

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070225\
 Data File : VW038837.D
 Acq On : 02 Jul 2025 12:17
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 02:26:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	627645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	996166	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	923801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	519209	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.934	65	990811	140.855	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 281.700%#	
35) Dibromofluoromethane	4.494	113	910303	144.265	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 288.540%#	
50) Toluene-d8	7.233	98	2926642	143.356	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 286.720%#	
62) 4-Bromofluorobenzene	9.998	95	1250840	151.653	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 303.300%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	830348	139.366	ug/l	99
3) Chloromethane	1.227	50	940779	148.479	ug/l	98
4) Vinyl Chloride	1.298	62	970345	142.738	ug/l	99
5) Bromomethane	1.481	94	554177	133.582	ug/l	97
6) Chloroethane	1.552	64	627196	137.621	ug/l	98
7) Trichlorofluoromethane	1.722	101	1650510	137.229	ug/l	98
8) Diethyl Ether	1.915	74	594636	142.076	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.076	101	969324	142.530	ug/l	100
10) Methyl Iodide	2.192	142	1409193	163.315	ug/l	99
11) Tert butyl alcohol	2.574	59	733941	799.341	ug/l	99
12) 1,1-Dichloroethene	2.079	96	895375	138.520	ug/l	99
13) Acrolein	2.005	56	182339	795.309	ug/l	98
14) Allyl chloride	2.352	41	1358950	156.335	ug/l	99
15) Acrylonitrile	2.667	53	2518579	784.154	ug/l	100
16) Acetone	2.114	43	1707240	728.300	ug/l	100
17) Carbon Disulfide	2.249	76	2056057	137.318	ug/l	99
18) Methyl Acetate	2.375	43	1258778	157.482	ug/l	99
19) Methyl tert-butyl Ether	2.706	73	3182899	159.263	ug/l	99
20) Methylene Chloride	2.452	84	1022917	132.040	ug/l	97
21) trans-1,2-Dichloroethene	2.696	96	930871	144.006	ug/l	99
22) Diisopropyl ether	3.208	45	2872901	161.208	ug/l	83
23) Vinyl Acetate	3.182	43	11089214	862.925	ug/l	100
24) 1,1-Dichloroethane	3.114	63	1728761	143.899	ug/l	99
25) 2-Butanone	3.851	43	2778455	841.178	ug/l	100
26) 2,2-Dichloropropane	3.806	77	1620447	145.531	ug/l	99
27) cis-1,2-Dichloroethene	3.812	96	1157138	153.608	ug/l	99
28) Bromochloromethane	4.140	49	694459	135.252	ug/l	# 99
29) Tetrahydrofuran	4.220	42	1865056	821.008	ug/l	99
30) Chloroform	4.272	83	1857695	141.922	ug/l	100
31) Cyclohexane	4.581	56	1352192	142.124	ug/l	99
32) 1,1,1-Trichloroethane	4.507	97	1710171	140.773	ug/l	99
36) 1,1-Dichloropropene	4.738	75	1224040	159.863	ug/l	98
37) Ethyl Acetate	3.960	43	1172352	152.284	ug/l	98
38) Carbon Tetrachloride	4.732	117	1471115	145.972	ug/l	100
39) Methylcyclohexane	6.043	83	1633172	163.135	ug/l	99
40) Benzene	5.005	78	3795614	154.551	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.146	41	608652	151.018	ug/l	95
42) 1,2-Dichloroethane	5.034	62	1327165	148.266	ug/l	99
43) Isopropyl Acetate	5.182	43	1997842	160.927	ug/l	99
44) Trichloroethene	5.825	130	1005539	152.397	ug/l	95
45) 1,2-Dichloropropane	6.085	63	949231	149.491	ug/l	97
46) Dibromomethane	6.220	93	730024	145.786	ug/l	99
47) Bromodichloromethane	6.423	83	1521558	143.501	ug/l	98
48) Methyl methacrylate	6.288	41	966995	172.247	ug/l	99
49) 1,4-Dioxane	6.281	88	268088	3382.843	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	6220035	803.542	ug/l	99
52) Toluene	7.304	92	2494866	157.936	ug/l	98
53) t-1,3-Dichloropropene	7.568	75	1605279	162.964	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	1659356	159.877	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	995762	144.154	ug/l	97
56) Ethyl methacrylate	7.709	69	1606122	176.740	ug/l	100
57) 1,3-Dichloropropane	7.931	76	1631374	149.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	3208405	808.690	ug/l	100
59) 2-Hexanone	8.063	43	4510167	803.659	ug/l	100
60) Dibromochloromethane	8.166	129	1251657	143.912	ug/l	99
61) 1,2-Dibromoethane	8.272	107	1078260	153.677	ug/l	100
64) Tetrachloroethene	7.895	164	847379	142.643	ug/l	99
65) Chlorobenzene	8.802	112	2875097	147.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	1049507	144.363	ug/l	98
67) Ethyl Benzene	8.934	91	4940923	161.986	ug/l	99
68) m/p-Xylenes	9.063	106	3848246	329.387	ug/l	98
69) o-Xylene	9.468	106	1855088	166.195	ug/l	100
70) Styrene	9.484	104	3248501	166.453	ug/l	100
71) Bromoform	9.651	173	902516	152.774	ug/l #	100
73) Isopropylbenzene	9.854	105	5021027	164.779	ug/l	100
74) N-amyl acetate	9.722	43	1896841	182.001	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.166	83	1595863	144.467	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	1175459	146.323	ug/l	94
77) Bromobenzene	10.140	156	1218346	154.992	ug/l	99
78) n-propylbenzene	10.278	91	5941495	163.847	ug/l	100
79) 2-Chlorotoluene	10.349	91	3485783	158.284	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	4344294	166.744	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	616662	163.399	ug/l	97
82) 4-Chlorotoluene	10.461	91	4189347	165.012	ug/l	99
83) tert-Butylbenzene	10.789	119	4498608	166.479	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	4349234	170.319	ug/l	100
85) sec-Butylbenzene	11.014	105	5722218	166.335	ug/l	100
86) p-Isopropyltoluene	11.165	119	4880518	165.470	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	2440035	152.685	ug/l	98
88) 1,4-Dichlorobenzene	11.194	146	2475213	146.994	ug/l	100
89) n-Butylbenzene	11.580	91	4708425	172.247	ug/l	98
90) Hexachloroethane	11.821	117	961868	150.236	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	2395310	159.022	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	376137	160.825	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	1728341	177.019	ug/l	100
94) Hexachlorobutadiene	13.368	225	722750	153.396	ug/l	97
95) Naphthalene	13.423	128	5646278	181.782	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	1720034	170.710	ug/l	100

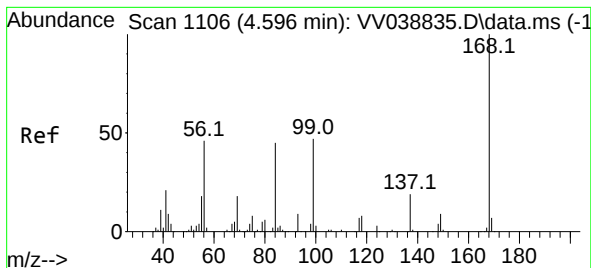
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. 0.001 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

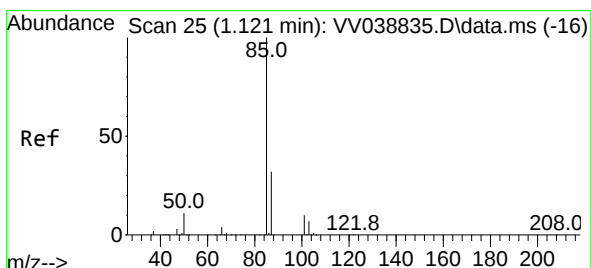
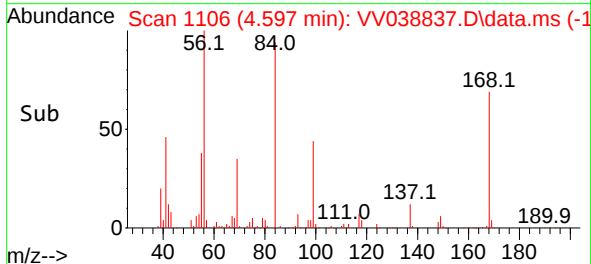
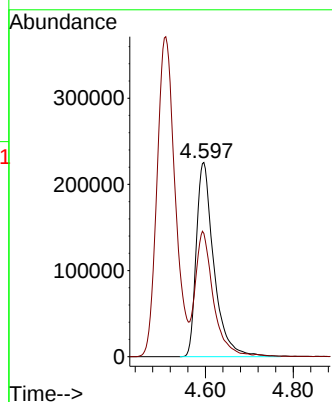
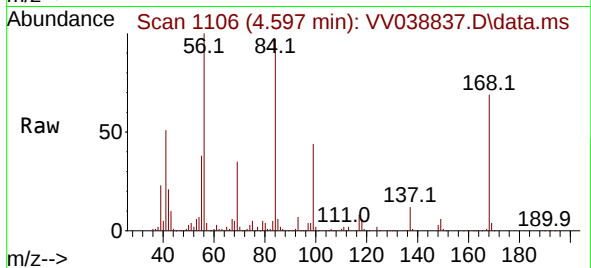
VSTDIC150

Tgt Ion:168 Resp: 627645

Ion Ratio Lower Upper

168 100

99 63.3 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 139.366 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038837.D

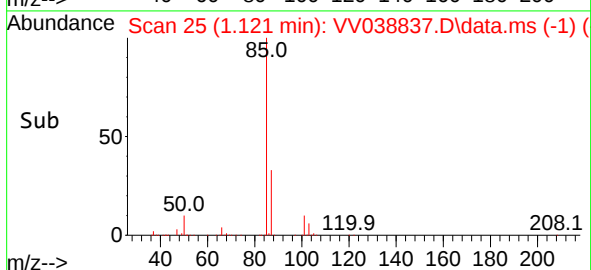
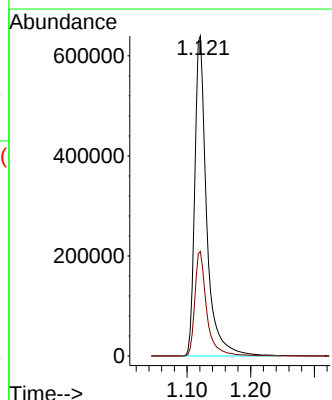
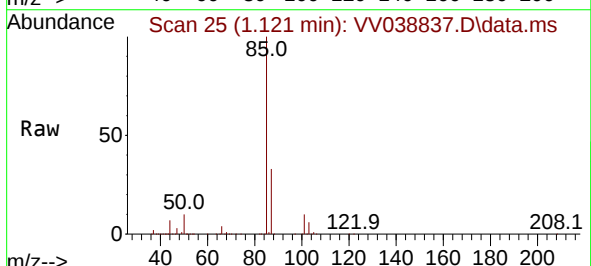
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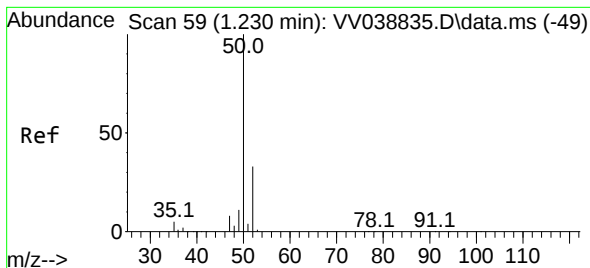
Tgt Ion: 85 Resp: 830348

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3





#3

Chloromethane

Concen: 148.479 ug/l

RT: 1.227 min Scan# 59

Delta R.T. -0.003 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

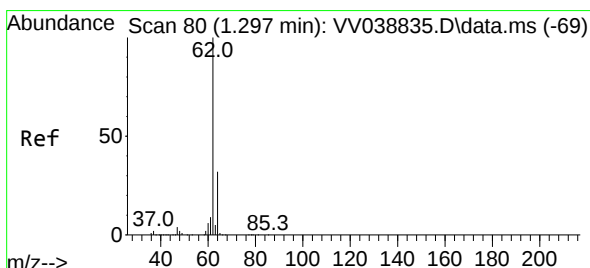
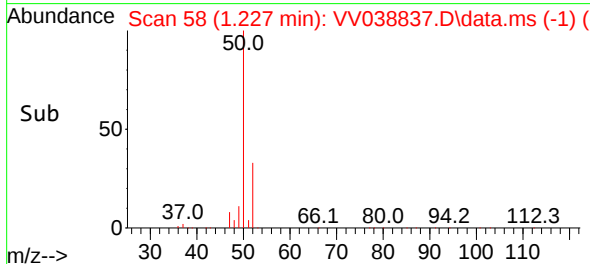
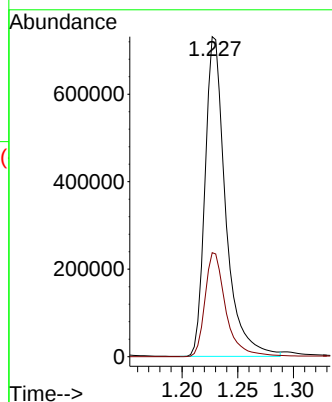
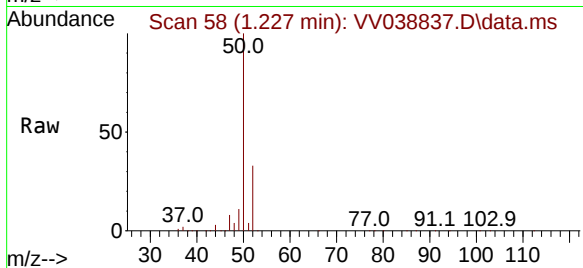
VSTDIC150

Tgt Ion: 50 Resp: 940779

Ion Ratio Lower Upper

50 100

52 32.5 26.7 40.1



#4

Vinyl Chloride

Concen: 142.738 ug/l

RT: 1.298 min Scan# 80

Delta R.T. 0.000 min

Lab File: VV038837.D

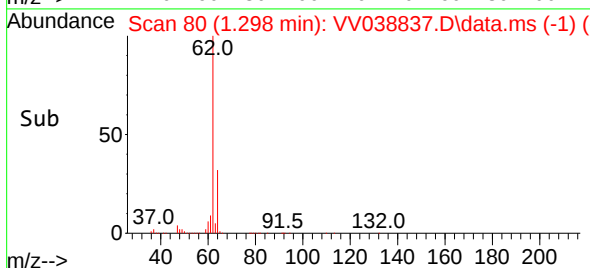
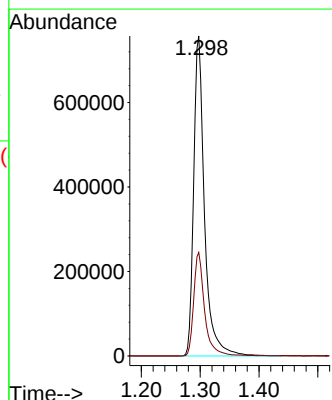
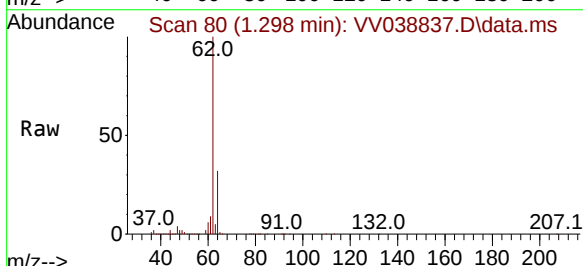
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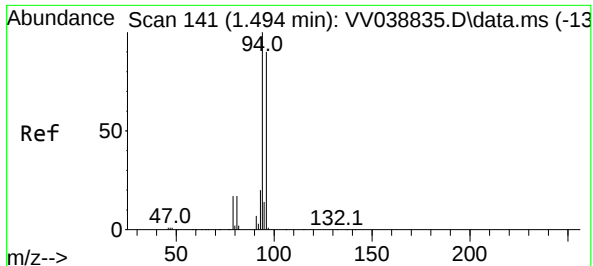
Tgt Ion: 62 Resp: 970345

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3

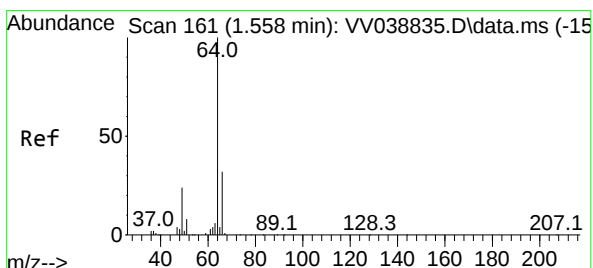
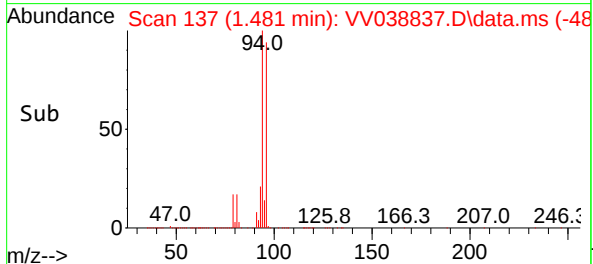
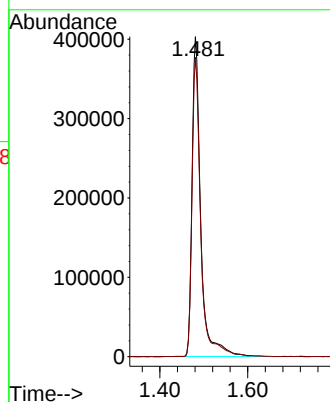
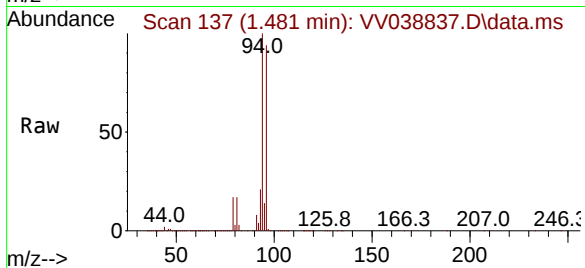




#5
Bromomethane
Concen: 133.582 ug/l
RT: 1.481 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

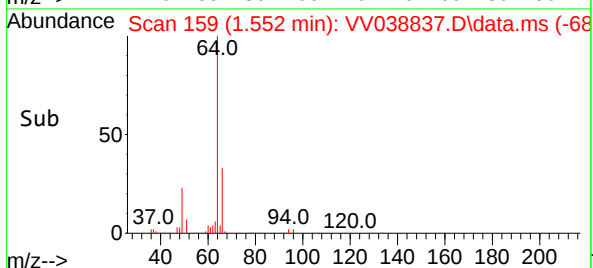
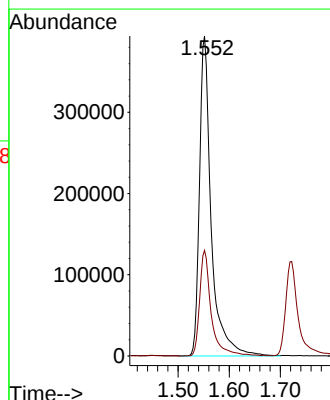
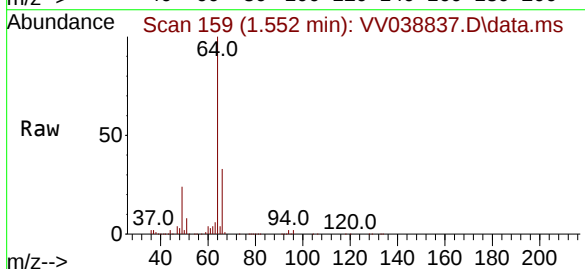
Instrument :
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Tgt Ion: 94 Resp: 554177
Ion Ratio Lower Upper
94 100
96 93.5 72.2 108.4



#6
Chloroethane
Concen: 137.621 ug/l
RT: 1.552 min Scan# 159
Delta R.T. -0.006 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 64 Resp: 627196
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.0

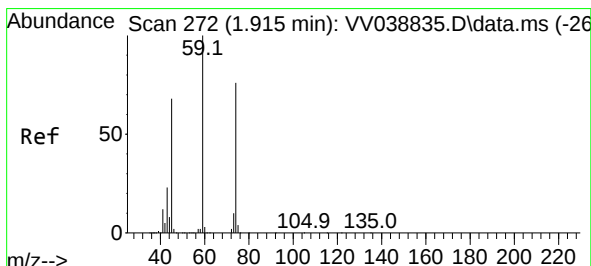
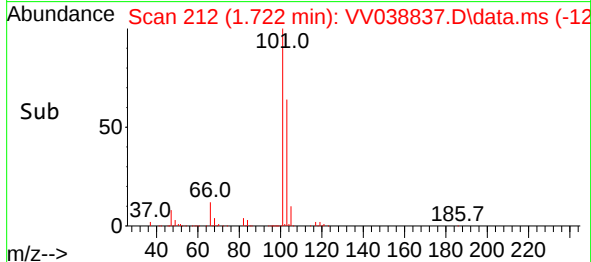
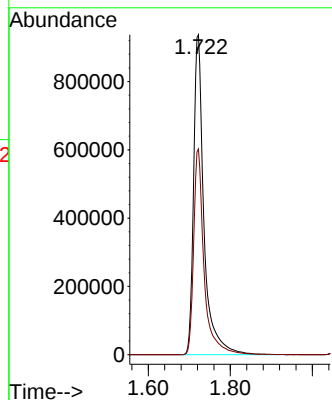
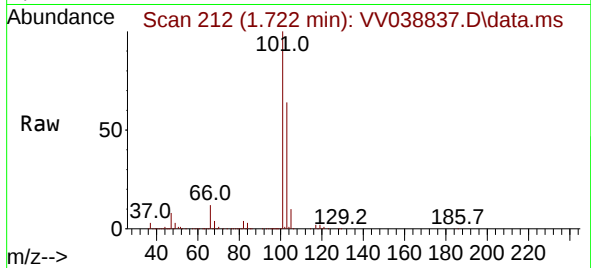




#7
 Trichlorofluoromethane
 Concen: 137.229 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

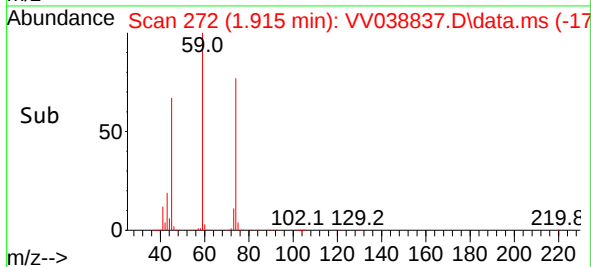
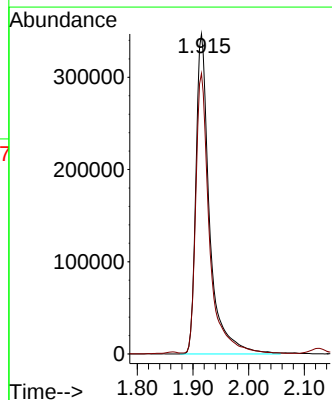
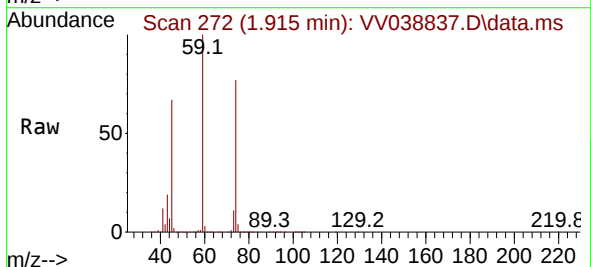
Instrument :
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 VSTDIC150

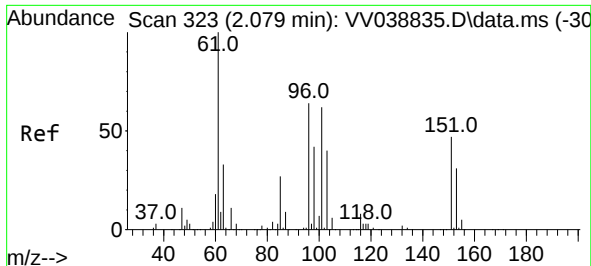
Tgt Ion:101 Resp: 1650510
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2



#8
 Diethyl Ether
 Concen: 142.076 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. 0.000 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

Tgt Ion: 74 Resp: 594636
 Ion Ratio Lower Upper
 74 100
 45 87.3 43.9 131.7

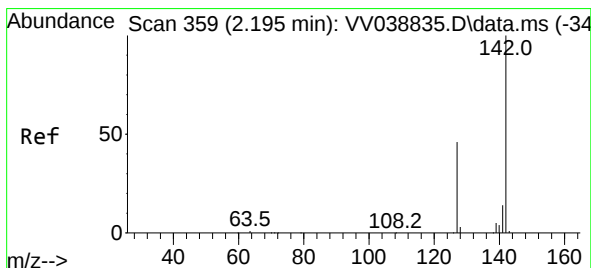
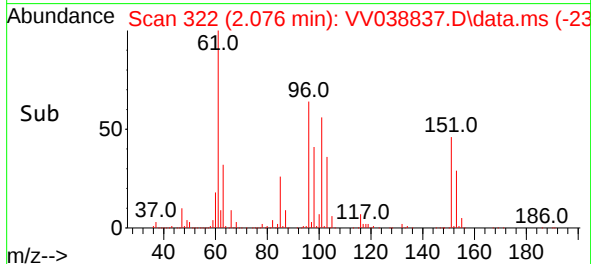
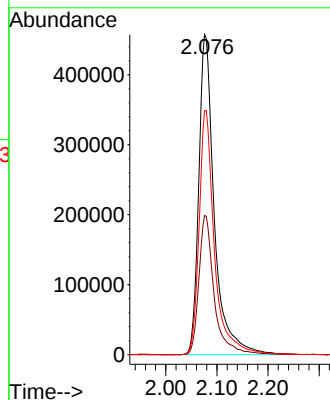
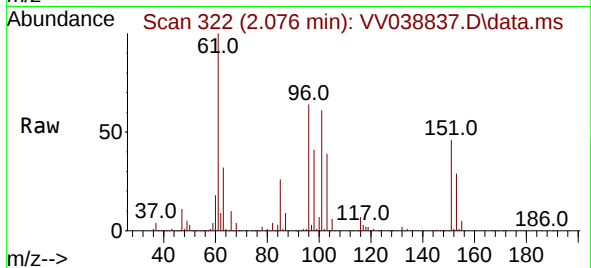




#9
1,1,2-Trichlorotrifluoroethane
Concen: 142.530 ug/l
RT: 2.076 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

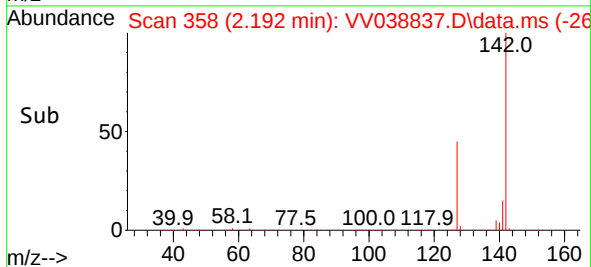
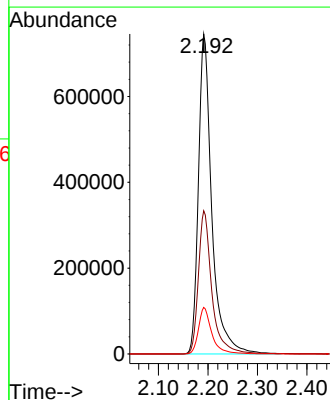
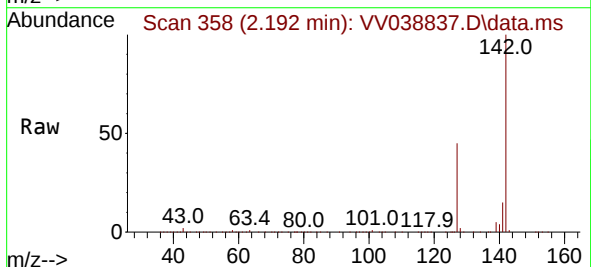
Instrument :
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ClientSampleId :
VSTDIC150

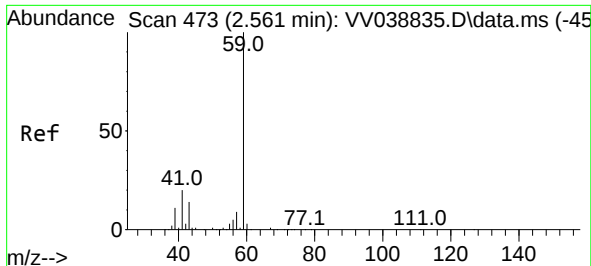
Tgt Ion:101 Resp: 969324
Ion Ratio Lower Upper
101 100
85 42.8 34.6 52.0
151 75.4 60.4 90.6



#10
Methyl Iodide
Concen: 163.315 ug/l
RT: 2.192 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion:142 Resp: 1409193
Ion Ratio Lower Upper
142 100
127 45.0 36.9 55.3
141 14.5 11.8 17.8

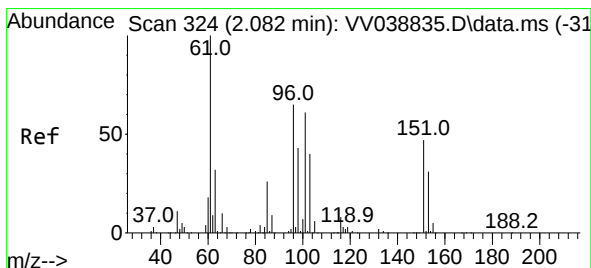
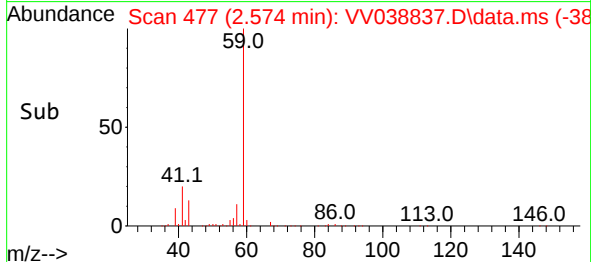
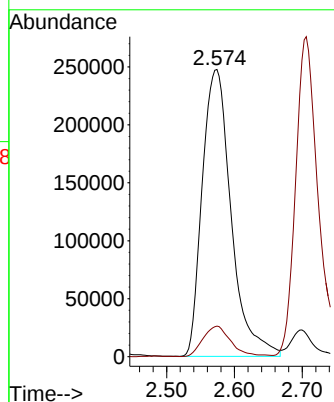
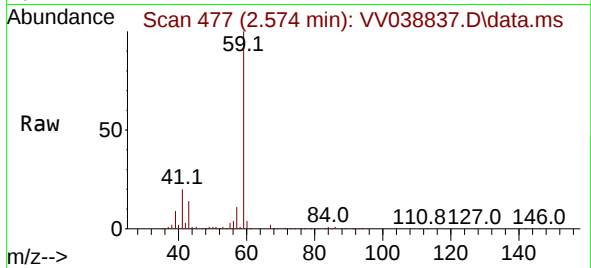




#11
Tert butyl alcohol
Concen: 799.341 ug/l
RT: 2.574 min Scan# 411
Delta R.T. 0.013 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

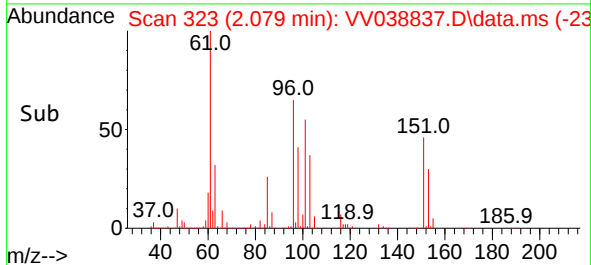
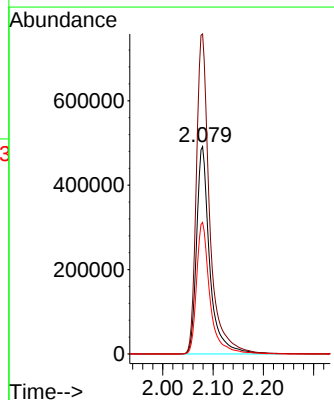
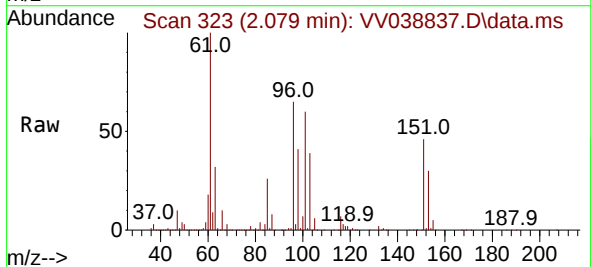
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

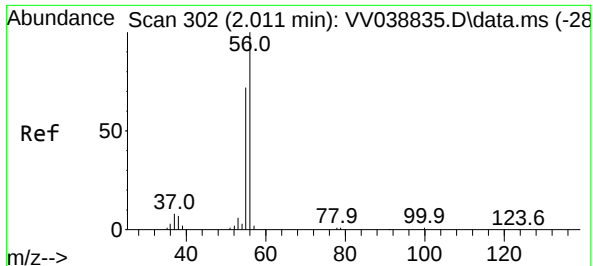
Tgt Ion: 59 Resp: 733941
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0



#12
1,1-Dichloroethene
Concen: 138.520 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 96 Resp: 895375
Ion Ratio Lower Upper
96 100
61 154.3 123.5 185.3
98 63.4 52.5 78.7

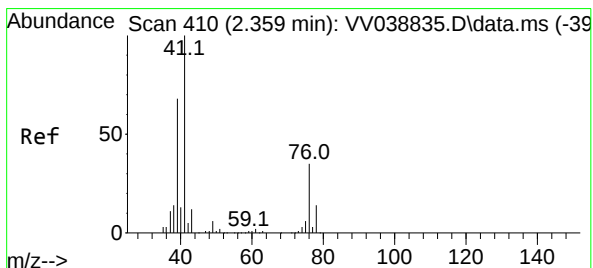
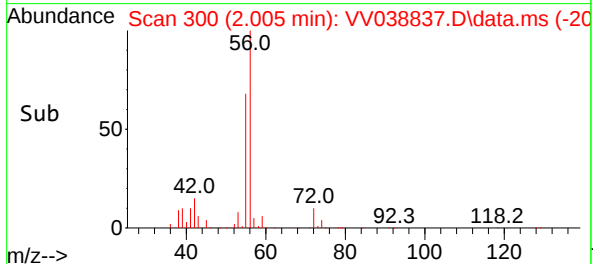
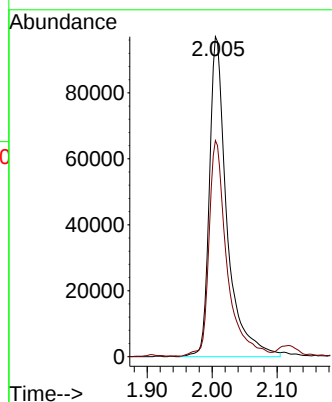
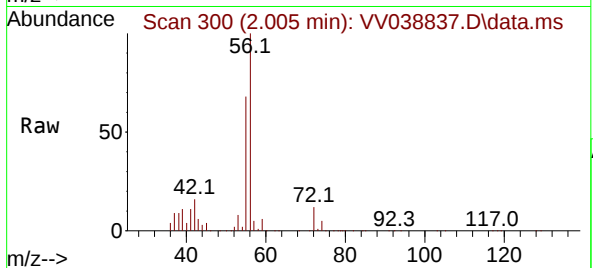




#13
Acrolein
Concen: 795.309 ug/l
RT: 2.005 min Scan# 301
Delta R.T. -0.006 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

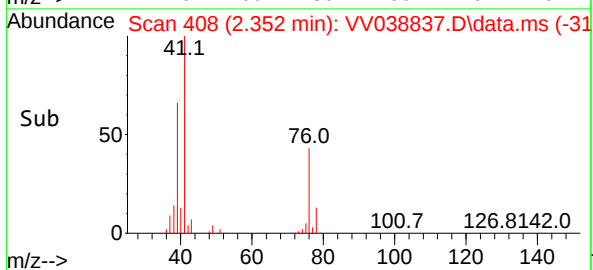
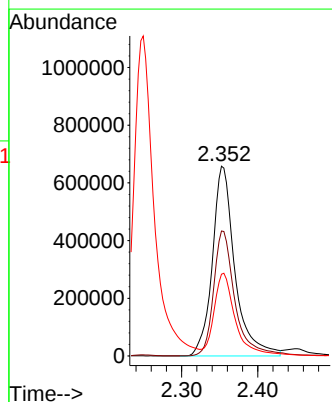
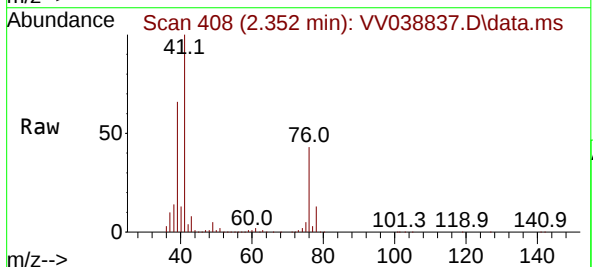
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

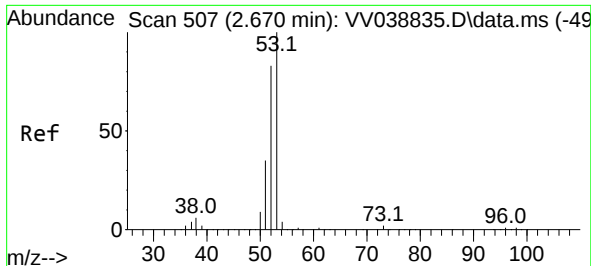
Tgt Ion: 56 Resp: 182339
Ion Ratio Lower Upper
56 100
55 68.6 53.4 80.2



#14
Allyl chloride
Concen: 156.335 ug/l
RT: 2.352 min Scan# 408
Delta R.T. -0.006 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 41 Resp: 1358950
Ion Ratio Lower Upper
41 100
39 62.9 51.0 76.4
76 41.8 33.6 50.4



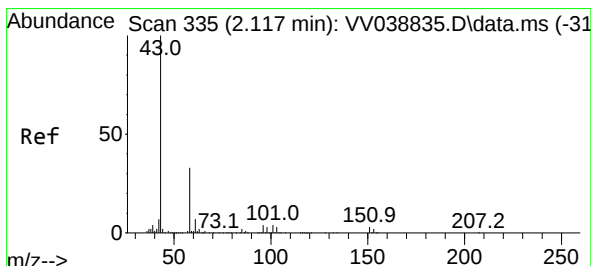
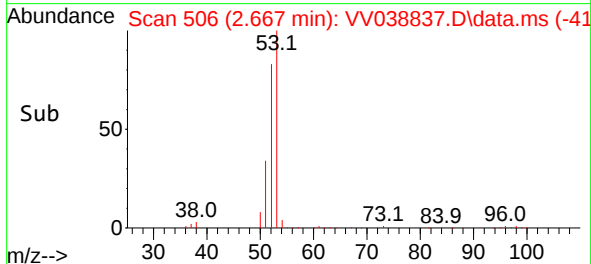
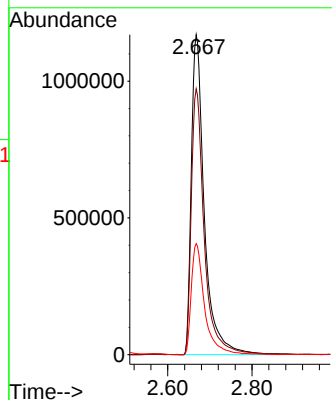
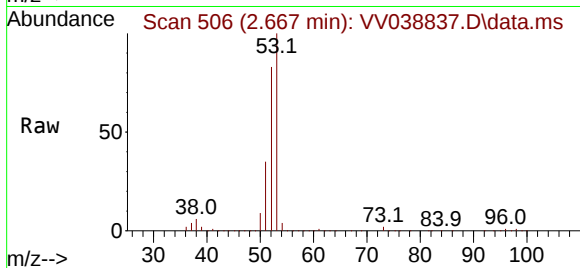


#15
Acrylonitrile
Concen: 784.154 ug/l
RT: 2.667 min Scan# 507
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 2518579

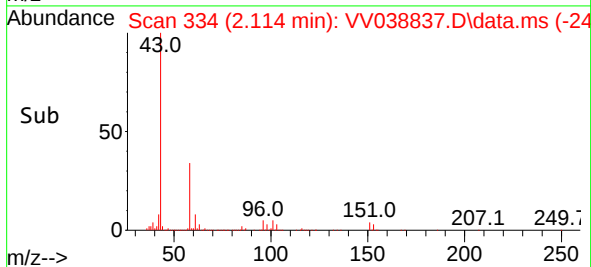
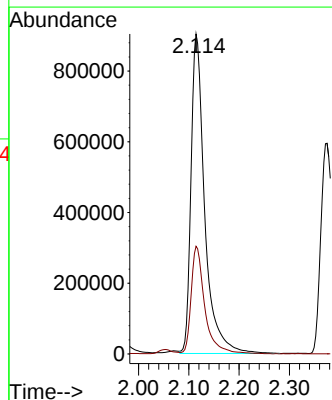
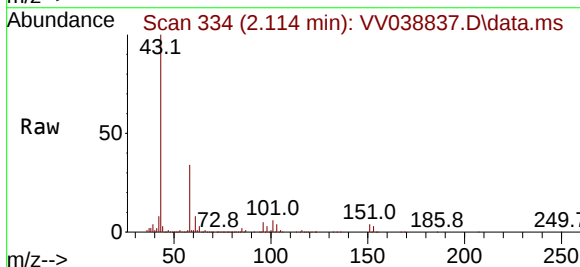
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.6
51	35.6	28.5	42.7

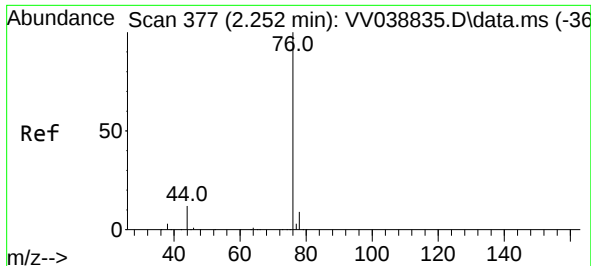


#16
Acetone
Concen: 728.300 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 43 Resp: 1707240

Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.0	40.4

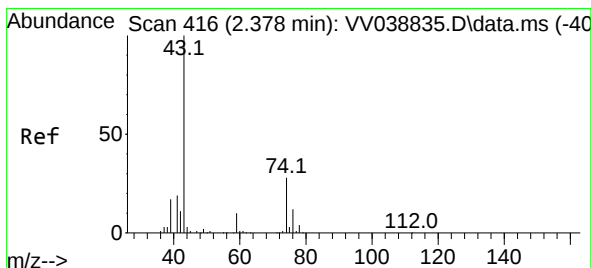
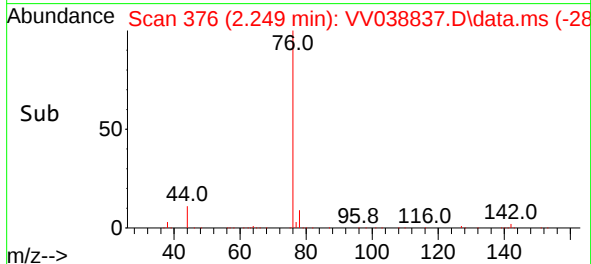
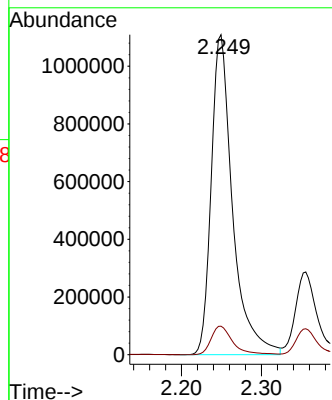
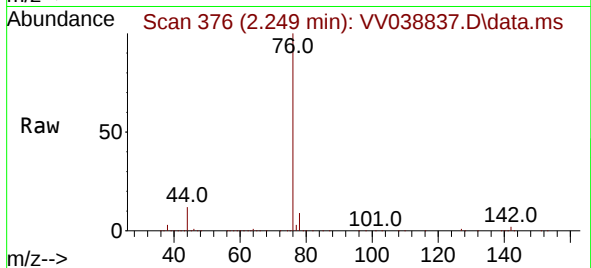




#17
Carbon Disulfide
Concen: 137.318 ug/l
RT: 2.249 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

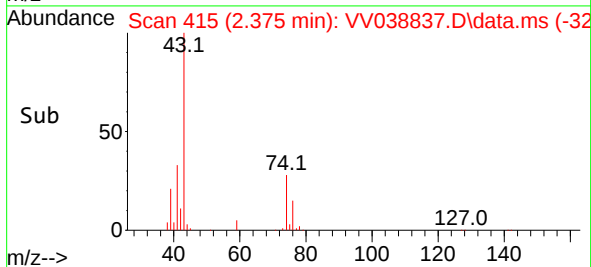
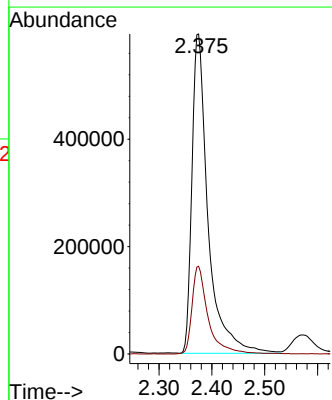
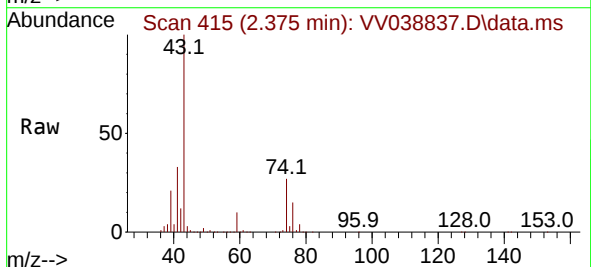
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

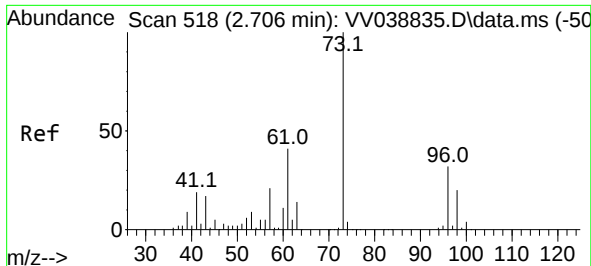
Tgt Ion: 76 Resp: 2056057
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 157.482 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 43 Resp: 1258778
Ion Ratio Lower Upper
43 100
74 27.3 21.4 32.0

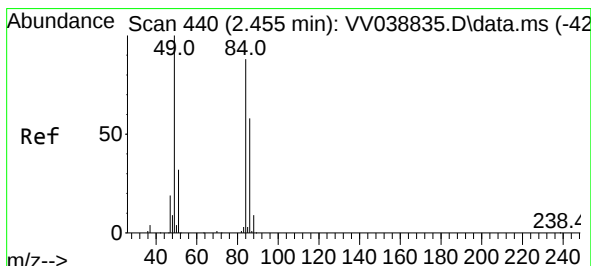
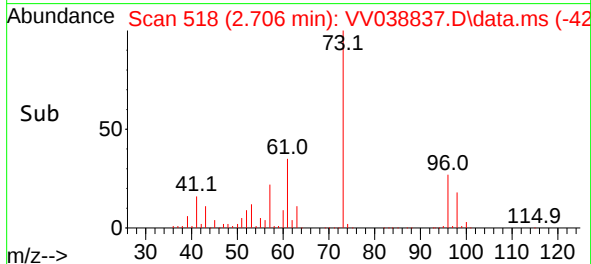
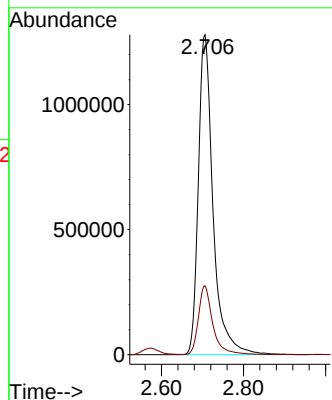
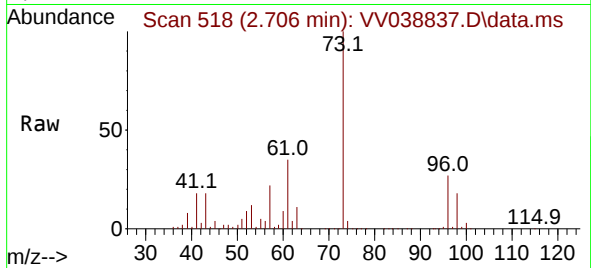




#19
Methyl tert-butyl Ether
Concen: 159.263 ug/l
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

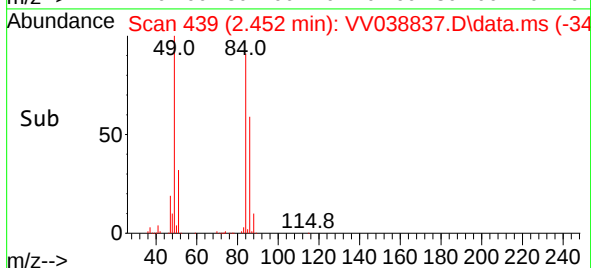
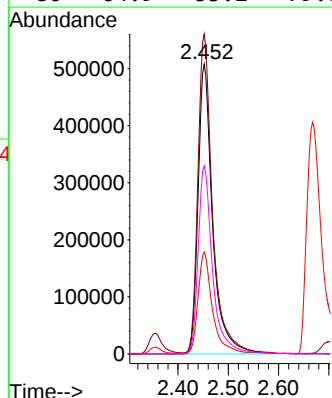
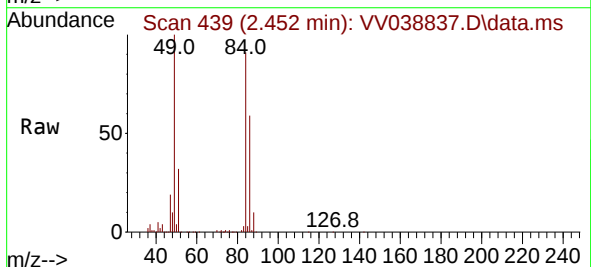
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

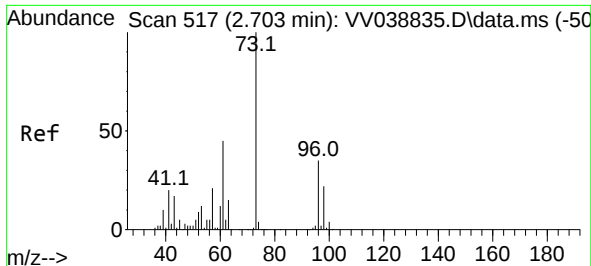
Tgt Ion: 73 Resp: 3182899
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4



#20
Methylene Chloride
Concen: 132.040 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 84 Resp: 1022917
Ion Ratio Lower Upper
84 100
49 110.1 91.0 136.4
51 35.0 29.4 44.2
86 64.9 53.2 79.8

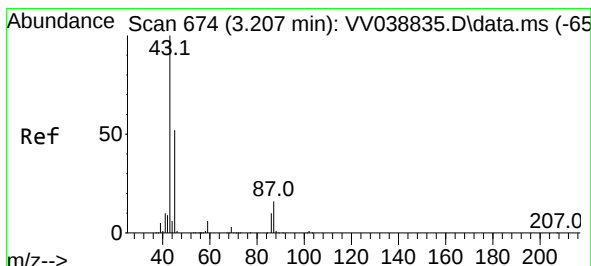
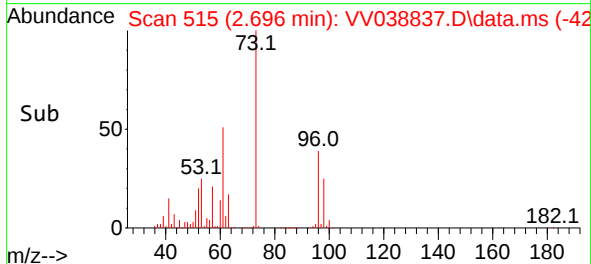
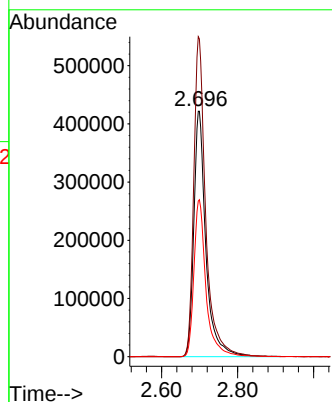
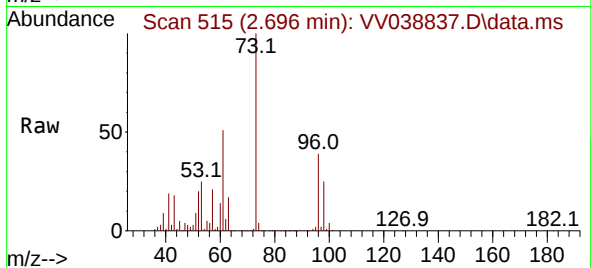




#21
trans-1,2-Dichloroethene
Concen: 144.006 ug/l
RT: 2.696 min Scan# 517
Delta R.T. -0.006 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

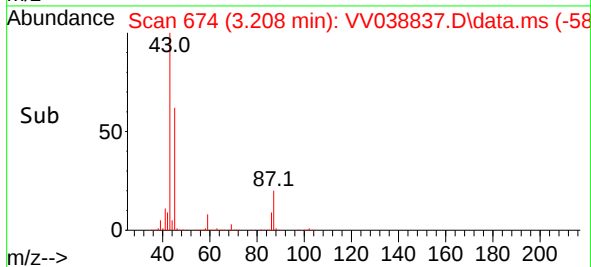
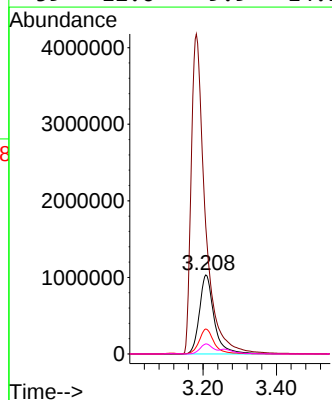
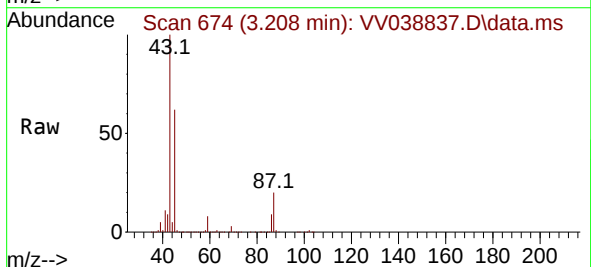
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

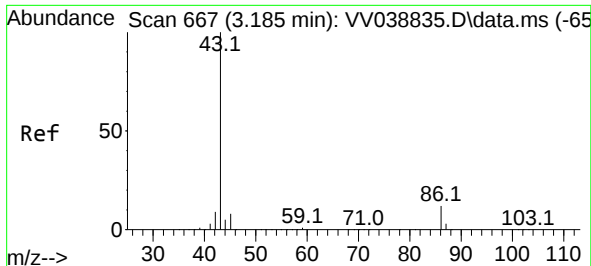
Tgt Ion: 96 Resp: 930871
Ion Ratio Lower Upper
96 100
61 130.3 102.8 154.2
98 63.4 50.9 76.3



#22
Diisopropyl ether
Concen: 161.208 ug/l
RT: 3.208 min Scan# 674
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 45 Resp: 2872901
Ion Ratio Lower Upper
45 100
43 160.9 153.1 229.7
87 31.5 25.2 37.8
59 12.6 9.9 14.9

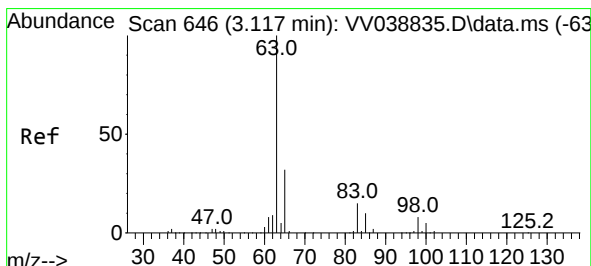
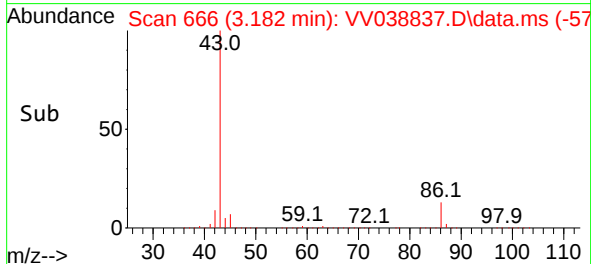
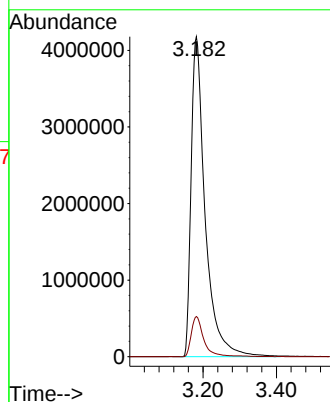
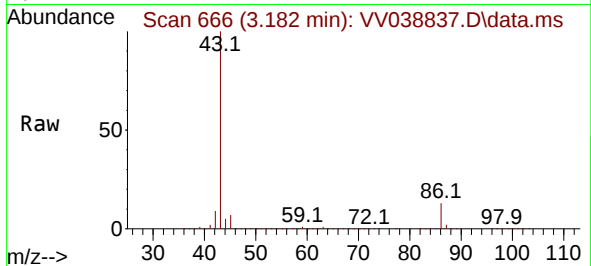




#23
 Vinyl Acetate
 Concen: 862.925 ug/l
 RT: 3.182 min Scan# 666
 Delta R.T. -0.003 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

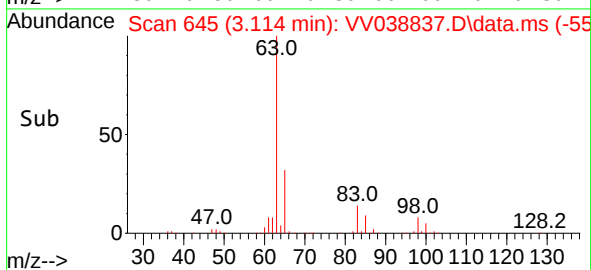
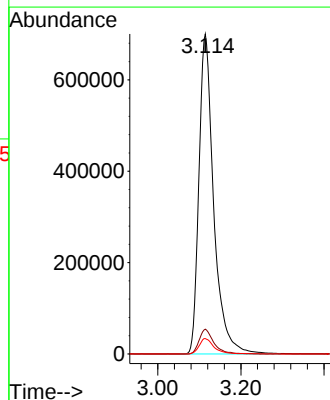
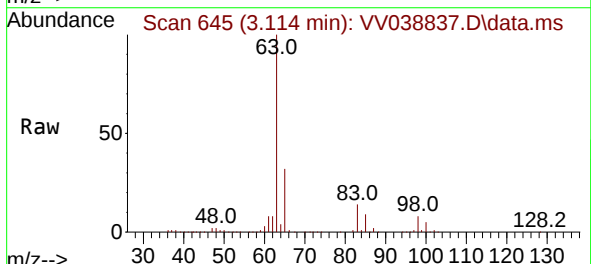
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

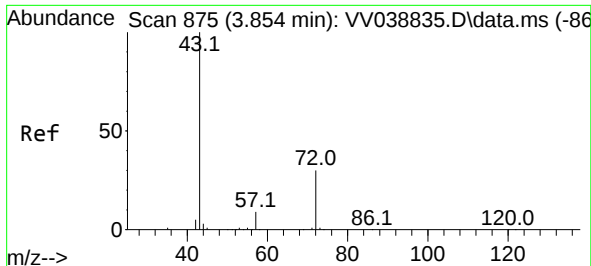
Tgt Ion: 43 Resp:11089214
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 143.899 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

Tgt Ion: 63 Resp: 1728761
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.1 12.3
 100 4.8 2.4 7.2

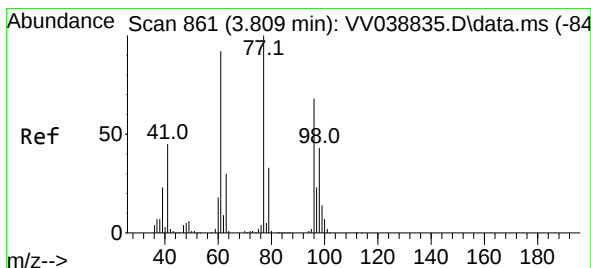
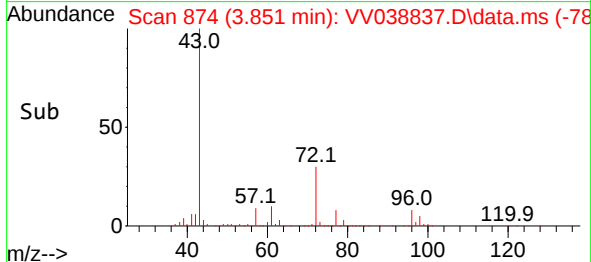
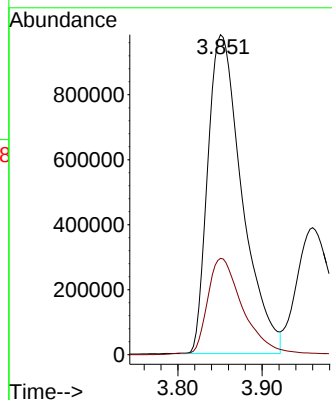
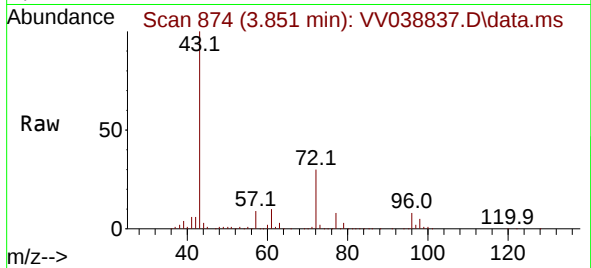




#25
2-Butanone
Concen: 841.178 ug/l
RT: 3.851 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

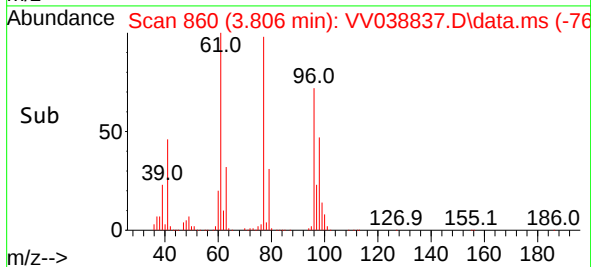
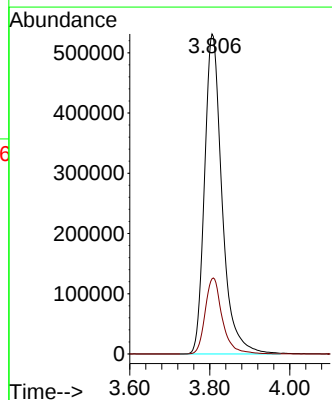
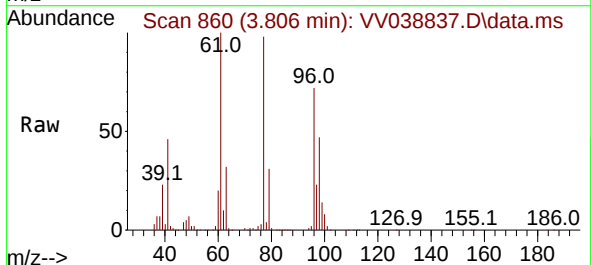
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

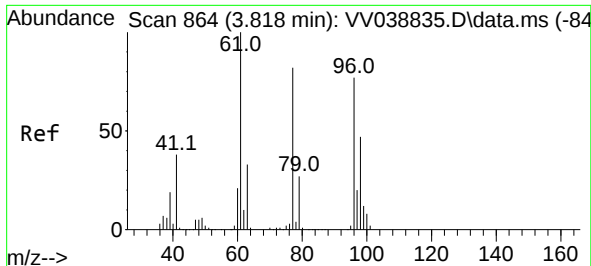
Tgt Ion: 43 Resp: 2778455
Ion Ratio Lower Upper
43 100
72 29.7 23.8 35.8



#26
2,2-Dichloropropane
Concen: 145.531 ug/l
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 77 Resp: 1620447
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.4



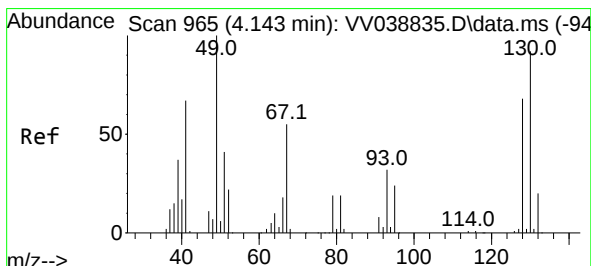
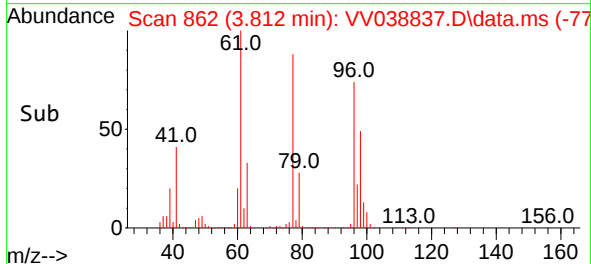
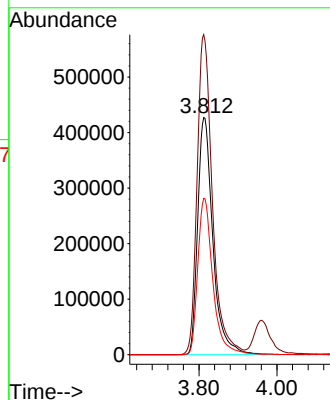
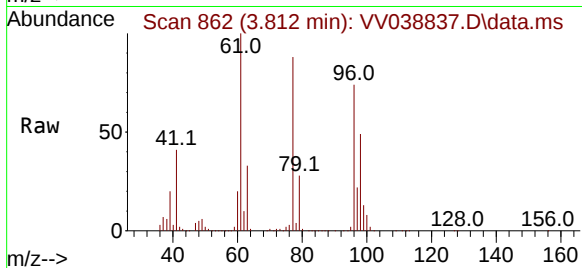


#27
 cis-1,2-Dichloroethene
 Concen: 153.608 ug/l
 RT: 3.812 min Scan# 862
 Delta R.T. -0.006 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 1157138

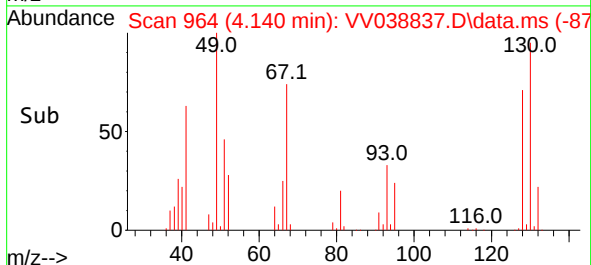
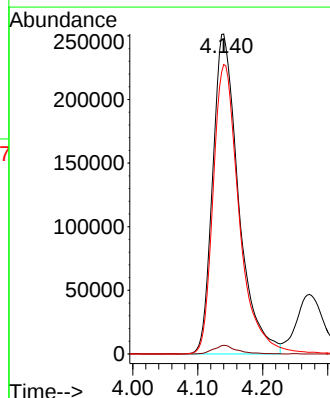
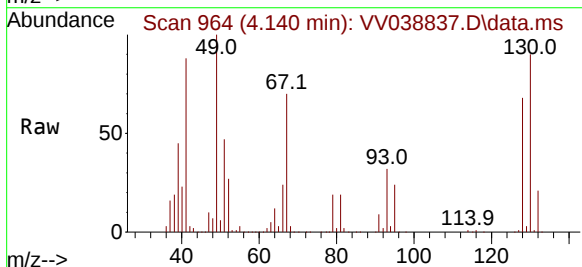
Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	268.4
98	65.2	0.0	128.0

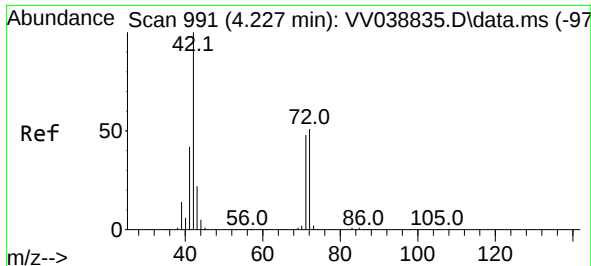


#28
 Bromochloromethane
 Concen: 135.252 ug/l
 RT: 4.140 min Scan# 964
 Delta R.T. -0.003 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

Tgt Ion: 49 Resp: 694459

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.2#
130	91.4	72.5	108.7

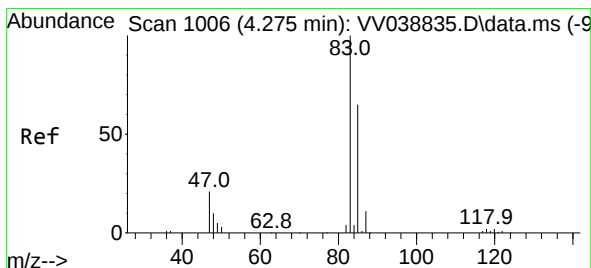
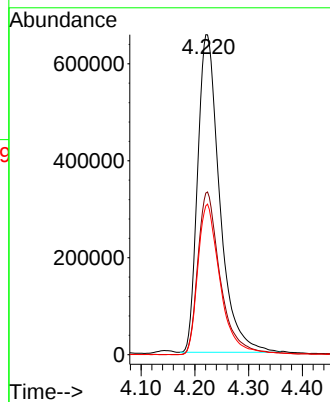
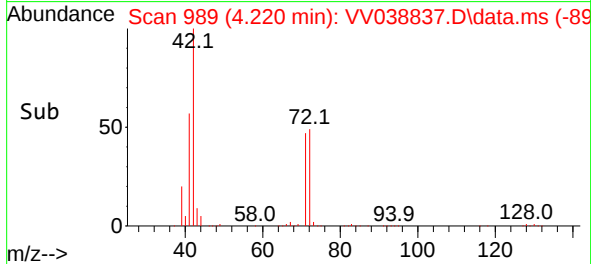
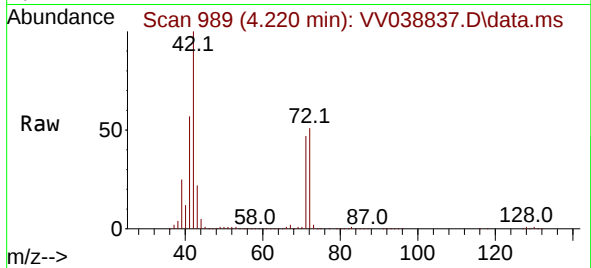




#29
Tetrahydrofuran
Concen: 821.008 ug/l
RT: 4.220 min Scan# 91
Delta R.T. -0.006 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

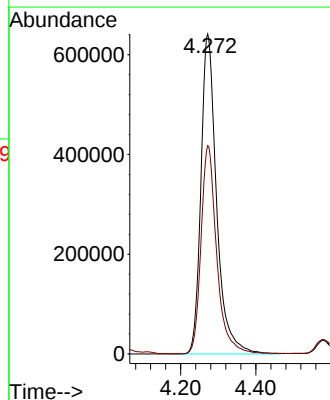
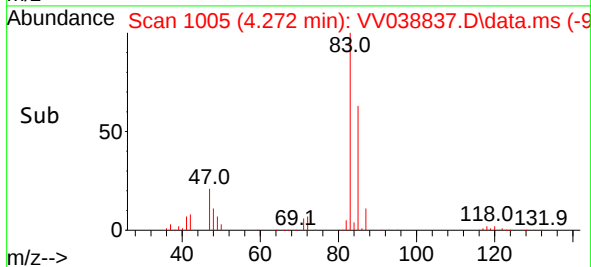
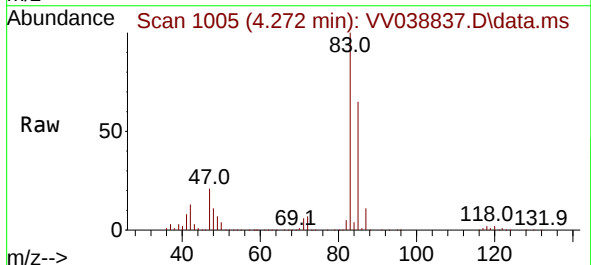
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

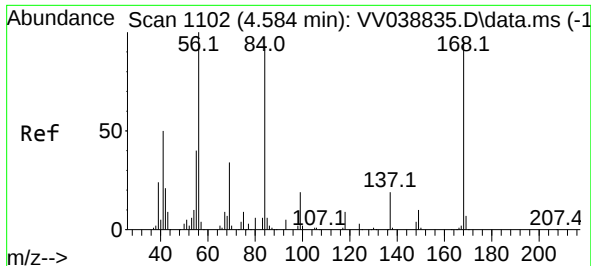
Tgt Ion: 42 Resp: 1865056
Ion Ratio Lower Upper
42 100
72 52.5 41.3 61.9
71 48.5 39.2 58.8



#30
Chloroform
Concen: 141.922 ug/l
RT: 4.272 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 83 Resp: 1857695
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.6

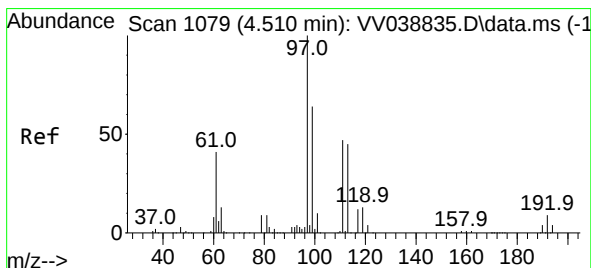
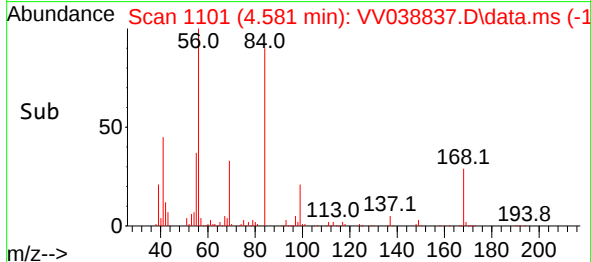
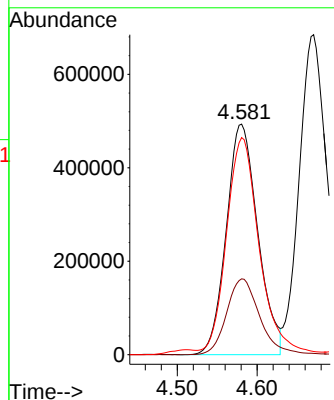
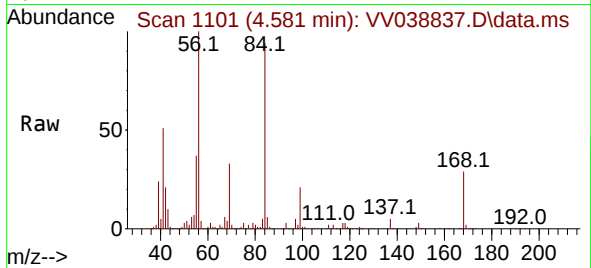




#31
Cyclohexane
Concen: 142.124 ug/l
RT: 4.581 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

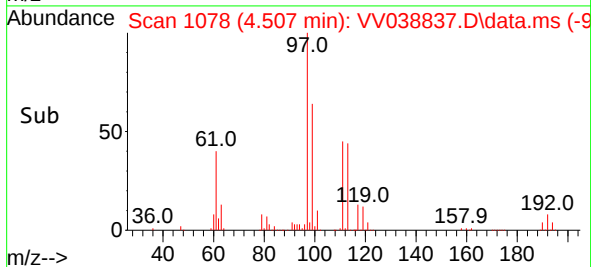
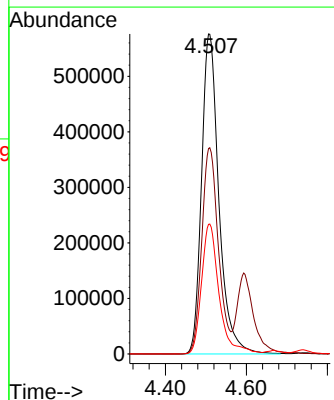
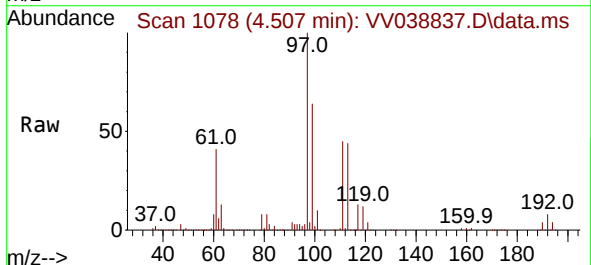
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

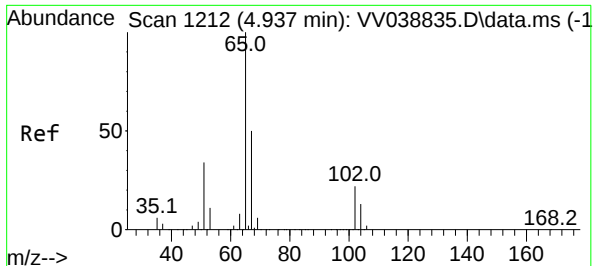
Tgt Ion: 56 Resp: 1352192
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.4
84 92.2 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 140.773 ug/l
RT: 4.507 min Scan# 1078
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 97 Resp: 1710171
Ion Ratio Lower Upper
97 100
99 61.7 48.8 73.2
61 41.2 31.8 47.8

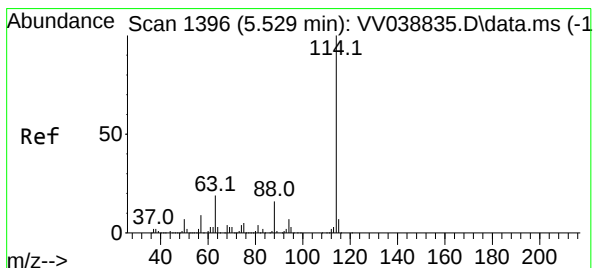
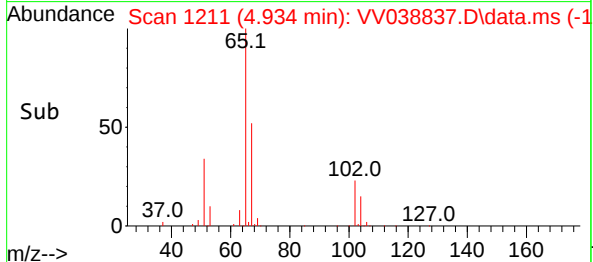
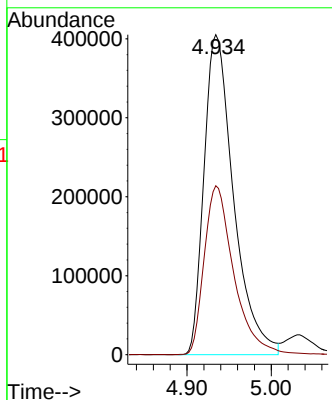
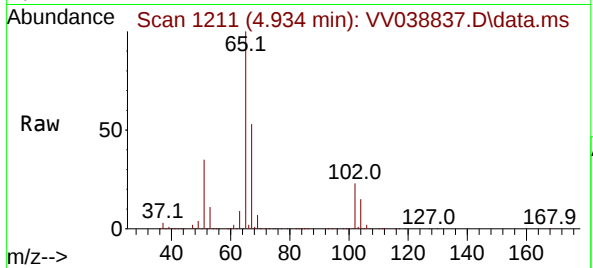




#33
 1,2-Dichloroethane-d4
 Concen: 140.855 ug/l
 RT: 4.934 min Scan# 1211
 Delta R.T. -0.003 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

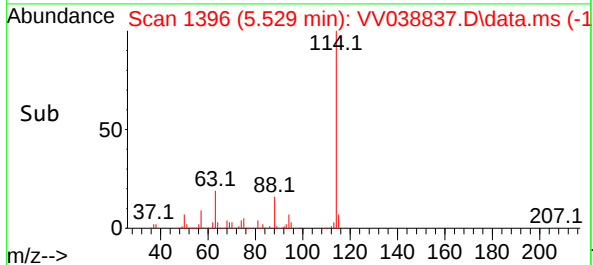
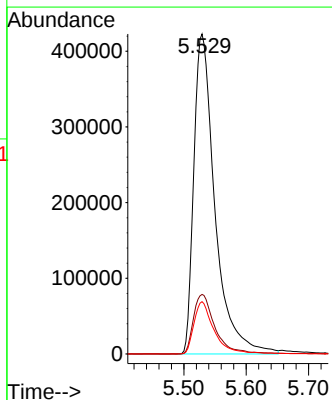
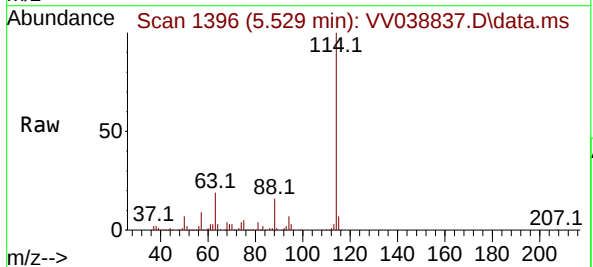
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

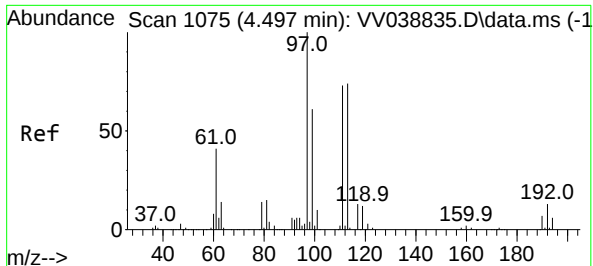
Tgt Ion: 65 Resp: 990811
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.529 min Scan# 1396
 Delta R.T. 0.000 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

Tgt Ion: 114 Resp: 996166
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.4
 88 16.4 0.0 31.2

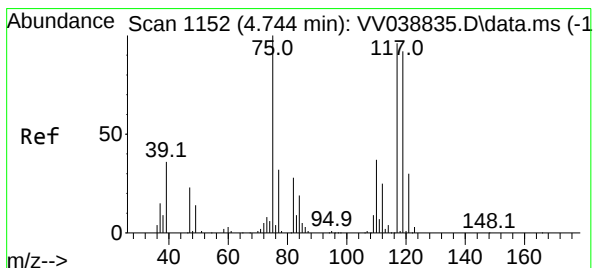
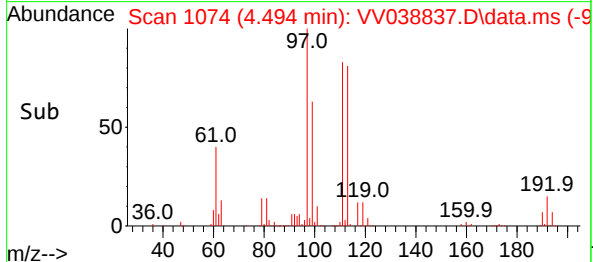
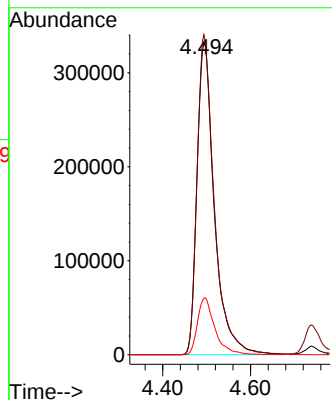
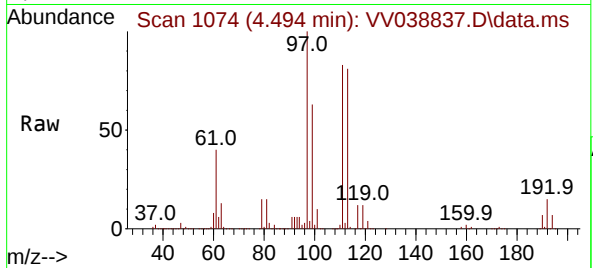




#35
Dibromofluoromethane
Concen: 144.265 ug/l
RT: 4.494 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

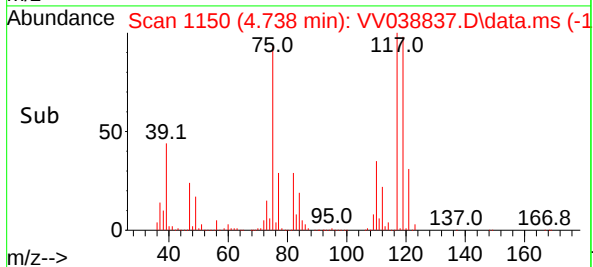
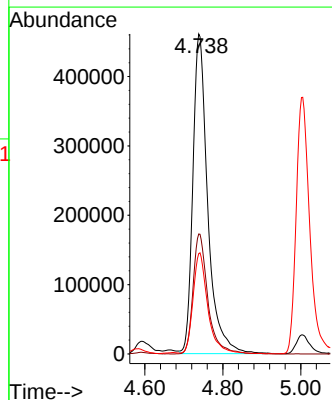
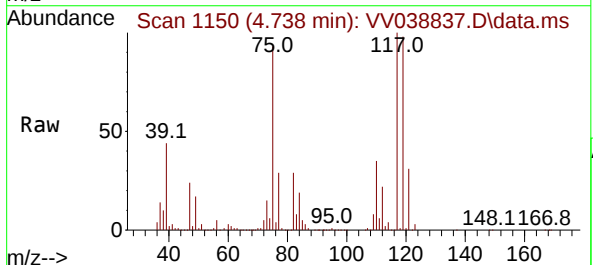
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

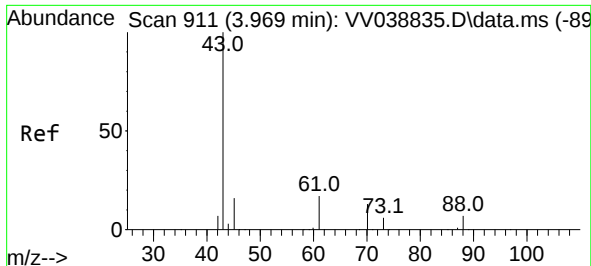
Tgt Ion:113 Resp: 910303
Ion Ratio Lower Upper
113 100
111 102.2 81.5 122.3
192 18.2 14.7 22.1



#36
1,1-Dichloropropene
Concen: 159.863 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 75 Resp: 1224040
Ion Ratio Lower Upper
75 100
110 37.3 19.3 57.9
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 152.284 ug/l

RT: 3.960 min Scan# 908

Delta R.T. -0.009 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

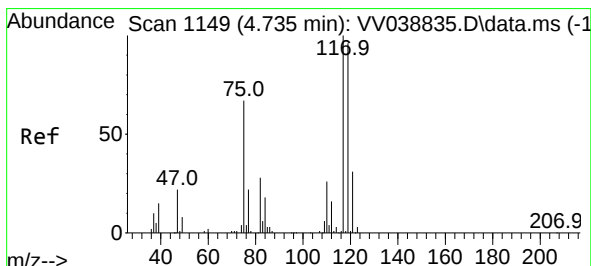
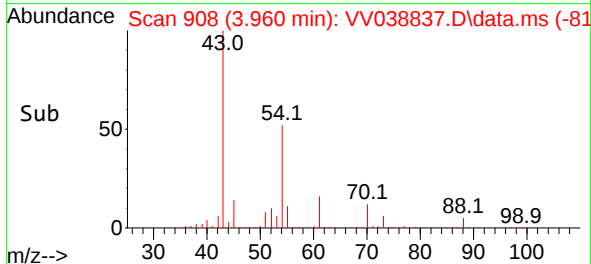
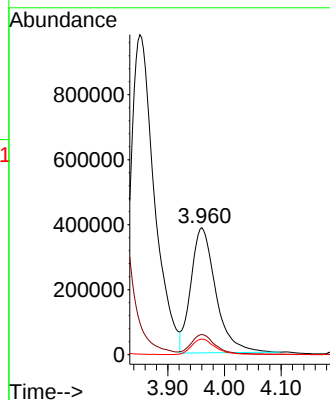
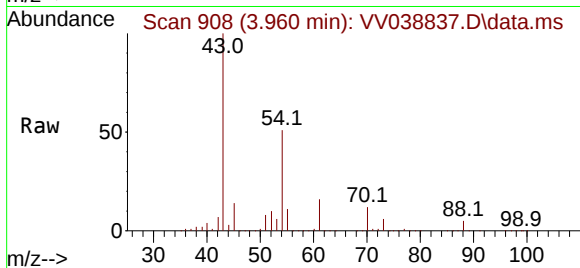
MSVOA_V

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 1172352

Ion	Ratio	Lower	Upper
43	100		
61	14.9	13.0	19.4
70	11.6	9.6	14.4



#38

Carbon Tetrachloride

Concen: 145.972 ug/l

RT: 4.732 min Scan# 1148

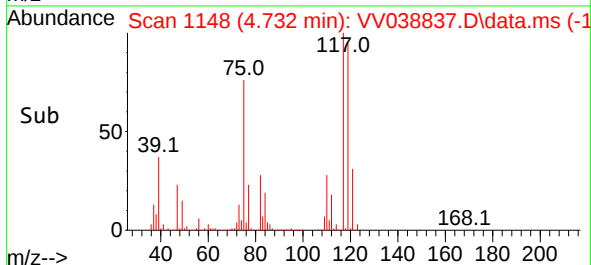
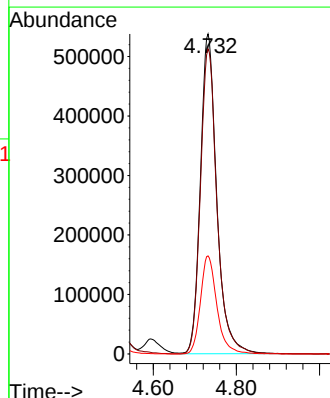
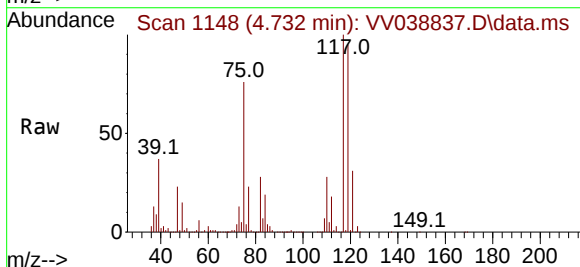
Delta R.T. -0.003 min

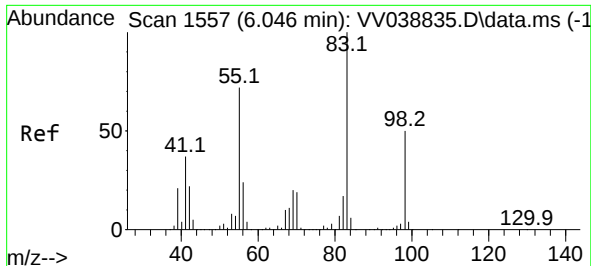
Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Tgt Ion: 117 Resp: 1471115

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.5	114.7
121	30.7	25.0	37.6

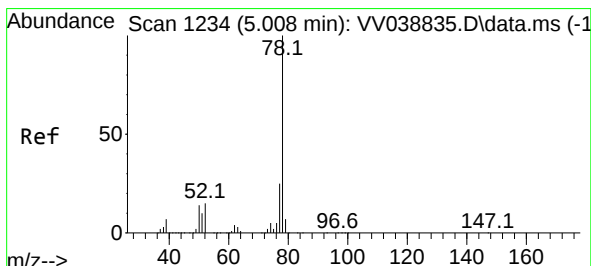
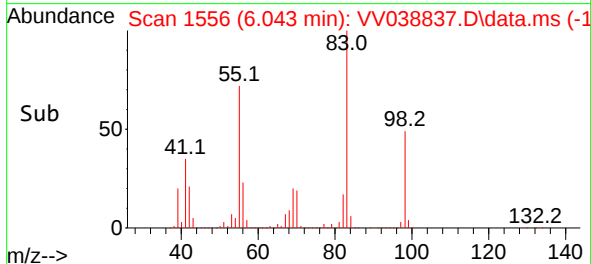
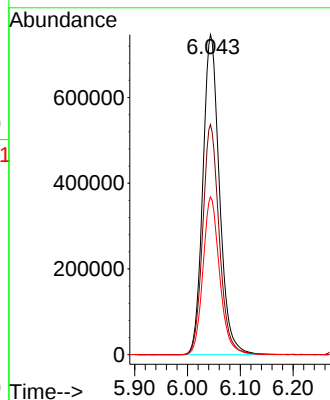
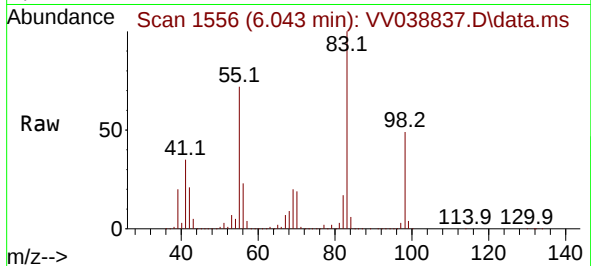




#39
Methylcyclohexane
Concen: 163.135 ug/l
RT: 6.043 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

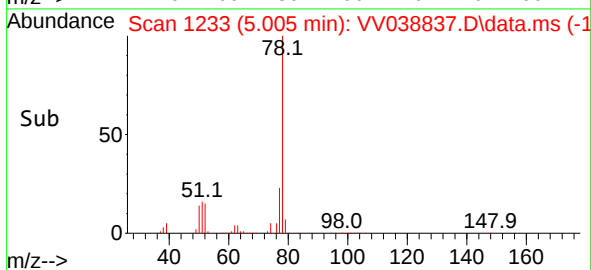
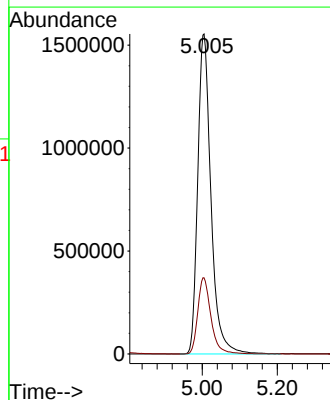
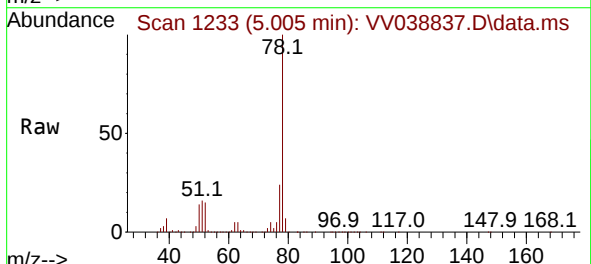
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

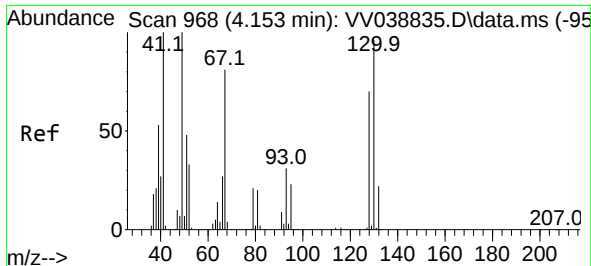
Tgt Ion: 83 Resp: 1633172
Ion Ratio Lower Upper
83 100
55 71.9 57.7 86.5
98 49.3 40.2 60.2



#40
Benzene
Concen: 154.551 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 78 Resp: 3795614
Ion Ratio Lower Upper
78 100
77 23.8 19.6 29.4



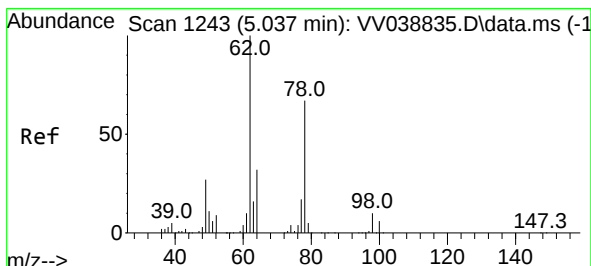
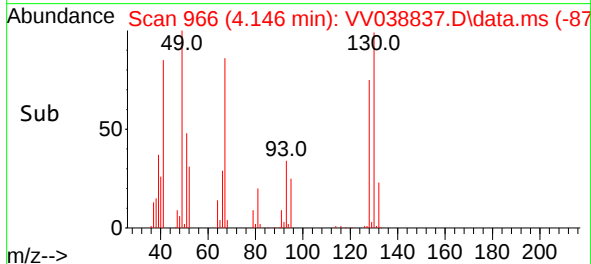
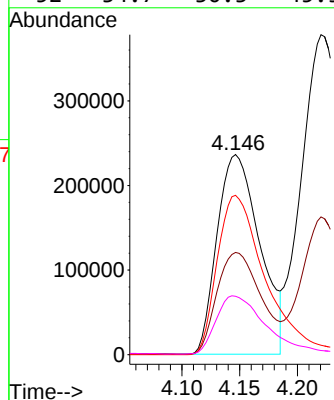
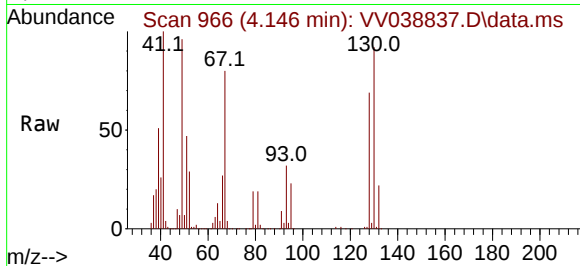


#41
Methacrylonitrile
Concen: 151.018 ug/l
RT: 4.146 min Scan# 966
Delta R.T. -0.006 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 608652

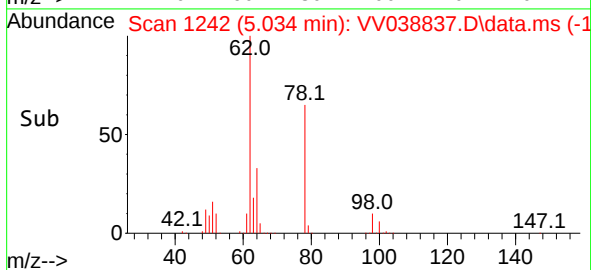
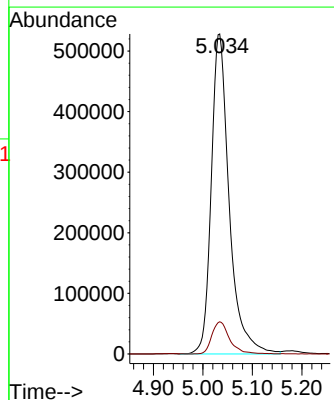
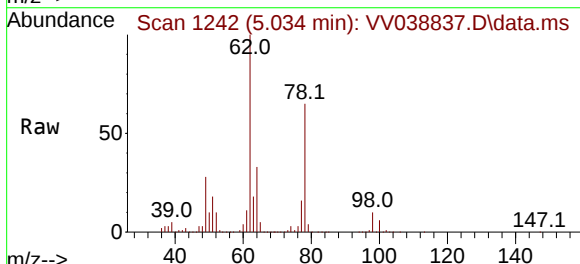
Ion	Ratio	Lower	Upper
41	100		
39	52.4	43.8	65.8
67	92.1	78.8	118.2
52	34.7	30.3	45.5

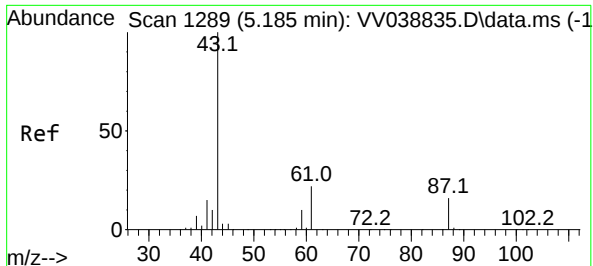


#42
1,2-Dichloroethane
Concen: 148.266 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 62 Resp: 1327165

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0



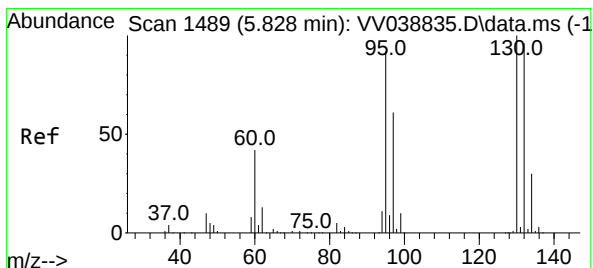
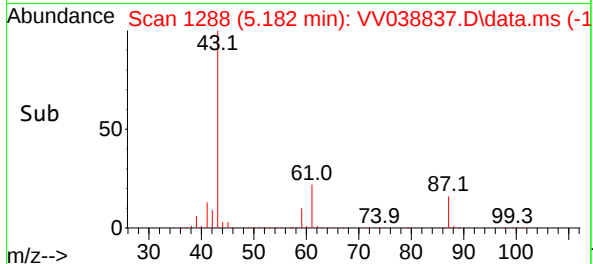
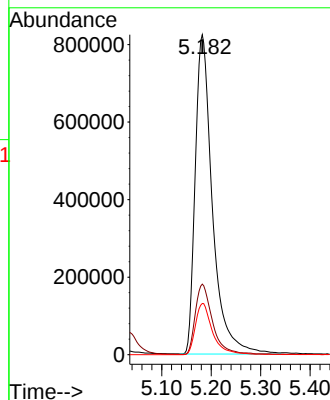
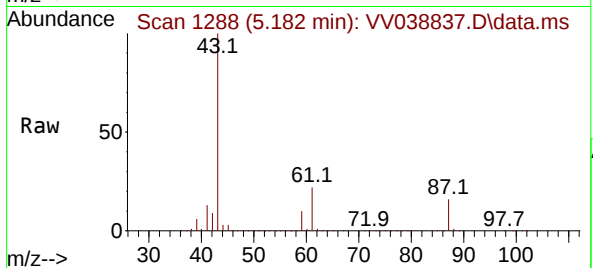


#43
Isopropyl Acetate
Concen: 160.927 ug/l
RT: 5.182 min Scan# 1288
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1997842

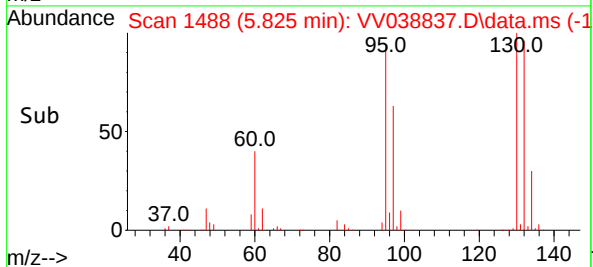
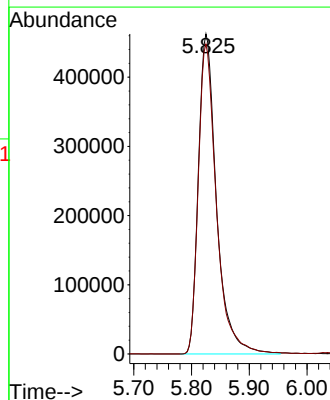
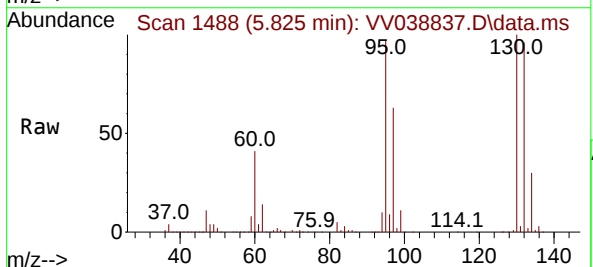
Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.0	25.6
87	15.9	13.0	19.6

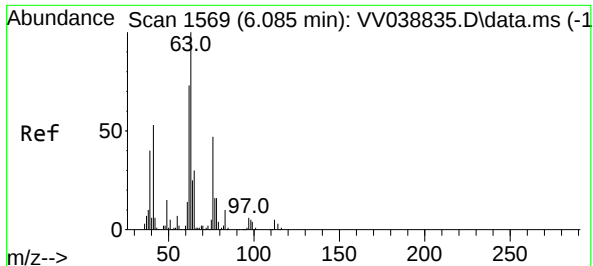


#44
Trichloroethene
Concen: 152.397 ug/l
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion:130 Resp: 1005539

Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	184.4





#45

1,2-Dichloropropane

Concen: 149.491 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

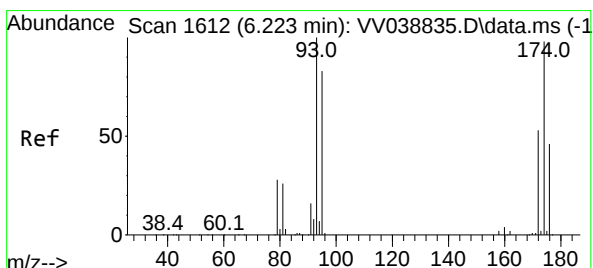
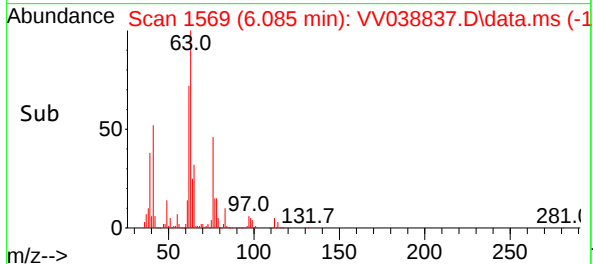
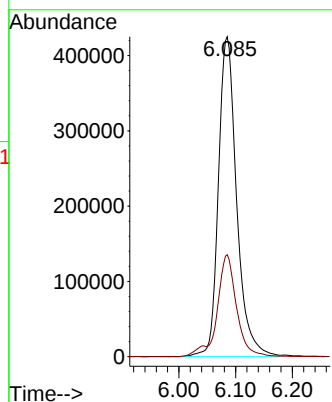
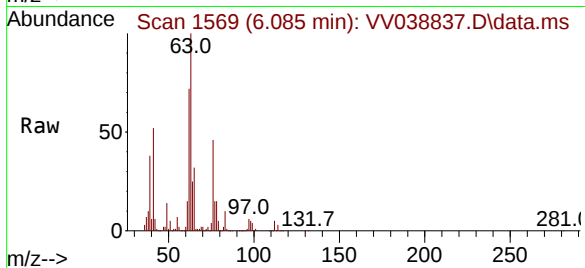
VSTDIC150

Tgt Ion: 63 Resp: 949231

Ion Ratio Lower Upper

63 100

65 31.8 24.3 36.5



#46

Dibromomethane

Concen: 145.786 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

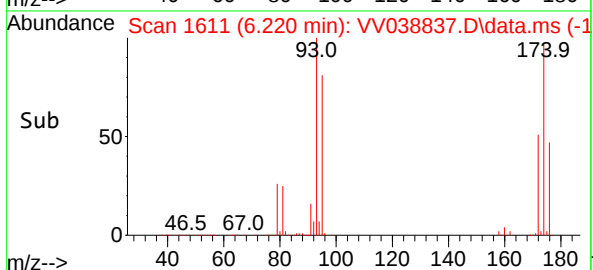
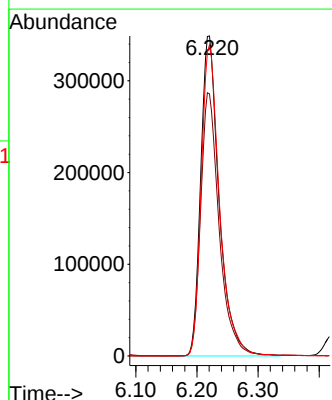
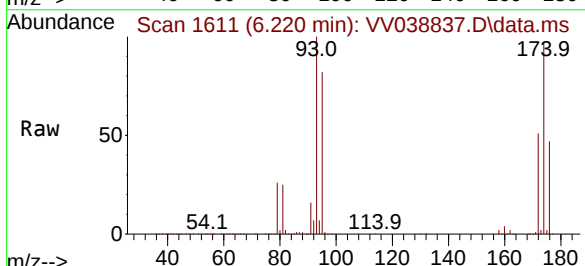
Tgt Ion: 93 Resp: 730024

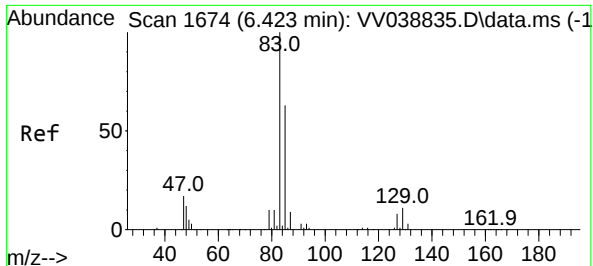
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 96.9 78.7 118.1

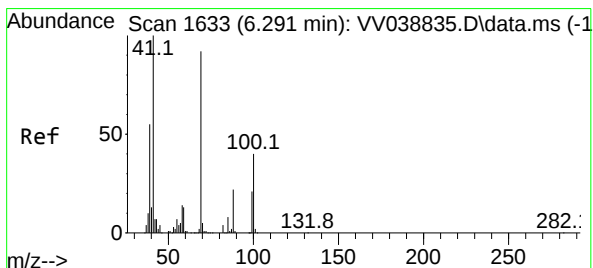
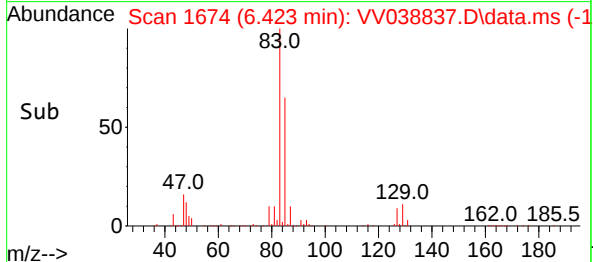
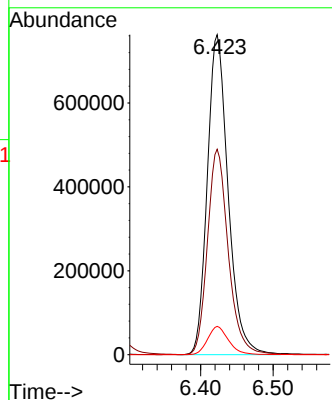
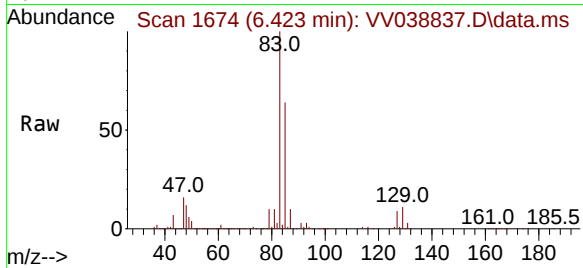




#47
Bromodichloromethane
Concen: 143.501 ug/l
RT: 6.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

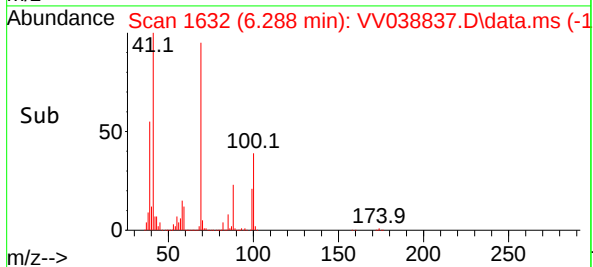
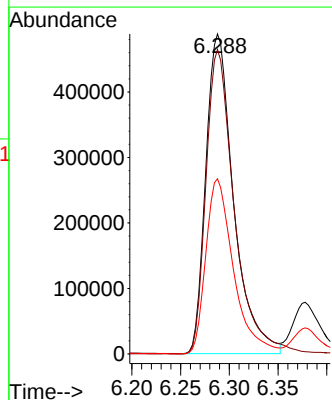
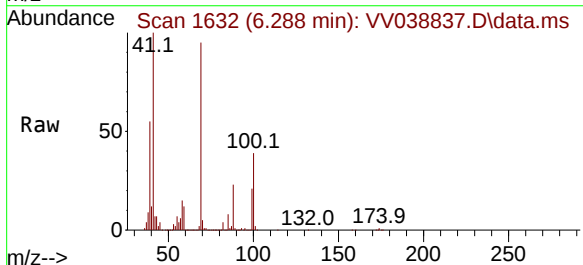
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

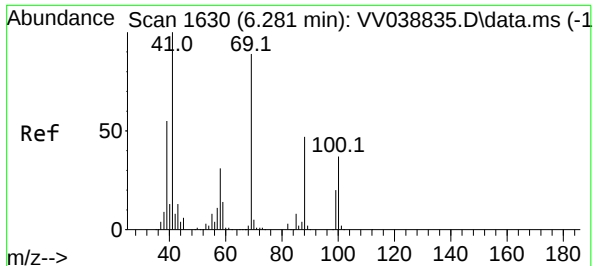
Tgt Ion: 83 Resp: 1521558
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 172.247 ug/l
RT: 6.288 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 41 Resp: 966995
Ion Ratio Lower Upper
41 100
69 97.8 77.4 116.2
39 54.5 44.2 66.4





#49

1,4-Dioxane

Concen: 3382.843 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

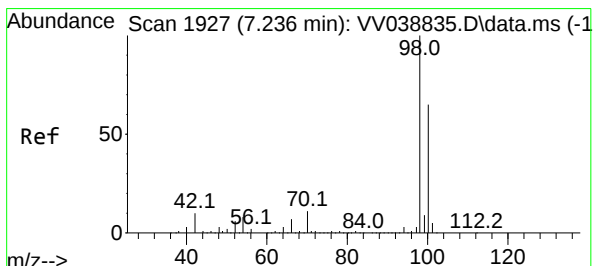
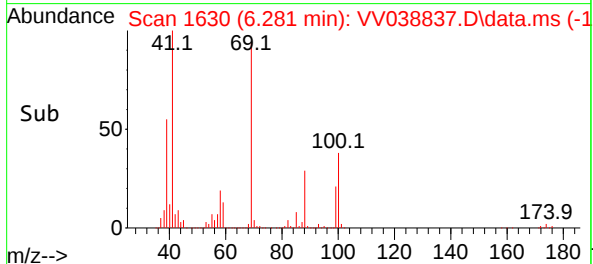
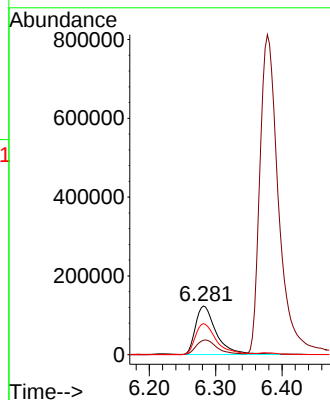
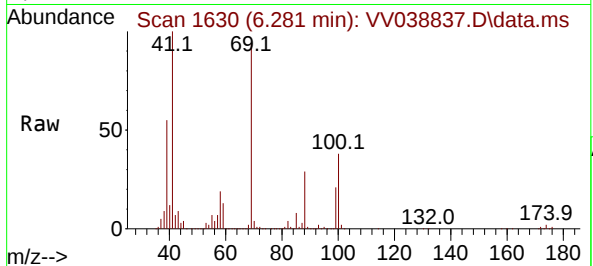
Tgt Ion: 88 Resp: 268088

Ion Ratio Lower Upper

88 100

43 29.5 25.2 37.8

58 65.1 52.1 78.1



#50

Toluene-d8

Concen: 143.356 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038837.D

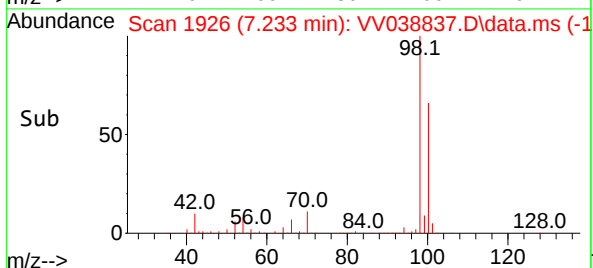
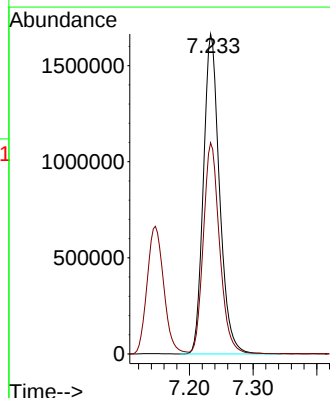
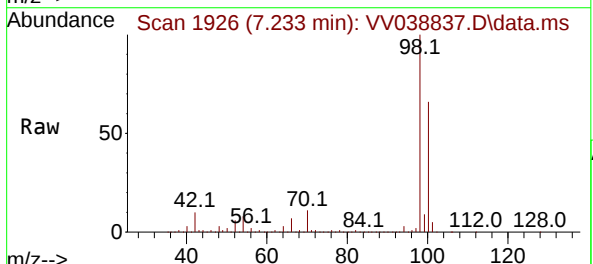
Acq: 02 Jul 2025 12:17

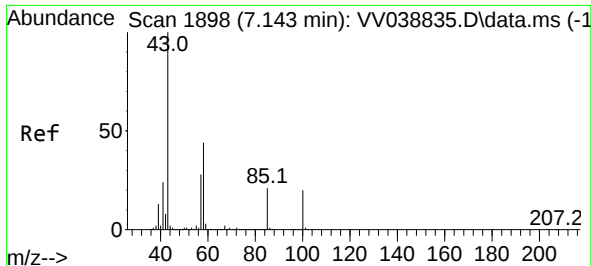
Tgt Ion: 98 Resp: 2926642

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4

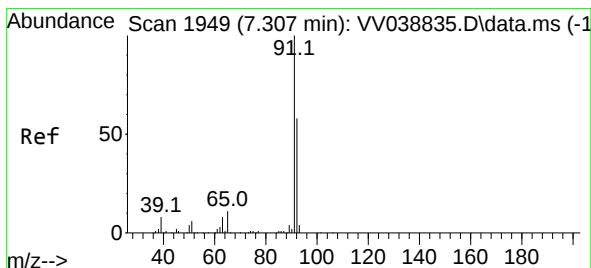
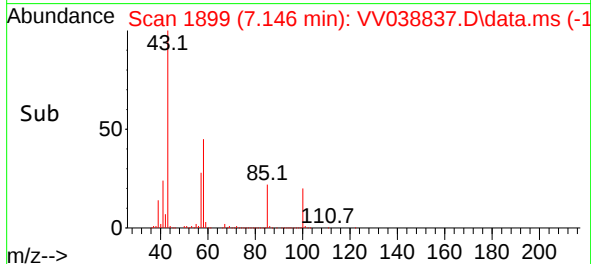
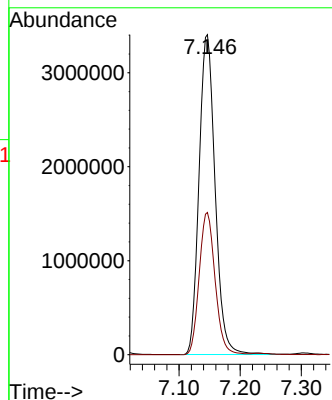
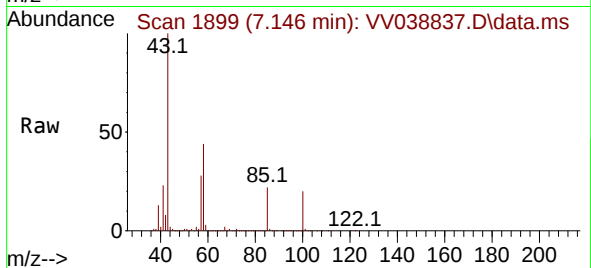




#51
4-Methyl-2-Pentanone
Concen: 803.542 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

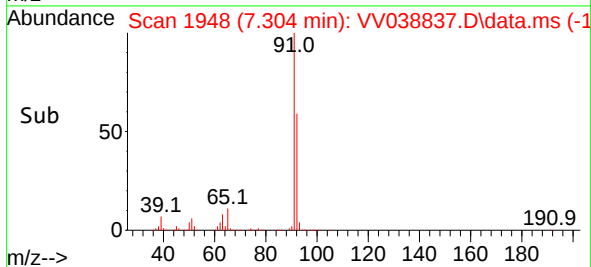
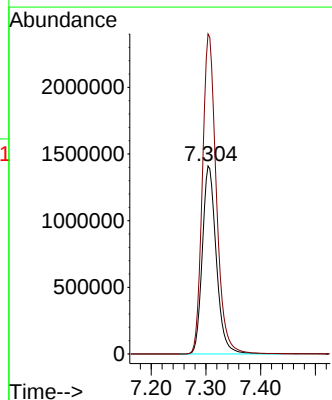
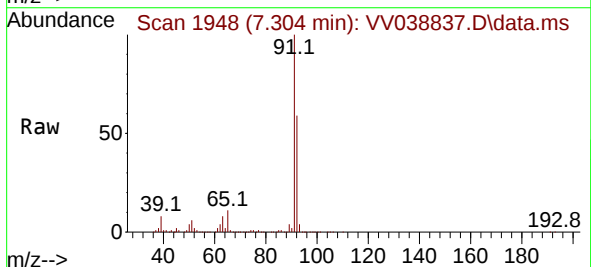
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

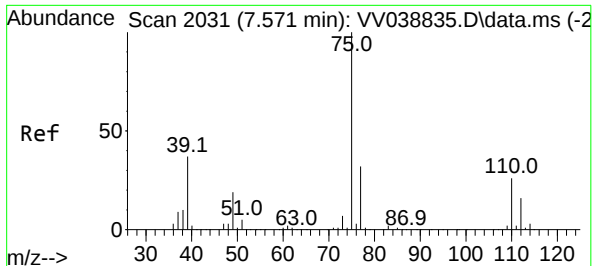
Tgt Ion: 43 Resp: 6220035
Ion Ratio Lower Upper
43 100
58 43.9 34.4 51.6



#52
Toluene
Concen: 157.936 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 92 Resp: 2494866
Ion Ratio Lower Upper
92 100
91 170.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 162.964 ug/l

RT: 7.568 min Scan# 2031

Delta R.T. -0.003 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

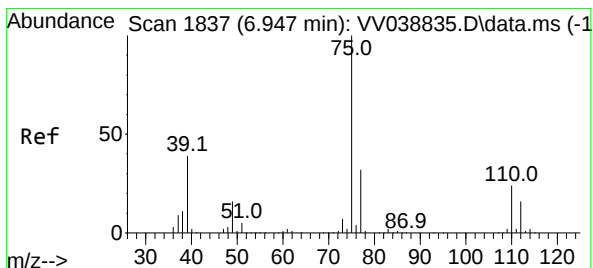
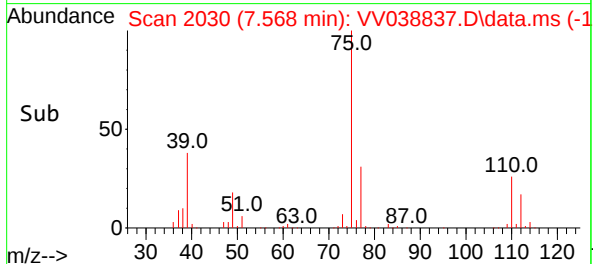
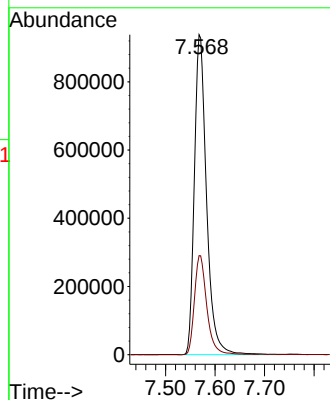
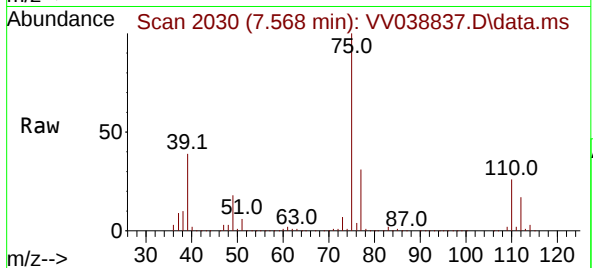
VSTDIC150

Tgt Ion: 75 Resp: 1605279

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 159.877 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

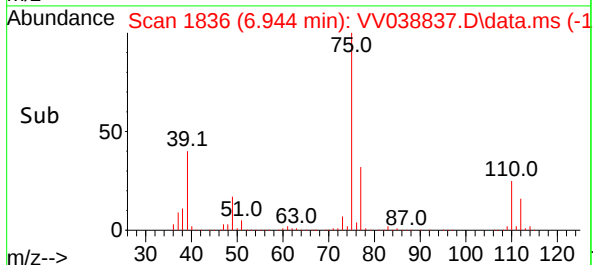
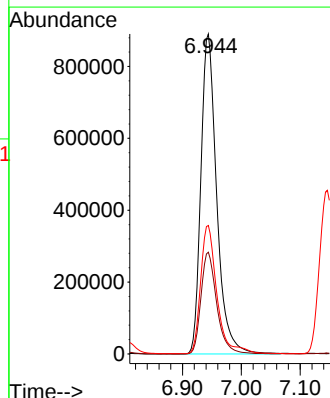
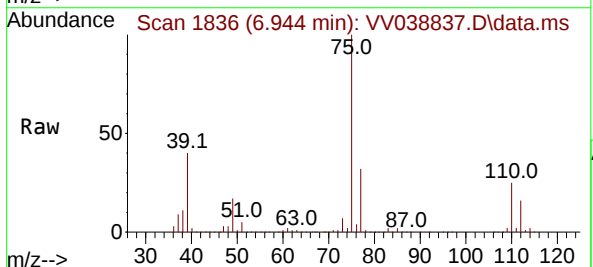
Tgt Ion: 75 Resp: 1659356

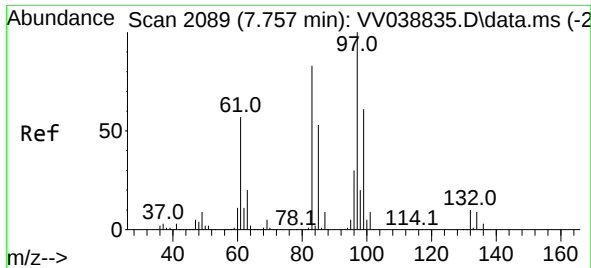
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 40.1 31.3 46.9

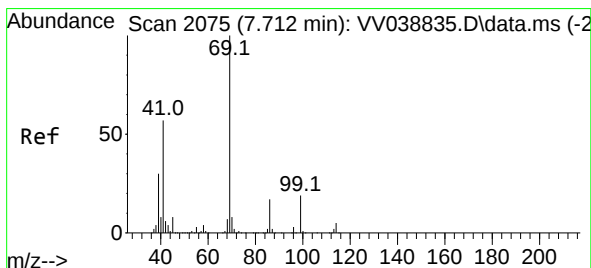
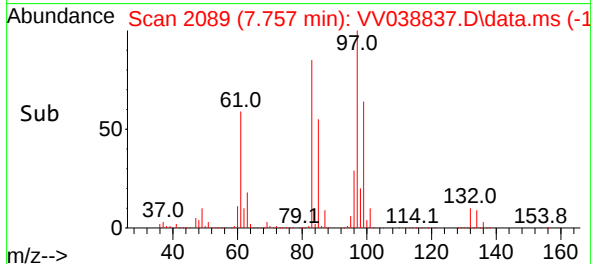
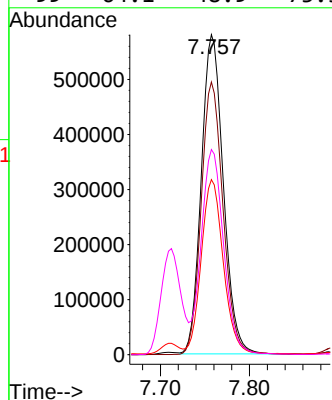
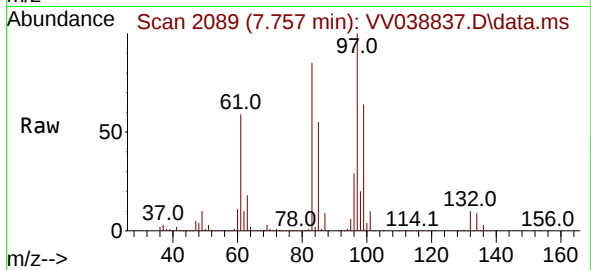




#55
 1,1,2-Trichloroethane
 Concen: 144.154 ug/l
 RT: 7.757 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

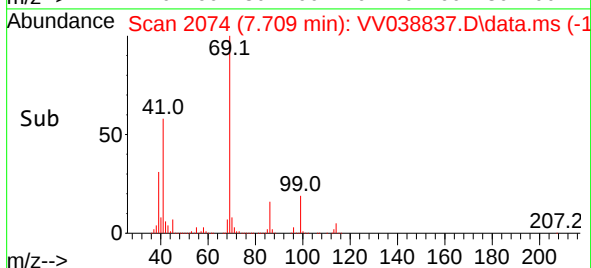
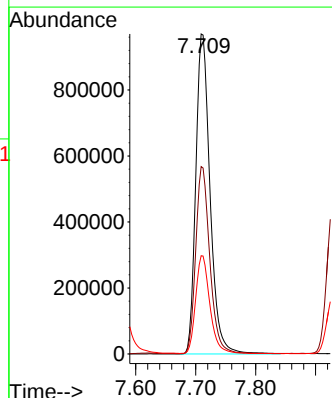
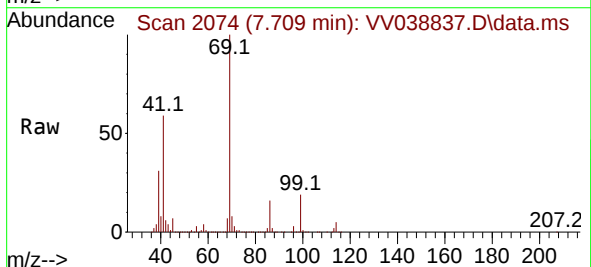
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

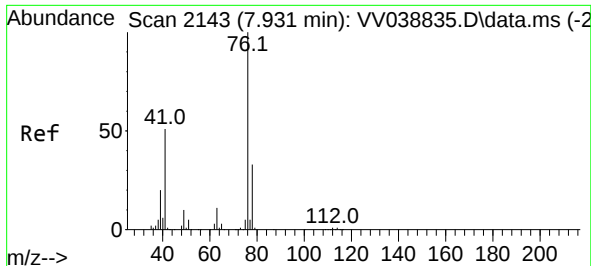
Tgt Ion:	97	Resp:	995762
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.2	99.4
85	54.5	42.2	63.4
99	64.1	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 176.740 ug/l
 RT: 7.709 min Scan# 2074
 Delta R.T. -0.003 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

Tgt Ion:	69	Resp:	1606122
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.1	69.1
39	30.4	24.1	36.1





#57

1,3-Dichloropropane

Concen: 149.920 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

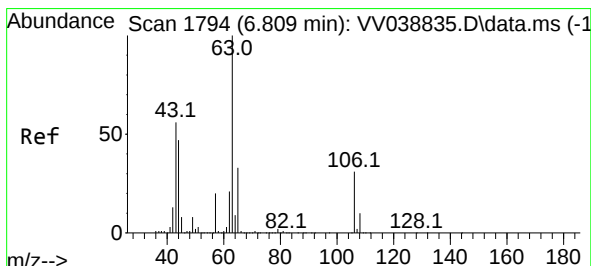
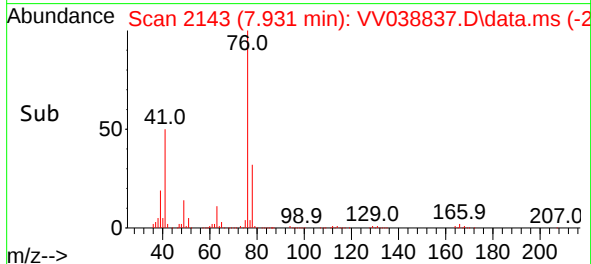
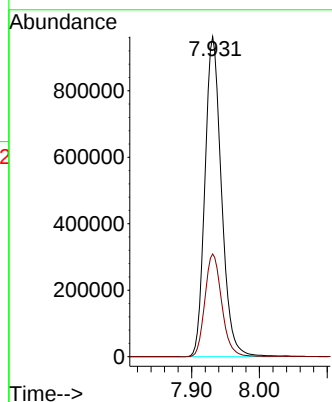
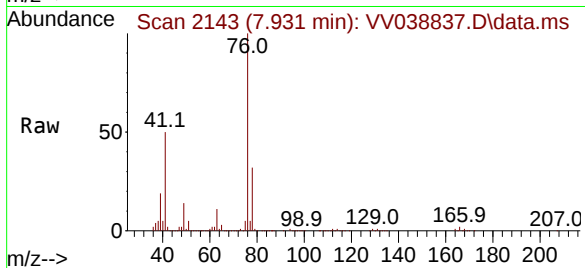
VSTDIC150

Tgt Ion: 76 Resp: 1631374

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 808.690 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VV038837.D

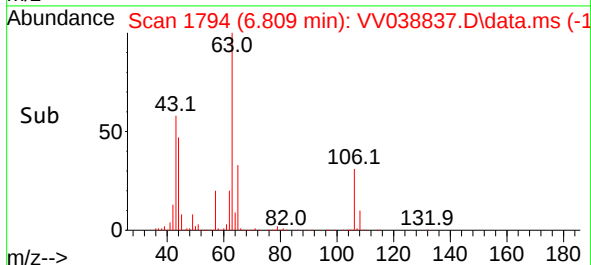
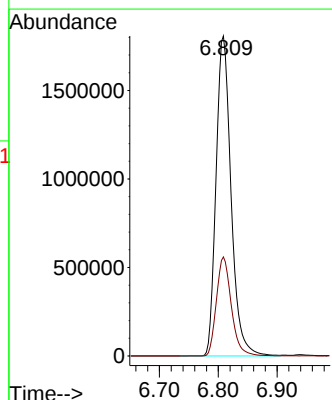
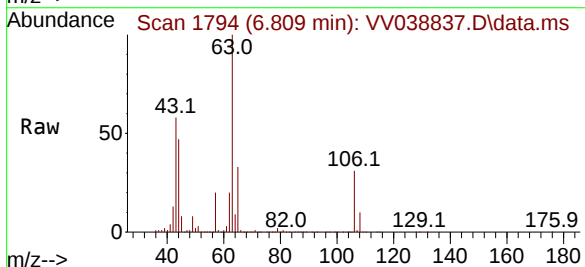
Acq: 02 Jul 2025 12:17

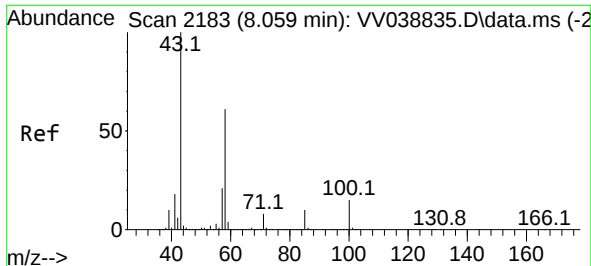
Tgt Ion: 63 Resp: 3208405

Ion Ratio Lower Upper

63 100

106 30.7 24.6 37.0

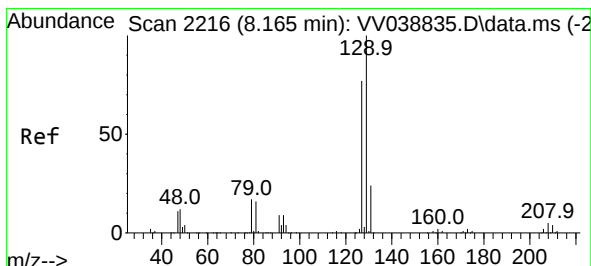
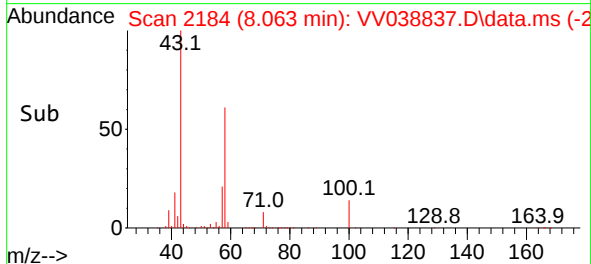
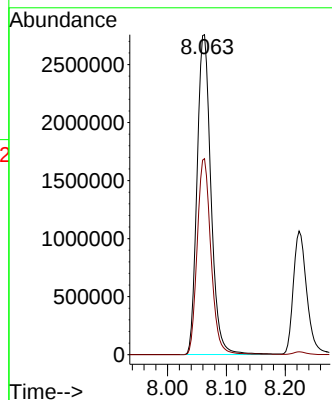
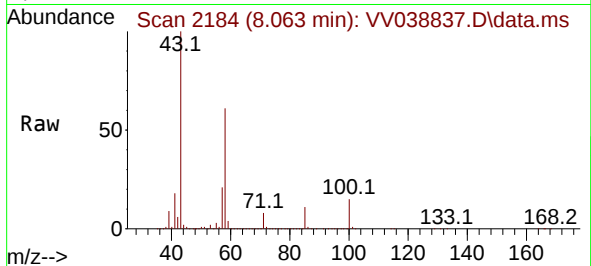




#59
2-Hexanone
Concen: 803.659 ug/l
RT: 8.063 min Scan# 2183
Delta R.T. 0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

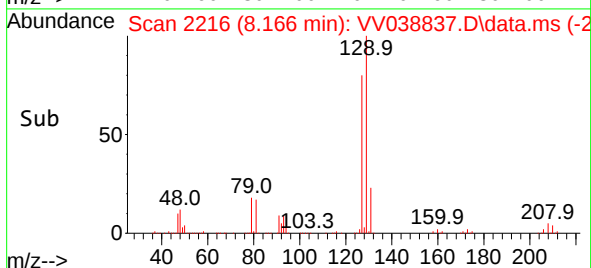
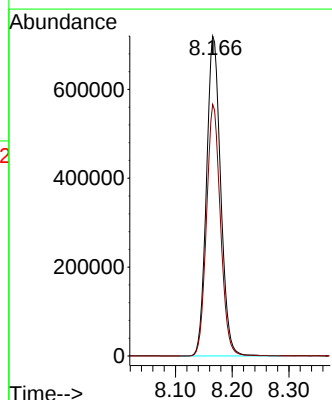
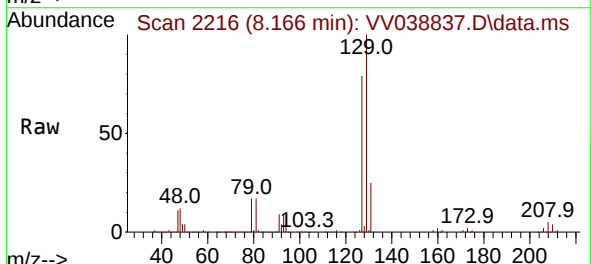
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

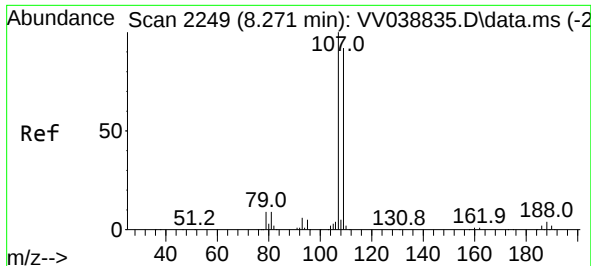
Tgt Ion: 43 Resp: 4510167
Ion Ratio Lower Upper
43 100
58 61.0 30.3 91.0



#60
Dibromochloromethane
Concen: 143.912 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 129 Resp: 1251657
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6

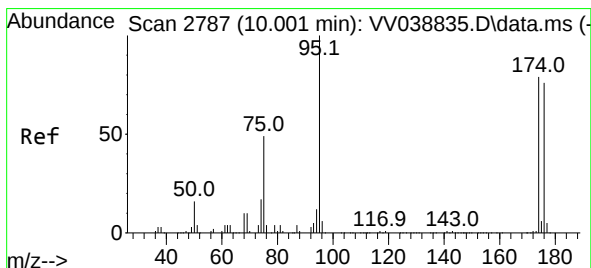
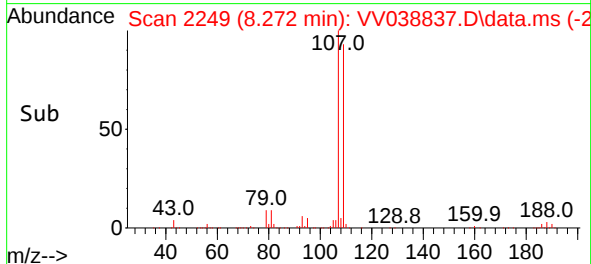
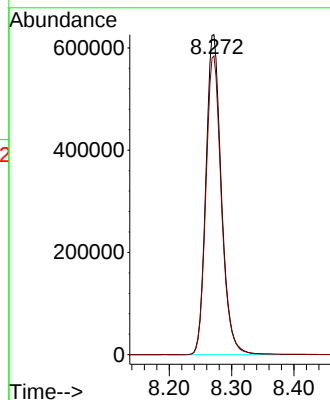
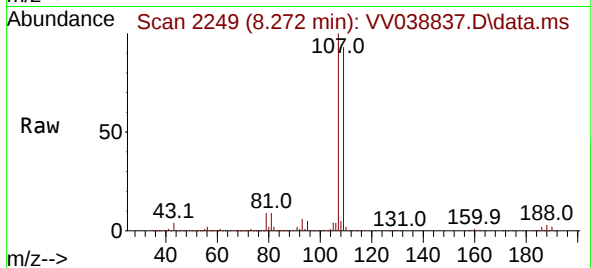




#61
1,2-Dibromoethane
Concen: 153.677 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

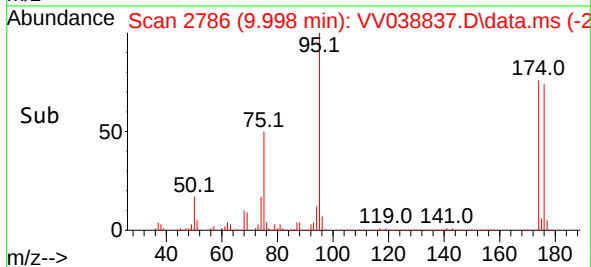
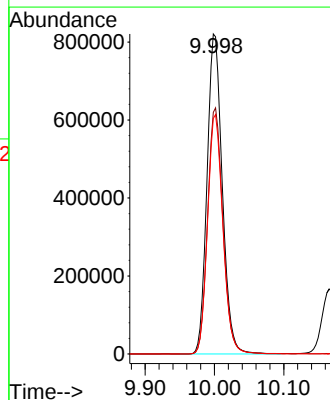
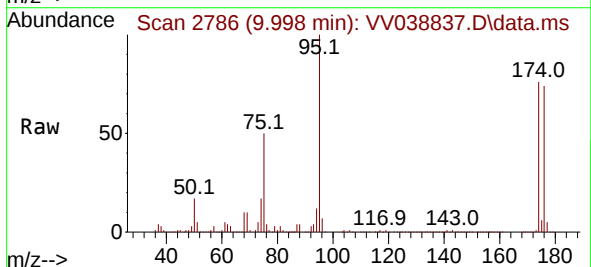
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

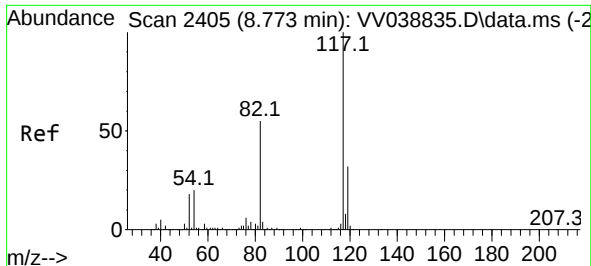
Tgt Ion:107 Resp: 1078260
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 151.653 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 95 Resp: 1250840
Ion Ratio Lower Upper
95 100
174 77.5 0.0 158.2
176 75.0 0.0 154.4

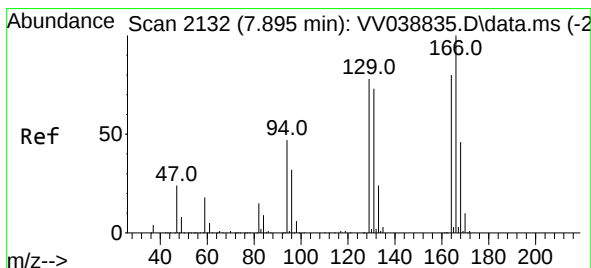
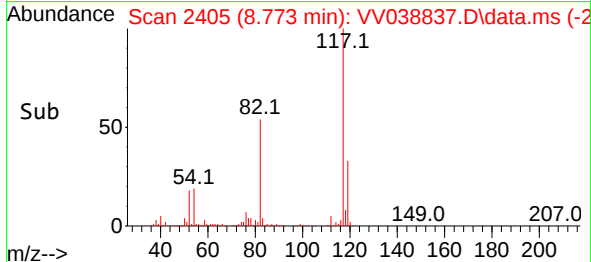
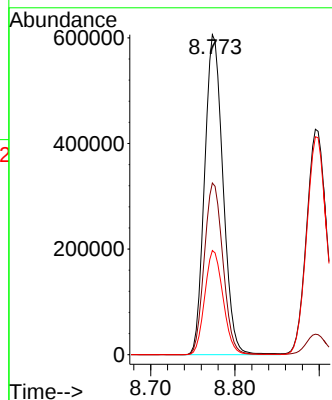
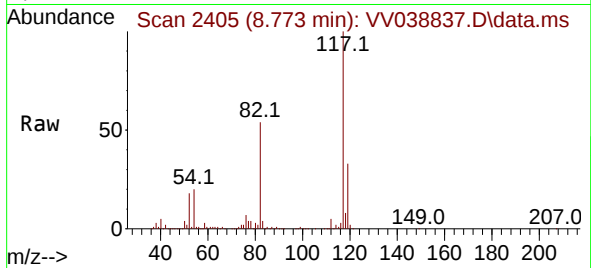




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

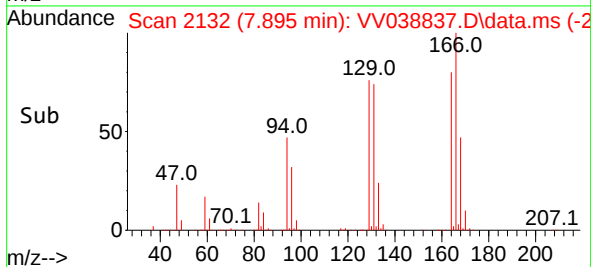
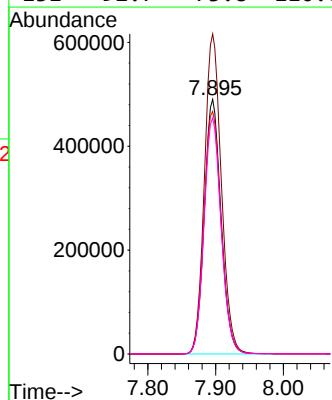
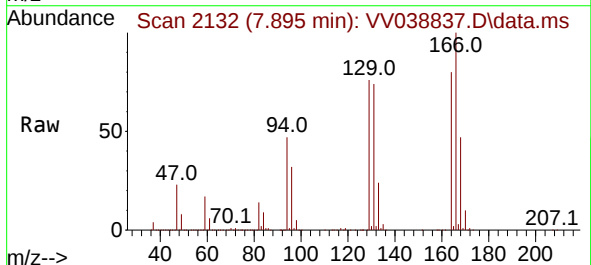
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

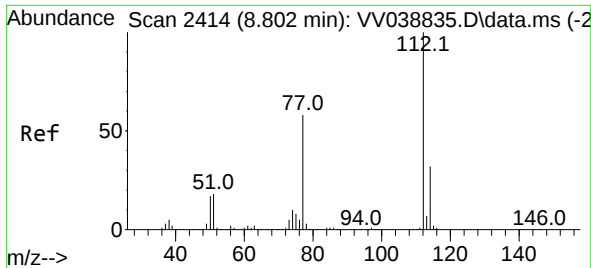
Tgt Ion:117 Resp: 923801
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 142.643 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion:164 Resp: 847379
Ion Ratio Lower Upper
164 100
166 125.7 100.6 151.0
129 95.3 78.4 117.6
131 92.7 73.8 110.6

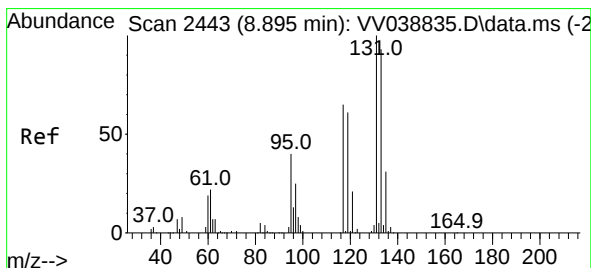
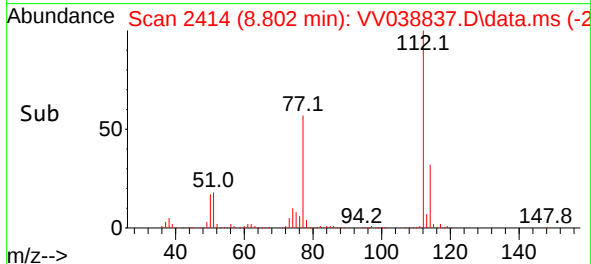
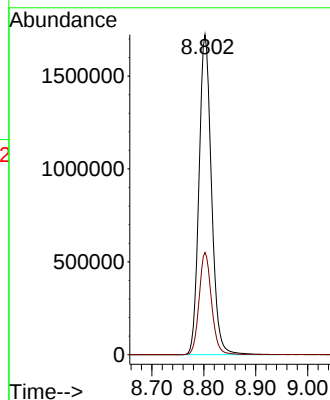
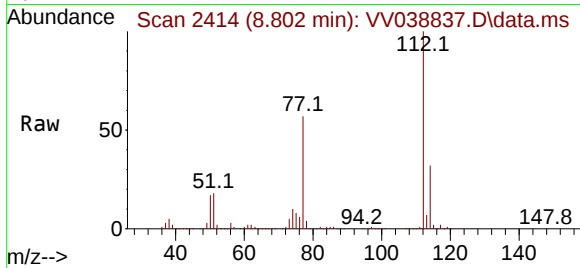




#65
Chlorobenzene
Concen: 147.680 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

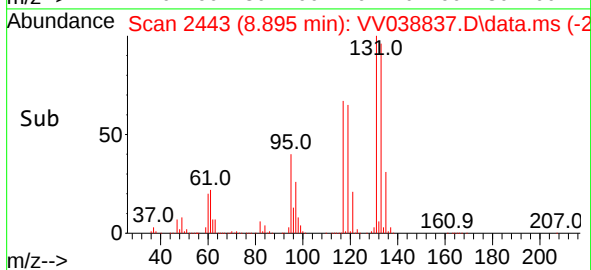
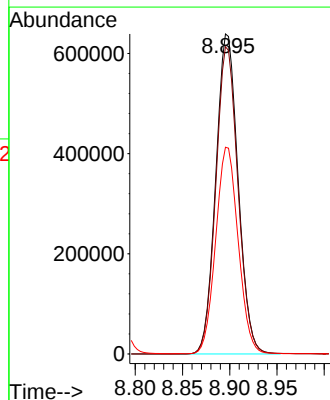
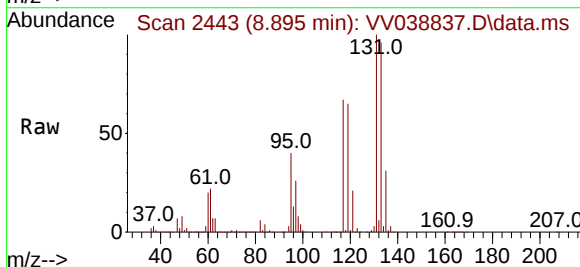
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

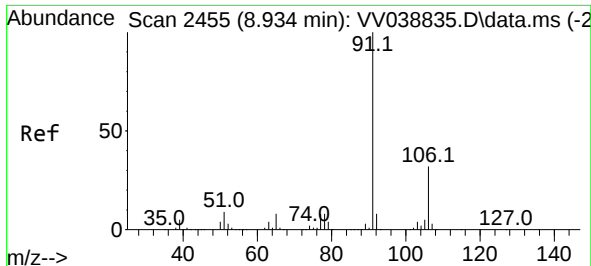
Tgt Ion:112 Resp: 2875097
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 144.363 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion:131 Resp: 1049507
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 65.0 31.0 93.0





#67

Ethyl Benzene

Concen: 161.986 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

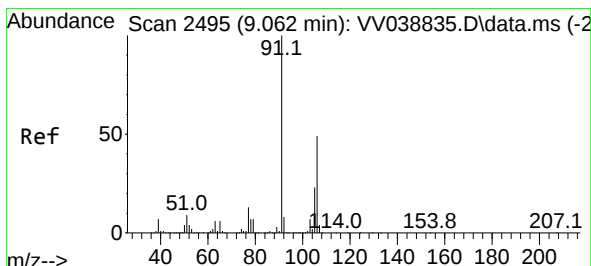
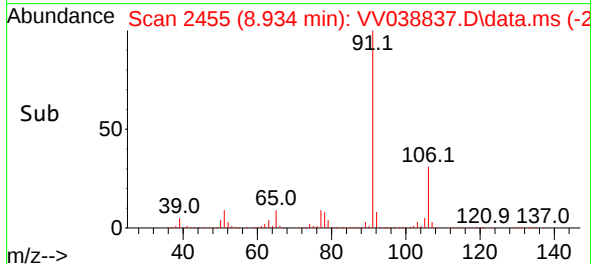
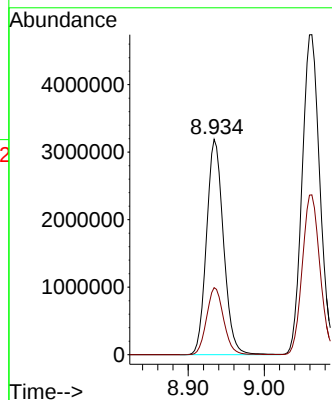
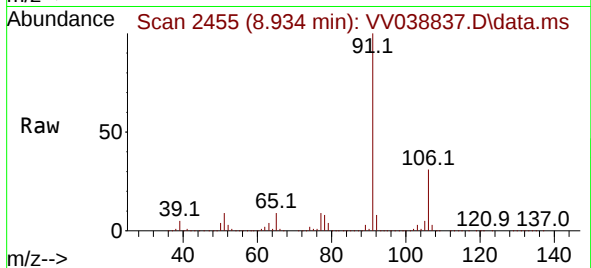
VSTDIC150

Tgt Ion: 91 Resp: 4940923

Ion Ratio Lower Upper

91 100

106 31.1 25.2 37.8



#68

m/p-Xylenes

Concen: 329.387 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038837.D

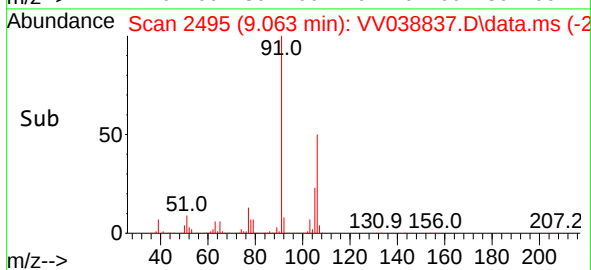
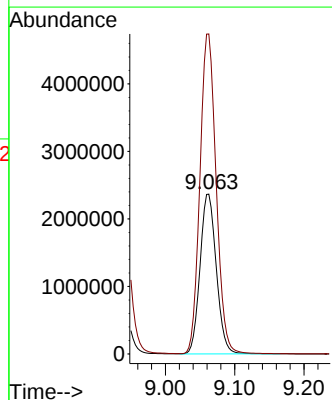
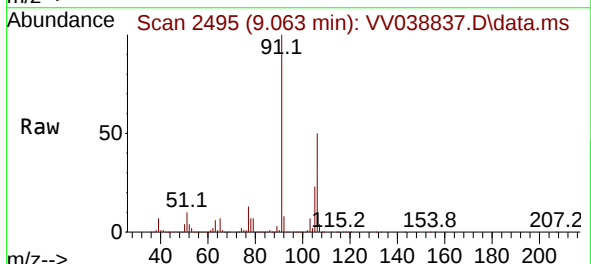
Acq: 02 Jul 2025 12:17

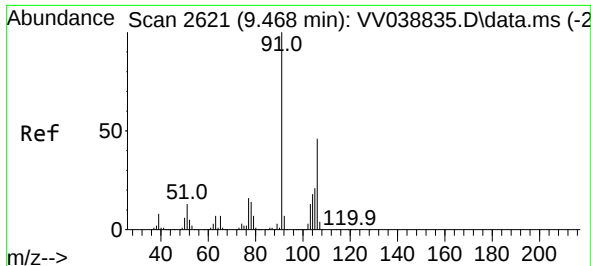
Tgt Ion: 106 Resp: 3848246

Ion Ratio Lower Upper

106 100

91 200.9 162.9 244.3

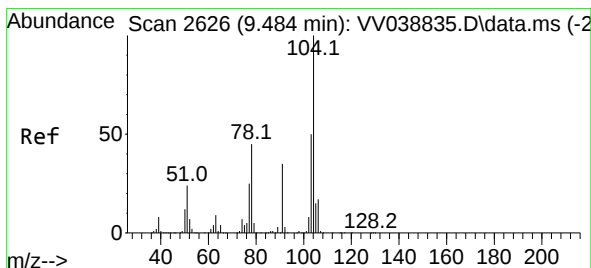
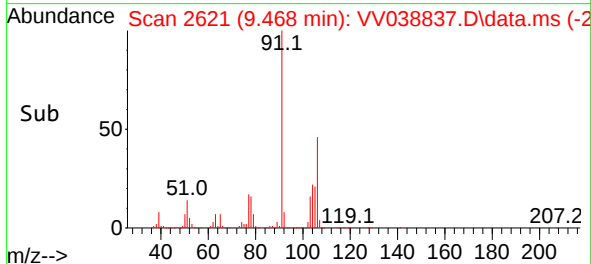
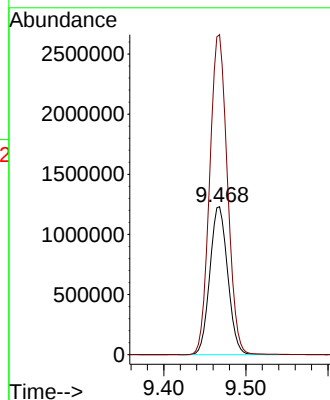
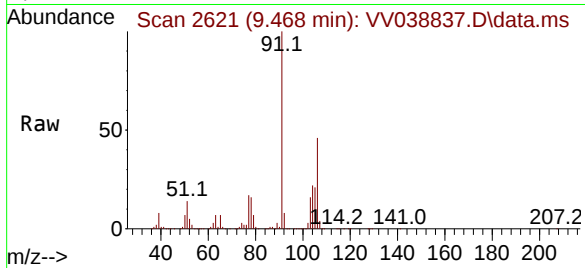




#69
o-Xylene
Concen: 166.195 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

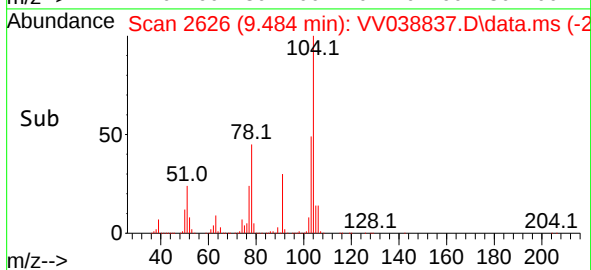
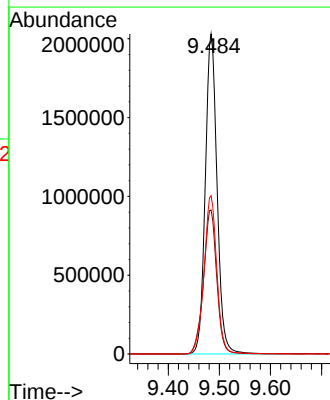
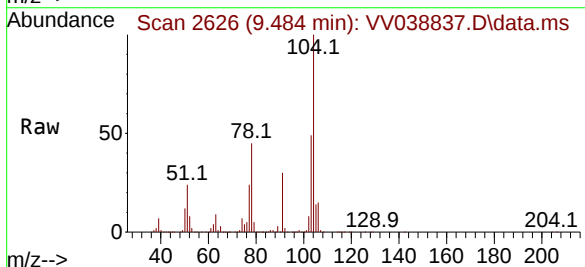
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

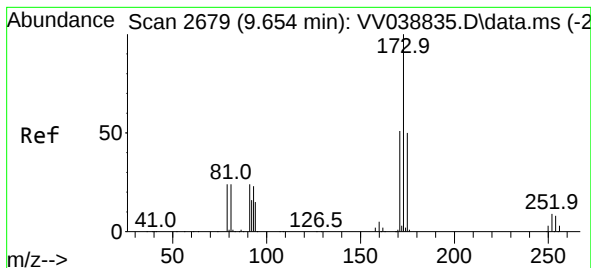
Tgt Ion:106 Resp: 1855088
Ion Ratio Lower Upper
106 100
91 215.7 107.6 322.8



#70
Styrene
Concen: 166.453 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion:104 Resp: 3248501
Ion Ratio Lower Upper
104 100
78 50.5 39.9 59.9
103 54.1 43.4 65.0





#71

Bromoform

Concen: 152.774 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

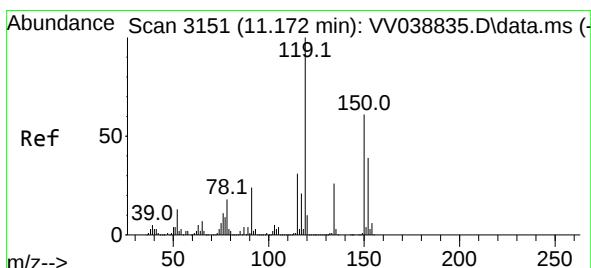
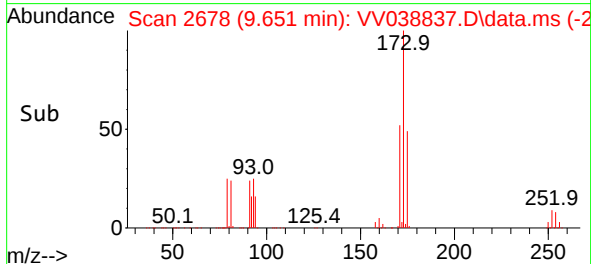
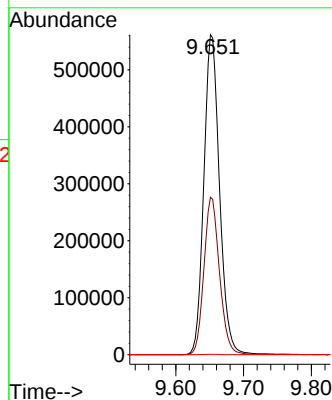
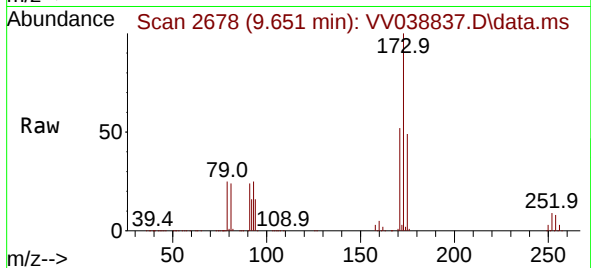
Tgt Ion:173 Resp: 902516

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

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: VV038837.D

Acq: 02 Jul 2025 12:17

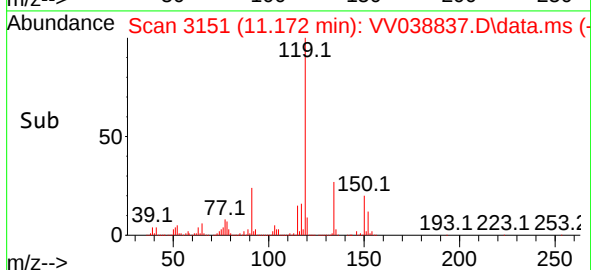
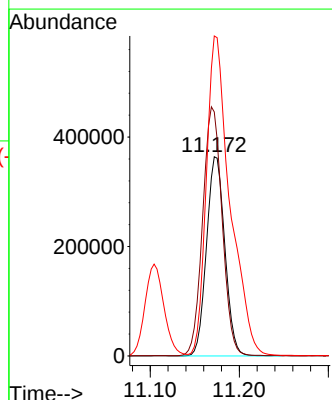
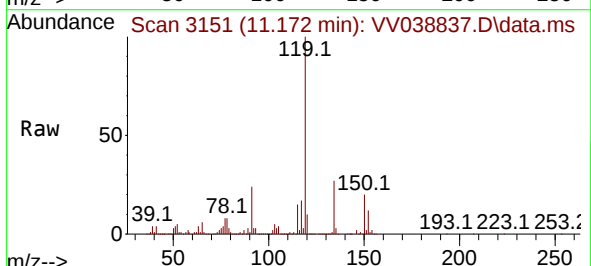
Tgt Ion:152 Resp: 519209

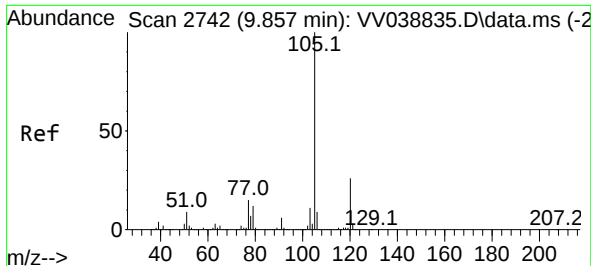
Ion Ratio Lower Upper

152 100

115 132.5 42.0 126.0#

150 207.9 0.0 343.6

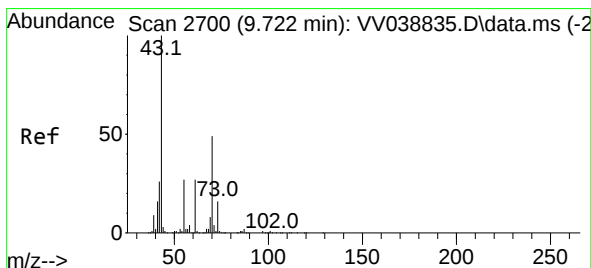
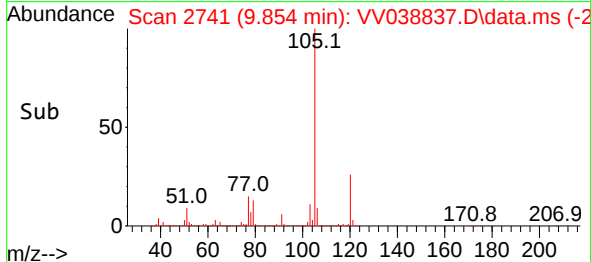
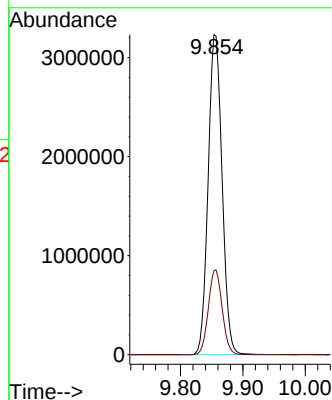
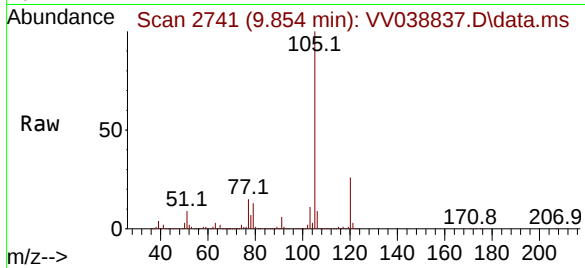




#73
Isopropylbenzene
Concen: 164.779 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

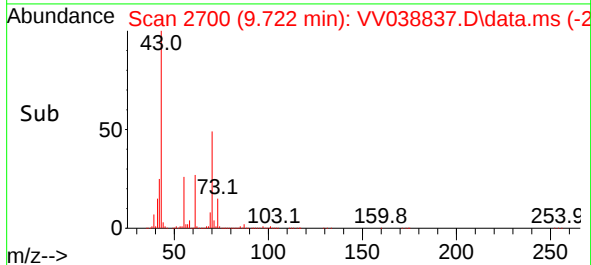
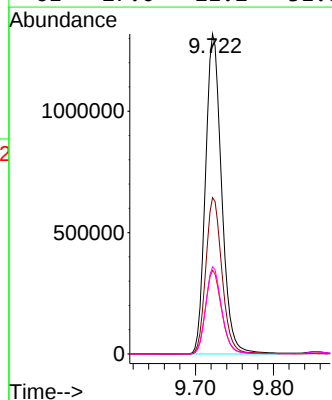
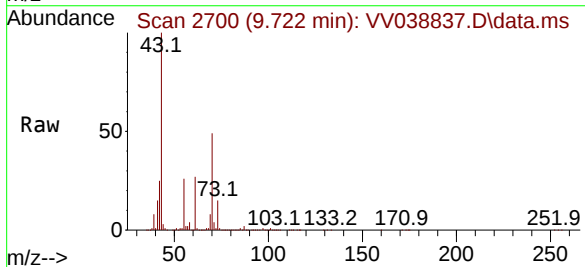
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

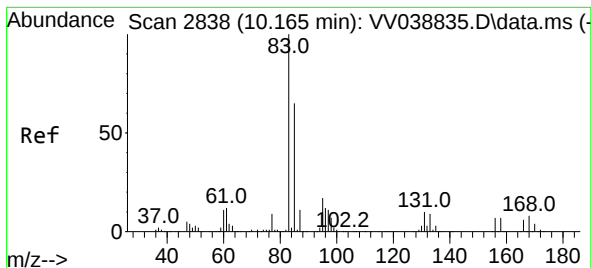
Tgt Ion:105 Resp: 5021027
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 182.001 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 43 Resp: 1896841
Ion Ratio Lower Upper
43 100
70 49.3 39.7 59.5
55 26.3 22.1 33.1
61 27.0 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 144.467 ug/l

RT: 10.166 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

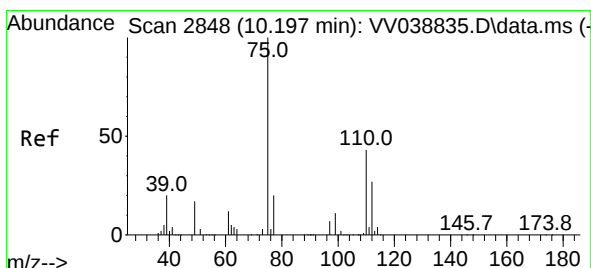
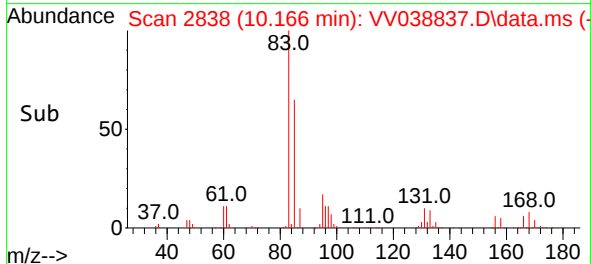
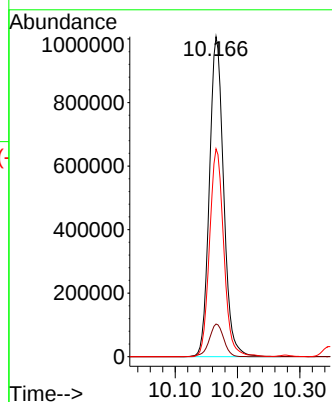
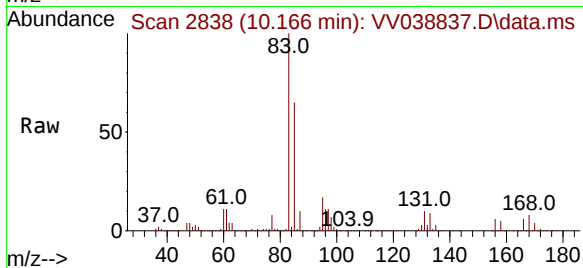
Tgt Ion: 83 Resp: 1595863

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 65.1 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 146.323 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038837.D

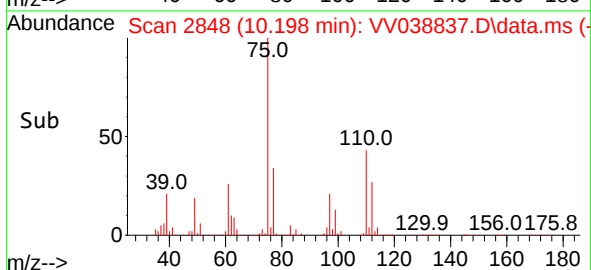
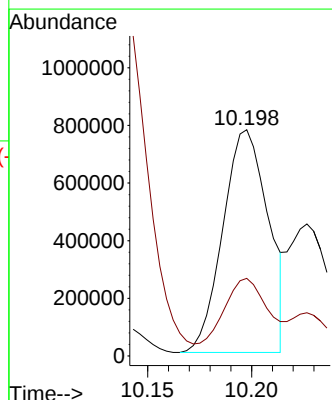
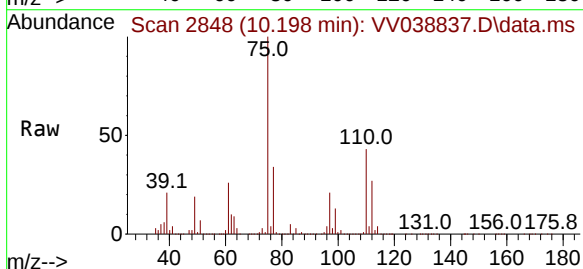
Acq: 02 Jul 2025 12:17

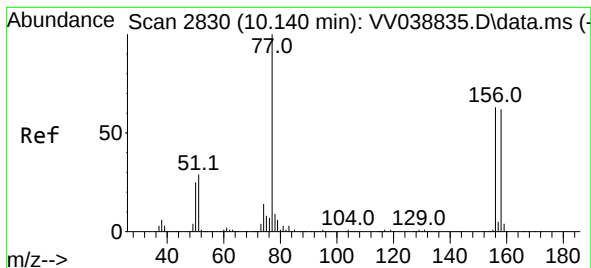
Tgt Ion: 75 Resp: 1175459

Ion Ratio Lower Upper

75 100

77 26.3 11.7 35.1





#77

Bromobenzene

Concen: 154.992 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

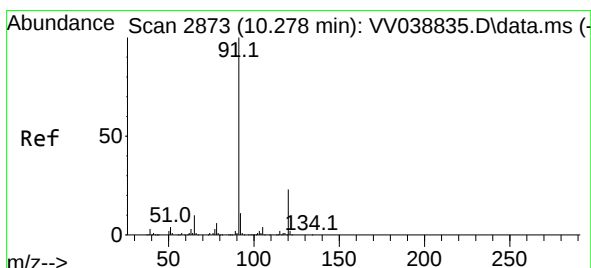
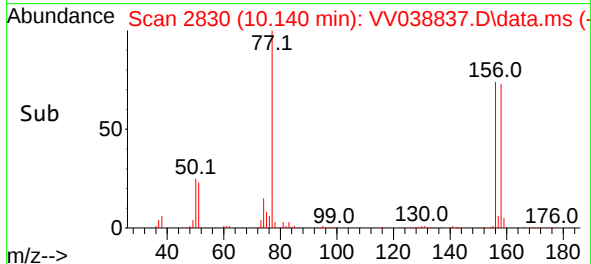
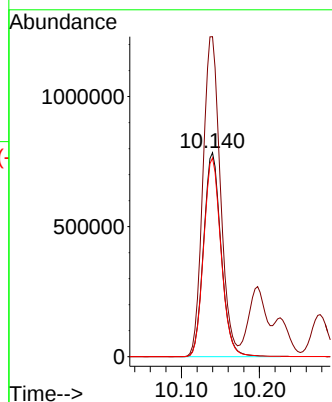
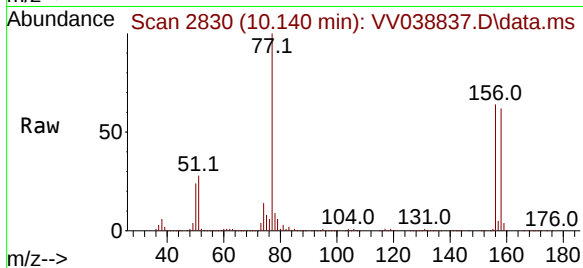
Tgt Ion:156 Resp: 1218346

Ion Ratio Lower Upper

156 100

77 156.6 77.0 230.8

158 97.3 48.8 146.3



#78

n-propylbenzene

Concen: 163.847 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038837.D

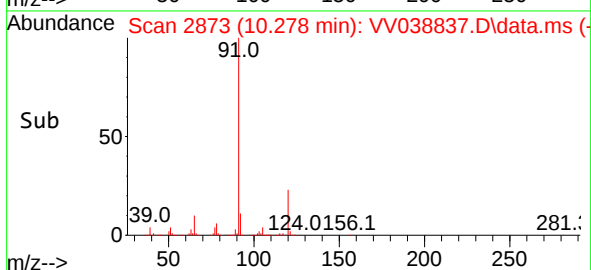
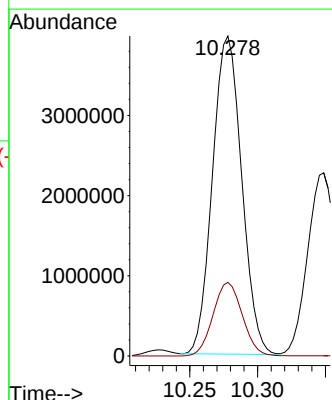
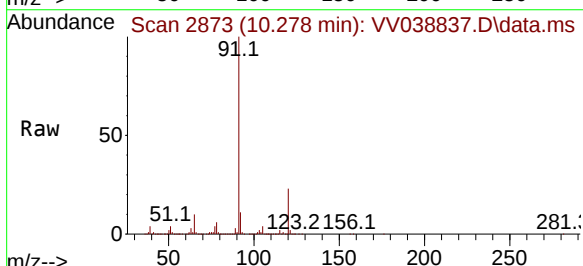
Acq: 02 Jul 2025 12:17

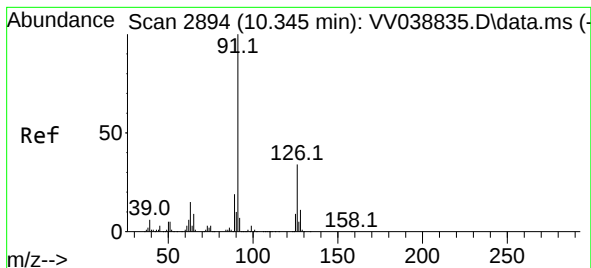
Tgt Ion: 91 Resp: 5941495

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.0

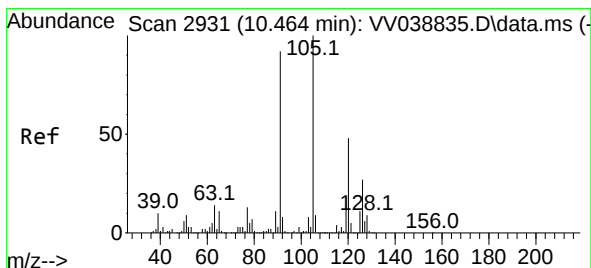
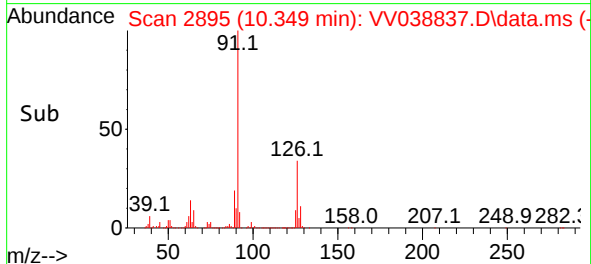
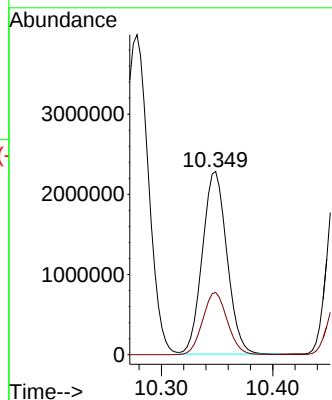
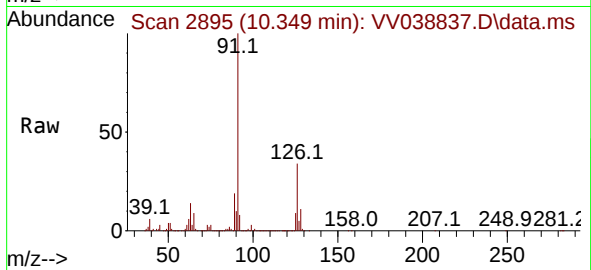




#79
2-Chlorotoluene
Concen: 158.284 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

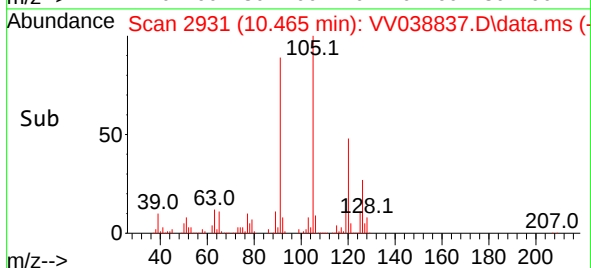
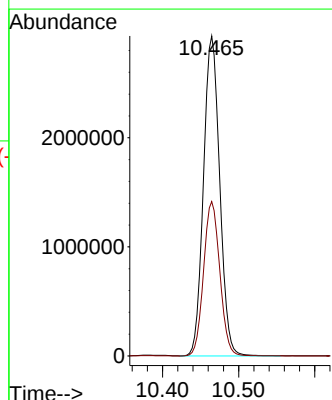
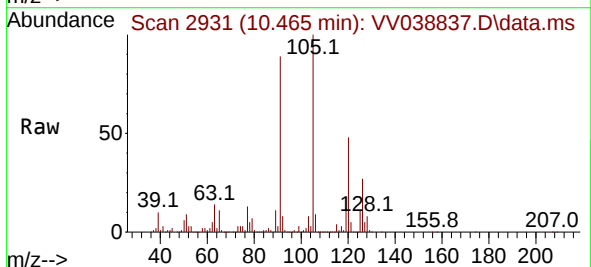
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

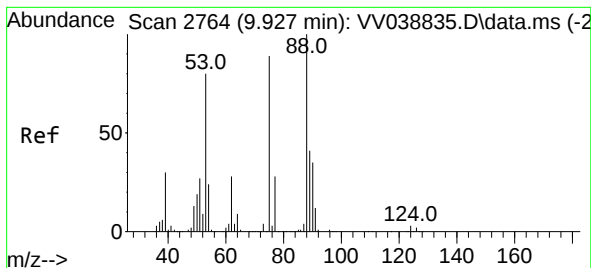
Tgt Ion: 91 Resp: 3485783
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 166.744 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 105 Resp: 4344294
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7

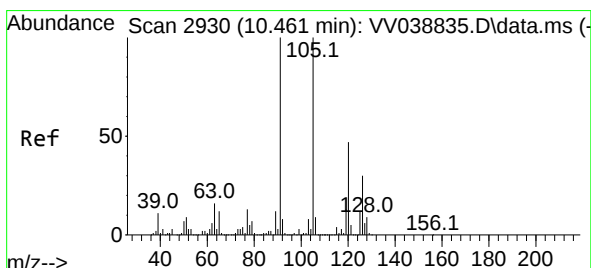
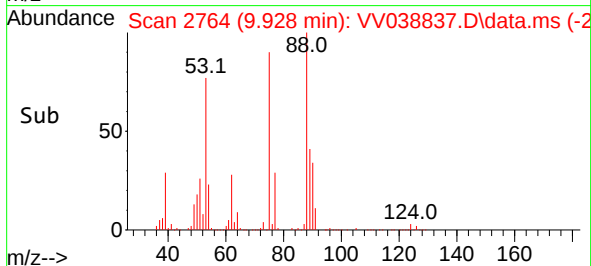
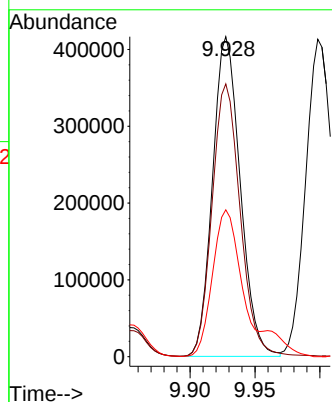
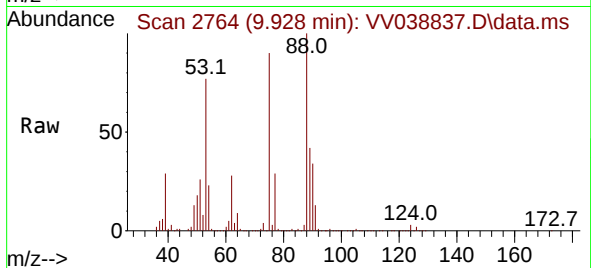




#81
trans-1,4-Dichloro-2-butene
Concen: 163.399 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

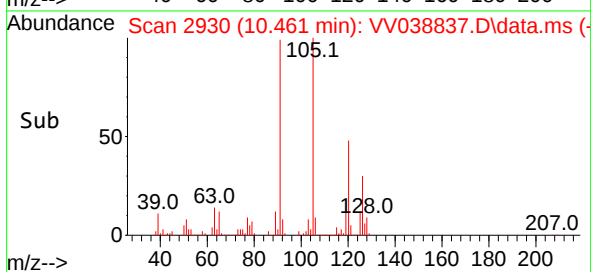
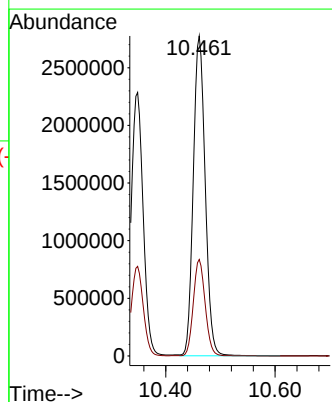
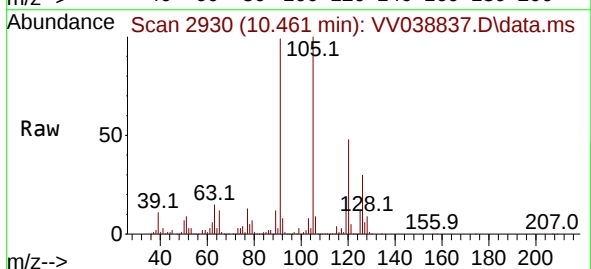
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

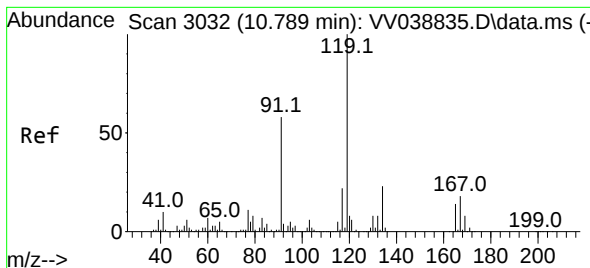
Tgt Ion: 75 Resp: 616662
Ion Ratio Lower Upper
75 100
53 86.4 71.2 106.8
89 53.9 44.6 66.8



#82
4-Chlorotoluene
Concen: 165.012 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 91 Resp: 4189347
Ion Ratio Lower Upper
91 100
126 29.8 14.8 44.3





#83

tert-Butylbenzene

Concen: 166.479 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

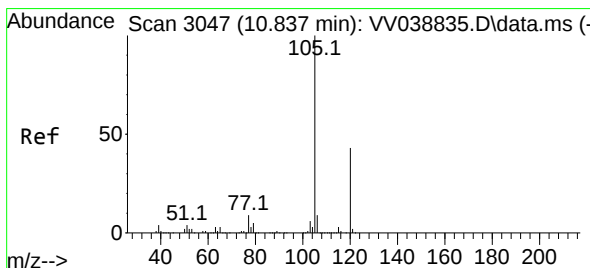
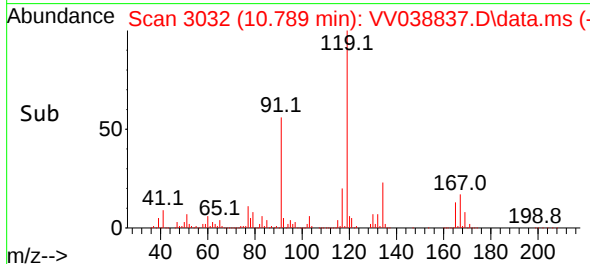
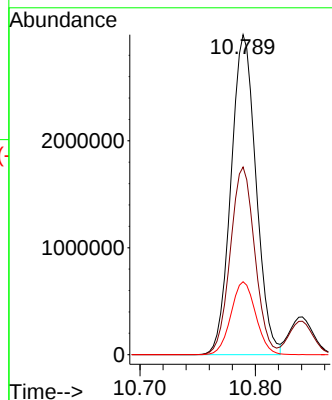
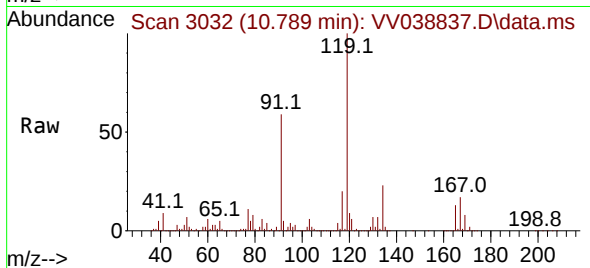
Tgt Ion:119 Resp: 4498608

Ion Ratio Lower Upper

119 100

91 57.5 28.5 85.5

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 170.319 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038837.D

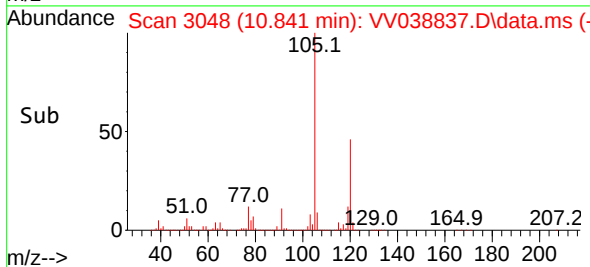
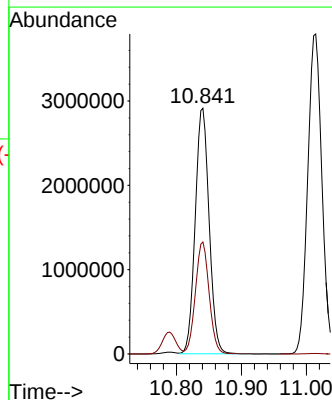
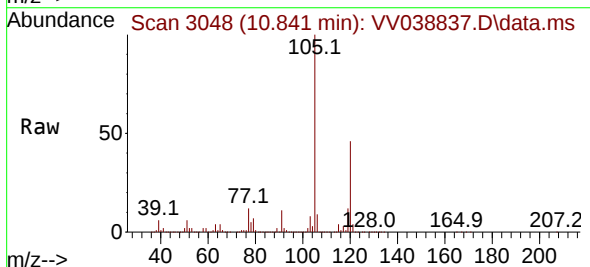
Acq: 02 Jul 2025 12:17

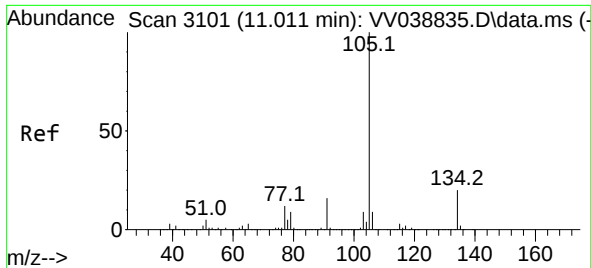
Tgt Ion:105 Resp: 4349234

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.0

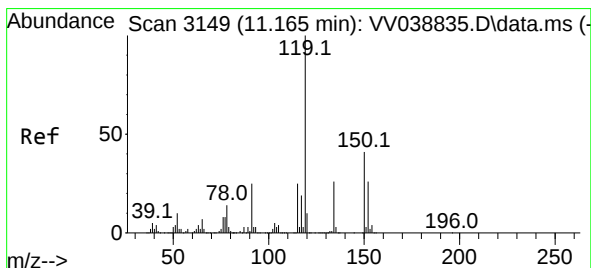
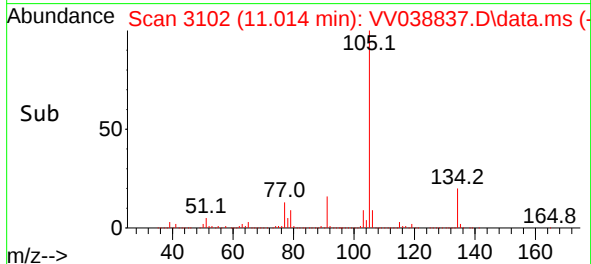
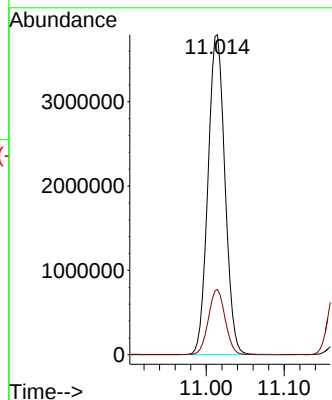
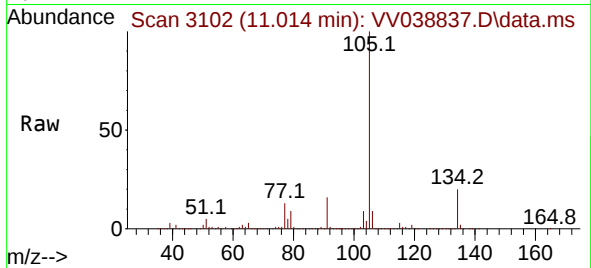




#85
 sec-Butylbenzene
 Concen: 166.335 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

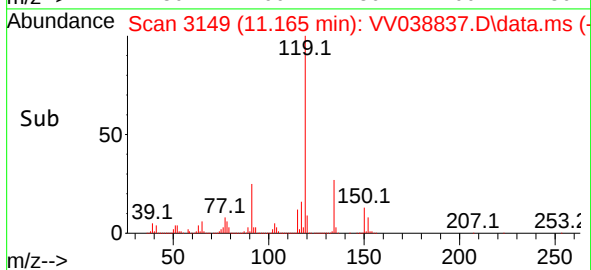
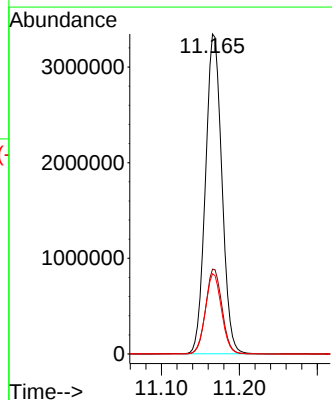
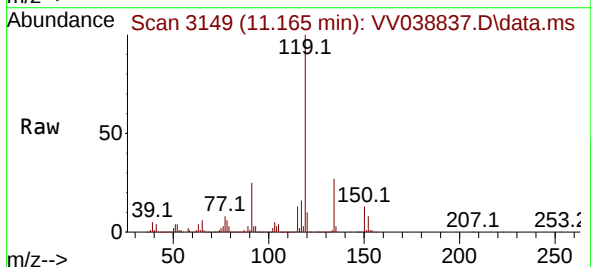
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

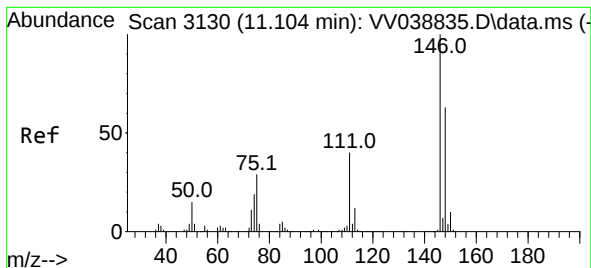
Tgt Ion:105 Resp: 5722218
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 165.470 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VV038837.D
 Acq: 02 Jul 2025 12:17

Tgt Ion:119 Resp: 4880518
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 152.685 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

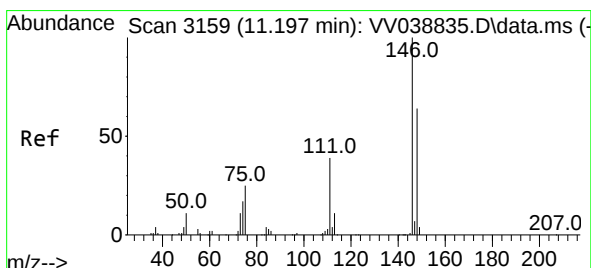
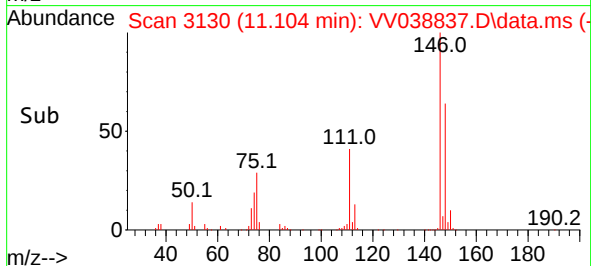
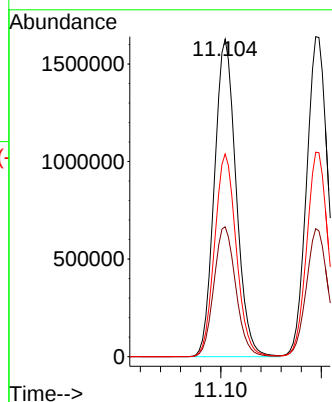
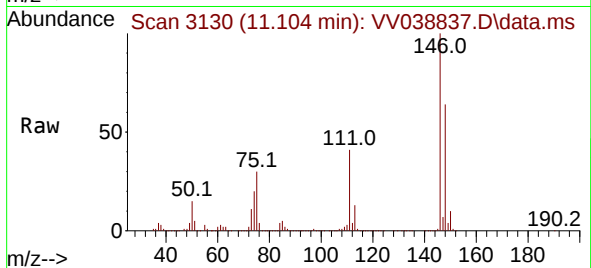
Tgt Ion:146 Resp: 2440035

Ion Ratio Lower Upper

146 100

111 41.3 20.2 60.6

148 63.8 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 146.994 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

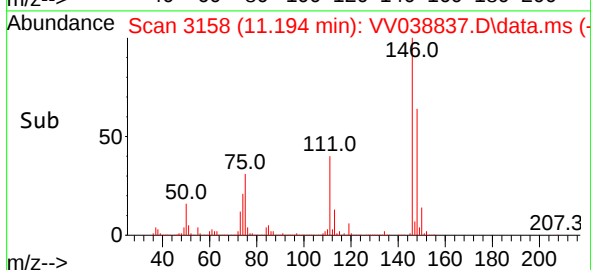
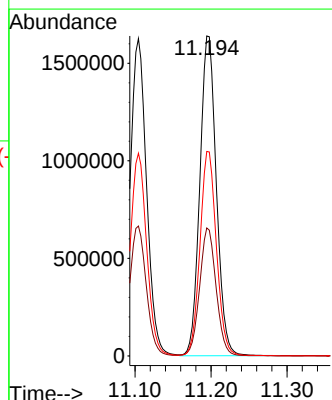
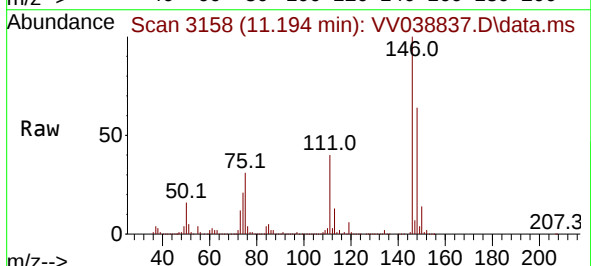
Tgt Ion:146 Resp: 2475213

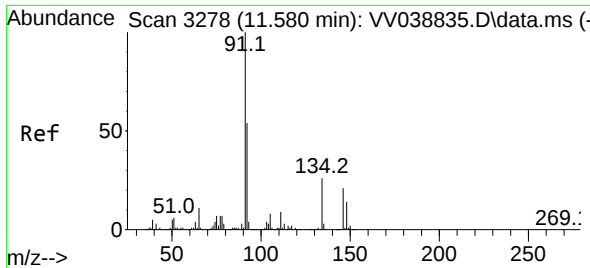
Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.3

148 63.9 32.0 96.2

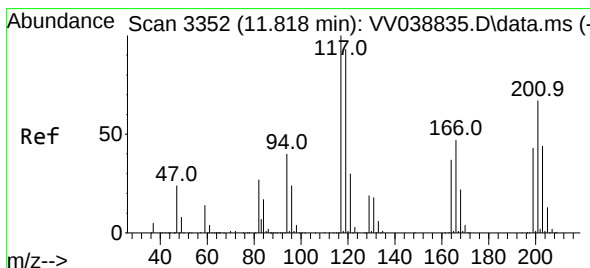
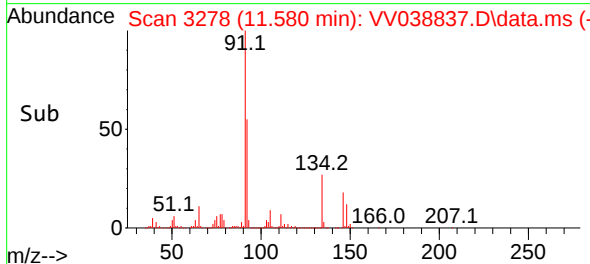
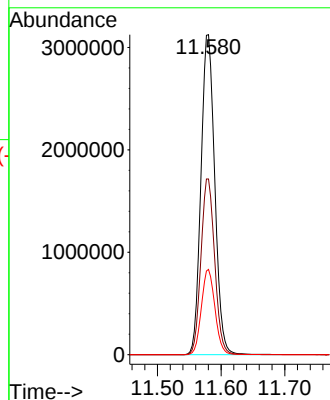
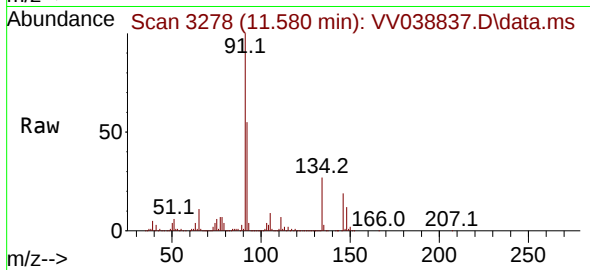




#89
n-Butylbenzene
Concen: 172.247 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

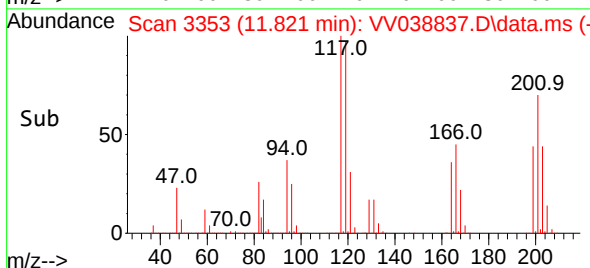
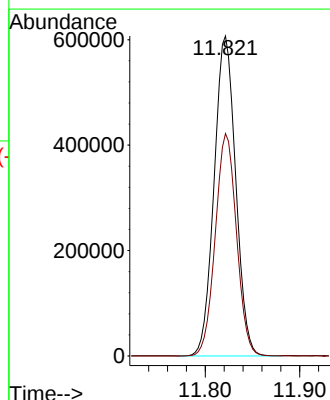
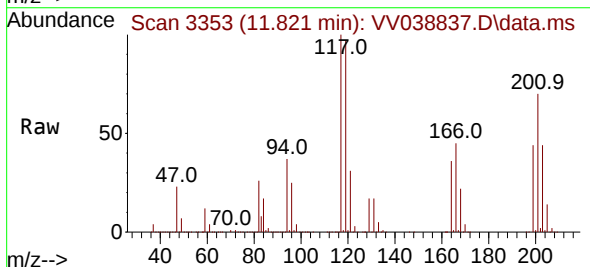
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

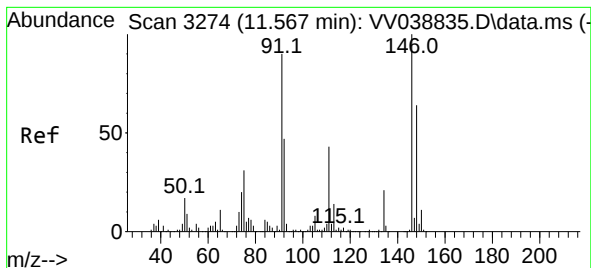
Tgt Ion: 91 Resp: 4708425
Ion Ratio Lower Upper
91 100
92 54.6 26.7 80.0
134 26.2 12.9 38.7



#90
Hexachloroethane
Concen: 150.236 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV038837.D
Acq: 02 Jul 2025 12:17

Tgt Ion: 117 Resp: 961868
Ion Ratio Lower Upper
117 100
201 68.4 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 159.022 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC150

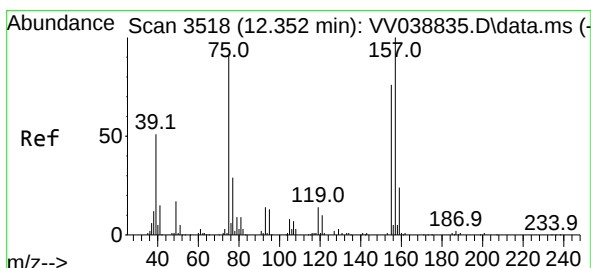
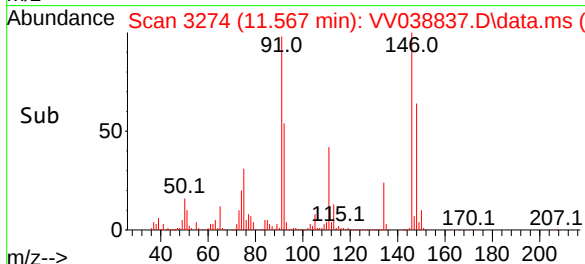
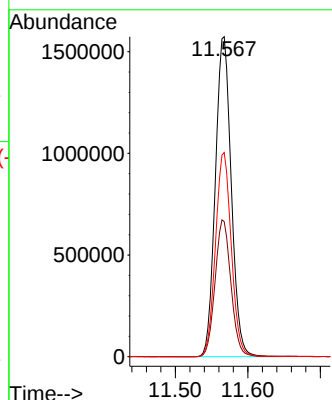
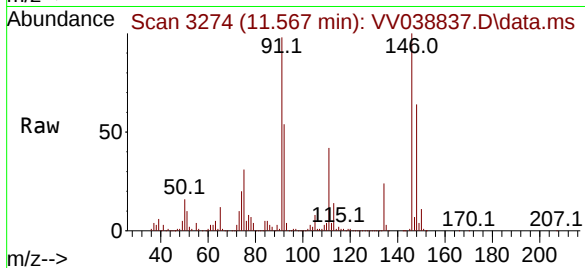
Tgt Ion:146 Resp: 2395310

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 63.4 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 160.825 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.003 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

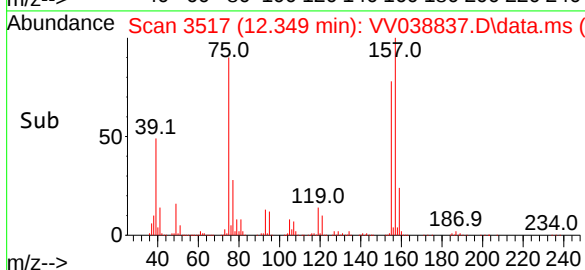
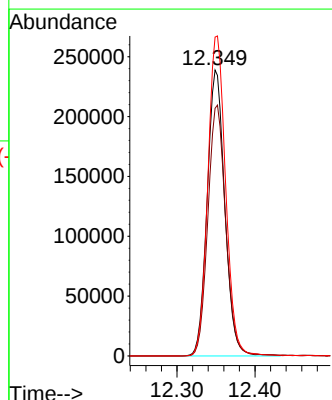
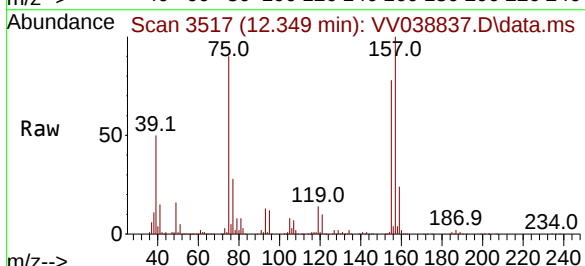
Tgt Ion: 75 Resp: 376137

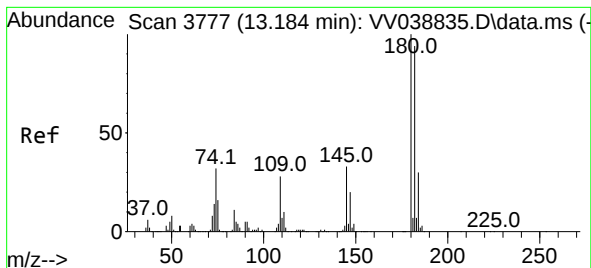
Ion Ratio Lower Upper

75 100

155 88.6 43.2 129.6

157 113.0 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 177.019 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC150

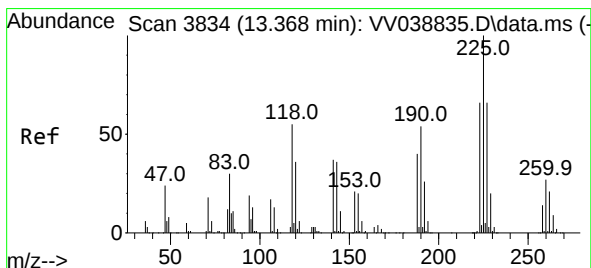
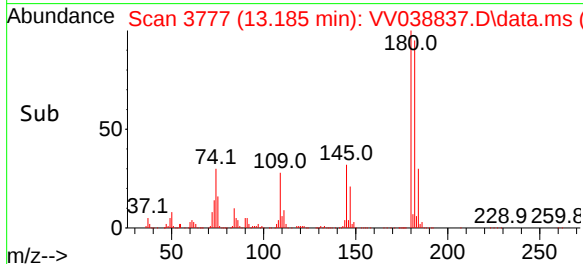
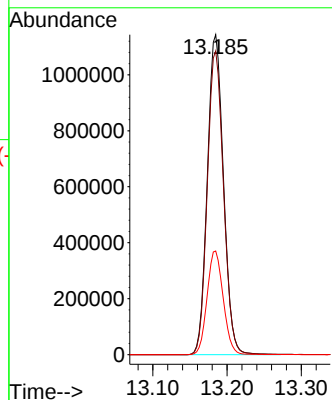
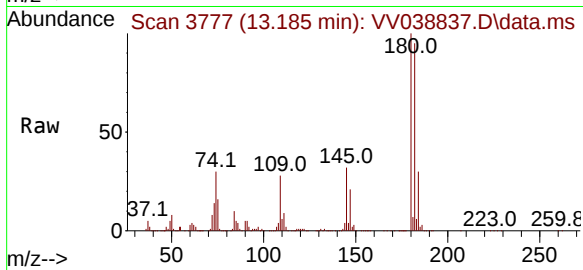
Tgt Ion:180 Resp: 1728341

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.8

145 32.3 16.4 49.1



#94

Hexachlorobutadiene

Concen: 153.396 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

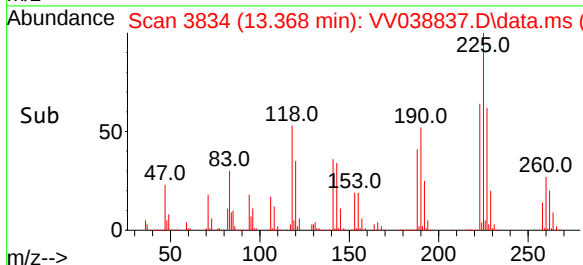
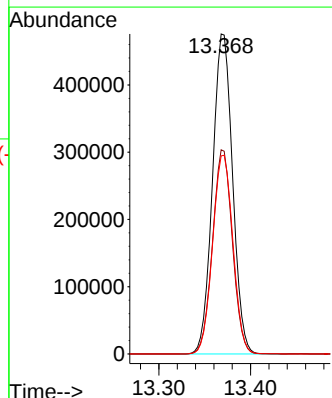
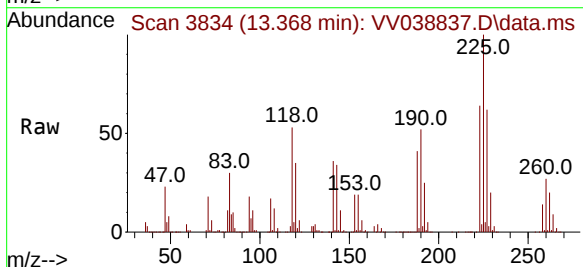
Tgt Ion:225 Resp: 722750

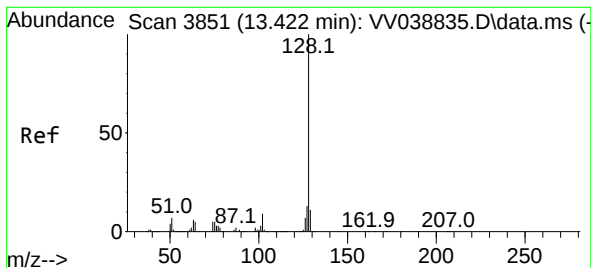
Ion Ratio Lower Upper

225 100

223 63.2 33.2 99.6

227 63.0 32.3 96.8





#95

Naphthalene

Concen: 181.782 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

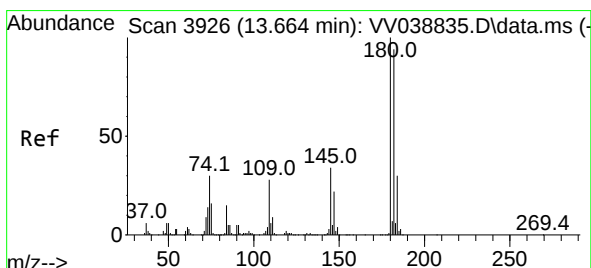
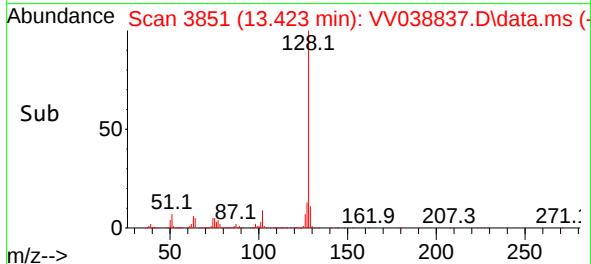
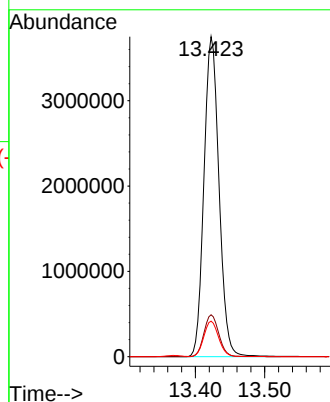
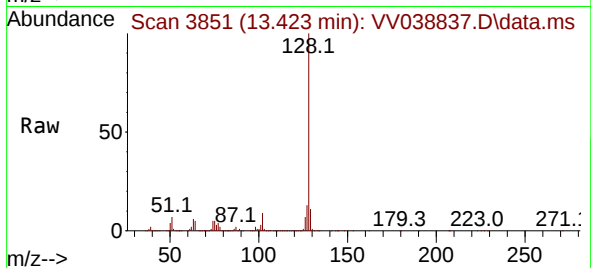
Tgt Ion:128 Resp: 5646278

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 170.710 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV038837.D

Acq: 02 Jul 2025 12:17

Tgt Ion:180 Resp: 1720034

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 34.6 17.1 51.2

