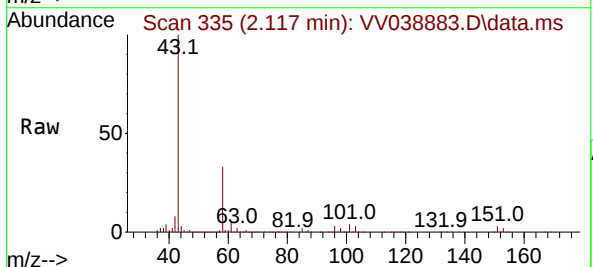


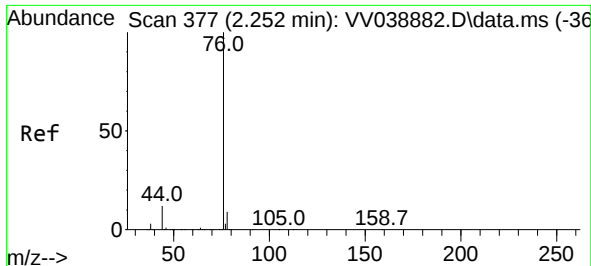
Tgt Ion: 53 Resp: 1638930
Ion Ratio Lower Upper
53 100
52 82.7 66.6 99.8
51 35.3 28.7 43.1



#16
Acetone
Concen: 481.791 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 43 Resp: 1263377
Ion Ratio Lower Upper
43 100
58 33.4 25.8 38.6

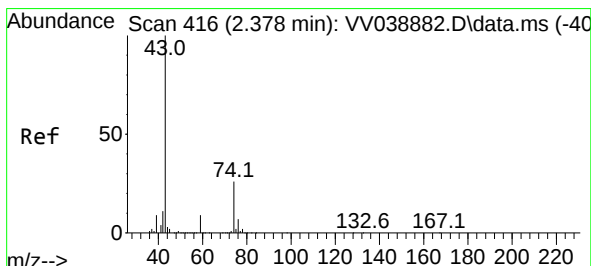
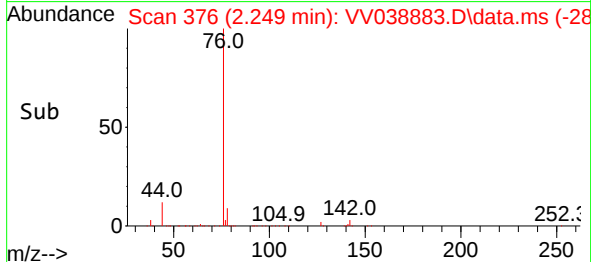
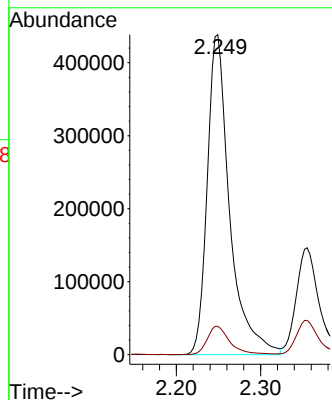
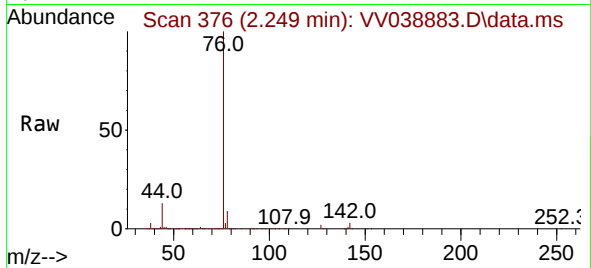




#17
Carbon Disulfide
Concen: 100.178 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

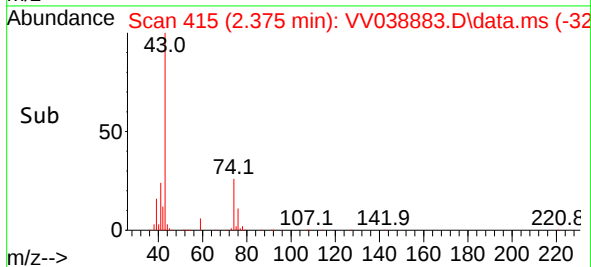
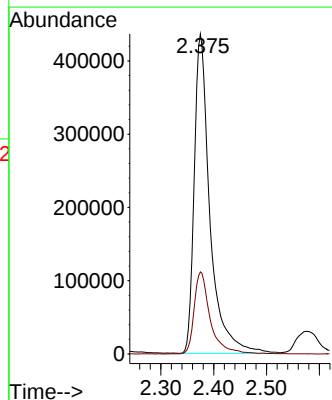
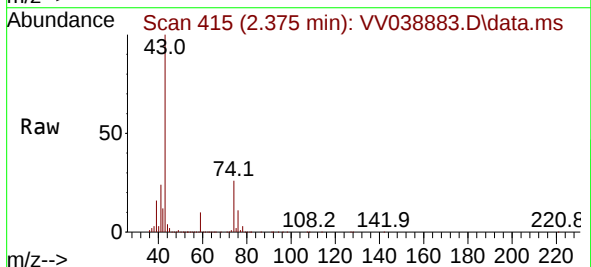
Instrument :
MSVOA_V
ClientSampleId :

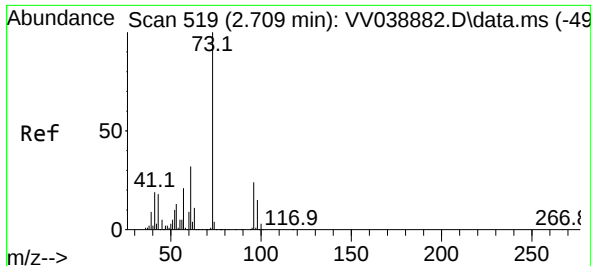
Tgt Ion: 76 Resp: 811526
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 101.189 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 43 Resp: 897756
Ion Ratio Lower Upper
43 100
74 26.4 21.1 31.7

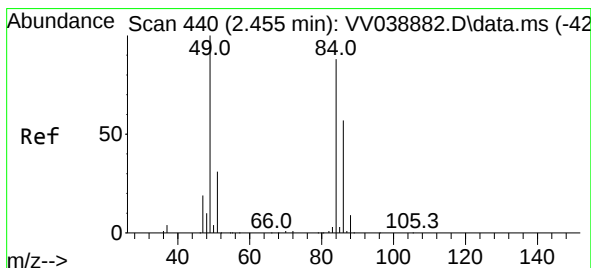
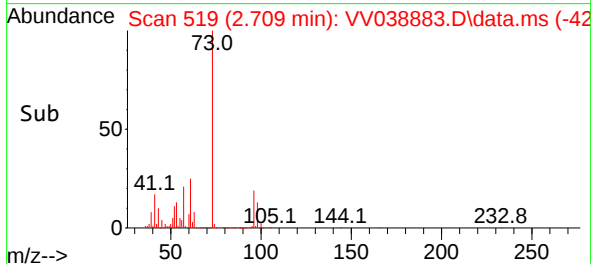
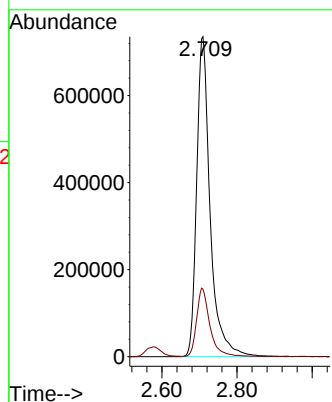
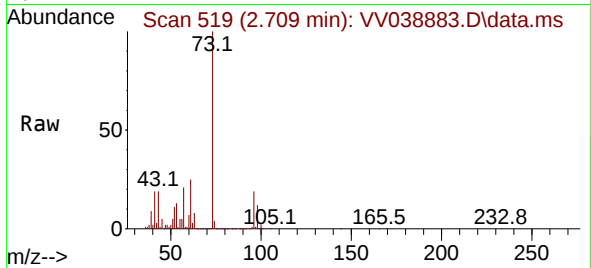




#19
Methyl tert-butyl Ether
Concen: 94.082 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

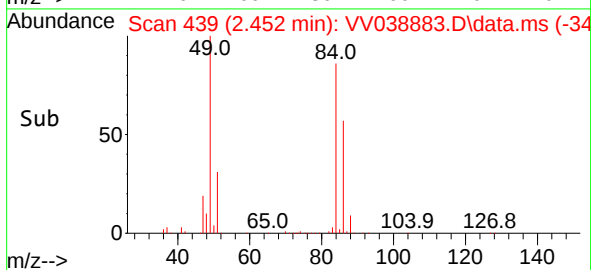
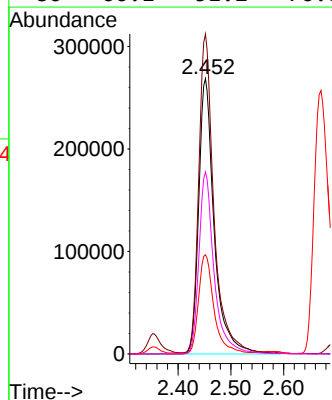
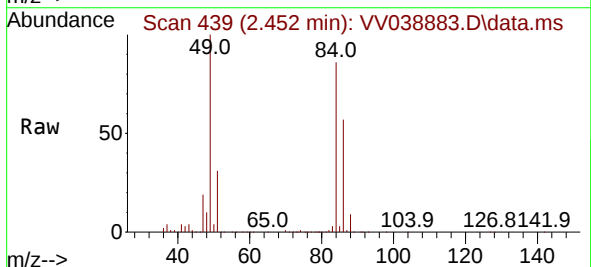
Instrument :
MSVOA_V
ClientSampleId :

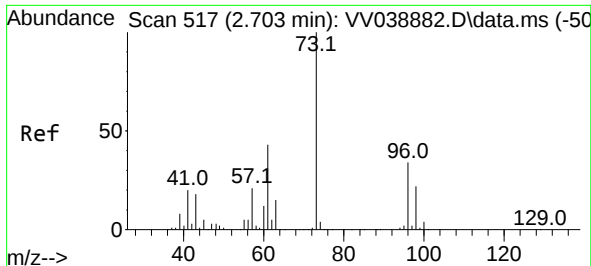
Tgt Ion: 73 Resp: 1831531
Ion Ratio Lower Upper
73 100
57 21.1 16.5 24.7



#20
Methylene Chloride
Concen: 82.291 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 84 Resp: 547436
Ion Ratio Lower Upper
84 100
49 115.8 90.5 135.7
51 35.8 27.8 41.6
86 66.1 51.2 76.8

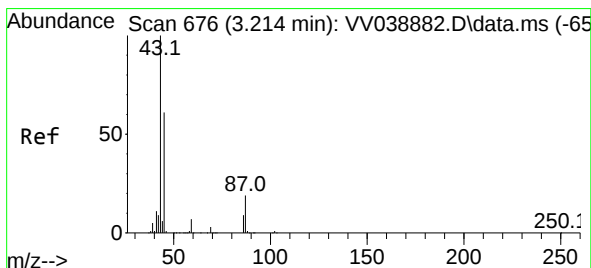
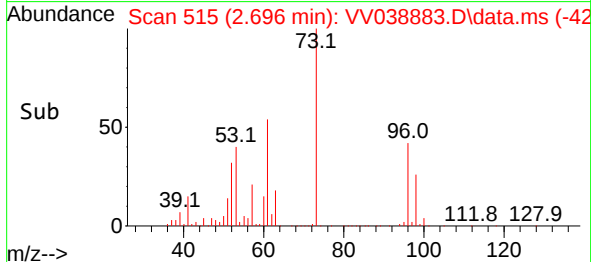
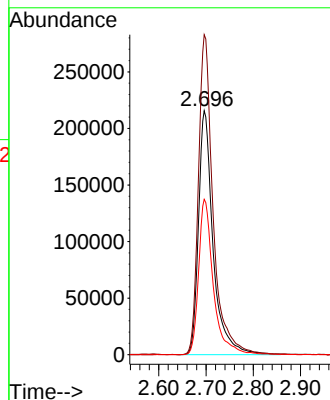
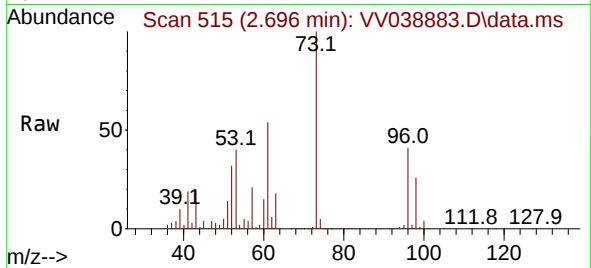




#21
trans-1,2-Dichloroethene
Concen: 84.039 ug/l
RT: 2.696 min Scan# 517
Delta R.T. -0.006 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

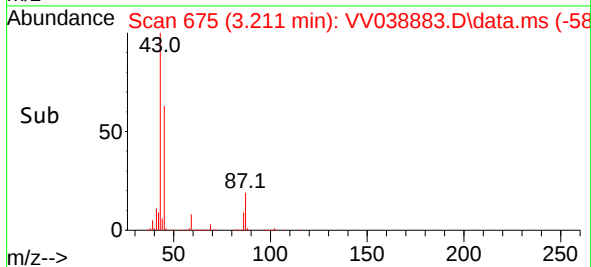
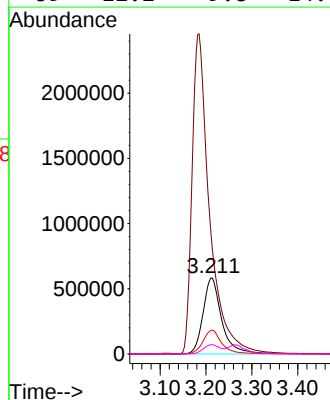
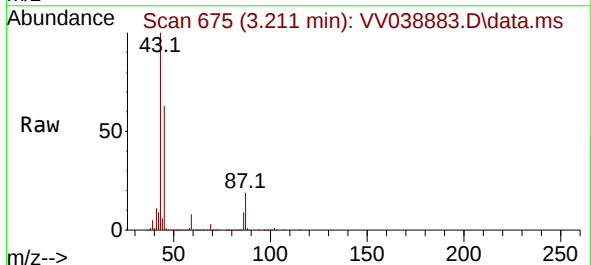
Instrument :
MSVOA_V
ClientSampleId :

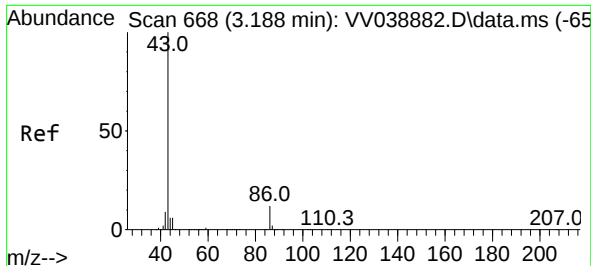
Tgt Ion: 96 Resp: 464274
Ion Ratio Lower Upper
96 100
61 131.1 102.0 153.0
98 63.7 51.0 76.6



#22
Diisopropyl ether
Concen: 99.269 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 45 Resp: 1640755
Ion Ratio Lower Upper
45 100
43 159.4 132.1 198.1
87 30.8 25.0 37.4
59 12.2 9.8 14.8

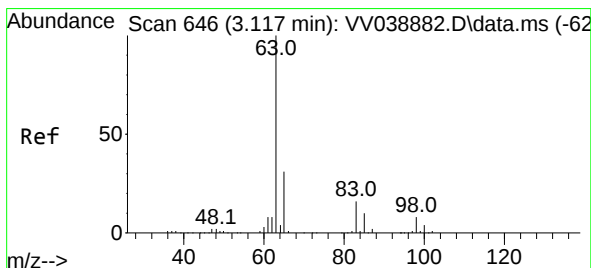
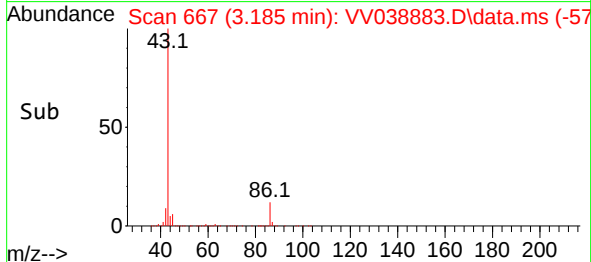
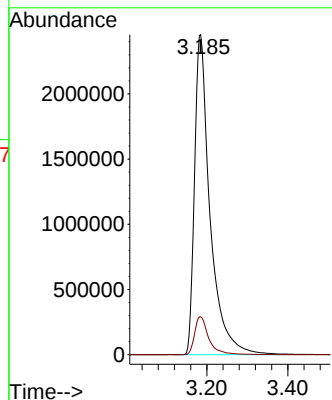
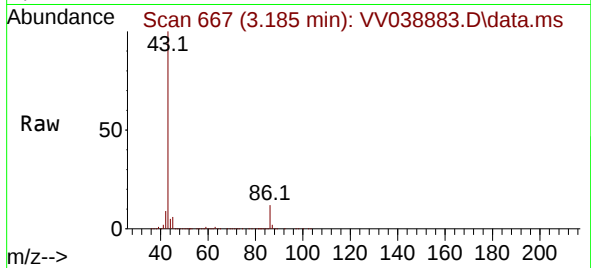




#23
 Vinyl Acetate
 Concen: 502.771 ug/l
 RT: 3.185 min Scan# 668
 Delta R.T. -0.003 min
 Lab File: VV038883.D
 Acq: 11 Jul 2025 10:07

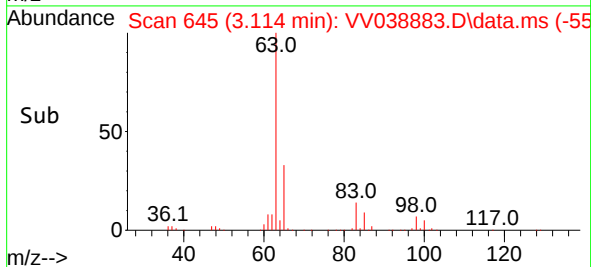
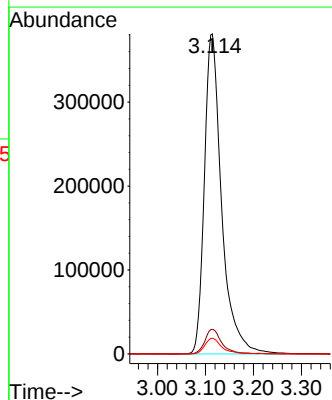
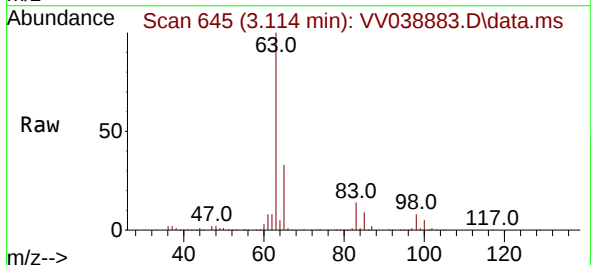
Instrument :
 MSVOA_V
 ClientSampleId :

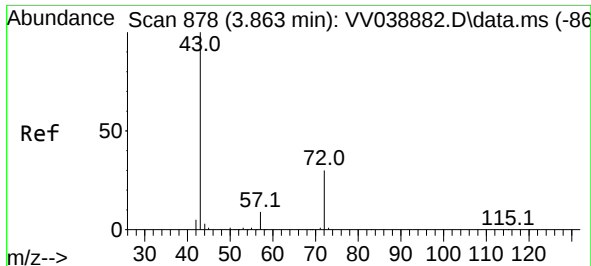
Tgt Ion: 43 Resp: 6515837
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 88.072 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038883.D
 Acq: 11 Jul 2025 10:07

Tgt Ion: 63 Resp: 953327
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.9 2.2 6.6

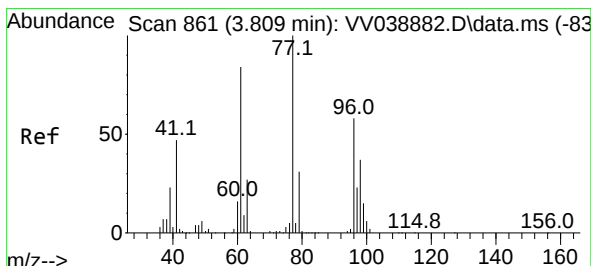
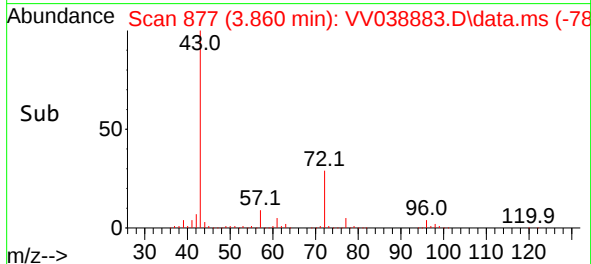
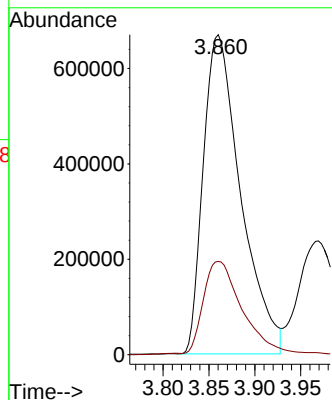
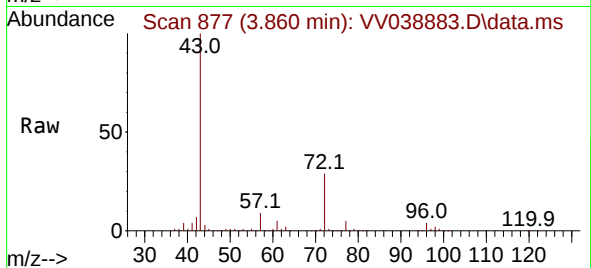




#25
2-Butanone
Concen: 507.455 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

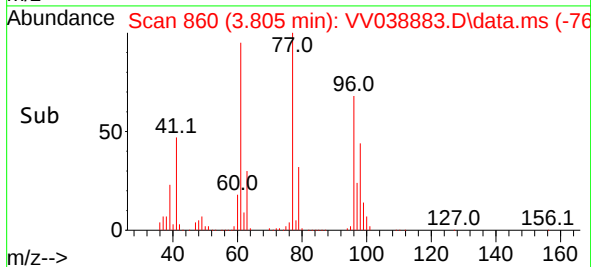
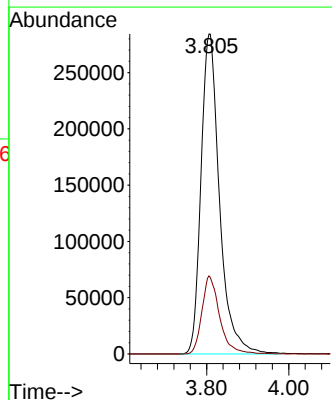
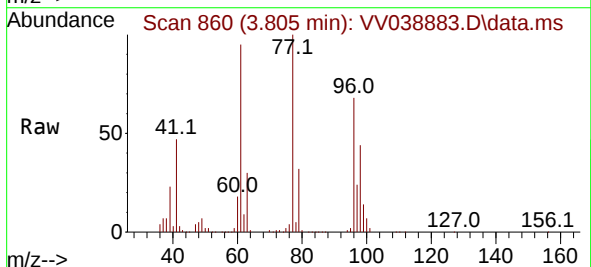
Instrument :
MSVOA_V
ClientSampleId :

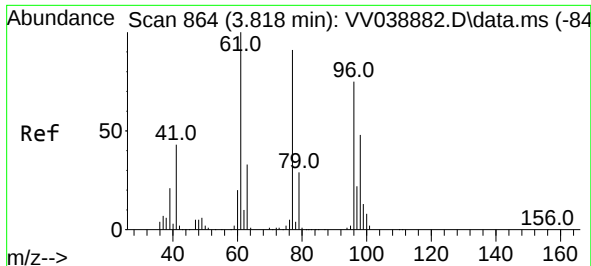
Tgt Ion: 43 Resp: 1905013
Ion Ratio Lower Upper
43 100
72 28.8 23.9 35.9



#26
2,2-Dichloropropane
Concen: 93.831 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

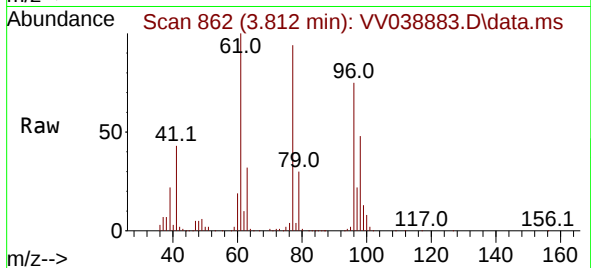
Tgt Ion: 77 Resp: 889236
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





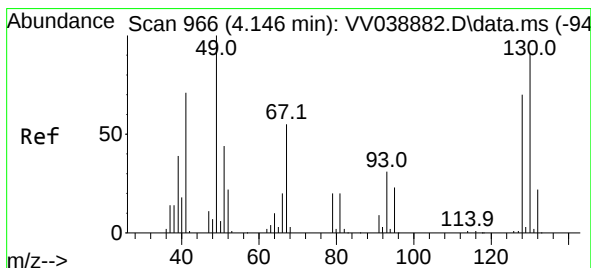
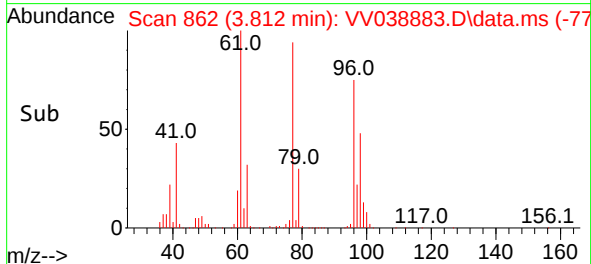
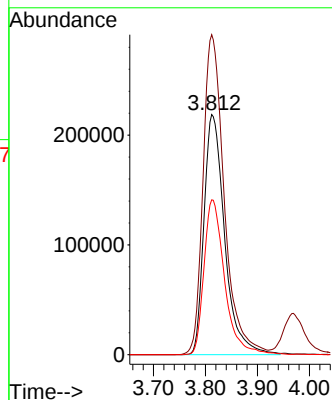
#27
 cis-1,2-Dichloroethene
 Concen: 95.463 ug/l
 RT: 3.812 min Scan# 864
 Delta R.T. -0.006 min
 Lab File: VV038883.D
 Acq: 11 Jul 2025 10:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 605591

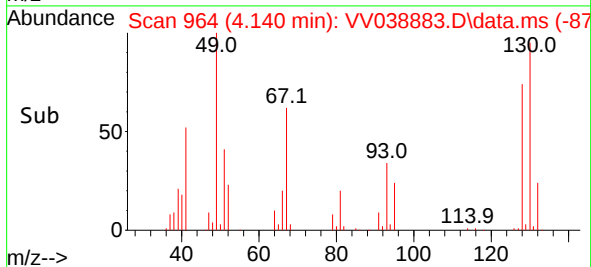
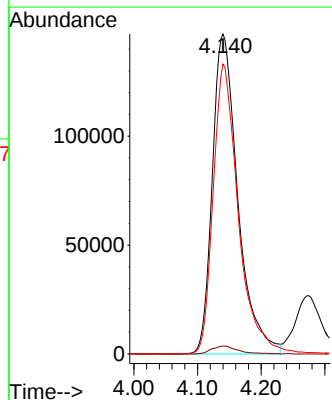
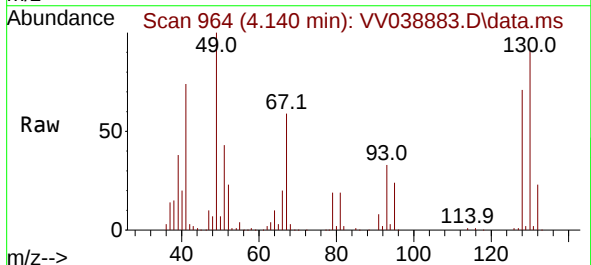
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	275.0
98	64.4	0.0	130.0

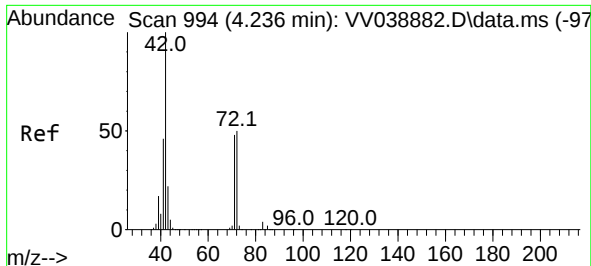


#28
 Bromochloromethane
 Concen: 97.525 ug/l
 RT: 4.140 min Scan# 964
 Delta R.T. -0.006 min
 Lab File: VV038883.D
 Acq: 11 Jul 2025 10:07

Tgt Ion: 49 Resp: 408624

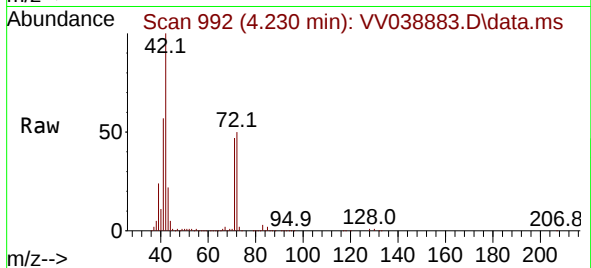
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	89.5	70.1	105.1



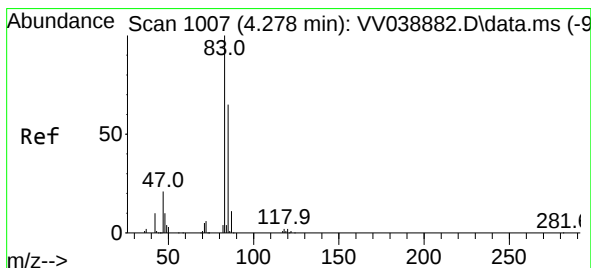
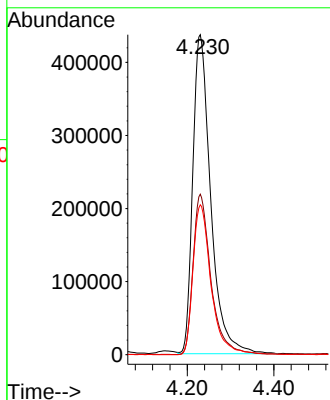
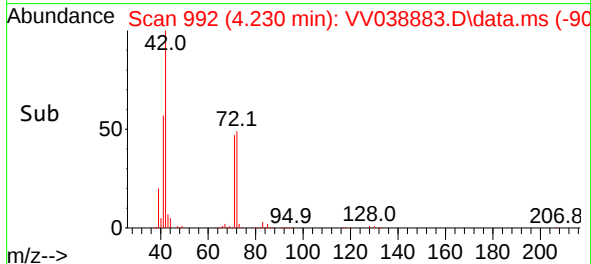


#29
Tetrahydrofuran
Concen: 507.923 ug/l
RT: 4.230 min Scan# 994
Delta R.T. -0.006 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

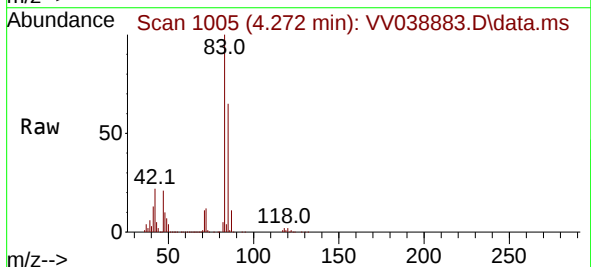
Instrument :
MSVOA_V
ClientSampleId :



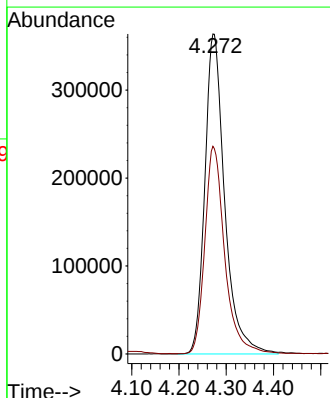
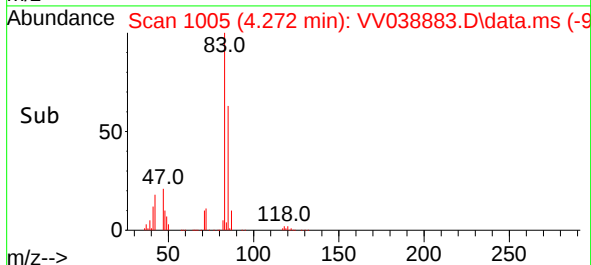
Tgt Ion: 42 Resp: 1258200
Ion Ratio Lower Upper
42 100
72 49.9 41.6 62.4
71 47.4 38.4 57.6

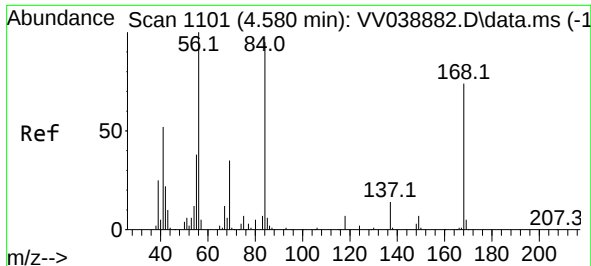


#30
Chloroform
Concen: 88.940 ug/l
RT: 4.272 min Scan# 1005
Delta R.T. -0.006 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07



Tgt Ion: 83 Resp: 1061394
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4

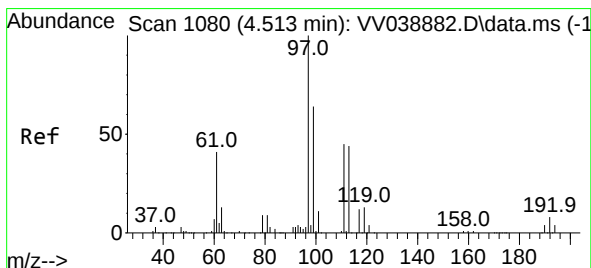
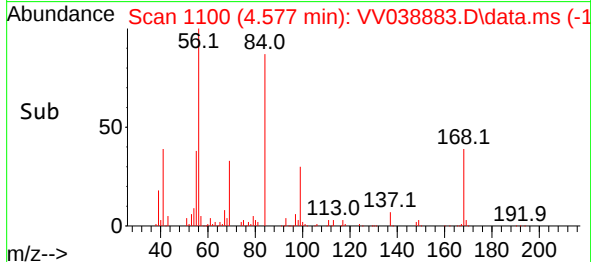
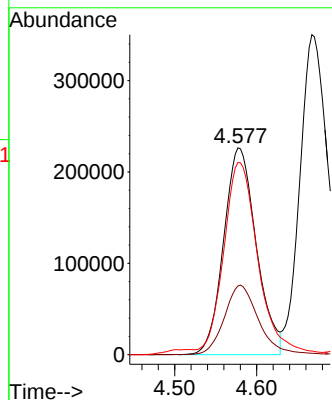
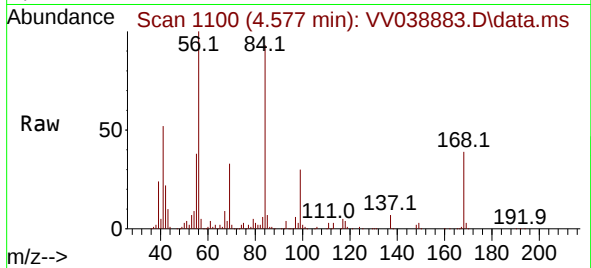




#31
Cyclohexane
Concen: 88.319 ug/l
RT: 4.577 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

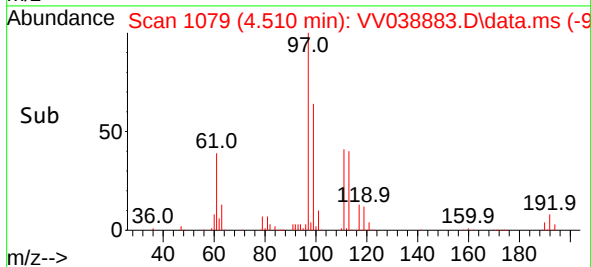
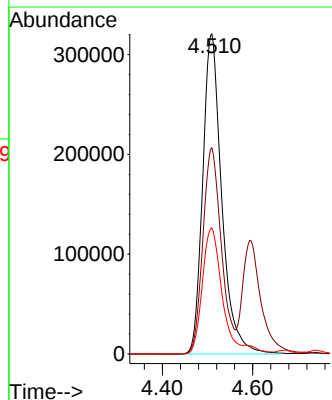
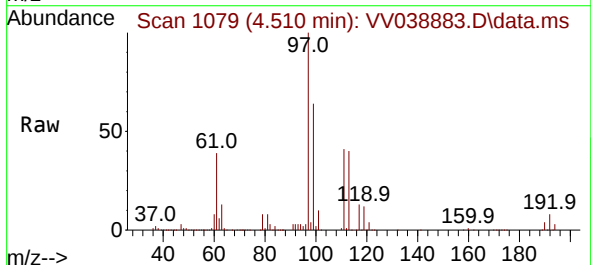
Instrument :
MSVOA_V
ClientSampleId :

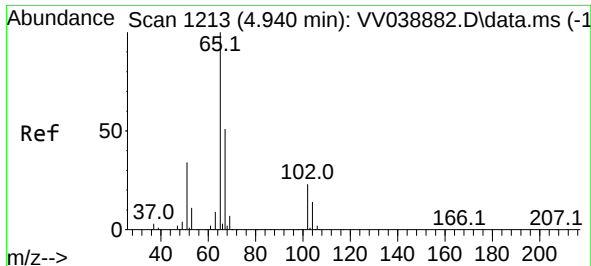
Tgt Ion: 56 Resp: 627491
Ion Ratio Lower Upper
56 100
69 33.2 28.2 42.2
84 90.6 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 90.179 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 97 Resp: 938985
Ion Ratio Lower Upper
97 100
99 62.3 50.1 75.1
61 39.8 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 86.541 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

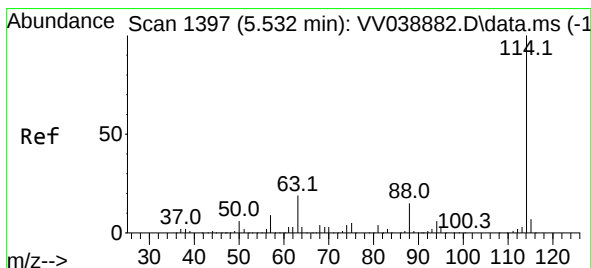
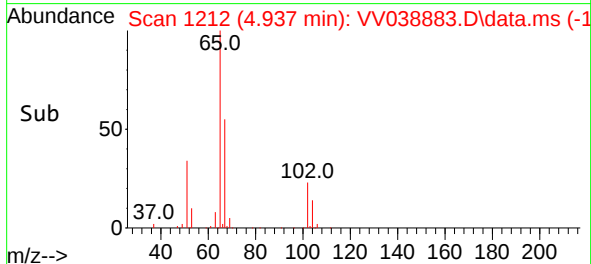
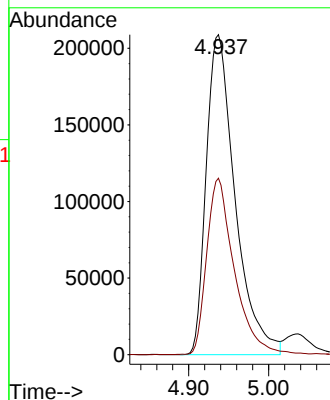
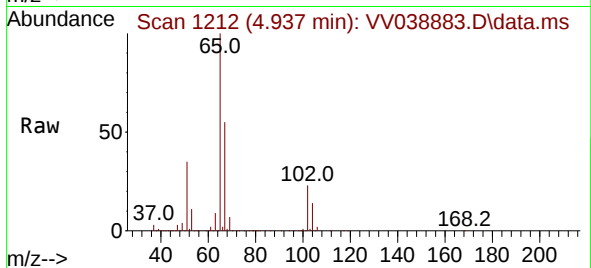
ClientSampleId :

Tgt Ion: 65 Resp: 524430

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

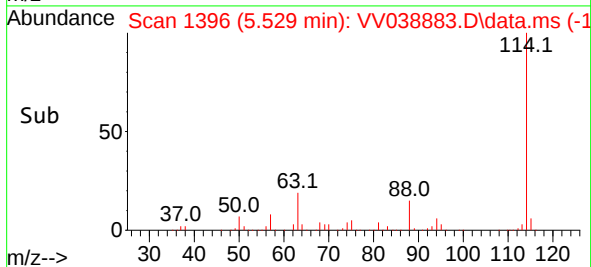
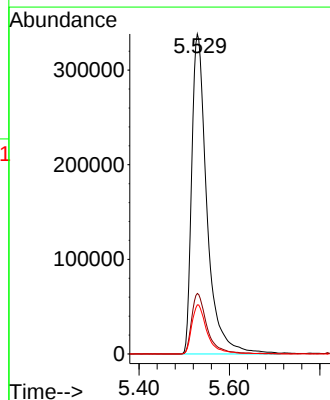
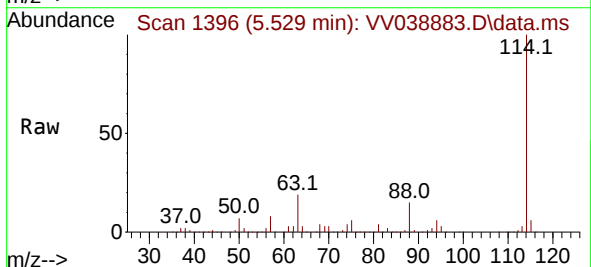
Tgt Ion: 114 Resp: 792399

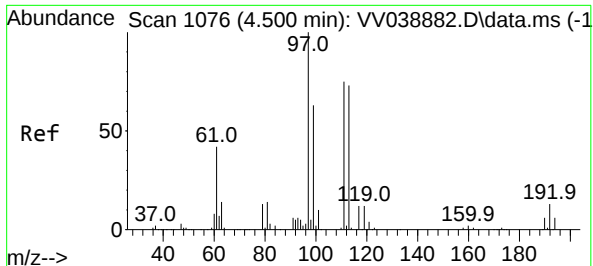
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.2

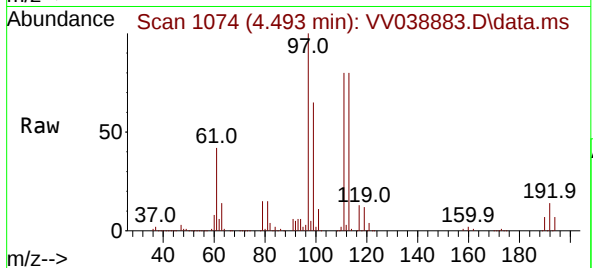
88 15.4 0.0 30.8



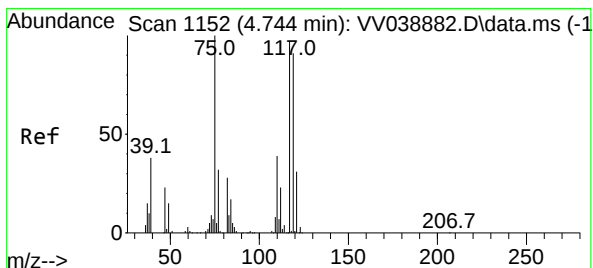
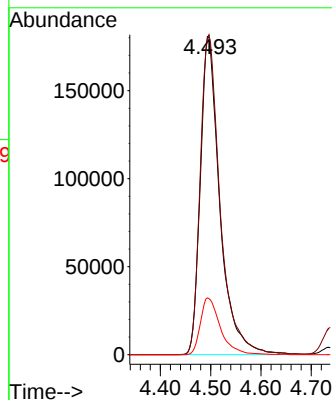
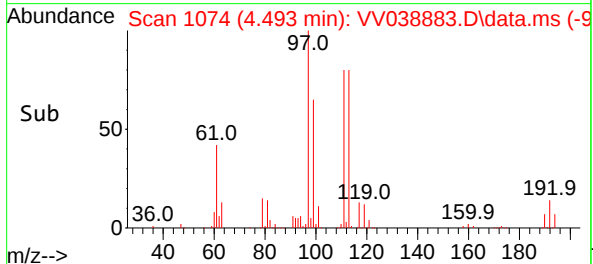


#35
Dibromofluoromethane
Concen: 90.175 ug/l
RT: 4.493 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Instrument :
MSVOA_V
ClientSampleId :

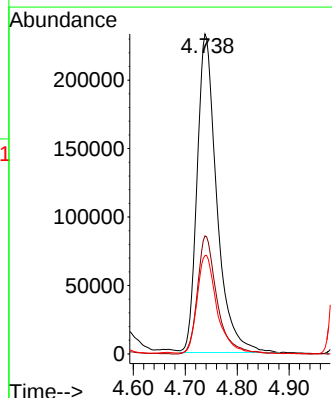
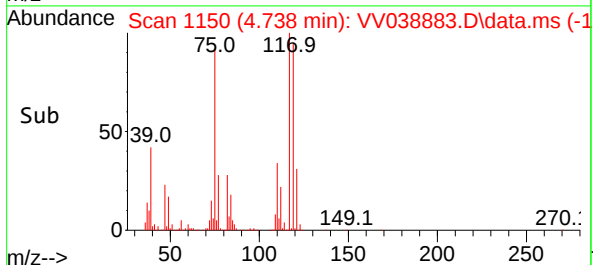
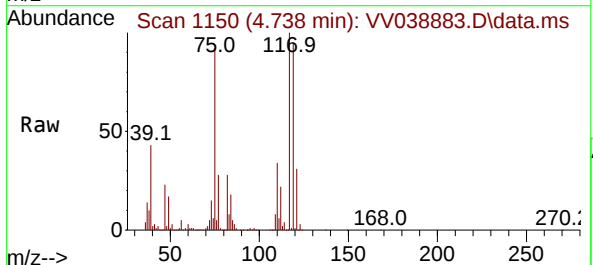


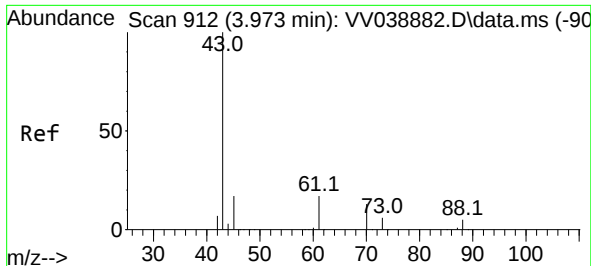
Tgt Ion:113 Resp: 487177
Ion Ratio Lower Upper
113 100
111 102.5 83.3 124.9
192 18.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 98.702 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 75 Resp: 612835
Ion Ratio Lower Upper
75 100
110 36.5 18.8 56.3
77 30.6 24.2 36.4





#37

Ethyl Acetate

Concen: 100.563 ug/l

RT: 3.969 min Scan# 91

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

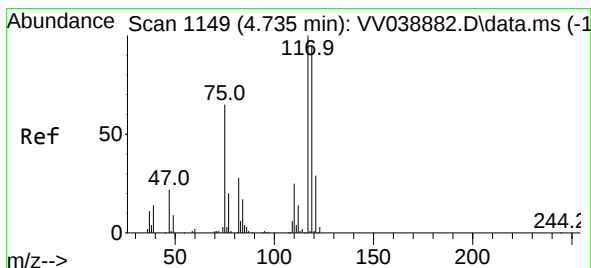
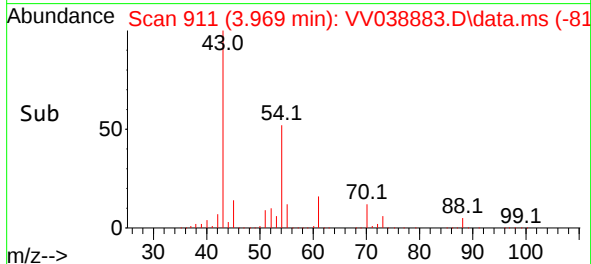
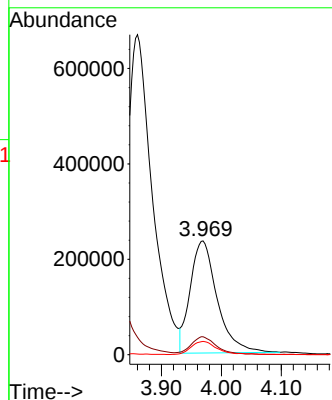
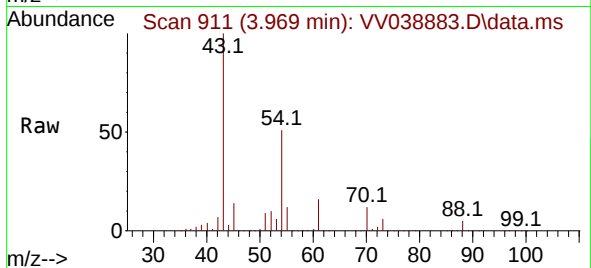
Tgt Ion: 43 Resp: 735149

Ion Ratio Lower Upper

43 100

61 13.8 11.1 16.7

70 10.6 8.9 13.3



#38

Carbon Tetrachloride

Concen: 92.889 ug/l

RT: 4.731 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

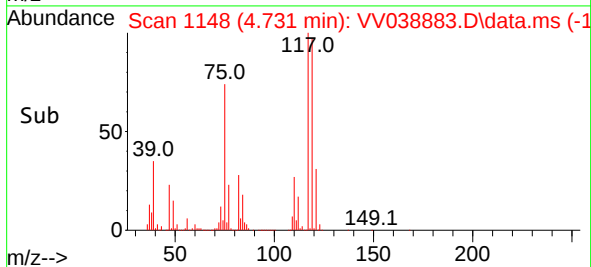
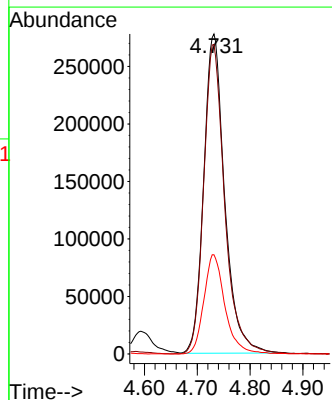
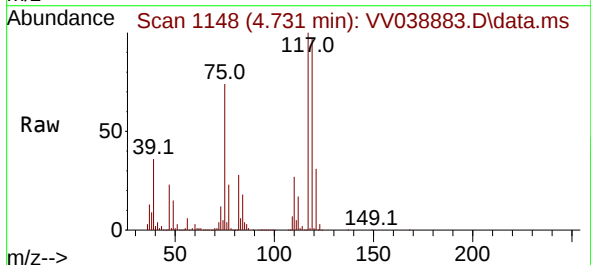
Tgt Ion:117 Resp: 766098

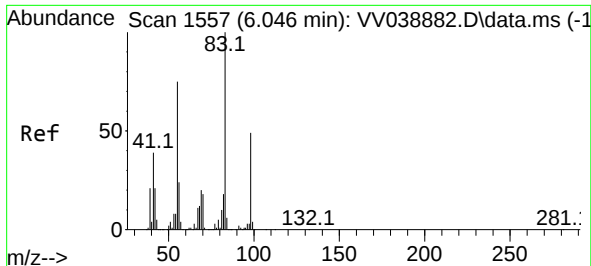
Ion Ratio Lower Upper

117 100

119 96.9 76.0 114.0

121 31.1 23.1 34.7





#39

Methylcyclohexane

Concen: 100.780 ug/l

RT: 6.043 min Scan# 1

Delta R.T. -0.003 min

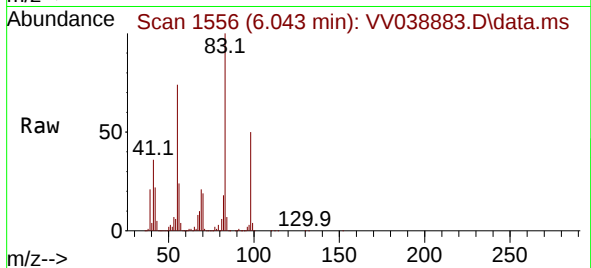
Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :



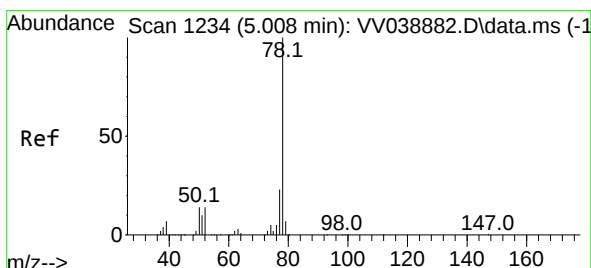
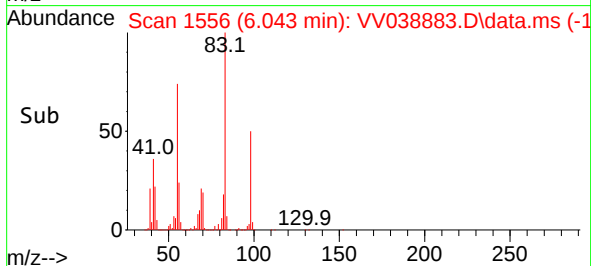
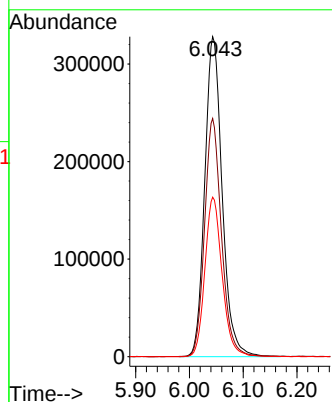
Tgt Ion: 83 Resp: 738326

Ion Ratio Lower Upper

83 100

55 74.4 60.0 90.0

98 49.9 39.0 58.6



#40

Benzene

Concen: 95.505 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038883.D

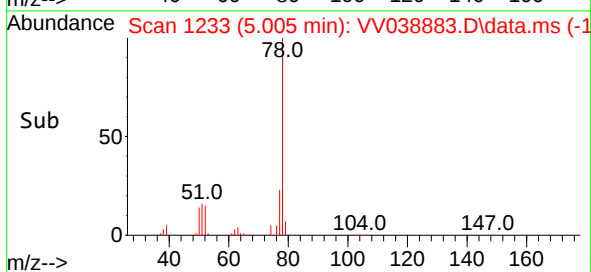
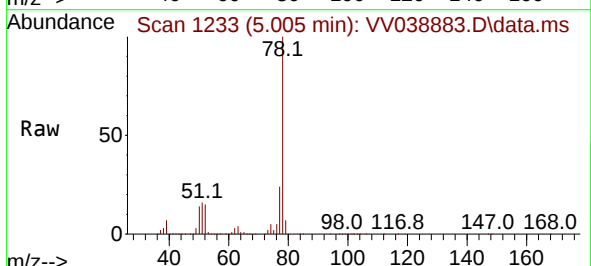
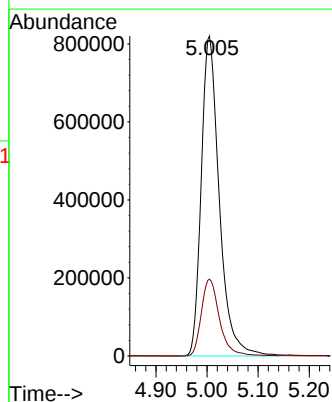
Acq: 11 Jul 2025 10:07

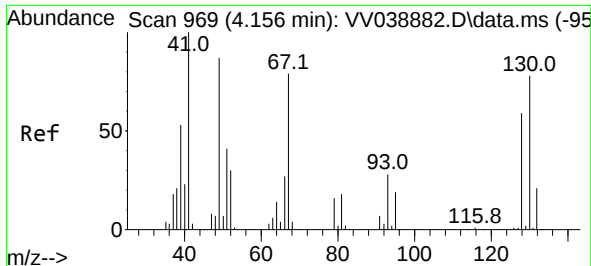
Tgt Ion: 78 Resp: 2010215

Ion Ratio Lower Upper

78 100

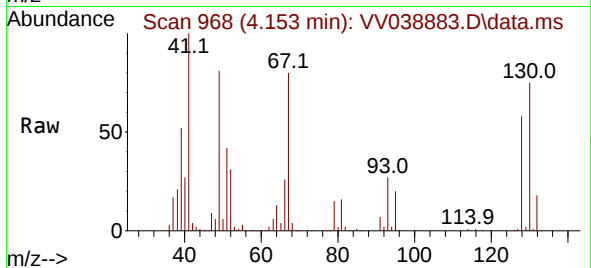
77 24.0 18.6 28.0





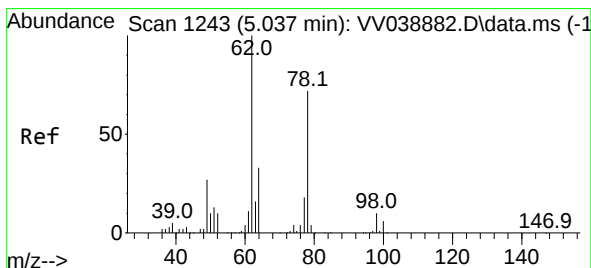
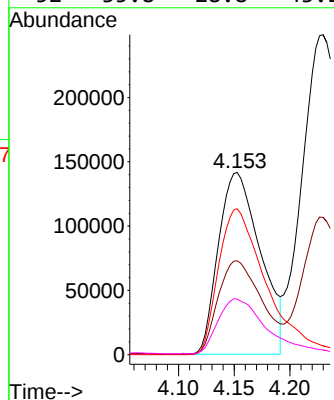
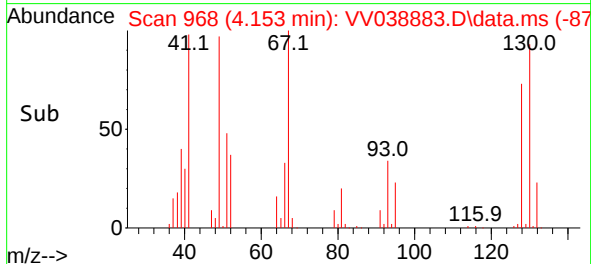
#41
Methacrylonitrile
Concen: 112.030 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 41 Resp: 371126

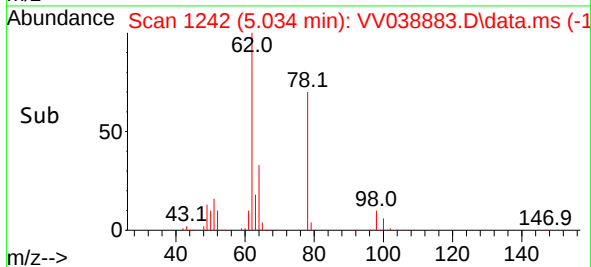
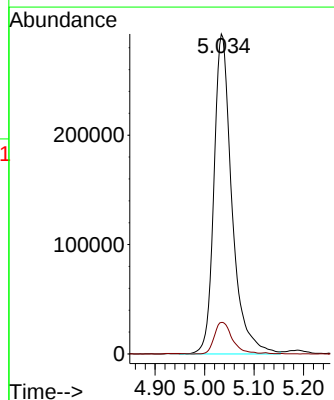
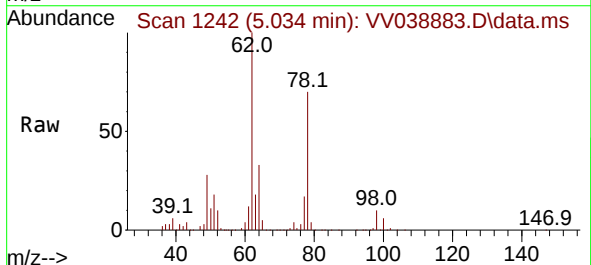
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.0	63.0
67	93.0	76.2	114.2
52	35.8	28.8	43.2

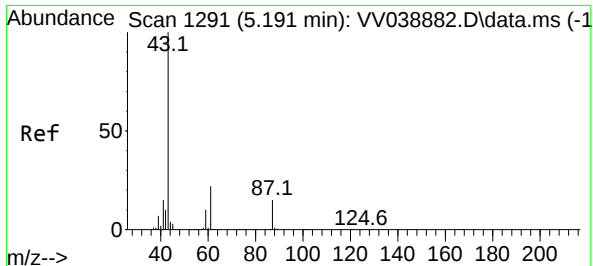


#42
1,2-Dichloroethane
Concen: 92.162 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 62 Resp: 739410

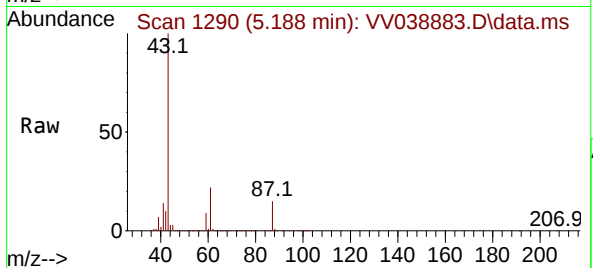
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.8





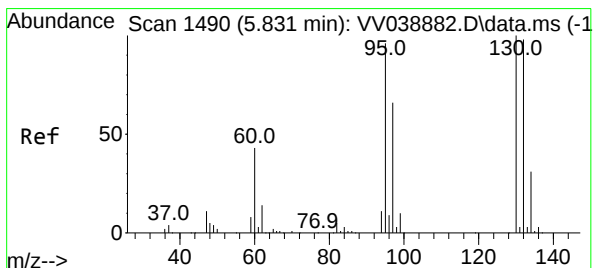
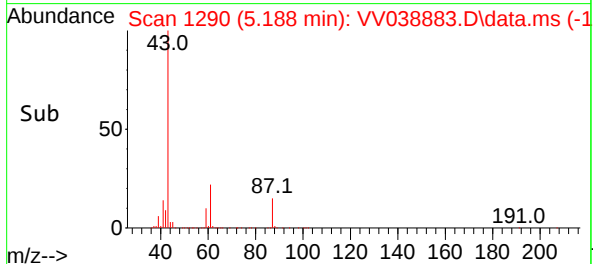
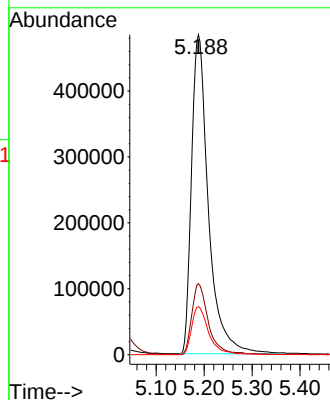
#43
Isopropyl Acetate
Concen: 102.457 ug/l
RT: 5.188 min Scan# 1184
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1184548

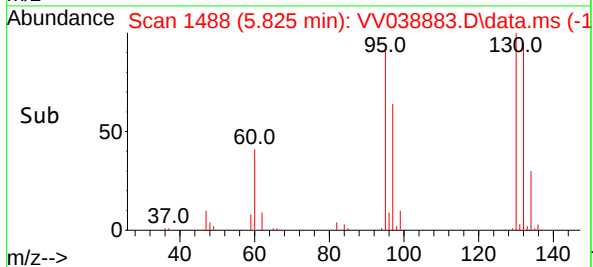
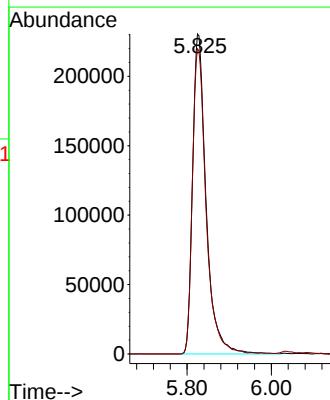
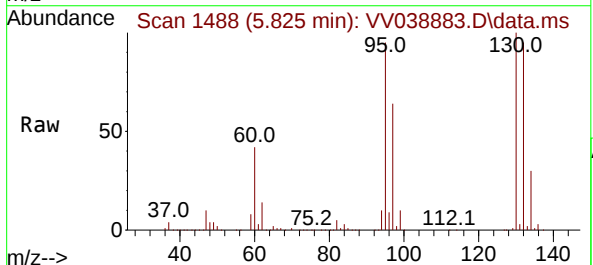
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.1	25.7
87	15.1	12.2	18.4

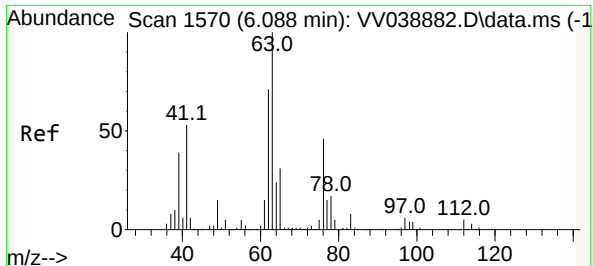


#44
Trichloroethene
Concen: 93.275 ug/l
RT: 5.825 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion:130 Resp: 513017

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	191.2





#45

1,2-Dichloropropane

Concen: 95.372 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

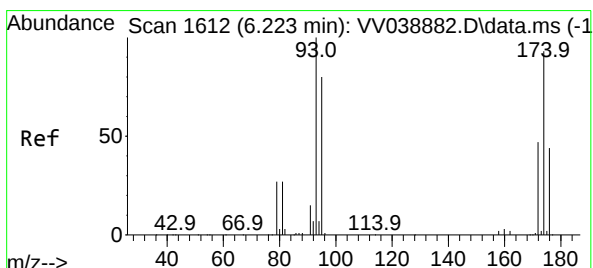
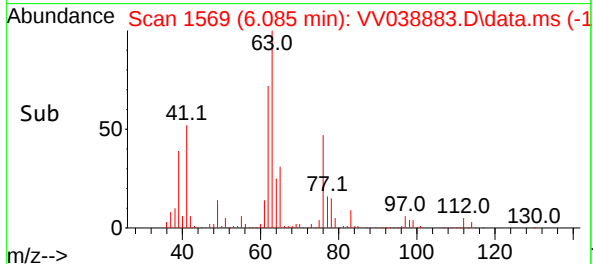
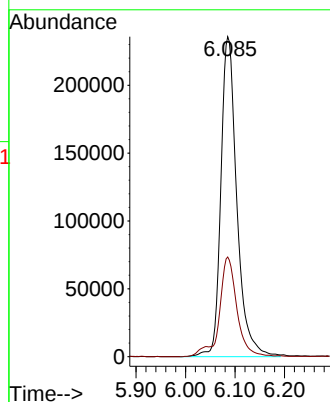
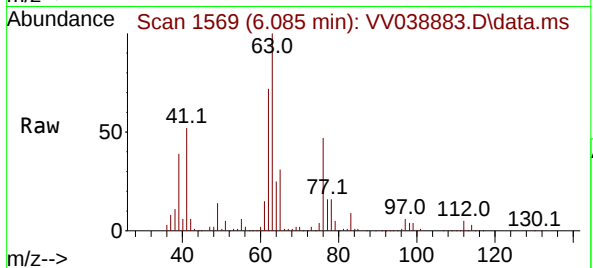
ClientSampleId :

Tgt Ion: 63 Resp: 530273

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 93.465 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

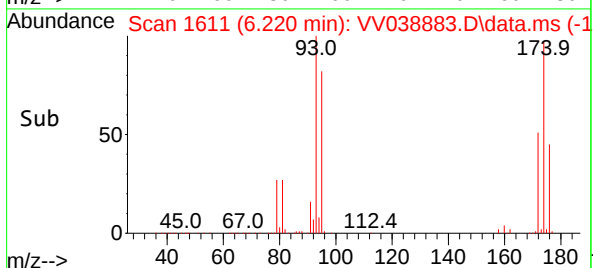
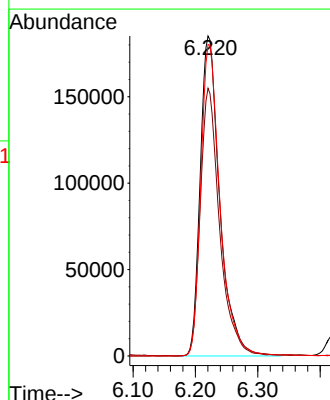
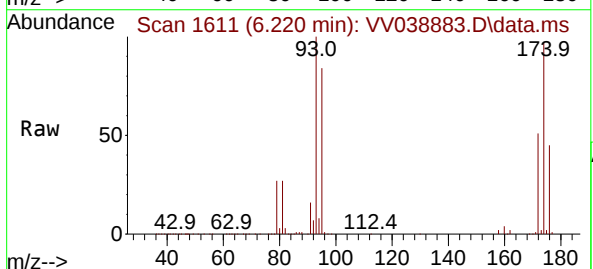
Tgt Ion: 93 Resp: 402079

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 96.4 75.3 112.9

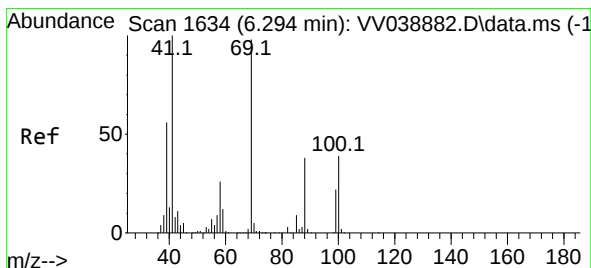
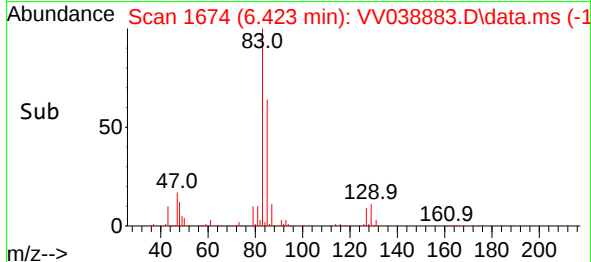
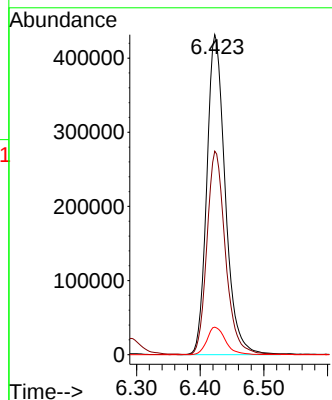
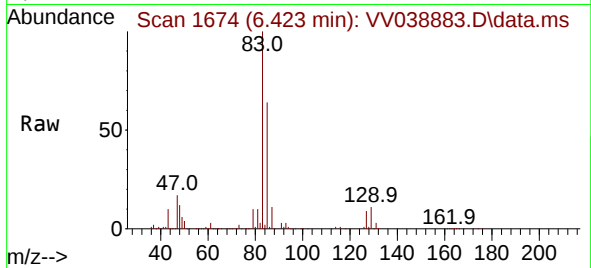




#47
Bromodichloromethane
Concen: 95.189 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

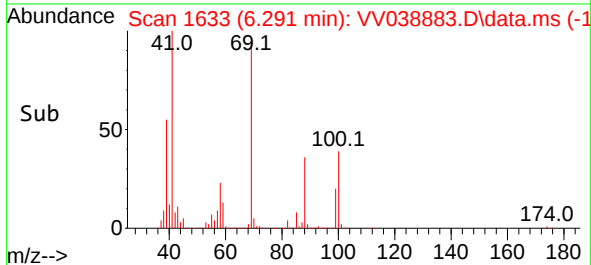
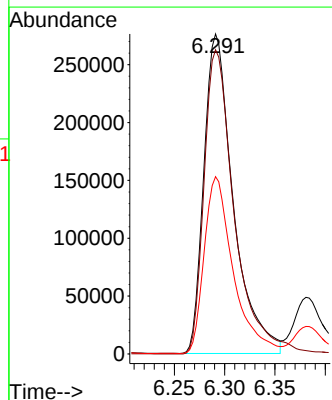
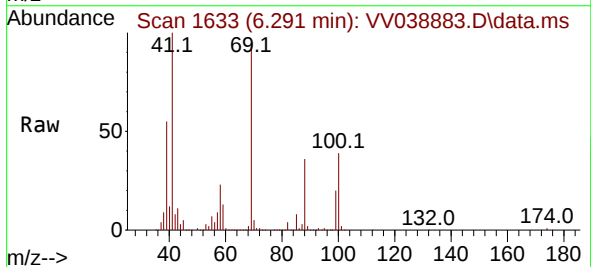
Instrument :
MSVOA_V
ClientSampleId :

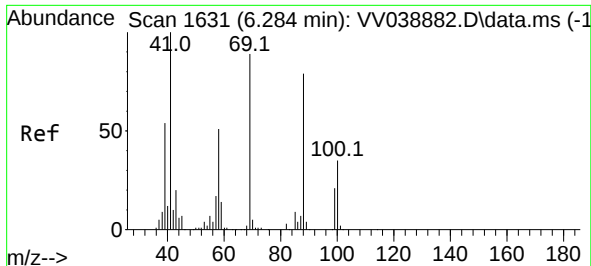
Tgt Ion: 83 Resp: 869067
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 111.092 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 41 Resp: 562472
Ion Ratio Lower Upper
41 100
69 98.2 79.4 119.2
39 54.7 44.0 66.0





#49

1,4-Dioxane

Concen: 2130.131 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

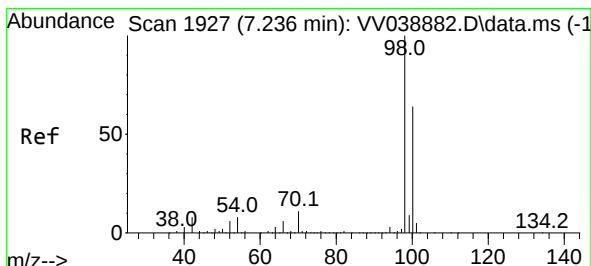
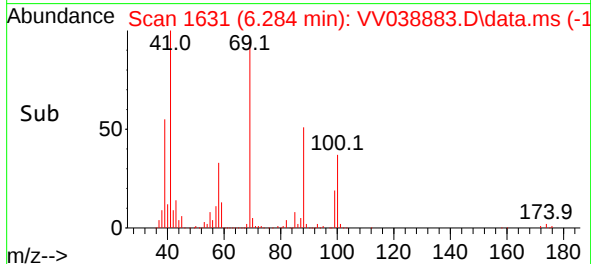
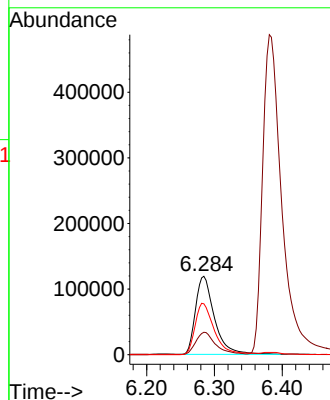
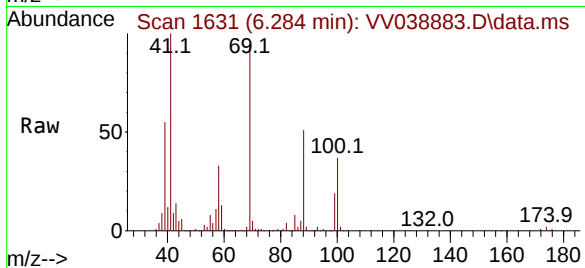
Tgt Ion: 88 Resp: 231473

Ion Ratio Lower Upper

88 100

43 29.3 23.0 34.4

58 66.2 53.8 80.6



#50

Toluene-d8

Concen: 90.881 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038883.D

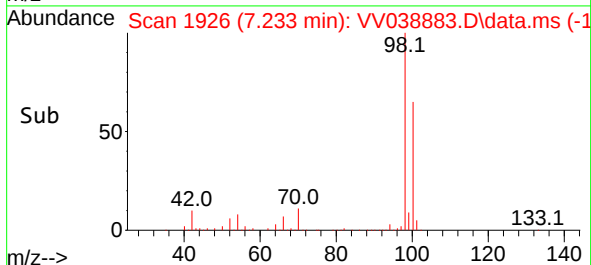
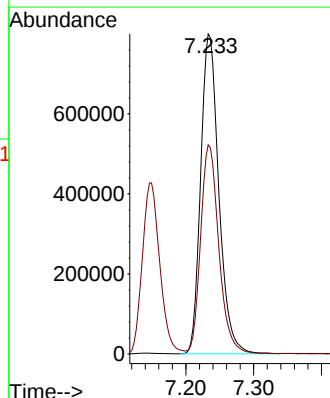
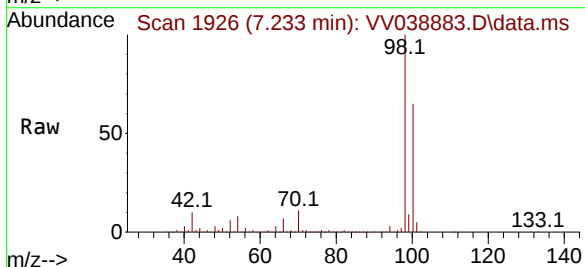
Acq: 11 Jul 2025 10:07

Tgt Ion: 98 Resp: 1484134

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3

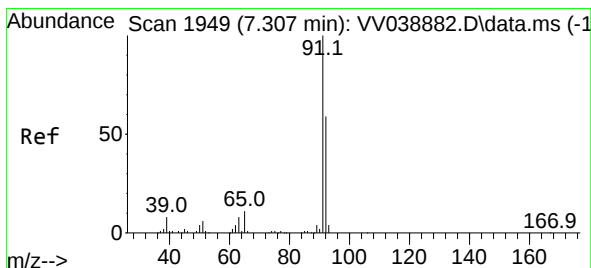
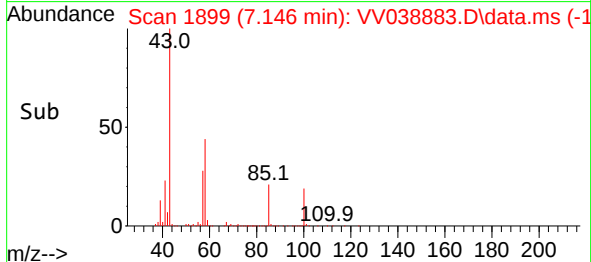
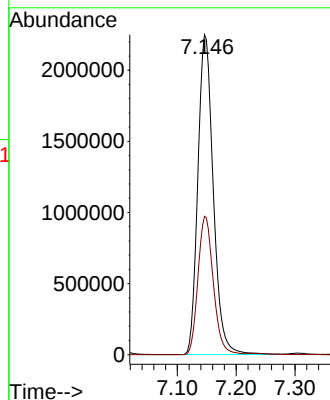
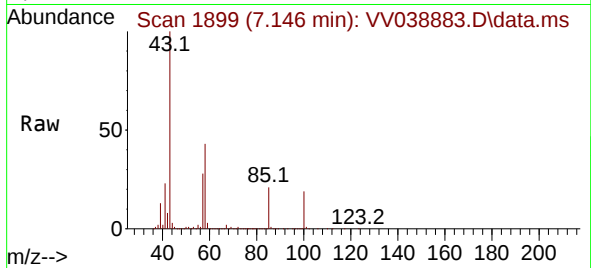




#51
4-Methyl-2-Pentanone
Concen: 520.655 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

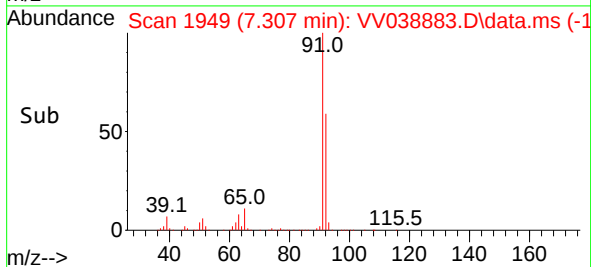
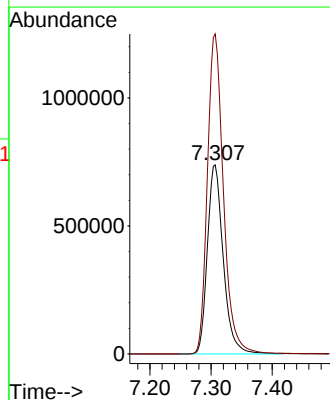
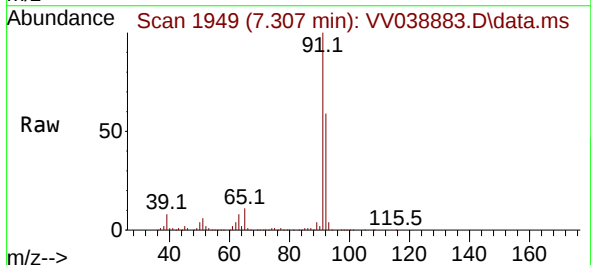
Instrument :
MSVOA_V
ClientSampleId :

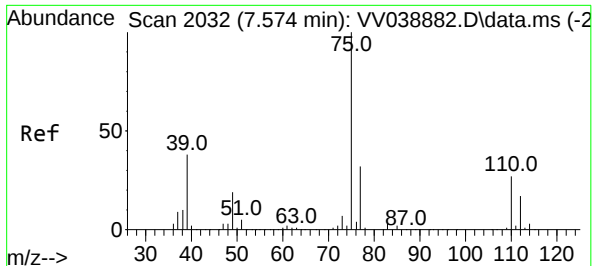
Tgt Ion: 43 Resp: 4098818
Ion Ratio Lower Upper
43 100
58 43.0 34.5 51.7



#52
Toluene
Concen: 100.699 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 92 Resp: 1335245
Ion Ratio Lower Upper
92 100
91 171.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 104.804 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

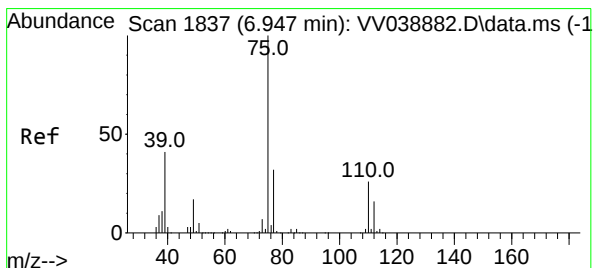
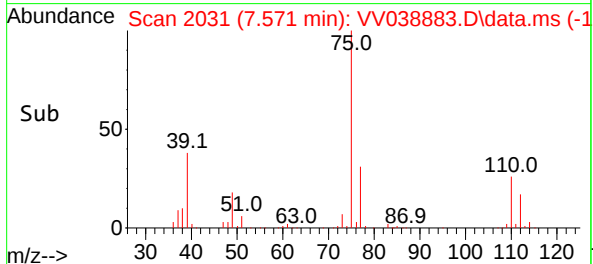
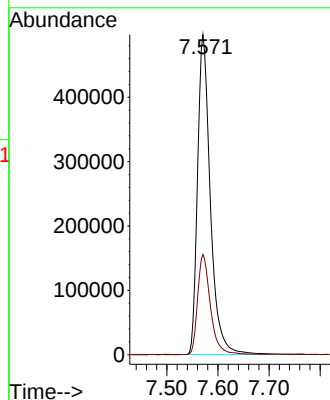
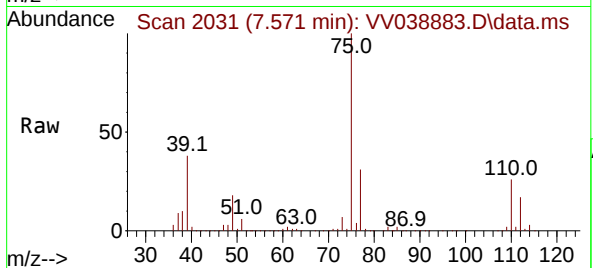
ClientSampleId :

Tgt Ion: 75 Resp: 865794

Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 100.453 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

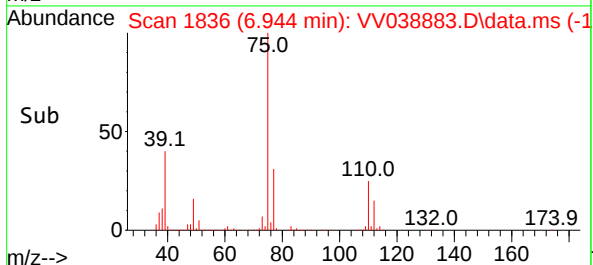
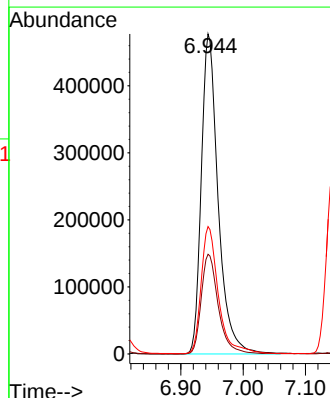
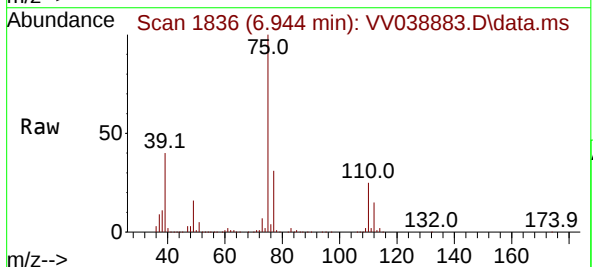
Tgt Ion: 75 Resp: 897067

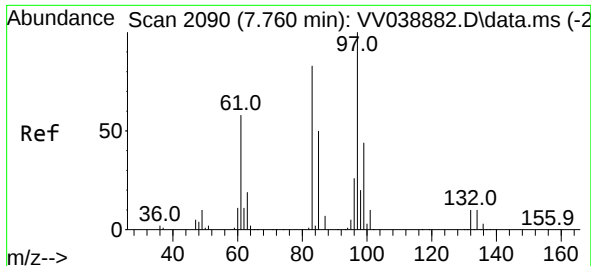
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 39.7 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 93.795 ug/l

RT: 7.757 min Scan# 2090

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 594459

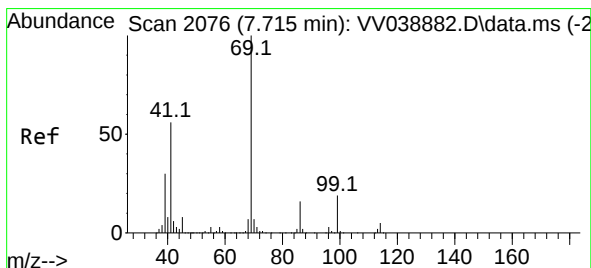
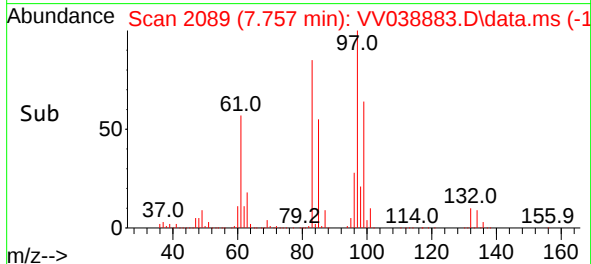
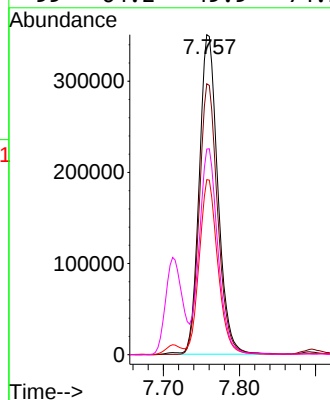
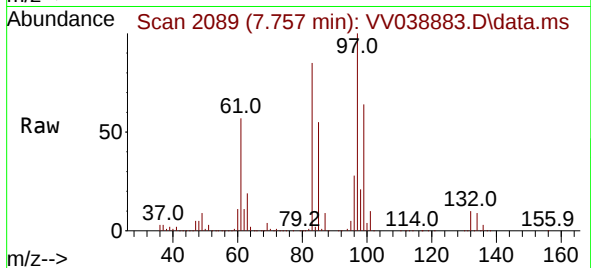
Ion Ratio Lower Upper

97 100

83 84.6 66.2 99.4

85 54.6 41.4 62.2

99 64.2 49.9 74.9



#56

Ethyl methacrylate

Concen: 120.603 ug/l

RT: 7.712 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

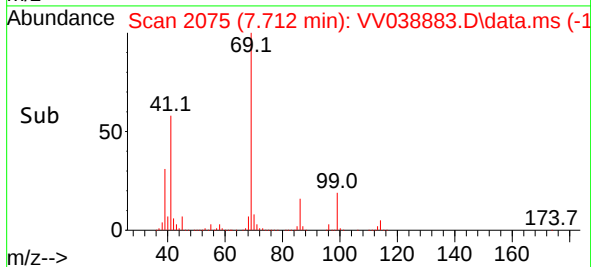
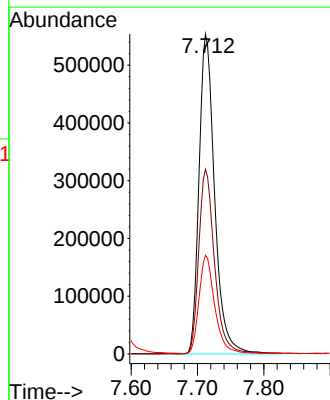
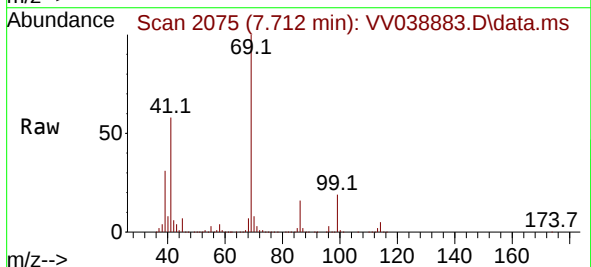
Tgt Ion: 69 Resp: 908312

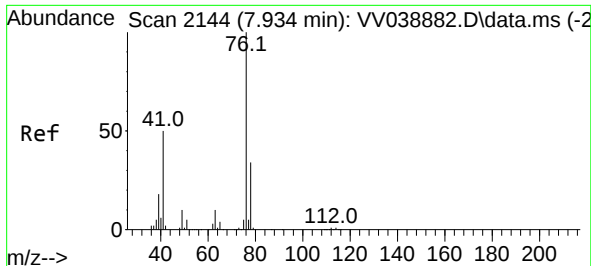
Ion Ratio Lower Upper

69 100

41 57.9 45.7 68.5

39 30.7 23.8 35.8





#57

1,3-Dichloropropane

Concen: 98.441 ug/l

RT: 7.931 min Scan# 2144

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

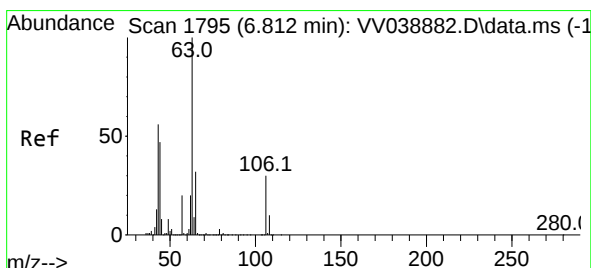
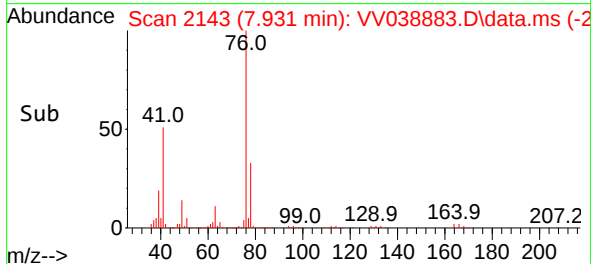
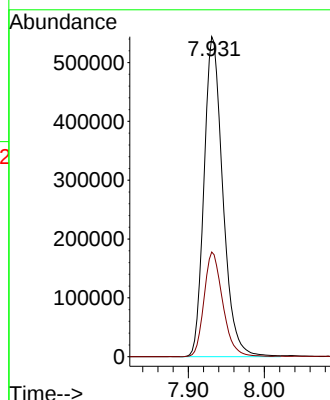
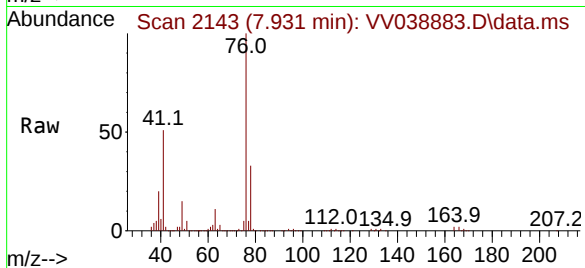
ClientSampleId :

Tgt Ion: 76 Resp: 935485

Ion Ratio Lower Upper

76 100

78 32.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 499.313 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VV038883.D

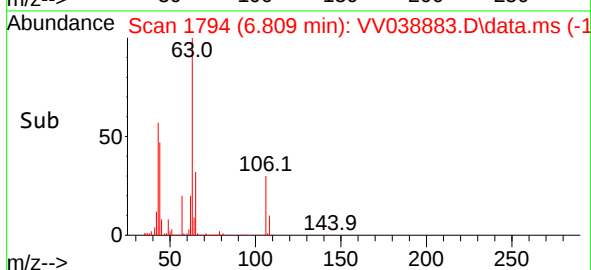
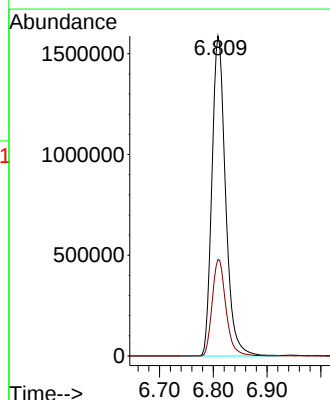
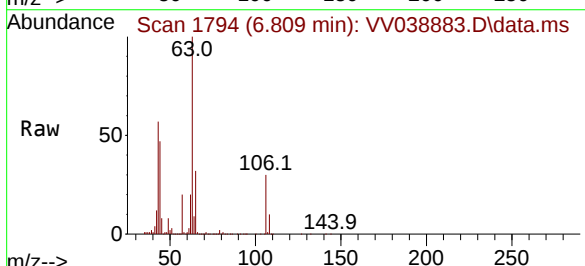
Acq: 11 Jul 2025 10:07

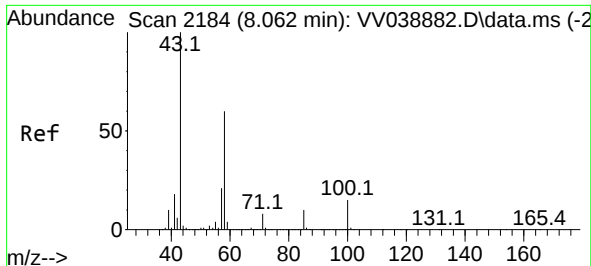
Tgt Ion: 63 Resp: 2798830

Ion Ratio Lower Upper

63 100

106 30.4 24.1 36.1

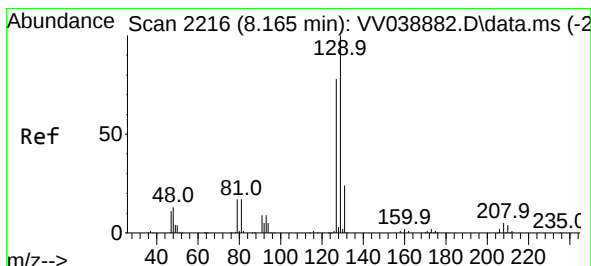
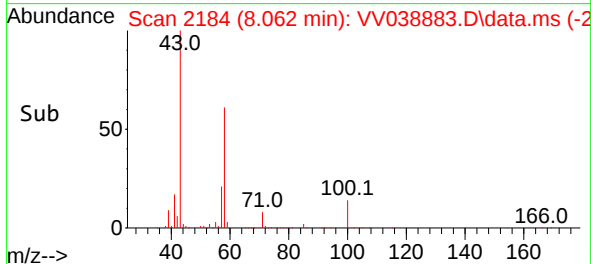
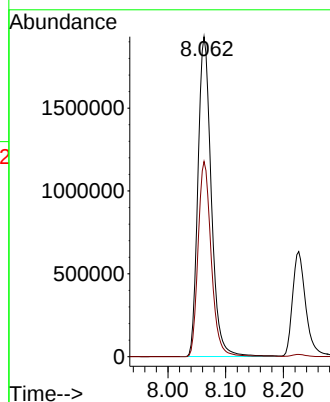
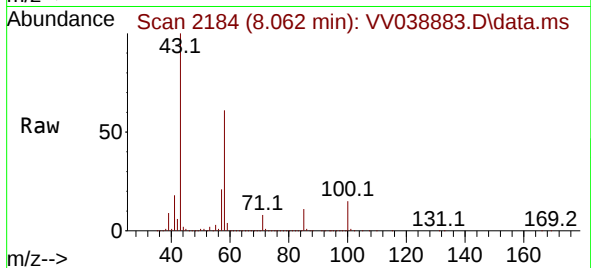




#59
2-Hexanone
Concen: 528.342 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

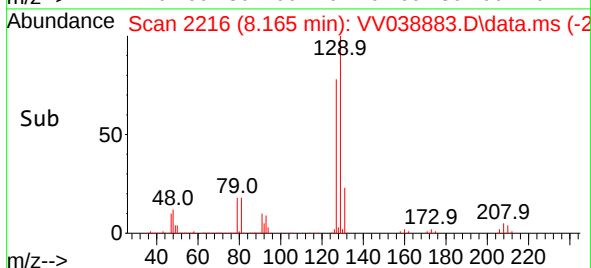
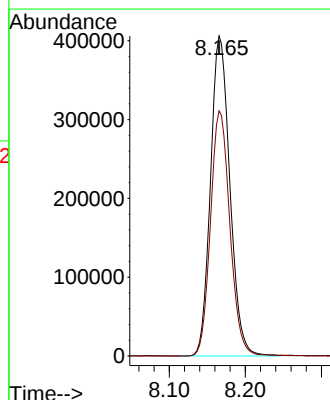
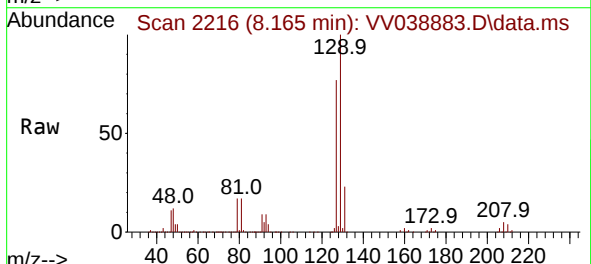
Instrument :
MSVOA_V
ClientSampleId :

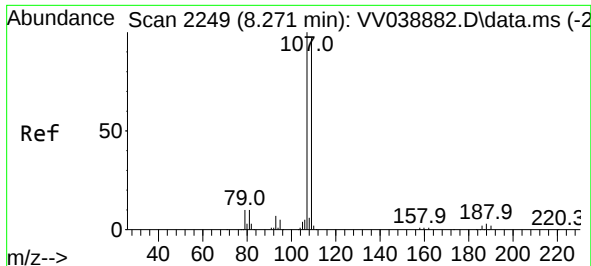
Tgt Ion: 43 Resp: 3096236
Ion Ratio Lower Upper
43 100
58 60.4 29.6 88.8



#60
Dibromochloromethane
Concen: 96.204 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 129 Resp: 718023
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2

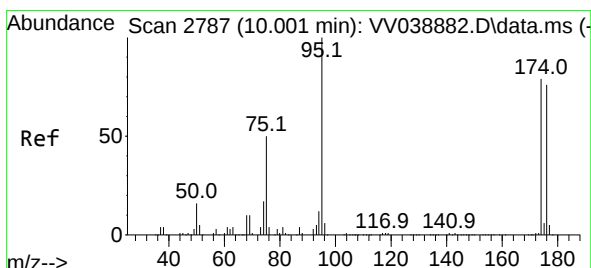
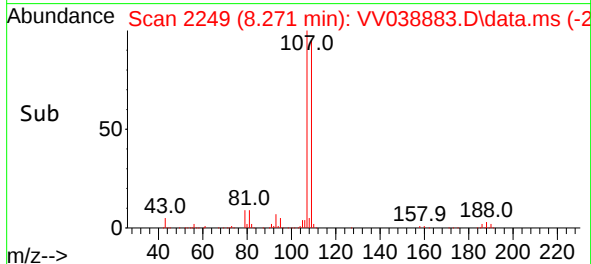
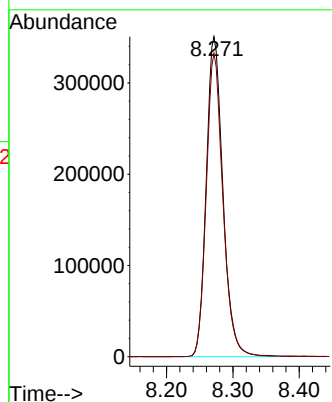
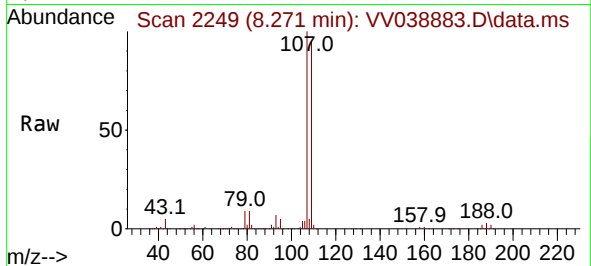




#61
1,2-Dibromoethane
Concen: 96.126 ug/l
RT: 8.271 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

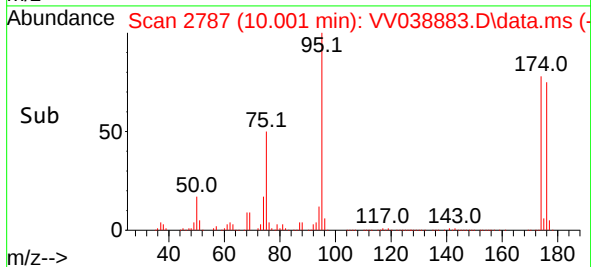
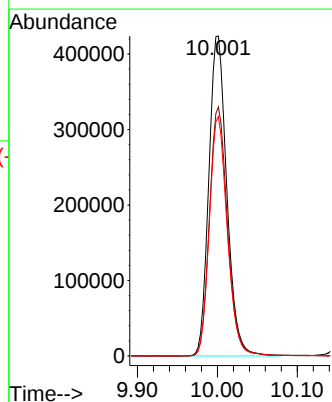
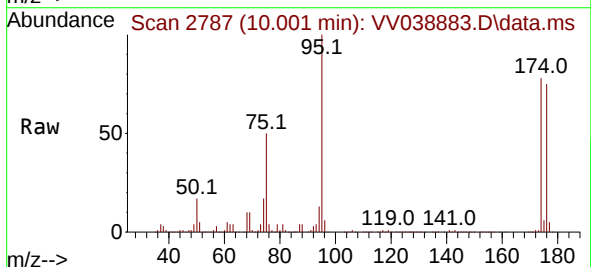
Instrument :
MSVOA_V
ClientSampleId :

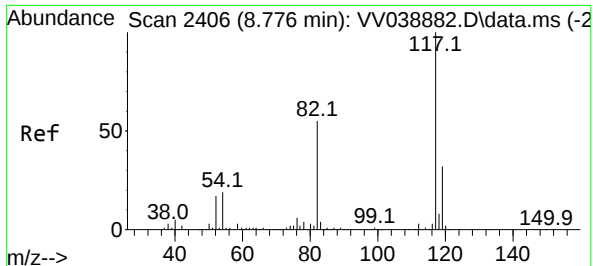
Tgt Ion:107 Resp: 613766
Ion Ratio Lower Upper
107 100
109 94.4 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 100.883 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

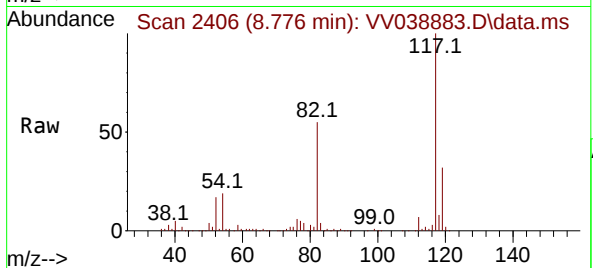
Tgt Ion: 95 Resp: 663662
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.0
176 74.6 0.0 152.2



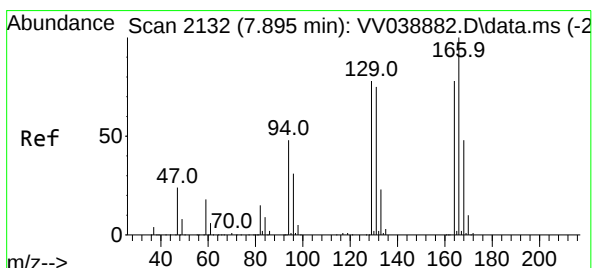
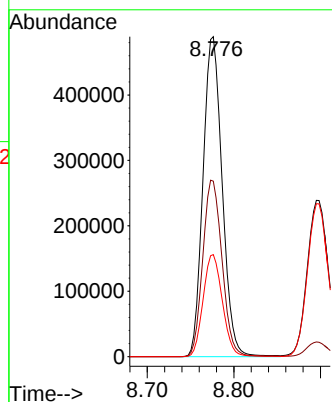
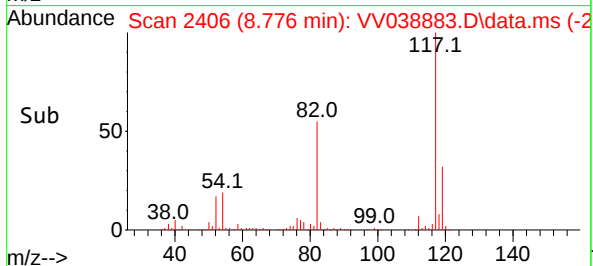


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

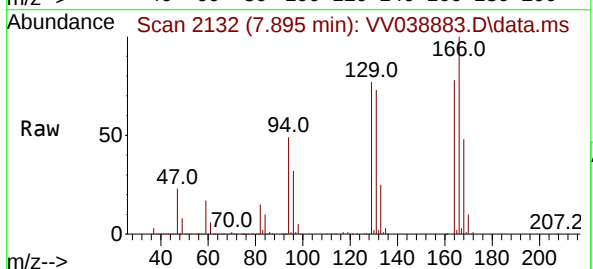
Instrument :
MSVOA_V
ClientSampleId :



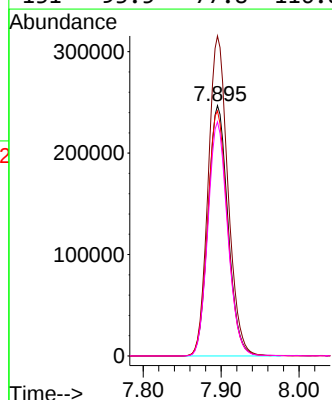
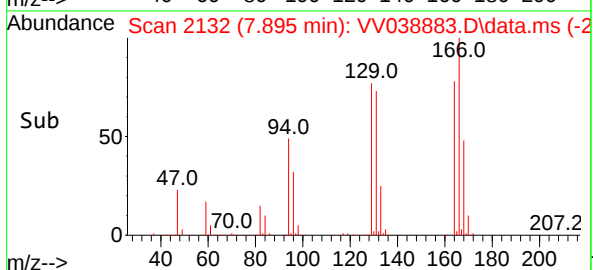
Tgt Ion:117 Resp: 754097
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 31.9 25.4 38.0

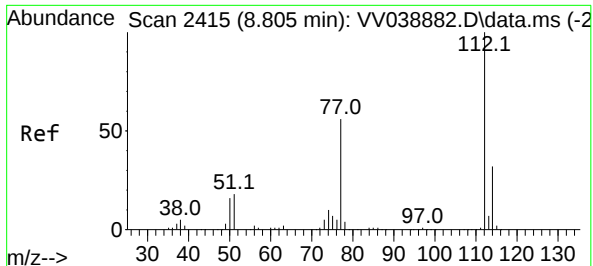


#64
Tetrachloroethene
Concen: 88.595 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07



Tgt Ion:164 Resp: 438160
Ion Ratio Lower Upper
164 100
166 127.8 103.2 154.8
129 97.9 81.0 121.4
131 93.5 77.8 116.8





#65

Chlorobenzene

Concen: 95.081 ug/l

RT: 8.802 min Scan# 2415

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

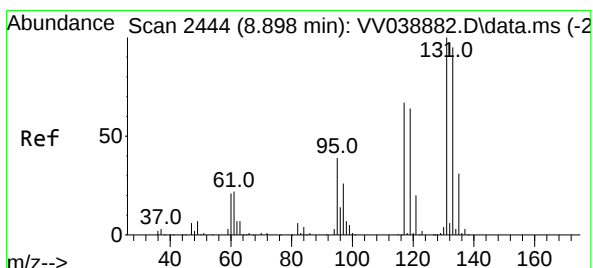
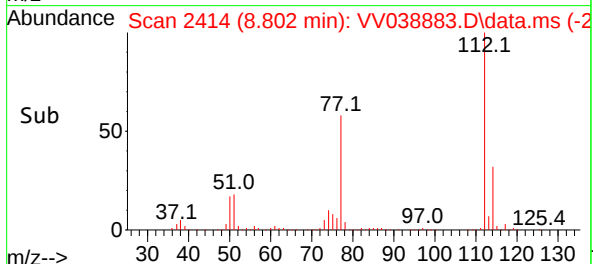
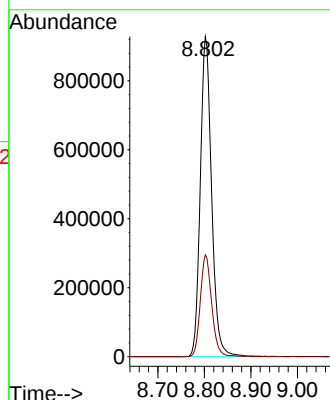
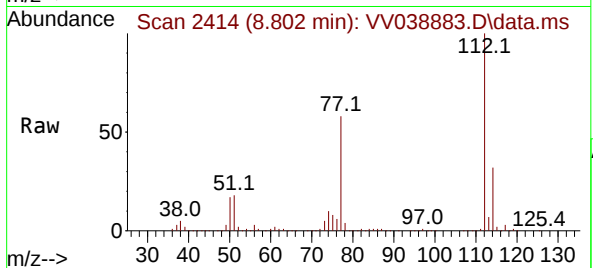
ClientSampleId :

Tgt Ion:112 Resp: 1566661

Ion Ratio Lower Upper

112 100

114 31.8 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 92.995 ug/l

RT: 8.895 min Scan# 2443

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

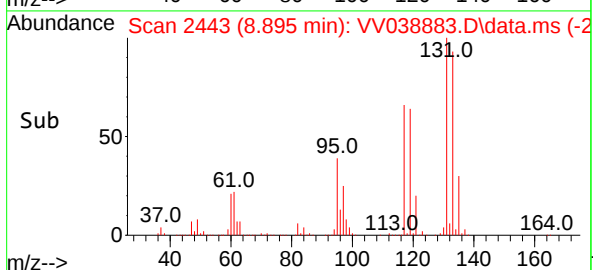
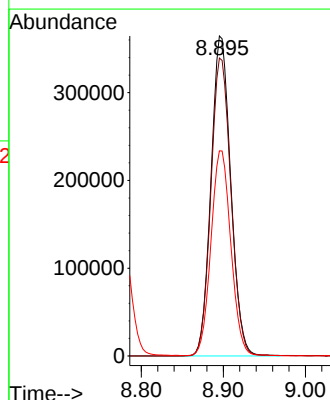
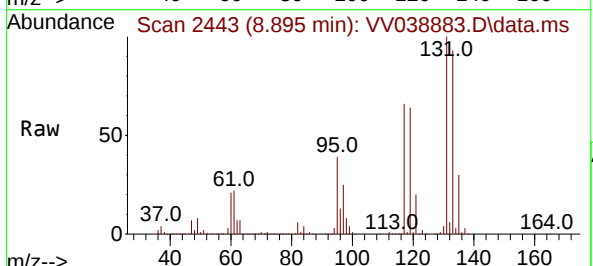
Tgt Ion:131 Resp: 611079

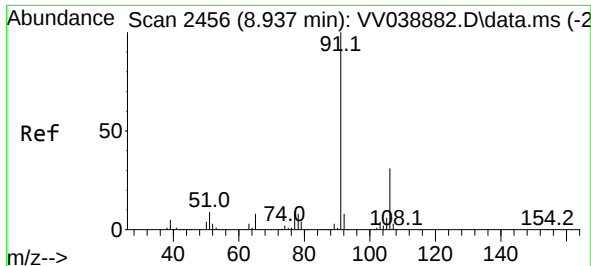
Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.9

119 64.4 32.0 96.2





#67

Ethyl Benzene

Concen: 109.431 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

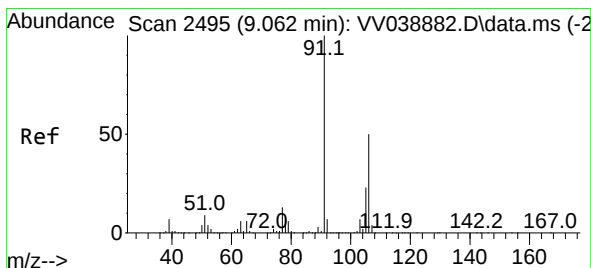
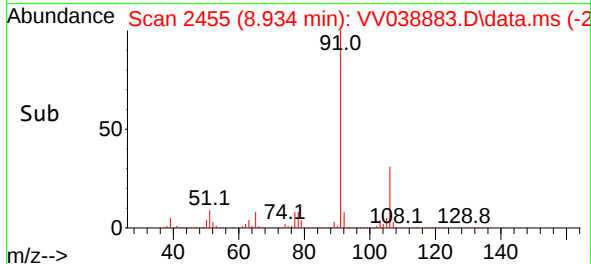
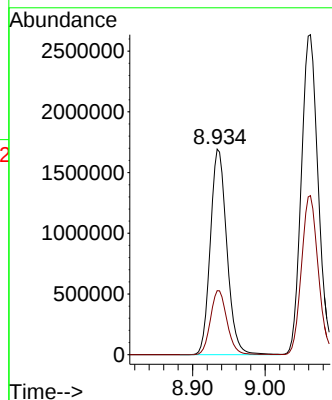
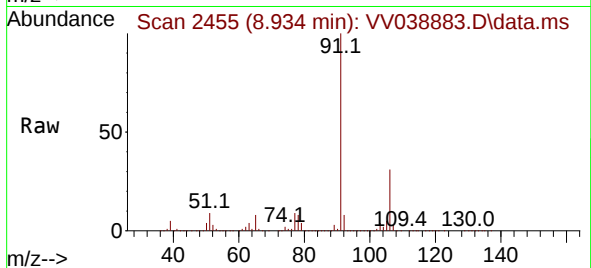
ClientSampleId :

Tgt Ion: 91 Resp: 2677413

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 221.696 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038883.D

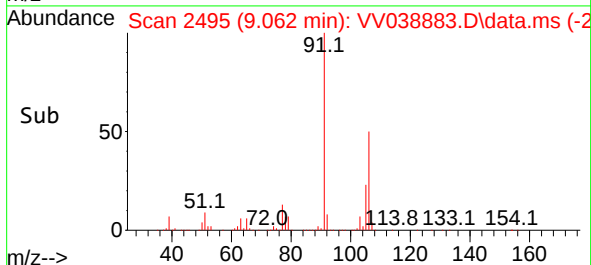
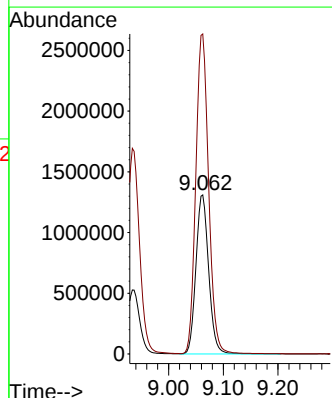
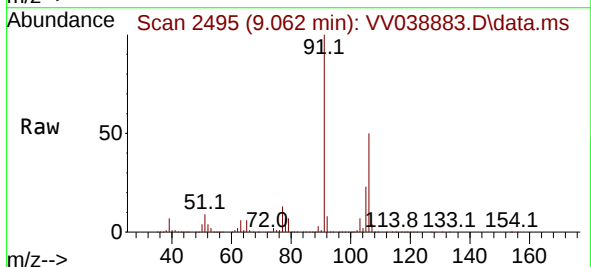
Acq: 11 Jul 2025 10:07

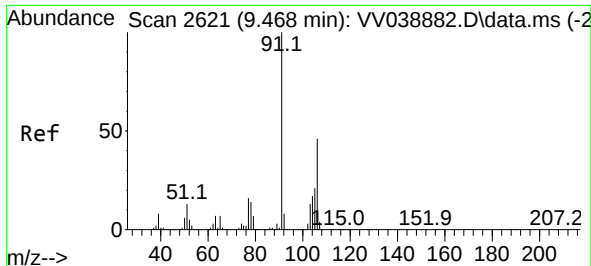
Tgt Ion:106 Resp: 2111801

Ion Ratio Lower Upper

106 100

91 202.6 161.0 241.6

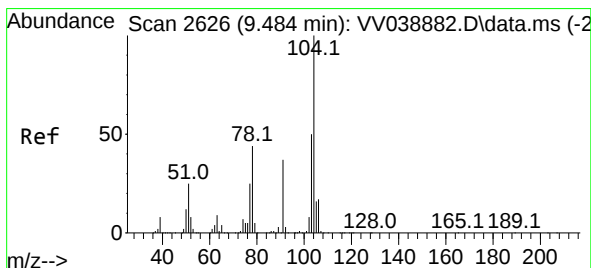
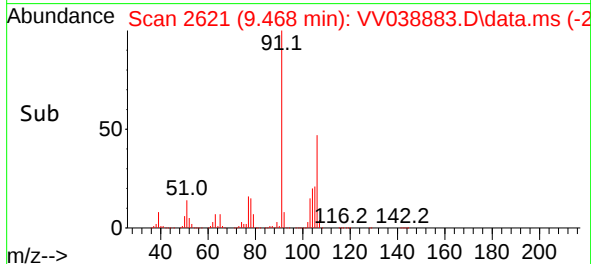
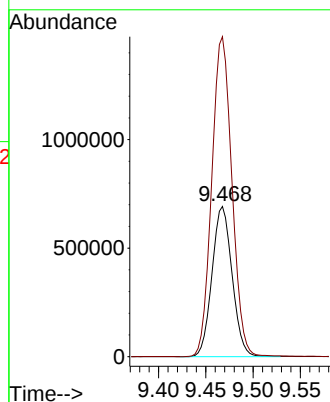
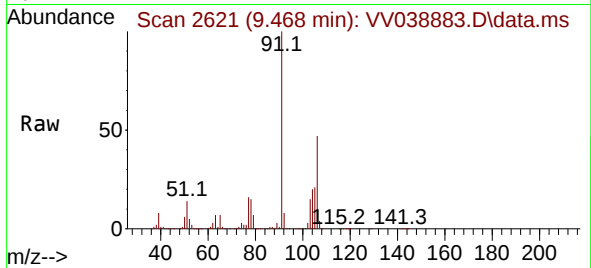




#69
o-Xylene
Concen: 113.499 ug/l
RT: 9.468 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

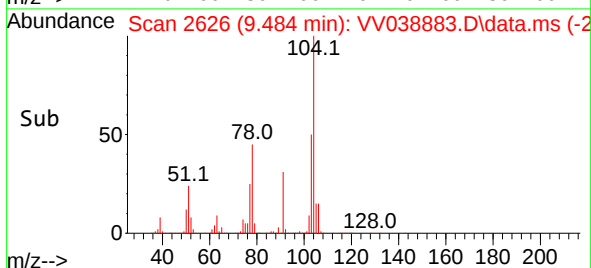
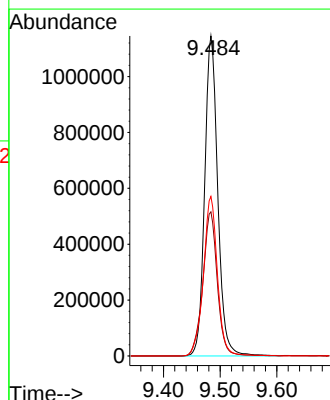
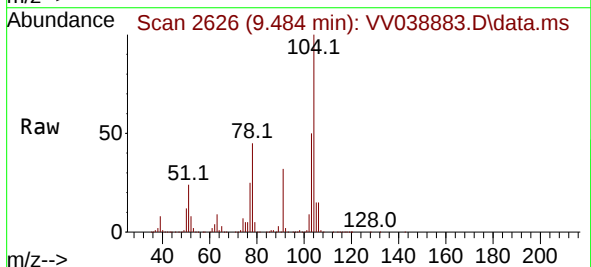
Instrument :
MSVOA_V
ClientSampleId :

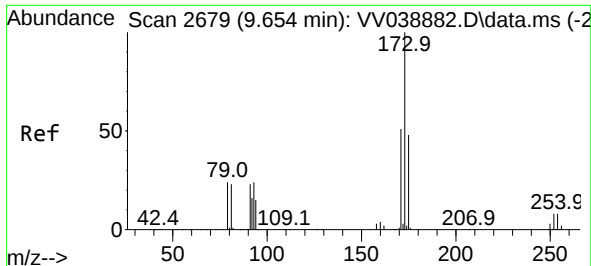
Tgt Ion:106 Resp: 1020445
Ion Ratio Lower Upper
106 100
91 214.4 108.9 326.6



#70
Styrene
Concen: 115.798 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

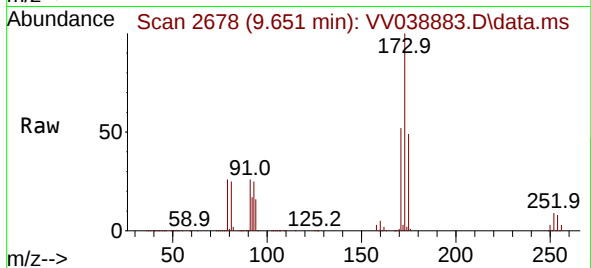
Tgt Ion:104 Resp: 1840073
Ion Ratio Lower Upper
104 100
78 49.6 39.9 59.9
103 53.6 43.4 65.2



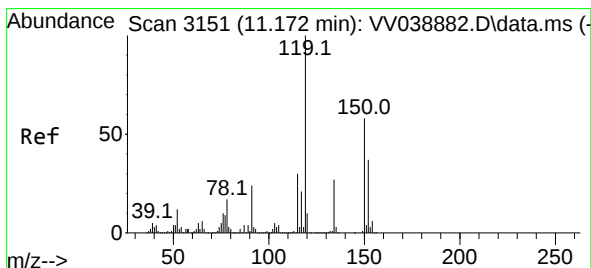
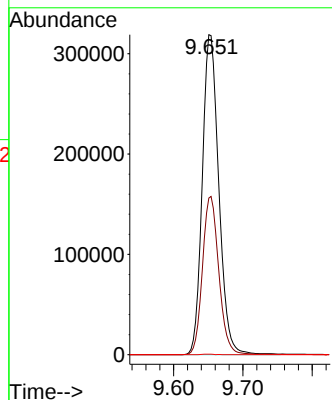
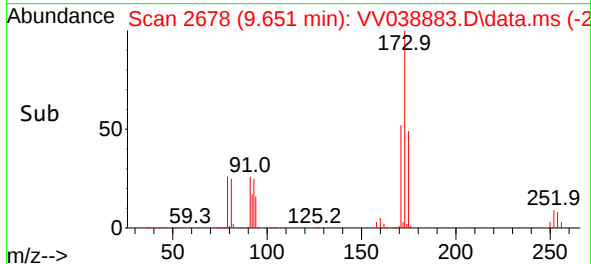


#71
Bromoform
Concen: 98.963 ug/l
RT: 9.651 min Scan# 2679
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

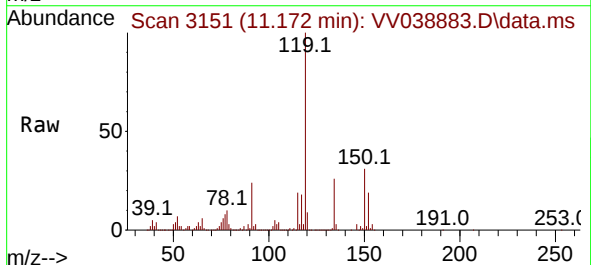
Instrument :
MSVOA_V
ClientSampleId :



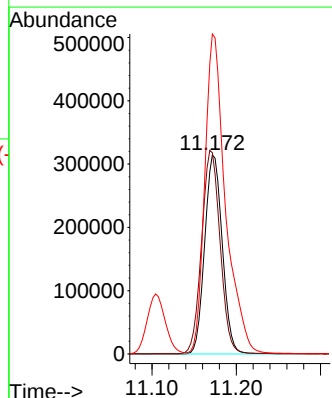
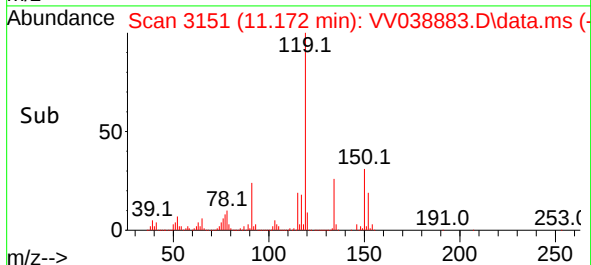
Tgt Ion:173 Resp: 528579
Ion Ratio Lower Upper
173 100
175 48.8 23.5 70.6
254 0.1 0.1 0.1

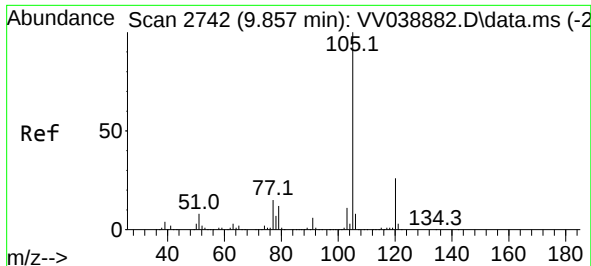


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07



Tgt Ion:152 Resp: 457186
Ion Ratio Lower Upper
152 100
115 107.3 41.8 125.4
150 189.2 0.0 342.4

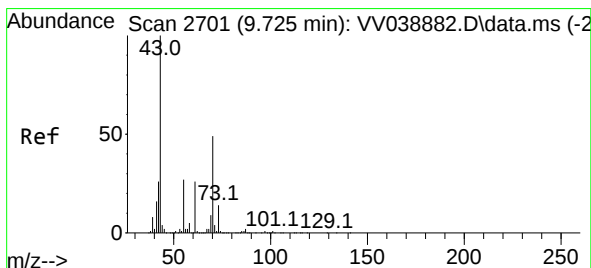
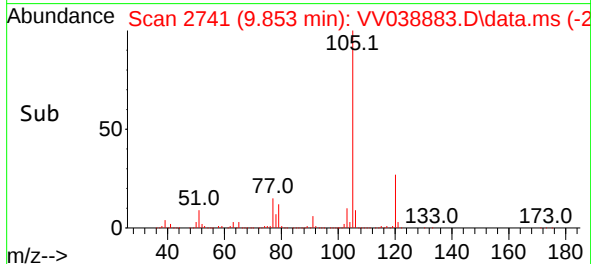
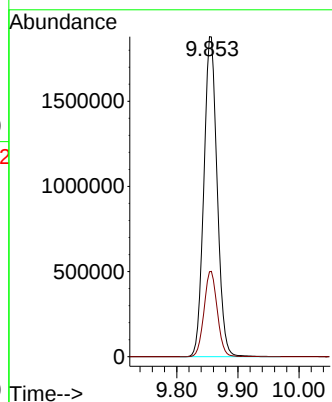
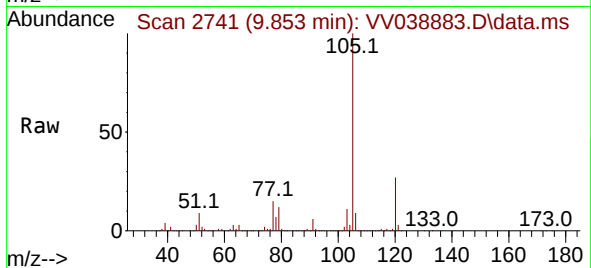




#73
Isopropylbenzene
Concen: 104.021 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

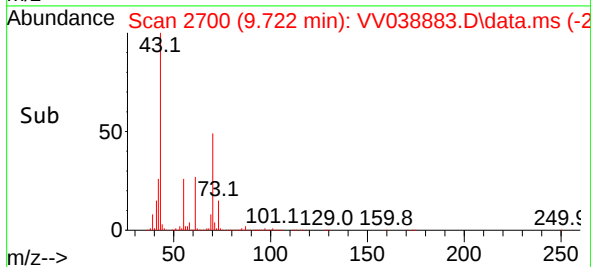
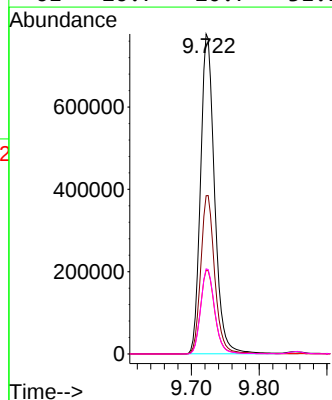
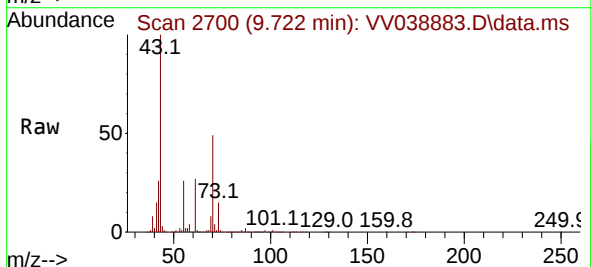
Instrument :
MSVOA_V
ClientSampleId :

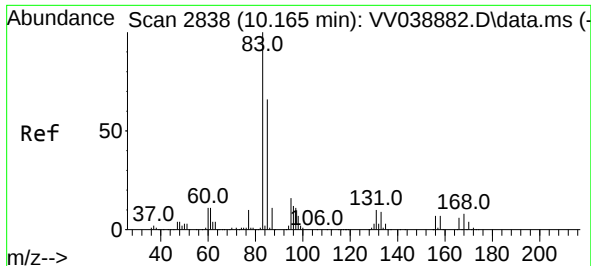
Tgt Ion:105 Resp: 2841586
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.7



#74
N-ethyl acetate
Concen: 111.650 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 43 Resp: 1117257
Ion Ratio Lower Upper
43 100
70 49.3 38.6 58.0
55 26.6 21.8 32.8
61 26.7 20.7 31.1

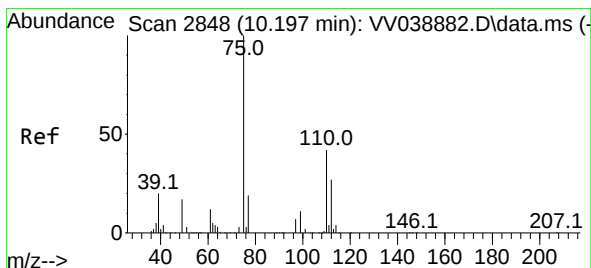
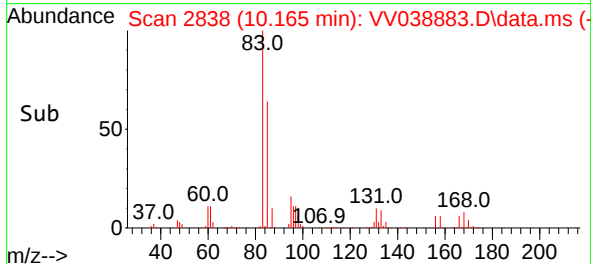
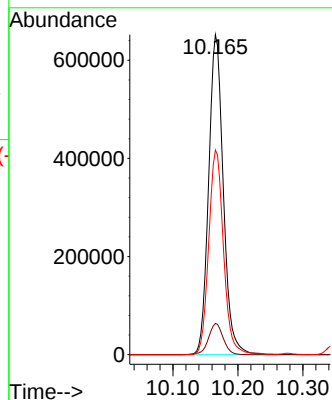
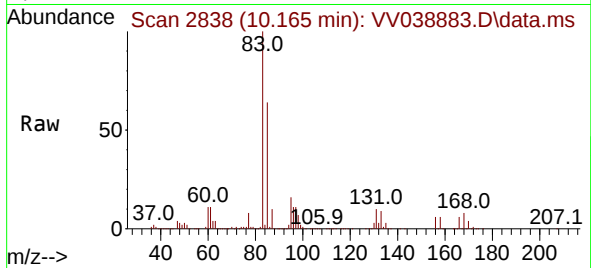




#75
 1,1,2,2-Tetrachloroethane
 Concen: 89.642 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV038883.D
 Acq: 11 Jul 2025 10:07

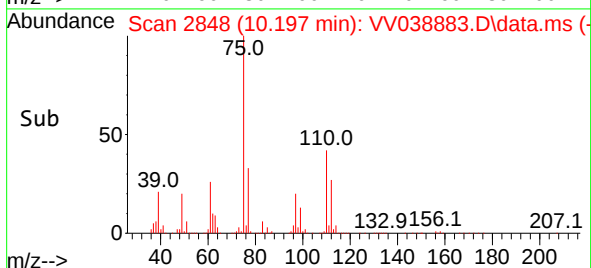
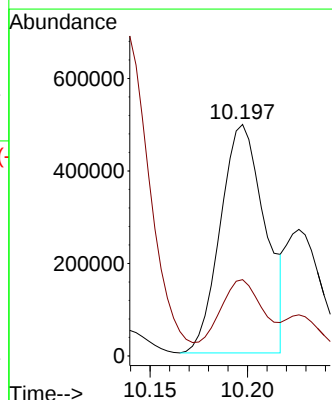
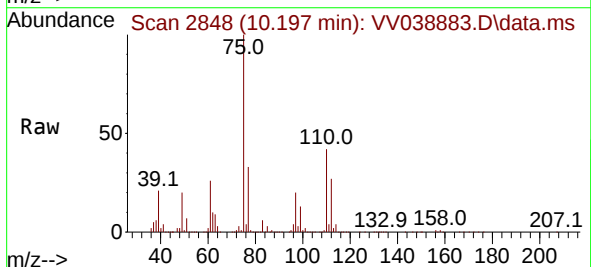
Instrument :
 MSVOA_V
 ClientSampleId :

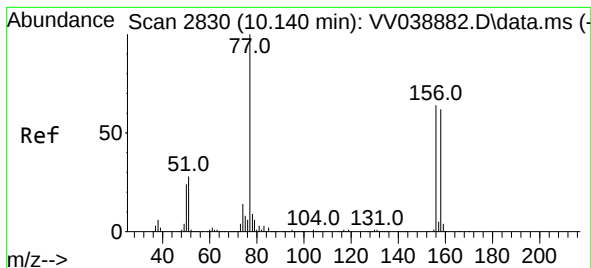
Tgt Ion: 83 Resp: 1025709
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.4
 85 64.5 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 92.860 ug/l
 RT: 10.197 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV038883.D
 Acq: 11 Jul 2025 10:07

Tgt Ion: 75 Resp: 789333
 Ion Ratio Lower Upper
 75 100
 77 24.8 17.4 52.3





#77

Bromobenzene

Concen: 96.505 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

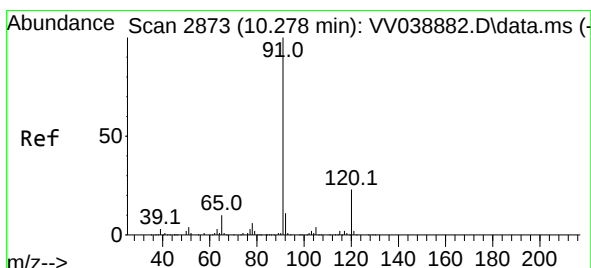
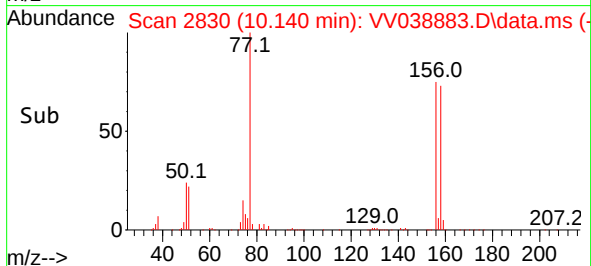
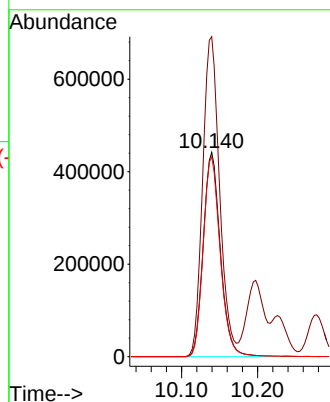
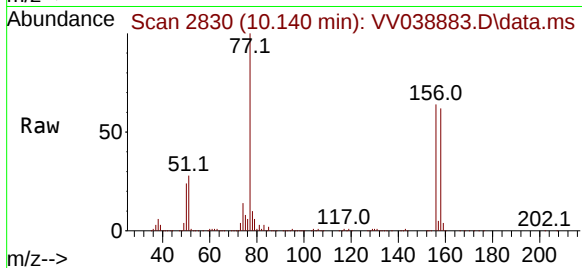
Tgt Ion:156 Resp: 691545

Ion Ratio Lower Upper

156 100

77 154.1 77.2 231.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 105.980 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038883.D

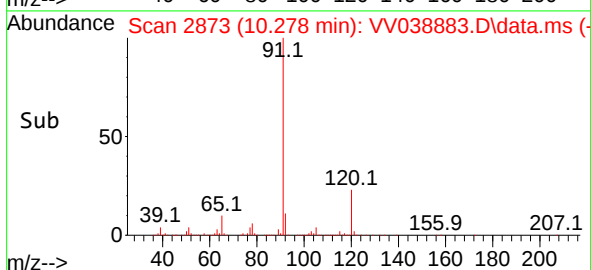
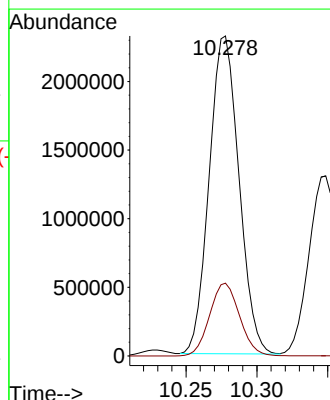
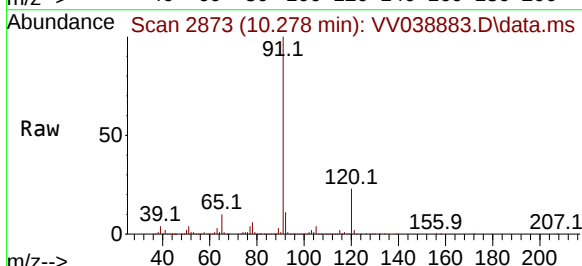
Acq: 11 Jul 2025 10:07

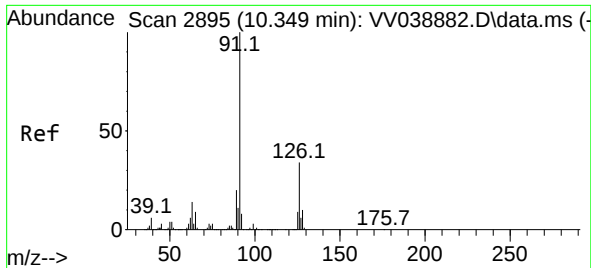
Tgt Ion: 91 Resp: 3383670

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

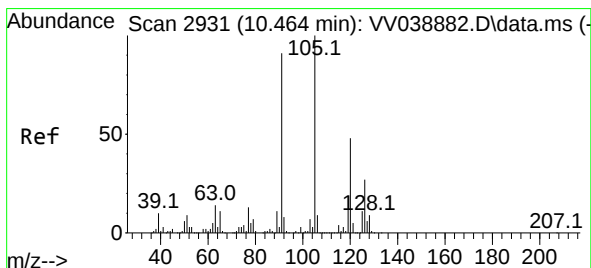
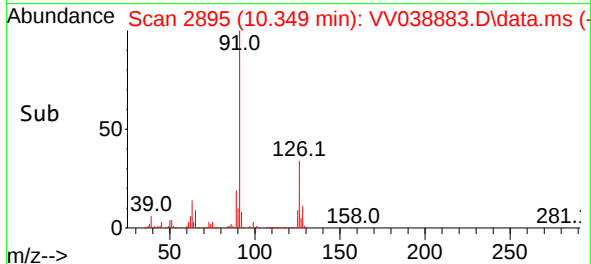
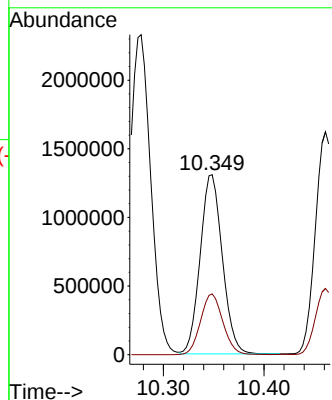
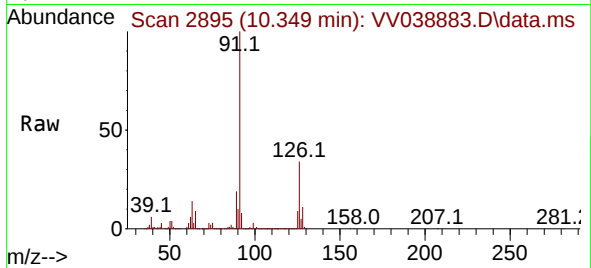




#79
2-Chlorotoluene
Concen: 98.495 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

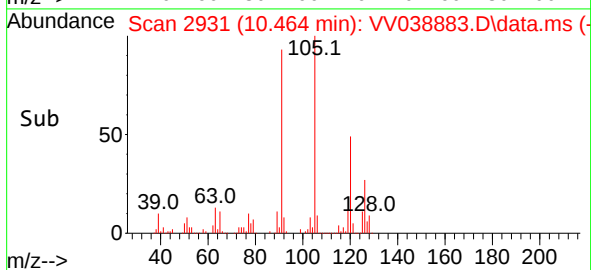
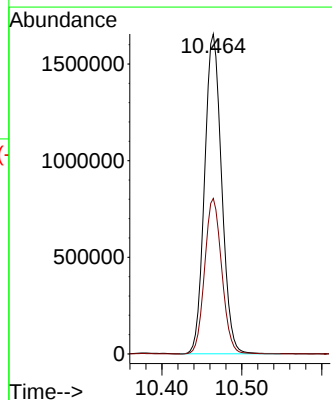
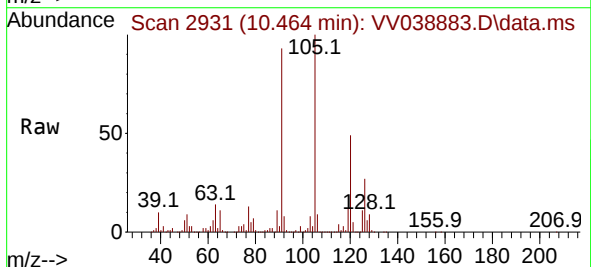
Instrument :
MSVOA_V
ClientSampleId :

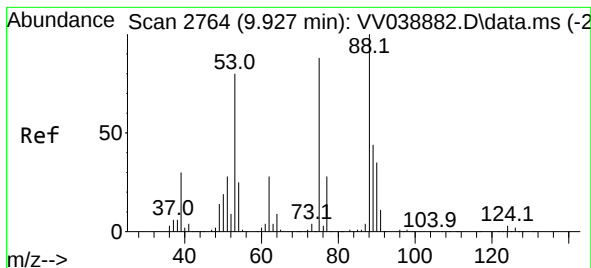
Tgt Ion: 91 Resp: 1999888
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 106.733 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion:105 Resp: 2458792
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0

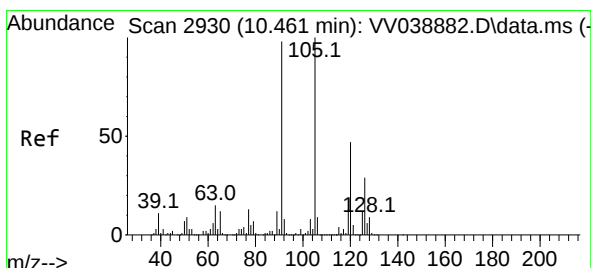
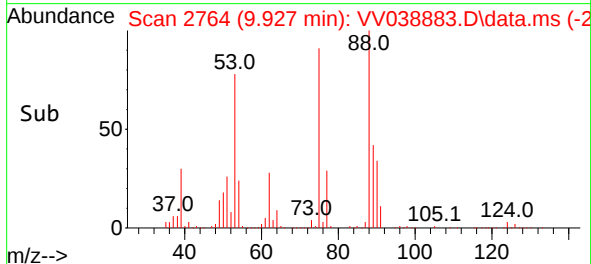
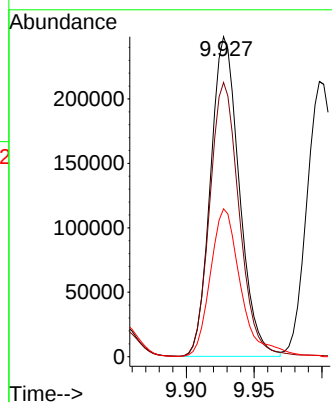
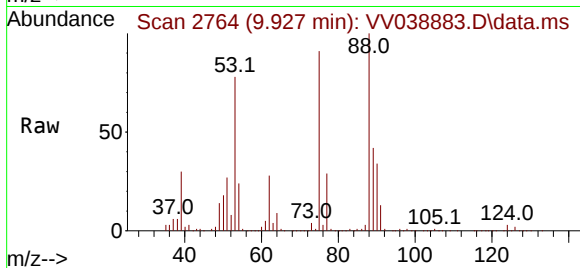




#81
trans-1,4-Dichloro-2-butene
Concen: 105.068 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

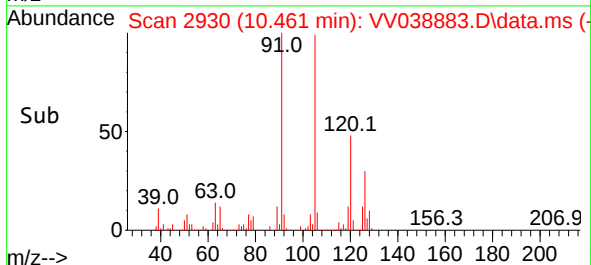
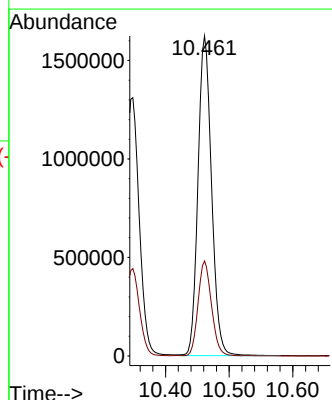
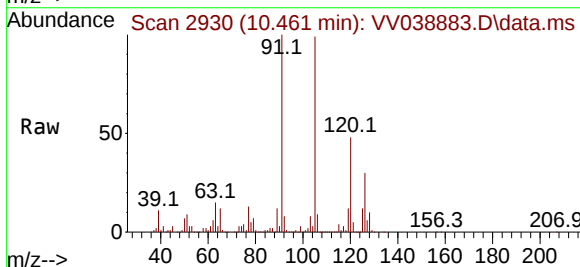
Instrument :
MSVOA_V
ClientSampleId :

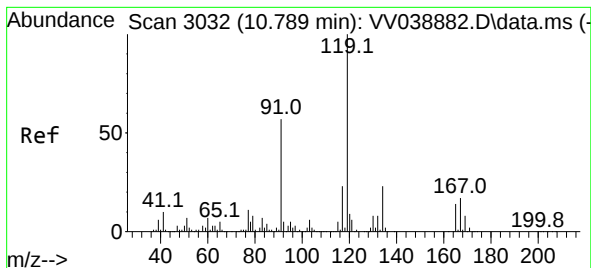
Tgt Ion: 75 Resp: 365982
Ion Ratio Lower Upper
75 100
53 87.7 71.3 106.9
89 49.3 42.2 63.2



#82
4-Chlorotoluene
Concen: 105.717 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 91 Resp: 2399481
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.9





#83

tert-Butylbenzene

Concen: 107.554 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

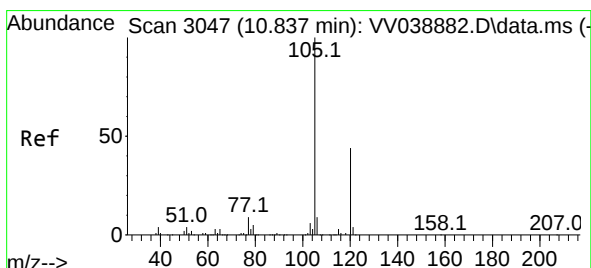
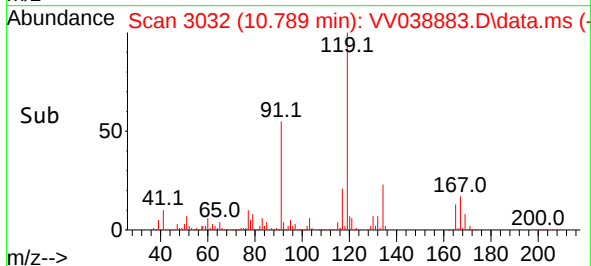
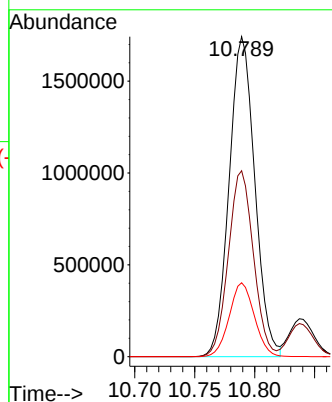
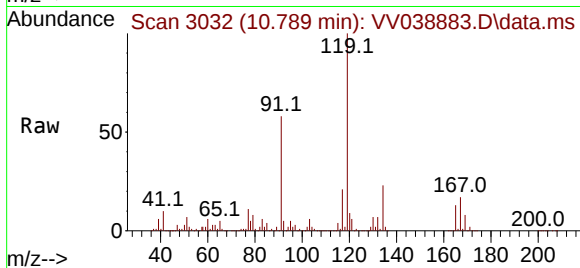
Tgt Ion:119 Resp: 2597713

Ion Ratio Lower Upper

119 100

91 56.7 28.1 84.2

134 22.6 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 109.855 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038883.D

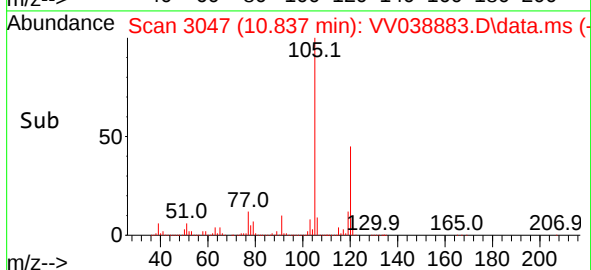
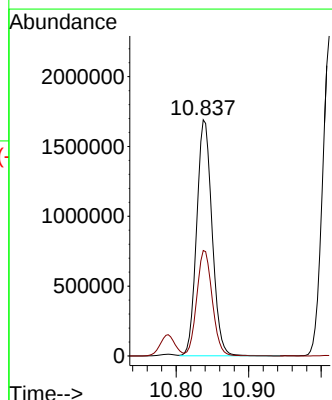
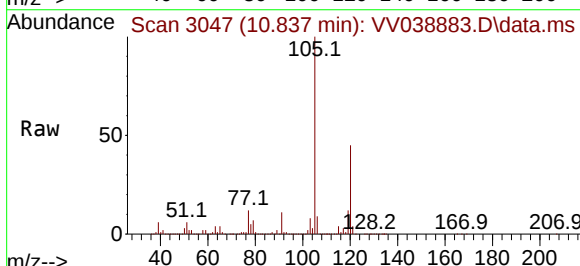
Acq: 11 Jul 2025 10:07

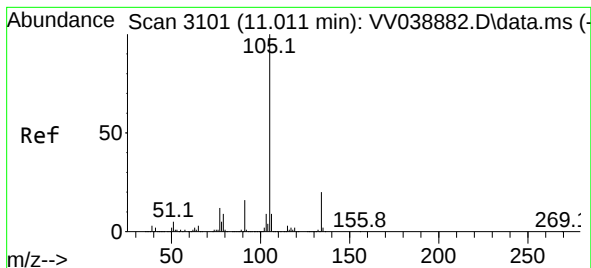
Tgt Ion:105 Resp: 2490164

Ion Ratio Lower Upper

105 100

120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 108.016 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

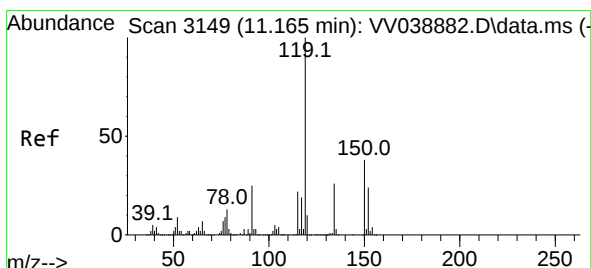
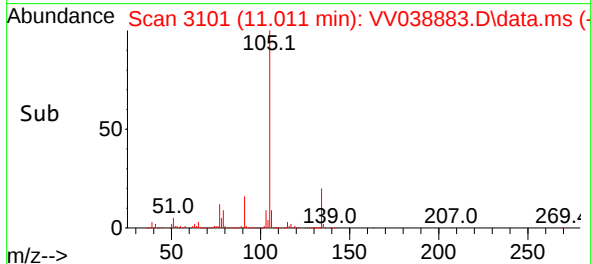
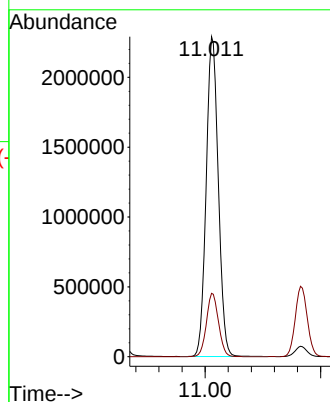
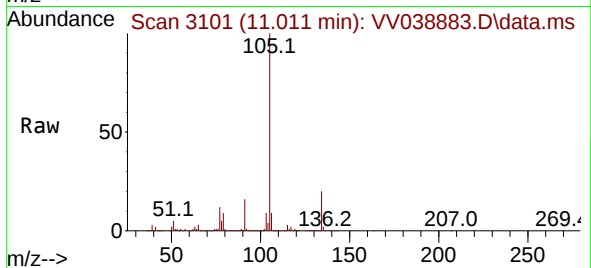
ClientSampleId :

Tgt Ion:105 Resp: 3329696

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 107.837 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

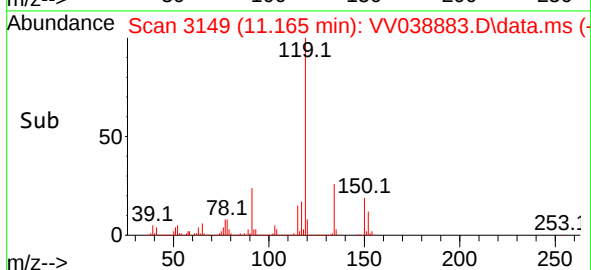
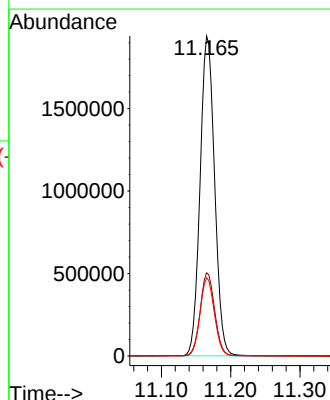
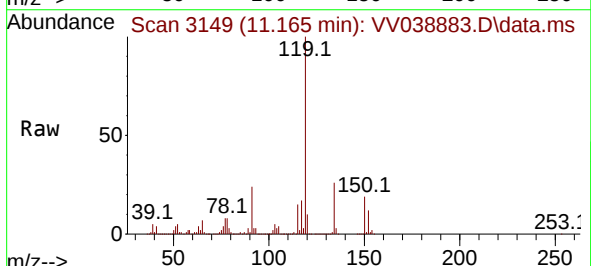
Tgt Ion:119 Resp: 2822298

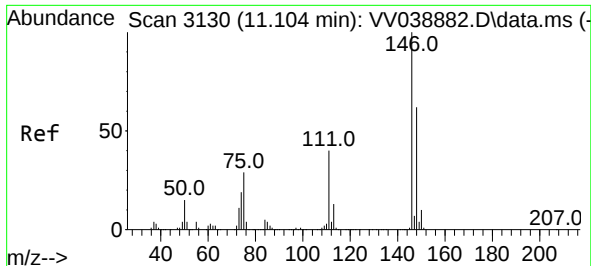
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.3 12.3 36.8

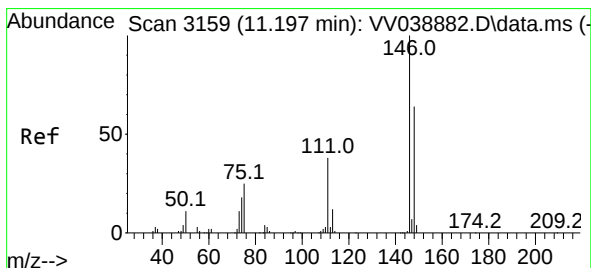
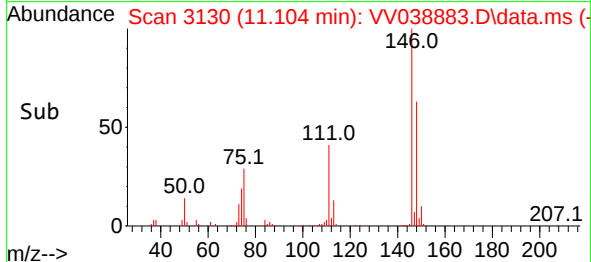
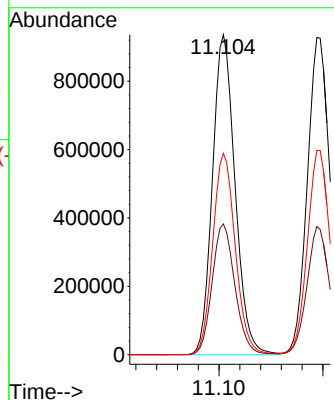
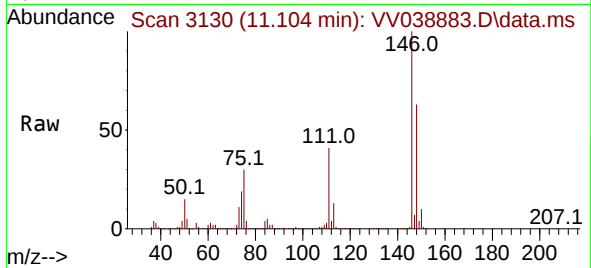




#87
1,3-Dichlorobenzene
Concen: 96.544 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

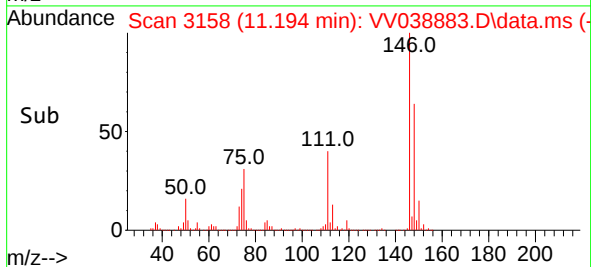
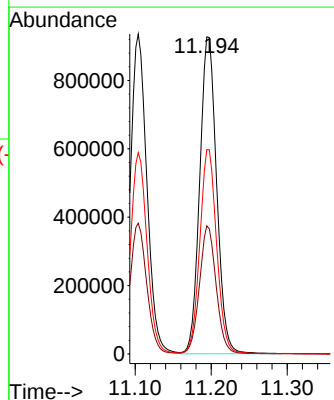
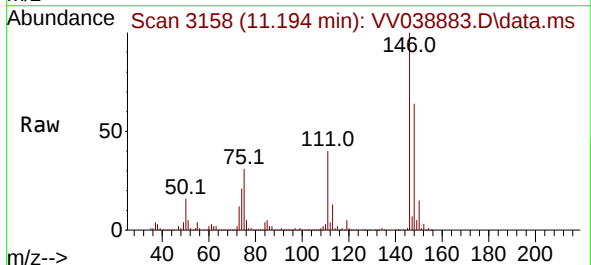
Instrument :
MSVOA_V
ClientSampleId :

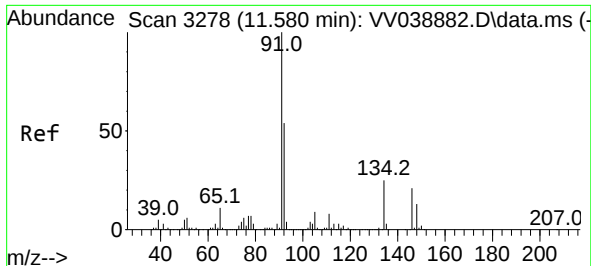
Tgt Ion:146 Resp: 1412124
Ion Ratio Lower Upper
146 100
111 41.0 20.2 60.5
148 63.0 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 89.934 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.003 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion:146 Resp: 1430931
Ion Ratio Lower Upper
146 100
111 39.9 19.8 59.3
148 64.4 32.1 96.5

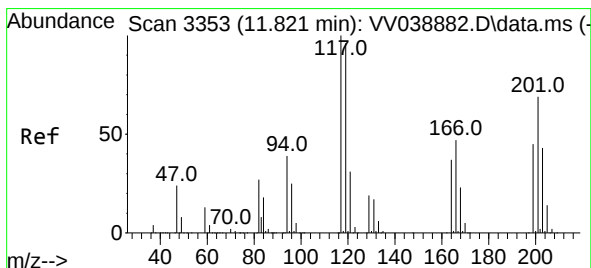
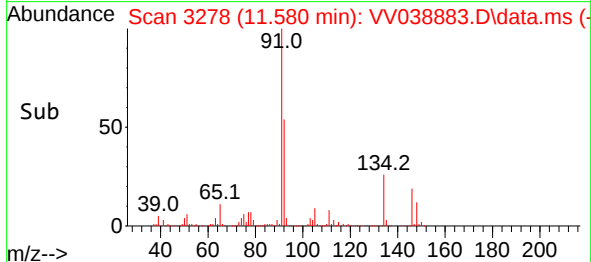
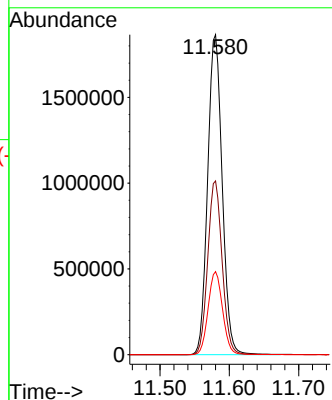
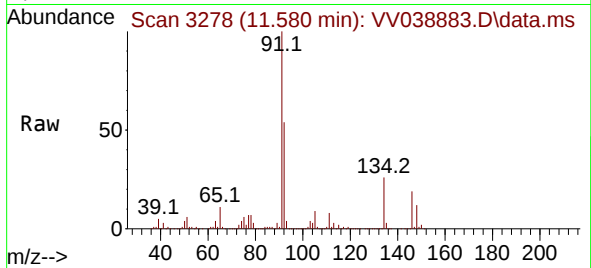




#89
n-Butylbenzene
Concen: 113.208 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

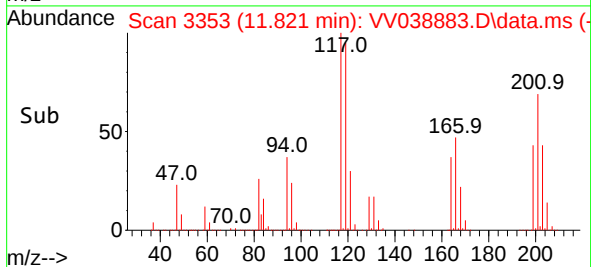
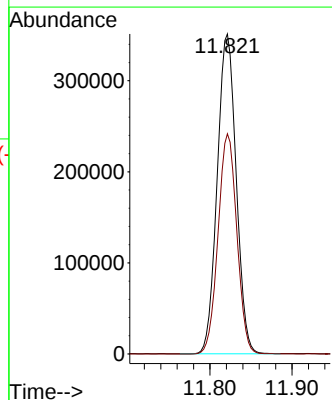
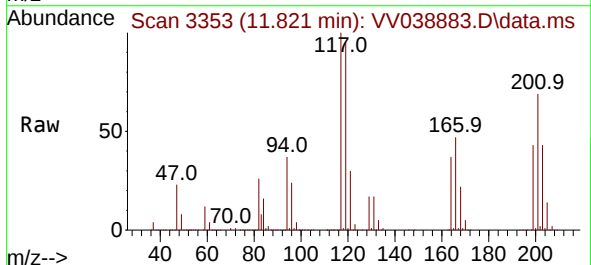
Instrument :
MSVOA_V
ClientSampleId :

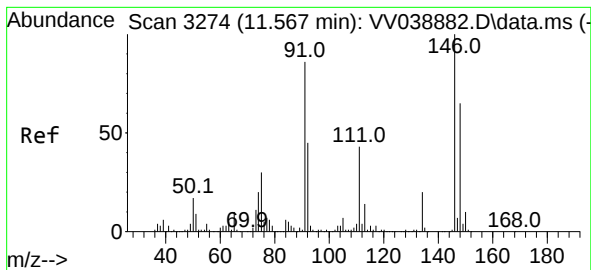
Tgt Ion: 91 Resp: 2704788
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.1
134 25.9 12.7 38.1



#90
Hexachloroethane
Concen: 90.668 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV038883.D
Acq: 11 Jul 2025 10:07

Tgt Ion: 117 Resp: 564396
Ion Ratio Lower Upper
117 100
201 68.1 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 97.313 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

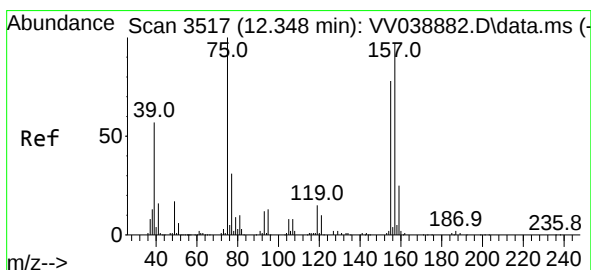
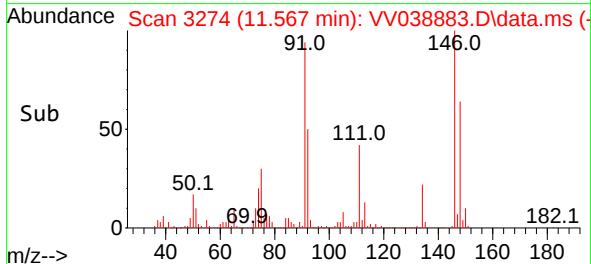
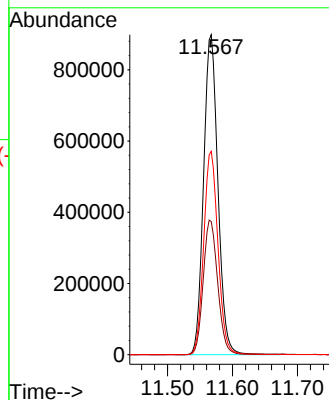
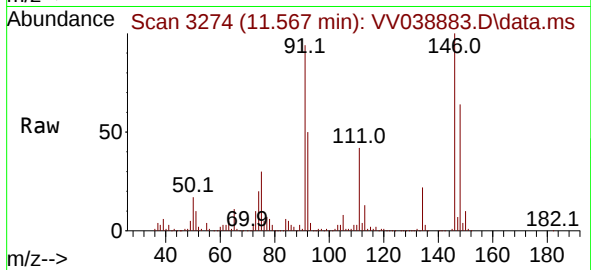
Tgt Ion:146 Resp: 1381725

Ion Ratio Lower Upper

146 100

111 42.5 21.4 64.3

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 94.447 ug/l

RT: 12.348 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

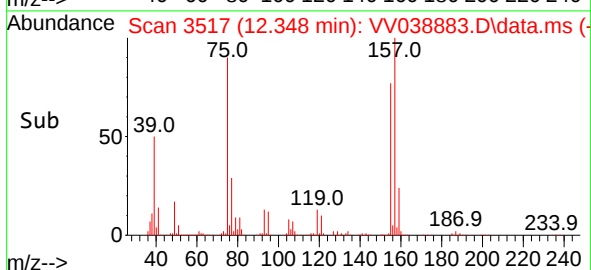
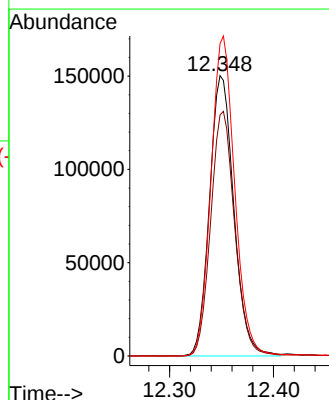
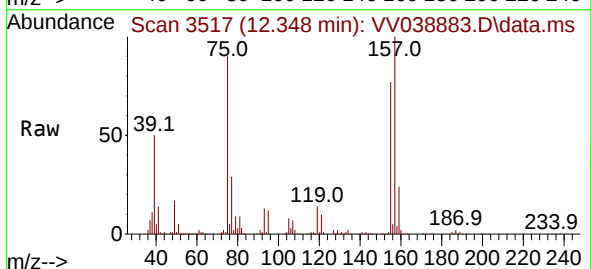
Tgt Ion: 75 Resp: 244328

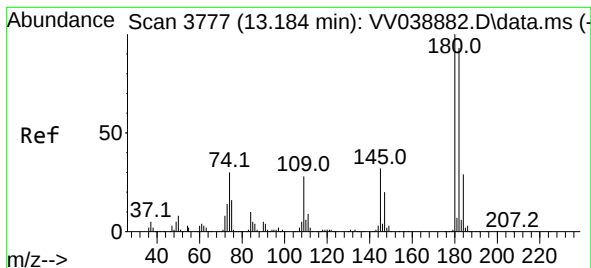
Ion Ratio Lower Upper

75 100

155 86.0 40.2 120.6

157 111.6 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 113.773 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

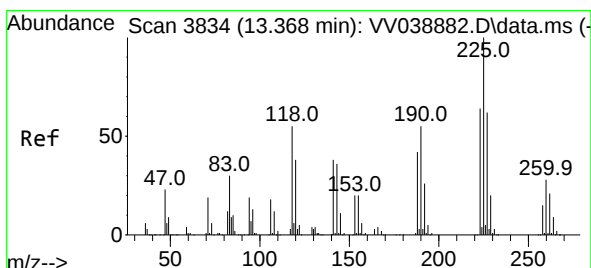
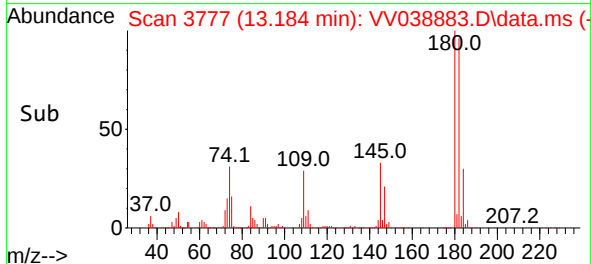
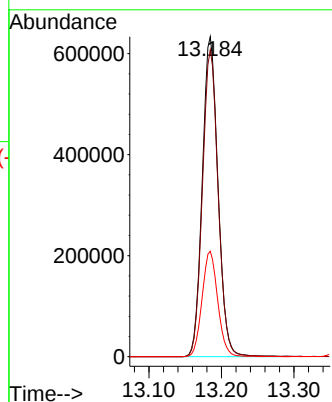
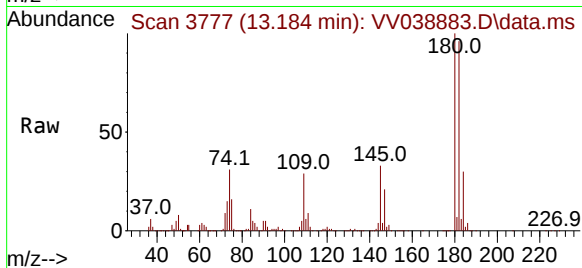
Tgt Ion:180 Resp: 953584

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.3

145 32.8 16.2 48.6



#94

Hexachlorobutadiene

Concen: 97.569 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

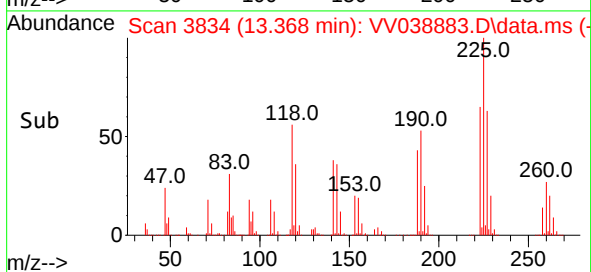
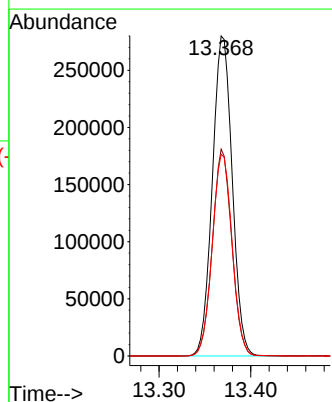
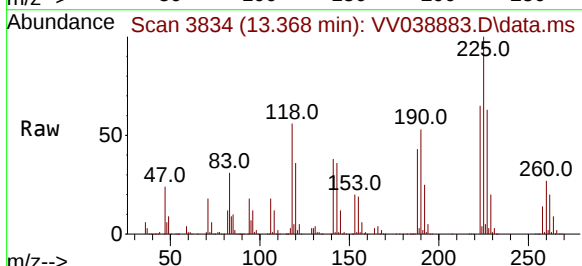
Tgt Ion:225 Resp: 421132

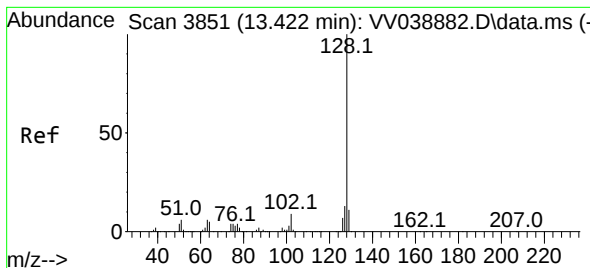
Ion Ratio Lower Upper

225 100

223 62.9 32.4 97.2

227 63.2 31.3 93.9





#95

Naphthalene

Concen: 123.213 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Instrument :

MSVOA_V

ClientSampleId :

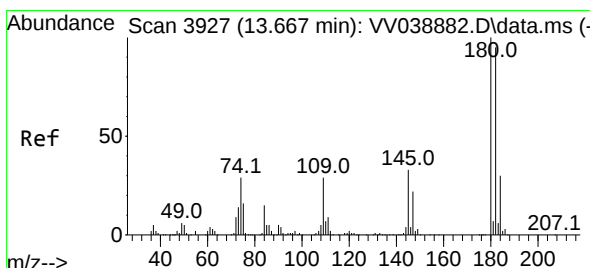
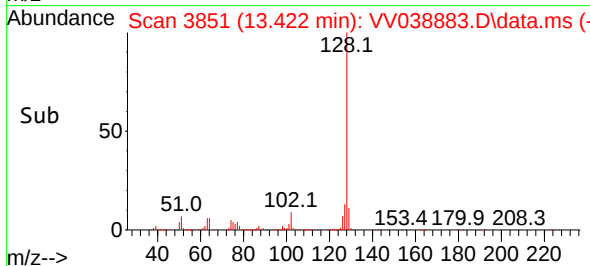
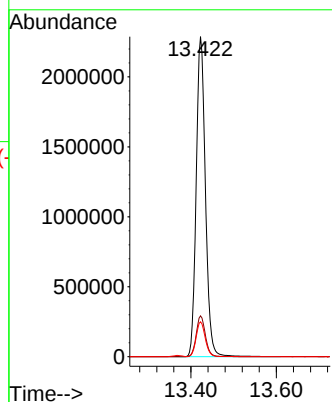
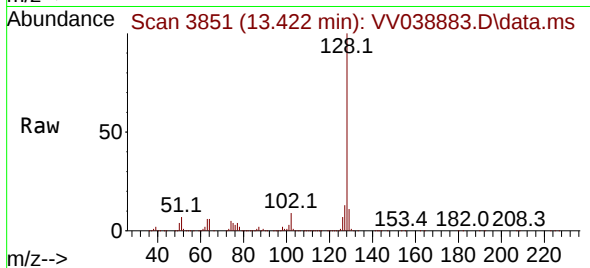
Tgt Ion:128 Resp: 3417336

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 112.877 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038883.D

Acq: 11 Jul 2025 10:07

Tgt Ion:180 Resp: 980616

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 34.6 17.0 51.0

