

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039012.D
 Acq On : 22 Aug 2025 11:46
 Operator : SY/MD
 Sample : VV0822WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBSD01

Quant Time: Aug 25 02:21:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	725944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1237550	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1173343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	588834	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.940	65	503004	49.381	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.760%
35) Dibromofluoromethane	4.500	113	437152	47.102	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	94.200%
50) Toluene-d8	7.236	98	1537840	47.518	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.040%
62) 4-Bromofluorobenzene	10.001	95	602478	50.888	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	101.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	175843	16.204	ug/l	100
3) Chloromethane	1.230	50	178143	15.892	ug/l	99
4) Vinyl Chloride	1.298	62	201194	17.011	ug/l	97
5) Bromomethane	1.497	94	123598	19.336	ug/l	96
6) Chloroethane	1.561	64	134582	22.330	ug/l	96
7) Trichlorofluoromethane	1.725	101	307297	18.965	ug/l	100
8) Diethyl Ether	1.918	74	115604	23.201	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.082	101	177441	19.839	ug/l	93
10) Methyl Iodide	2.198	142	172363	15.490	ug/l	95
11) Tert butyl alcohol	2.564	59	191196	138.681	ug/l	99
12) 1,1-Dichloroethene	2.082	96	173618	21.073	ug/l	89
13) Acrolein	2.011	56	58133	120.705	ug/l	95
14) Allyl chloride	2.359	41	302792	27.526	ug/l	90
15) Acrylonitrile	2.674	53	555772	133.390	ug/l	99
16) Acetone	2.117	43	488858	119.574	ug/l	99
17) Carbon Disulfide	2.252	76	499995	21.819	ug/l	99
18) Methyl Acetate	2.384	43	243206	28.066	ug/l	93
19) Methyl tert-butyl Ether	2.709	73	616106	25.290	ug/l	95
20) Methylene Chloride	2.458	84	202658	21.331	ug/l #	87
21) trans-1,2-Dichloroethene	2.706	96	189750	22.112	ug/l	91
22) Diisopropyl ether	3.214	45	579198	23.981	ug/l	95
23) Vinyl Acetate	3.191	43	2362901	121.928	ug/l	96
24) 1,1-Dichloroethane	3.121	63	336421	21.028	ug/l	99
25) 2-Butanone	3.863	43	646321	121.504	ug/l	95
26) 2,2-Dichloropropane	3.812	77	284373	18.529	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	212000	20.469	ug/l	95
28) Bromochloromethane	4.153	49	81888	24.330	ug/l	84
29) Tetrahydrofuran	4.236	42	432006	121.663	ug/l	90
30) Chloroform	4.278	83	348200	19.045	ug/l	98
31) Cyclohexane	4.584	56	307026	21.509	ug/l	94
32) 1,1,1-Trichloroethane	4.516	97	309081	17.994	ug/l	98
36) 1,1-Dichloropropene	4.751	75	231518	19.208	ug/l	96
37) Ethyl Acetate	3.979	43	254984	21.653	ug/l	95
38) Carbon Tetrachloride	4.738	117	260451	16.136	ug/l	99
39) Methylcyclohexane	6.047	83	313425	20.351	ug/l	94
40) Benzene	5.011	78	738553	19.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	103722	23.374	ug/l	95
42) 1,2-Dichloroethane	5.043	62	238744	17.299	ug/l	100
43) Isopropyl Acetate	5.191	43	397678	22.132	ug/l	97
44) Trichloroethene	5.834	130	184198	17.988	ug/l	96
45) 1,2-Dichloropropane	6.092	63	174522	19.276	ug/l	99
46) Dibromomethane	6.230	93	137863	18.147	ug/l	95
47) Bromodichloromethane	6.426	83	274544	17.757	ug/l	99
48) Methyl methacrylate	6.297	41	177012	21.977	ug/l	94
49) 1,4-Dioxane	6.291	88	68723	510.275	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	1331163	112.829	ug/l	98
52) Toluene	7.310	92	471516	19.722	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	278303	19.255	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	303345	20.256	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	181165	17.379	ug/l	98
56) Ethyl methacrylate	7.715	69	273091	18.154	ug/l	98
57) 1,3-Dichloropropane	7.934	76	319327	19.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	745772	106.857	ug/l	95
59) 2-Hexanone	8.063	43	974027	87.543	ug/l	99
60) Dibromochloromethane	8.169	129	213994	17.001	ug/l	98
61) 1,2-Dibromoethane	8.275	107	200508	18.540	ug/l	97
64) Tetrachloroethene	7.899	164	154340	17.678	ug/l	98
65) Chlorobenzene	8.805	112	535019	18.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	184683	18.185	ug/l	98
67) Ethyl Benzene	8.937	91	898631	20.807	ug/l	99
68) m/p-Xylenes	9.063	106	707552	42.184	ug/l	98
69) o-Xylene	9.468	106	319053	20.870	ug/l	97
70) Styrene	9.487	104	558901	21.309	ug/l	99
71) Bromoform	9.654	173	144423	17.260	ug/l	100
73) Isopropylbenzene	9.857	105	899983	22.777	ug/l	98
74) N-amyl acetate	9.725	43	373733	25.817	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.165	83	319236	20.344	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	230911	21.142	ug/l	97
77) Bromobenzene	10.143	156	208893	20.577	ug/l	95
78) n-propylbenzene	10.278	91	1054650	22.356	ug/l	100
79) 2-Chlorotoluene	10.349	91	636918	22.486	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	743547	22.361	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	102020	21.445	ug/l	94
82) 4-Chlorotoluene	10.464	91	737304	22.584	ug/l	98
83) tert-Butylbenzene	10.789	119	723954	21.926	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	732537	23.020	ug/l	99
85) sec-Butylbenzene	11.011	105	964386	22.459	ug/l	99
86) p-Isopropyltoluene	11.169	119	795192	21.990	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	401033	20.005	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	418160	19.555	ug/l	99
89) n-Butylbenzene	11.580	91	744194	21.123	ug/l	99
90) Hexachloroethane	11.821	117	147045	17.595	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	385445	20.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	62474	20.470	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	232225	20.359	ug/l	99
94) Hexachlorobutadiene	13.368	225	100176	17.036	ug/l	98
95) Naphthalene	13.426	128	813652	22.604	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	241620	21.008	ug/l	99

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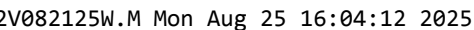
Instrument :
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ClientSampleId :
VV0822WBSD01

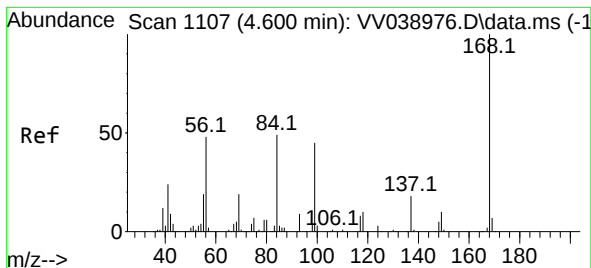
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QLast Update : Fri Aug 22 04:15:04 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

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ClientSampleId :

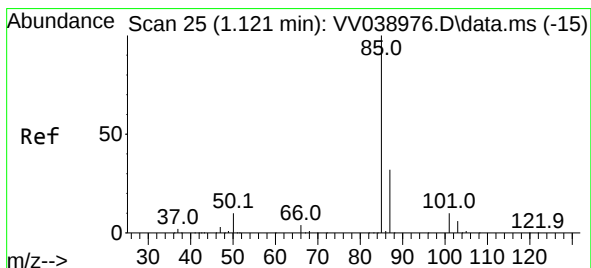
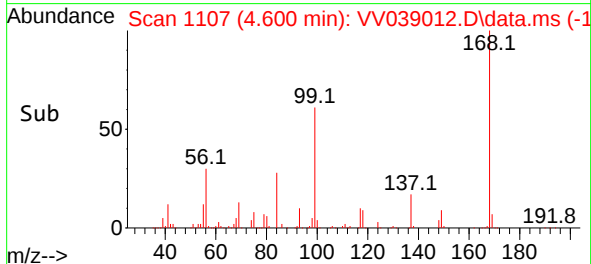
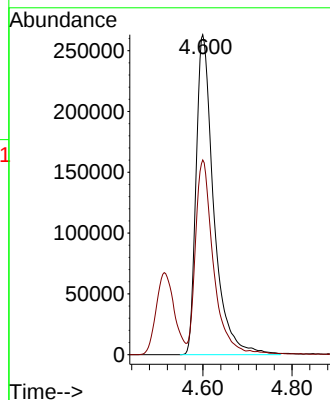
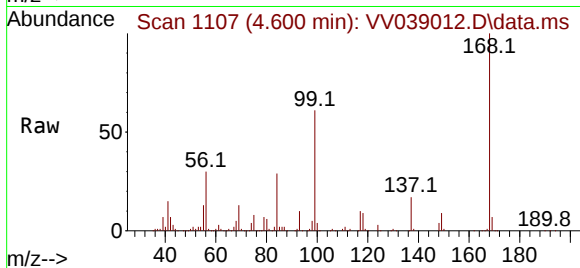
VV0822WBSD01

Tgt Ion:168 Resp: 725944

Ion Ratio Lower Upper

168 100

99 60.5 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 16.204 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039012.D

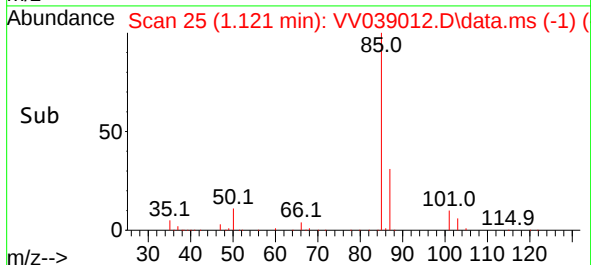
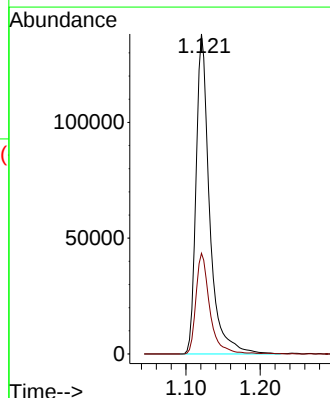
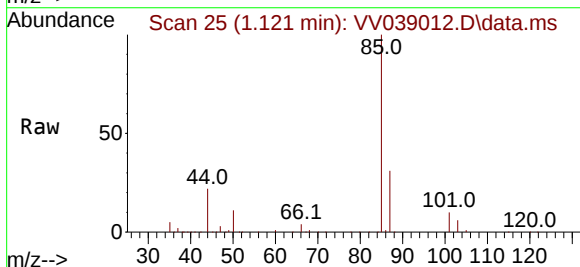
Acq: 22 Aug 2025 11:46

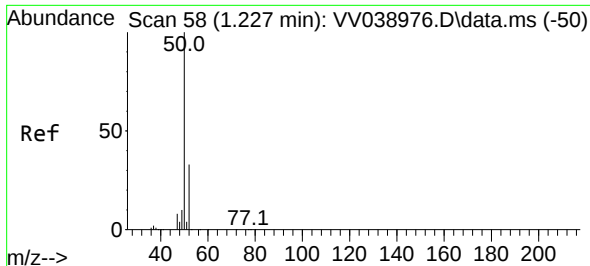
Tgt Ion: 85 Resp: 175843

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.3

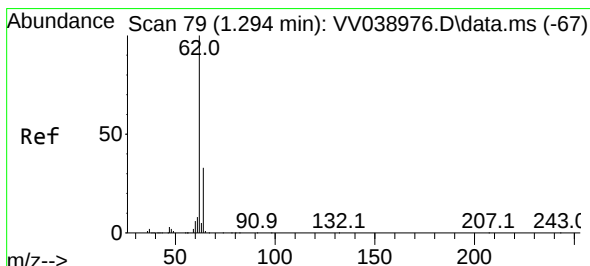
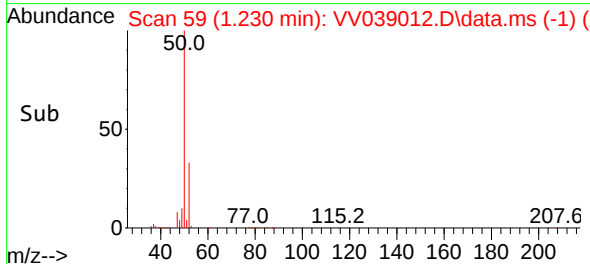
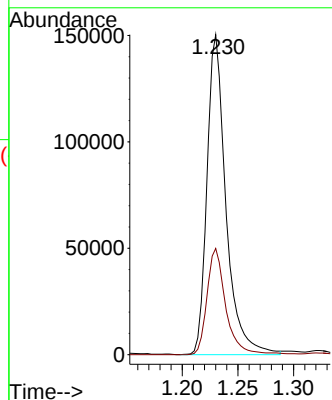
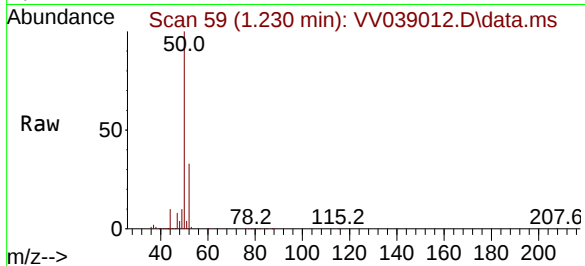




#3
Chloromethane
Concen: 15.892 ug/l
RT: 1.230 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

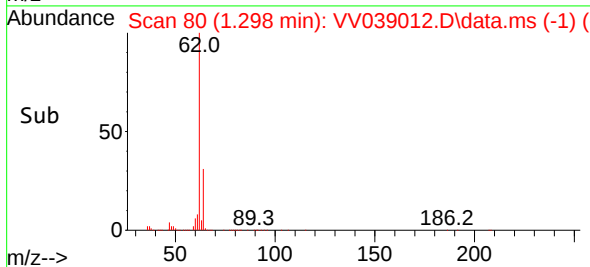
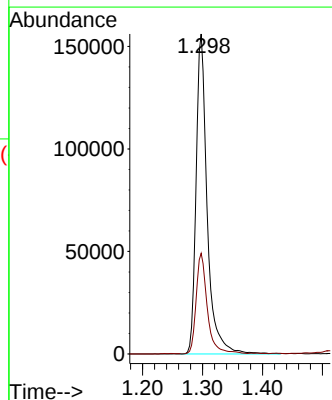
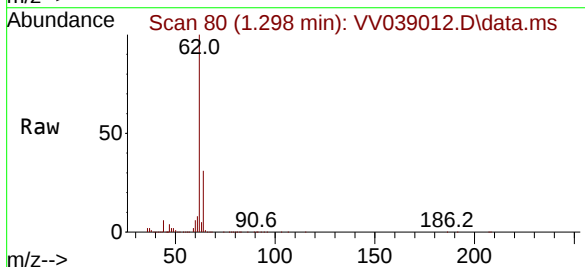
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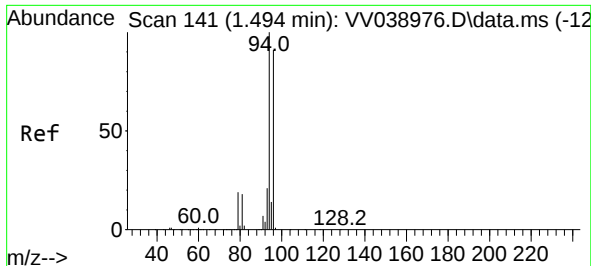
Tgt Ion: 50 Resp: 178143
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.2



#4
Vinyl Chloride
Concen: 17.011 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 62 Resp: 201194
Ion Ratio Lower Upper
62 100
64 31.4 26.4 39.6

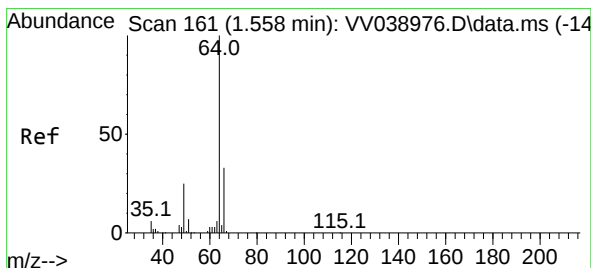
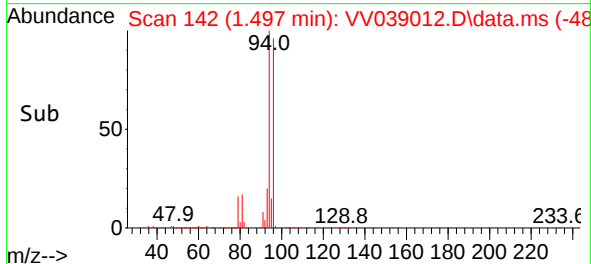
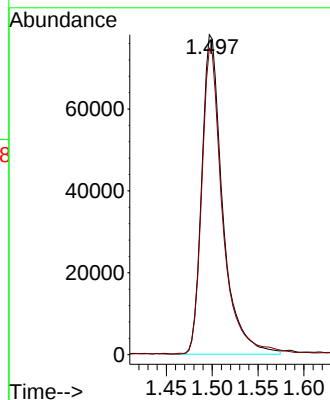
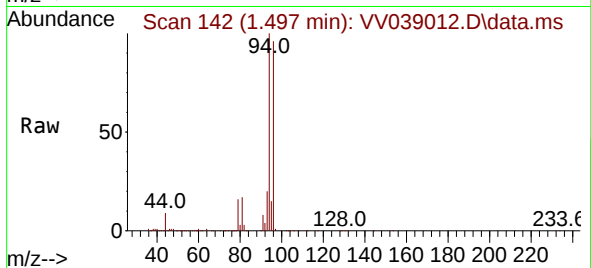




#5
Bromomethane
Concen: 19.336 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

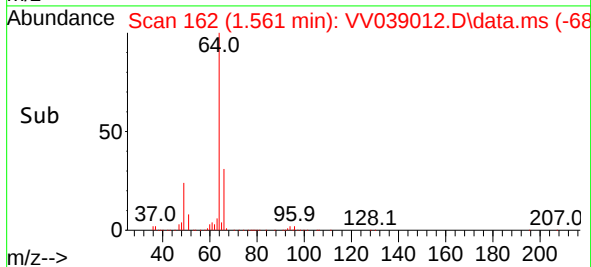
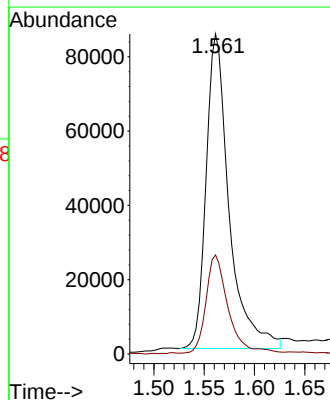
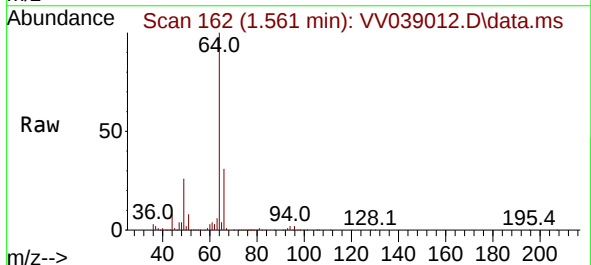
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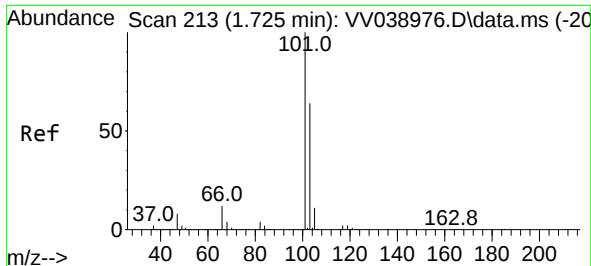
Tgt Ion: 94 Resp: 123598
Ion Ratio Lower Upper
94 100
96 95.5 73.1 109.7



#6
Chloroethane
Concen: 22.330 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 64 Resp: 134582
Ion Ratio Lower Upper
64 100
66 31.2 26.8 40.2

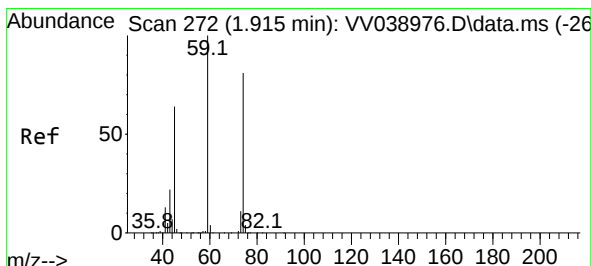
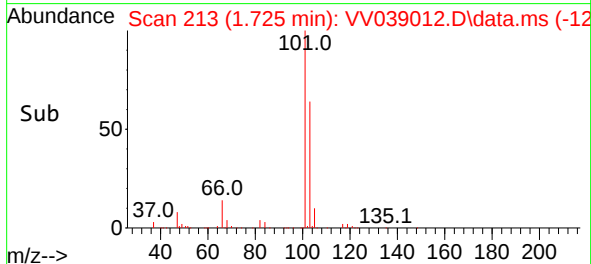
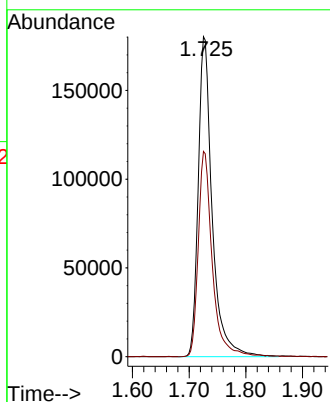
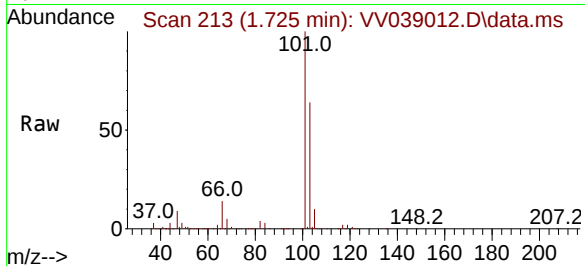




#7
 Trichlorofluoromethane
 Concen: 18.965 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

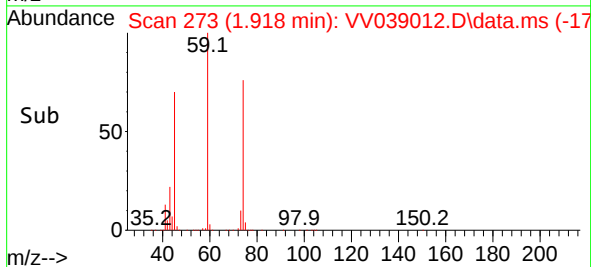
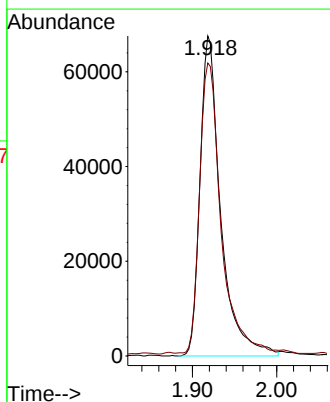
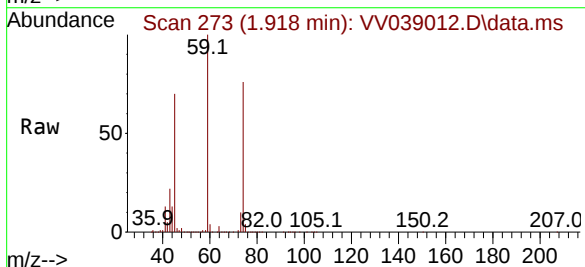
Instrument :
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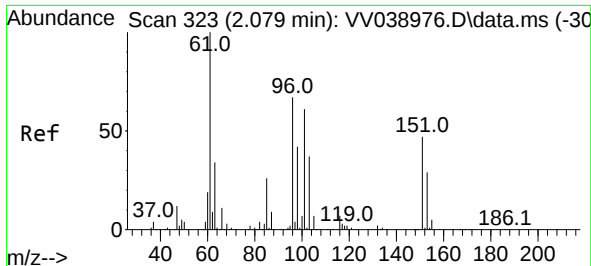
Tgt Ion:101 Resp: 307297
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 23.201 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

Tgt Ion: 74 Resp: 115604
 Ion Ratio Lower Upper
 74 100
 45 93.1 39.8 119.4

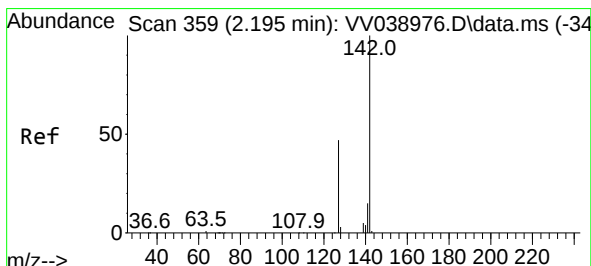
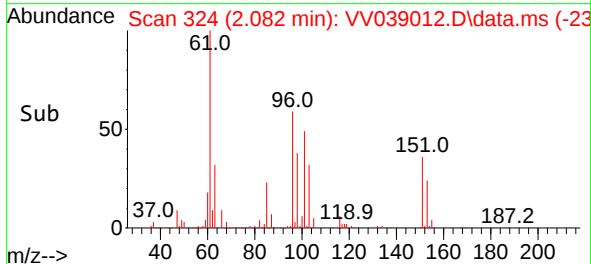
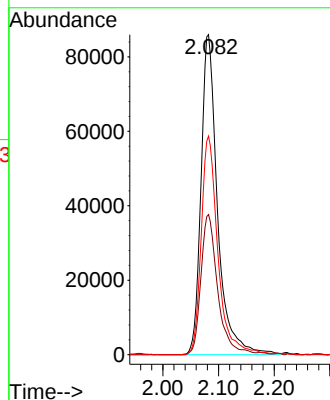
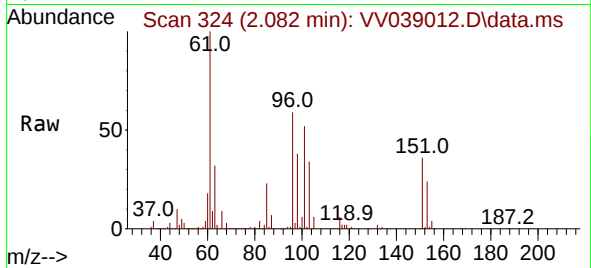




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.839 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

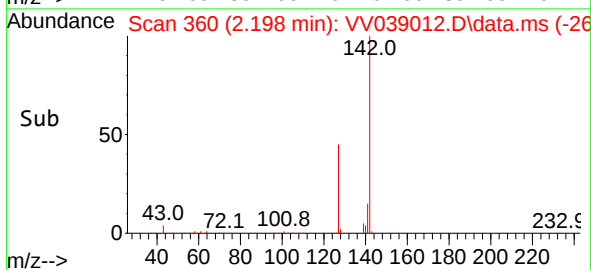
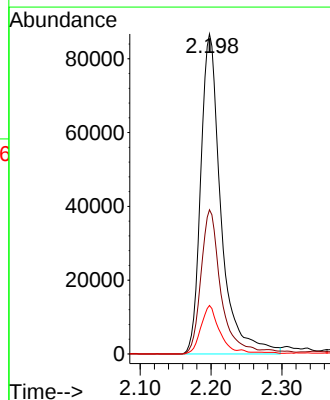
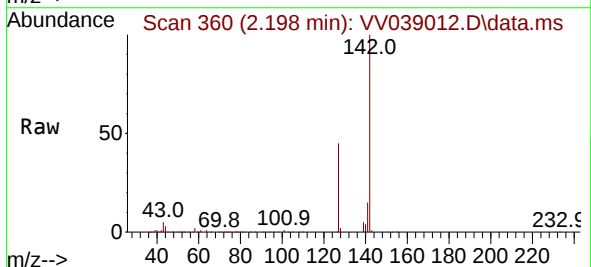
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

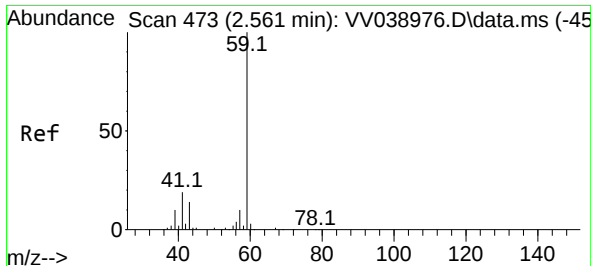
Tgt Ion:101 Resp: 177441
Ion Ratio Lower Upper
101 100
85 44.4 34.6 51.8
151 69.1 62.1 93.1



#10
Methyl Iodide
Concen: 15.490 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion:142 Resp: 172363
Ion Ratio Lower Upper
142 100
127 43.9 38.6 57.8
141 13.5 11.4 17.2

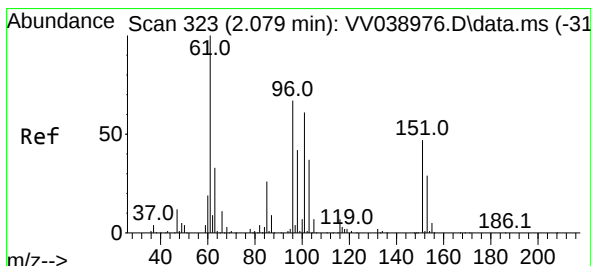
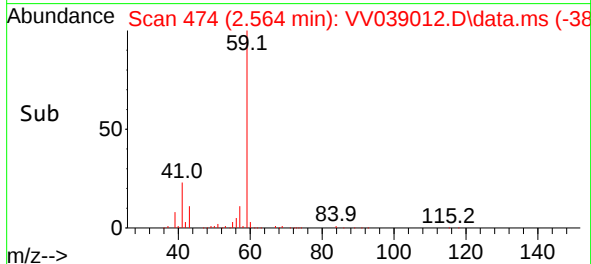
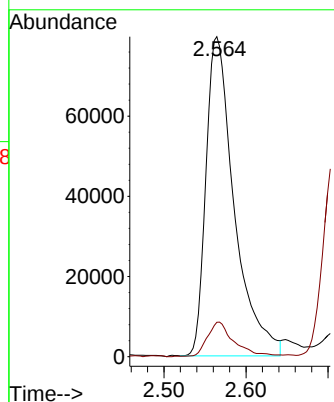
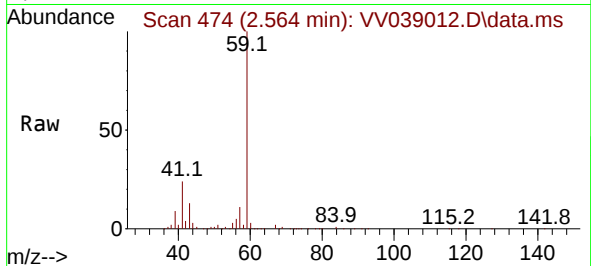




#11
Tert butyl alcohol
Concen: 138.681 ug/l
RT: 2.564 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

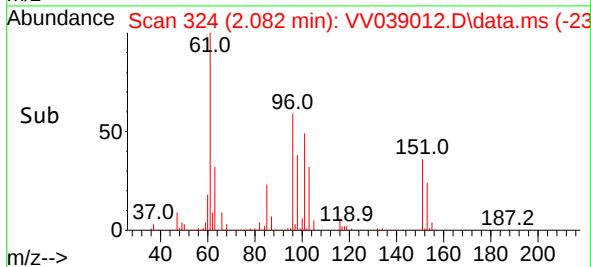
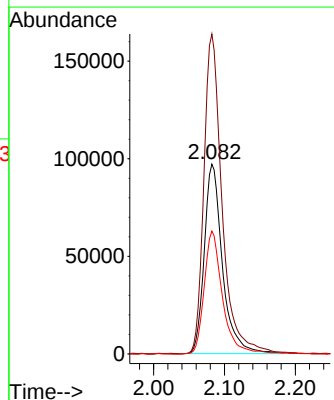
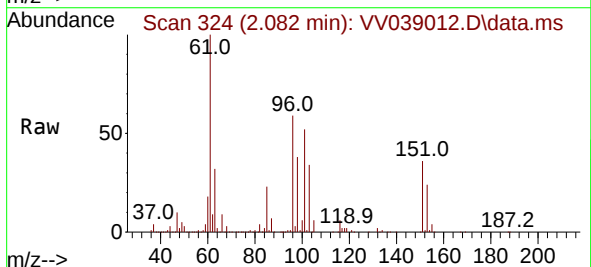
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

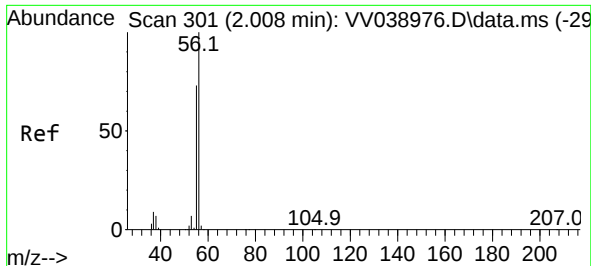
Tgt Ion: 59 Resp: 191196
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 21.073 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

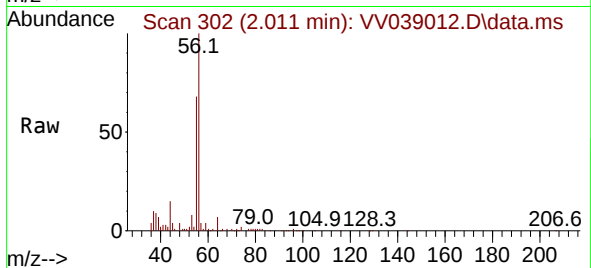
Tgt Ion: 96 Resp: 173618
Ion Ratio Lower Upper
96 100
61 168.8 119.8 179.8
98 64.7 50.2 75.2



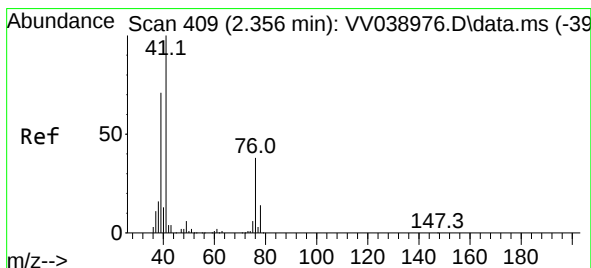
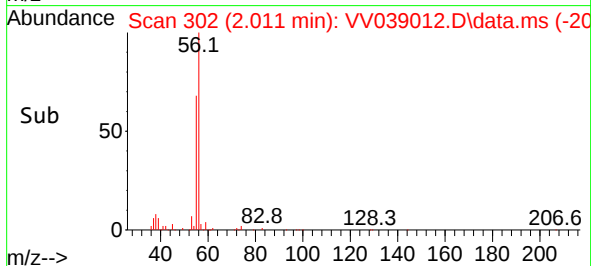
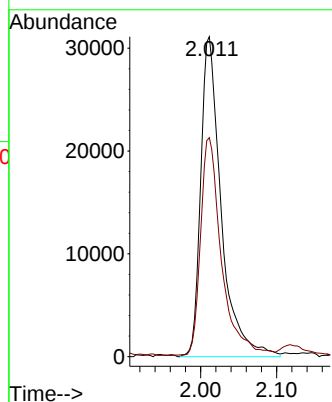


#13
Acrolein
Concen: 120.705 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

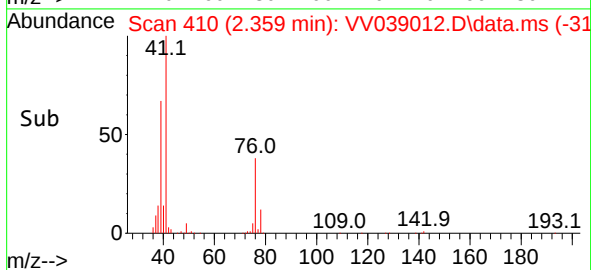
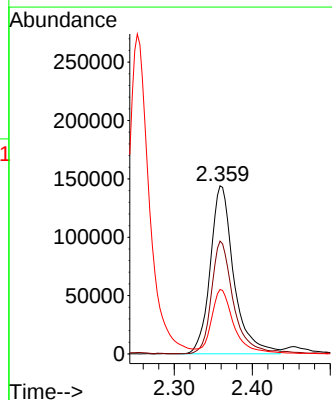
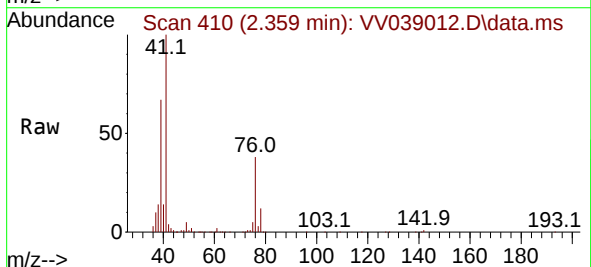


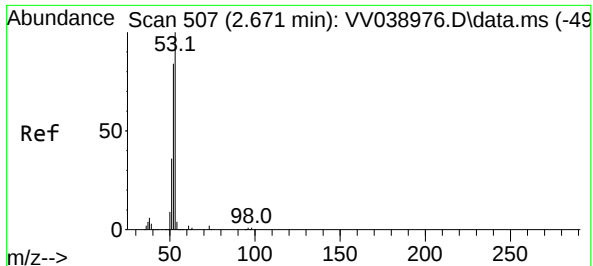
Tgt Ion: 56 Resp: 58133
Ion Ratio Lower Upper
56 100
55 69.4 58.8 88.2



#14
Allyl chloride
Concen: 27.526 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 41 Resp: 302792
Ion Ratio Lower Upper
41 100
39 61.8 55.0 82.4
76 35.9 35.6 53.4

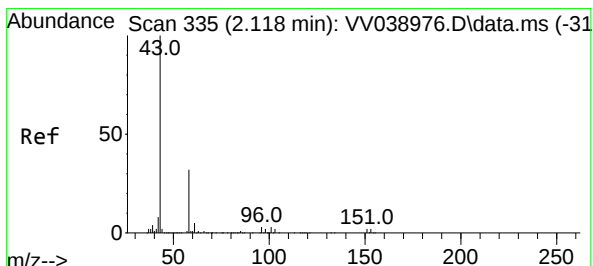
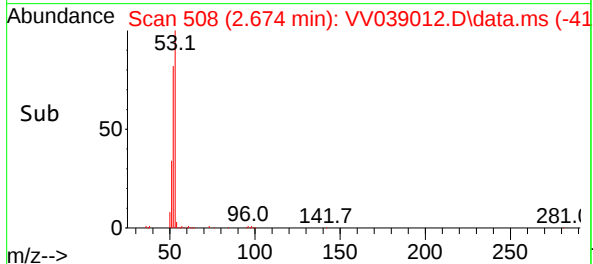
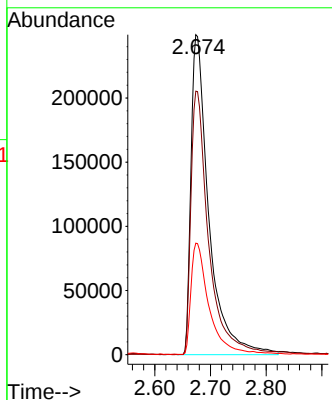
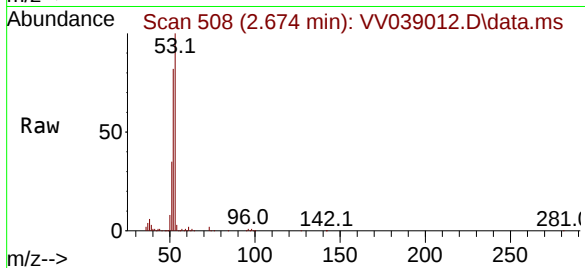




#15
Acrylonitrile
Concen: 133.390 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

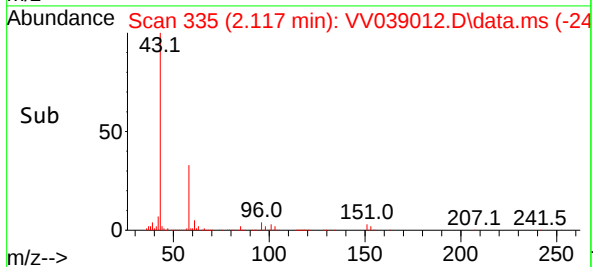
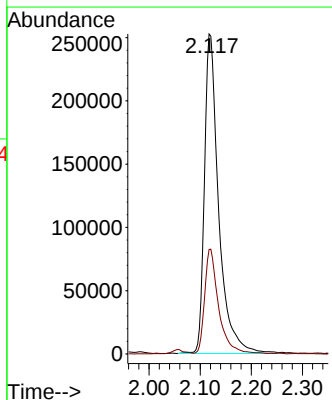
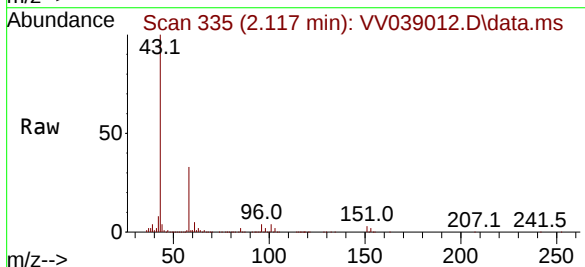
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

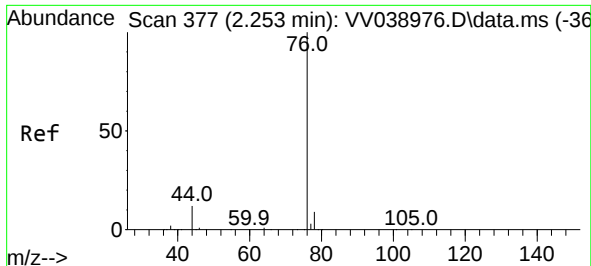
Tgt Ion: 53 Resp: 555772
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.4
51 34.4 28.5 42.7



#16
Acetone
Concen: 119.574 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 43 Resp: 488858
Ion Ratio Lower Upper
43 100
58 32.5 26.3 39.5

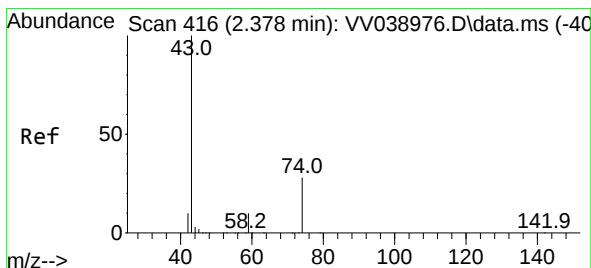
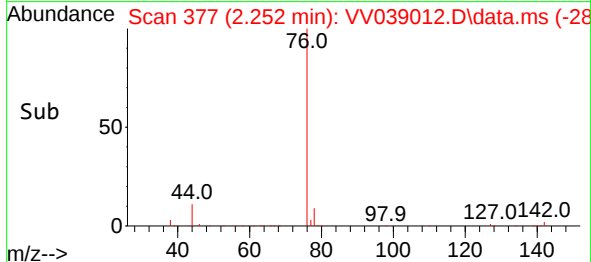
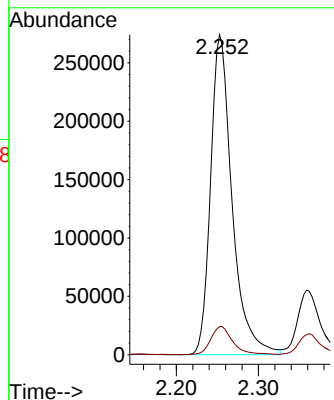
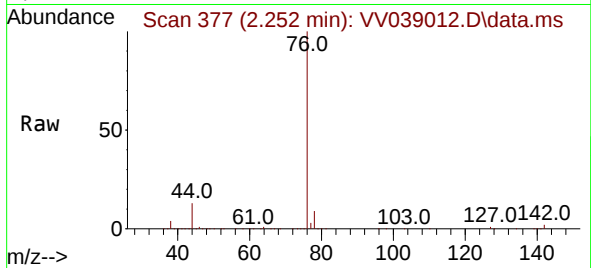




#17
Carbon Disulfide
Concen: 21.819 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

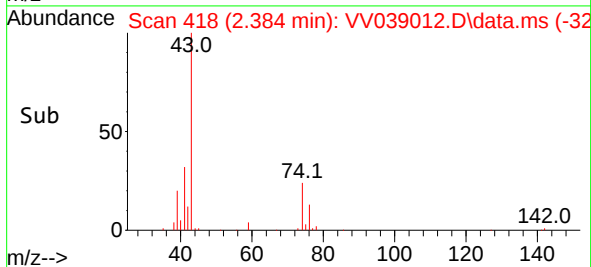
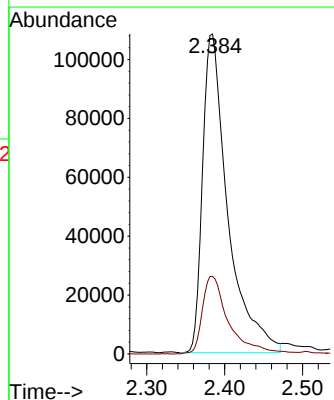
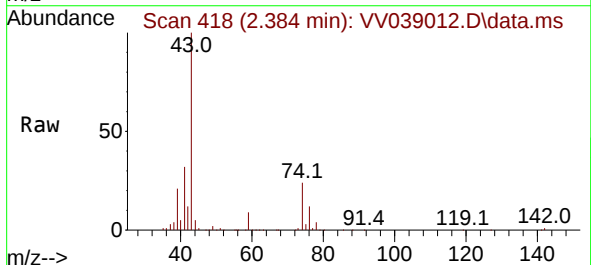
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

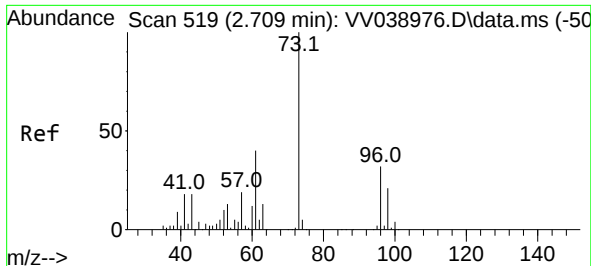
Tgt Ion: 76 Resp: 499995
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 28.066 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 43 Resp: 243206
Ion Ratio Lower Upper
43 100
74 25.5 23.5 35.3

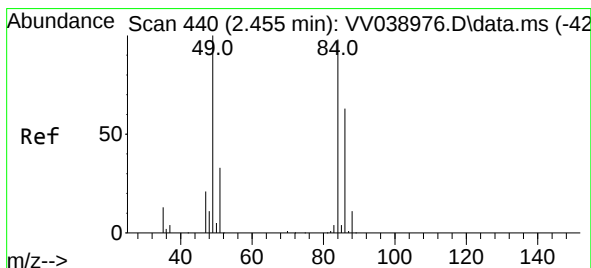
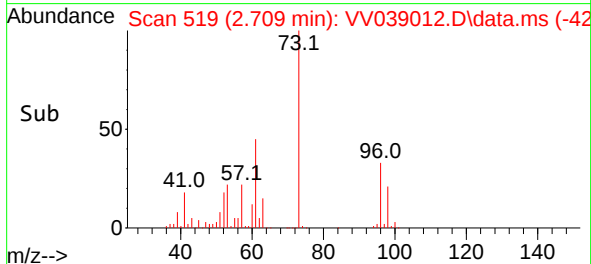
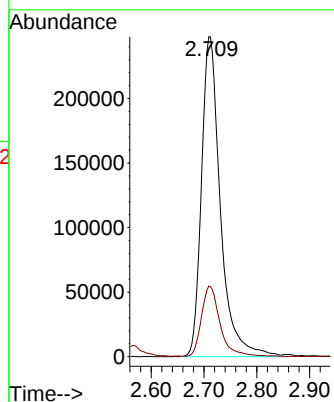
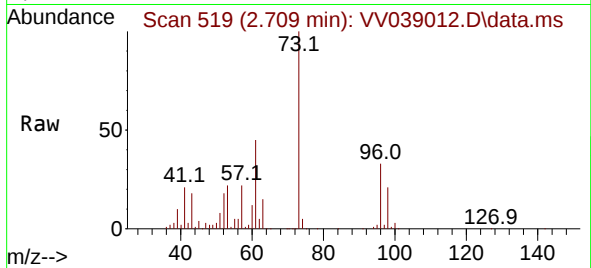




#19
Methyl tert-butyl Ether
Concen: 25.290 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

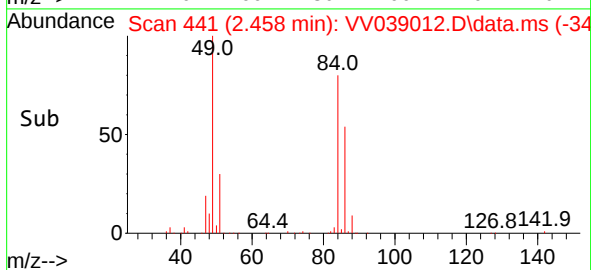
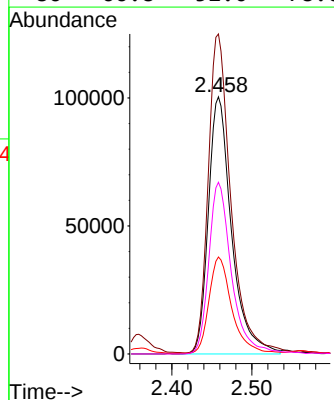
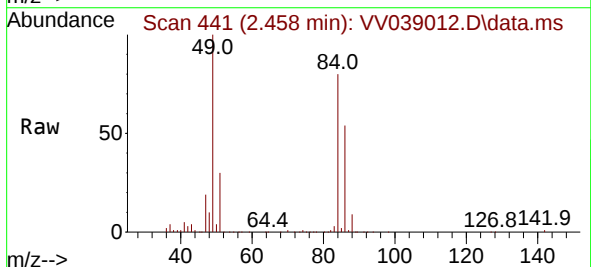
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

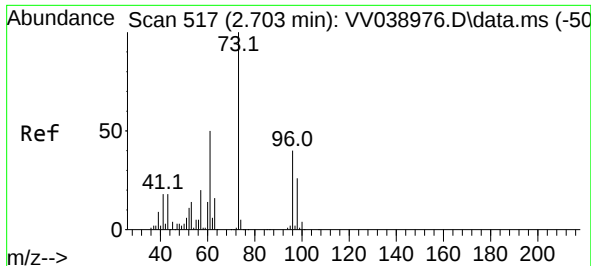
Tgt Ion: 73 Resp: 616106
Ion Ratio Lower Upper
73 100
57 21.9 15.7 23.5



#20
Methylene Chloride
Concen: 21.331 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 84 Resp: 202658
Ion Ratio Lower Upper
84 100
49 124.0 81.9 122.9#
51 37.4 26.9 40.3
86 66.8 52.0 78.0

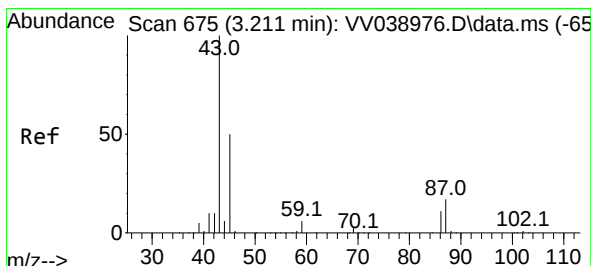
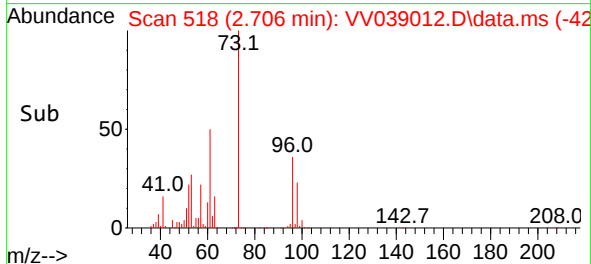
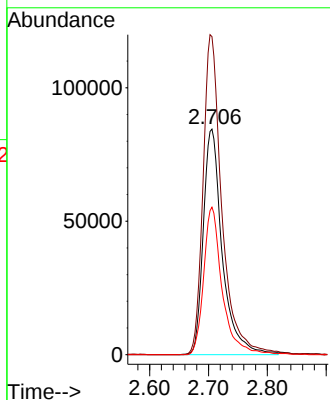
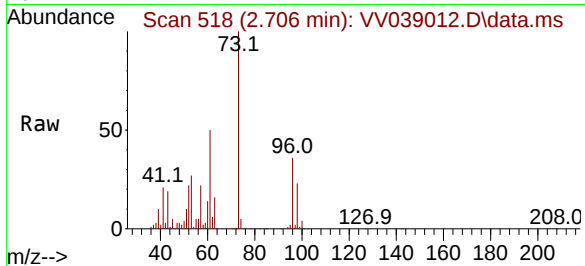




#21
trans-1,2-Dichloroethene
Concen: 22.112 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

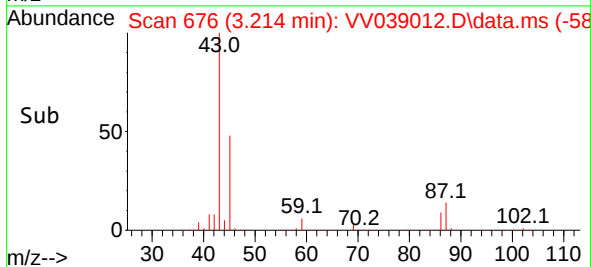
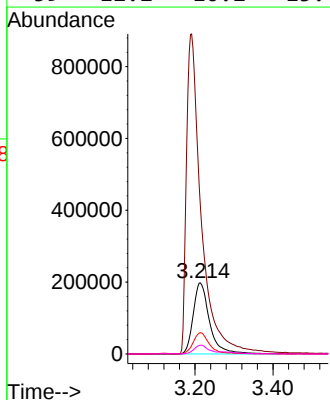
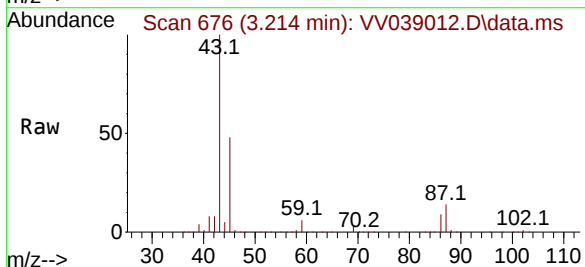
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

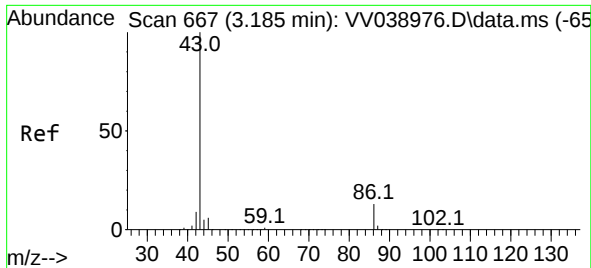
Tgt Ion: 96 Resp: 189750
Ion Ratio Lower Upper
96 100
61 141.1 100.6 151.0
98 65.4 51.5 77.3



#22
Diisopropyl ether
Concen: 23.981 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 45 Resp: 579198
Ion Ratio Lower Upper
45 100
43 206.8 159.4 239.0
87 29.9 27.5 41.3
59 12.2 10.2 15.4

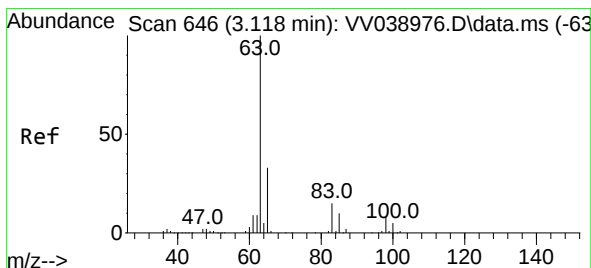
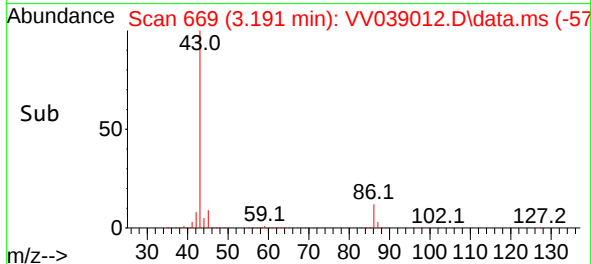
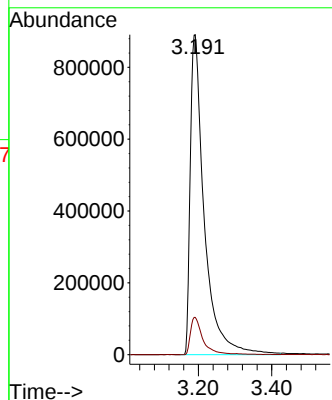
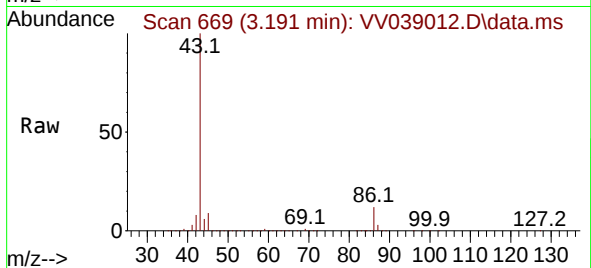




#23
 Vinyl Acetate
 Concen: 121.928 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

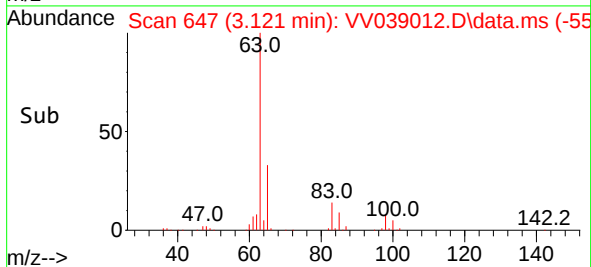
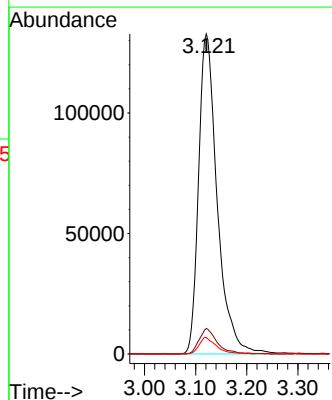
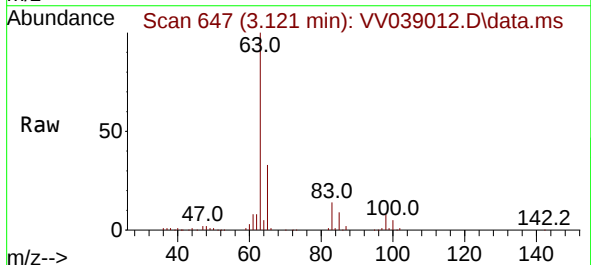
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBSD01

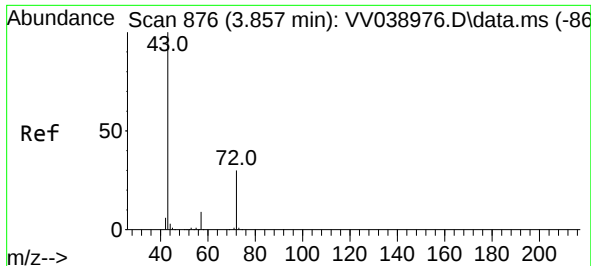
Tgt Ion: 43 Resp: 2362901
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 21.028 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

Tgt Ion: 63 Resp: 336421
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.3 12.8
 100 5.2 2.6 8.0

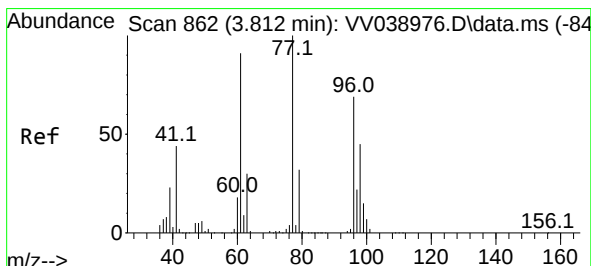
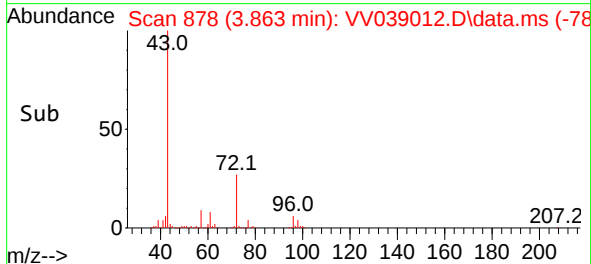
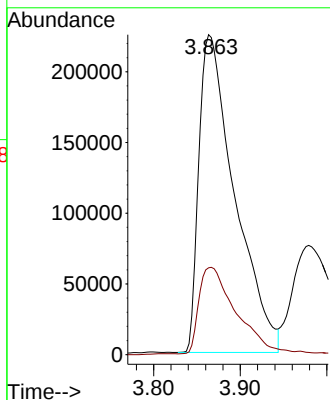
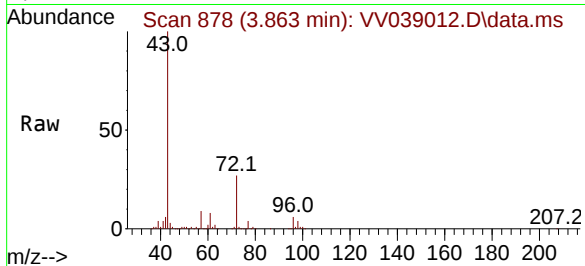




#25
2-Butanone
Concen: 121.504 ug/l
RT: 3.863 min Scan# 876
Delta R.T. 0.006 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

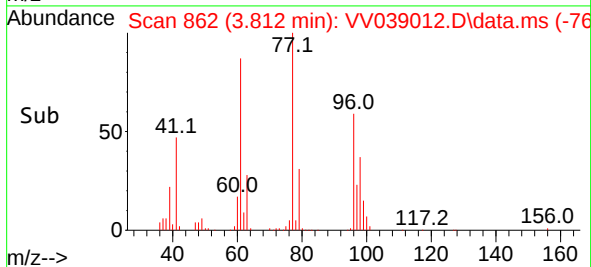
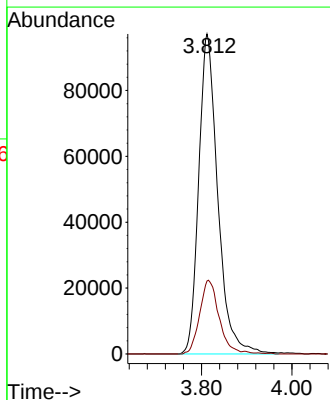
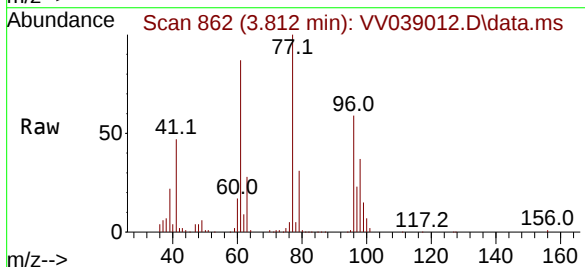
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

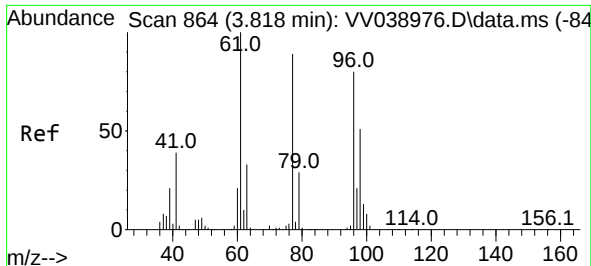
Tgt Ion: 43 Resp: 646321
Ion Ratio Lower Upper
43 100
72 27.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 18.529 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 77 Resp: 284373
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8

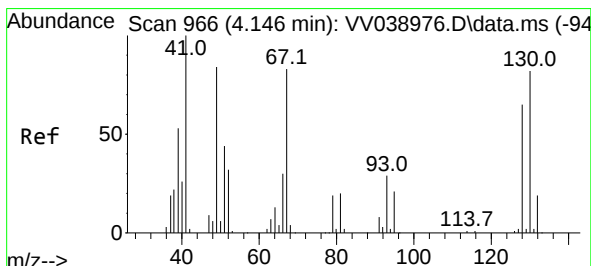
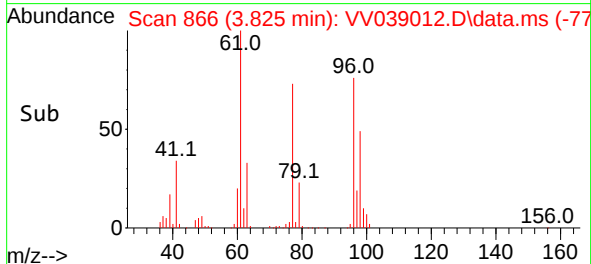
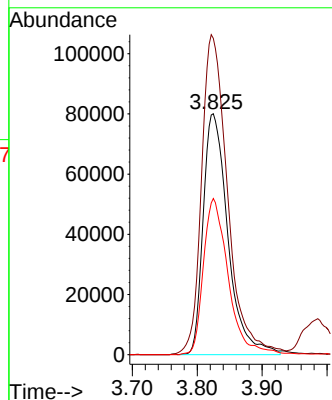
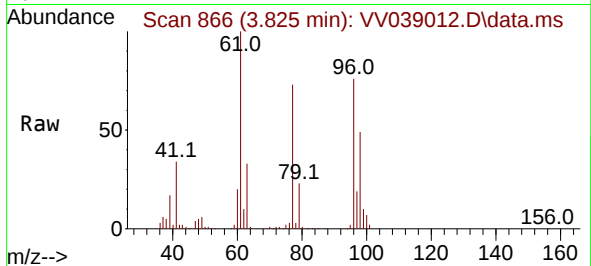




#27
 cis-1,2-Dichloroethene
 Concen: 20.469 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.007 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

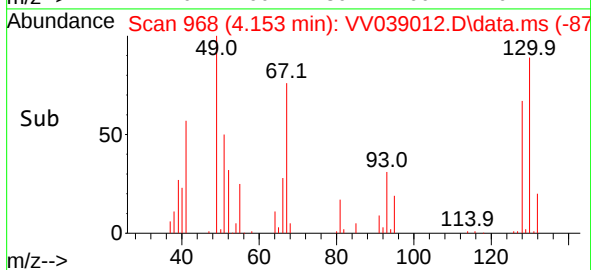
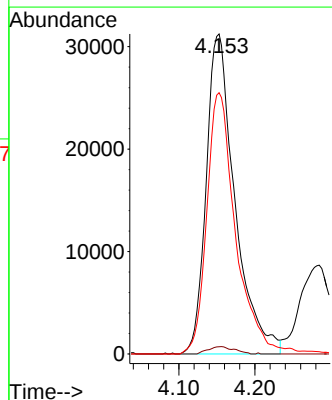
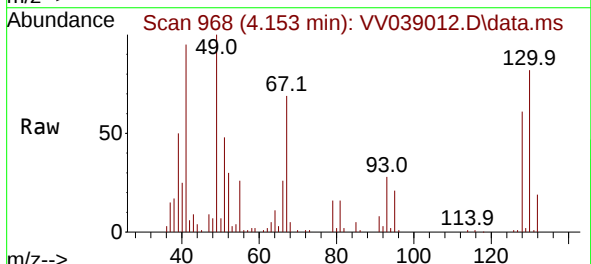
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBSD01

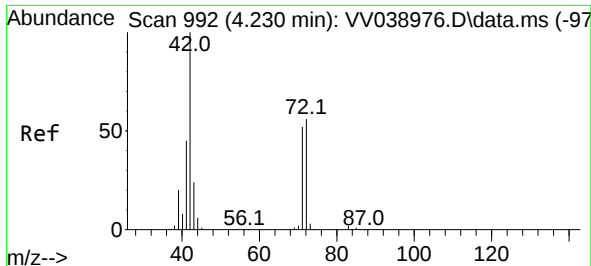
Tgt Ion: 96 Resp: 212000
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 264.4
 98 65.2 0.0 131.8



#28
 Bromochloromethane
 Concen: 24.330 ug/l
 RT: 4.153 min Scan# 968
 Delta R.T. 0.007 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

Tgt Ion: 49 Resp: 81888
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.2
 130 81.6 78.2 117.2





#29

Tetrahydrofuran

Concen: 121.663 ug/l

RT: 4.236 min Scan# 992

Delta R.T. 0.006 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

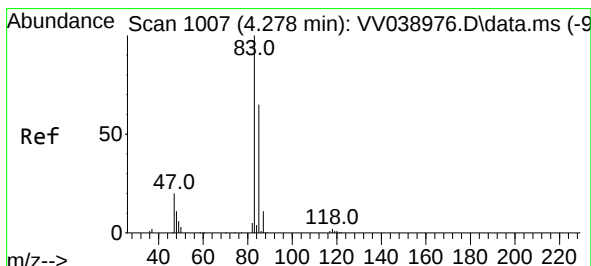
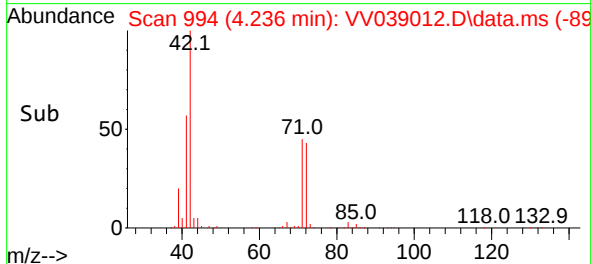
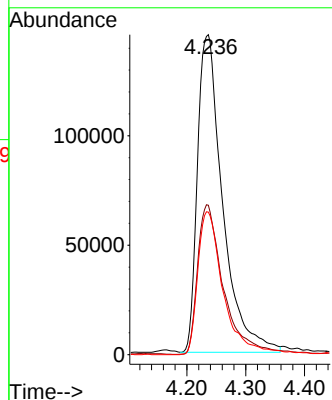
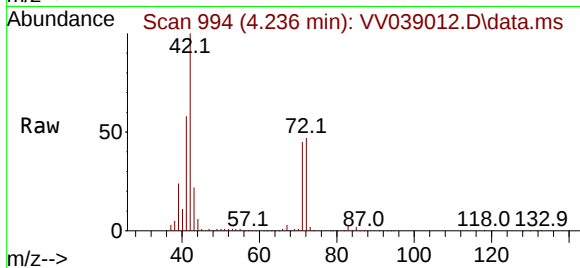
Tgt Ion: 42 Resp: 432006

Ion Ratio Lower Upper

42 100

72 48.7 44.6 66.8

71 45.4 41.6 62.4



#30

Chloroform

Concen: 19.045 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV039012.D

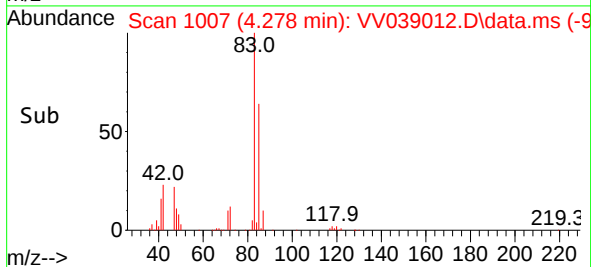
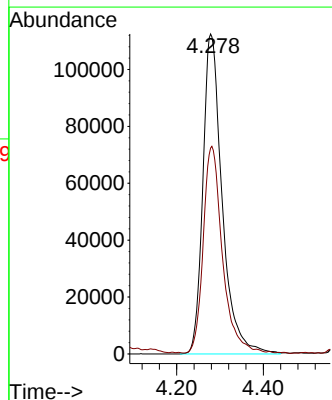
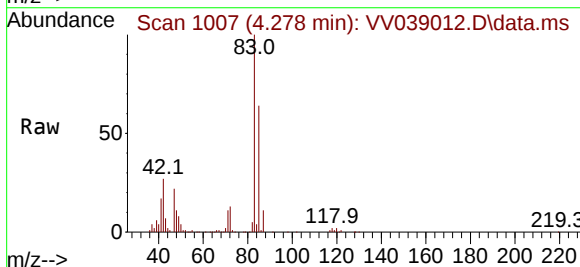
Acq: 22 Aug 2025 11:46

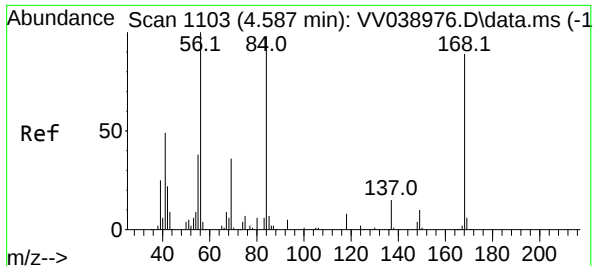
Tgt Ion: 83 Resp: 348200

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.2

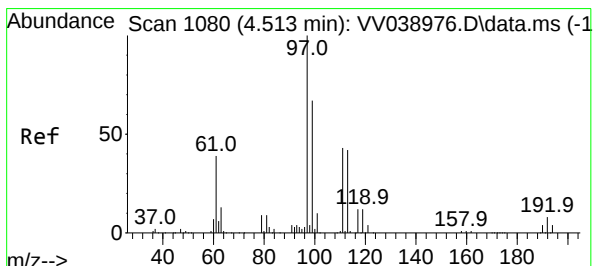
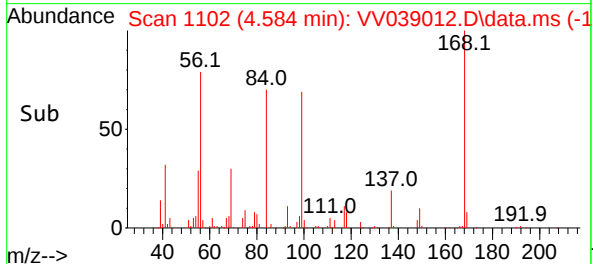
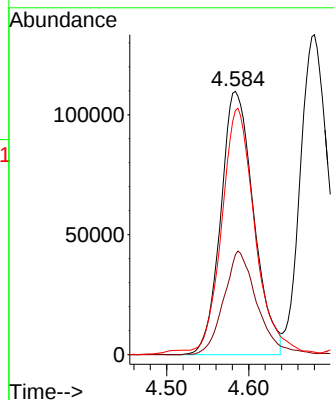
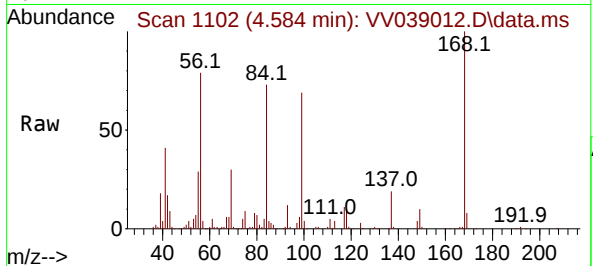




#31
Cyclohexane
Concen: 21.509 ug/l
RT: 4.584 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

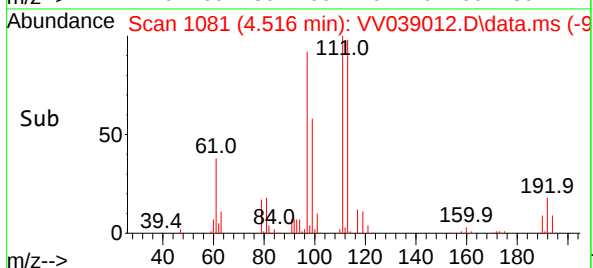
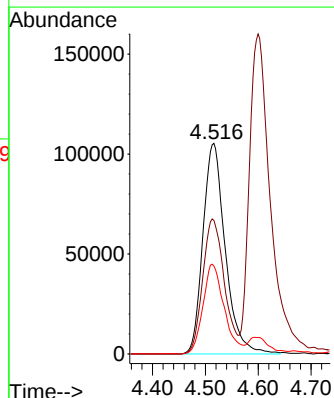
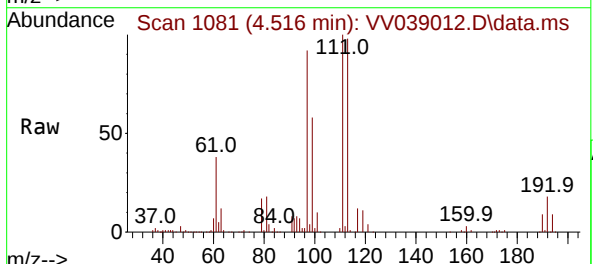
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

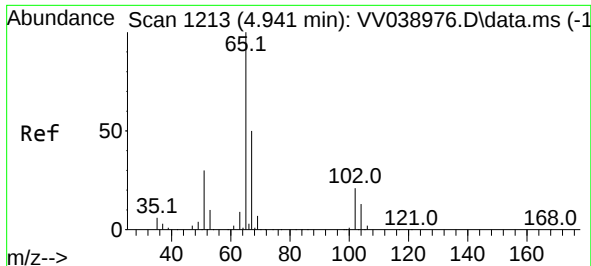
Tgt Ion: 56 Resp: 307026
Ion Ratio Lower Upper
56 100
69 38.0 28.6 42.8
84 91.1 78.1 117.1



#32
1,1,1-Trichloroethane
Concen: 17.994 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 97 Resp: 309081
Ion Ratio Lower Upper
97 100
99 62.3 49.5 74.3
61 40.5 30.9 46.3

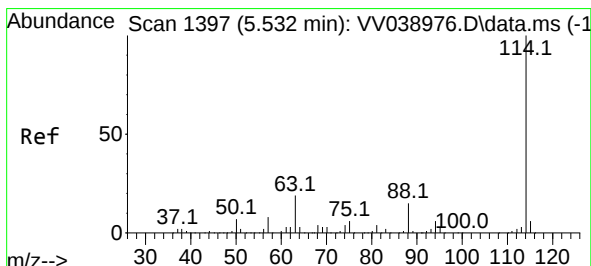
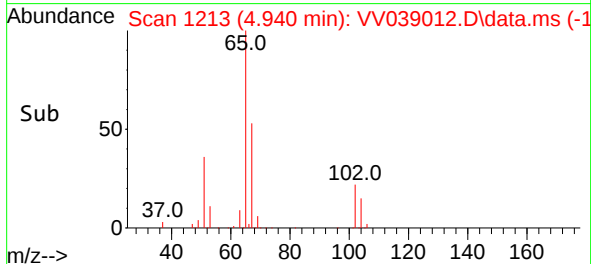
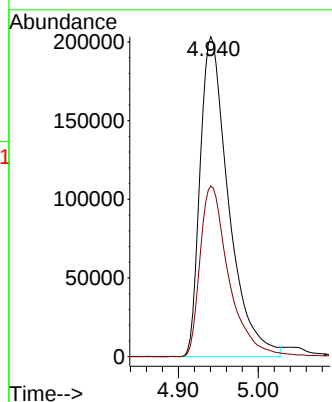
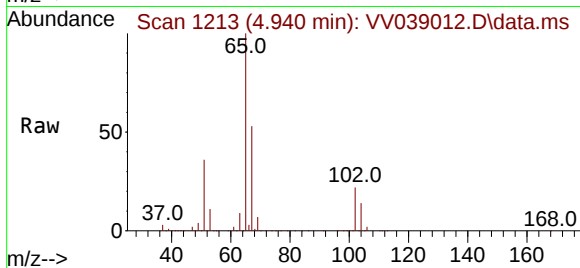




#33
 1,2-Dichloroethane-d4
 Concen: 49.381 ug/l
 RT: 4.940 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

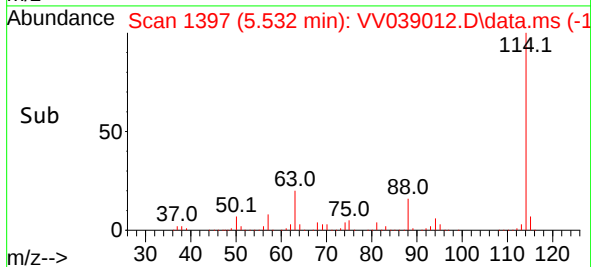
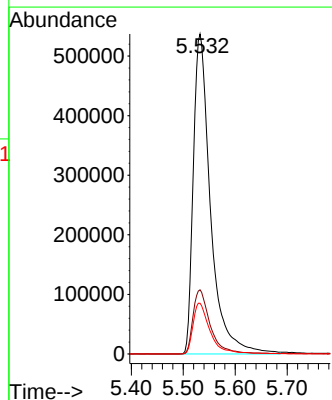
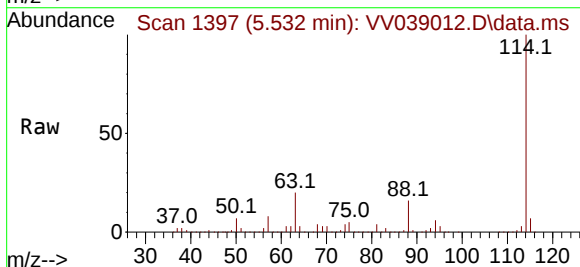
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBSD01

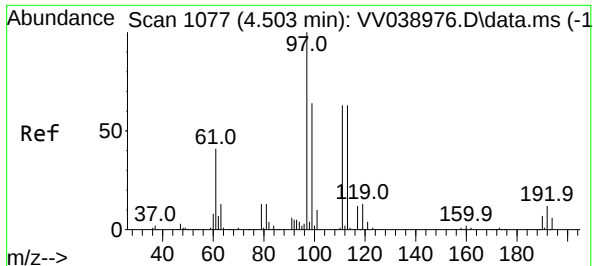
Tgt Ion: 65 Resp: 503004
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. -0.000 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

Tgt Ion: 114 Resp: 1237550
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.102 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

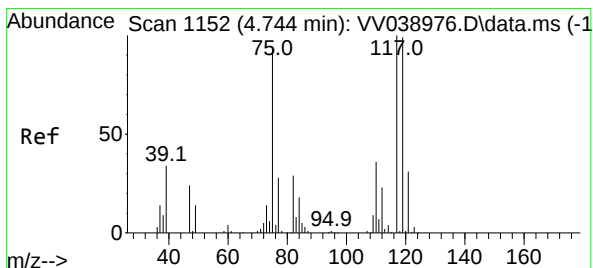
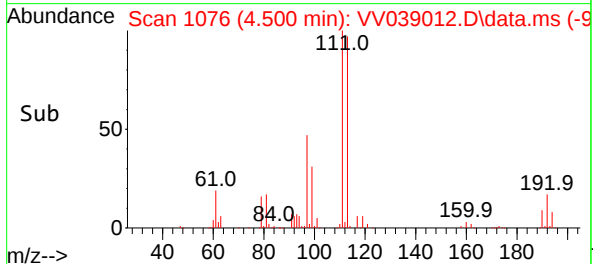
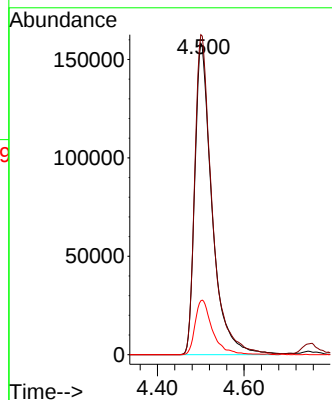
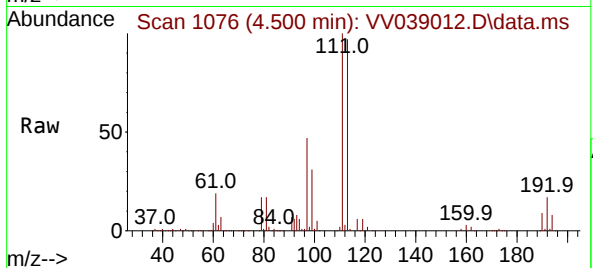
Tgt Ion:113 Resp: 437152

Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.208 ug/l

RT: 4.751 min Scan# 1154

Delta R.T. 0.006 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

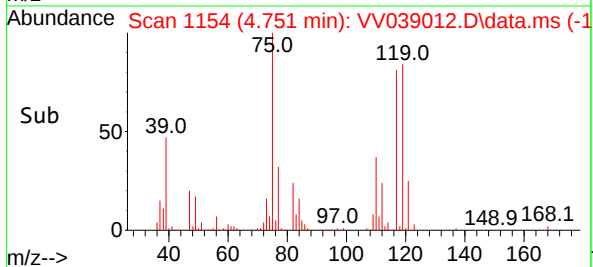
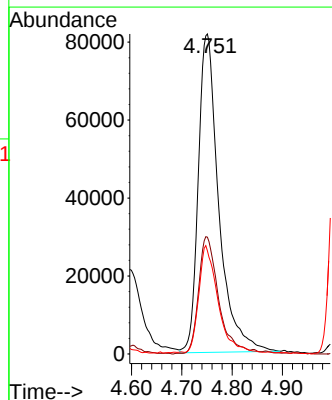
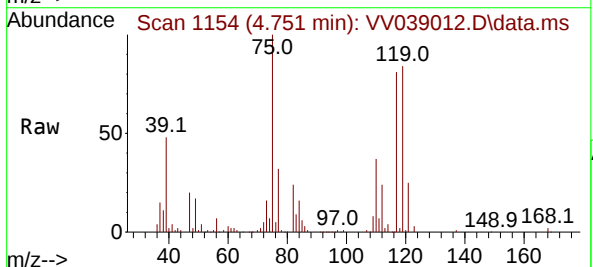
Tgt Ion: 75 Resp: 231518

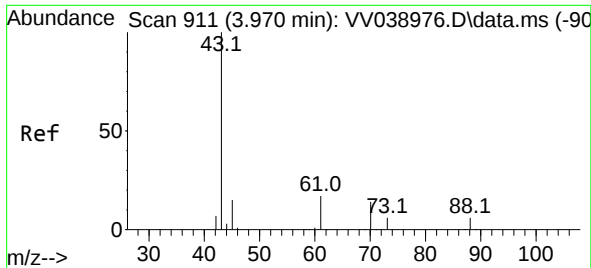
Ion Ratio Lower Upper

75 100

110 35.2 19.6 58.7

77 30.8 24.4 36.6

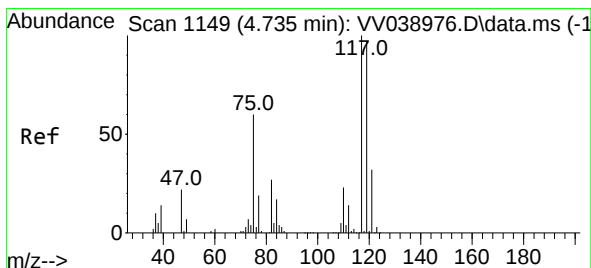
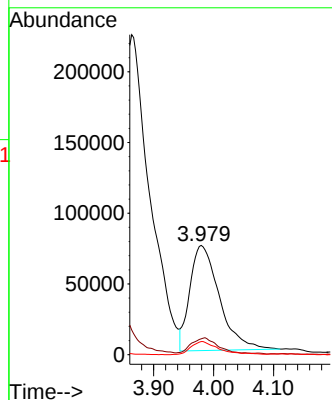
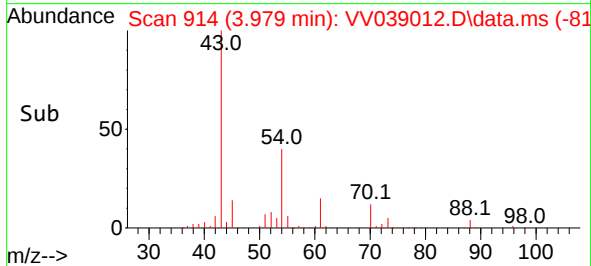
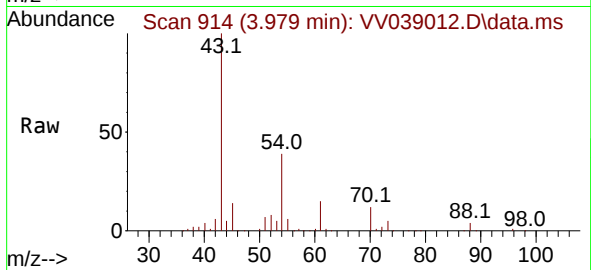




#37
Ethyl Acetate
Concen: 21.653 ug/l
RT: 3.979 min Scan# 911
Delta R.T. 0.009 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

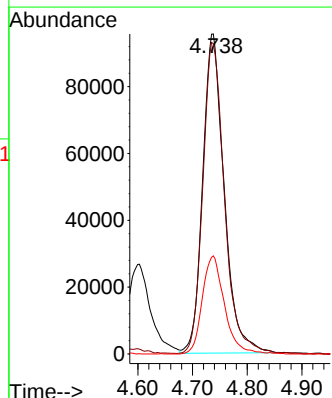
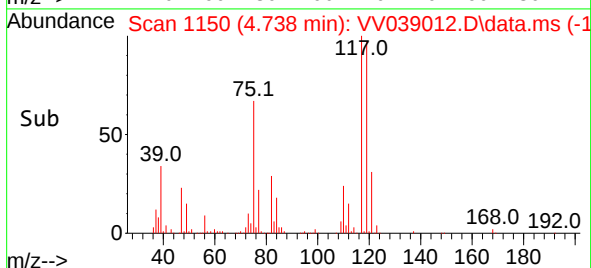
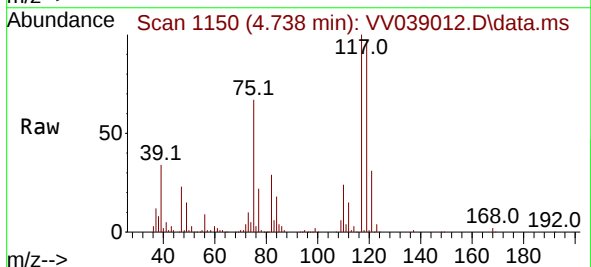
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

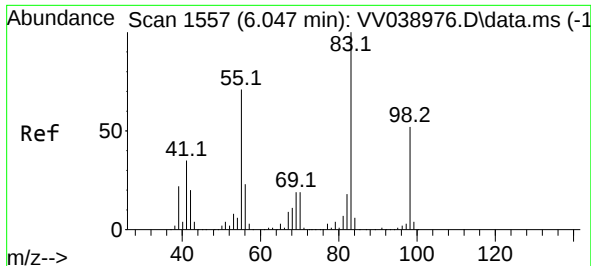
Tgt Ion: 43 Resp: 254984
Ion Ratio Lower Upper
43 100
61 13.3 12.6 19.0
70 11.2 10.2 15.4



#38
Carbon Tetrachloride
Concen: 16.136 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 117 Resp: 260451
Ion Ratio Lower Upper
117 100
119 97.1 77.1 115.7
121 30.8 25.4 38.2





#39

Methylcyclohexane

Concen: 20.351 ug/l

RT: 6.047 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

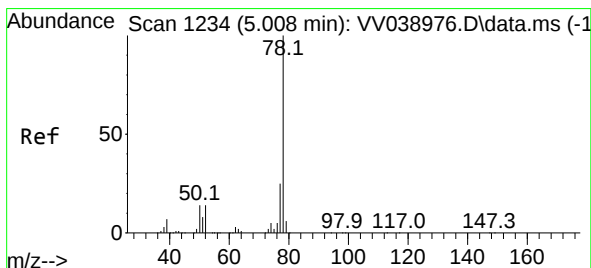
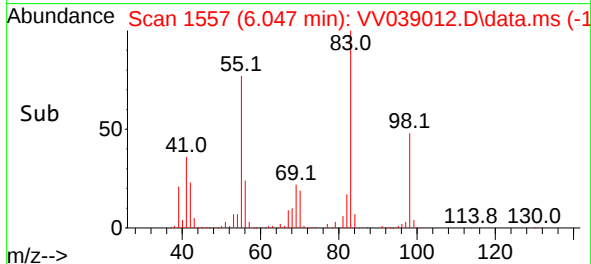
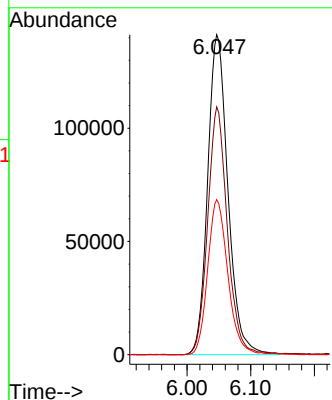
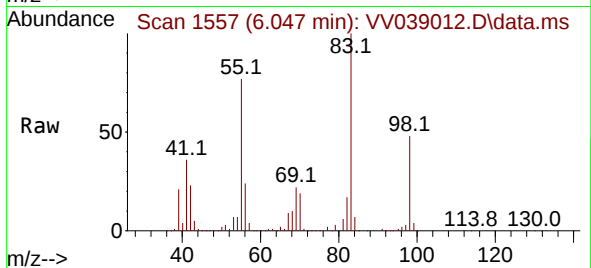
Tgt Ion: 83 Resp: 313425

Ion Ratio Lower Upper

83 100

55 77.4 57.0 85.6

98 48.4 41.3 61.9



#40

Benzene

Concen: 19.564 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV039012.D

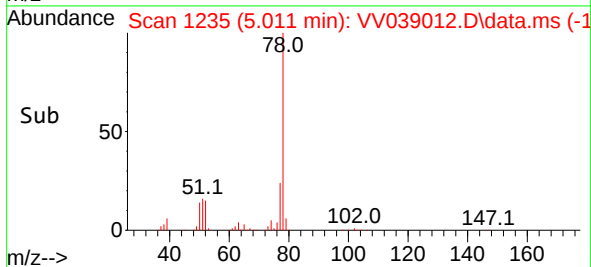
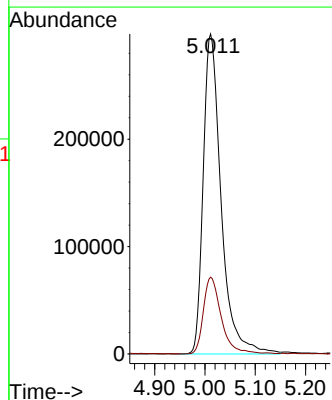
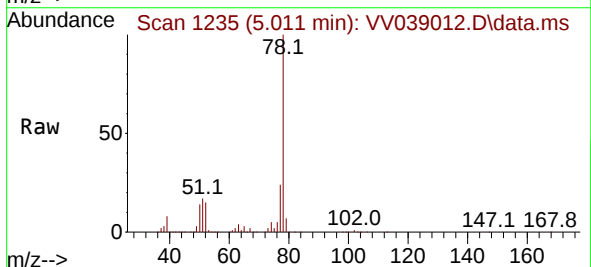
Acq: 22 Aug 2025 11:46

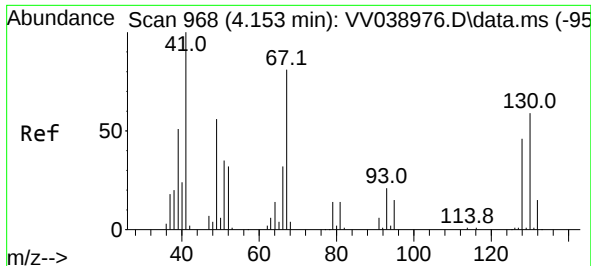
Tgt Ion: 78 Resp: 738553

Ion Ratio Lower Upper

78 100

77 23.9 19.6 29.4

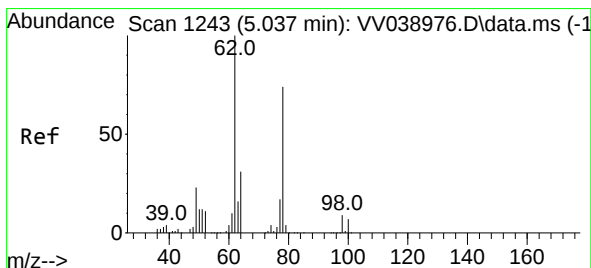
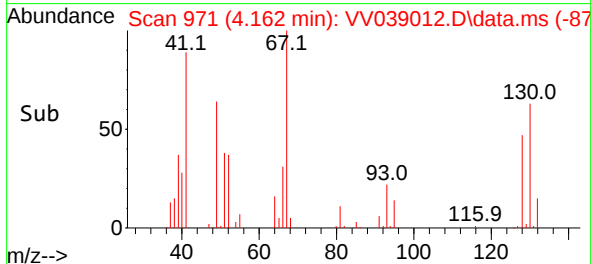
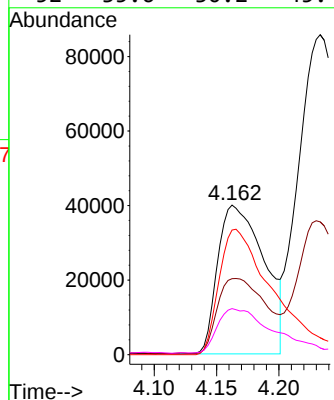
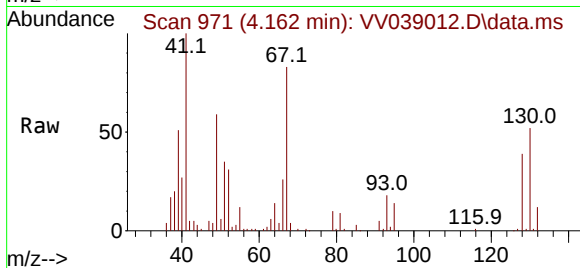




#41
Methacrylonitrile
Concen: 23.374 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

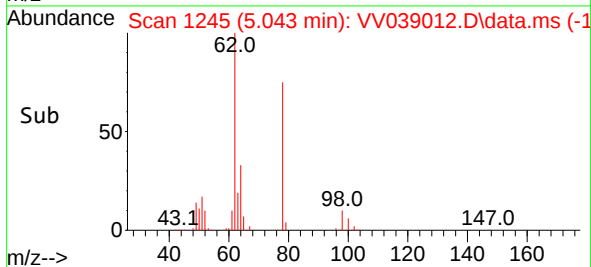
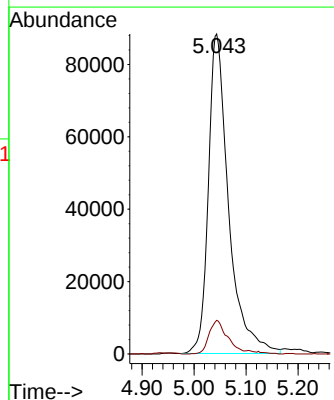
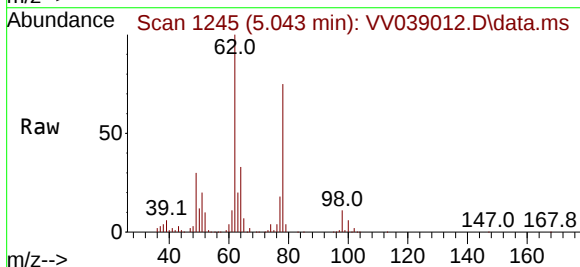
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

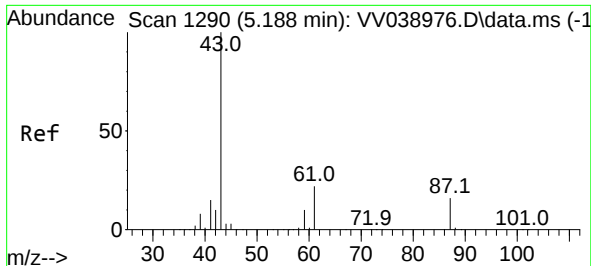
Tgt Ion: 41 Resp: 103722
Ion Ratio Lower Upper
41 100
39 52.1 45.5 68.3
67 100.1 83.5 125.3
52 35.6 30.2 45.4



#42
1,2-Dichloroethane
Concen: 17.299 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 62 Resp: 238744
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2

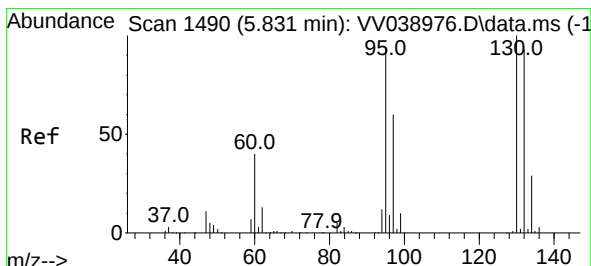
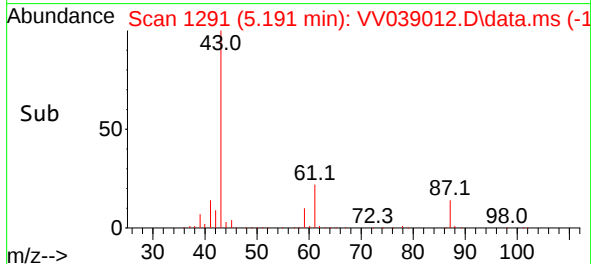
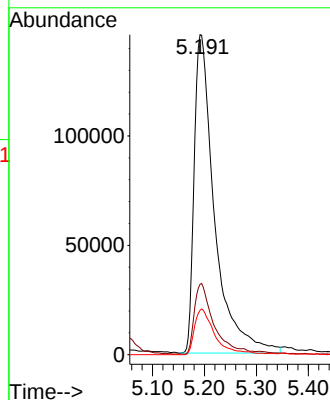
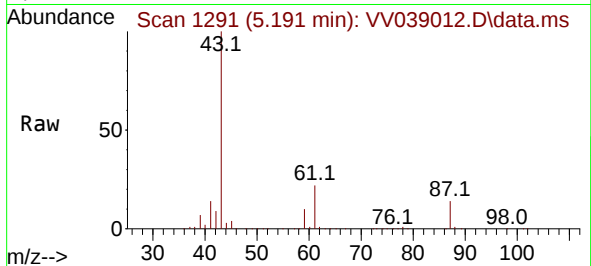




#43
Isopropyl Acetate
Concen: 22.132 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

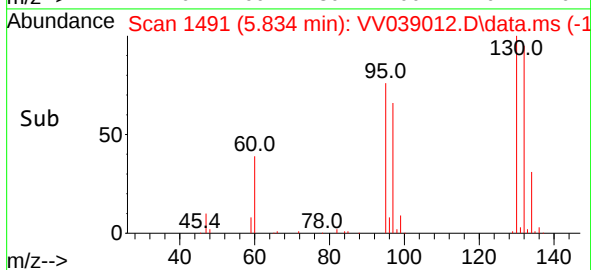
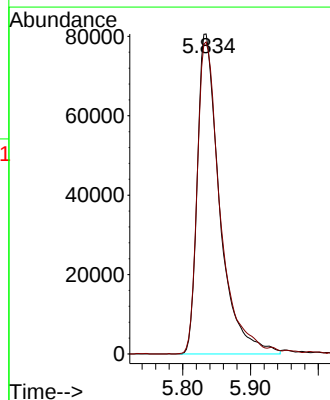
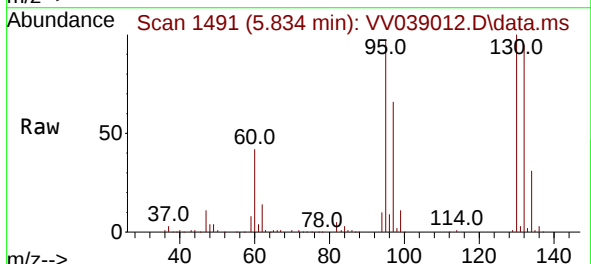
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

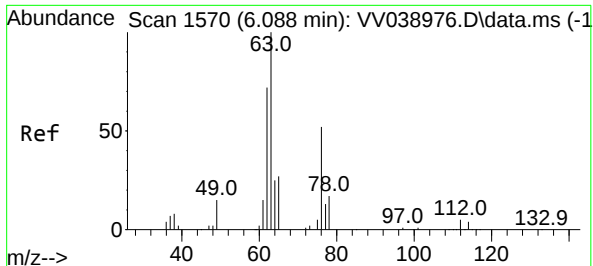
Tgt Ion: 43 Resp: 397678
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.2
87 14.2 13.3 19.9



#44
Trichloroethene
Concen: 17.988 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion:130 Resp: 184198
Ion Ratio Lower Upper
130 100
95 97.4 0.0 186.6





#45

1,2-Dichloropropane

Concen: 19.276 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

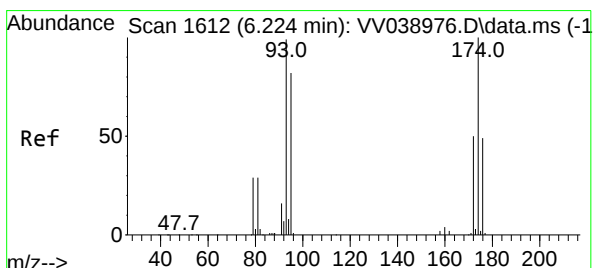
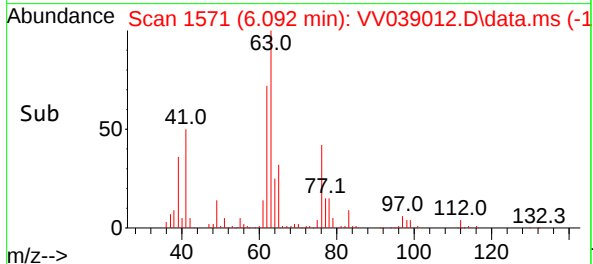
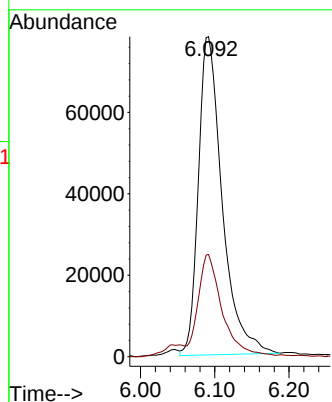
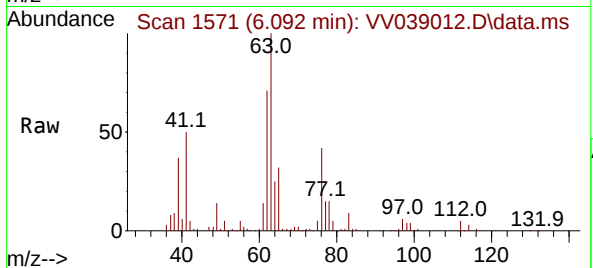
VV0822WBSD01

Tgt Ion: 63 Resp: 174522

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4



#46

Dibromomethane

Concen: 18.147 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

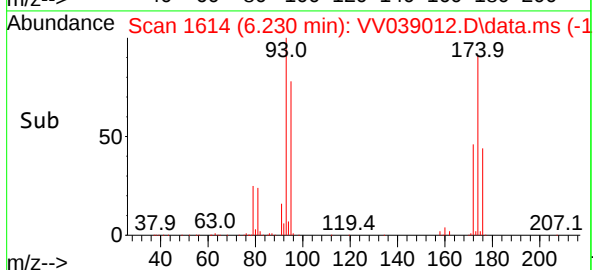
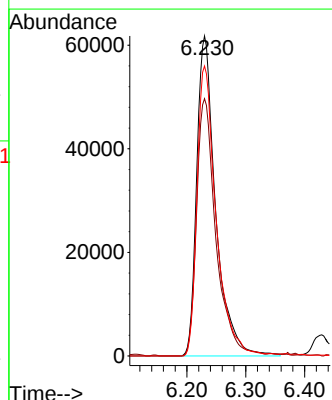
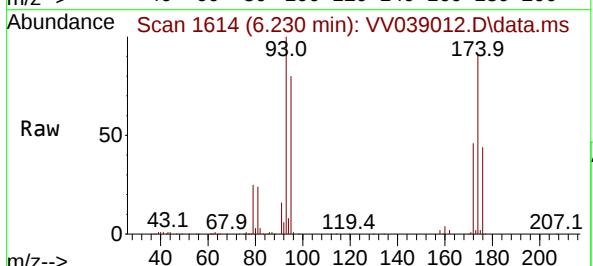
Tgt Ion: 93 Resp: 137863

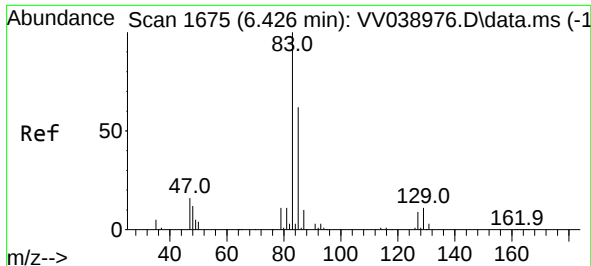
Ion Ratio Lower Upper

93 100

95 82.1 66.4 99.6

174 92.0 79.7 119.5

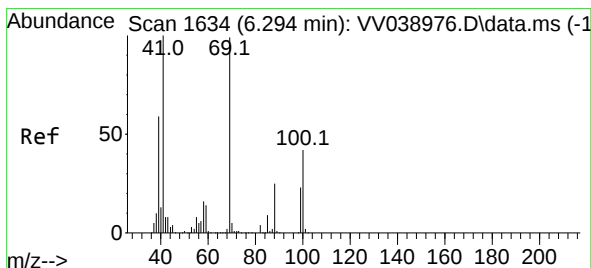
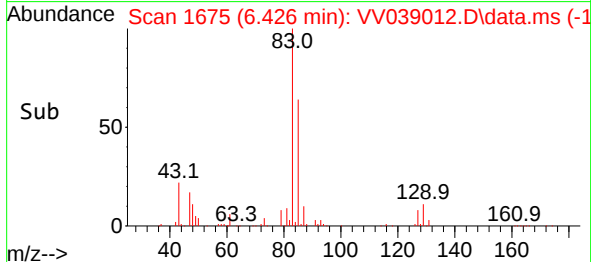
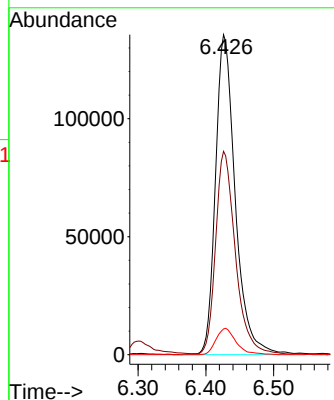
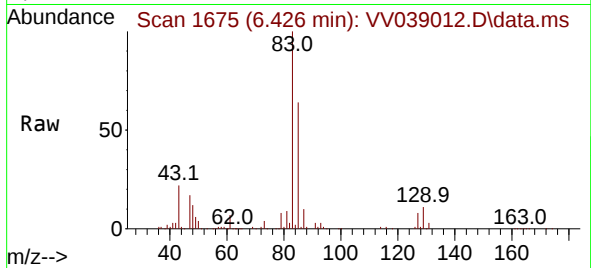




#47
Bromodichloromethane
Concen: 17.757 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

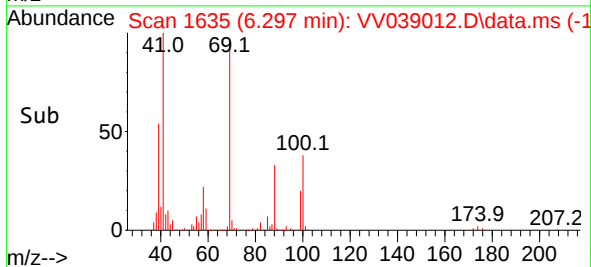
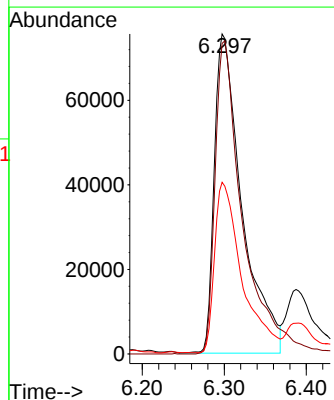
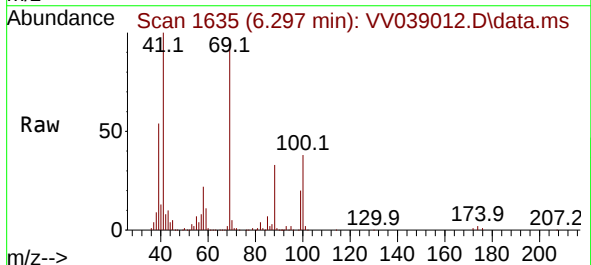
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

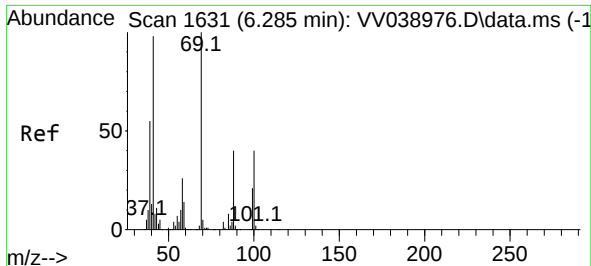
Tgt Ion: 83 Resp: 274544
Ion Ratio Lower Upper
83 100
85 63.0 49.6 74.4
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 21.977 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 41 Resp: 177012
Ion Ratio Lower Upper
41 100
69 98.3 82.5 123.7
39 52.7 46.6 69.8





#49

1,4-Dioxane

Concen: 510.275 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

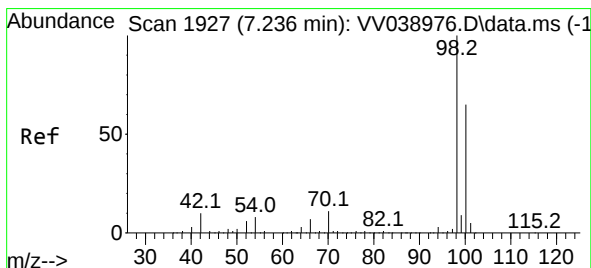
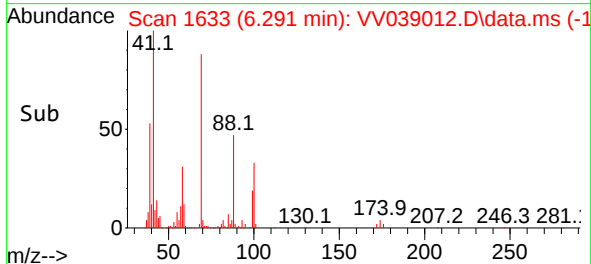
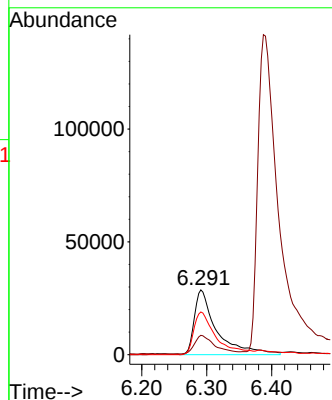
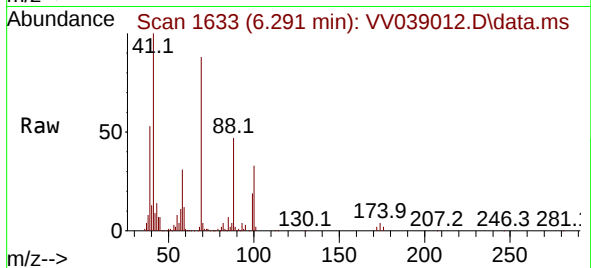
Tgt Ion: 88 Resp: 68723

Ion Ratio Lower Upper

88 100

43 26.2 24.6 36.8

58 65.2 51.8 77.6



#50

Toluene-d8

Concen: 47.518 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV039012.D

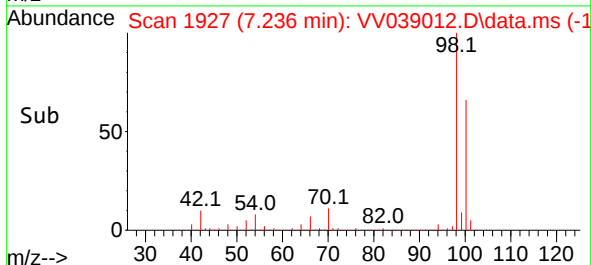
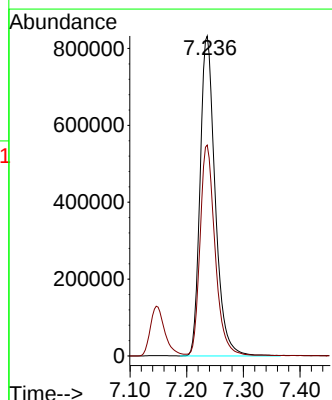
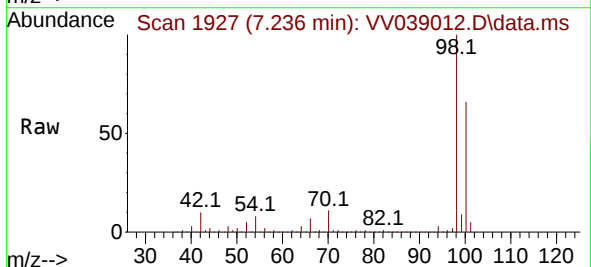
Acq: 22 Aug 2025 11:46

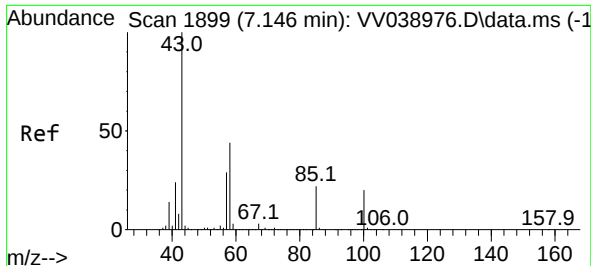
Tgt Ion: 98 Resp: 1537840

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

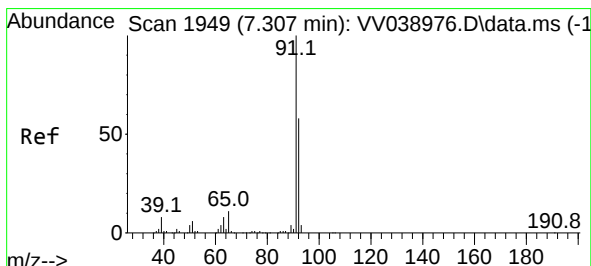
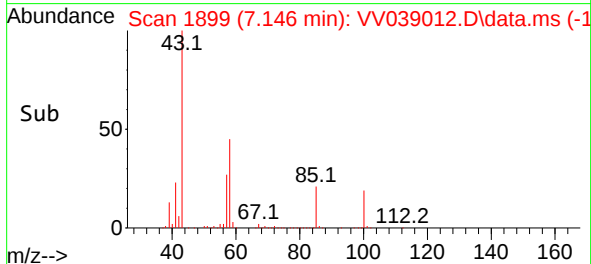
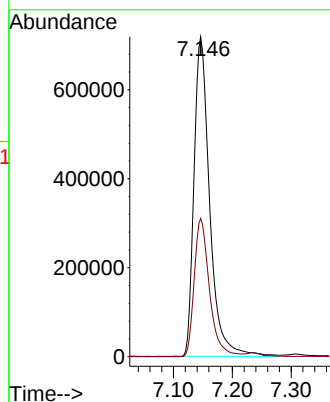
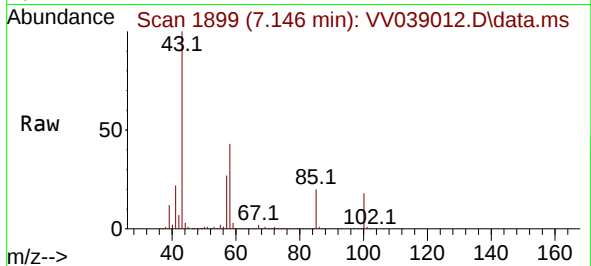




#51
4-Methyl-2-Pentanone
Concen: 112.829 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

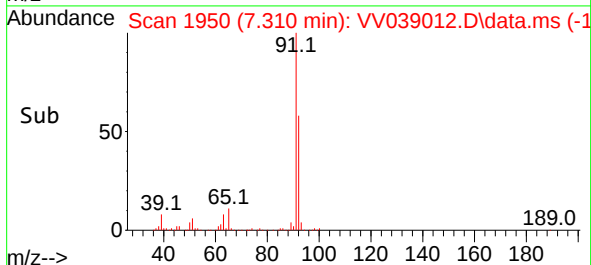
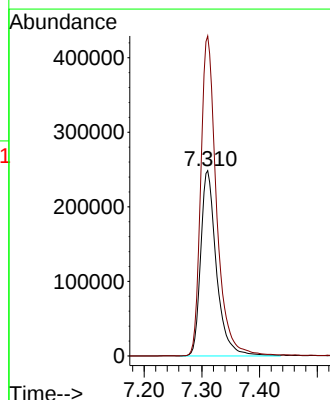
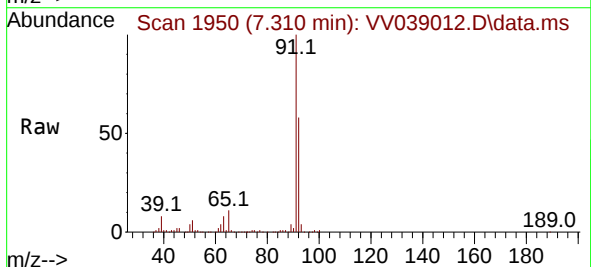
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

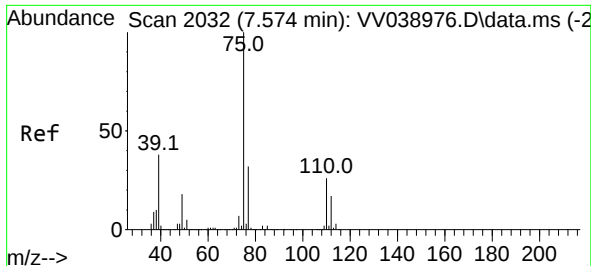
Tgt Ion: 43 Resp: 1331163
Ion Ratio Lower Upper
43 100
58 42.2 34.6 51.8



#52
Toluene
Concen: 19.722 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 92 Resp: 471516
Ion Ratio Lower Upper
92 100
91 172.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 19.255 ug/l

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

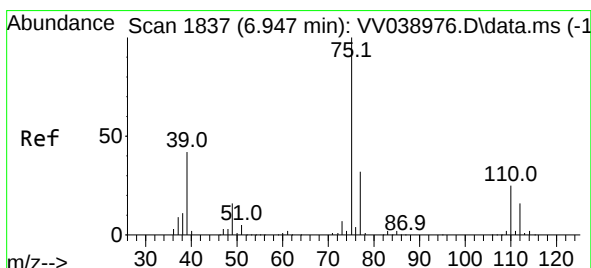
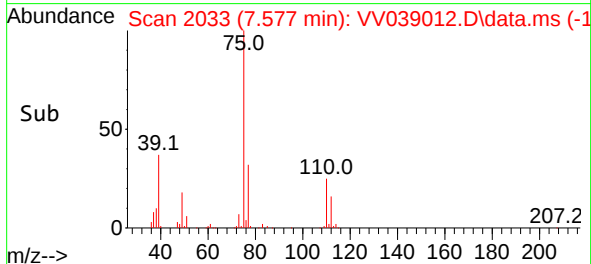
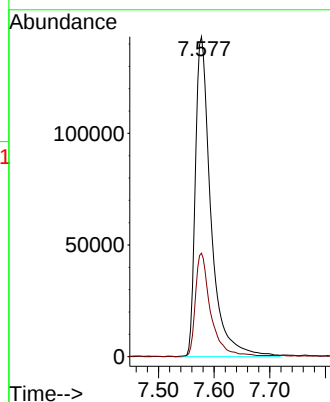
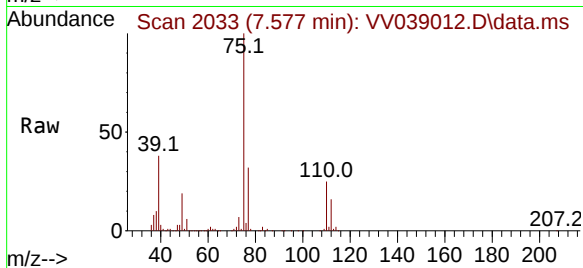
VV0822WBSD01

Tgt Ion: 75 Resp: 278303

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.256 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

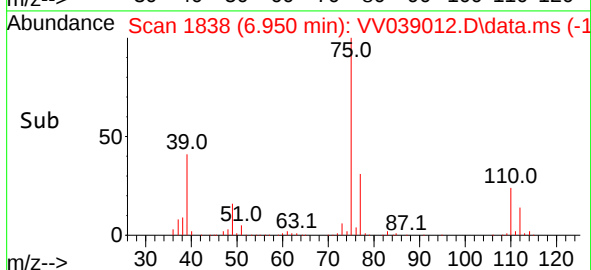
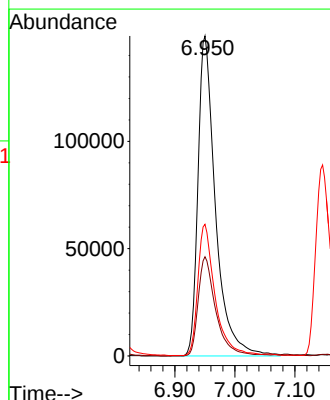
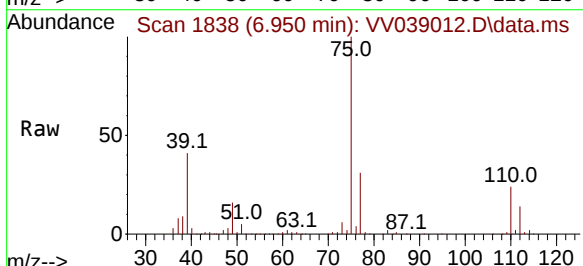
Tgt Ion: 75 Resp: 303345

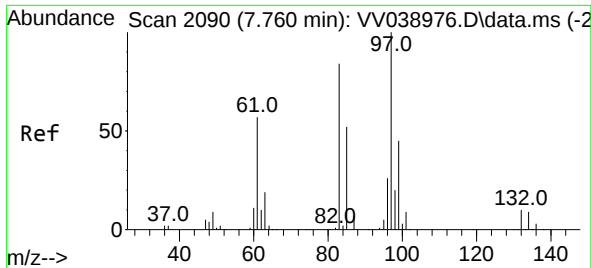
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 41.0 33.3 49.9

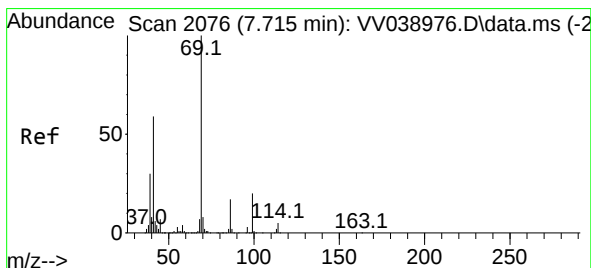
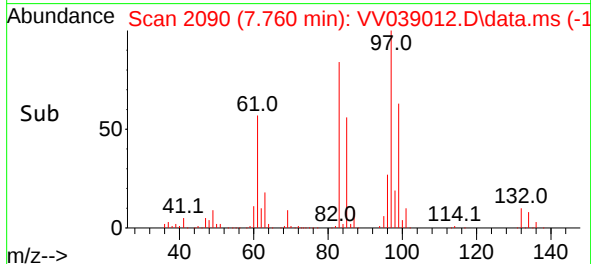
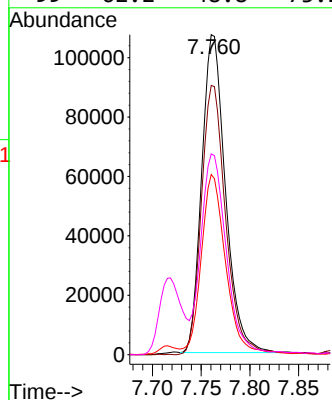
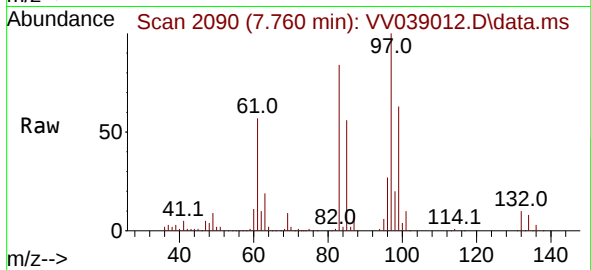




#55
1,1,2-Trichloroethane
Concen: 17.379 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

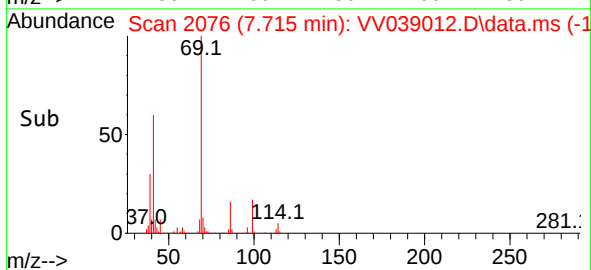
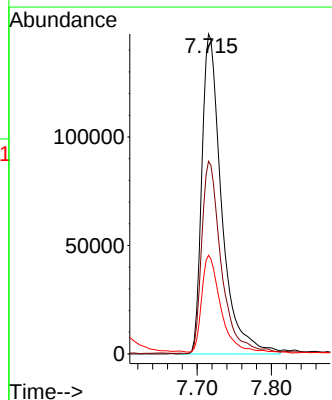
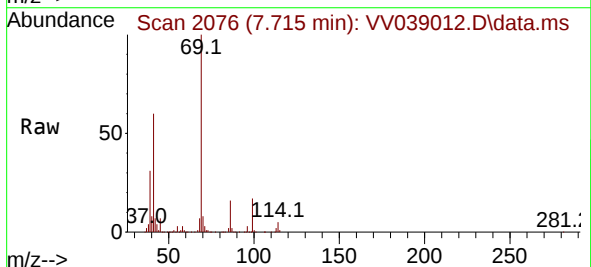
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

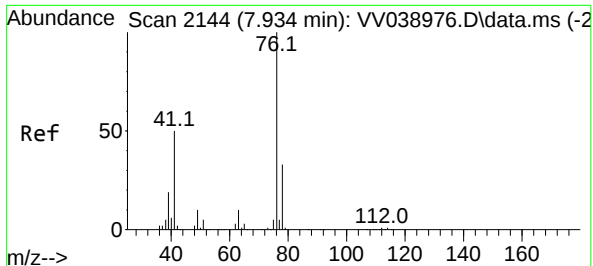
Tgt Ion:	97	Resp:	181165
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.2	100.8
85	56.1	42.7	64.1
99	62.2	48.8	73.2



#56
Ethyl methacrylate
Concen: 18.154 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion:	69	Resp:	273091
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.5	71.3
39	28.3	24.2	36.2





#57

1,3-Dichloropropane

Concen: 19.645 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

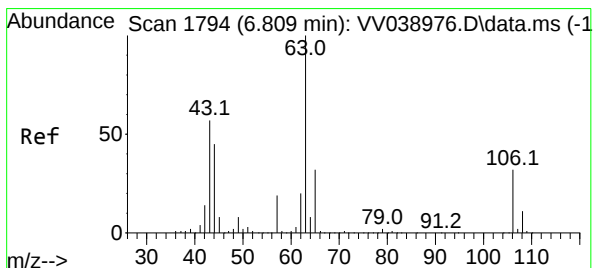
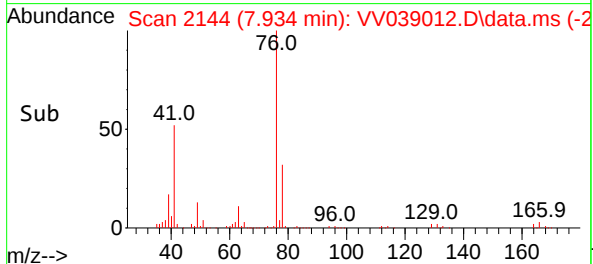
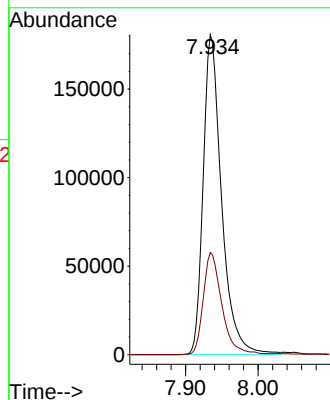
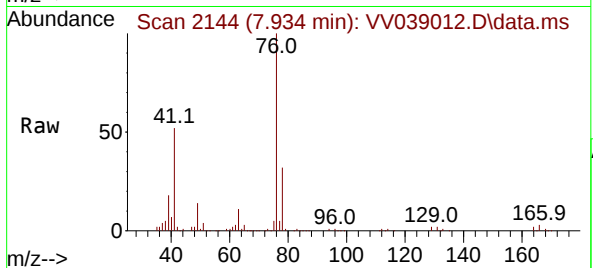
VV0822WBSD01

Tgt Ion: 76 Resp: 319327

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.857 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039012.D

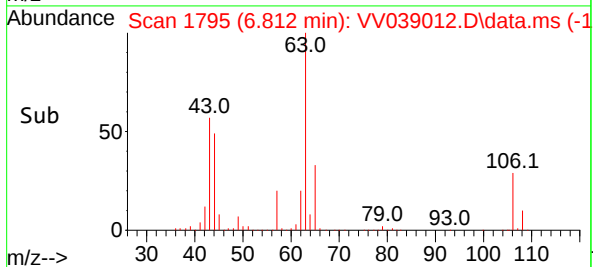
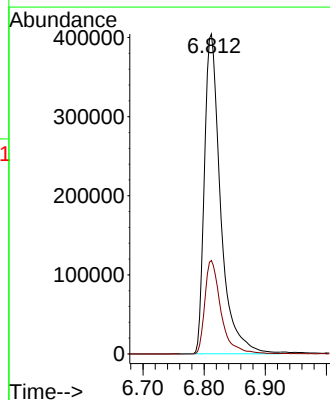
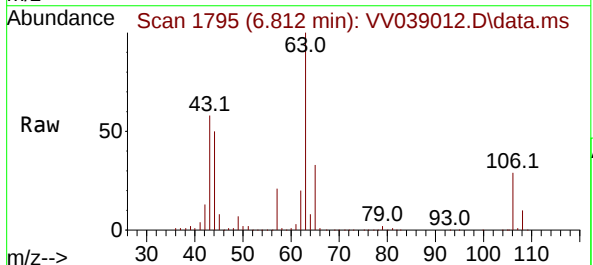
Acq: 22 Aug 2025 11:46

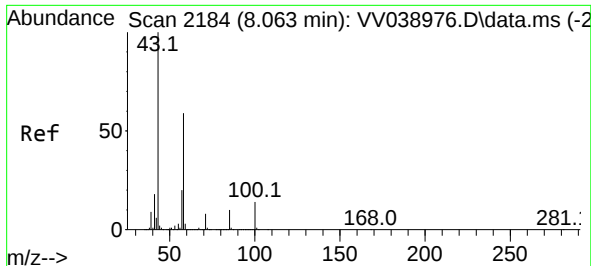
Tgt Ion: 63 Resp: 745772

Ion Ratio Lower Upper

63 100

106 29.0 25.6 38.4





#59

2-Hexanone

Concen: 87.543 ug/l

RT: 8.063 min Scan# 2184

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

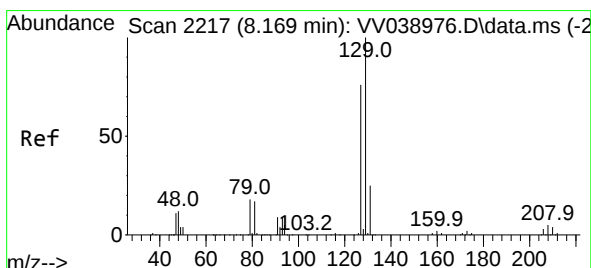
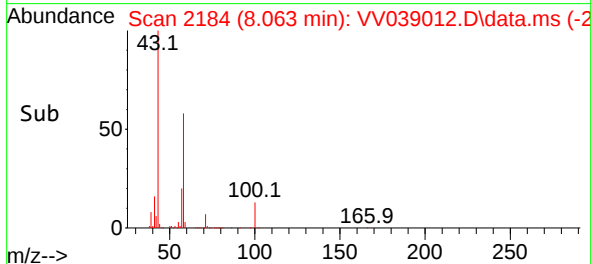
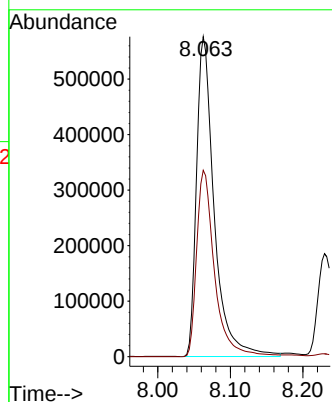
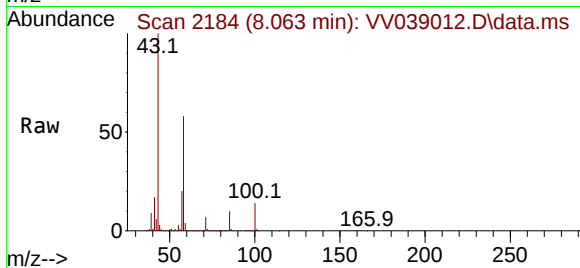
VV0822WBSD01

Tgt Ion: 43 Resp: 974027

Ion Ratio Lower Upper

43 100

58 59.1 29.8 89.4



#60

Dibromochloromethane

Concen: 17.001 ug/l

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV039012.D

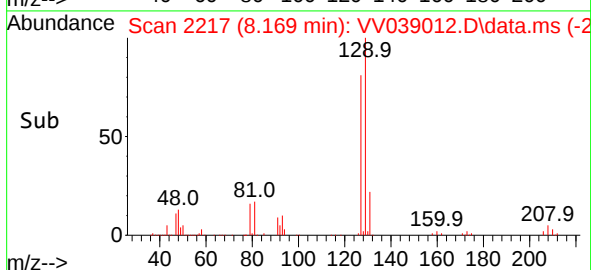
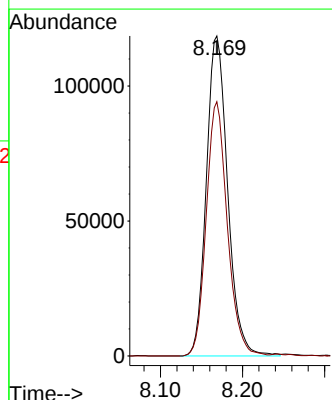
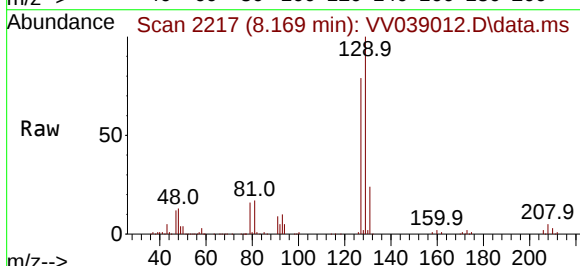
Acq: 22 Aug 2025 11:46

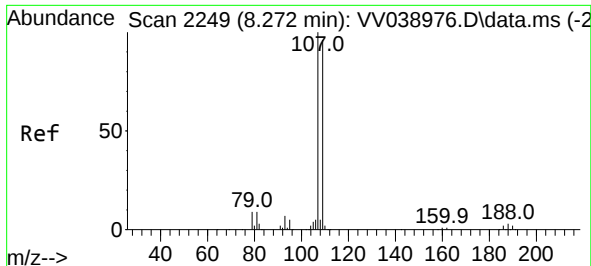
Tgt Ion: 129 Resp: 213994

Ion Ratio Lower Upper

129 100

127 78.5 38.4 115.1

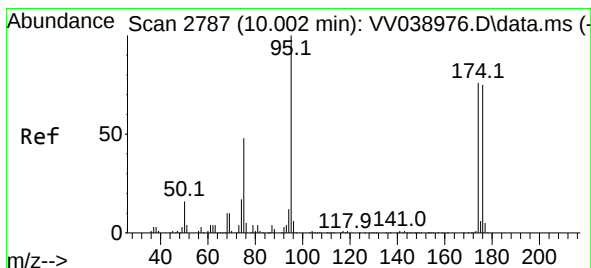
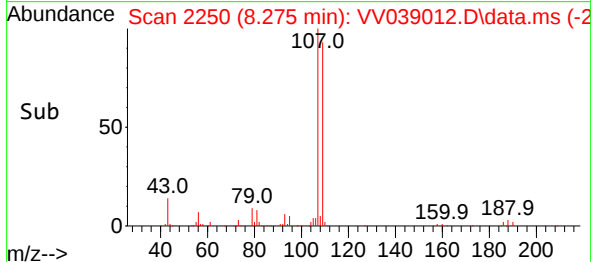
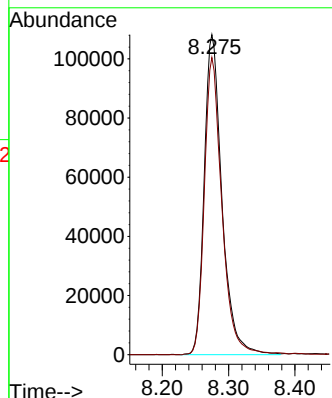
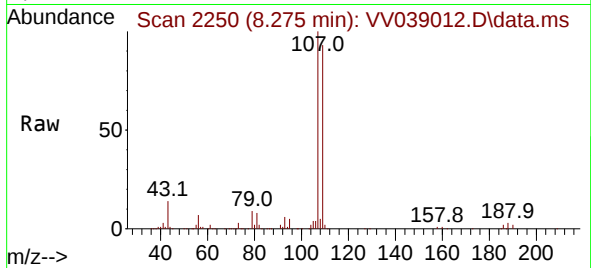




#61
1,2-Dibromoethane
Concen: 18.540 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

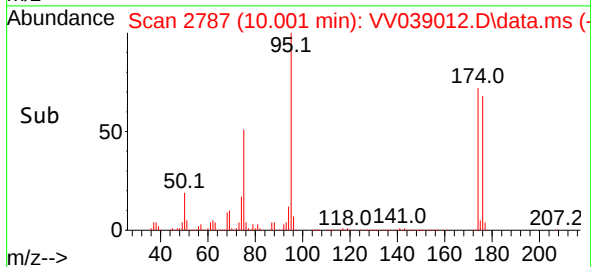
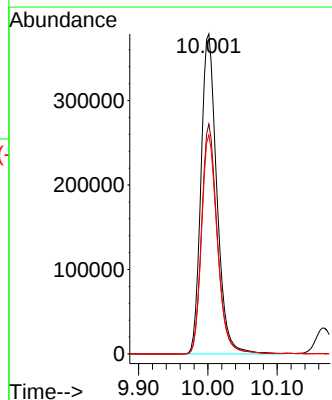
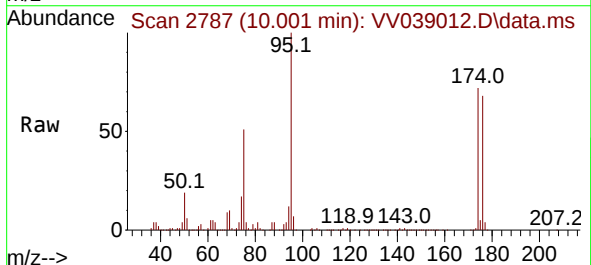
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

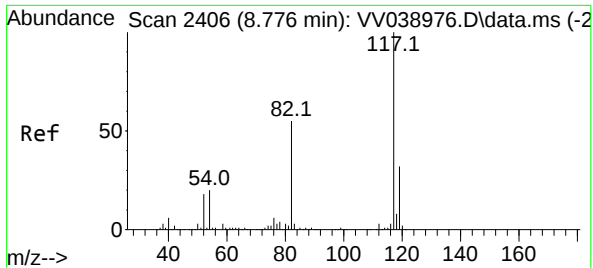
Tgt Ion:107 Resp: 200508
Ion Ratio Lower Upper
107 100
109 91.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.888 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 95 Resp: 602478
Ion Ratio Lower Upper
95 100
174 71.2 0.0 154.4
176 68.4 0.0 148.6

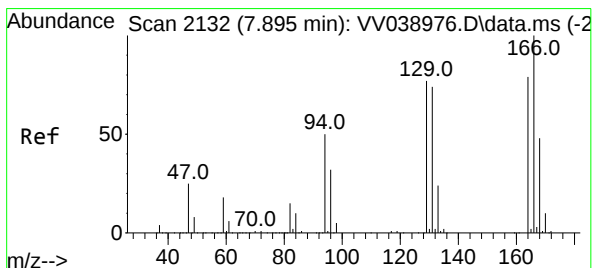
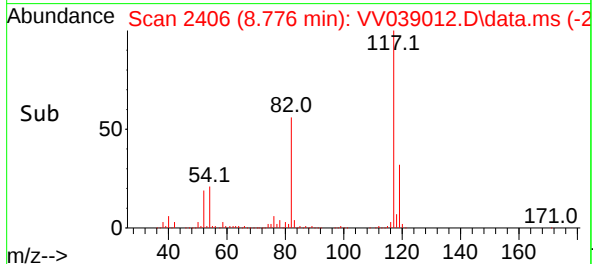
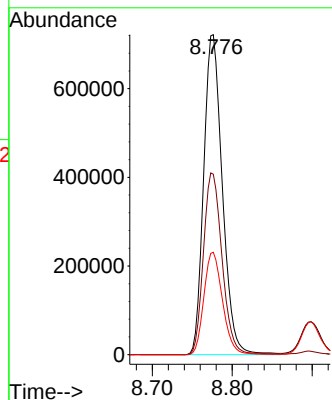
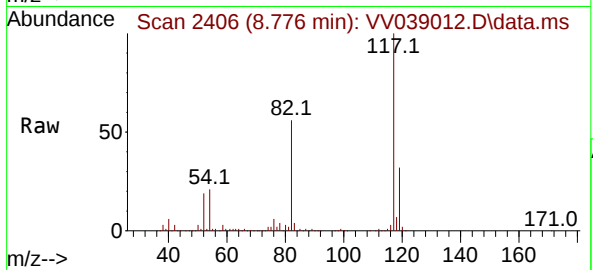




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

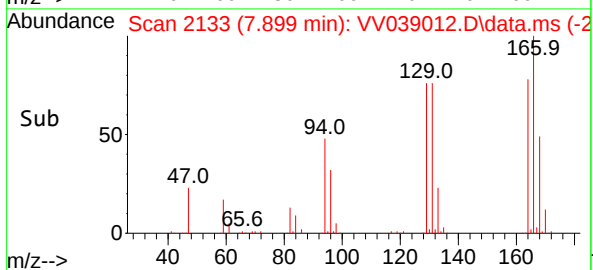
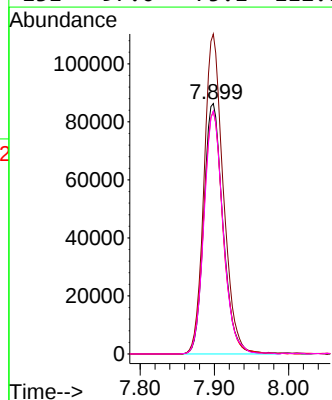
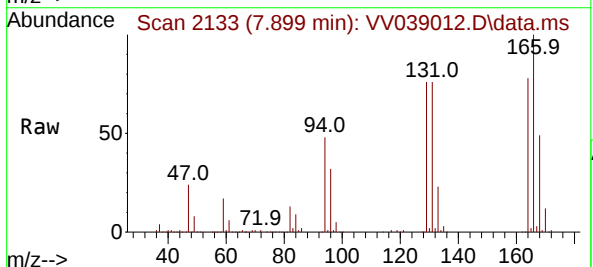
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

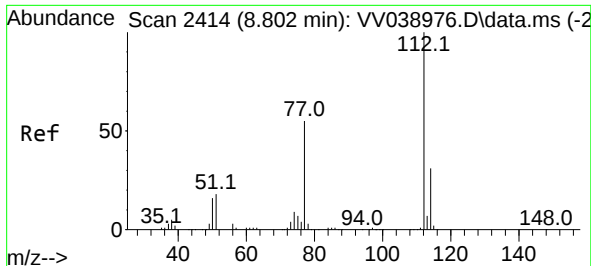
Tgt Ion:117 Resp: 1173343
Ion Ratio Lower Upper
117 100
82 56.4 44.4 66.6
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 17.678 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion:164 Resp: 154340
Ion Ratio Lower Upper
164 100
166 127.8 101.8 152.6
129 96.8 78.7 118.1
131 97.0 75.1 112.7

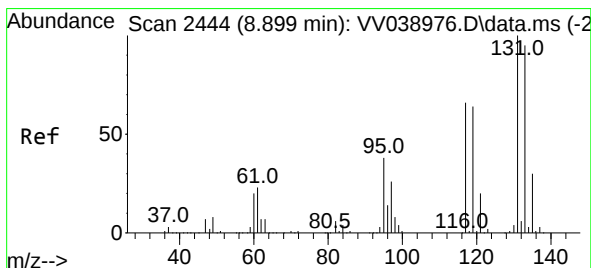
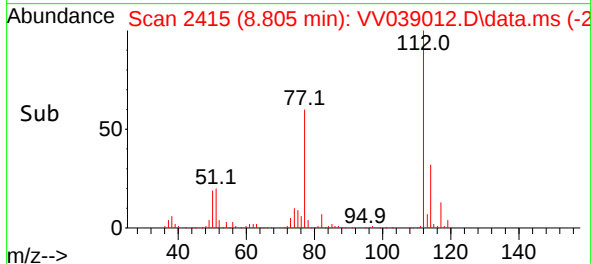
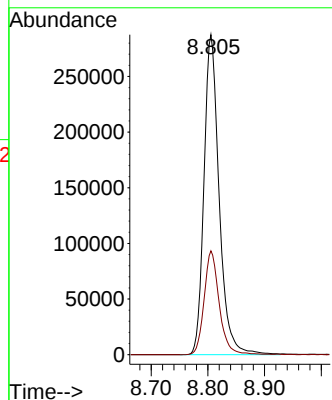
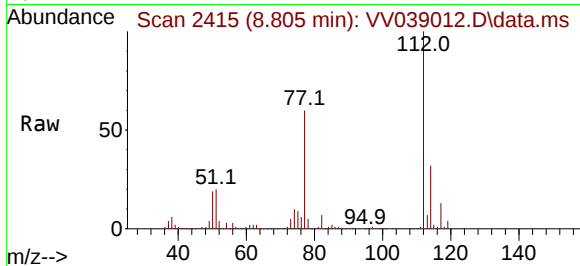




#65
Chlorobenzene
Concen: 18.912 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

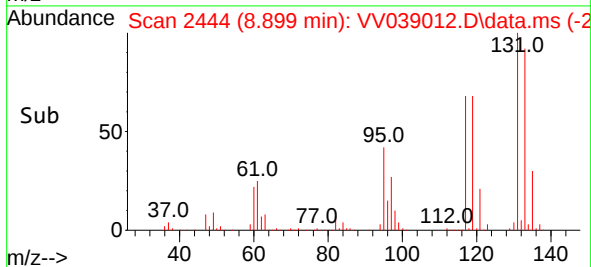
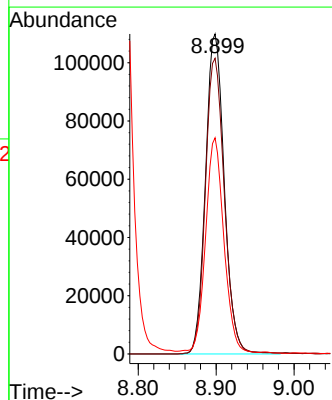
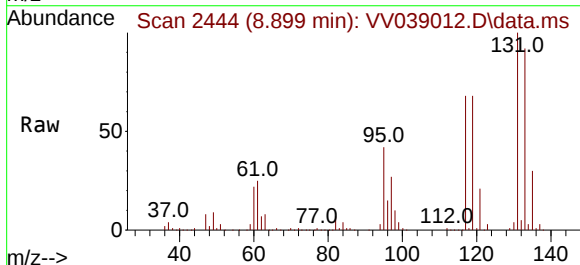
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

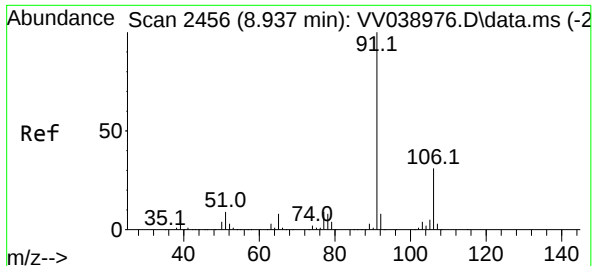
Tgt Ion:112 Resp: 535019
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.185 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion:131 Resp: 184683
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 65.3 32.1 96.3





#67

Ethyl Benzene

Concen: 20.807 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

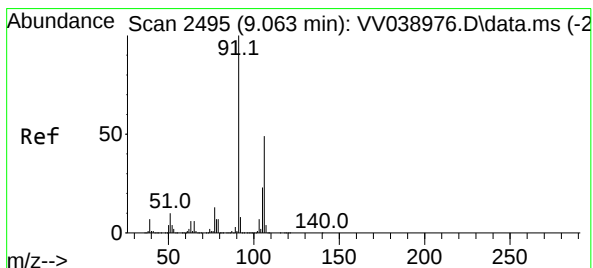
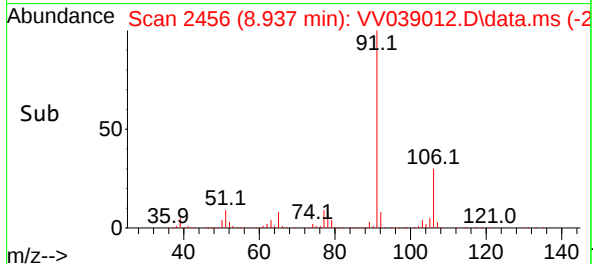
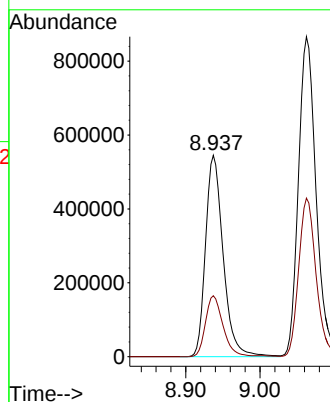
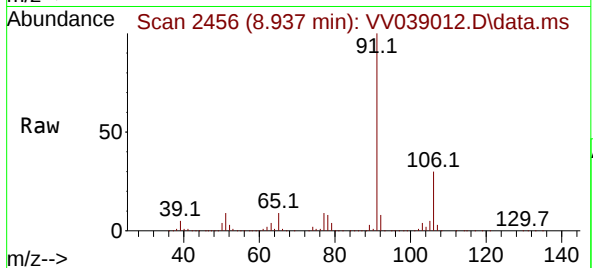
VV0822WBSD01

Tgt Ion: 91 Resp: 898631

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 42.184 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV039012.D

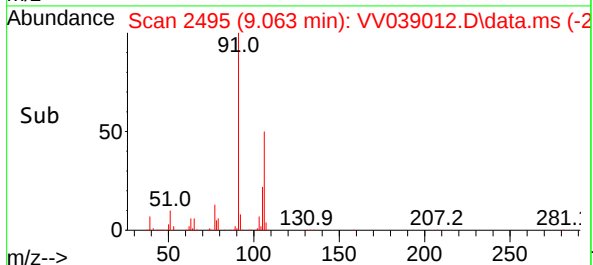
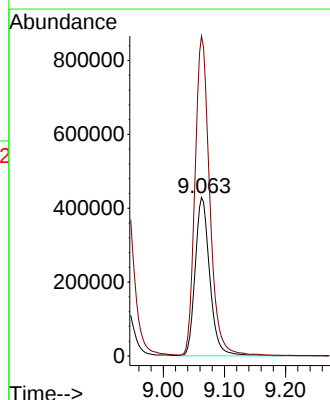
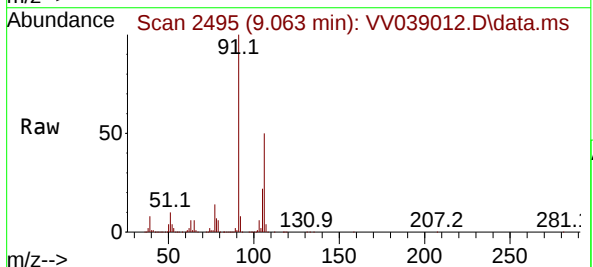
Acq: 22 Aug 2025 11:46

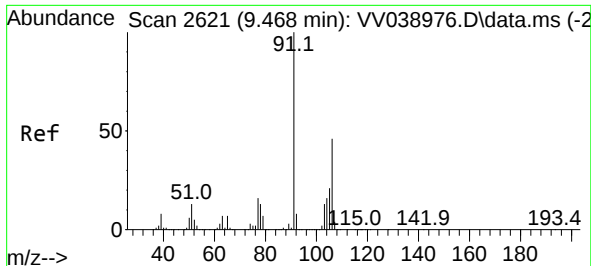
Tgt Ion: 106 Resp: 707552

Ion Ratio Lower Upper

106 100

91 201.9 163.6 245.4

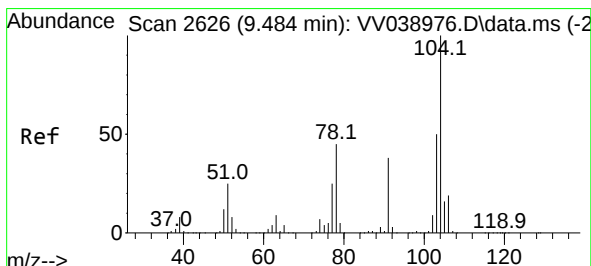
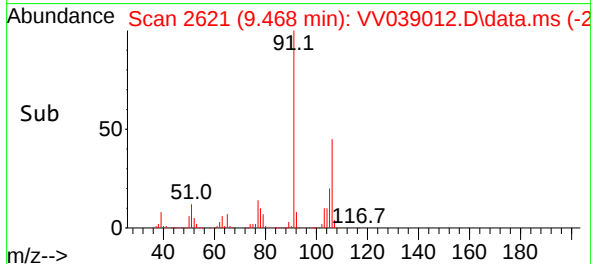
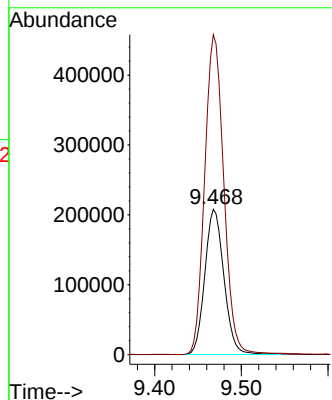
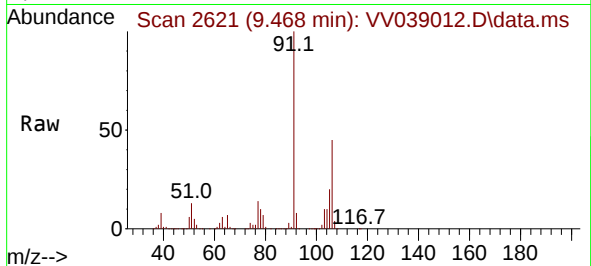




#69
o-Xylene
Concen: 20.870 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

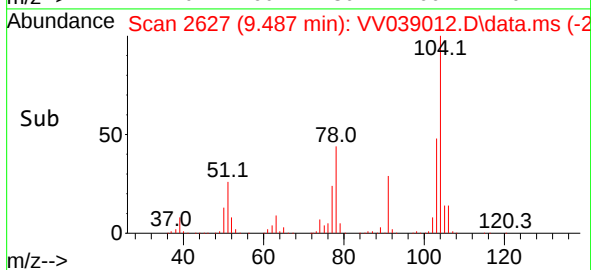
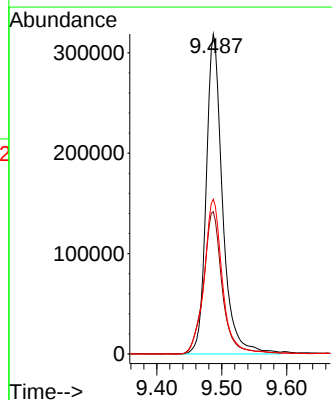
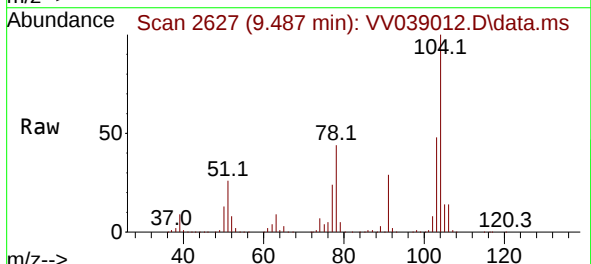
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

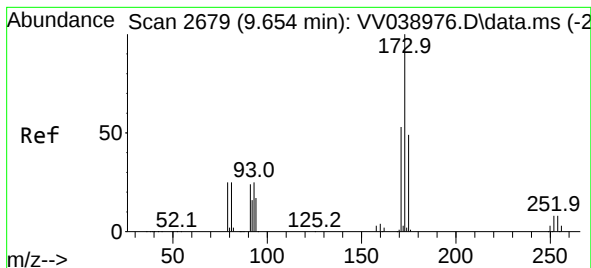
Tgt Ion:106 Resp: 319053
Ion Ratio Lower Upper
106 100
91 220.6 108.0 324.0



#70
Styrene
Concen: 21.309 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion:104 Resp: 558901
Ion Ratio Lower Upper
104 100
78 51.1 39.8 59.8
103 53.9 43.5 65.3





#71

Bromoform

Concen: 17.260 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

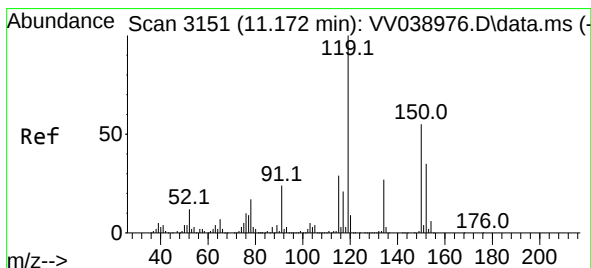
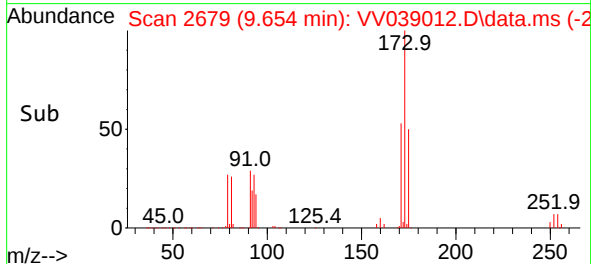
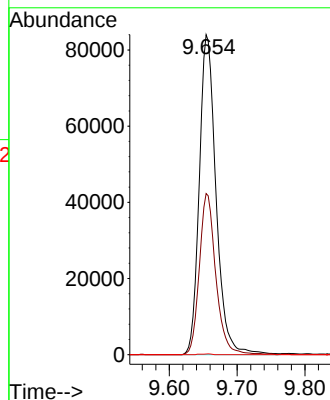
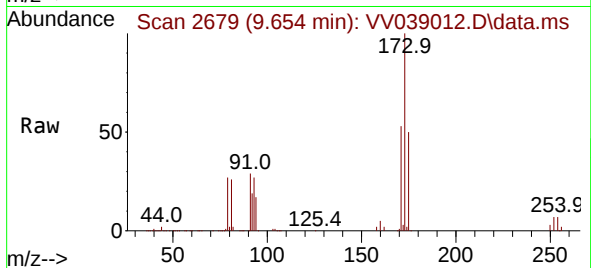
Tgt Ion:173 Resp: 144423

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

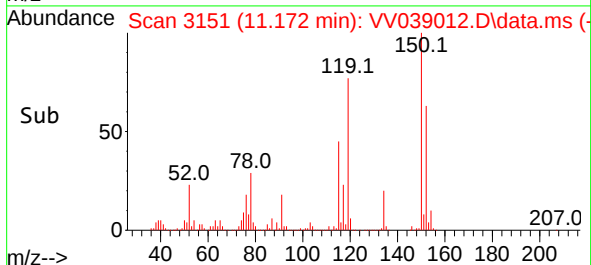
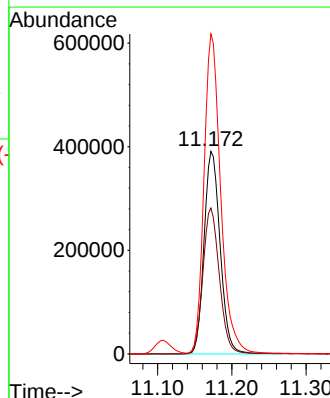
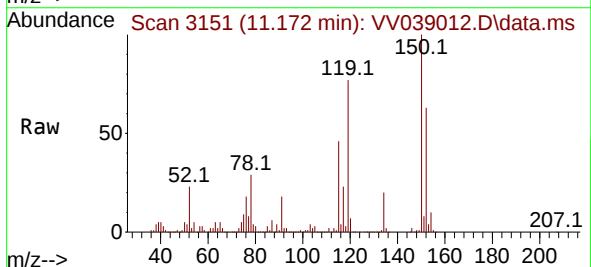
Tgt Ion:152 Resp: 588834

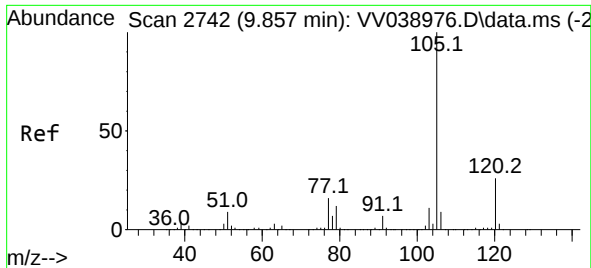
Ion Ratio Lower Upper

152 100

115 73.4 42.5 127.5

150 164.1 0.0 344.8

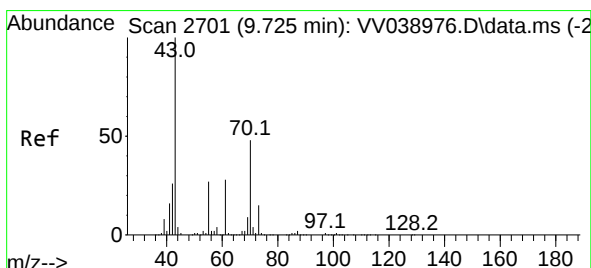
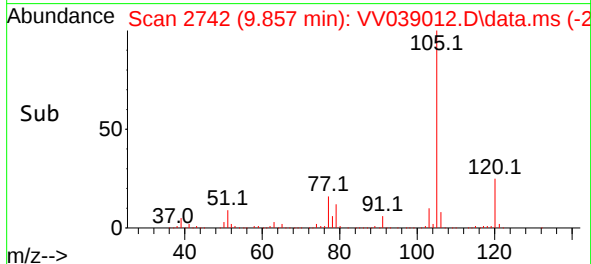
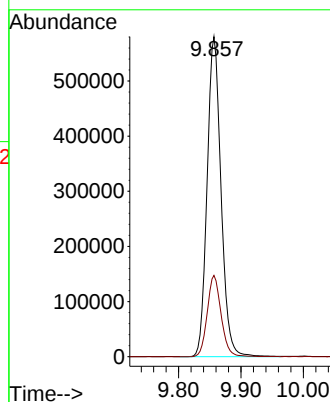
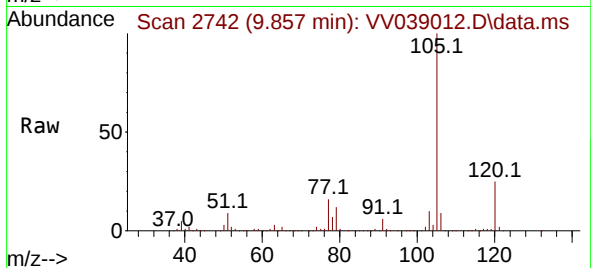




#73
Isopropylbenzene
Concen: 22.777 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

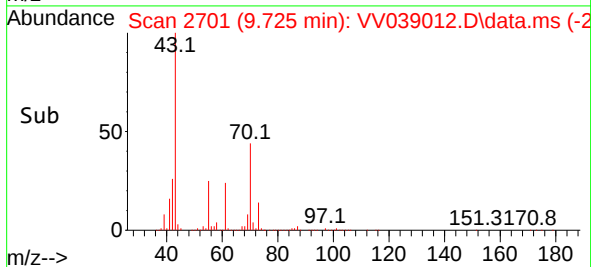
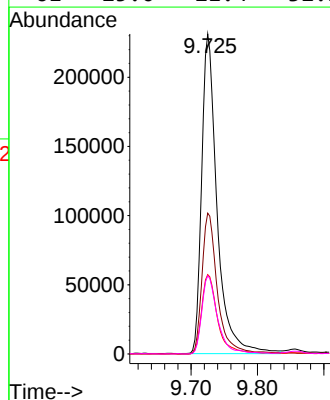
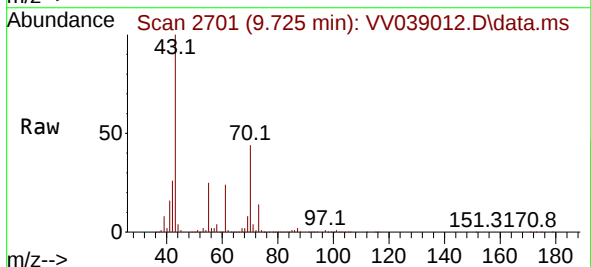
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

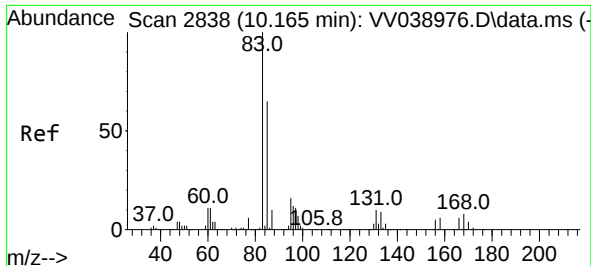
Tgt Ion:105 Resp: 899983
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1



#74
N-ethyl acetate
Concen: 25.817 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 43 Resp: 373733
Ion Ratio Lower Upper
43 100
70 43.7 38.3 57.5
55 25.6 21.6 32.4
61 25.0 21.4 32.2

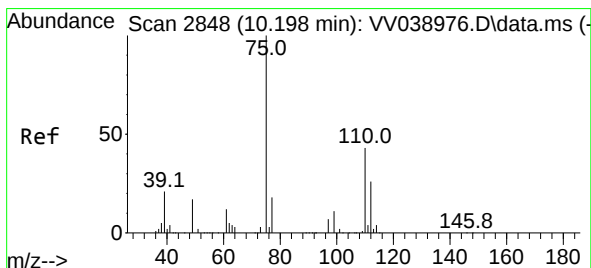
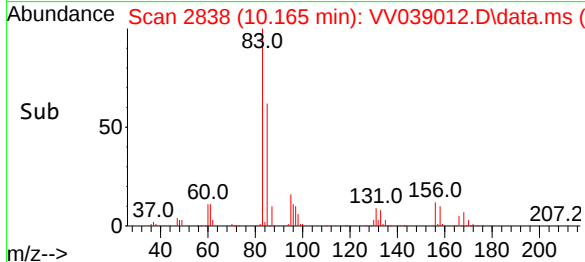
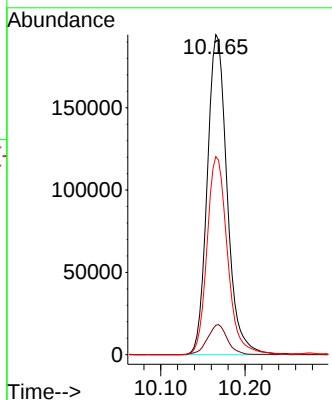
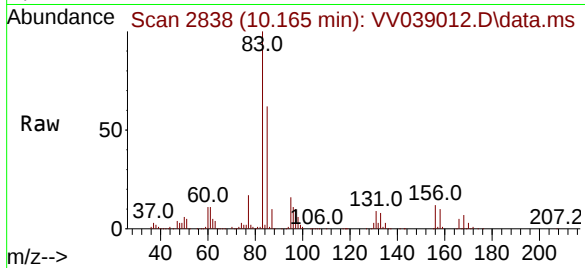




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.344 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

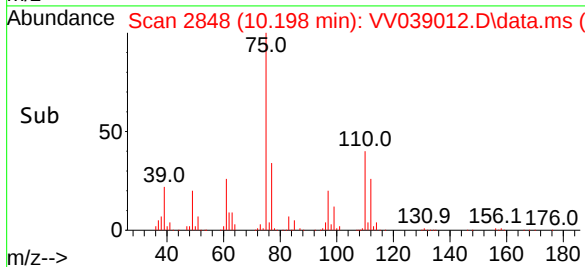
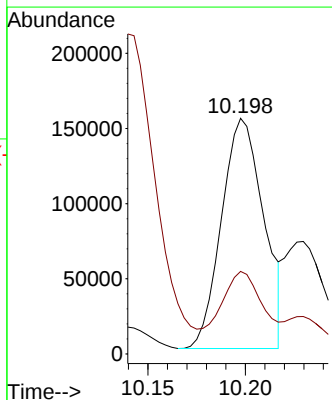
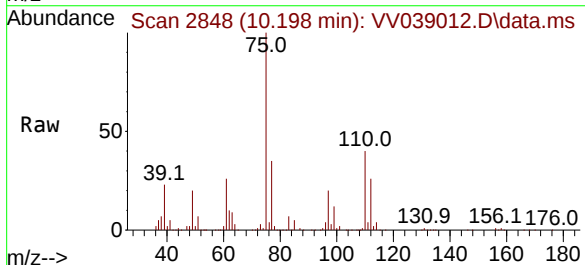
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBSD01

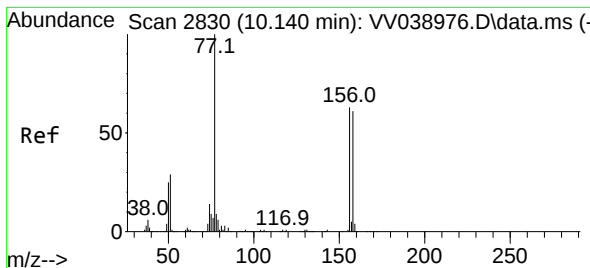
Tgt Ion: 83 Resp: 319236
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.3 15.9
 85 63.7 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 21.142 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

Tgt Ion: 75 Resp: 230911
 Ion Ratio Lower Upper
 75 100
 77 20.9 11.3 33.8





#77

Bromobenzene

Concen: 20.577 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

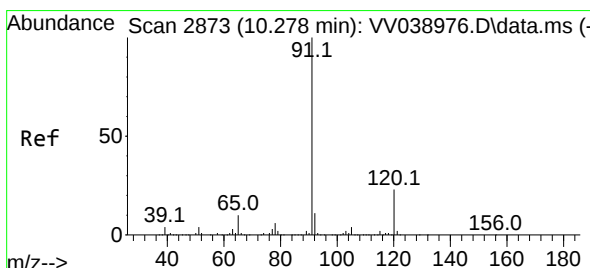
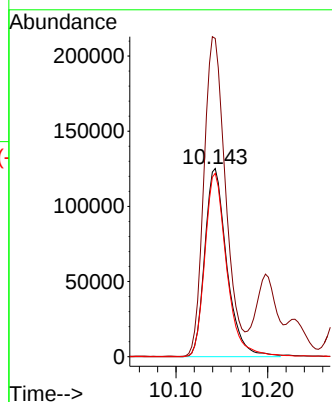
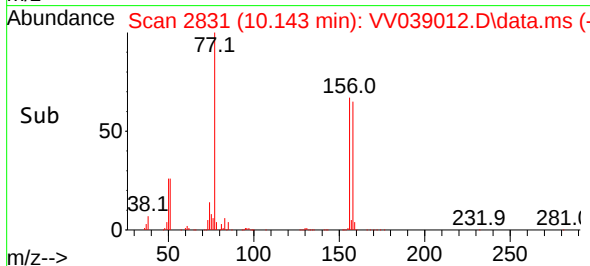
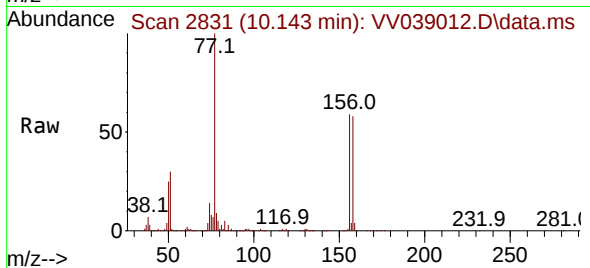
Tgt Ion:156 Resp: 208893

Ion Ratio Lower Upper

156 100

77 167.1 79.0 237.0

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 22.356 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV039012.D

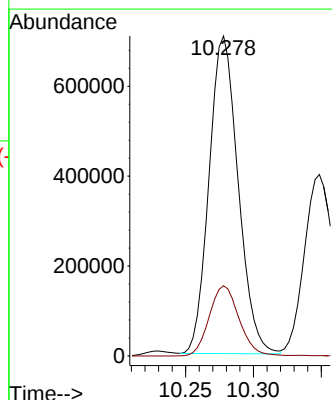
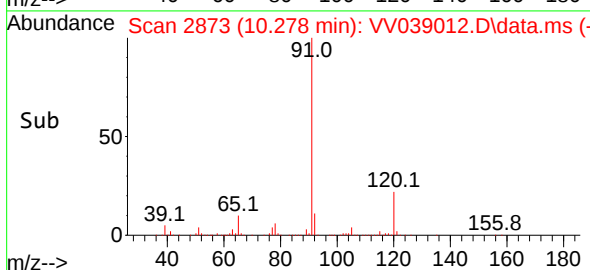
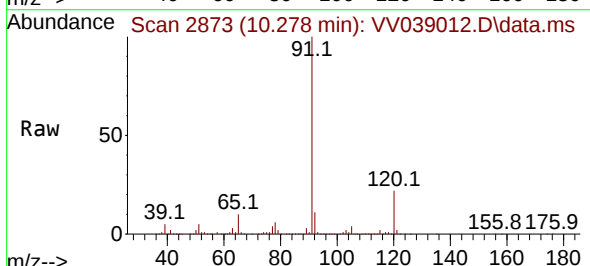
Acq: 22 Aug 2025 11:46

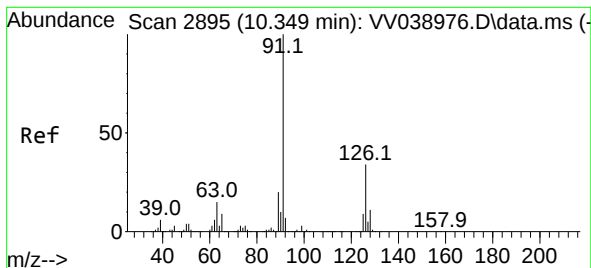
Tgt Ion: 91 Resp: 1054650

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

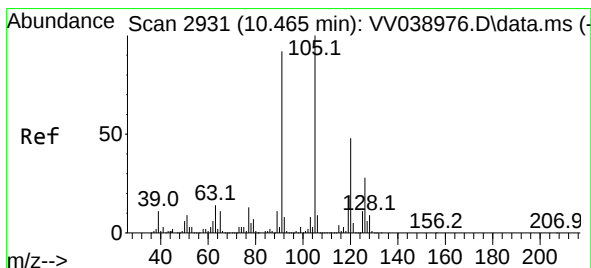
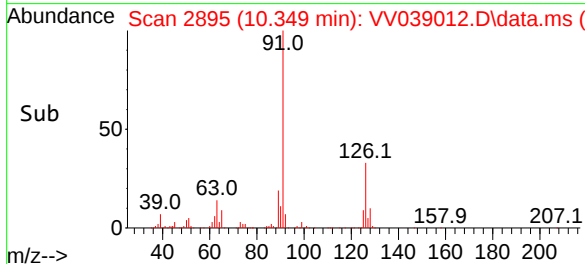
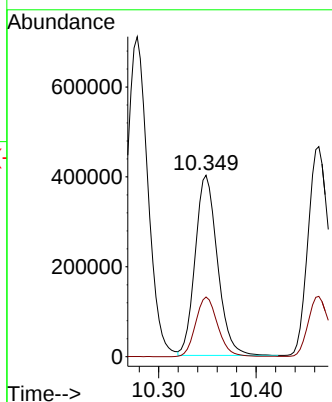
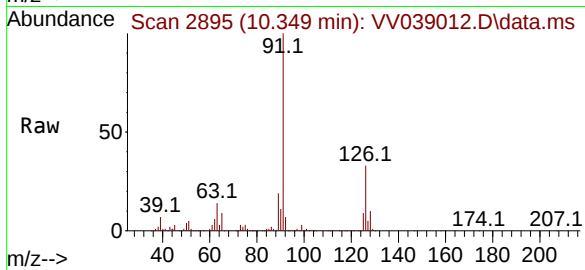




#79
2-Chlorotoluene
Concen: 22.486 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

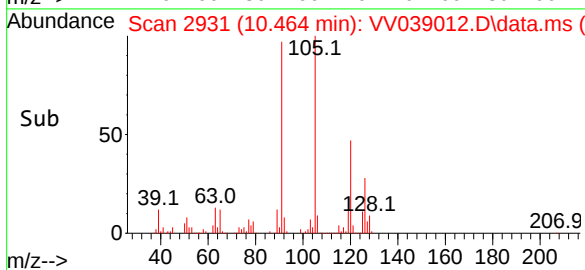
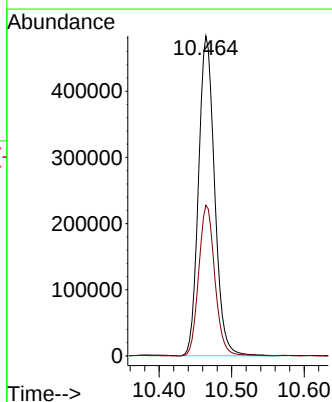
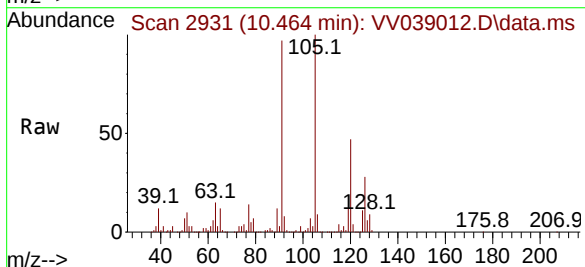
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBSD01

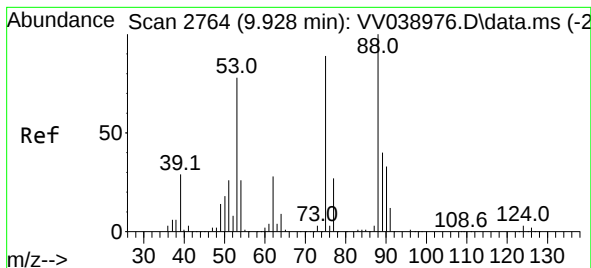
Tgt Ion: 91 Resp: 636918
Ion Ratio Lower Upper
91 100
126 32.9 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 22.361 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039012.D
Acq: 22 Aug 2025 11:46

Tgt Ion: 105 Resp: 743547
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.7

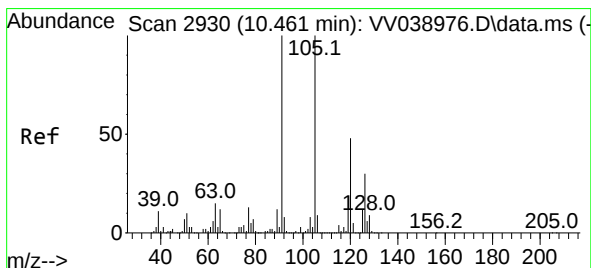
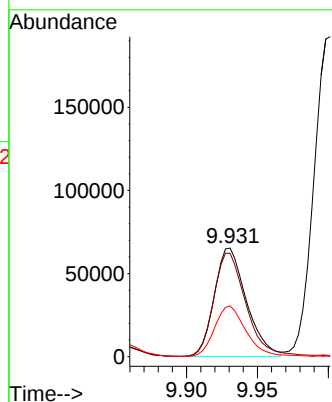
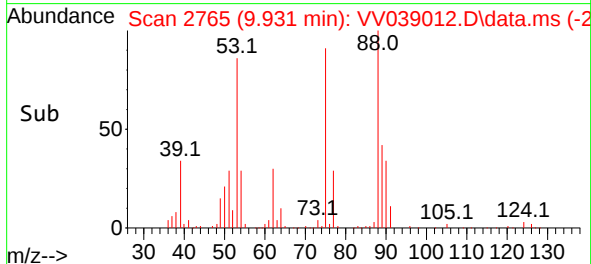
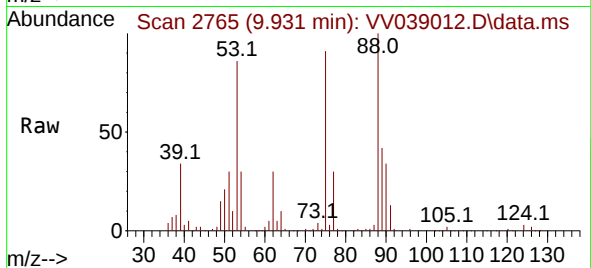




#81
 trans-1,4-Dichloro-2-butene
 Concen: 21.445 ug/l
 RT: 9.931 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

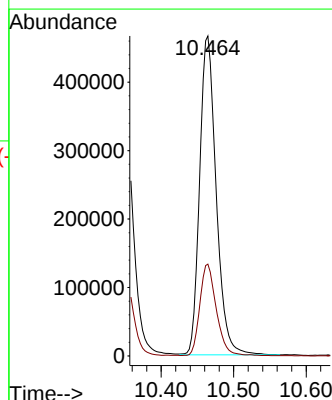
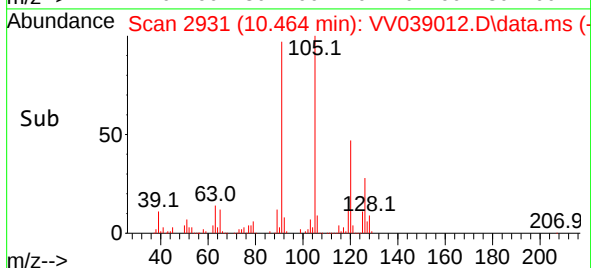
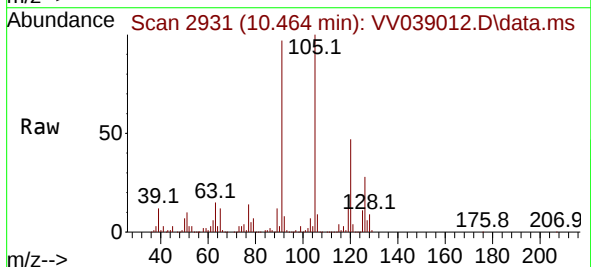
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBSD01

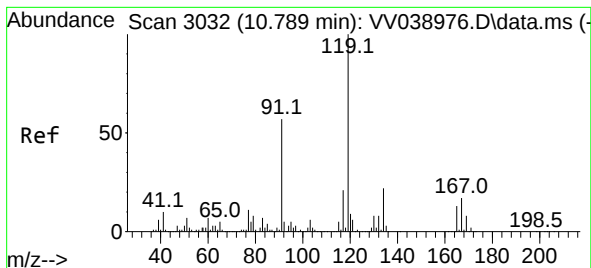
Tgt Ion: 75 Resp: 102020
 Ion Ratio Lower Upper
 75 100
 53 96.5 70.3 105.5
 89 46.6 37.9 56.9



#82
 4-Chlorotoluene
 Concen: 22.584 ug/l
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.003 min
 Lab File: VV039012.D
 Acq: 22 Aug 2025 11:46

Tgt Ion: 91 Resp: 737304
 Ion Ratio Lower Upper
 91 100
 126 28.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 21.926 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

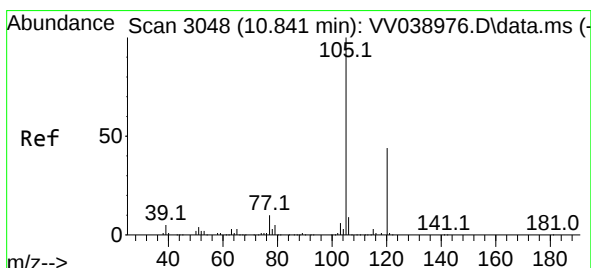
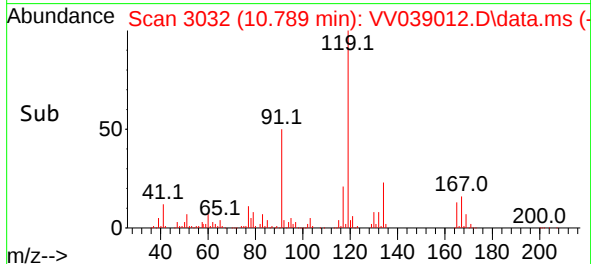
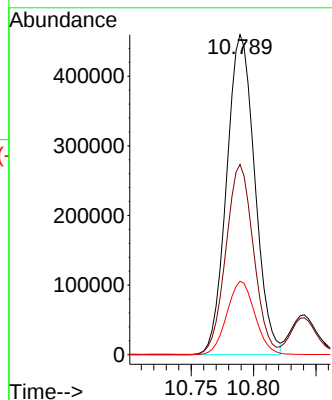
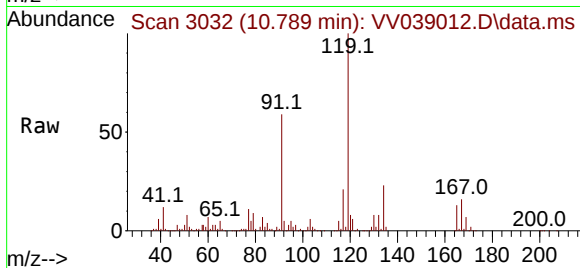
Tgt Ion:119 Resp: 723954

Ion Ratio Lower Upper

119 100

91 58.1 28.4 85.3

134 22.9 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 23.020 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV039012.D

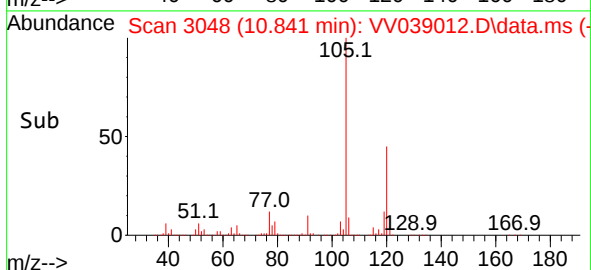
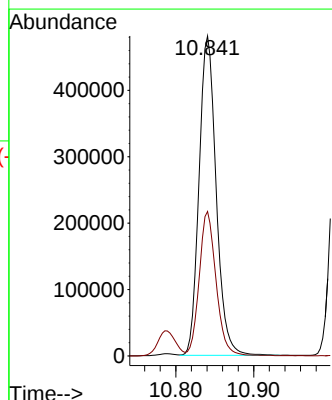
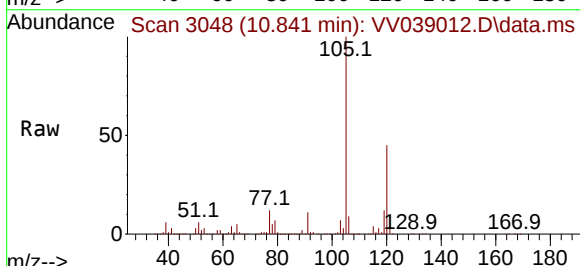
Acq: 22 Aug 2025 11:46

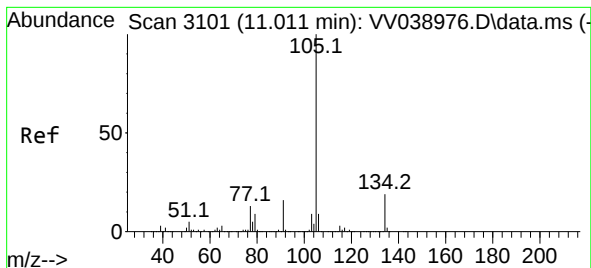
Tgt Ion:105 Resp: 732537

Ion Ratio Lower Upper

105 100

120 44.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 22.459 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

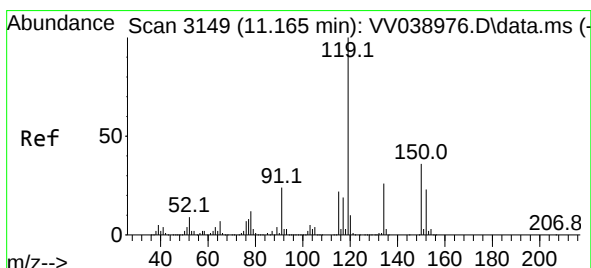
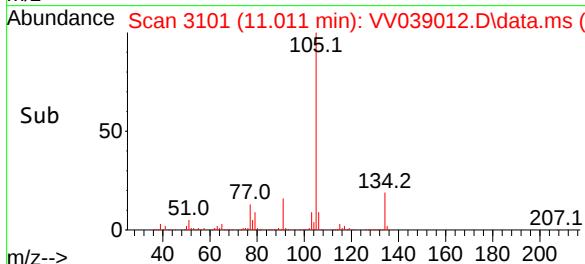
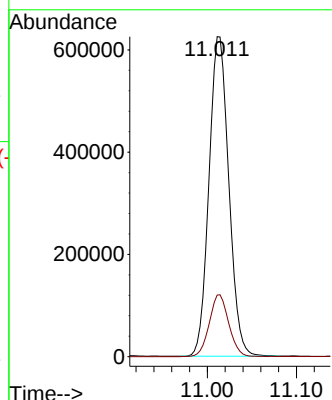
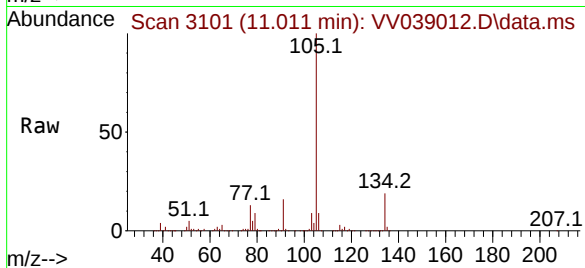
VV0822WBSD01

Tgt Ion:105 Resp: 964386

Ion Ratio Lower Upper

105 100

134 19.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 21.990 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

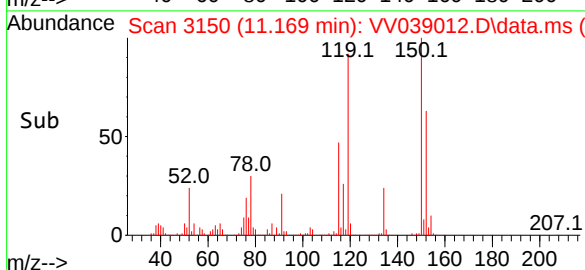
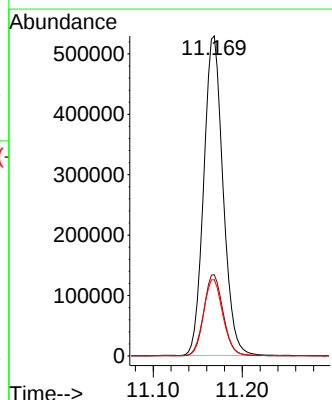
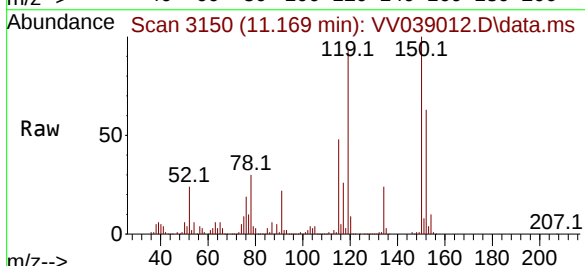
Tgt Ion:119 Resp: 795192

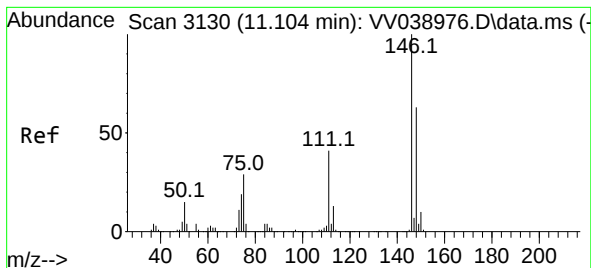
Ion Ratio Lower Upper

119 100

134 25.2 13.0 38.9

91 24.0 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.005 ug/l

RT: 11.107 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

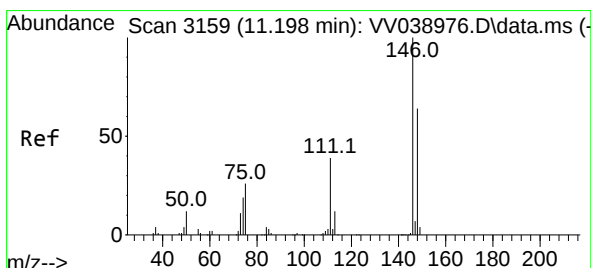
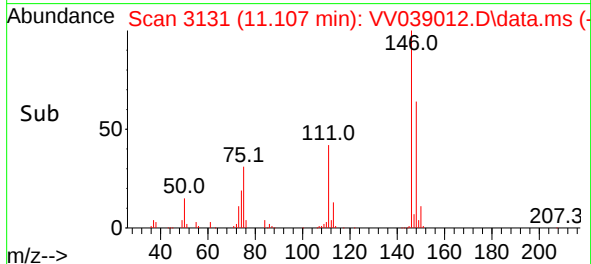
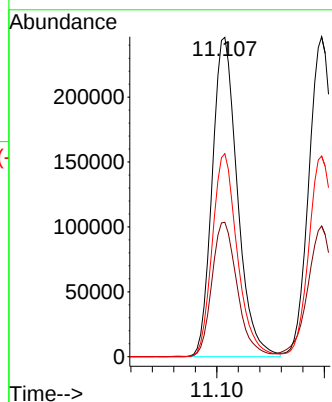
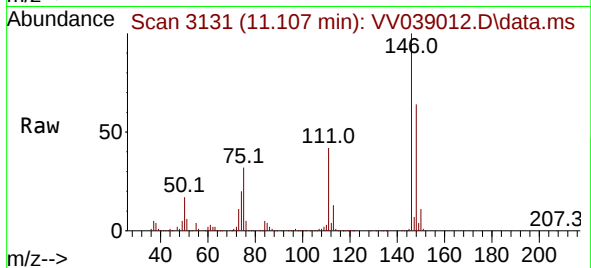
Tgt Ion:146 Resp: 401033

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.6

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.555 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

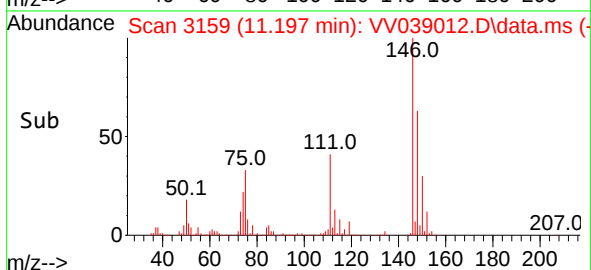
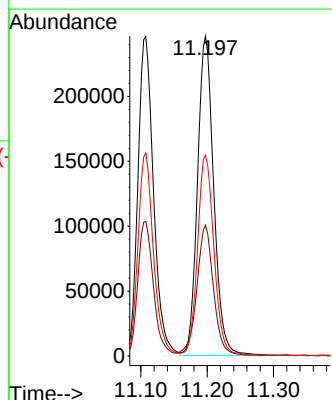
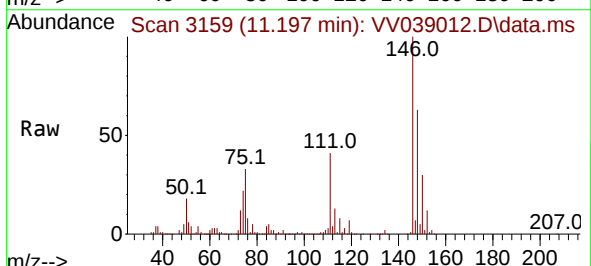
Tgt Ion:146 Resp: 418160

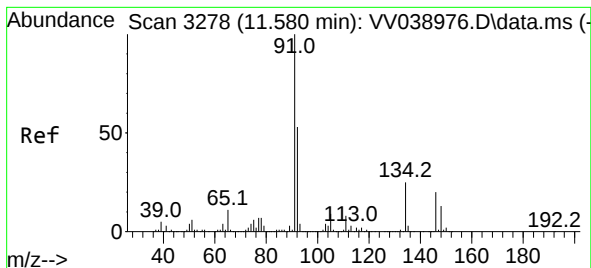
Ion Ratio Lower Upper

146 100

111 41.5 20.0 60.0

148 63.7 31.8 95.3





#89

n-Butylbenzene

Concen: 21.123 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

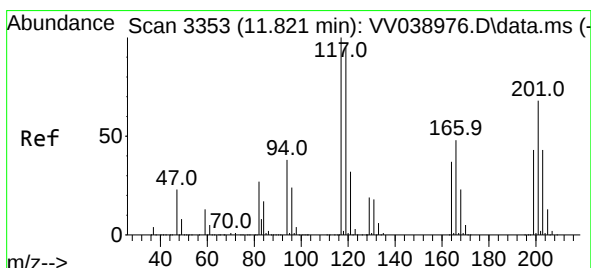
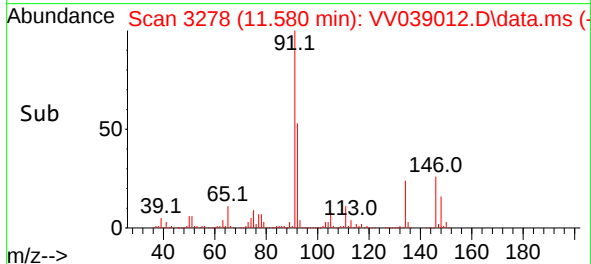
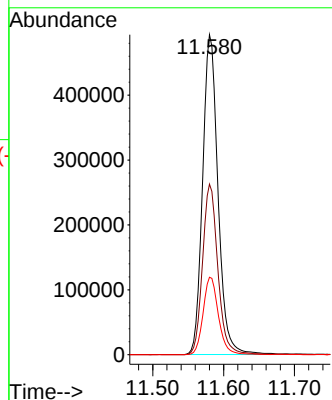
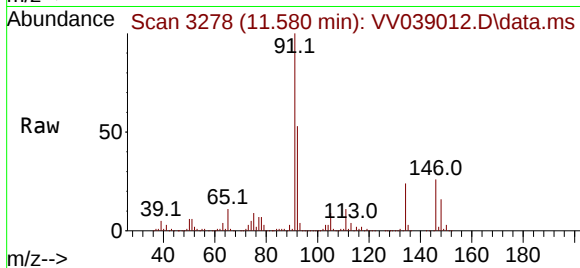
Tgt Ion: 91 Resp: 744194

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 24.1 12.6 37.8



#90

Hexachloroethane

Concen: 17.595 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV039012.D

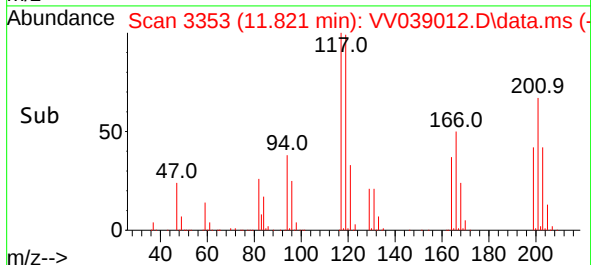
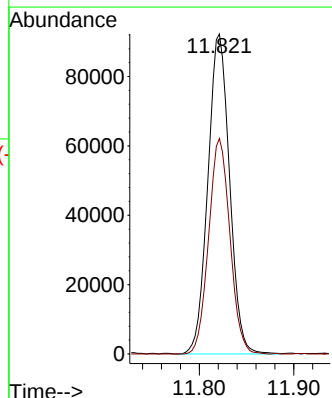
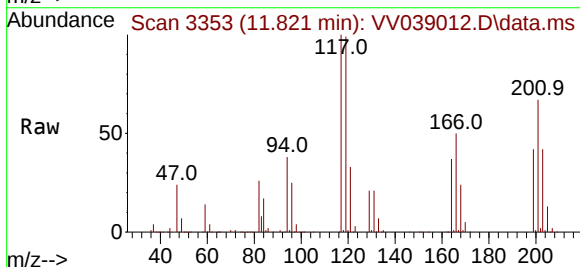
Acq: 22 Aug 2025 11:46

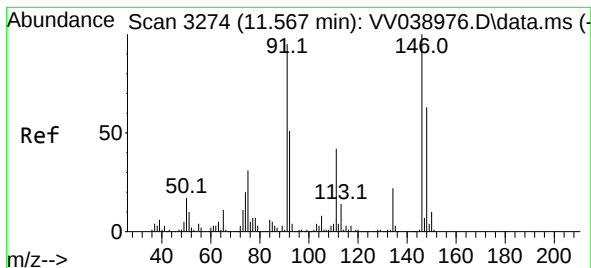
Tgt Ion: 117 Resp: 147045

Ion Ratio Lower Upper

117 100

201 66.0 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 20.165 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039012.D

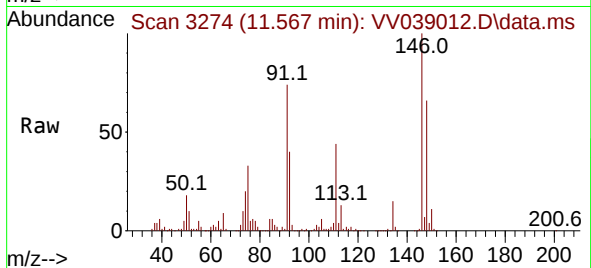
Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01



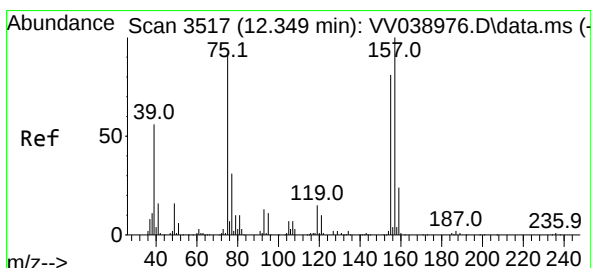
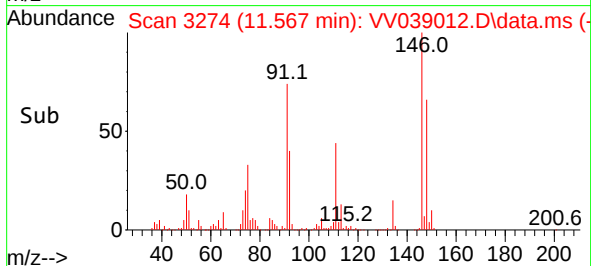
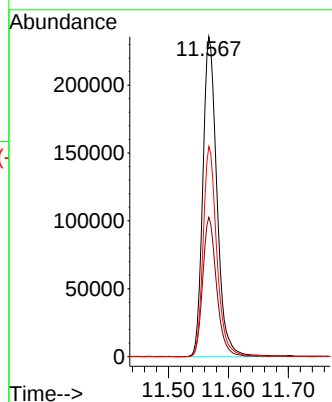
Tgt Ion:146 Resp: 385445

Ion Ratio Lower Upper

146 100

111 43.0 21.1 63.4

148 63.7 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.470 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

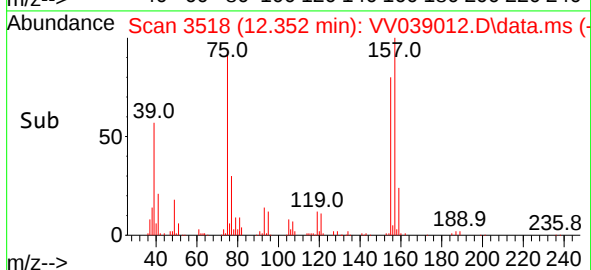
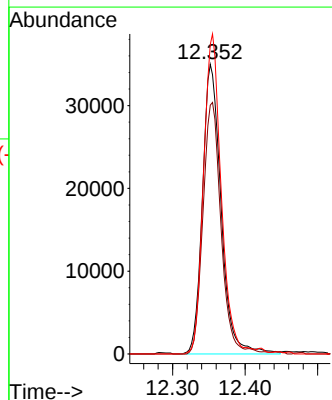
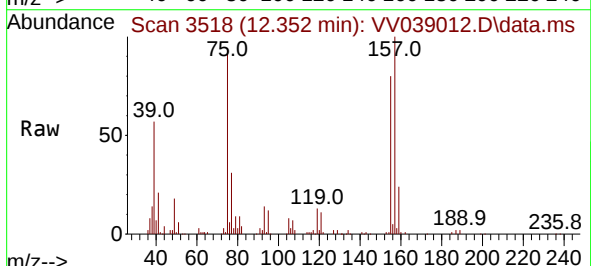
Tgt Ion: 75 Resp: 62474

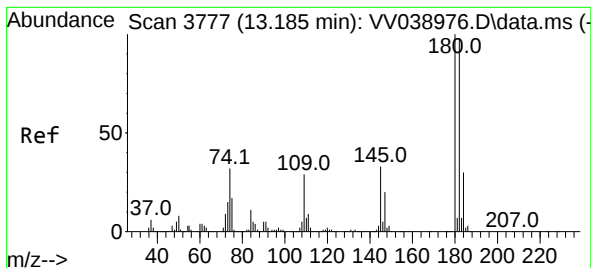
Ion Ratio Lower Upper

75 100

155 83.0 43.7 131.1

157 105.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.359 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

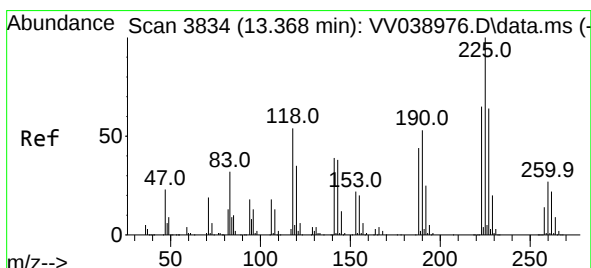
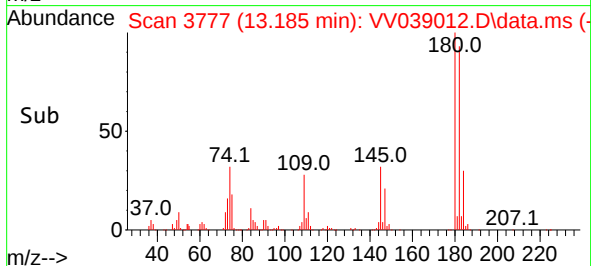
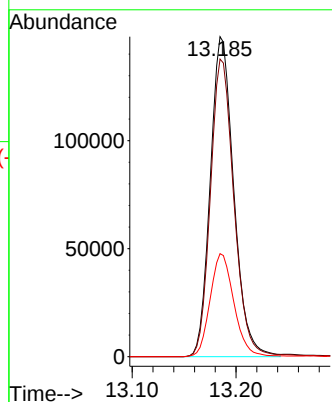
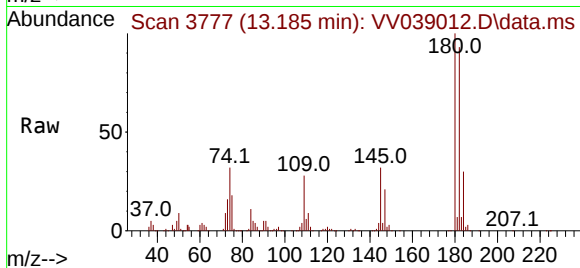
Tgt Ion:180 Resp: 232225

Ion Ratio Lower Upper

180 100

182 93.7 47.3 142.0

145 32.7 16.3 48.8



#94

Hexachlorobutadiene

Concen: 17.036 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

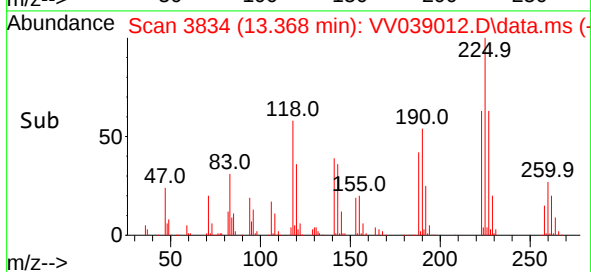
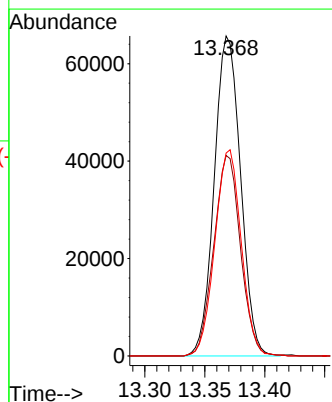
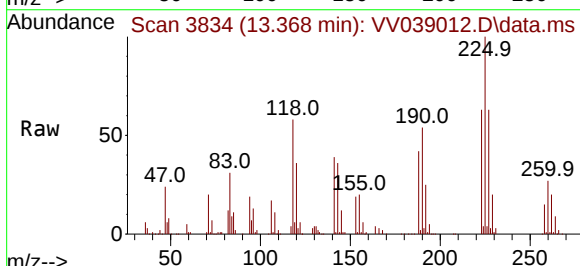
Tgt Ion:225 Resp: 100176

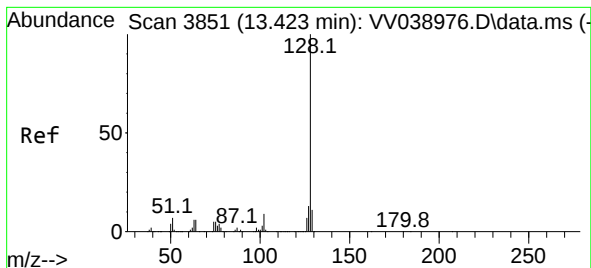
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.7

227 64.7 30.8 92.3





#95

Naphthalene

Concen: 22.604 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBSD01

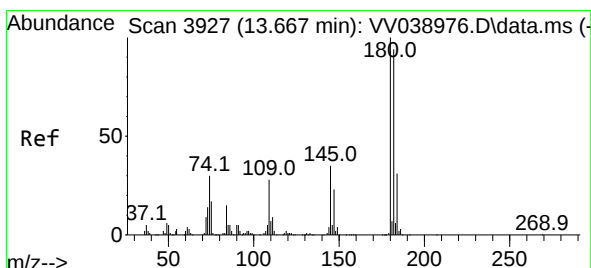
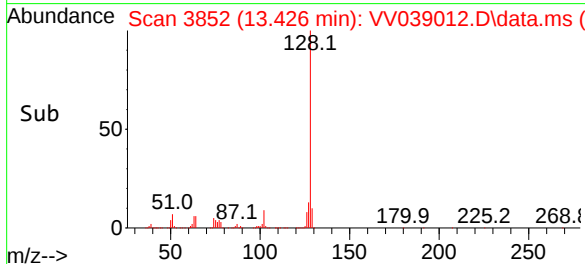
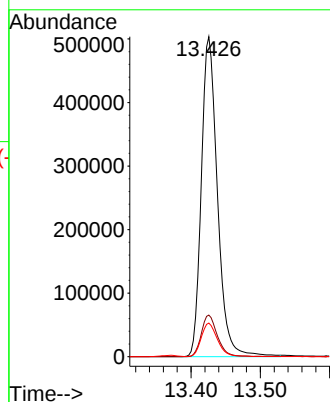
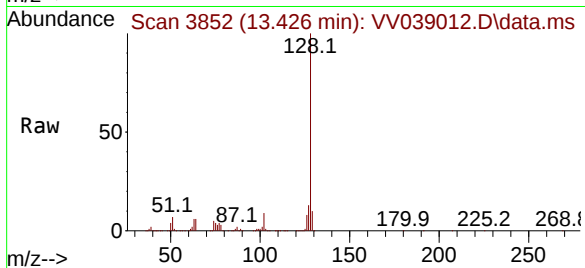
Tgt Ion:128 Resp: 813652

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.4 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 21.008 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV039012.D

Acq: 22 Aug 2025 11:46

Tgt Ion:180 Resp: 241620

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.0

145 33.8 17.3 52.0

