

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039011.D
 Acq On : 22 Aug 2025 11:22
 Operator : SY/MD
 Sample : VV0822WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBS01

Quant Time: Aug 25 02:20:06 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	711068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1223613	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1111109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	587275	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.940	65	483673	48.476	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	96.960%
35) Dibromofluoromethane	4.500	113	422239	46.013	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.020%
50) Toluene-d8	7.233	98	1481838	46.309	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.620%
62) 4-Bromofluorobenzene	10.001	95	567460	48.476	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	96.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	169776	15.972	ug/l	97
3) Chloromethane	1.230	50	172603	15.720	ug/l	99
4) Vinyl Chloride	1.297	62	193558	16.707	ug/l	100
5) Bromomethane	1.497	94	120281	19.211	ug/l	100
6) Chloroethane	1.561	64	125697	21.292	ug/l	99
7) Trichlorofluoromethane	1.725	101	297228	18.728	ug/l	99
8) Diethyl Ether	1.918	74	112981	23.148	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.079	101	176458	20.142	ug/l	93
10) Methyl Iodide	2.198	142	153289	14.064	ug/l	95
11) Tert butyl alcohol	2.564	59	178290	132.025	ug/l	98
12) 1,1-Dichloroethene	2.082	96	174867	21.668	ug/l	91
13) Acrolein	2.008	56	58001	123.317	ug/l	94
14) Allyl chloride	2.359	41	291036	27.010	ug/l	89
15) Acrylonitrile	2.674	53	503757	123.435	ug/l	99
16) Acetone	2.117	43	487976	121.856	ug/l	100
17) Carbon Disulfide	2.252	76	498125	22.192	ug/l	100
18) Methyl Acetate	2.381	43	227939	26.855	ug/l	93
19) Methyl tert-butyl Ether	2.709	73	563864	23.630	ug/l	95
20) Methylene Chloride	2.458	84	192590	20.695	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	182719	21.738	ug/l	96
22) Diisopropyl ether	3.211	45	563676	23.827	ug/l	87
23) Vinyl Acetate	3.188	43	2299864	121.158	ug/l	96
24) 1,1-Dichloroethane	3.121	63	325550	20.774	ug/l	98
25) 2-Butanone	3.863	43	626272	120.198	ug/l	97
26) 2,2-Dichloropropane	3.809	77	288865	19.216	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	212380	20.934	ug/l	97
28) Bromochloromethane	4.146	49	82546	25.098	ug/l	81
29) Tetrahydrofuran	4.233	42	420322	120.849	ug/l	90
30) Chloroform	4.278	83	342387	19.119	ug/l	96
31) Cyclohexane	4.584	56	298623	21.358	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	298314	17.731	ug/l	98
36) 1,1-Dichloropropene	4.747	75	225102	18.889	ug/l	96
37) Ethyl Acetate	3.976	43	246414	21.163	ug/l	96
38) Carbon Tetrachloride	4.735	117	256830	16.093	ug/l	99
39) Methylcyclohexane	6.046	83	301335	19.789	ug/l	96
40) Benzene	5.011	78	723728	19.390	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	95640	21.798	ug/l #	95
42) 1,2-Dichloroethane	5.040	62	238424	17.472	ug/l	97
43) Isopropyl Acetate	5.191	43	383313	21.576	ug/l	96
44) Trichloroethene	5.834	130	178522	17.632	ug/l	91
45) 1,2-Dichloropropane	6.088	63	174907	19.539	ug/l	99
46) Dibromomethane	6.227	93	132040	17.579	ug/l	96
47) Bromodichloromethane	6.426	83	269457	17.627	ug/l	99
48) Methyl methacrylate	6.297	41	173885	21.834	ug/l	92
49) 1,4-Dioxane	6.291	88	64079	481.212	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	1295308	111.041	ug/l	97
52) Toluene	7.307	92	464422	19.646	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	268515	18.789	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	297722	20.107	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	181577	17.617	ug/l	99
56) Ethyl methacrylate	7.715	69	259746	17.539	ug/l	97
57) 1,3-Dichloropropane	7.934	76	300100	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	728562	105.659	ug/l	94
59) 2-Hexanone	8.062	43	939591	85.593	ug/l	100
60) Dibromochloromethane	8.165	129	208554	16.757	ug/l	100
61) 1,2-Dibromoethane	8.275	107	195674	18.299	ug/l	100
64) Tetrachloroethene	7.899	164	151467	18.320	ug/l	98
65) Chlorobenzene	8.805	112	504227	18.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	177471	18.454	ug/l	98
67) Ethyl Benzene	8.937	91	845777	20.681	ug/l	100
68) m/p-Xylenes	9.062	106	650761	40.971	ug/l	99
69) o-Xylene	9.468	106	301415	20.820	ug/l	97
70) Styrene	9.487	104	531727	21.408	ug/l	100
71) Bromoform	9.654	173	140378	17.716	ug/l #	97
73) Isopropylbenzene	9.857	105	848803	21.539	ug/l	100
74) N-amyl acetate	9.725	43	328035	22.720	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	290305	18.549	ug/l	98
76) 1,2,3-Trichloropropane	10.197	75	215047	19.741	ug/l	97
77) Bromobenzene	10.143	156	199933	19.746	ug/l	97
78) n-propylbenzene	10.278	91	994866	21.144	ug/l	100
79) 2-Chlorotoluene	10.349	91	596013	21.098	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	705518	21.274	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	95539	20.136	ug/l	97
82) 4-Chlorotoluene	10.464	91	689787	21.185	ug/l	99
83) tert-Butylbenzene	10.789	119	710863	21.587	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	715608	22.548	ug/l	98
85) sec-Butylbenzene	11.011	105	945306	22.073	ug/l	99
86) p-Isopropyltoluene	11.168	119	771372	21.388	ug/l	100
87) 1,3-Dichlorobenzene	11.107	146	391168	19.565	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	399628	18.738	ug/l	98
89) n-Butylbenzene	11.580	91	730918	20.801	ug/l	99
90) Hexachloroethane	11.821	117	149961	17.991	ug/l	93
91) 1,2-Dichlorobenzene	11.567	146	370771	19.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	64378	21.150	ug/l	88
93) 1,2,4-Trichlorobenzene	13.184	180	226476	19.908	ug/l	99
94) Hexachlorobutadiene	13.371	225	101272	17.268	ug/l	98
95) Naphthalene	13.426	128	788574	21.965	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	227696	19.850	ug/l	100

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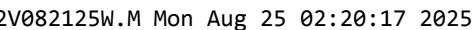
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

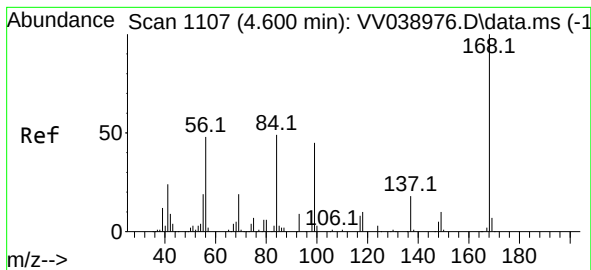
Quant Time: Aug 25 02:20:06 2025
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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 :

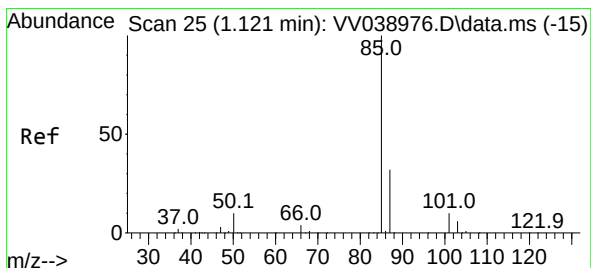
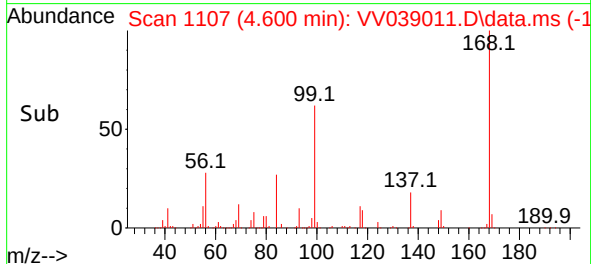
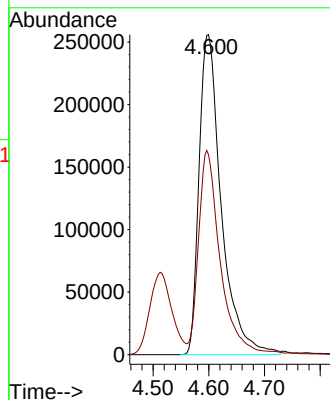
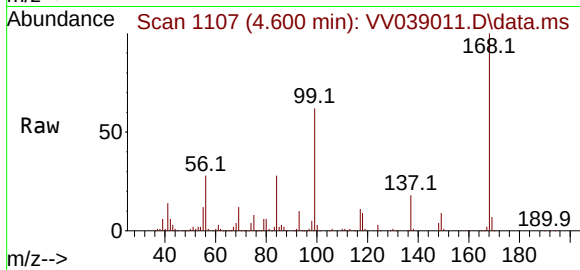
VV0822WBS01

Tgt Ion:168 Resp: 711068

Ion Ratio Lower Upper

168 100

99 61.7 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 15.972 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039011.D

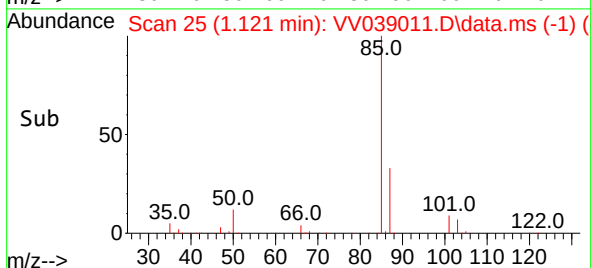
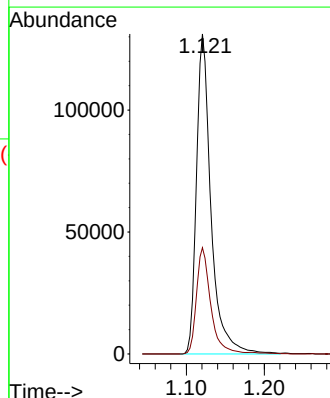
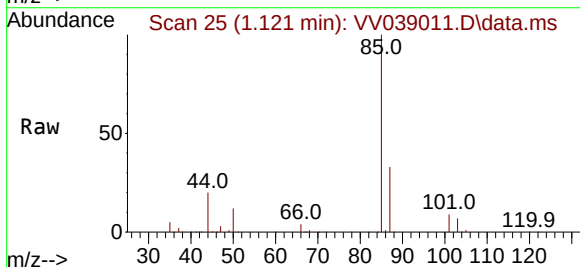
Acq: 22 Aug 2025 11:22

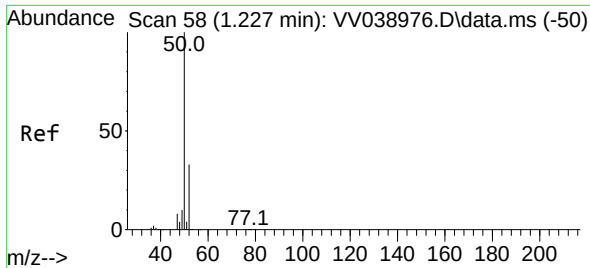
Tgt Ion: 85 Resp: 169776

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.3

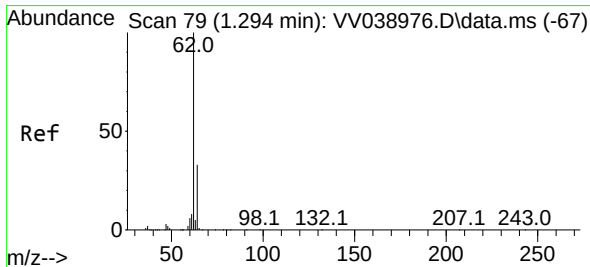
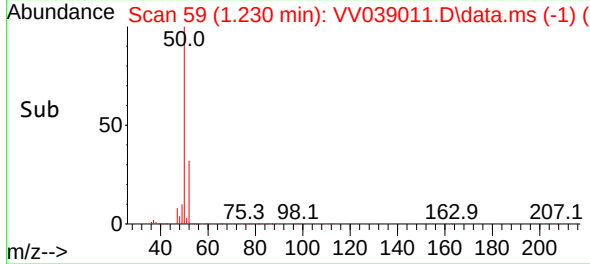
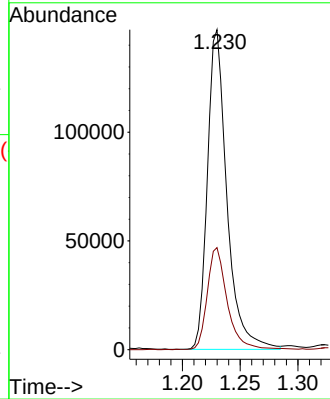
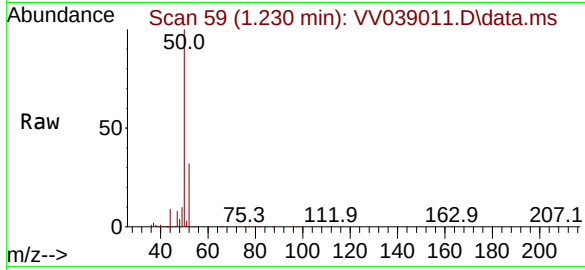




#3
Chloromethane
Concen: 15.720 ug/l
RT: 1.230 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV039011.D
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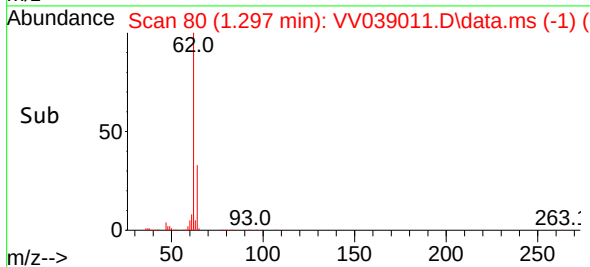
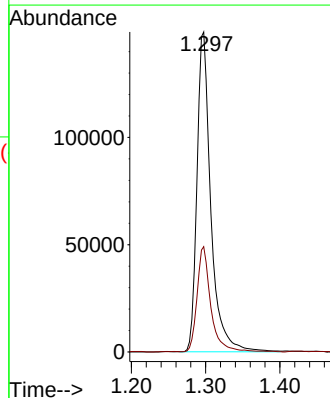
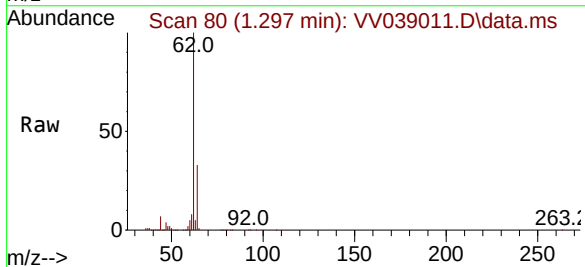
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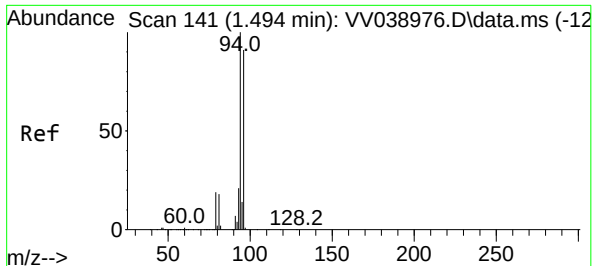
Tgt Ion: 50 Resp: 172603
Ion Ratio Lower Upper
50 100
52 31.9 26.2 39.2



#4
Vinyl Chloride
Concen: 16.707 ug/l
RT: 1.297 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 62 Resp: 193558
Ion Ratio Lower Upper
62 100
64 32.9 26.4 39.6

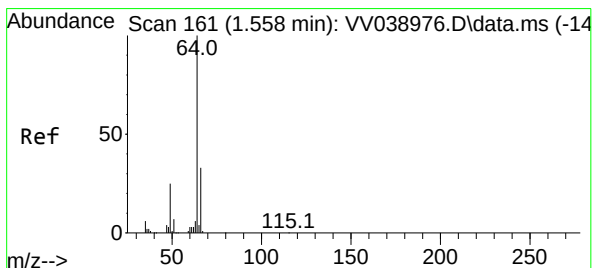
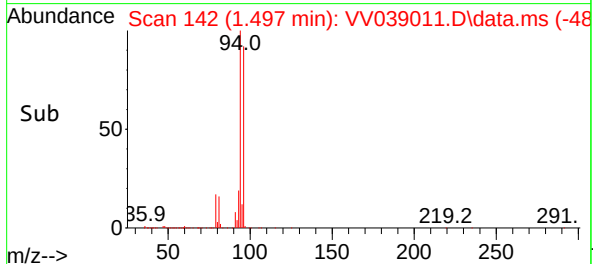
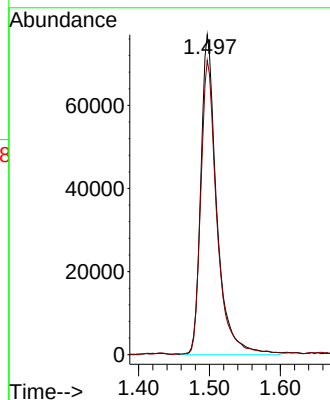
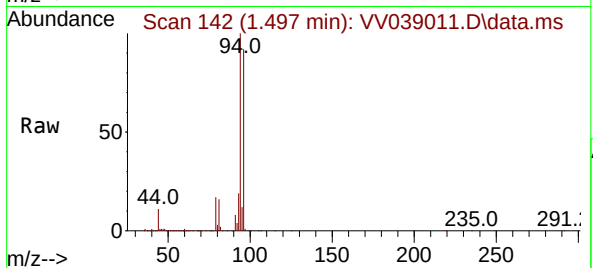




#5
Bromomethane
Concen: 19.211 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

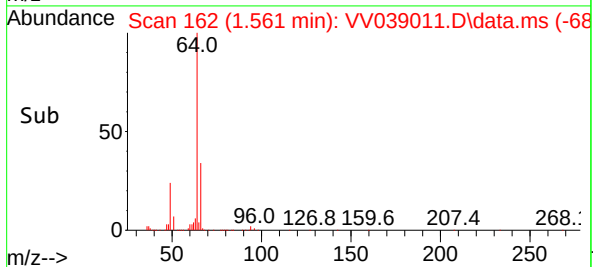
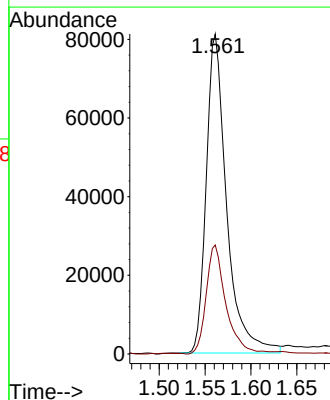
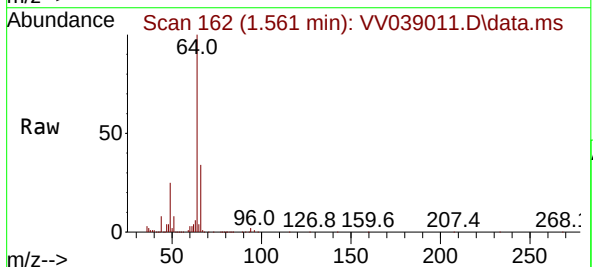
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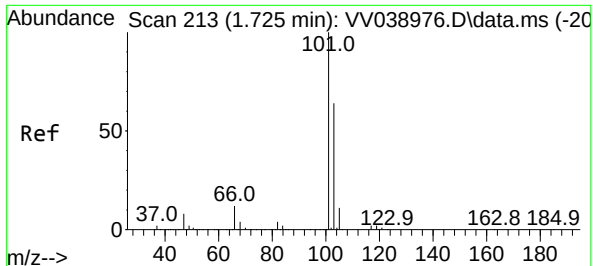
Tgt Ion: 94 Resp: 120281
Ion Ratio Lower Upper
94 100
96 91.7 73.1 109.7



#6
Chloroethane
Concen: 21.292 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 64 Resp: 125697
Ion Ratio Lower Upper
64 100
66 34.0 26.8 40.2

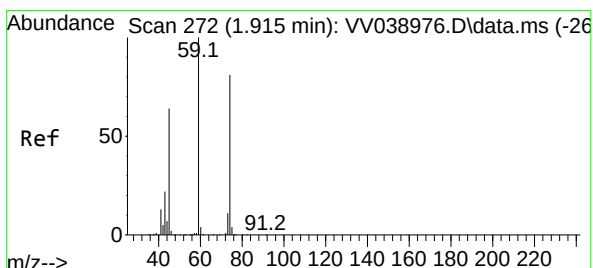
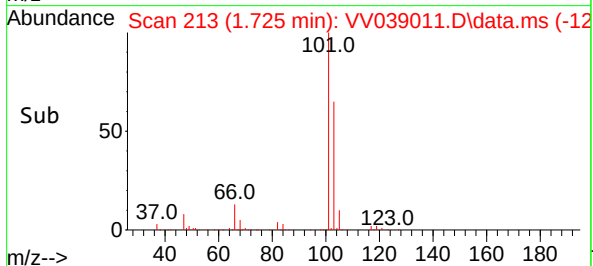
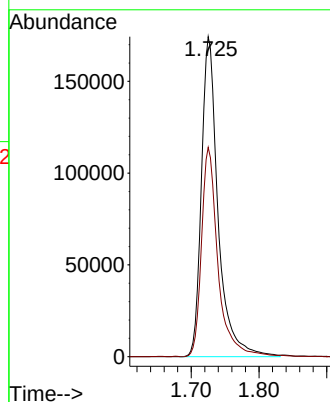
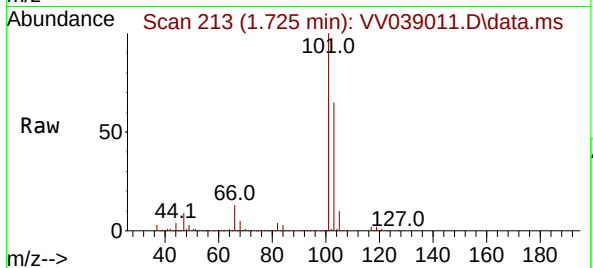




#7
Trichlorofluoromethane
Concen: 18.728 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039011.D
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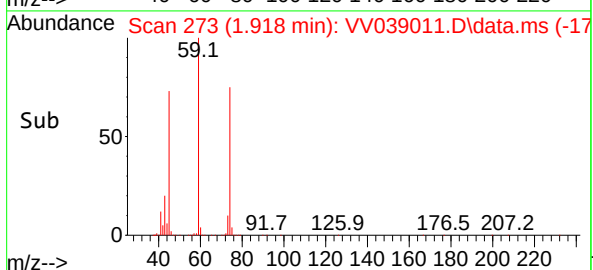
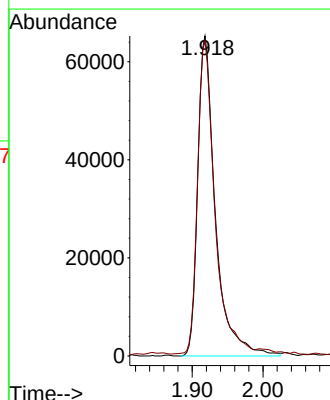
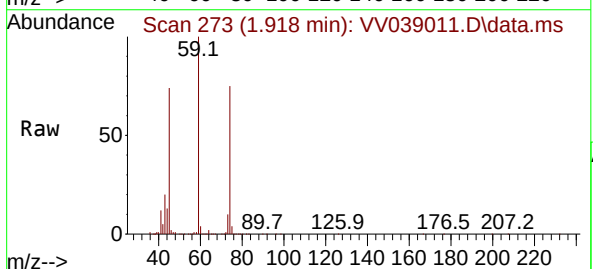
Instrument :
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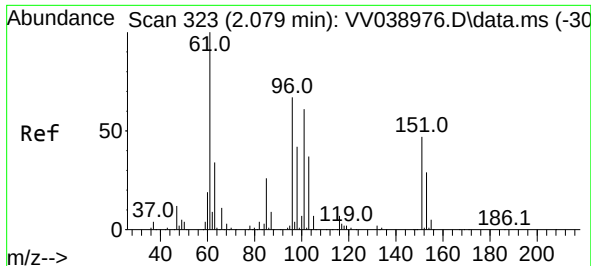
Tgt Ion:101 Resp: 297228
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2



#8
Diethyl Ether
Concen: 23.148 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 74 Resp: 112981
Ion Ratio Lower Upper
74 100
45 95.9 39.8 119.4

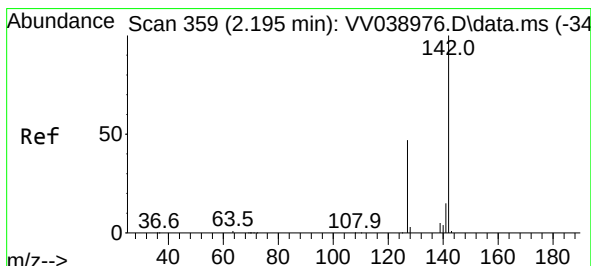
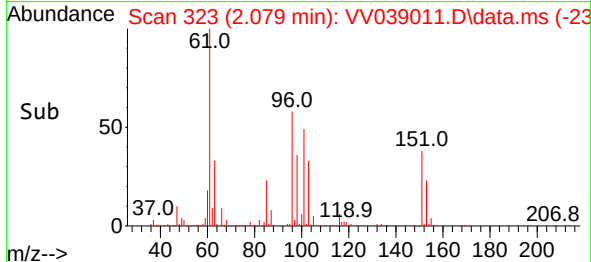
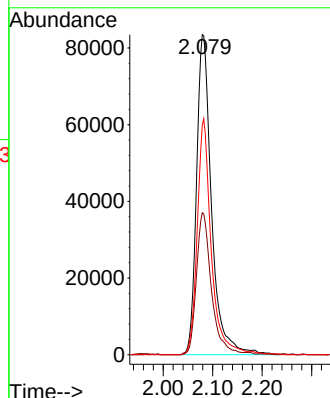
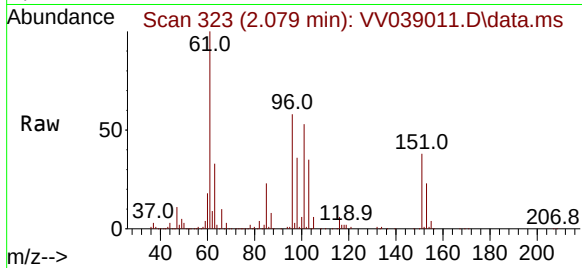




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.142 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

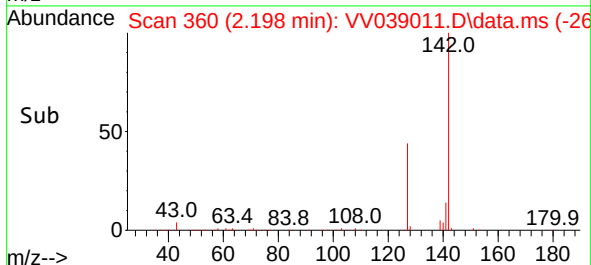
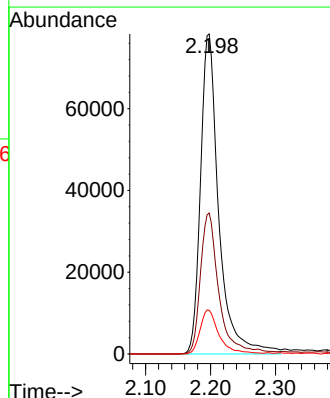
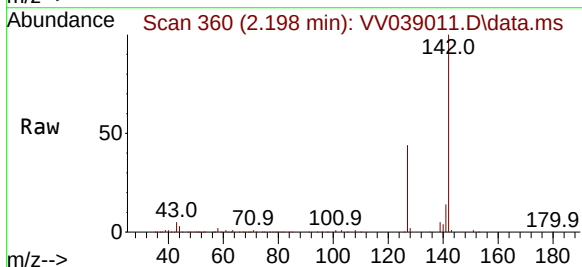
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

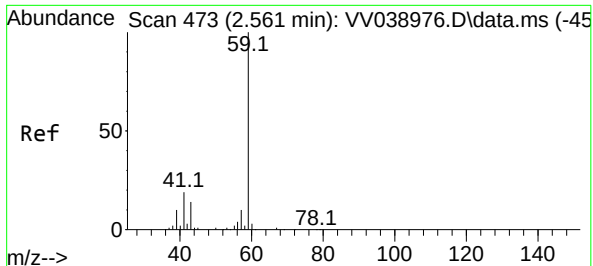
Tgt Ion:101 Resp: 176458
Ion Ratio Lower Upper
101 100
85 44.2 34.6 51.8
151 69.1 62.1 93.1



#10
Methyl Iodide
Concen: 14.064 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion:142 Resp: 153289
Ion Ratio Lower Upper
142 100
127 43.7 38.6 57.8
141 14.2 11.4 17.2

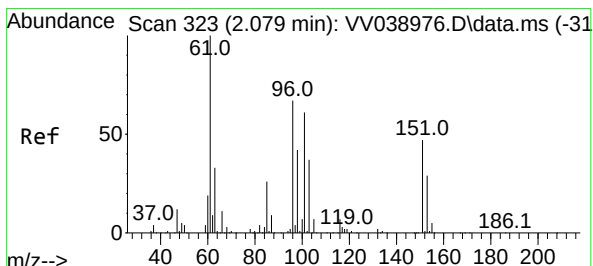
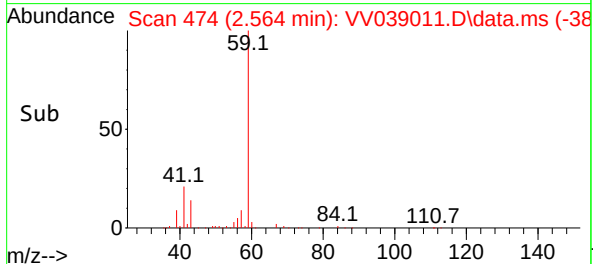
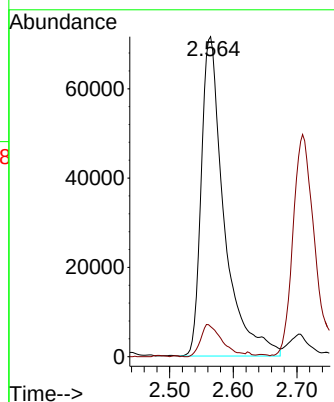
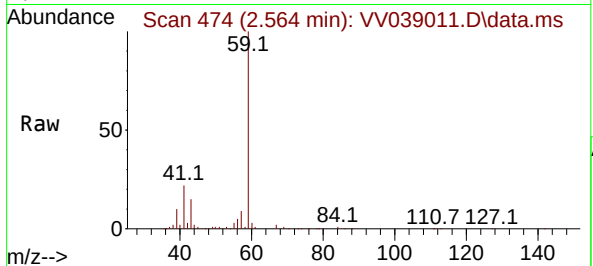




#11
Tert butyl alcohol
Concen: 132.025 ug/l
RT: 2.564 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

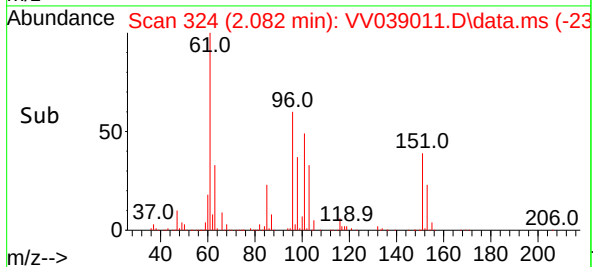
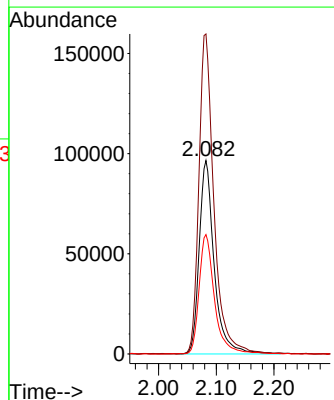
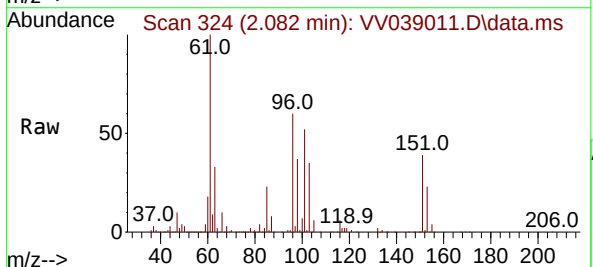
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

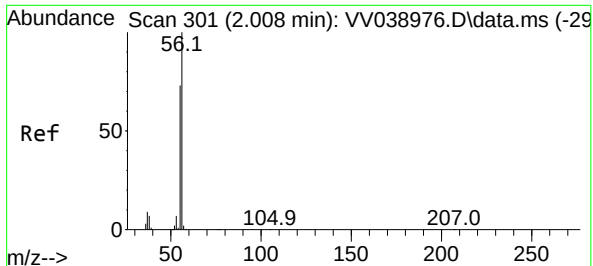
Tgt Ion: 59 Resp: 178290
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 21.668 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 96 Resp: 174867
Ion Ratio Lower Upper
96 100
61 165.2 119.8 179.8
98 61.6 50.2 75.2

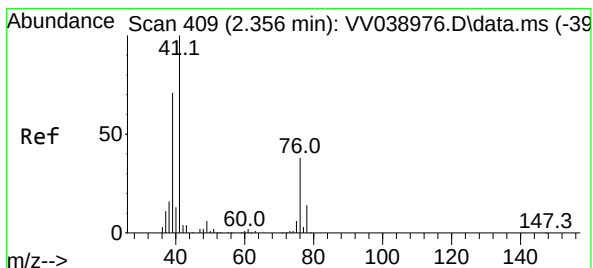
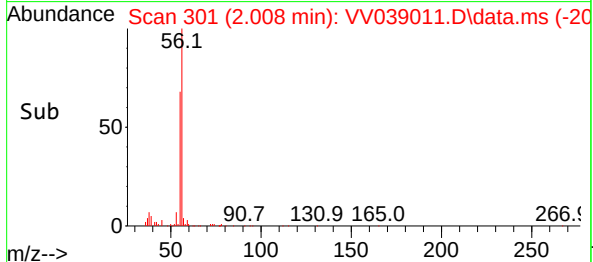
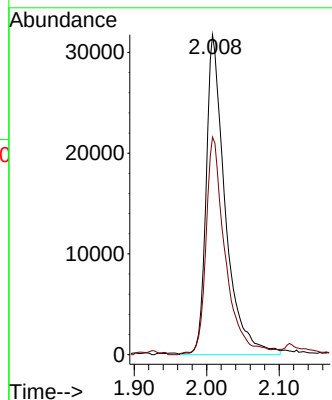
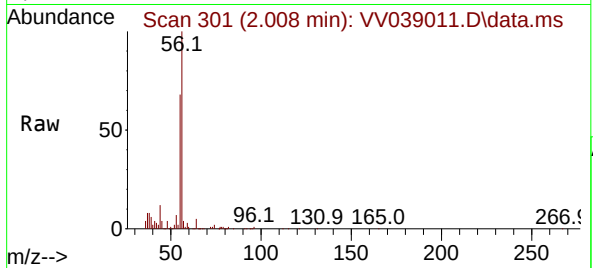




#13
Acrolein
Concen: 123.317 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

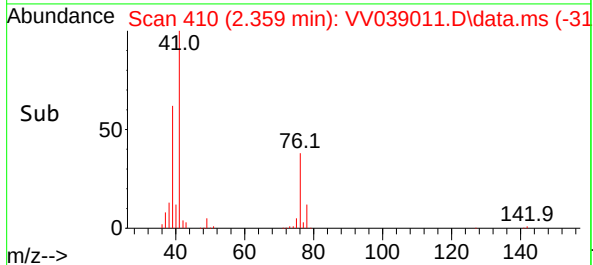
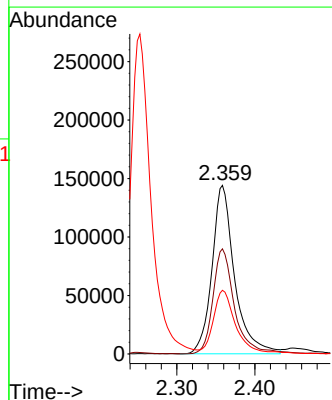
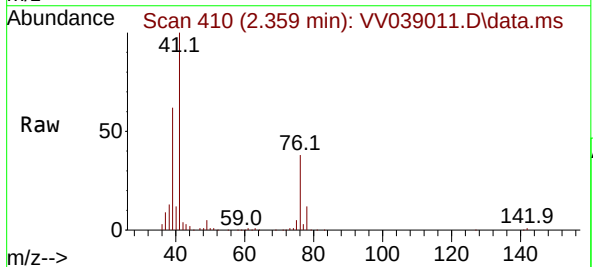
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

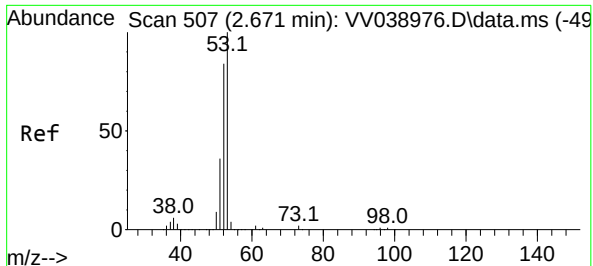
Tgt Ion: 56 Resp: 58001
Ion Ratio Lower Upper
56 100
55 68.8 58.8 88.2



#14
Allyl chloride
Concen: 27.010 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 41 Resp: 291036
Ion Ratio Lower Upper
41 100
39 60.1 55.0 82.4
76 37.2 35.6 53.4

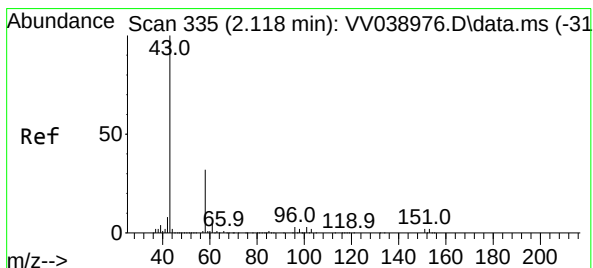
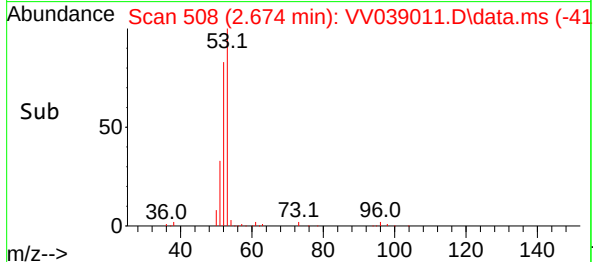
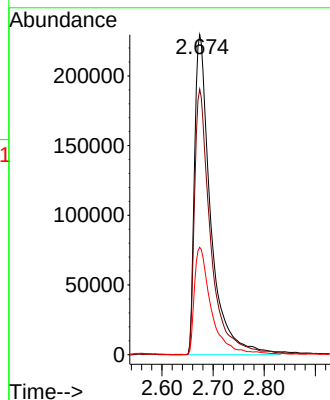
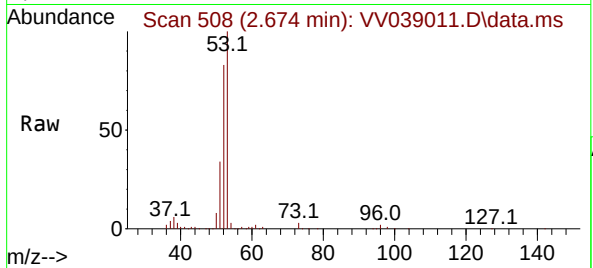




#15
Acrylonitrile
Concen: 123.435 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

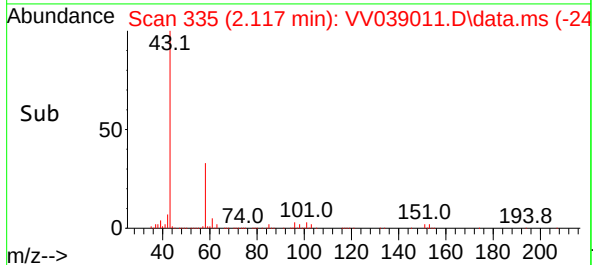
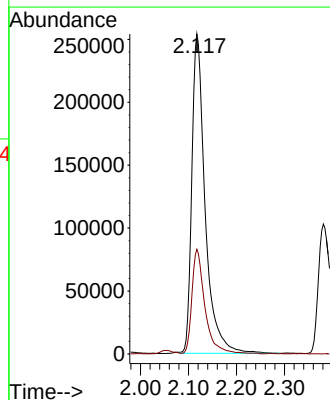
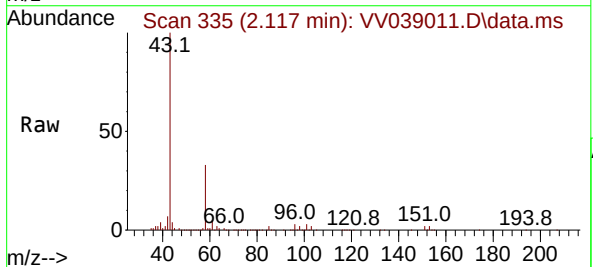
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

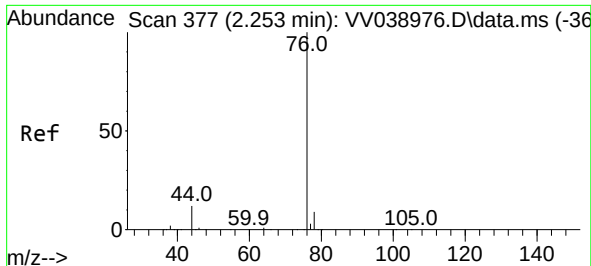
Tgt Ion: 53 Resp: 503757
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.4
51 34.4 28.5 42.7



#16
Acetone
Concen: 121.856 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 43 Resp: 487976
Ion Ratio Lower Upper
43 100
58 32.7 26.3 39.5

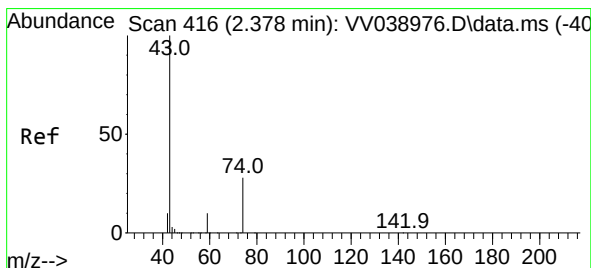
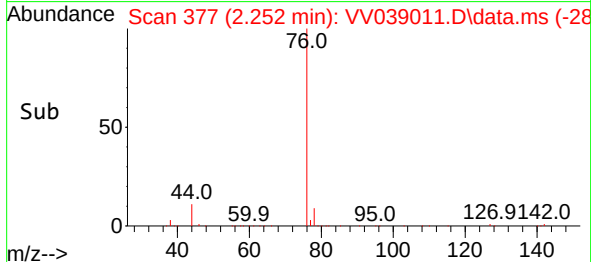
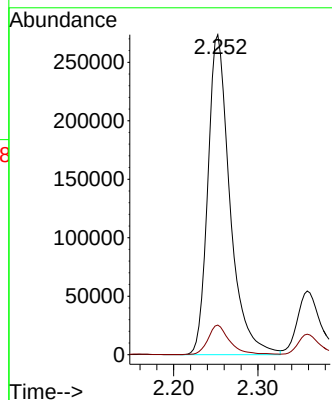
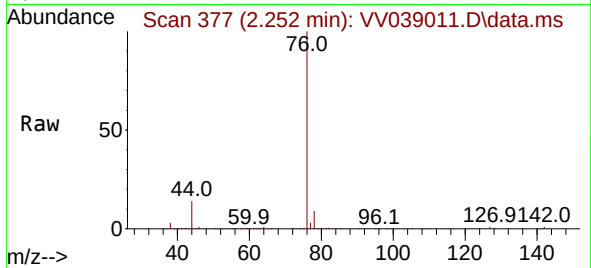




#17
Carbon Disulfide
Concen: 22.192 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

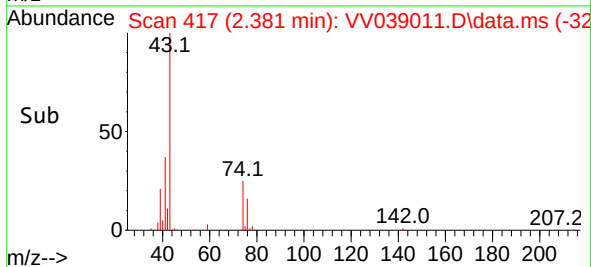
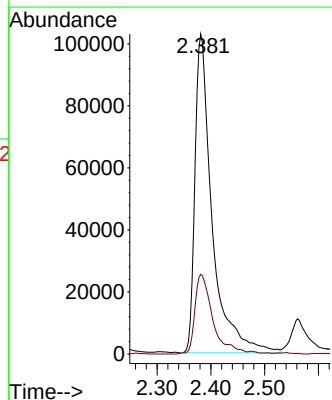
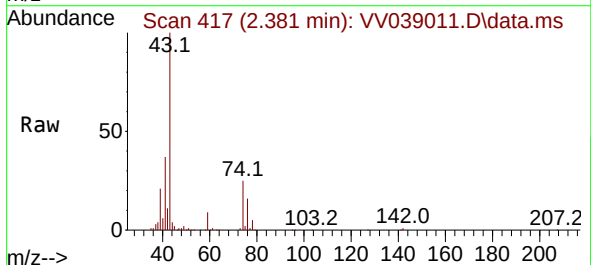
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

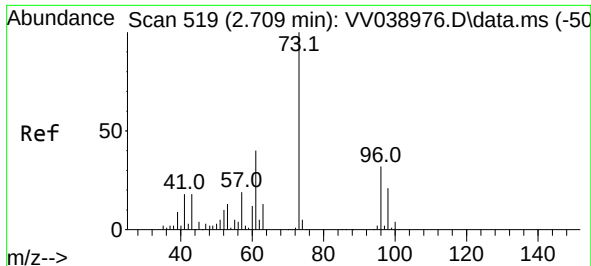
Tgt Ion: 76 Resp: 498125
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 26.855 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 43 Resp: 227939
Ion Ratio Lower Upper
43 100
74 25.7 23.5 35.3

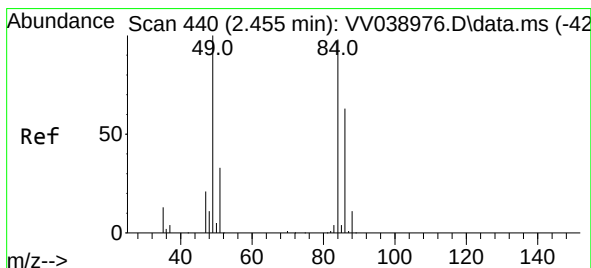
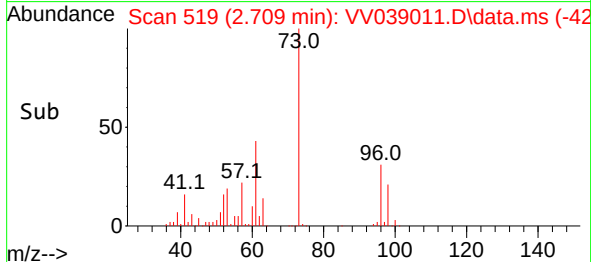
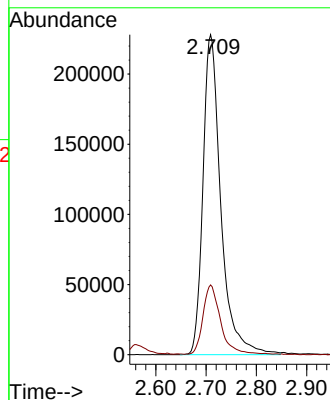
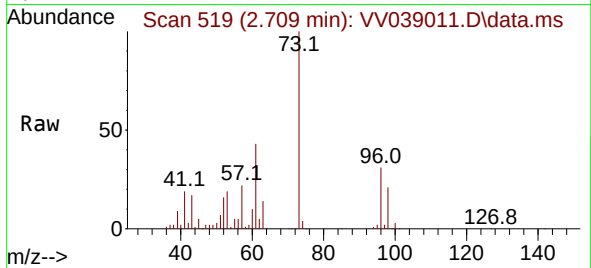




#19
Methyl tert-butyl Ether
Concen: 23.630 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

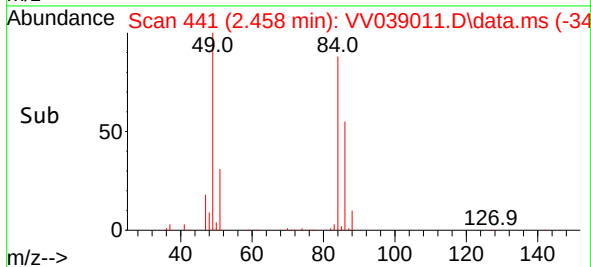
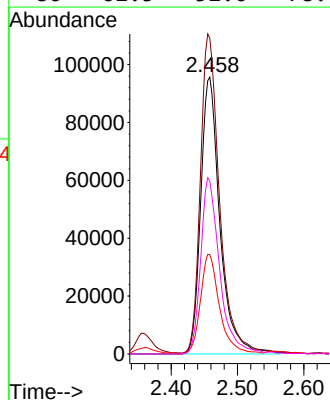
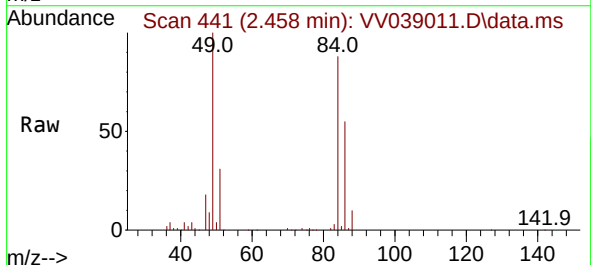
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

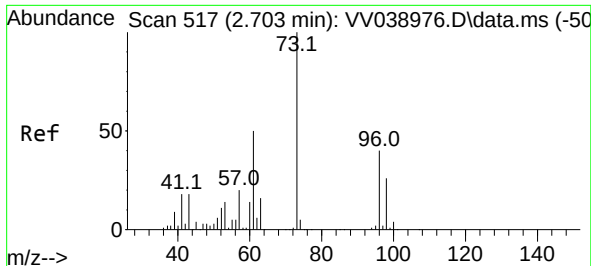
Tgt Ion: 73 Resp: 563864
Ion Ratio Lower Upper
73 100
57 21.7 15.7 23.5



#20
Methylene Chloride
Concen: 20.695 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 84 Resp: 192590
Ion Ratio Lower Upper
84 100
49 113.6 81.9 122.9
51 35.9 26.9 40.3
86 62.5 52.0 78.0

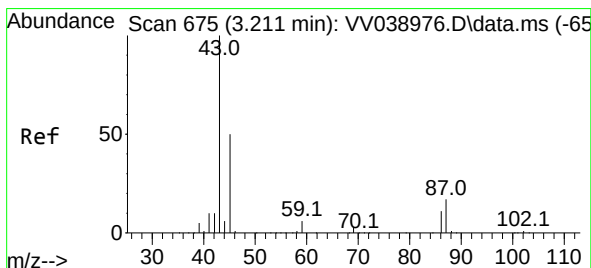
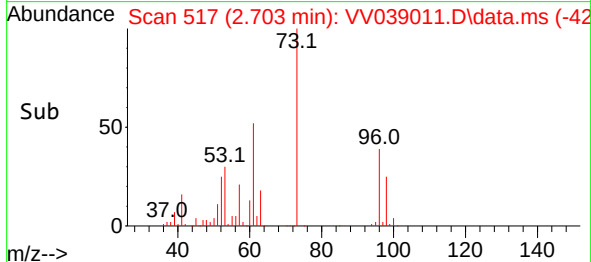
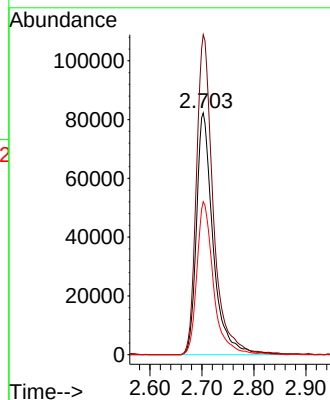
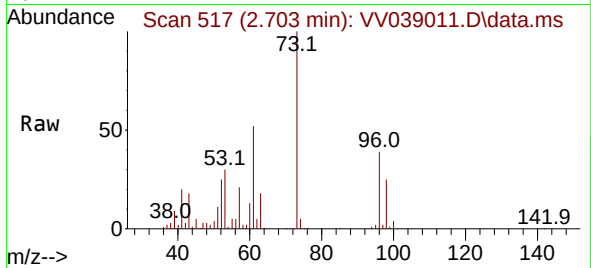




#21
trans-1,2-Dichloroethene
Concen: 21.738 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

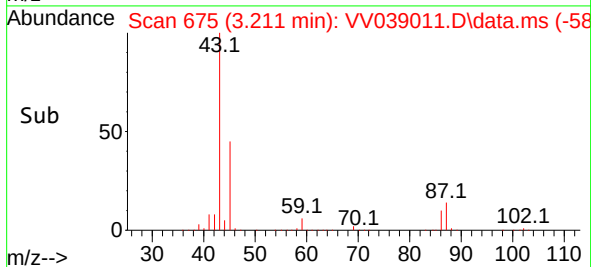
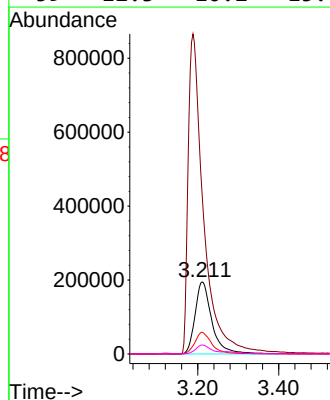
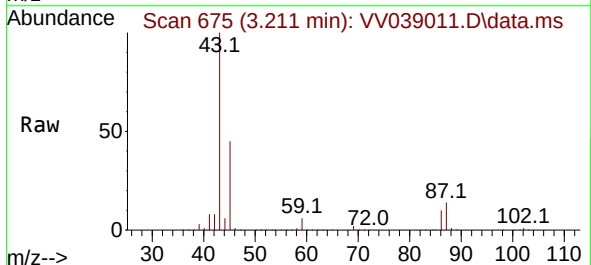
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

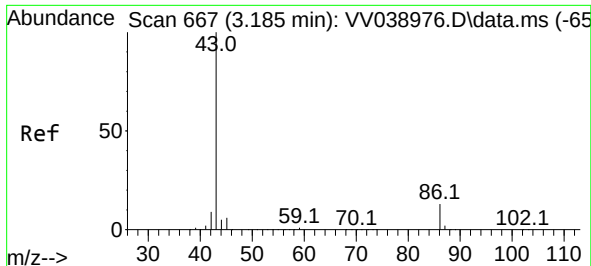
Tgt Ion: 96 Resp: 182719
Ion Ratio Lower Upper
96 100
61 132.4 100.6 151.0
98 63.3 51.5 77.3



#22
Diisopropyl ether
Concen: 23.827 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 45 Resp: 563676
Ion Ratio Lower Upper
45 100
43 221.8 159.4 239.0
87 30.0 27.5 41.3
59 12.3 10.2 15.4

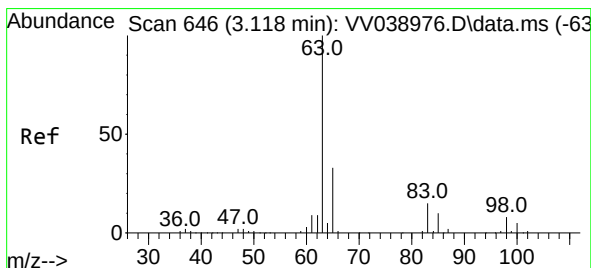
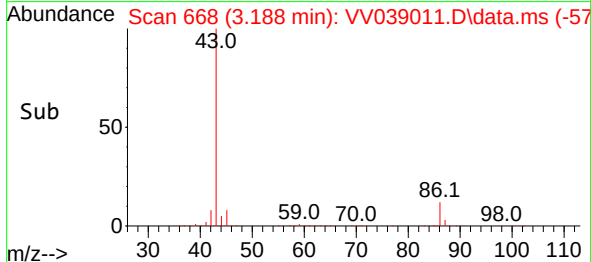
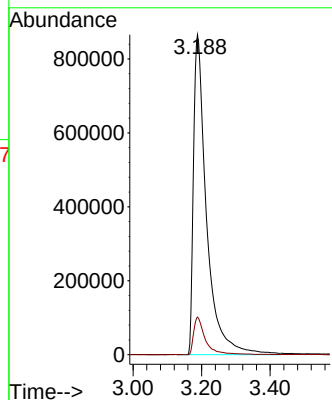
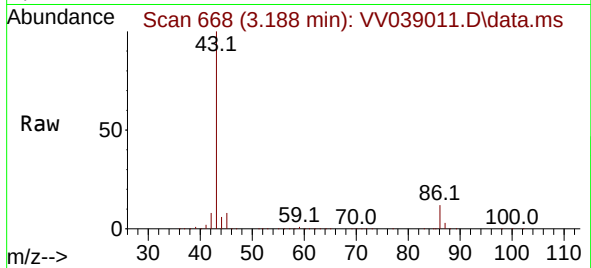




#23
 Vinyl Acetate
 Concen: 121.158 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV039011.D
 Acq: 22 Aug 2025 11:22

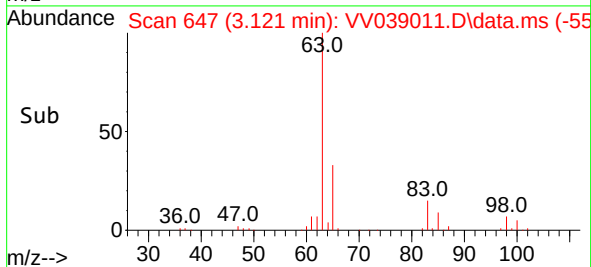
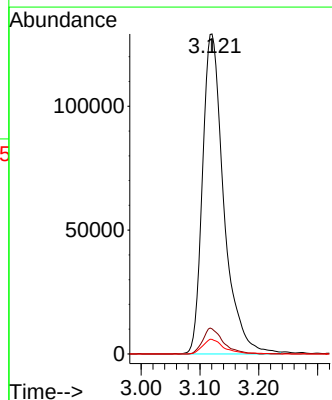
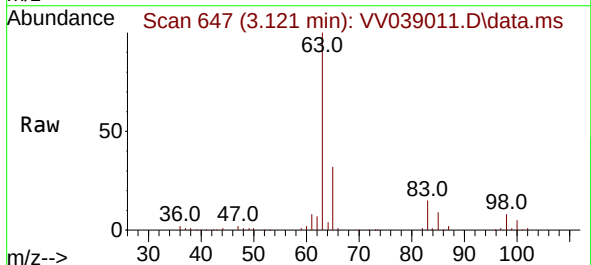
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBS01

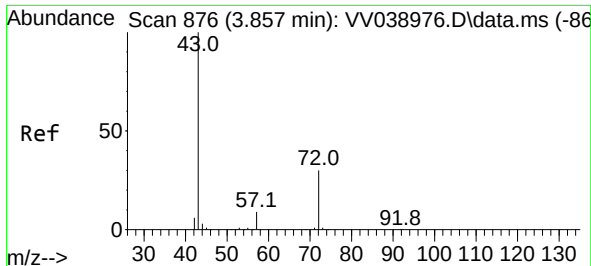
Tgt Ion: 43 Resp: 2299864
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.774 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV039011.D
 Acq: 22 Aug 2025 11:22

Tgt Ion: 63 Resp: 325550
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 12.8
 100 4.5 2.6 8.0

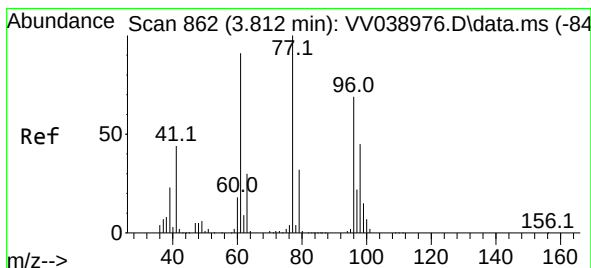
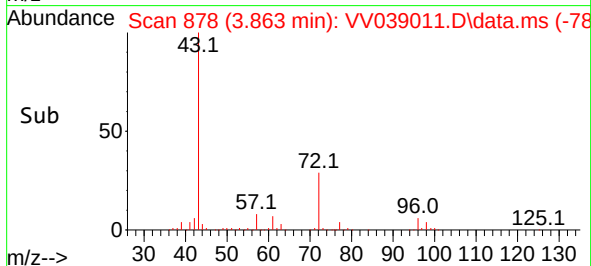
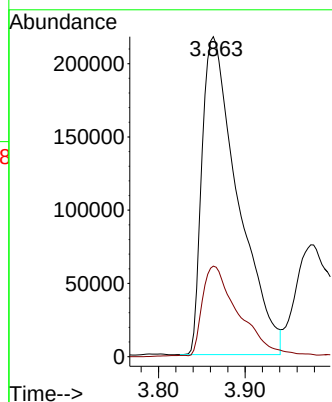
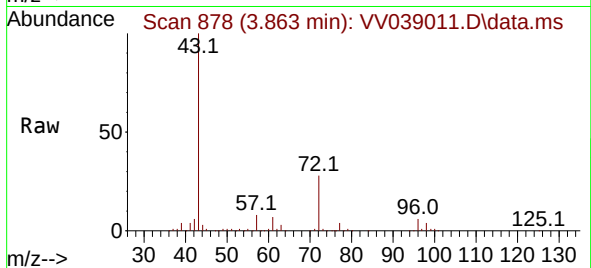




#25
2-Butanone
Concen: 120.198 ug/l
RT: 3.863 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

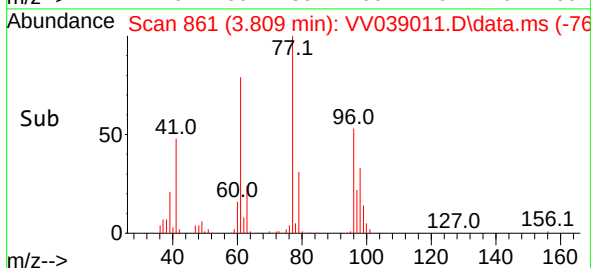
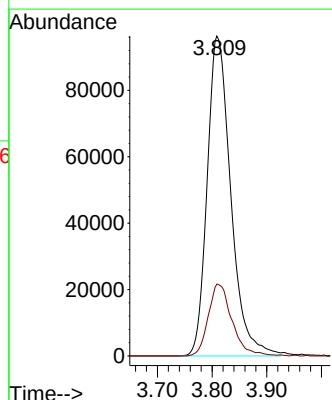
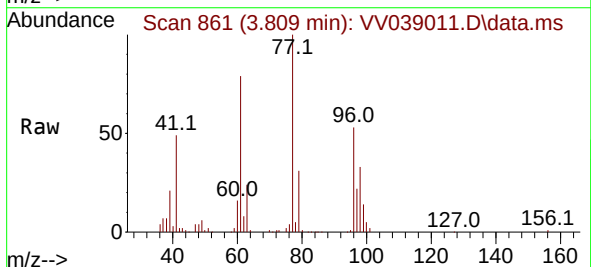
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

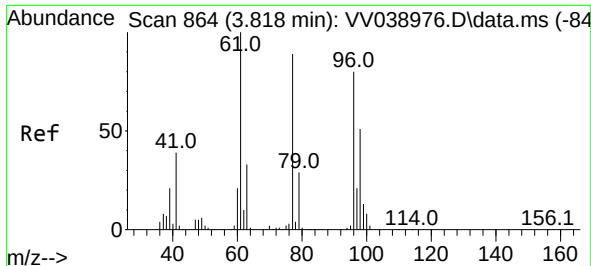
Tgt Ion: 43 Resp: 626272
Ion Ratio Lower Upper
43 100
72 28.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 19.216 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 77 Resp: 288865
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8

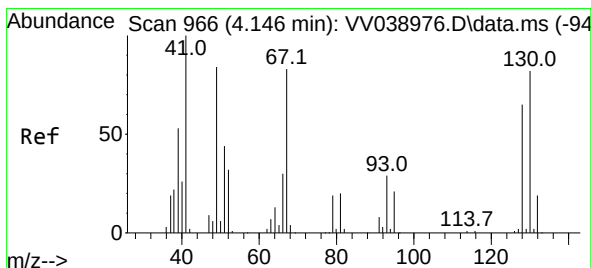
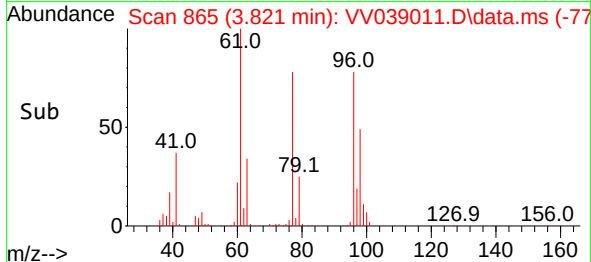
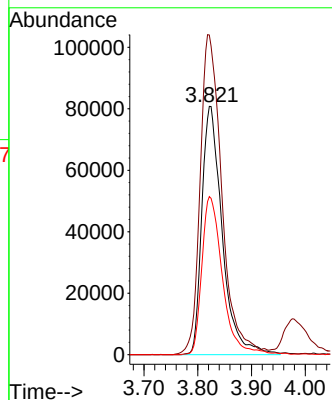
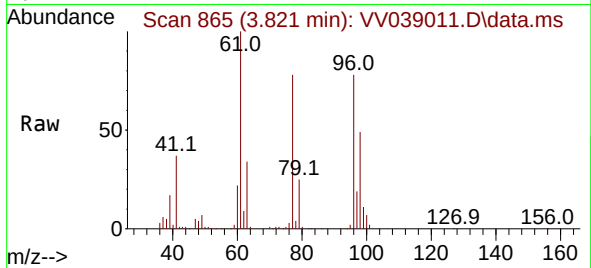




#27
 cis-1,2-Dichloroethene
 Concen: 20.934 ug/l
 RT: 3.821 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039011.D
 Acq: 22 Aug 2025 11:22

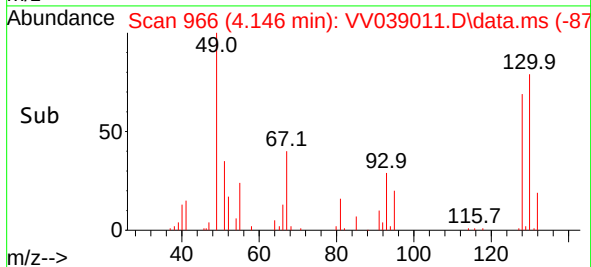
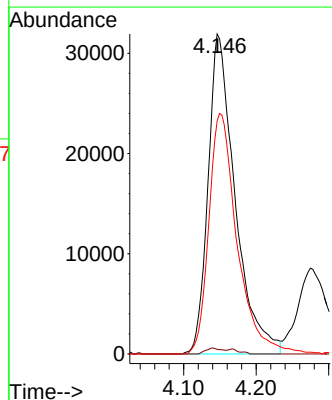
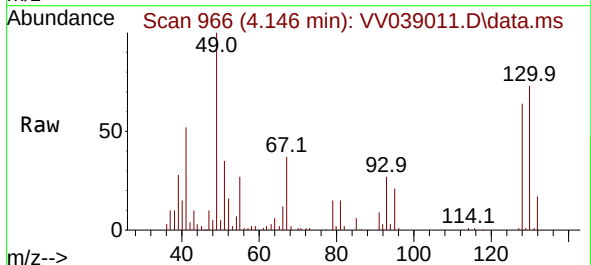
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBS01

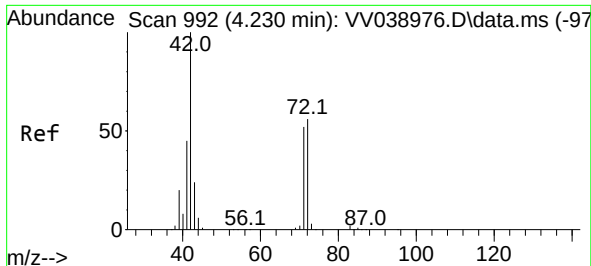
Tgt Ion: 96 Resp: 212380
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 264.4
 98 64.2 0.0 131.8



#28
 Bromochloromethane
 Concen: 25.098 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039011.D
 Acq: 22 Aug 2025 11:22

Tgt Ion: 49 Resp: 82546
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.2
 130 78.8 78.2 117.2





#29

Tetrahydrofuran

Concen: 120.849 ug/l

RT: 4.233 min Scan# 992

Delta R.T. 0.003 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

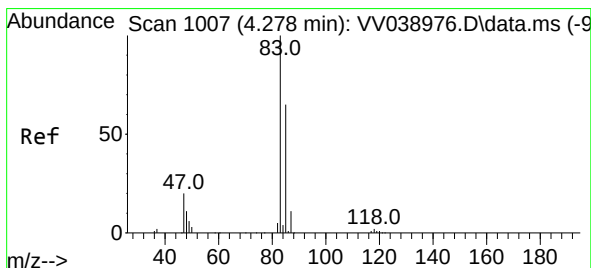
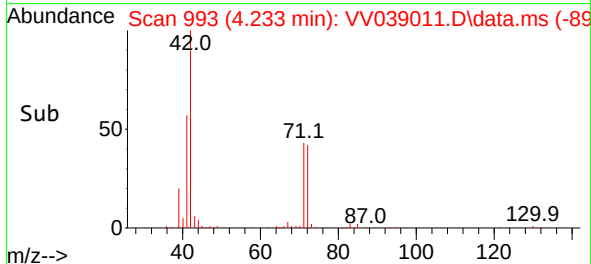
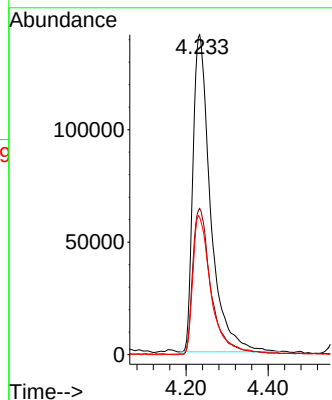
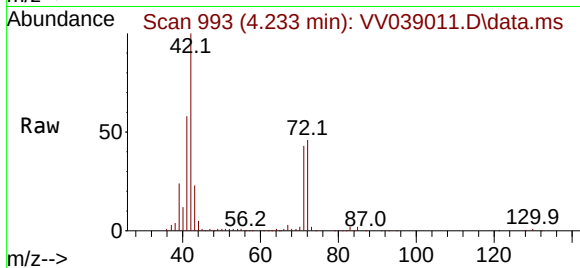
Tgt Ion: 42 Resp: 420322

Ion Ratio Lower Upper

42 100

72 47.3 44.6 66.8

71 45.7 41.6 62.4



#30

Chloroform

Concen: 19.119 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV039011.D

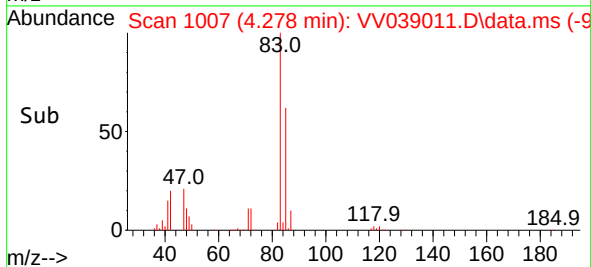
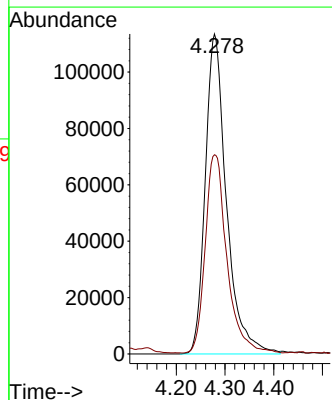
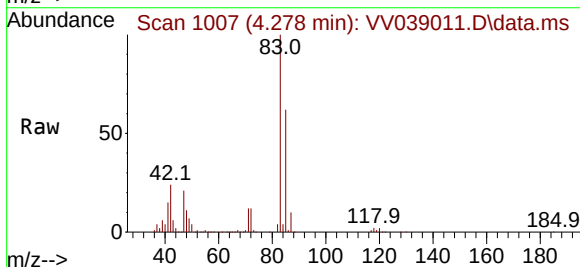
Acq: 22 Aug 2025 11:22

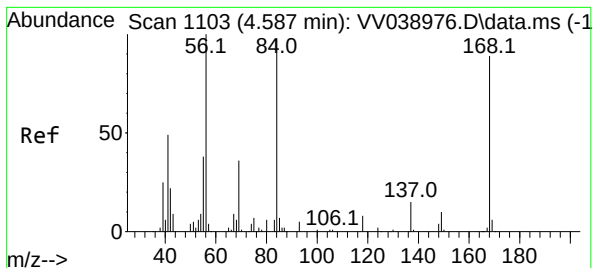
Tgt Ion: 83 Resp: 342387

Ion Ratio Lower Upper

83 100

85 61.9 52.2 78.2





#31

Cyclohexane

Concen: 21.358 ug/l

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

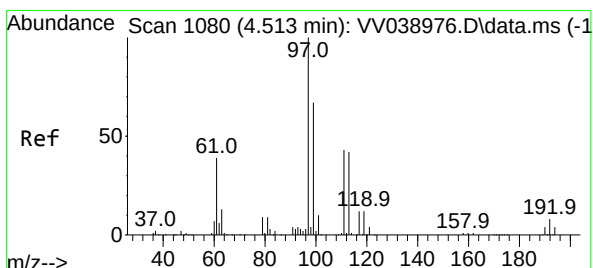
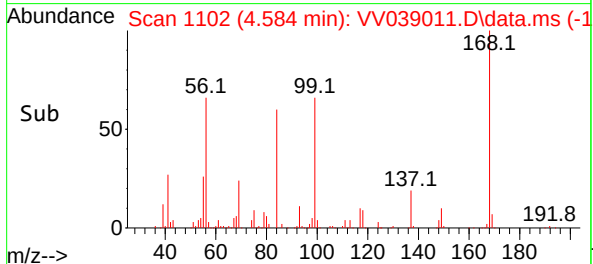
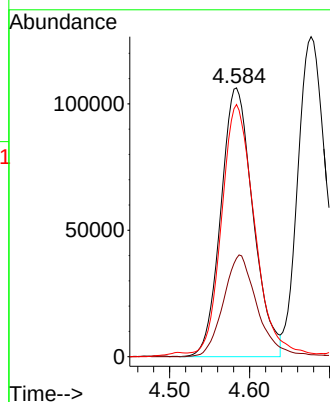
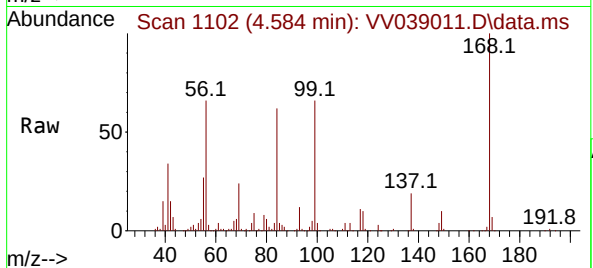
Tgt Ion: 56 Resp: 298623

Ion Ratio Lower Upper

56 100

69 36.6 28.6 42.8

84 92.3 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 17.731 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

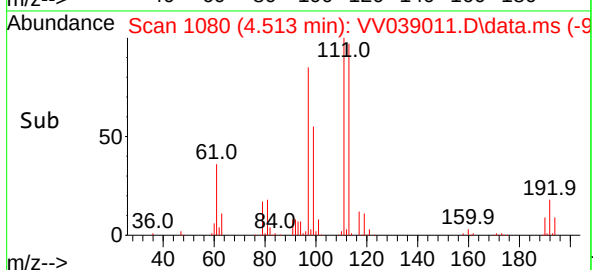
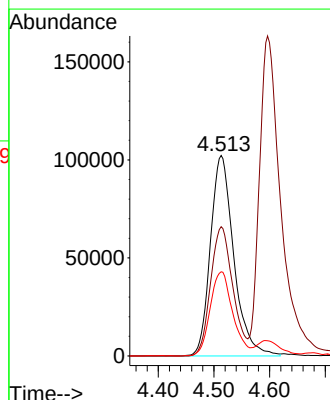
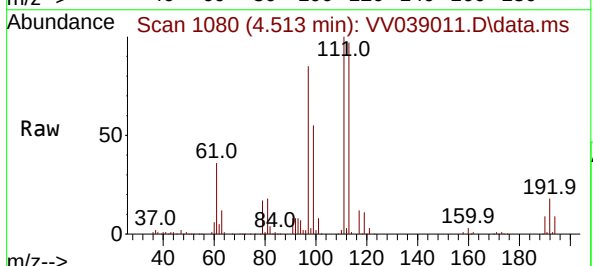
Tgt Ion: 97 Resp: 298314

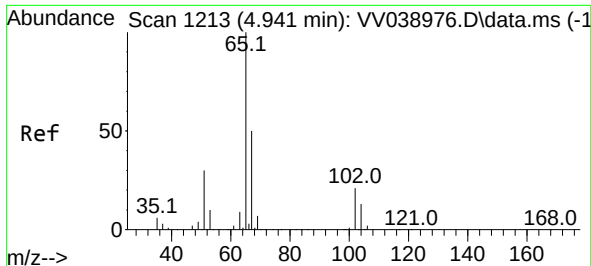
Ion Ratio Lower Upper

97 100

99 61.3 49.5 74.3

61 40.5 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 48.476 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

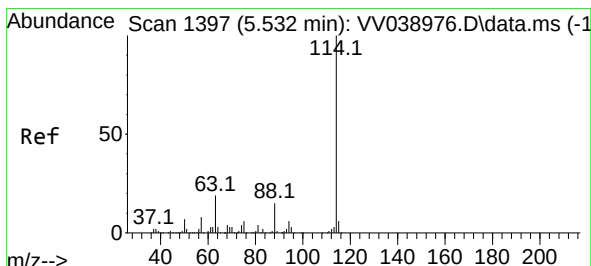
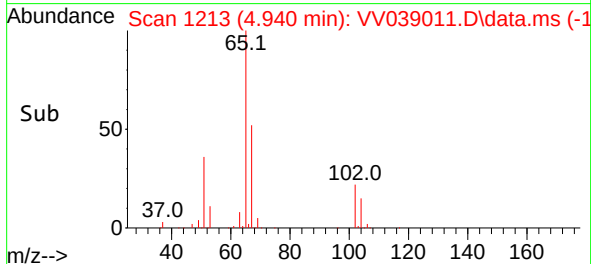
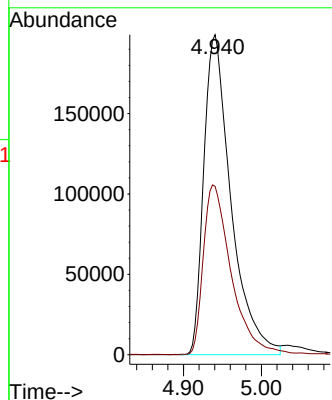
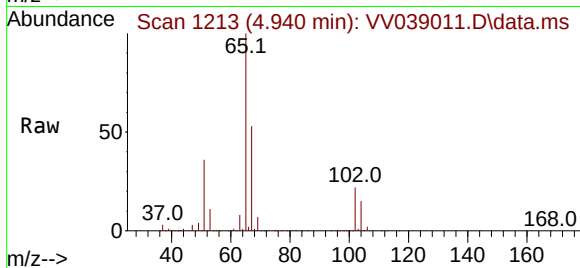
VV0822WBS01

Tgt Ion: 65 Resp: 483673

Ion Ratio Lower Upper

65 100

67 54.4 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: VV039011.D

Acq: 22 Aug 2025 11:22

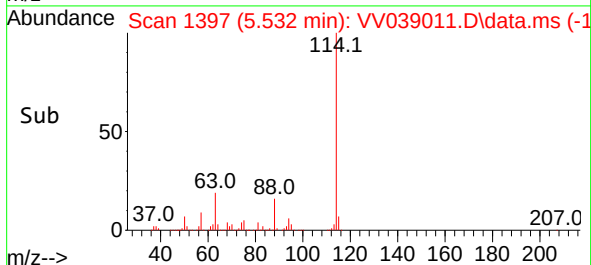
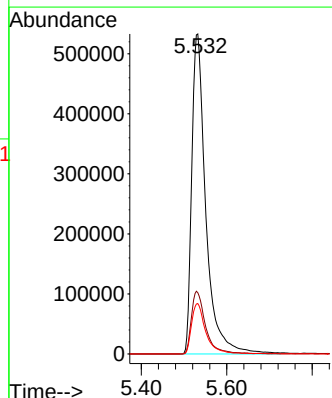
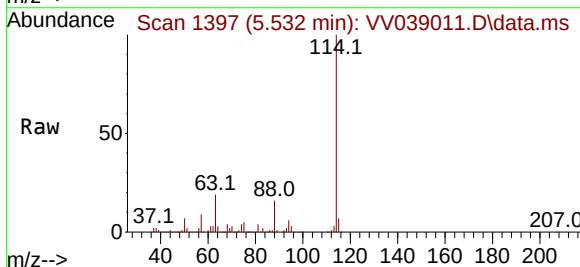
Tgt Ion: 114 Resp: 1223613

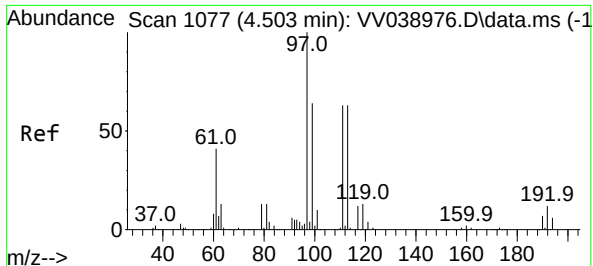
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.7 0.0 30.4

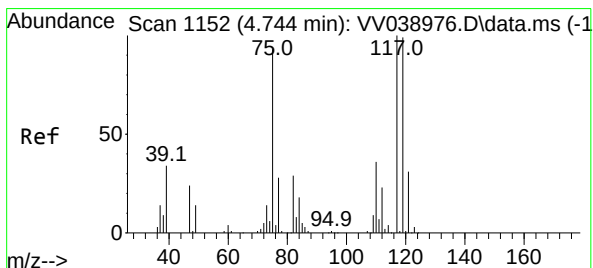
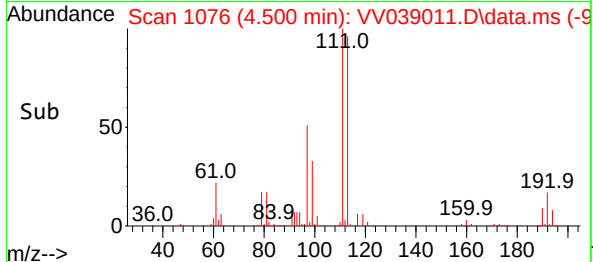
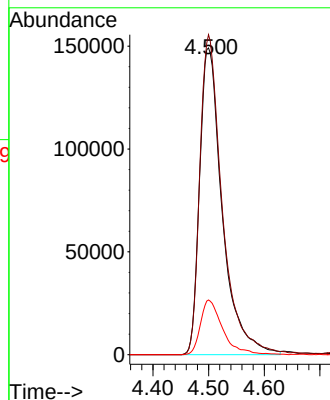
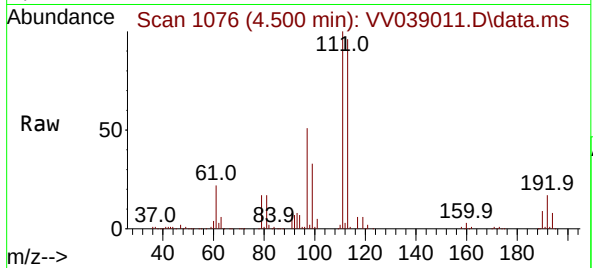




#35
Dibromofluoromethane
Concen: 46.013 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

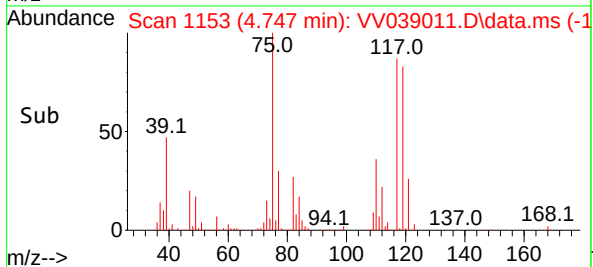
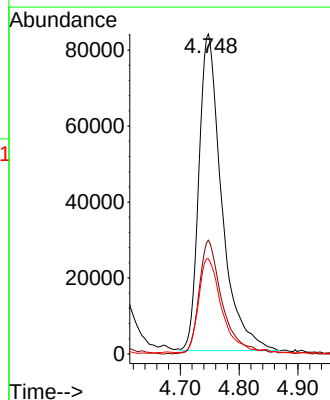
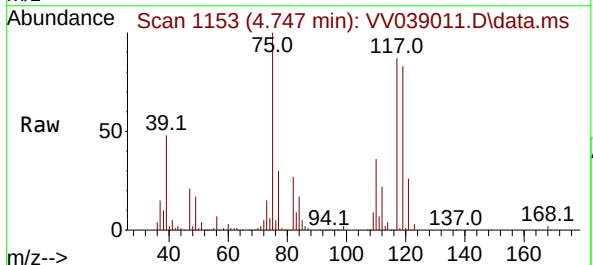
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

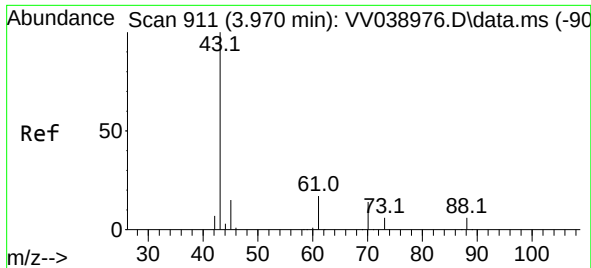
Tgt Ion:113 Resp: 422239
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 17.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 18.889 ug/l
RT: 4.747 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 75 Resp: 225102
Ion Ratio Lower Upper
75 100
110 36.0 19.6 58.7
77 29.5 24.4 36.6

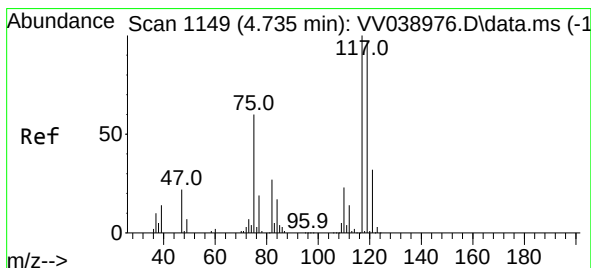
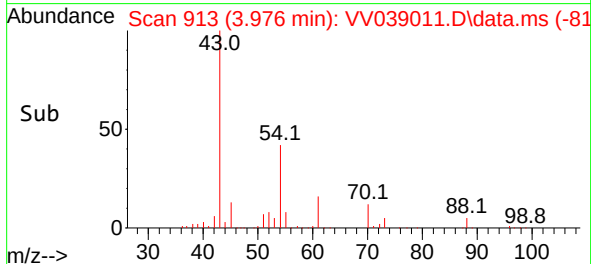
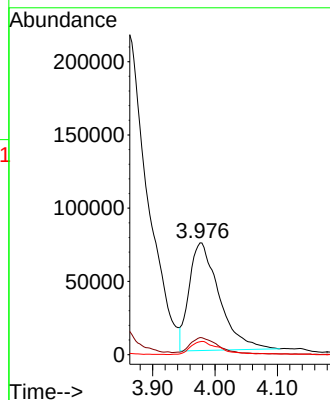
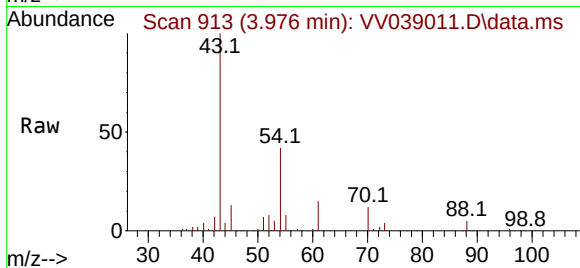




#37
Ethyl Acetate
Concen: 21.163 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

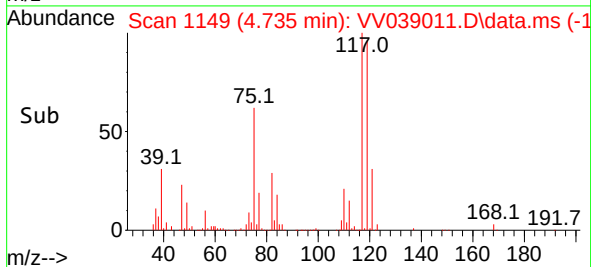
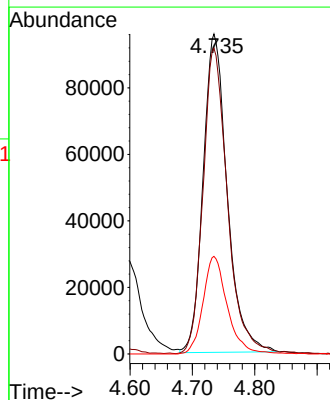
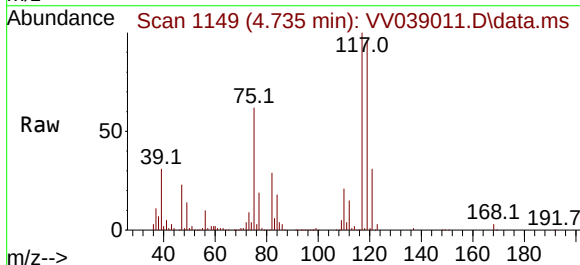
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

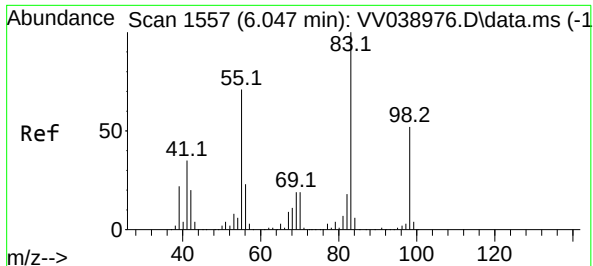
Tgt Ion: 43 Resp: 246414
Ion Ratio Lower Upper
43 100
61 13.9 12.6 19.0
70 11.4 10.2 15.4



#38
Carbon Tetrachloride
Concen: 16.093 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 117 Resp: 256830
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
121 30.6 25.4 38.2





#39

Methylcyclohexane

Concen: 19.789 ug/l

RT: 6.046 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

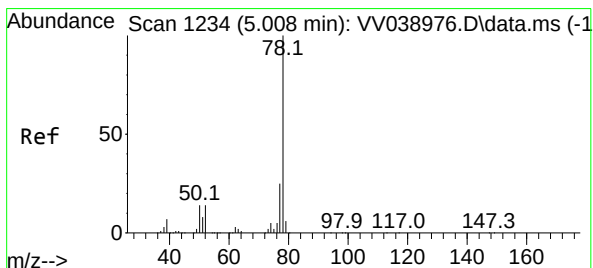
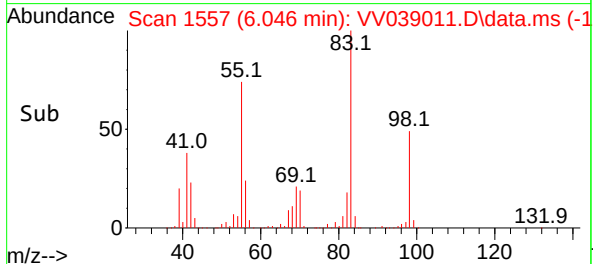
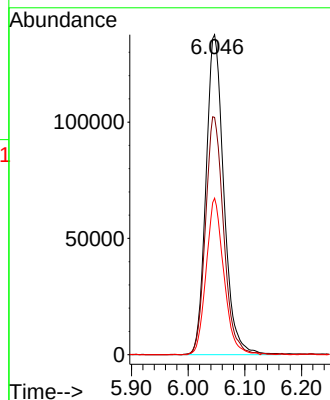
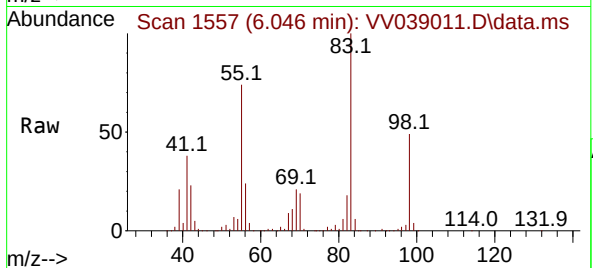
Tgt Ion: 83 Resp: 301335

Ion Ratio Lower Upper

83 100

55 74.1 57.0 85.6

98 48.9 41.3 61.9



#40

Benzene

Concen: 19.390 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV039011.D

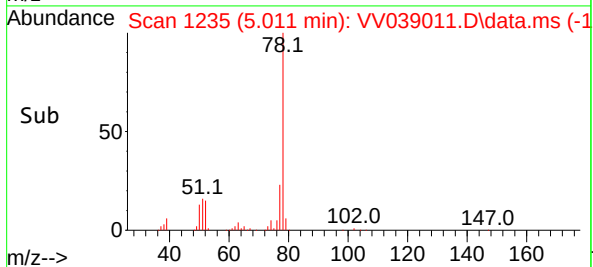
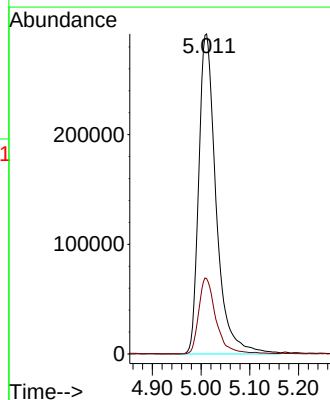
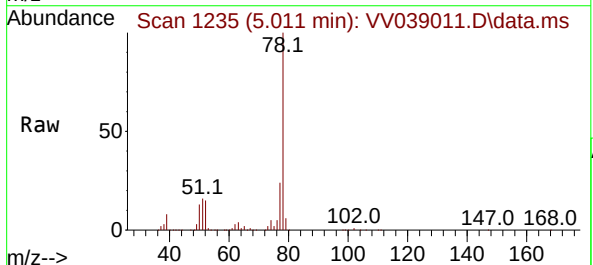
Acq: 22 Aug 2025 11:22

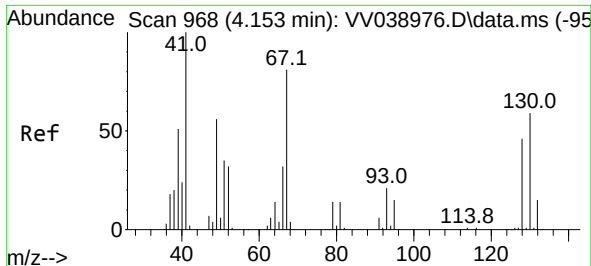
Tgt Ion: 78 Resp: 723728

Ion Ratio Lower Upper

78 100

77 23.5 19.6 29.4

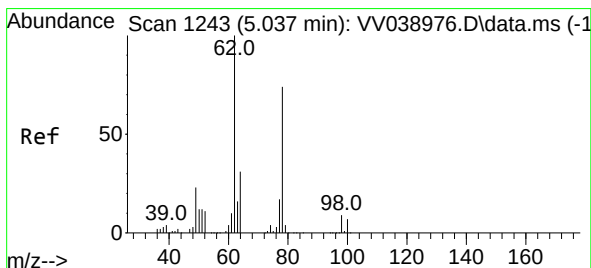
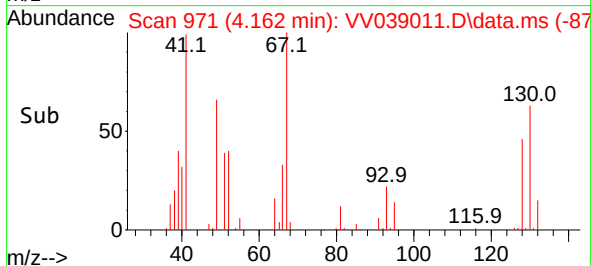
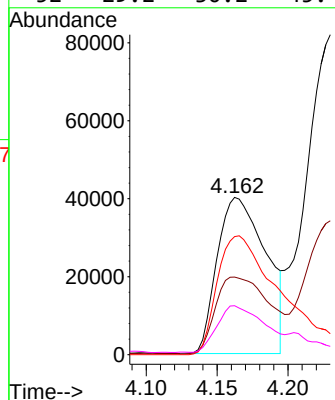
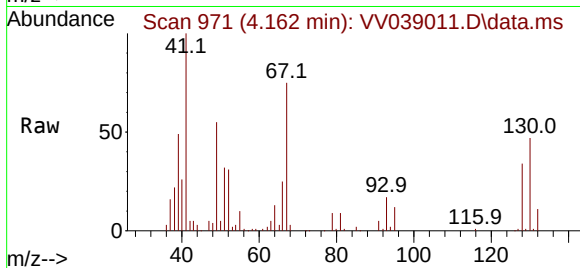




#41
Methacrylonitrile
Concen: 21.798 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.009 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

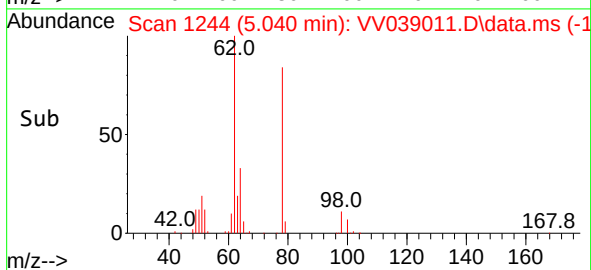
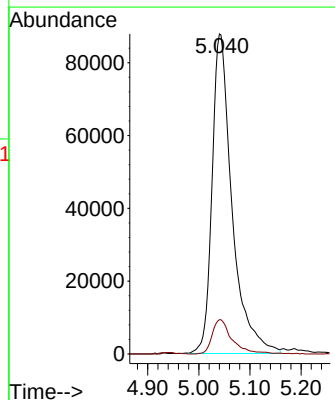
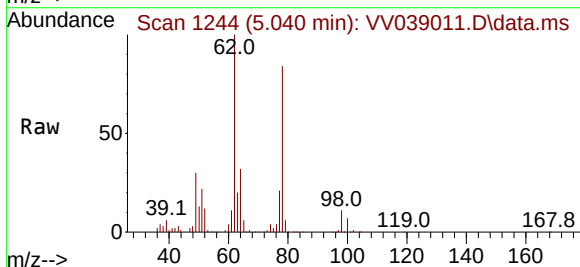
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

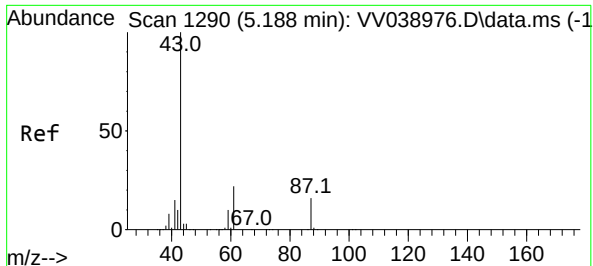
Tgt Ion:	41	Resp:	95640
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.5	68.3
67	106.2	83.5	125.3
52	29.2	30.2	45.4



#42
1,2-Dichloroethane
Concen: 17.472 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion:	62	Resp:	238424
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.2

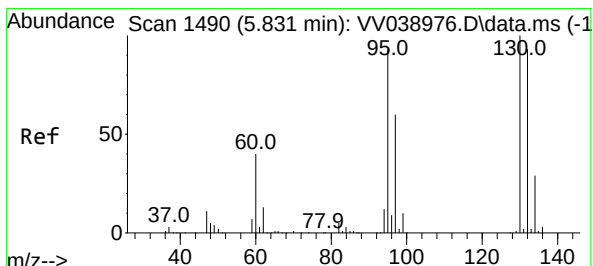
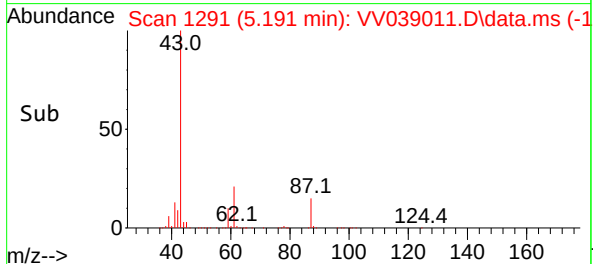
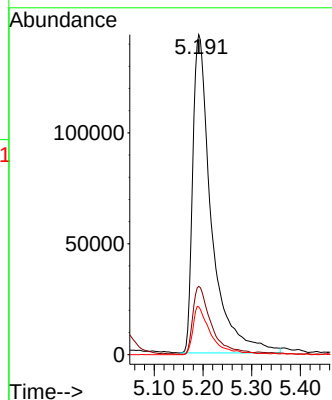
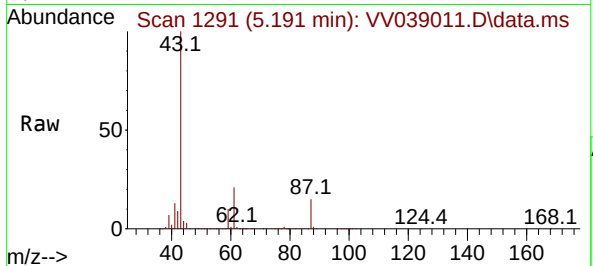




#43
Isopropyl Acetate
Concen: 21.576 ug/l
RT: 5.191 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

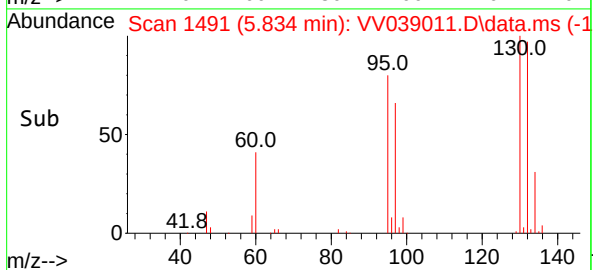
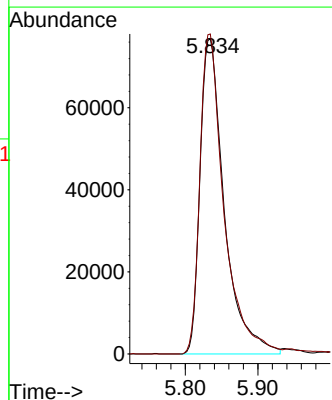
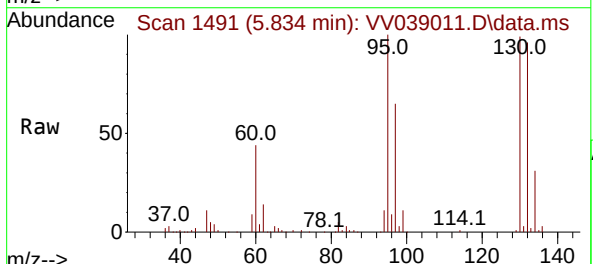
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

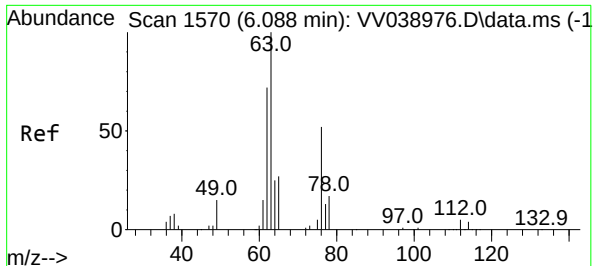
Tgt Ion: 43 Resp: 383313
Ion Ratio Lower Upper
43 100
61 20.9 17.4 26.2
87 13.6 13.3 19.9



#44
Trichloroethene
Concen: 17.632 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 130 Resp: 178522
Ion Ratio Lower Upper
130 100
95 101.5 0.0 186.6





#45

1,2-Dichloropropane

Concen: 19.539 ug/l

RT: 6.088 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

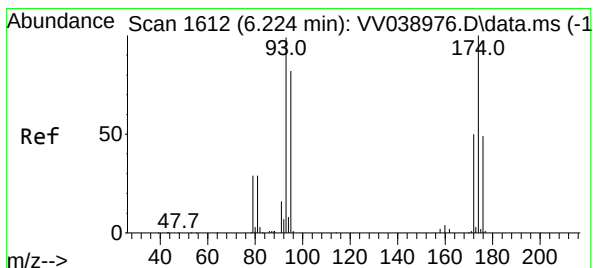
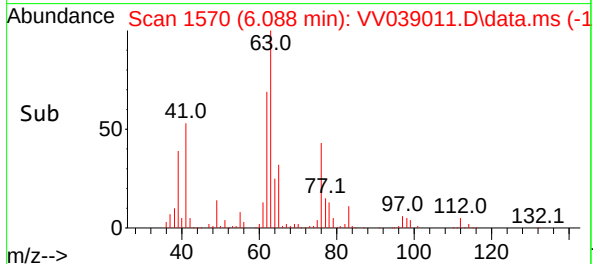
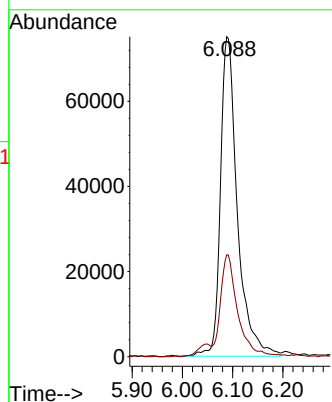
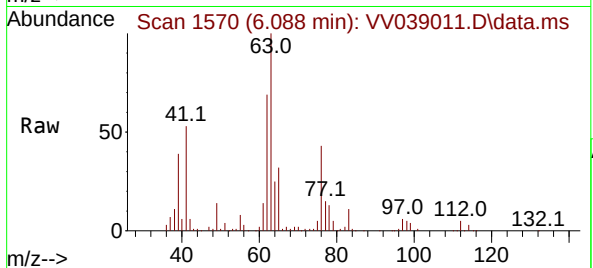
VV0822WBS01

Tgt Ion: 63 Resp: 174907

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#46

Dibromomethane

Concen: 17.579 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

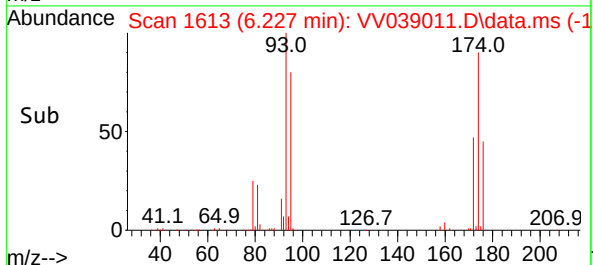
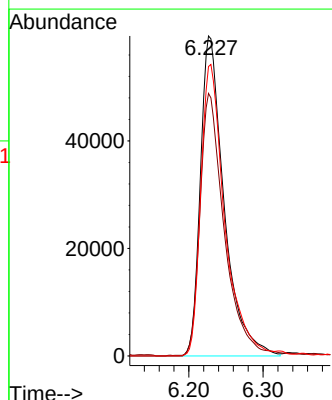
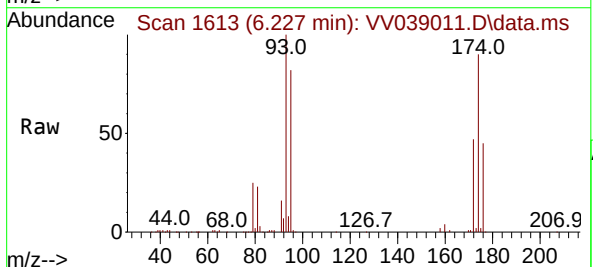
Tgt Ion: 93 Resp: 132040

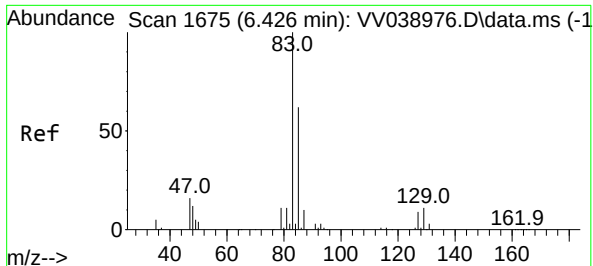
Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

174 92.0 79.7 119.5

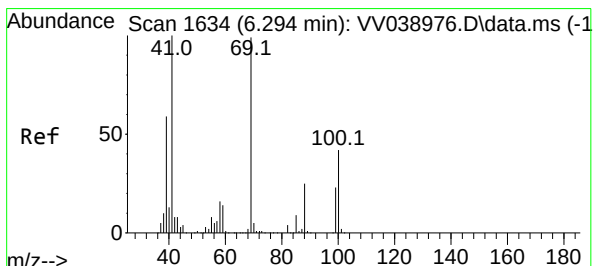
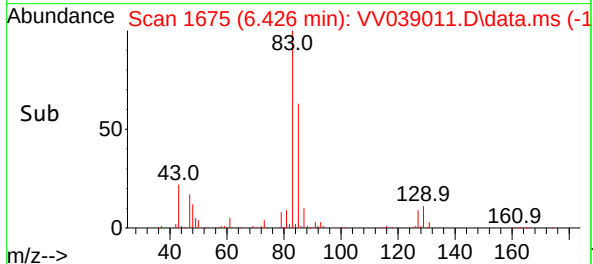
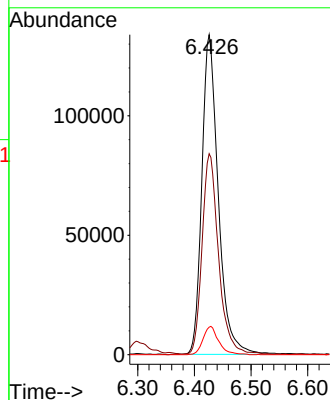
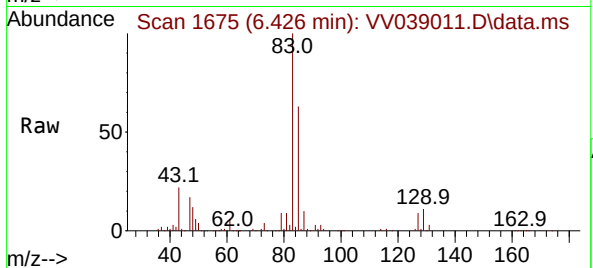




#47
Bromodichloromethane
Concen: 17.627 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

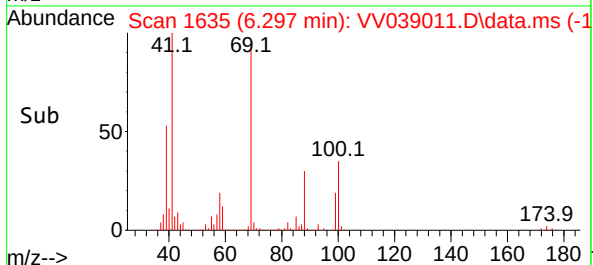
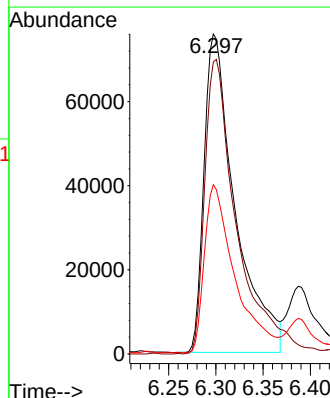
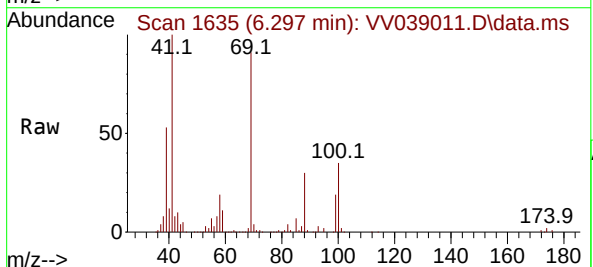
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

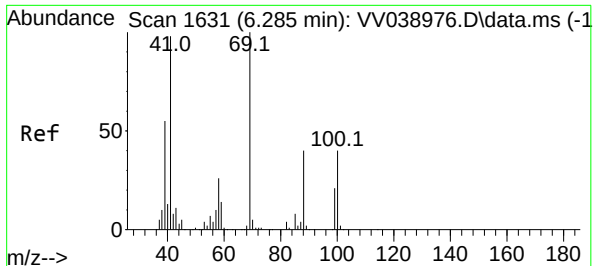
Tgt Ion: 83 Resp: 269457
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 21.834 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 41 Resp: 173885
Ion Ratio Lower Upper
41 100
69 95.4 82.5 123.7
39 51.5 46.6 69.8





#49

1,4-Dioxane

Concen: 481.212 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

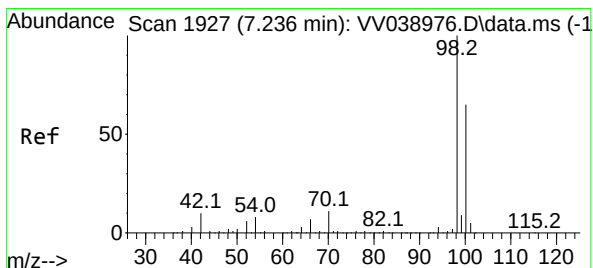
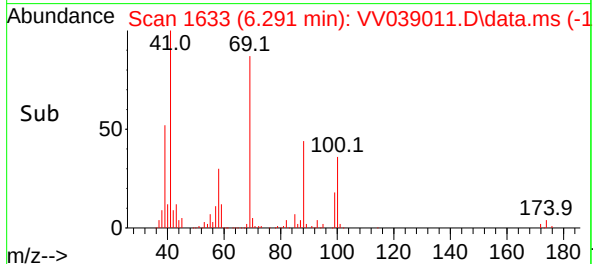
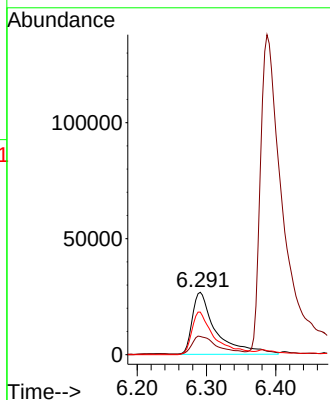
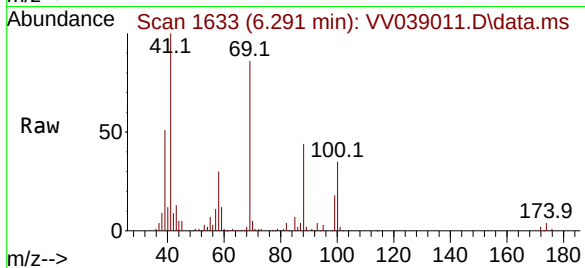
Tgt Ion: 88 Resp: 64079

Ion Ratio Lower Upper

88 100

43 30.5 24.6 36.8

58 65.4 51.8 77.6



#50

Toluene-d8

Concen: 46.309 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039011.D

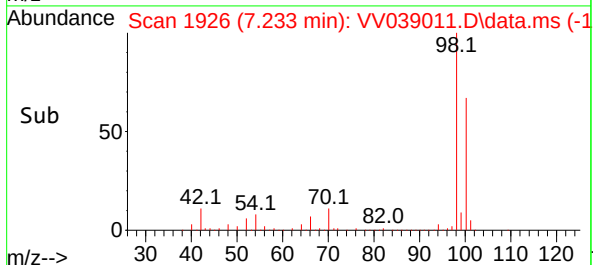
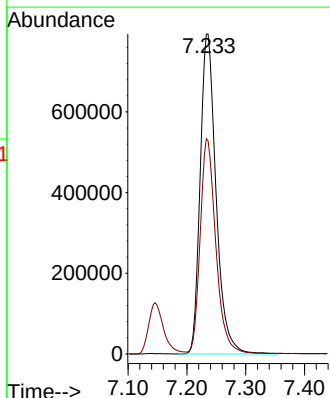
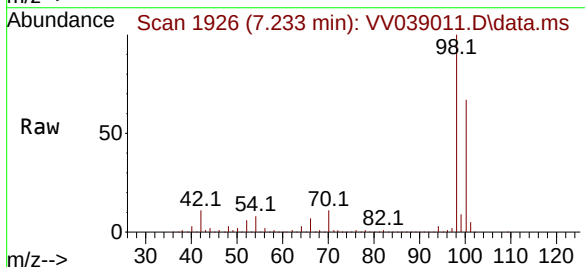
Acq: 22 Aug 2025 11:22

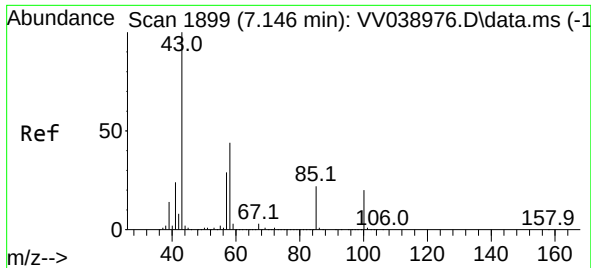
Tgt Ion: 98 Resp: 1481838

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2

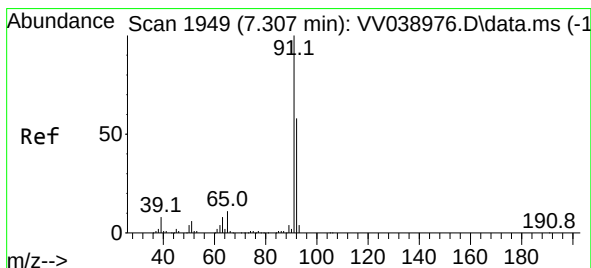
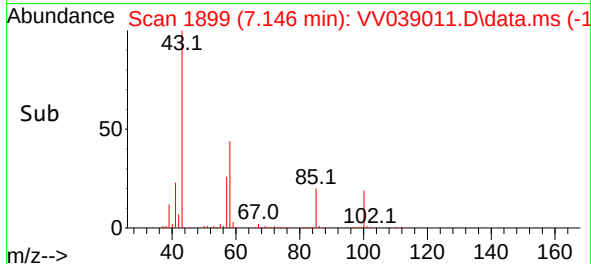
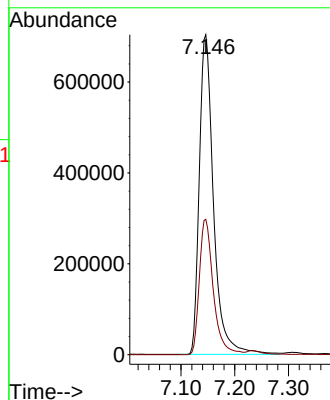
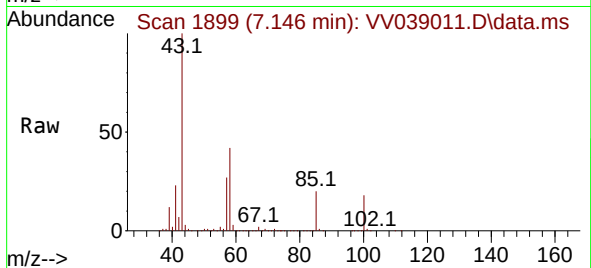




#51
4-Methyl-2-Pentanone
Concen: 111.041 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

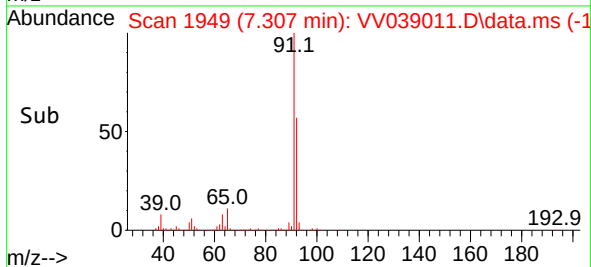
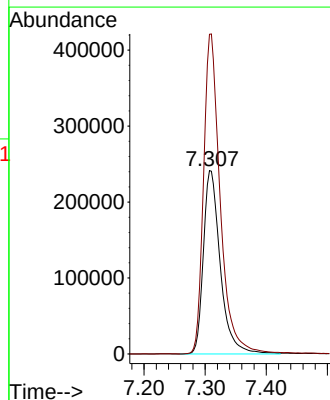
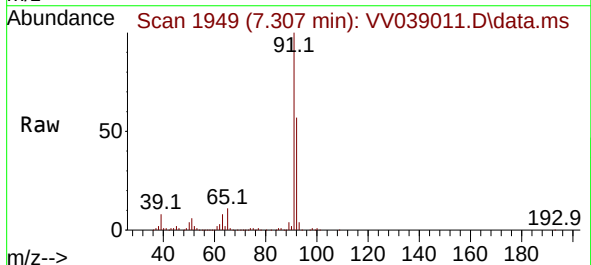
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

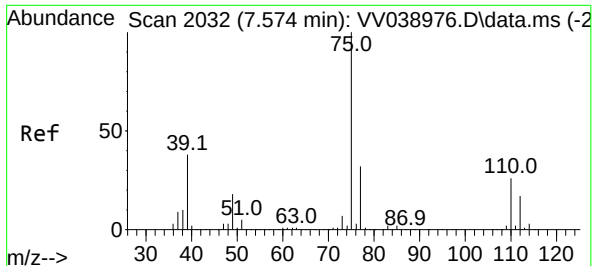
Tgt Ion: 43 Resp: 1295308
Ion Ratio Lower Upper
43 100
58 41.5 34.6 51.8



#52
Toluene
Concen: 19.646 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 92 Resp: 464422
Ion Ratio Lower Upper
92 100
91 172.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 18.789 ug/l

RT: 7.577 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

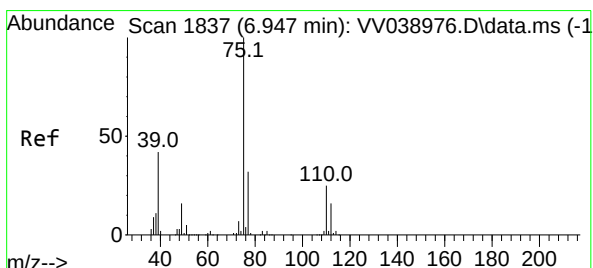
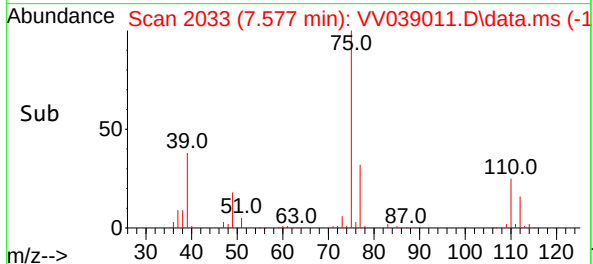
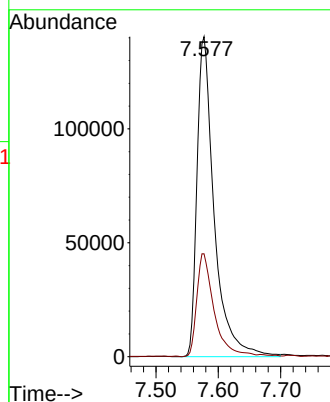
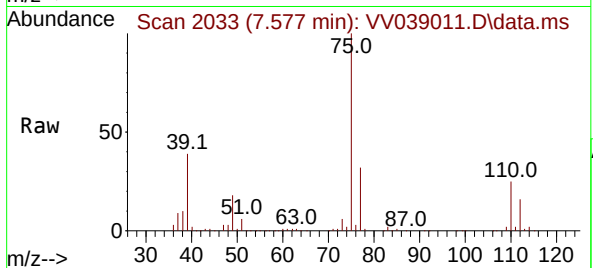
VV0822WBS01

Tgt Ion: 75 Resp: 268515

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.107 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

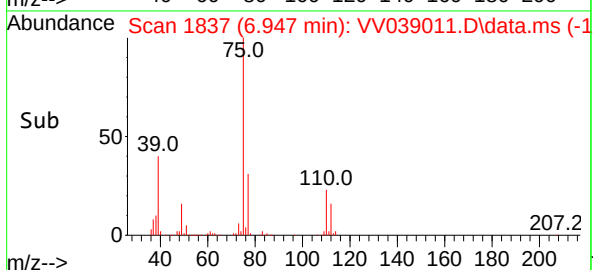
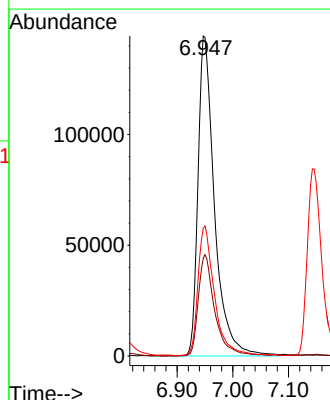
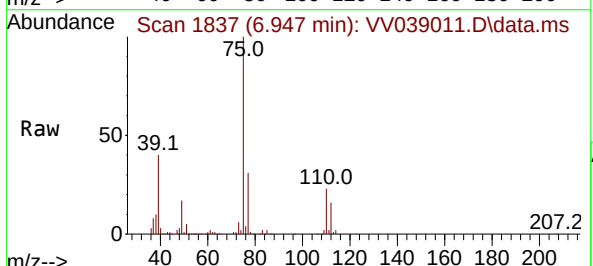
Tgt Ion: 75 Resp: 297722

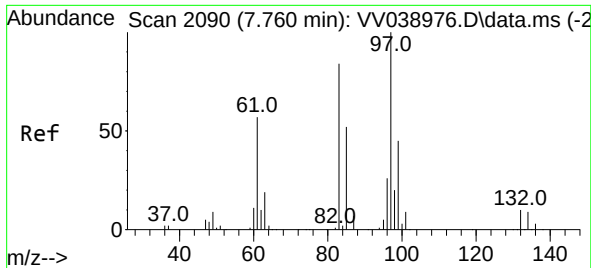
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 39.8 33.3 49.9

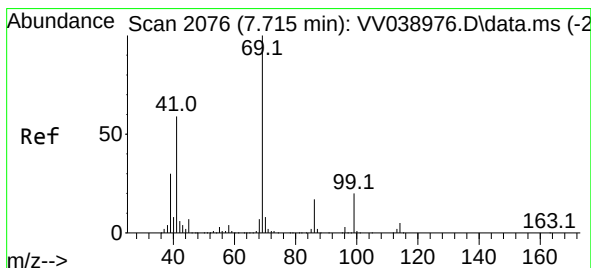
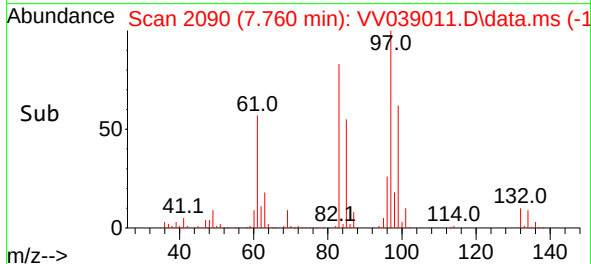
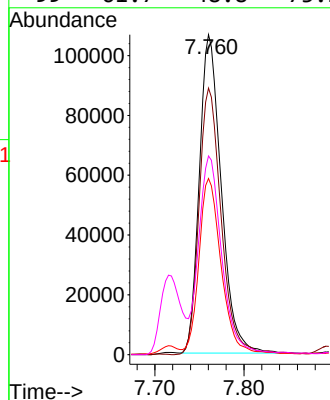
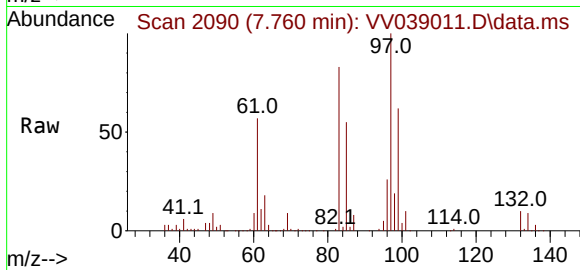




#55
1,1,2-Trichloroethane
Concen: 17.617 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

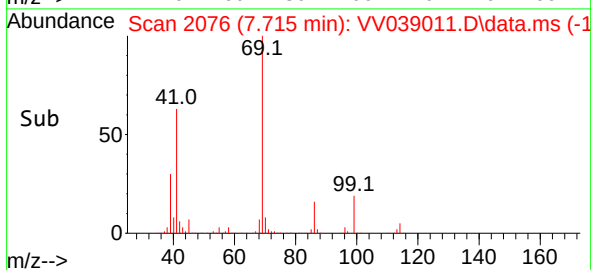
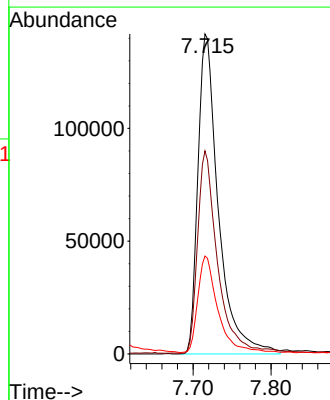
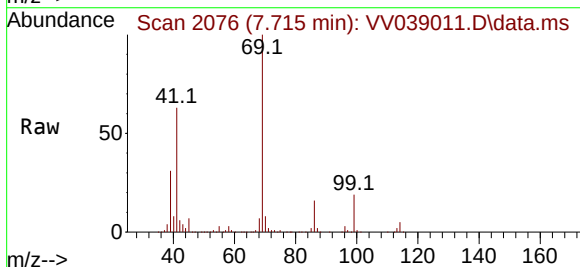
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

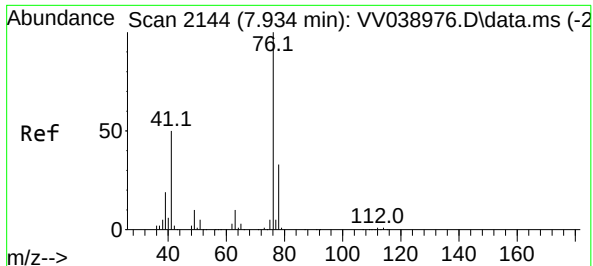
Tgt Ion:	97	Resp:	181577
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.2	100.8
85	54.9	42.7	64.1
99	61.7	48.8	73.2



#56
Ethyl methacrylate
Concen: 17.539 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion:	69	Resp:	259746
Ion	Ratio	Lower	Upper
69	100		
41	62.1	47.5	71.3
39	29.3	24.2	36.2





#57

1,3-Dichloropropane

Concen: 18.672 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

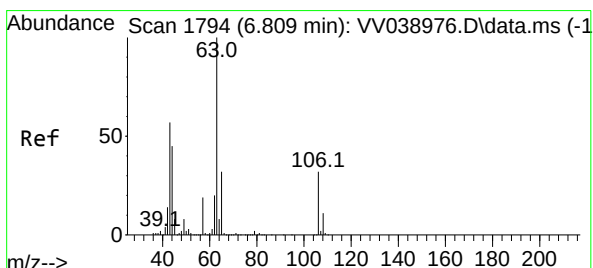
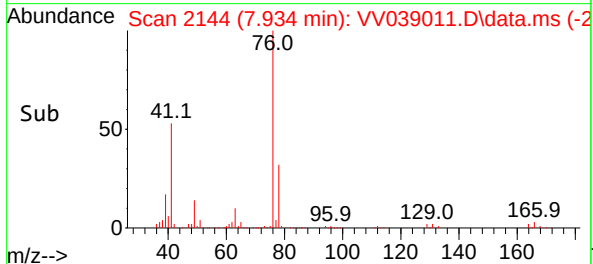
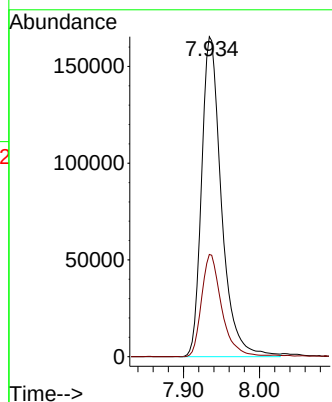
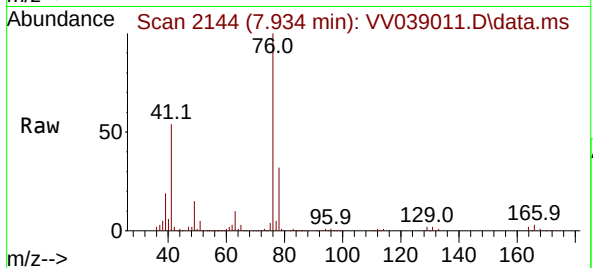
VV0822WBS01

Tgt Ion: 76 Resp: 300100

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.659 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039011.D

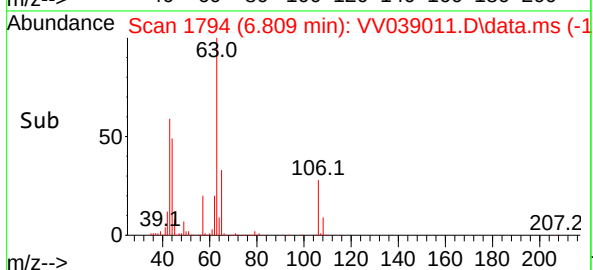
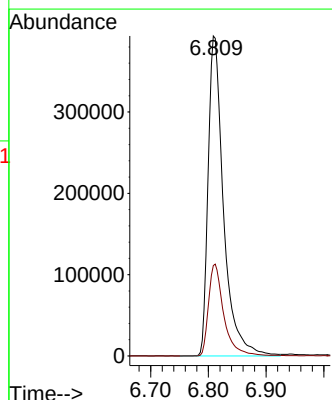
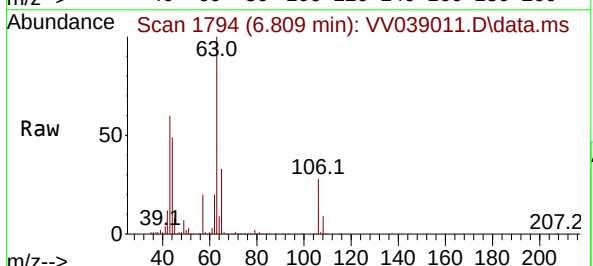
Acq: 22 Aug 2025 11:22

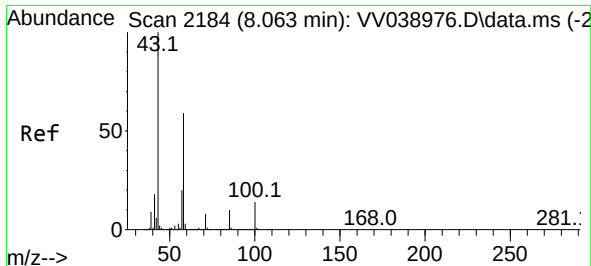
Tgt Ion: 63 Resp: 728562

Ion Ratio Lower Upper

63 100

106 28.5 25.6 38.4





#59

2-Hexanone

Concen: 85.593 ug/l

RT: 8.062 min Scan# 2184

Delta R.T. -0.001 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

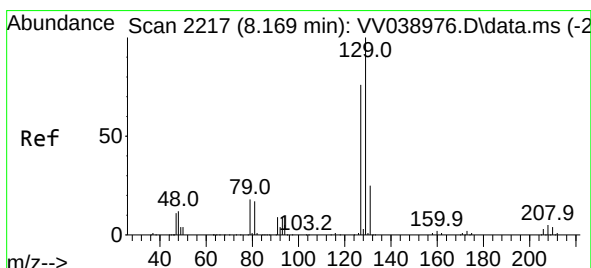
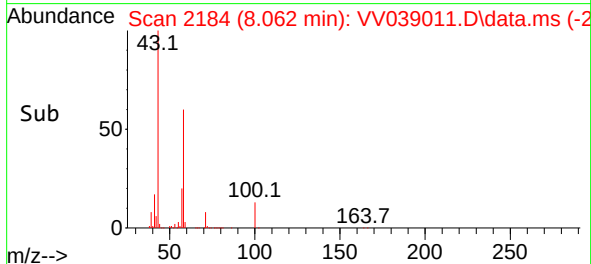
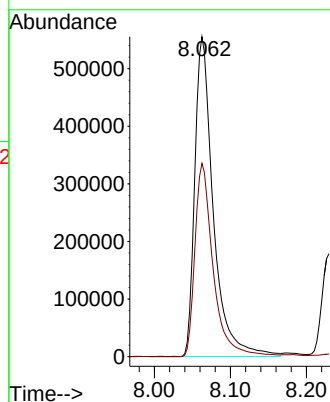
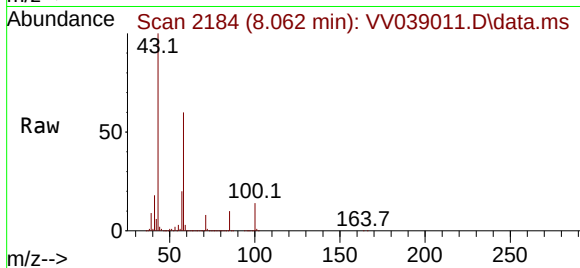
VV0822WBS01

Tgt Ion: 43 Resp: 939591

Ion Ratio Lower Upper

43 100

58 59.6 29.8 89.4



#60

Dibromochloromethane

Concen: 16.757 ug/l

RT: 8.165 min Scan# 2216

Delta R.T. -0.003 min

Lab File: VV039011.D

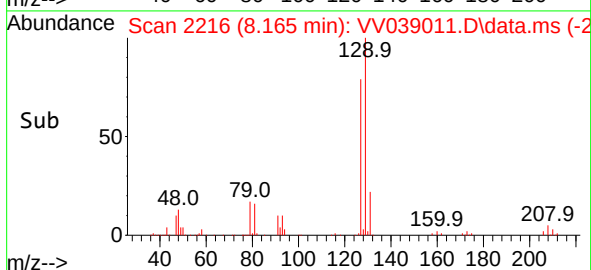
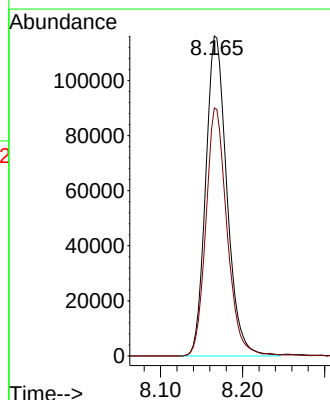
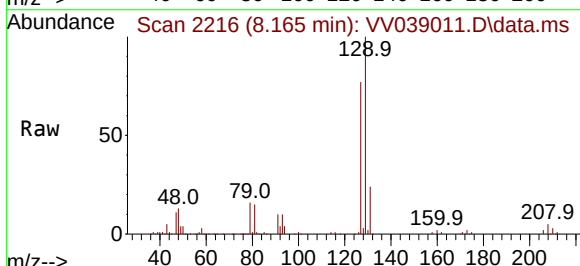
Acq: 22 Aug 2025 11:22

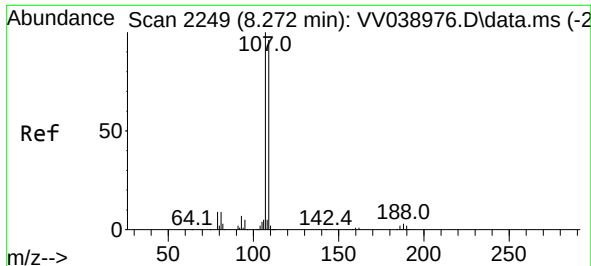
Tgt Ion:129 Resp: 208554

Ion Ratio Lower Upper

129 100

127 77.0 38.4 115.1

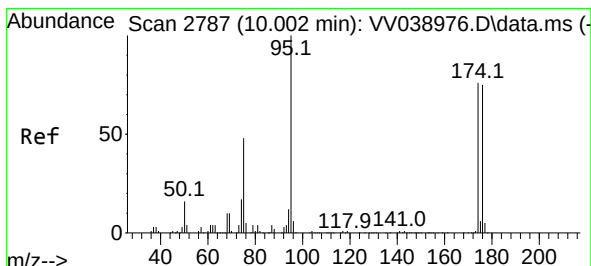
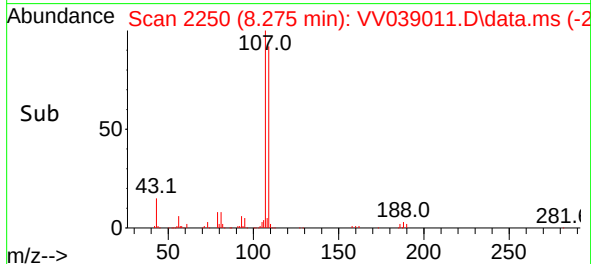
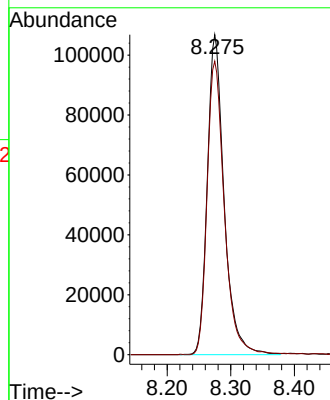
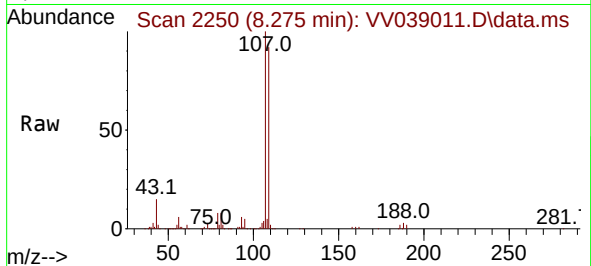




#61
1,2-Dibromoethane
Concen: 18.299 ug/l
RT: 8.275 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

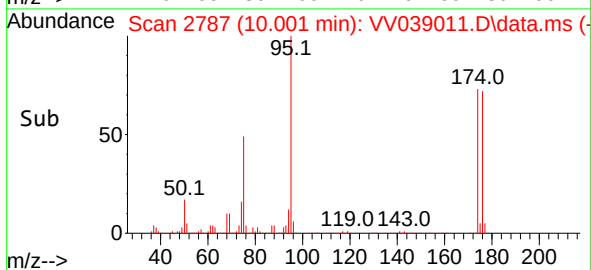
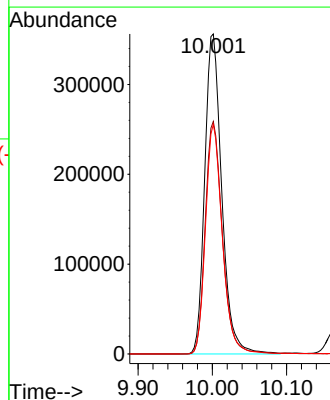
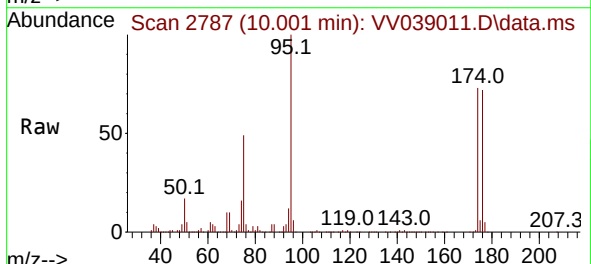
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

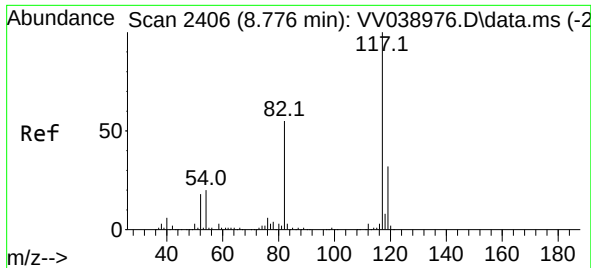
Tgt Ion:107 Resp: 195674
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.476 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 95 Resp: 567460
Ion Ratio Lower Upper
95 100
174 73.1 0.0 154.4
176 71.1 0.0 148.6

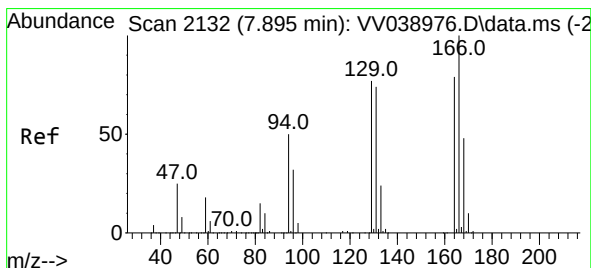
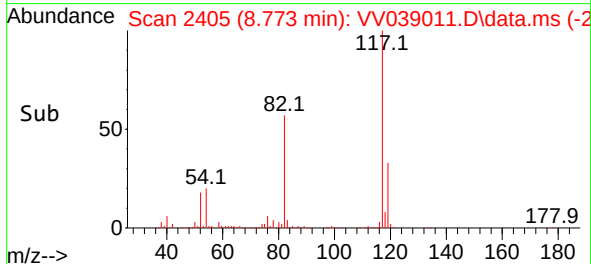
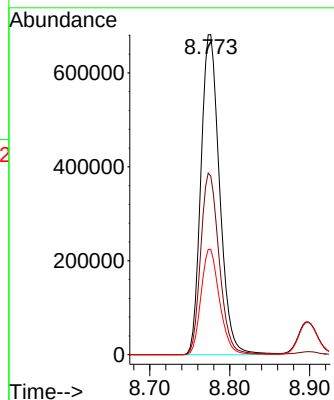
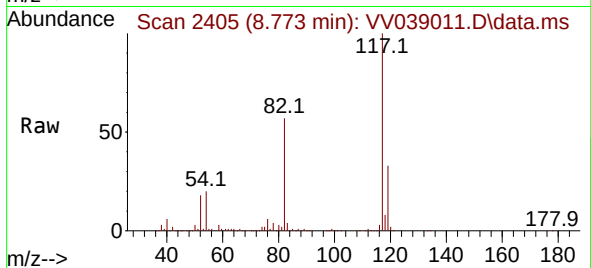




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

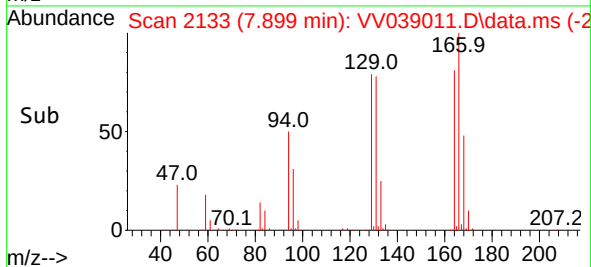
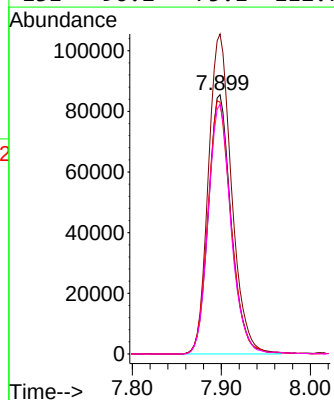
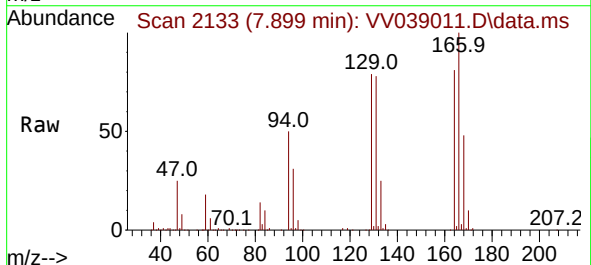
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

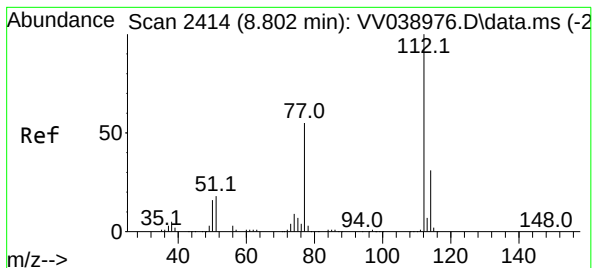
Tgt Ion:117 Resp: 1111109
Ion Ratio Lower Upper
117 100
82 56.7 44.4 66.6
119 32.9 26.0 39.0



#64
Tetrachloroethene
Concen: 18.320 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion:164 Resp: 151467
Ion Ratio Lower Upper
164 100
166 123.5 101.8 152.6
129 97.2 78.7 118.1
131 96.2 75.1 112.7





#65

Chlorobenzene

Concen: 18.822 ug/l

RT: 8.805 min Scan# 2414

Delta R.T. 0.003 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

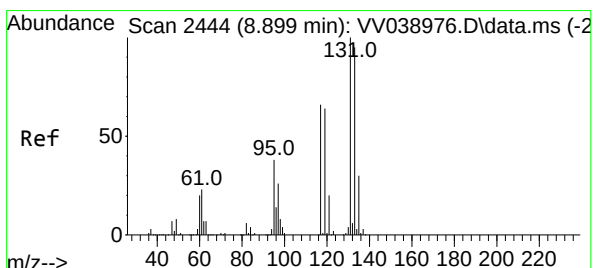
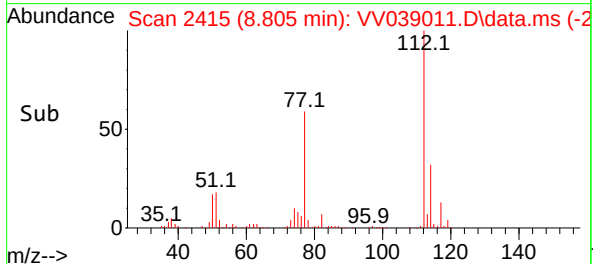
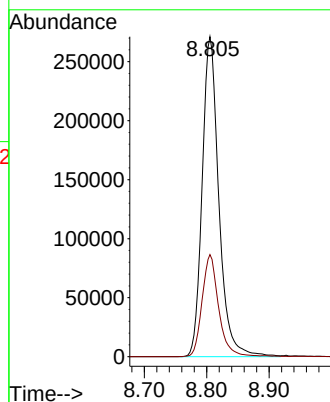
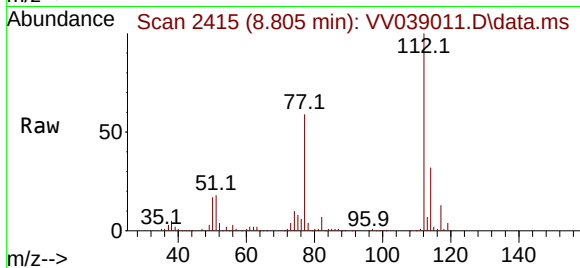
VV0822WBS01

Tgt Ion:112 Resp: 504227

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 18.454 ug/l

RT: 8.898 min Scan# 2444

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

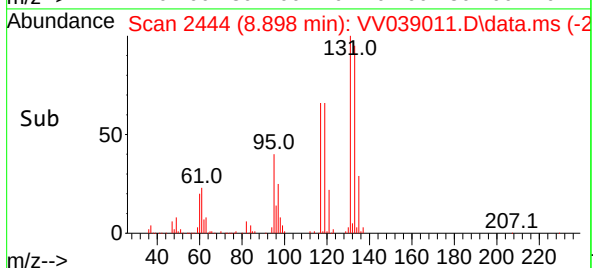
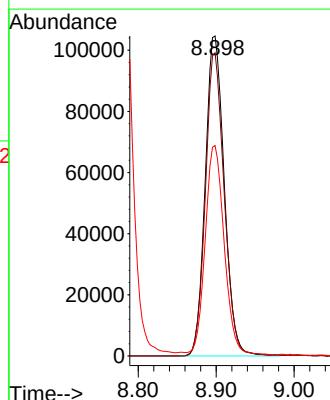
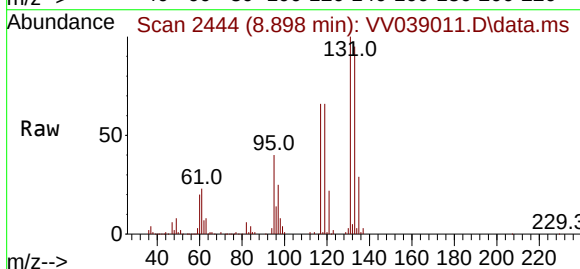
Tgt Ion:131 Resp: 177471

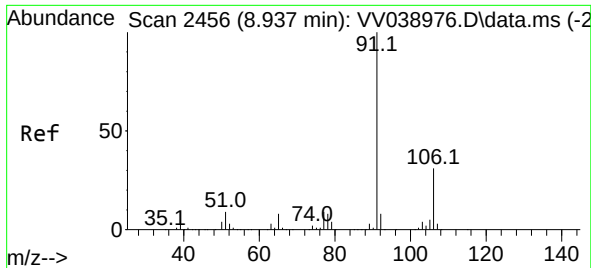
Ion Ratio Lower Upper

131 100

133 93.6 47.6 142.9

119 65.9 32.1 96.3

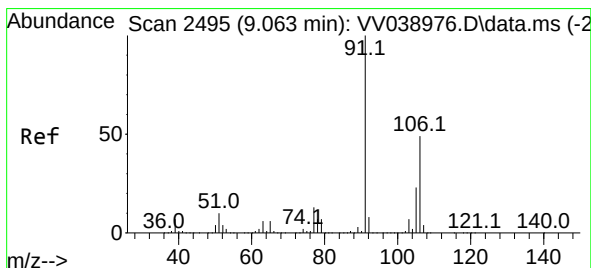
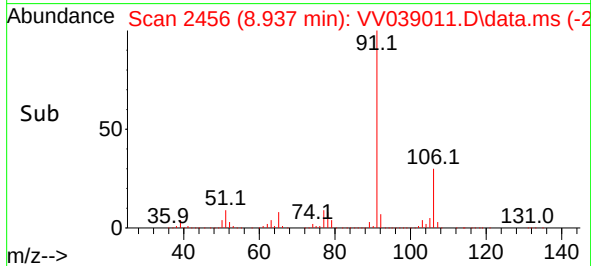
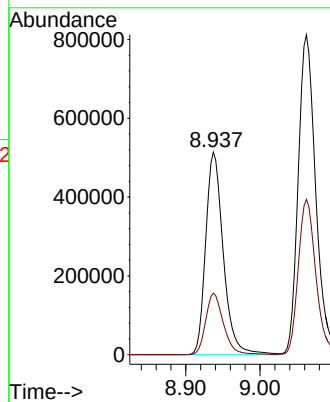
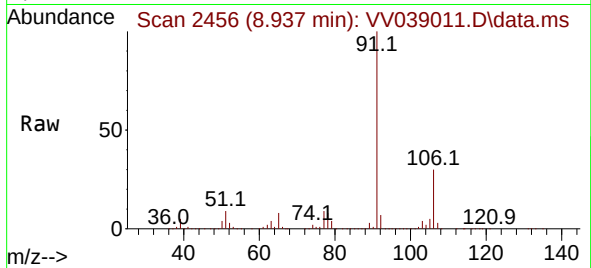




#67
Ethyl Benzene
Concen: 20.681 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

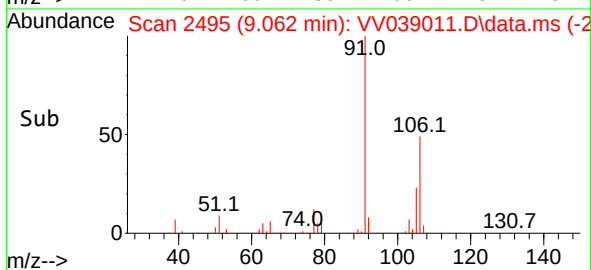
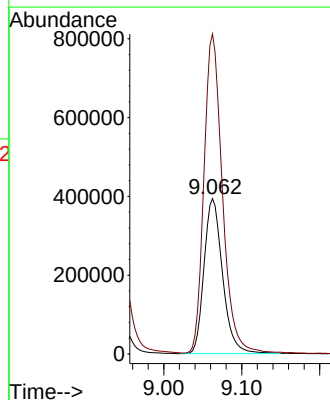
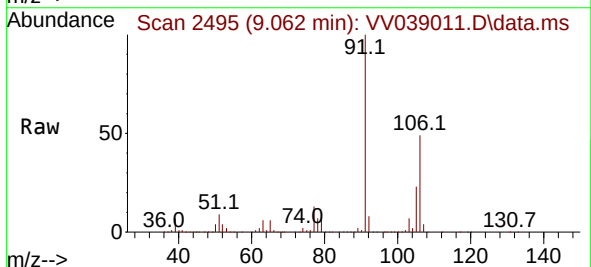
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

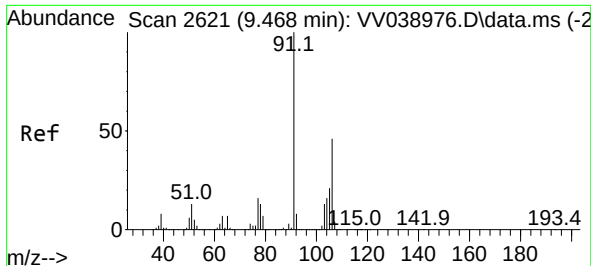
Tgt Ion: 91 Resp: 845777
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 40.971 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion:106 Resp: 650761
Ion Ratio Lower Upper
106 100
91 206.1 163.6 245.4

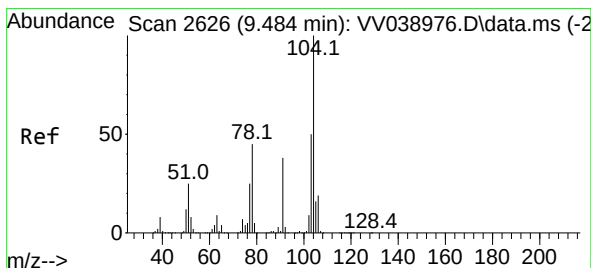
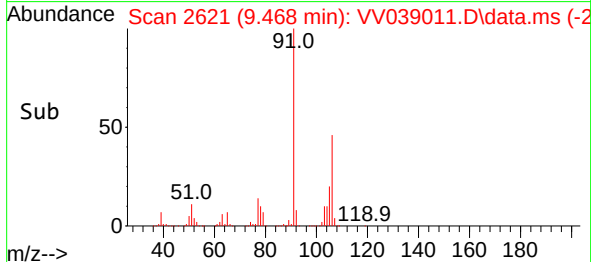
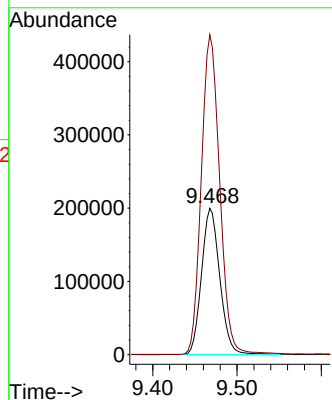
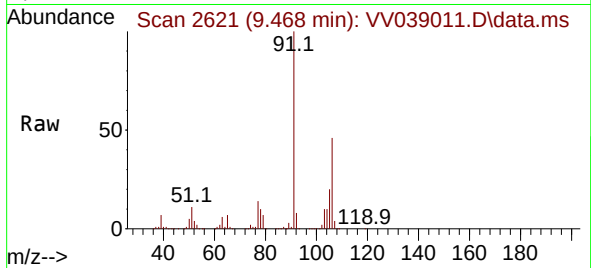




#69
o-Xylene
Concen: 20.820 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

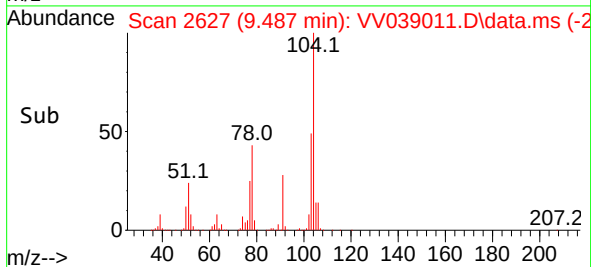
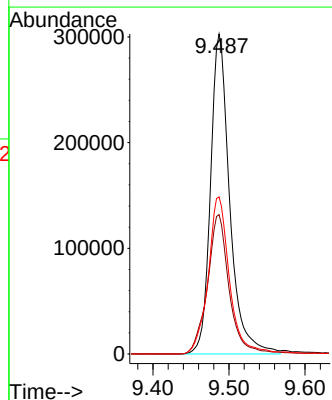
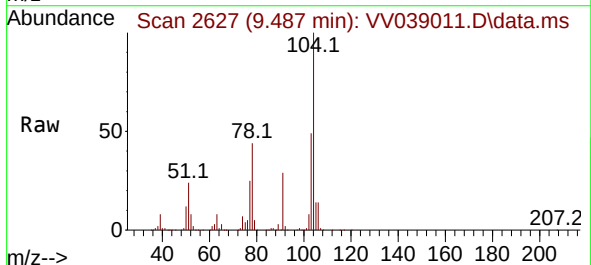
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

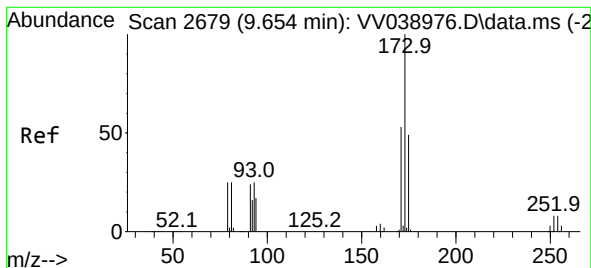
Tgt Ion:106 Resp: 301415
Ion Ratio Lower Upper
106 100
91 220.7 108.0 324.0



#70
Styrene
Concen: 21.408 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion:104 Resp: 531727
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.8
103 54.5 43.5 65.3





#71

Bromoform

Concen: 17.716 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

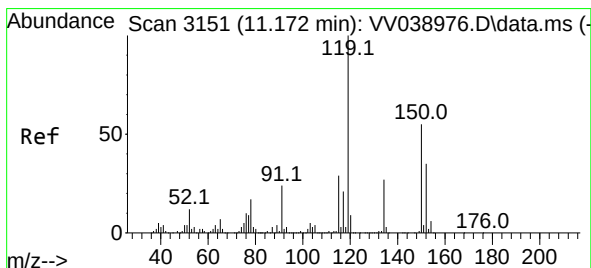
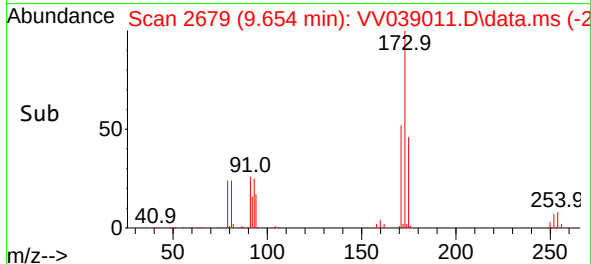
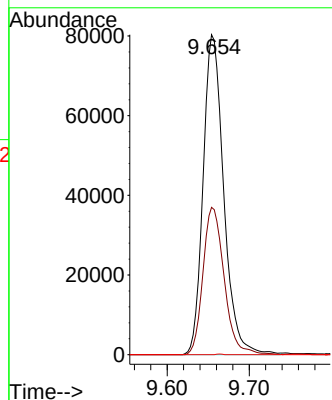
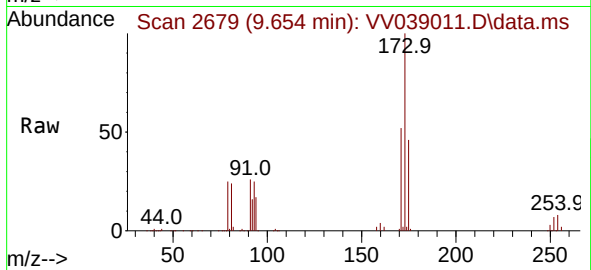
Tgt Ion:173 Resp: 140378

Ion Ratio Lower Upper

173 100

175 47.3 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: VV039011.D

Acq: 22 Aug 2025 11:22

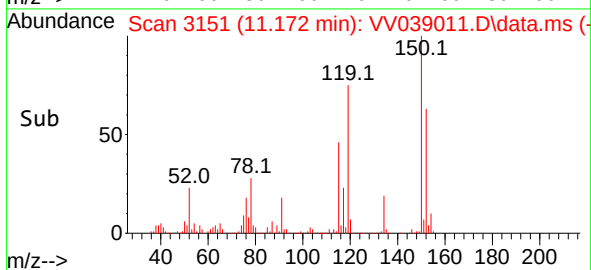
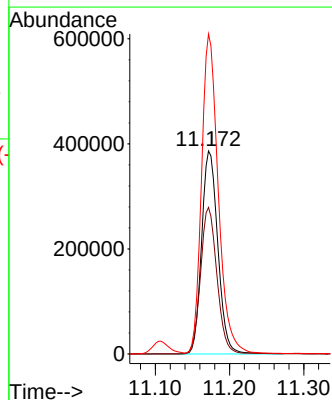
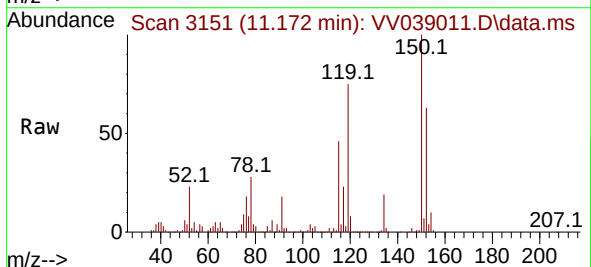
Tgt Ion:152 Resp: 587275

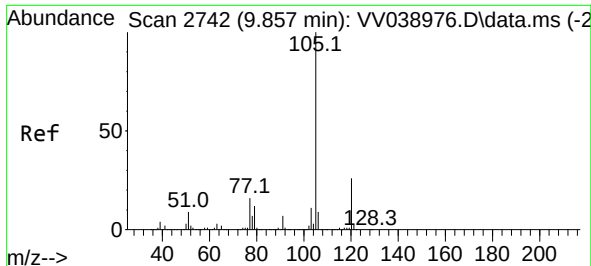
Ion Ratio Lower Upper

152 100

115 72.6 42.5 127.5

150 162.1 0.0 344.8

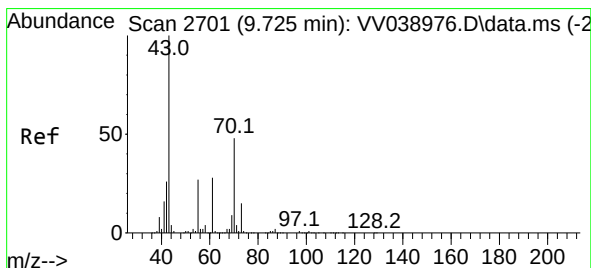
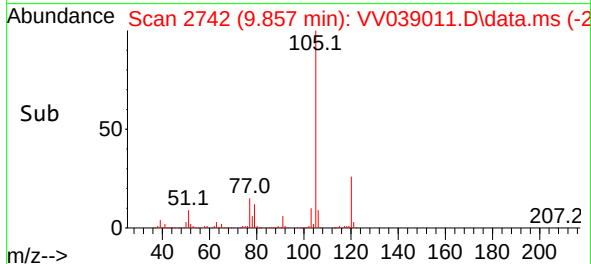
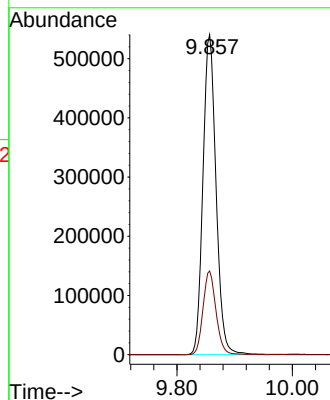
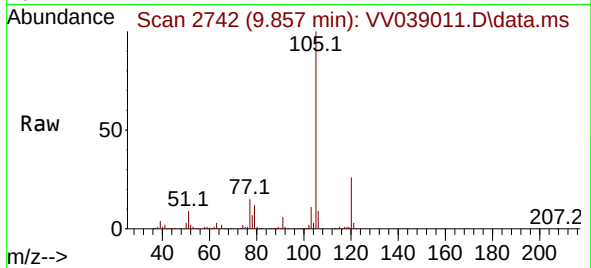




#73
Isopropylbenzene
Concen: 21.539 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

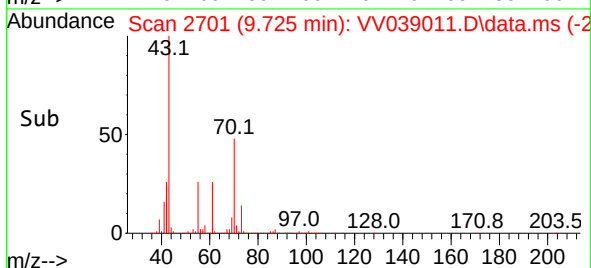
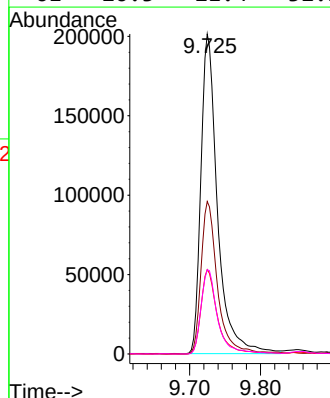
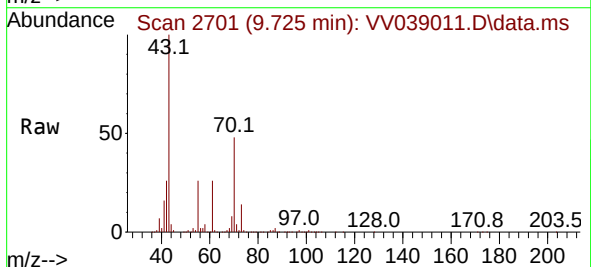
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

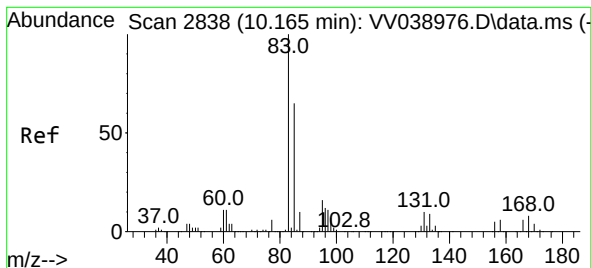
Tgt Ion:105 Resp: 848803
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 22.720 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 43 Resp: 328035
Ion Ratio Lower Upper
43 100
70 46.7 38.3 57.5
55 26.3 21.6 32.4
61 26.3 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.549 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

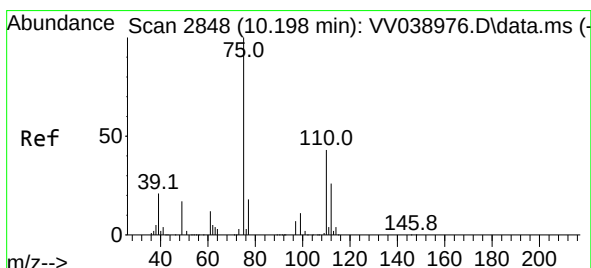
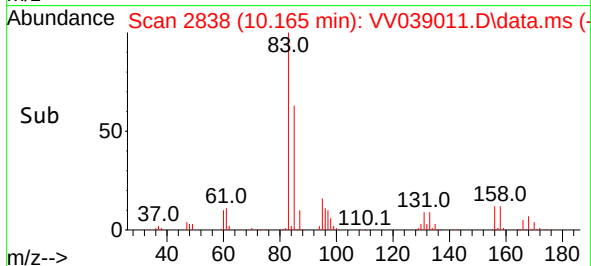
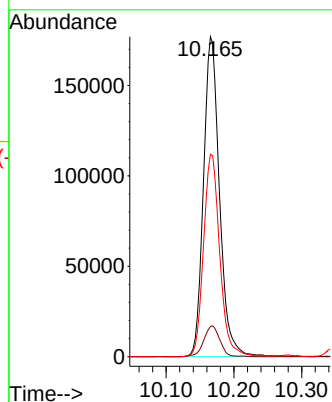
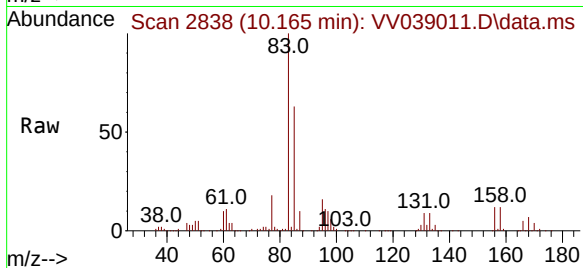
Tgt Ion: 83 Resp: 290305

Ion Ratio Lower Upper

83 100

131 9.6 5.3 15.9

85 63.9 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 19.741 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV039011.D

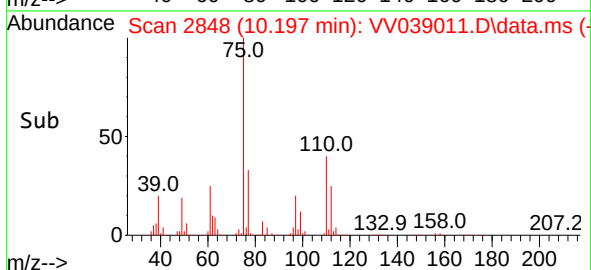
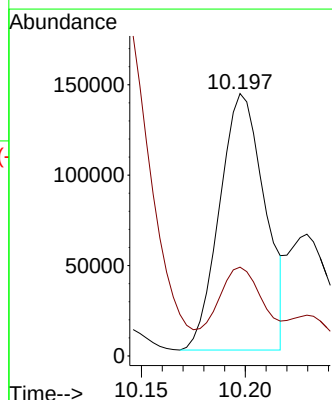
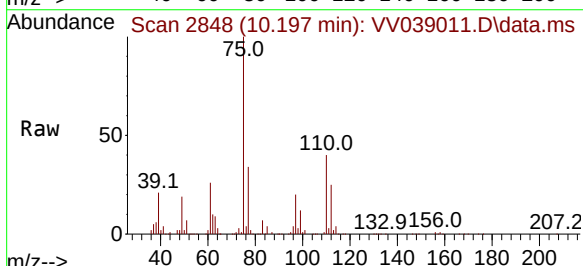
Acq: 22 Aug 2025 11:22

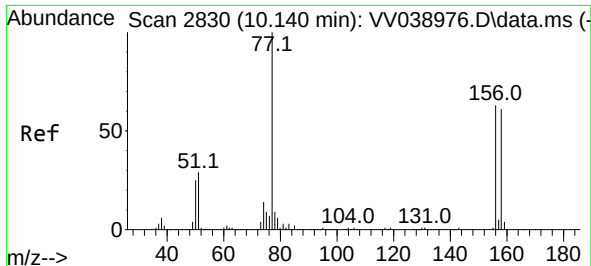
Tgt Ion: 75 Resp: 215047

Ion Ratio Lower Upper

75 100

77 21.3 11.3 33.8

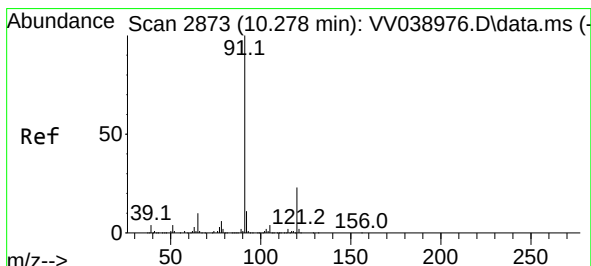
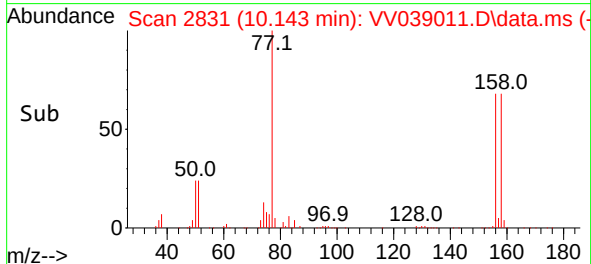
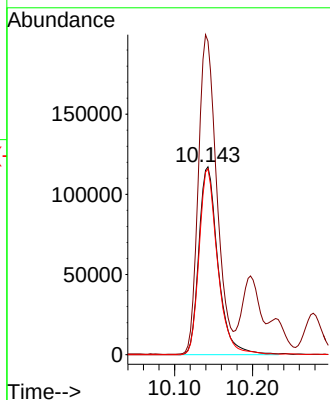
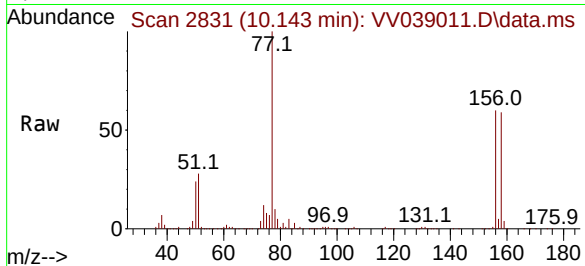




#77
Bromobenzene
Concen: 19.746 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

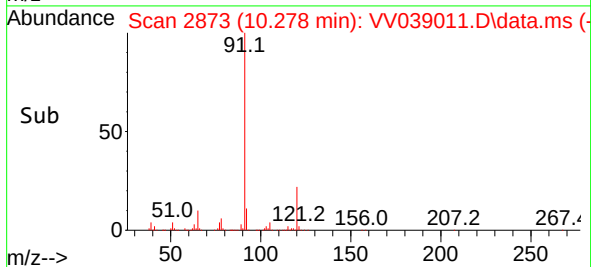
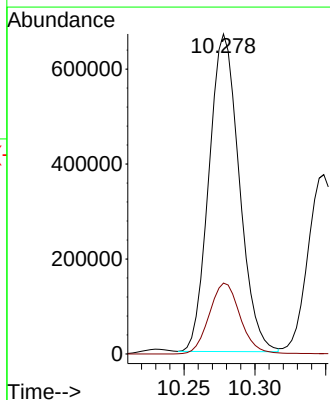
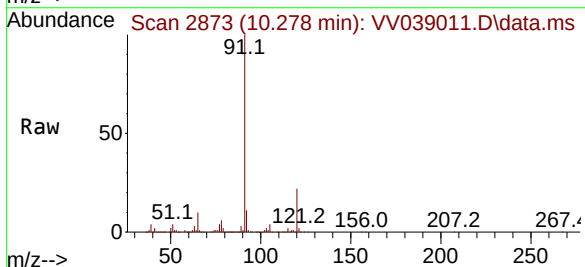
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

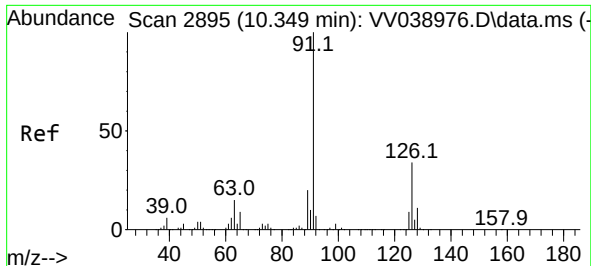
Tgt Ion:156 Resp: 199933
Ion Ratio Lower Upper
156 100
77 162.7 79.0 237.0
158 95.7 48.6 145.9



#78
n-propylbenzene
Concen: 21.144 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 91 Resp: 994866
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4

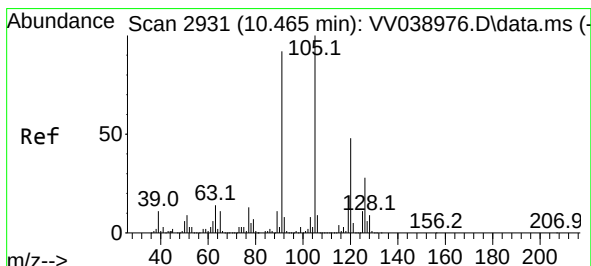
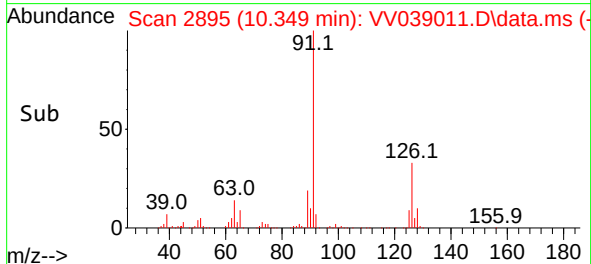
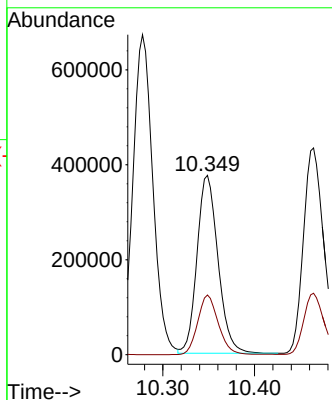
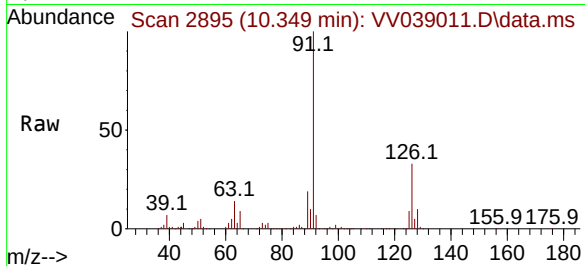




#79
2-Chlorotoluene
Concen: 21.098 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

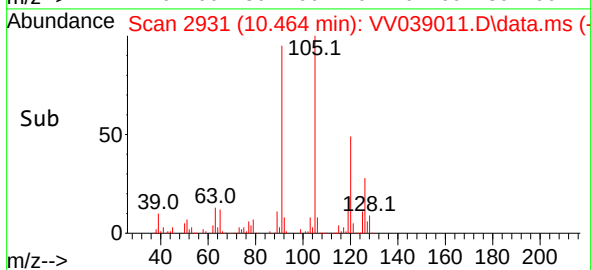
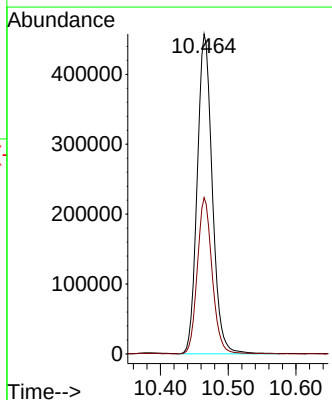
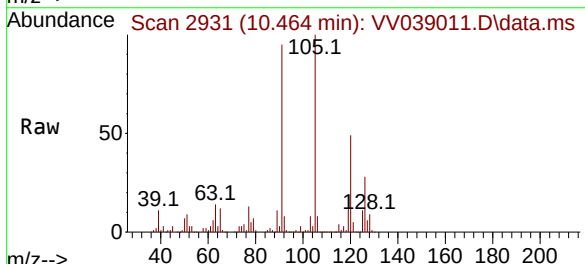
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

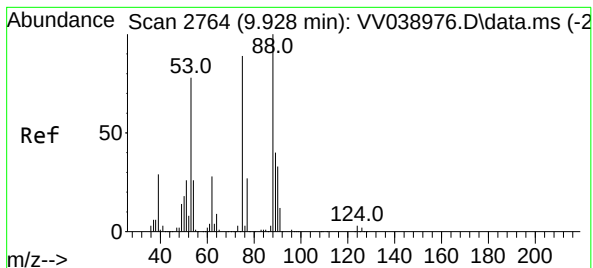
Tgt Ion: 91 Resp: 596013
Ion Ratio Lower Upper
91 100
126 33.2 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 21.274 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 105 Resp: 705518
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

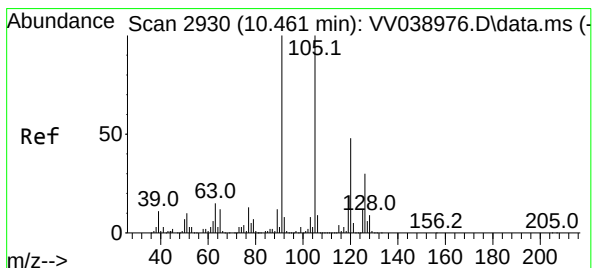
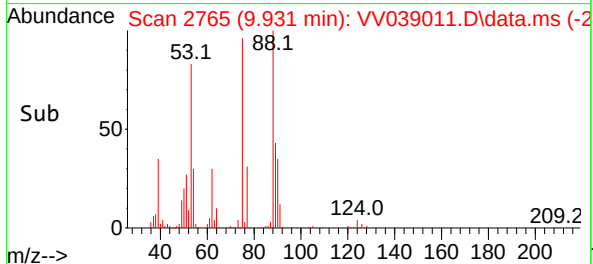
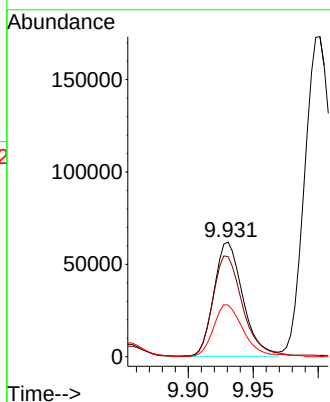
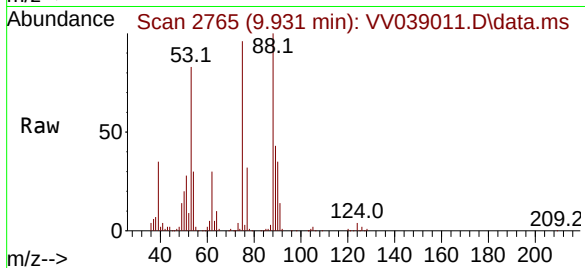




#81
trans-1,4-Dichloro-2-butene
Concen: 20.136 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

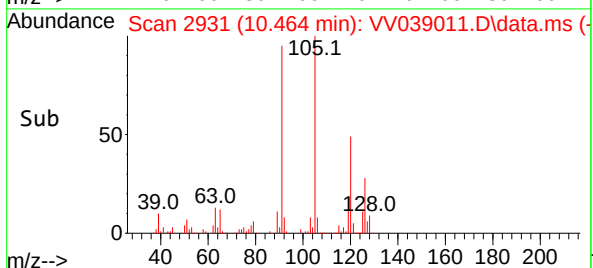
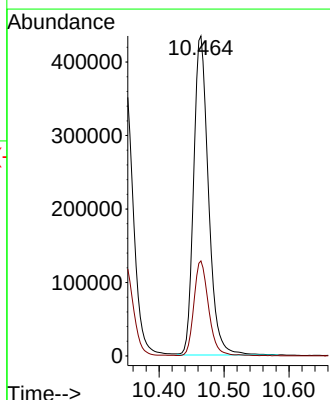
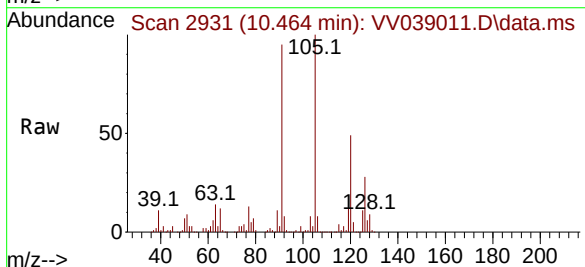
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

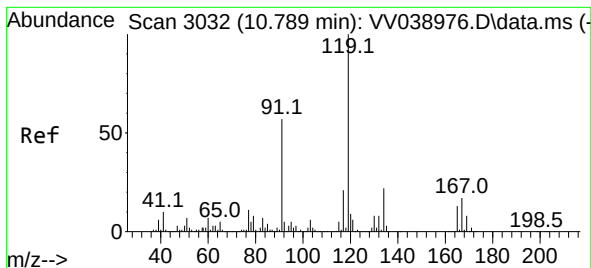
Tgt Ion: 75 Resp: 95539
Ion Ratio Lower Upper
75 100
53 91.9 70.3 105.5
89 47.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.185 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 91 Resp: 689787
Ion Ratio Lower Upper
91 100
126 29.0 14.9 44.5





#83

tert-Butylbenzene

Concen: 21.587 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

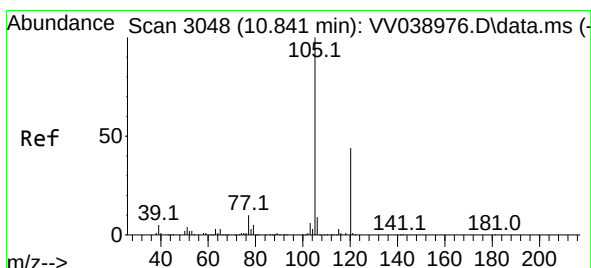
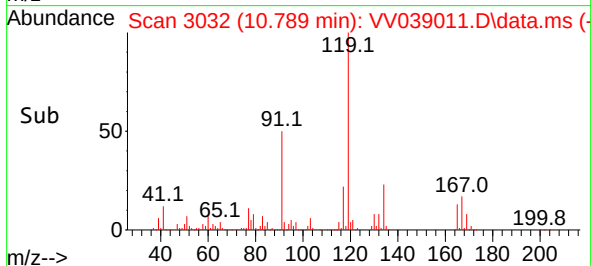
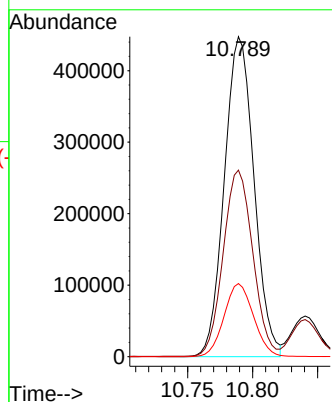
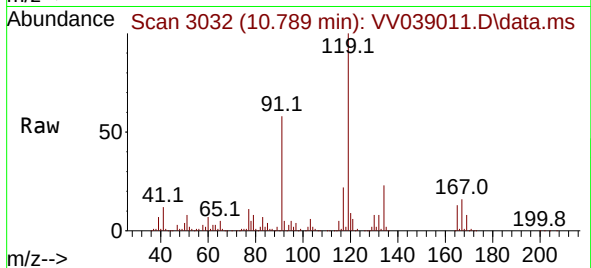
Tgt Ion:119 Resp: 710863

Ion Ratio Lower Upper

119 100

91 58.1 28.4 85.3

134 22.7 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 22.548 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV039011.D

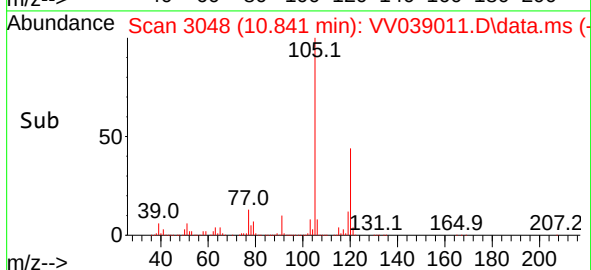
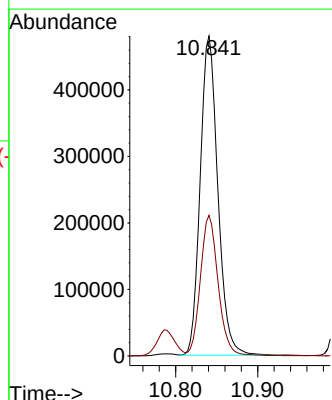
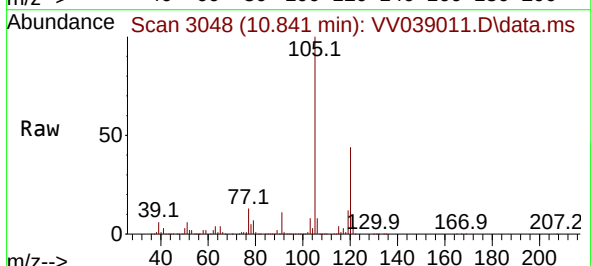
Acq: 22 Aug 2025 11:22

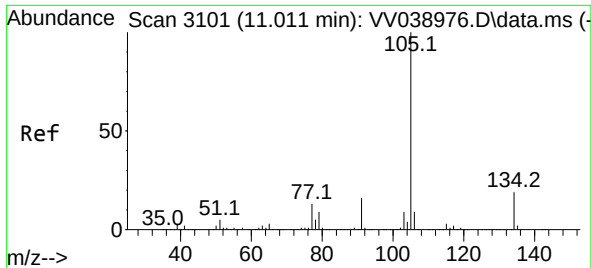
Tgt Ion:105 Resp: 715608

Ion Ratio Lower Upper

105 100

120 44.1 22.8 68.3

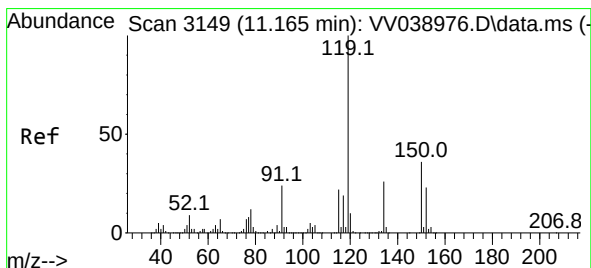
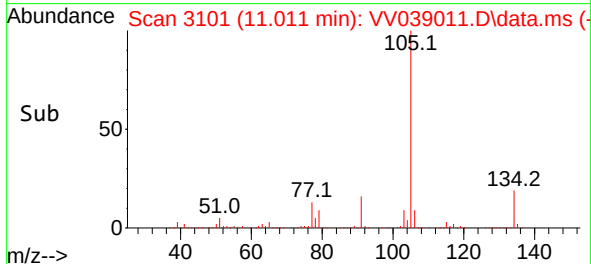
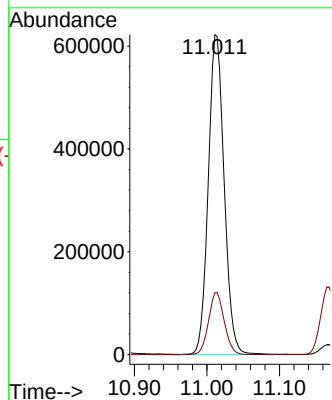
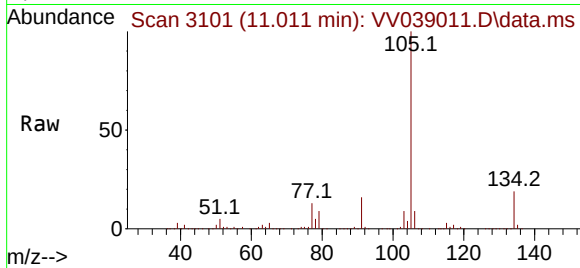




#85
 sec-Butylbenzene
 Concen: 22.073 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV039011.D
 Acq: 22 Aug 2025 11:22

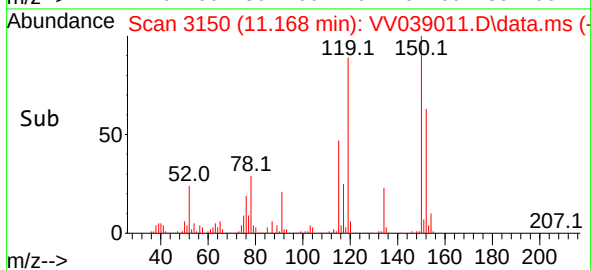
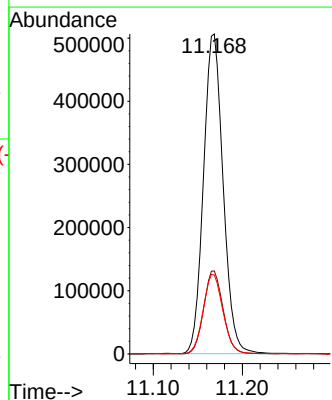
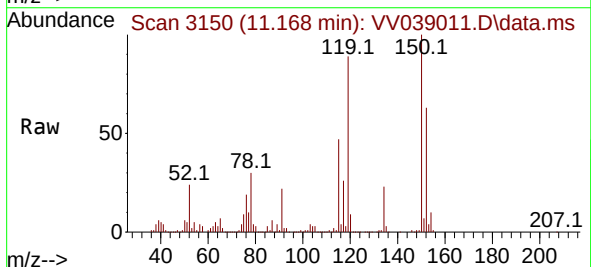
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBS01

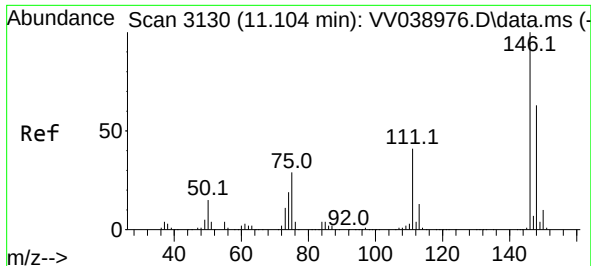
Tgt Ion:105 Resp: 945306
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 21.388 ug/l
 RT: 11.168 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV039011.D
 Acq: 22 Aug 2025 11:22

Tgt Ion:119 Resp: 771372
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 25.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 19.565 ug/l

RT: 11.107 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

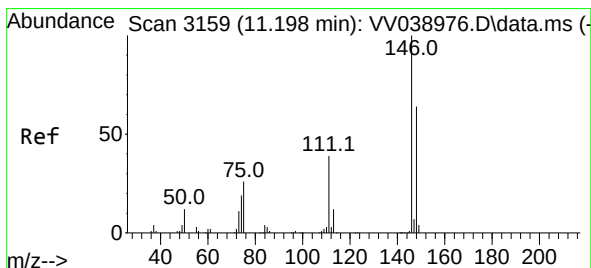
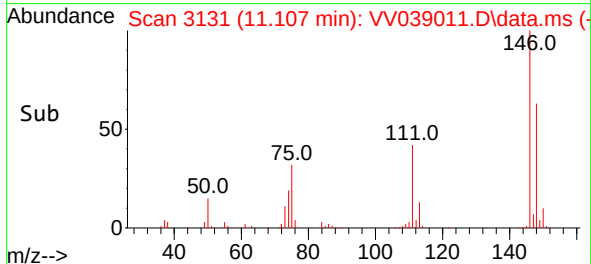
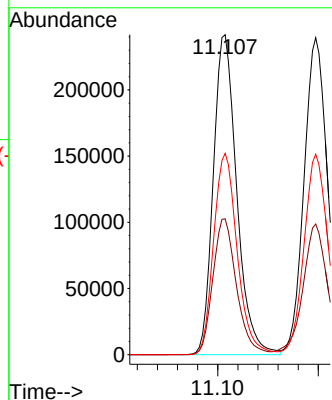
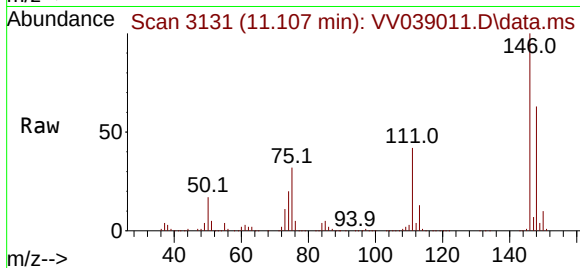
Tgt Ion:146 Resp: 391168

Ion Ratio Lower Upper

146 100

111 42.8 20.5 61.6

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.738 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

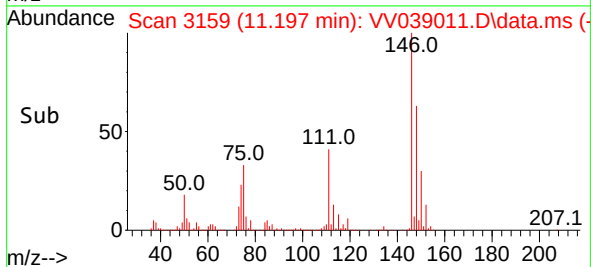
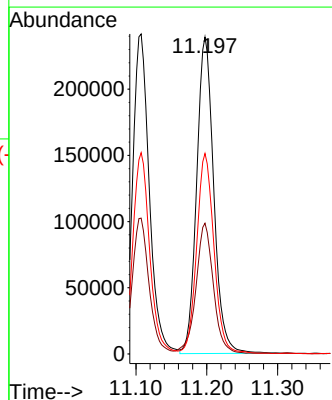
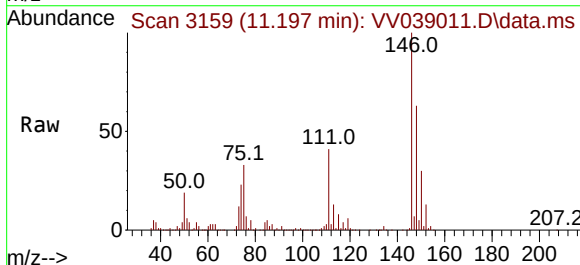
Tgt Ion:146 Resp: 399628

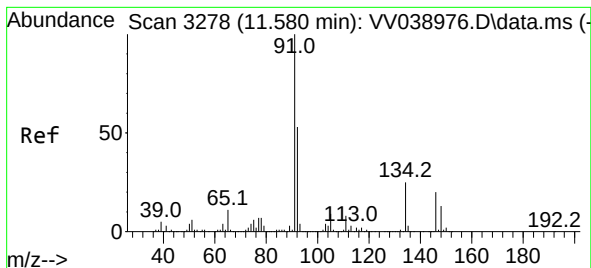
Ion Ratio Lower Upper

146 100

111 42.1 20.0 60.0

148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 20.801 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

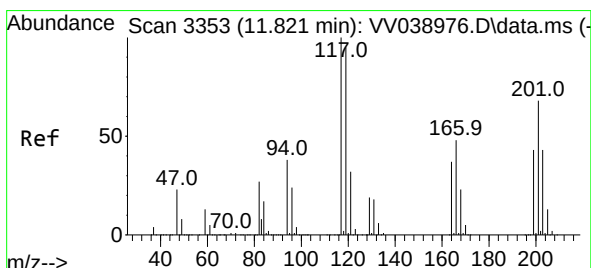
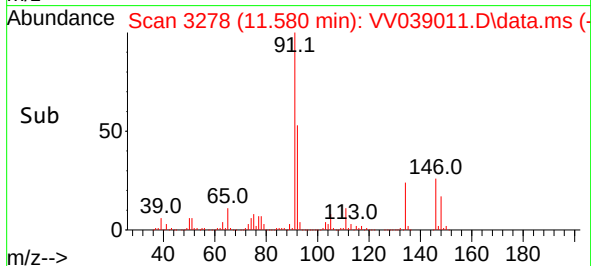
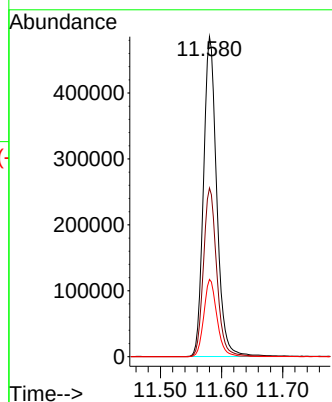
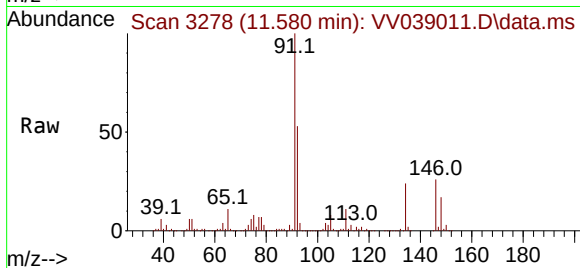
Tgt Ion: 91 Resp: 730918

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 24.0 12.6 37.8



#90

Hexachloroethane

Concen: 17.991 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV039011.D

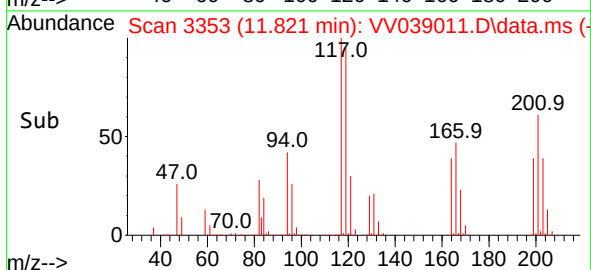
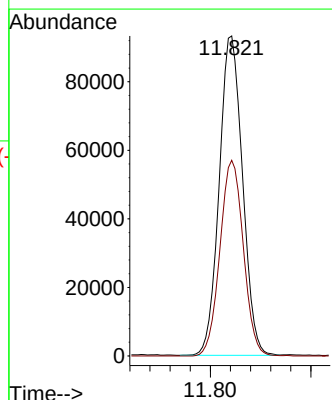
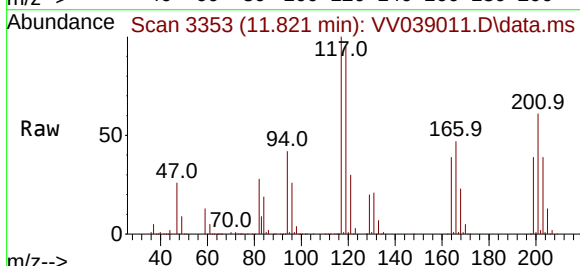
Acq: 22 Aug 2025 11:22

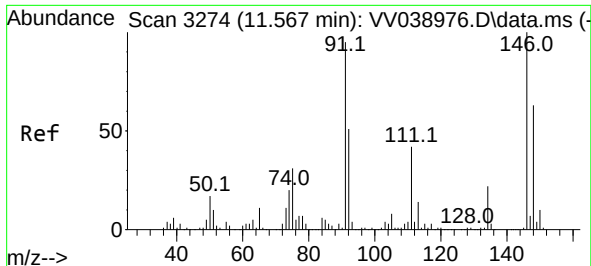
Tgt Ion: 117 Resp: 149961

Ion Ratio Lower Upper

117 100

201 61.5 33.7 101.0

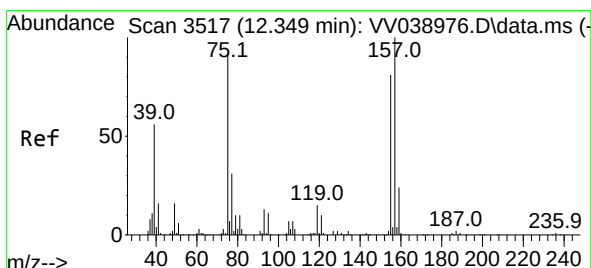
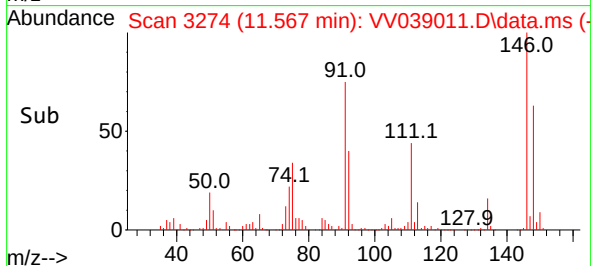
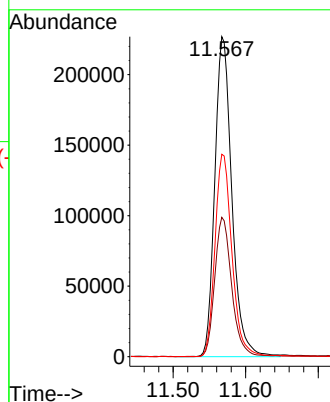
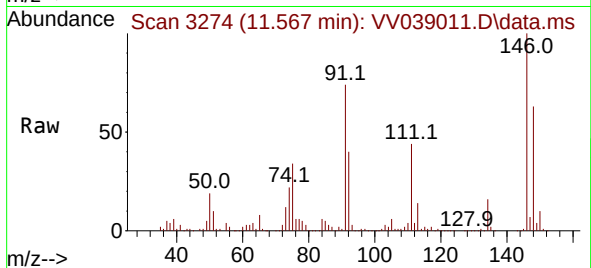




#91
1,2-Dichlorobenzene
Concen: 19.449 ug/l
RT: 11.567 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

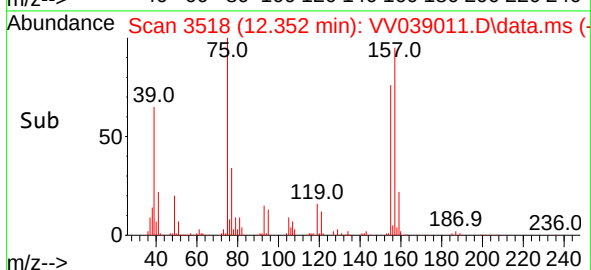
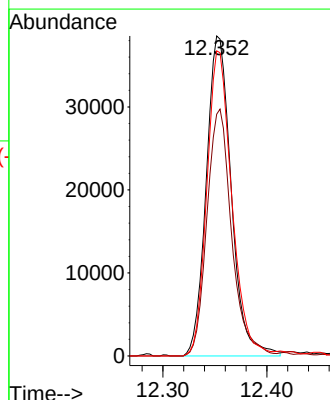
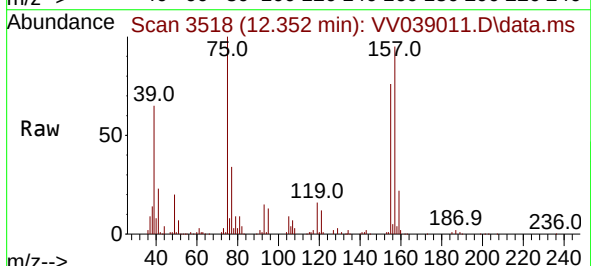
Instrument :
MSVOA_V
ClientSampleId :
VV0822WBS01

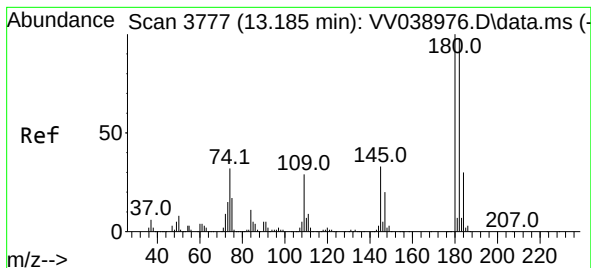
Tgt Ion:146 Resp: 370771
Ion Ratio Lower Upper
146 100
111 43.6 21.1 63.4
148 62.8 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.150 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV039011.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 75 Resp: 64378
Ion Ratio Lower Upper
75 100
155 76.5 43.7 131.1
157 95.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.908 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

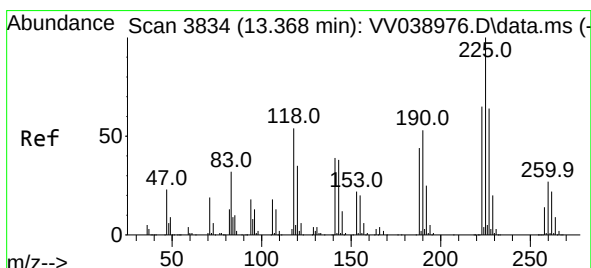
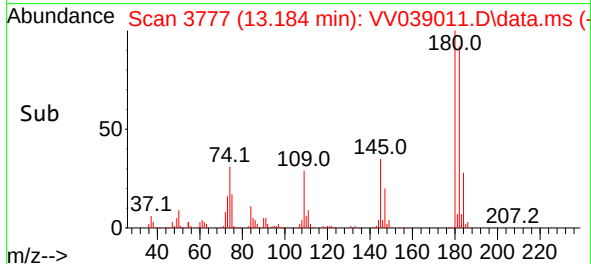
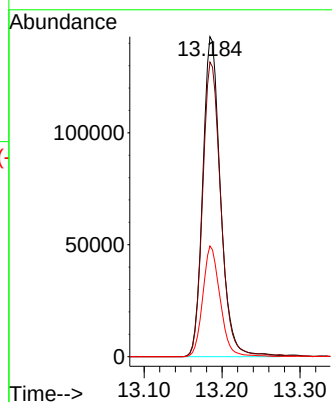
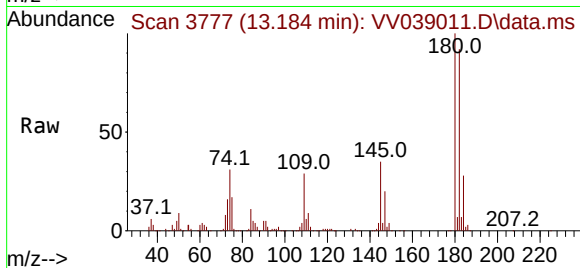
Tgt Ion:180 Resp: 226476

Ion Ratio Lower Upper

180 100

182 94.2 47.3 142.0

145 33.9 16.3 48.8



#94

Hexachlorobutadiene

Concen: 17.268 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

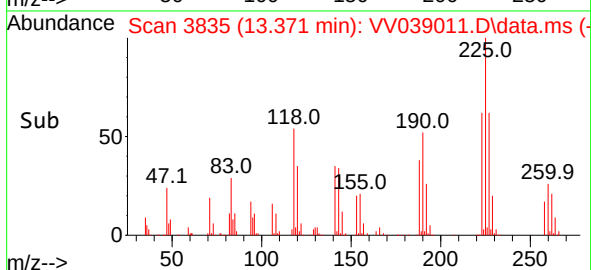
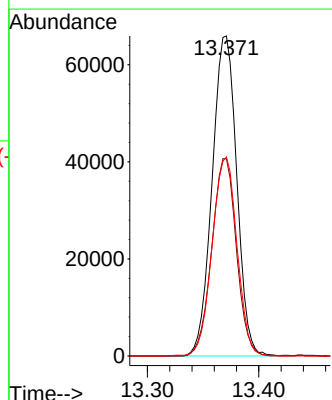
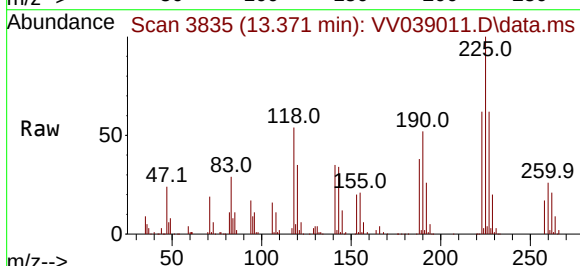
Tgt Ion:225 Resp: 101272

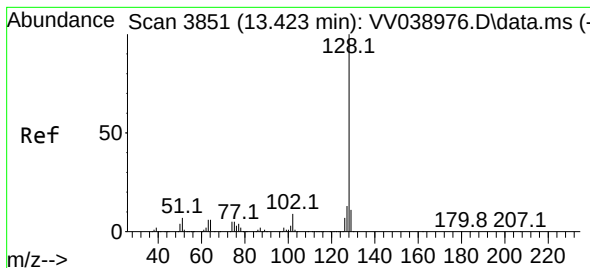
Ion Ratio Lower Upper

225 100

223 61.7 31.9 95.7

227 62.8 30.8 92.3





#95

Naphthalene

Concen: 21.965 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_V

ClientSampleId :

VV0822WBS01

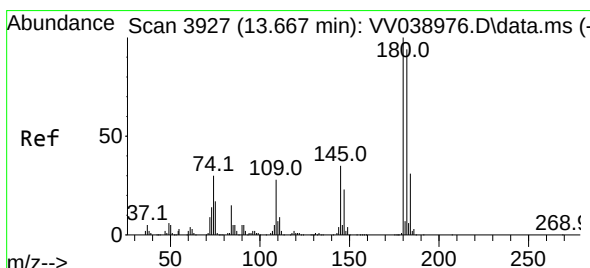
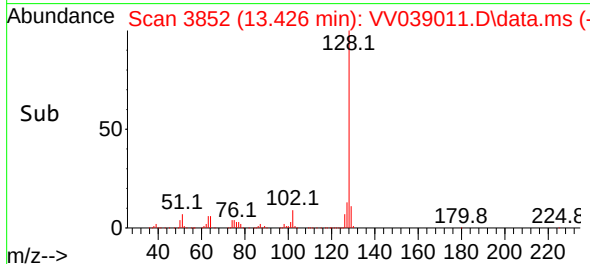
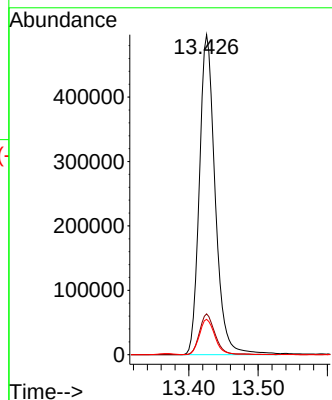
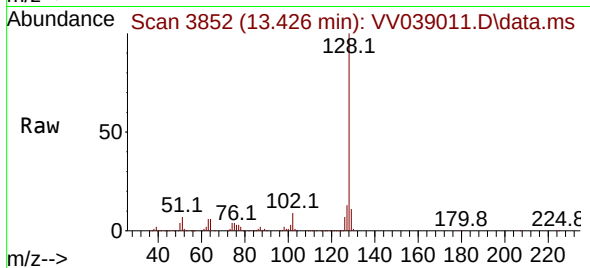
Tgt Ion:128 Resp: 788574

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.850 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV039011.D

Acq: 22 Aug 2025 11:22

Tgt Ion:180 Resp: 227696

Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.0

145 35.3 17.3 52.0

