

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038973.D
 Acq On : 21 Aug 2025 09:05
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 03:43:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:31:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	361688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	636070	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	596513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	251713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.963	65	2018	0.398	ug/l	0.02
Spiked Amount	50.000	Range	81 - 118	Recovery	=	0.800%#
35) Dibromofluoromethane	4.519	113	2316	0.486	ug/l	0.02
Spiked Amount	50.000	Range	80 - 119	Recovery	=	0.980%#
50) Toluene-d8	7.255	98	14856	0.893	ug/l	0.02
Spiked Amount	50.000	Range	89 - 112	Recovery	=	1.780%#
62) 4-Bromofluorobenzene	10.017	95	5000	0.822	ug/l	0.02
Spiked Amount	50.000	Range	85 - 114	Recovery	=	1.640%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	6883	1.273	ug/l	96
3) Chloromethane	1.227	50	6352	1.137	ug/l	92
4) Vinyl Chloride	1.297	62	7123	1.209	ug/l	90
5) Bromomethane	1.497	94	4166	1.308	ug/l	84
6) Chloroethane	1.564	64	2862	0.955	ug/l	90
7) Trichlorofluoromethane	1.725	101	9708	1.203	ug/l	94
8) Diethyl Ether	1.918	74	3244	1.307	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.079	101	5954	1.336	ug/l	99
10) Methyl Iodide	2.195	142	6348	1.145	ug/l	98
11) Tert butyl alcohol	2.571	59	3471	5.053	ug/l #	77
12) 1,1-Dichloroethene	2.085	96	4880	1.189	ug/l	94
13) Acrolein	2.008	56	3283	Below Cal		84
14) Allyl chloride	2.358	41	6298	1.149	ug/l	93
15) Acrylonitrile	2.699	53	8398	4.019	ug/l #	92
16) Acetone	2.121	43	14090	6.917	ug/l	92
17) Carbon Disulfide	2.256	76	13201	1.156	ug/l #	94
18) Methyl Acetate	2.394	43	2765	0.640	ug/l #	80
19) Methyl tert-butyl Ether	2.715	73	11785	0.971	ug/l	96
20) Methylene Chloride	2.458	84	5824	1.230	ug/l	96
21) trans-1,2-Dichloroethene	2.709	96	4171	0.976	ug/l #	82
22) Diisopropyl ether	3.217	45	10165	0.845	ug/l #	32
23) Vinyl Acetate	3.220	43	34989	3.632	ug/l #	88
24) 1,1-Dichloroethane	3.124	63	9355	1.174	ug/l	97
26) 2,2-Dichloropropane	3.815	77	8938	1.169	ug/l	90
27) cis-1,2-Dichloroethene	3.847	96	3596	0.697	ug/l	61
28) Bromochloromethane	4.159	49	1471	Below Cal	#	28
29) Tetrahydrofuran	4.265	42	6368	3.611	ug/l #	58
30) Chloroform	4.288	83	9932	1.064	ug/l	91
31) Cyclohexane	4.590	56	14264	2.006	ug/l #	37
32) 1,1,1-Trichloroethane	4.513	97	10188	1.190	ug/l #	45
36) 1,1-Dichloropropene	4.757	75	2228	0.360	ug/l #	52
38) Carbon Tetrachloride	4.744	117	9223	1.112	ug/l	99
39) Methylcyclohexane	6.043	83	7300	0.922	ug/l #	84
40) Benzene	5.024	78	17600	0.907	ug/l #	88
41) Methacrylonitrile	4.230	41	873	0.363	ug/l #	31
42) 1,2-Dichloroethane	5.066	62	3185	0.449	ug/l	76

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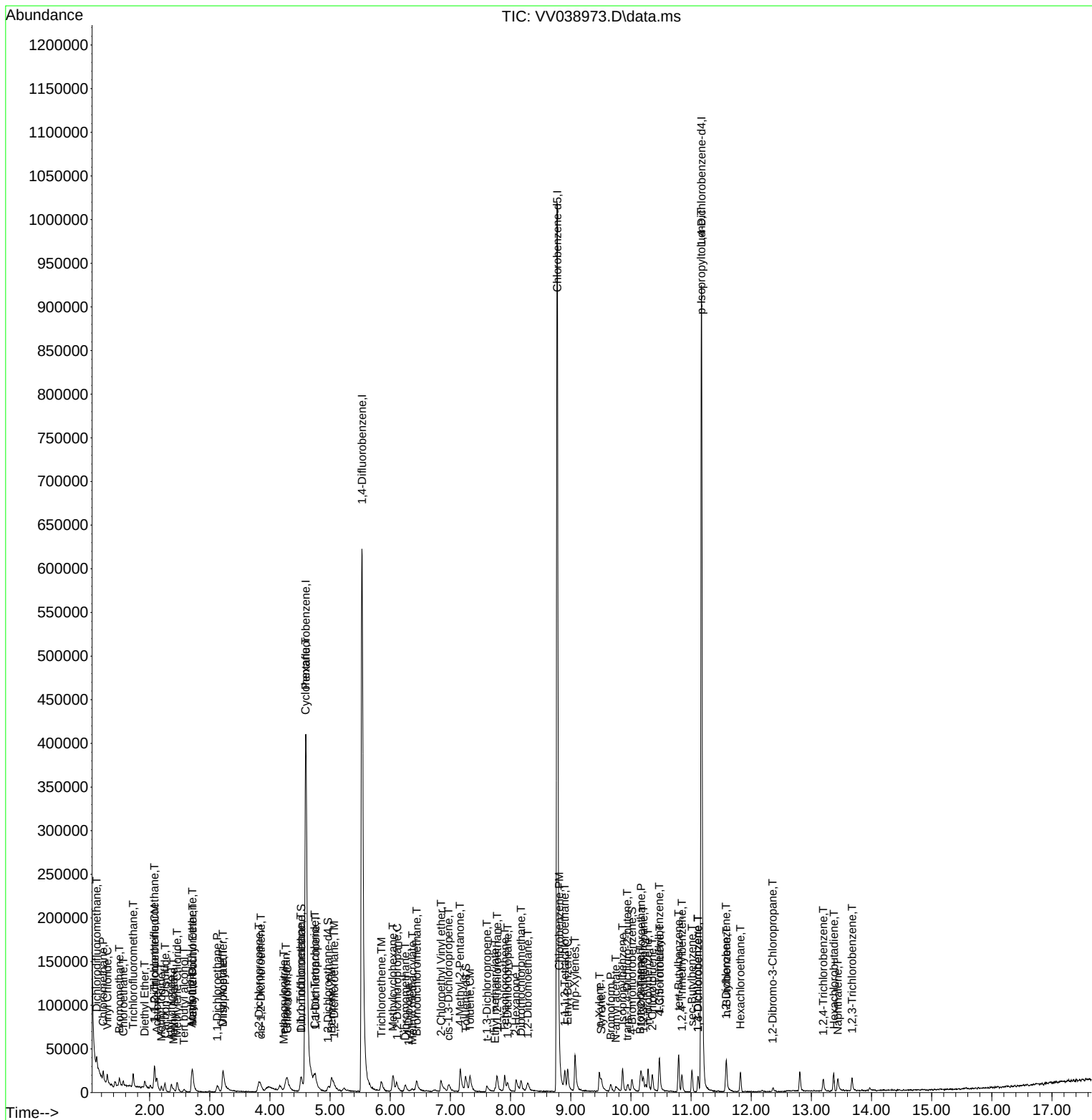
Instrument :
 MSVOA_V
 ClientSampleId :

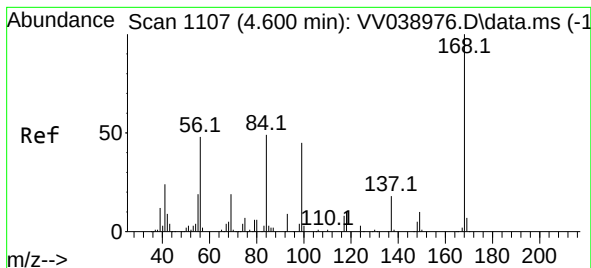
Quant Time: Aug 22 03:43:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:31:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	5.854	130	5651	1.074	ug/l	95
45) 1,2-Dichloropropane	6.114	63	4343	0.933	ug/l #	88
46) Dibromomethane	6.249	93	4509	1.155	ug/l	87
47) Bromodichloromethane	6.439	83	8726	1.098	ug/l	91
48) Methyl methacrylate	6.368	41	1185	0.292	ug/l #	59
49) 1,4-Dioxane	6.304	88	77	1.085	ug/l #	1
51) 4-Methyl-2-Pentanone	7.159	43	20823	3.382	ug/l	91
52) Toluene	7.326	92	10062	0.819	ug/l	96
53) t-1,3-Dichloropropene	7.606	75	5816	0.783	ug/l	94
54) cis-1,3-Dichloropropene	6.966	75	6390	0.830	ug/l	92
55) 1,1,2-Trichloroethane	7.776	97	5138	0.959	ug/l	94
56) Ethyl methacrylate	7.741	69	3602	2.674	ug/l #	88
57) 1,3-Dichloropropane	7.950	76	7044	0.843	ug/l	94
58) 2-Chloroethyl Vinyl ether	6.844	63	9019	7.421	ug/l #	77
59) 2-Hexanone	8.088	43	13246	12.844	ug/l	89
60) Dibromochloromethane	8.175	129	6338	0.980	ug/l	99
61) 1,2-Dibromoethane	8.284	107	4673	0.841	ug/l	100
64) Tetrachloroethene	7.905	164	4279	0.964	ug/l	94
65) Chlorobenzene	8.808	112	15090	1.049	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.902	131	5184	1.004	ug/l #	60
67) Ethyl Benzene	8.947	91	19734	0.899	ug/l	91
68) m/p-Xylenes	9.072	106	13689	1.605	ug/l	93
69) o-Xylene	9.477	106	6311	0.812	ug/l	98
70) Styrene	9.506	104	8805	0.660	ug/l #	74
71) Bromoform	9.667	173	3818	0.896	ug/l #	87
73) Isopropylbenzene	9.860	105	16775	0.993	ug/l	99
74) N-amyl acetate	9.750	43	2040	0.333	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	10.172	83	8787	1.310	ug/l	99
76) 1,2,3-Trichloropropane	10.207	75	4814	1.040	ug/l #	23
77) Bromobenzene	10.152	156	4365	1.006	ug/l	87
78) n-propylbenzene	10.284	91	18791	0.932	ug/l	99
79) 2-Chlorotoluene	10.358	91	10427	0.842	ug/l	97
80) 1,3,5-Trimethylbenzene	10.471	105	13747	0.967	ug/l	97
81) trans-1,4-Dichloro-2-b...	9.940	75	1875	0.922	ug/l	86
82) 4-Chlorotoluene	10.477	91	12887	0.923	ug/l	99
83) tert-Butylbenzene	10.792	119	14198	1.006	ug/l	95
84) 1,2,4-Trimethylbenzene	10.850	105	12782	0.940	ug/l	95
85) sec-Butylbenzene	11.014	105	18208	0.992	ug/l	95
86) p-Isopropyltoluene	11.168	119	14370	0.930	ug/l	91
87) 1,3-Dichlorobenzene	11.117	146	8733	1.019	ug/l	98
88) 1,4-Dichlorobenzene	11.117	146	8733	0.955	ug/l	99
89) n-Butylbenzene	11.590	91	14990	0.995	ug/l	91
90) Hexachloroethane	11.818	117	4168	1.167	ug/l	87
91) 1,2-Dichlorobenzene	11.580	146	8482	1.038	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.358	75	1443	1.106	ug/l	82
93) 1,2,4-Trichlorobenzene	13.197	180	4723	0.969	ug/l	95
94) Hexachlorobutadiene	13.374	225	2983	1.187	ug/l	92
95) Naphthalene	13.438	128	13876	0.902	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.676	180	4421	0.899	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. -0.004 min

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Instrument :

MSVOA_V

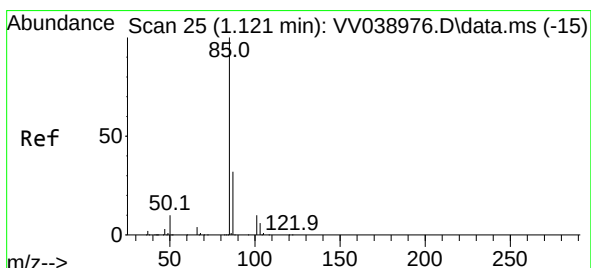
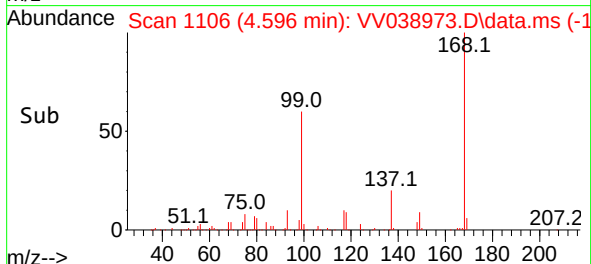
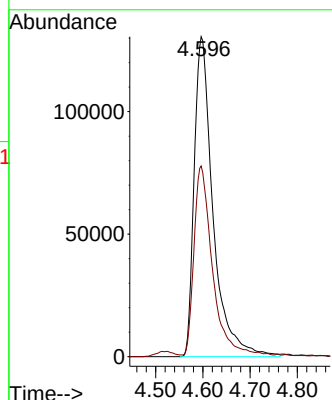
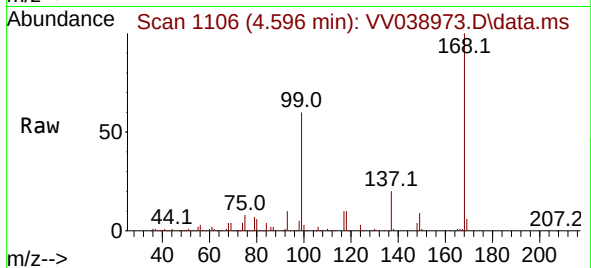
ClientSampleId :

Tgt Ion:168 Resp: 361688

Ion Ratio Lower Upper

168 100

99 59.1 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 1.273 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038973.D

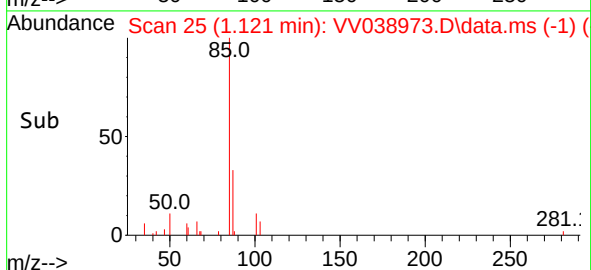
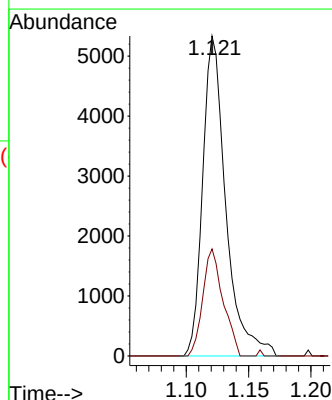
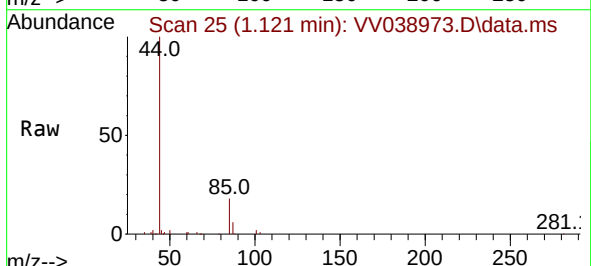
Acq: 21 Aug 2025 09:05

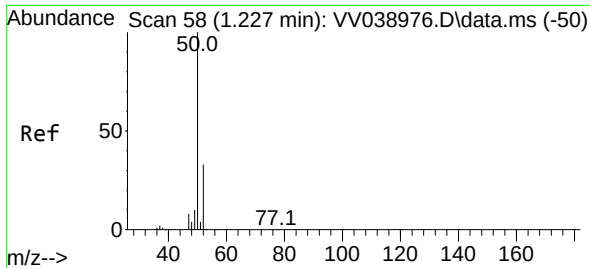
Tgt Ion: 85 Resp: 6883

Ion Ratio Lower Upper

85 100

87 33.5 15.8 47.3

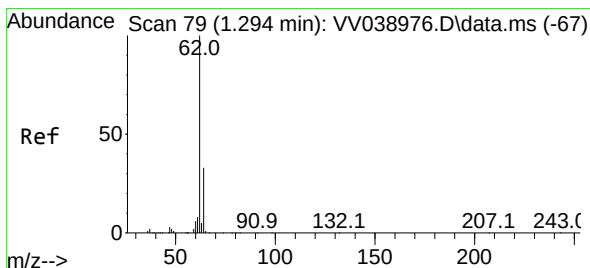
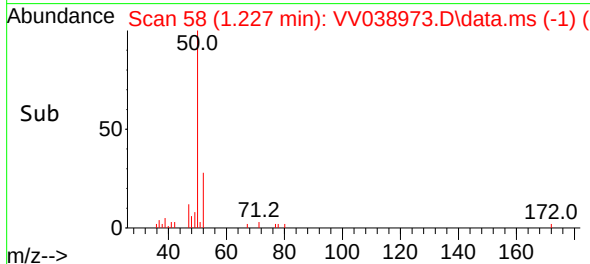
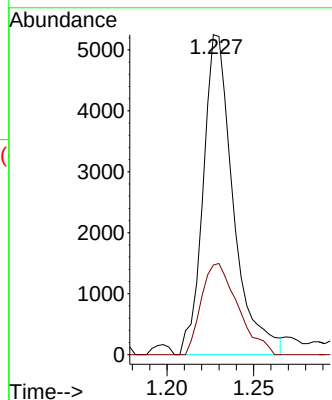
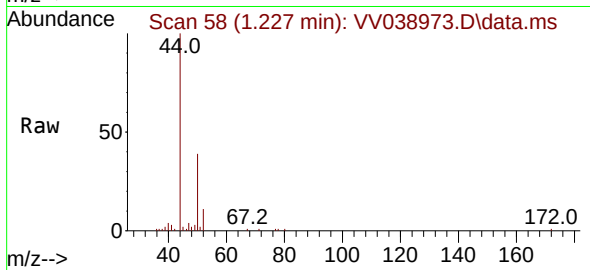




#3
Chloromethane
Concen: 1.137 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

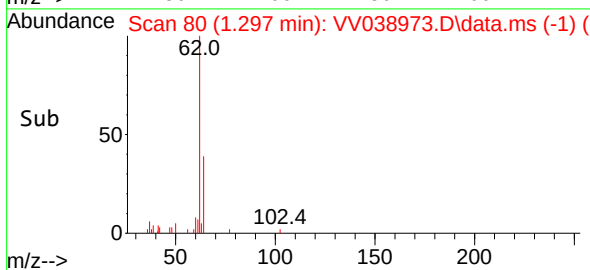
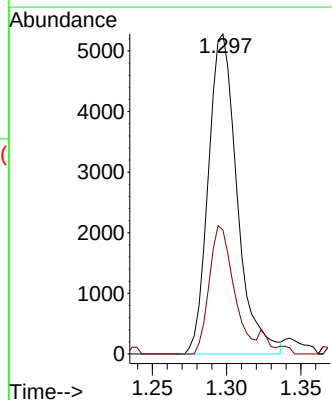
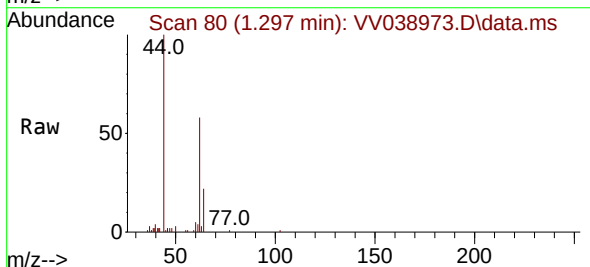
Instrument :
MSVOA_V
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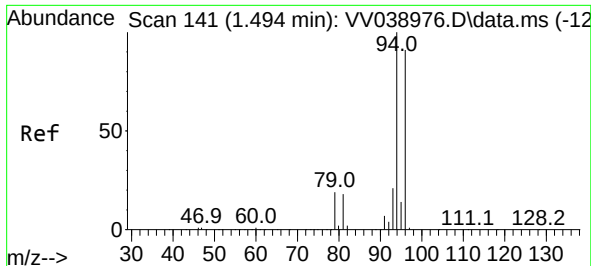
Tgt Ion: 50 Resp: 6352
Ion Ratio Lower Upper
50 100
52 28.0 26.2 39.2



#4
Vinyl Chloride
Concen: 1.209 ug/l
RT: 1.297 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 62 Resp: 7123
Ion Ratio Lower Upper
62 100
64 38.8 26.4 39.6

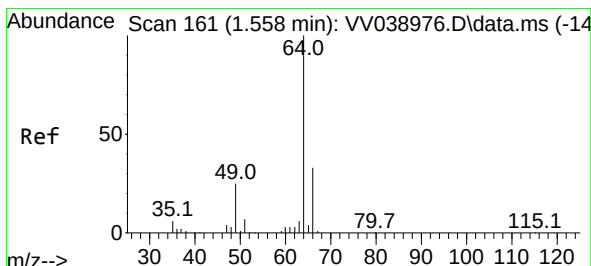
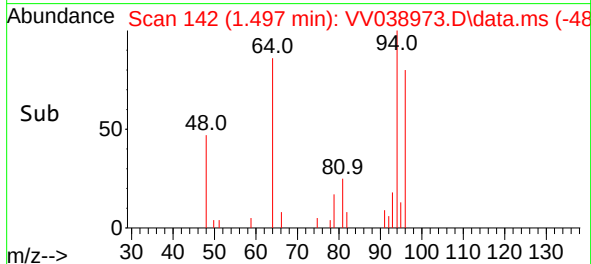
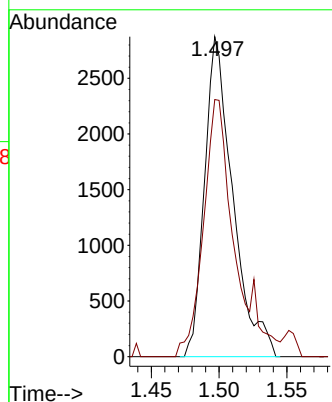
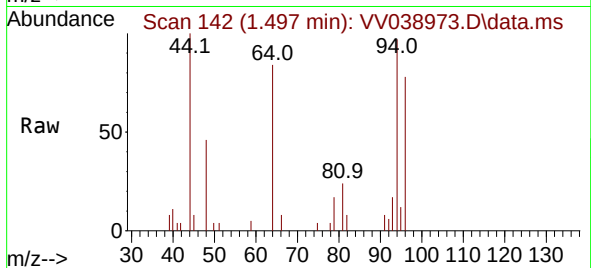




#5
Bromomethane
Concen: 1.308 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

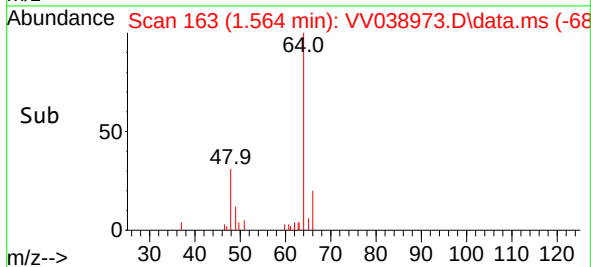
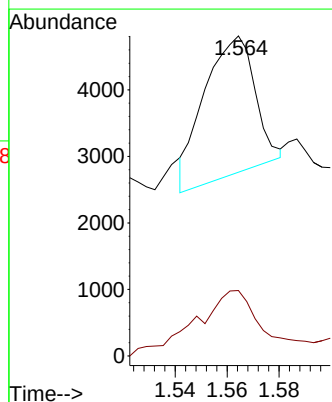
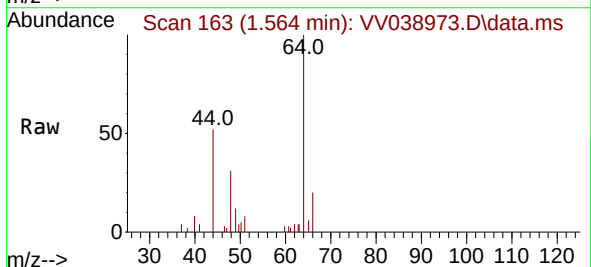
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ClientSampleId :

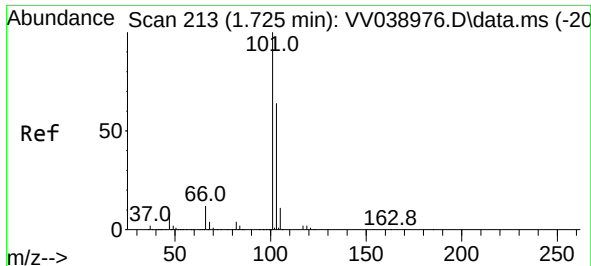
Tgt Ion: 94 Resp: 4166
Ion Ratio Lower Upper
94 100
96 76.1 73.1 109.7



#6
Chloroethane
Concen: 0.955 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 64 Resp: 2862
Ion Ratio Lower Upper
64 100
66 39.0 26.8 40.2

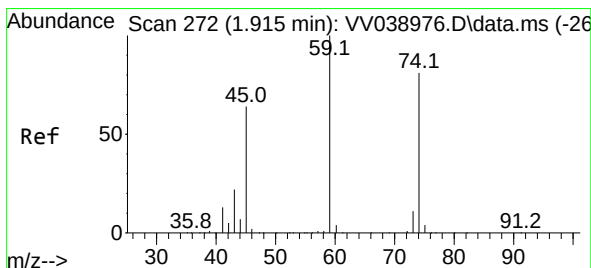
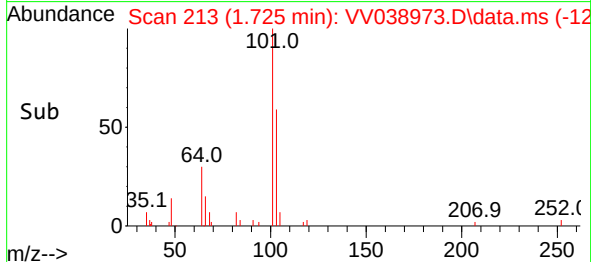
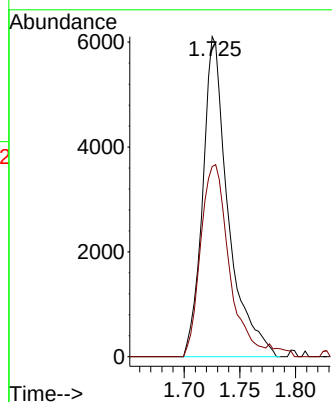
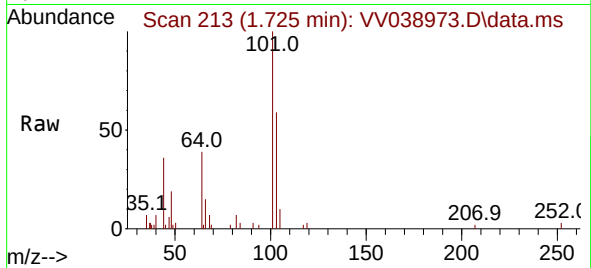




#7
 Trichlorofluoromethane
 Concen: 1.203 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

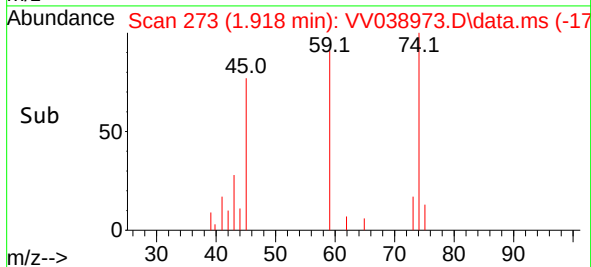
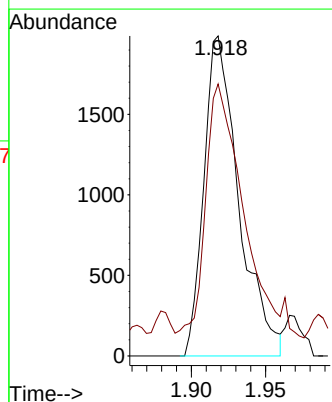
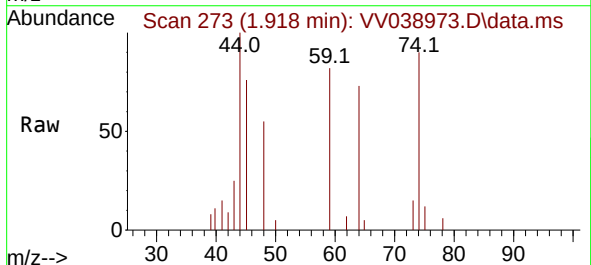
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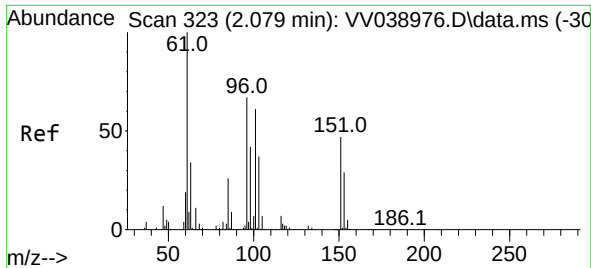
Tgt Ion:101 Resp: 9708
 Ion Ratio Lower Upper
 101 100
 103 59.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 1.307 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

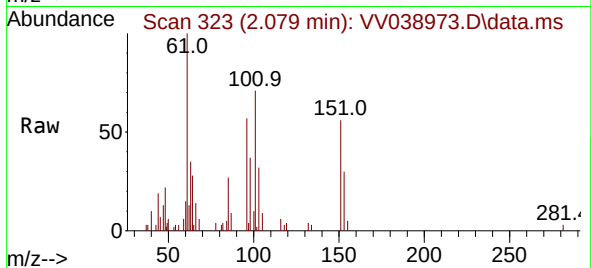
Tgt Ion: 74 Resp: 3244
 Ion Ratio Lower Upper
 74 100
 45 87.2 39.8 119.4



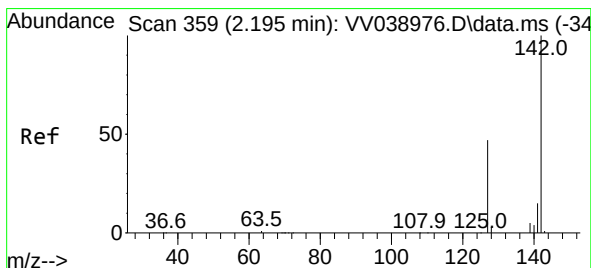
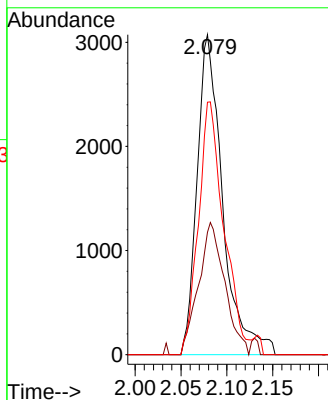
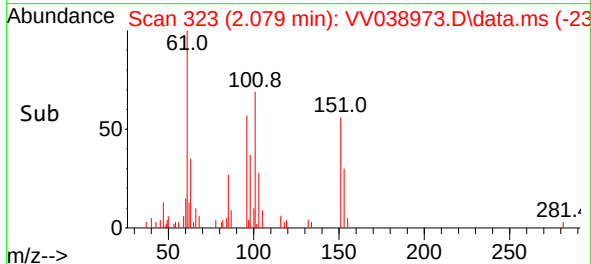


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.336 ug/l
 RT: 2.079 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV038973.D
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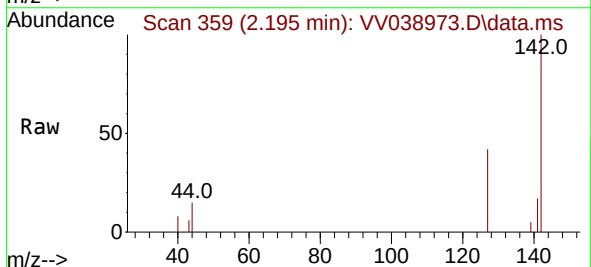
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 ClientSampleId :



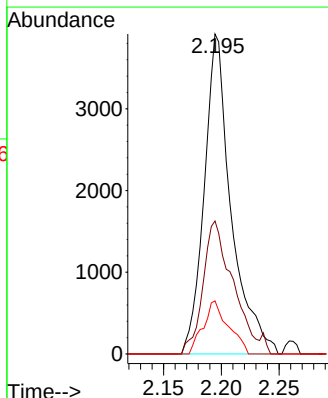
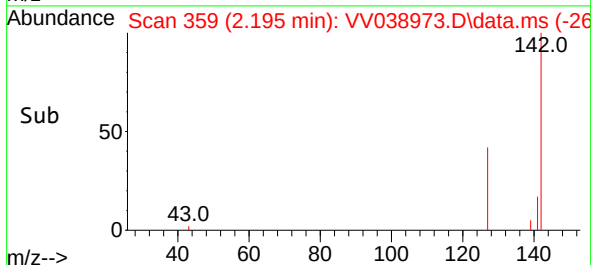
Tgt Ion:	101	Resp:	5954
Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.6	51.8
151	79.0	62.1	93.1

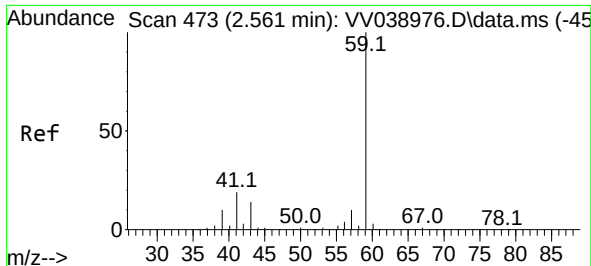


#10
 Methyl Iodide
 Concen: 1.145 ug/l
 RT: 2.195 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05



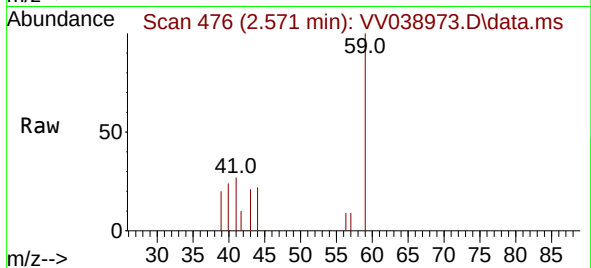
Tgt Ion:	142	Resp:	6348
Ion	Ratio	Lower	Upper
142	100		
127	47.2	38.6	57.8
141	15.5	11.4	17.2



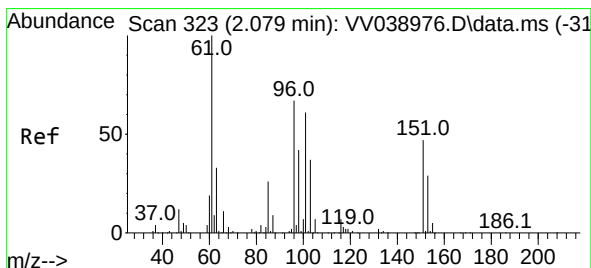
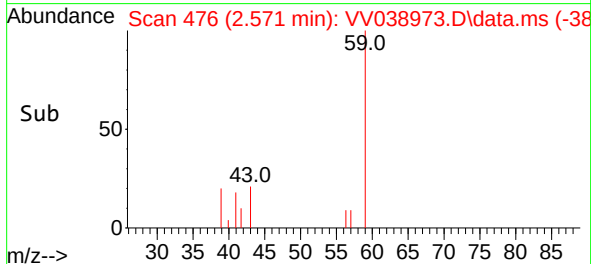
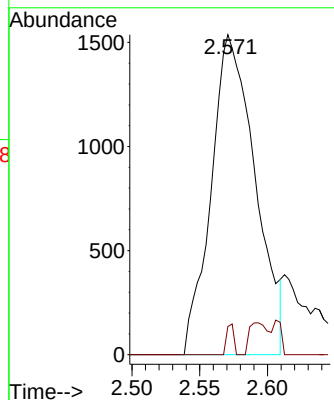


#11
Tert butyl alcohol
Concen: 5.053 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :

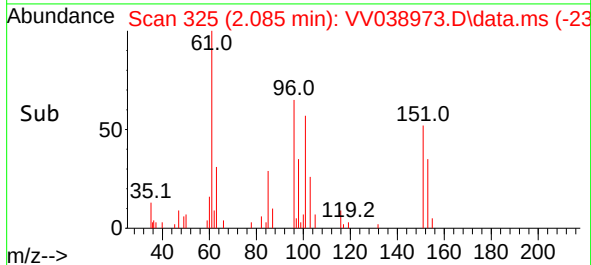
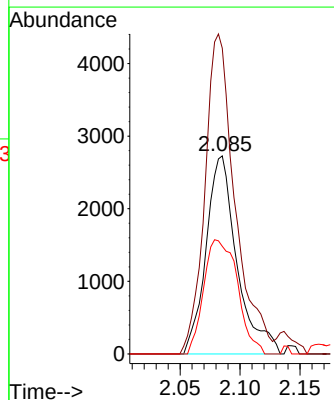
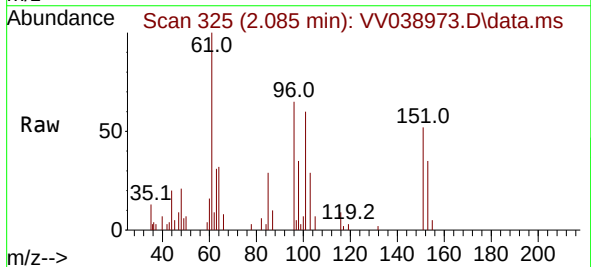


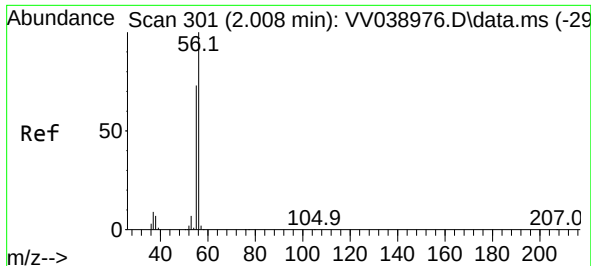
Tgt Ion: 59 Resp: 3471
Ion Ratio Lower Upper
59 100
57 1.6 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 1.189 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 96 Resp: 4880
Ion Ratio Lower Upper
96 100
61 154.4 119.8 179.8
98 54.4 50.2 75.2

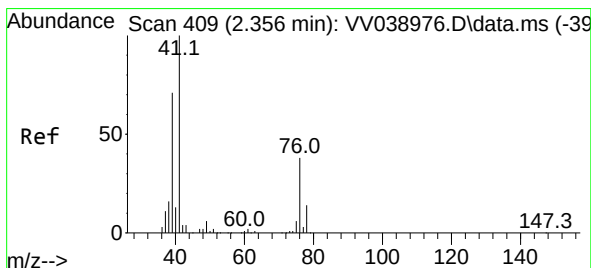
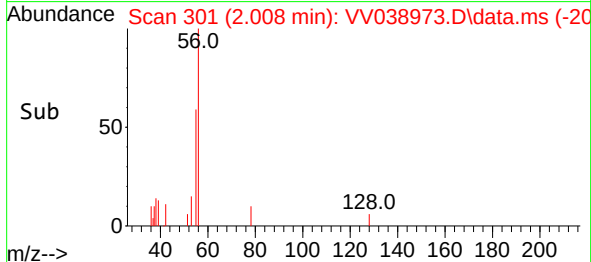
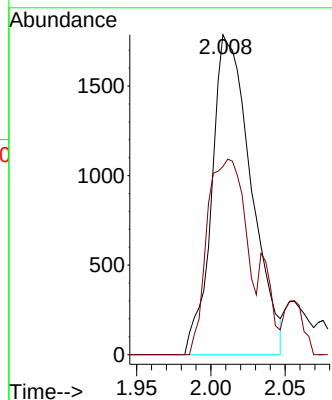
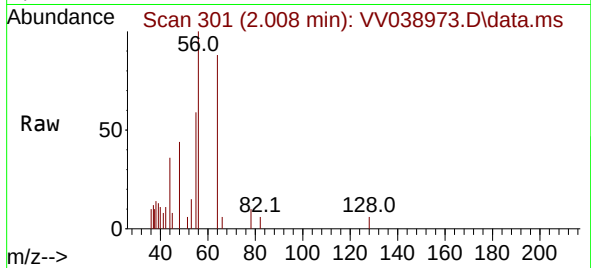




#13
Acrolein
Concen: Below Cal
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

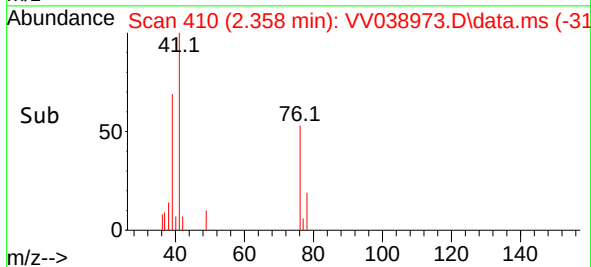
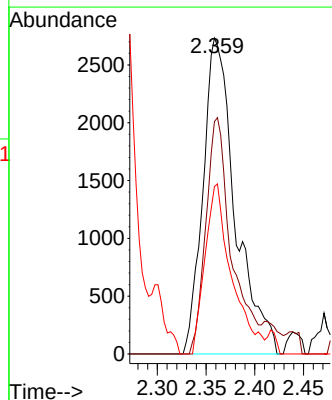
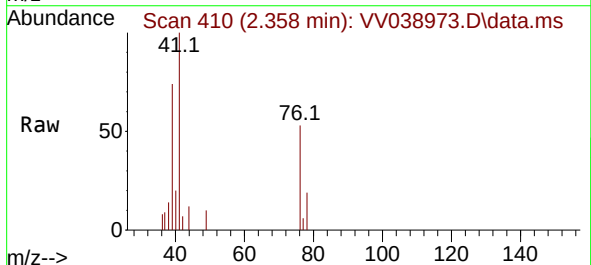
Instrument :
MSVOA_V
ClientSampleId :

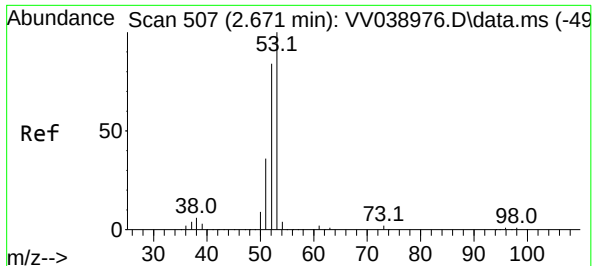
Tgt Ion: 56 Resp: 3283
Ion Ratio Lower Upper
56 100
55 60.1 58.8 88.2



#14
Allyl chloride
Concen: 1.149 ug/l
RT: 2.358 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 41 Resp: 6298
Ion Ratio Lower Upper
41 100
39 60.0 55.0 82.4
76 44.5 35.6 53.4

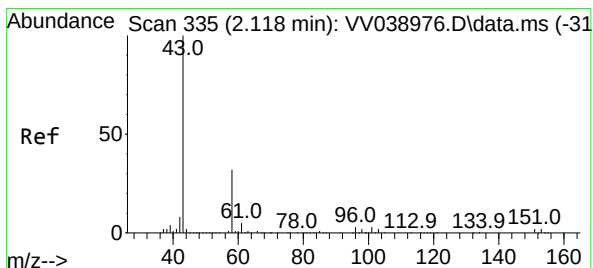
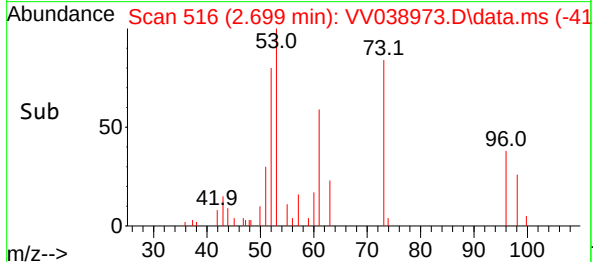
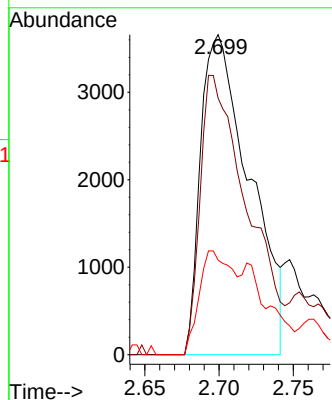
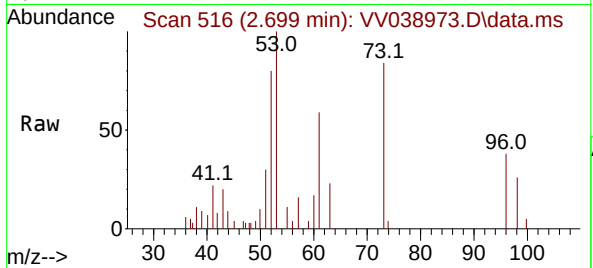




#15
Acrylonitrile
Concen: 4.019 ug/l
RT: 2.699 min Scan# 51
Delta R.T. 0.029 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

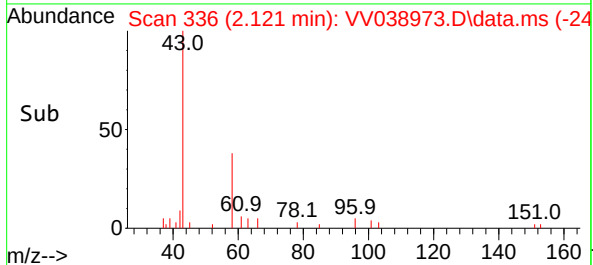
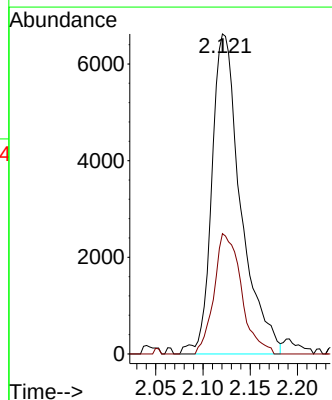
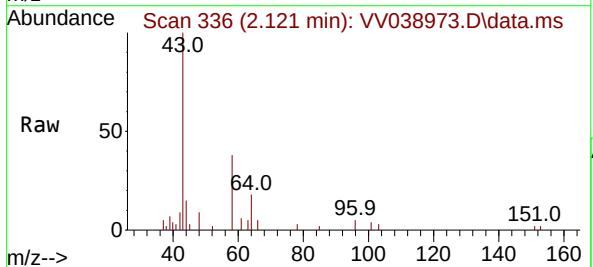
Instrument :
MSVOA_V
ClientSampleId :

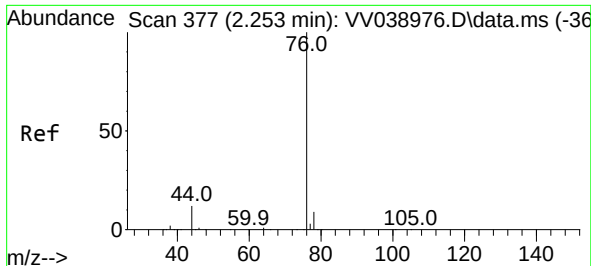
Tgt Ion: 53 Resp: 8398
Ion Ratio Lower Upper
53 100
52 84.5 66.2 99.4
51 22.1 28.5 42.7#



#16
Acetone
Concen: 6.917 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 43 Resp: 14090
Ion Ratio Lower Upper
43 100
58 37.6 26.3 39.5

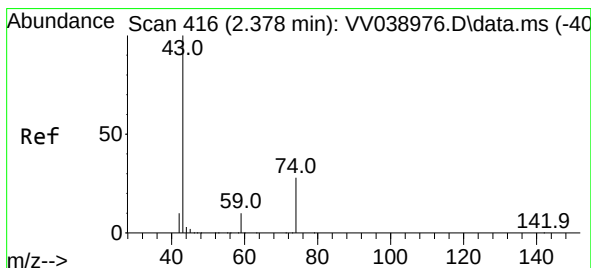
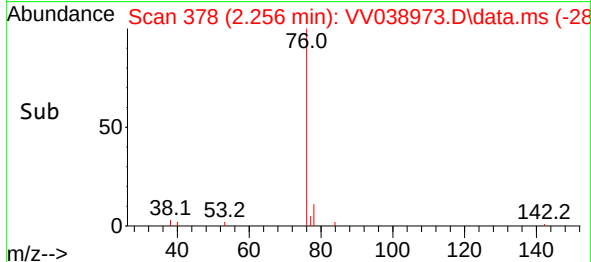
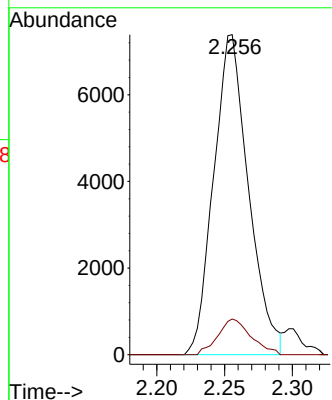
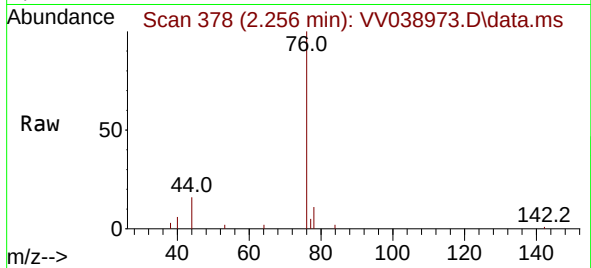




#17
Carbon Disulfide
Concen: 1.156 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

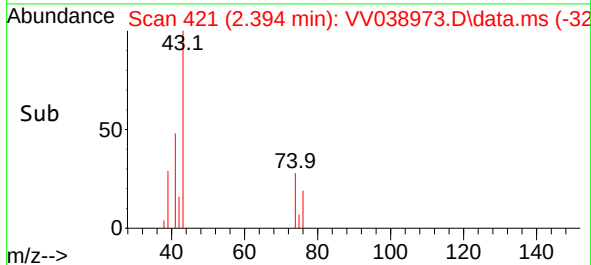
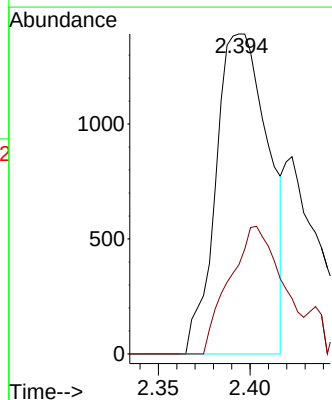
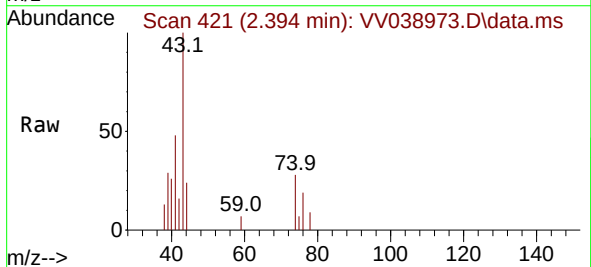
Instrument :
MSVOA_V
ClientSampleId :

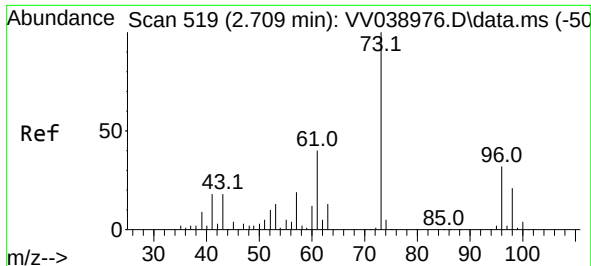
Tgt Ion: 76 Resp: 13201
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#



#18
Methyl Acetate
Concen: 0.640 ug/l
RT: 2.394 min Scan# 421
Delta R.T. 0.016 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
74 40.1 23.5 35.3#

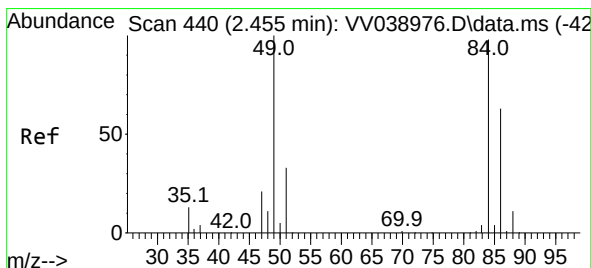
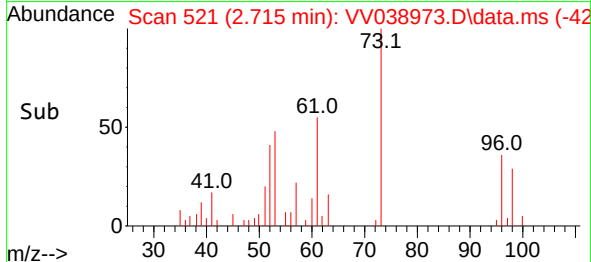
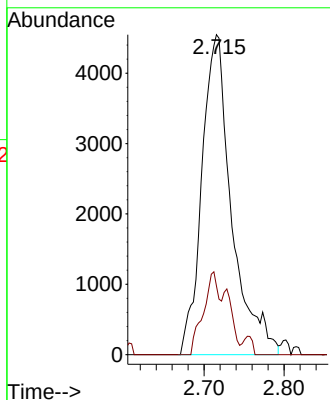
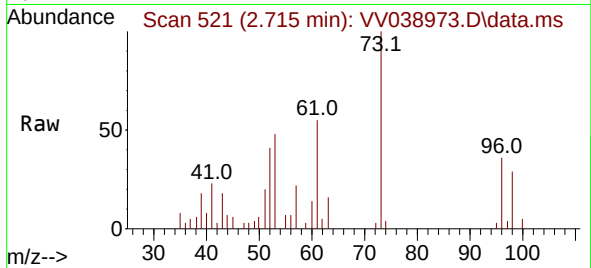




#19
Methyl tert-butyl Ether
Concen: 0.971 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

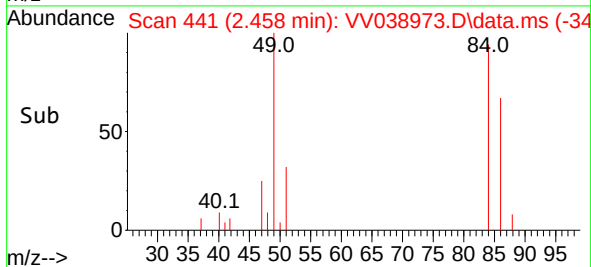
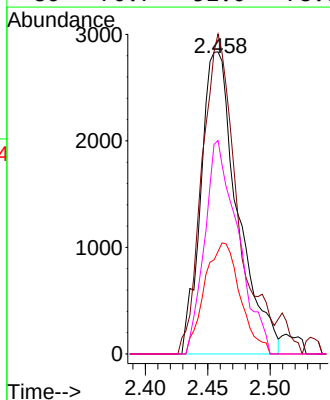
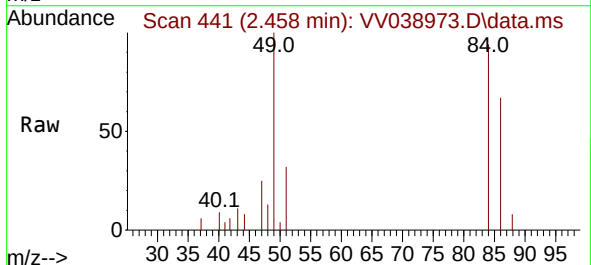
Instrument :
MSVOA_V
ClientSampleId :

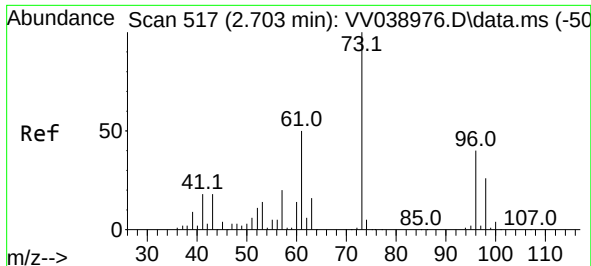
Tgt Ion: 73 Resp: 11785
Ion Ratio Lower Upper
73 100
57 21.5 15.7 23.5



#20
Methylene Chloride
Concen: 1.230 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 84 Resp: 5824
Ion Ratio Lower Upper
84 100
49 105.9 81.9 122.9
51 33.9 26.9 40.3
86 70.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 0.976 ug/l

RT: 2.709 min Scan# 517

Delta R.T. 0.006 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

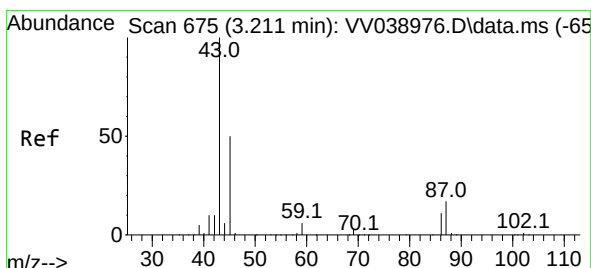
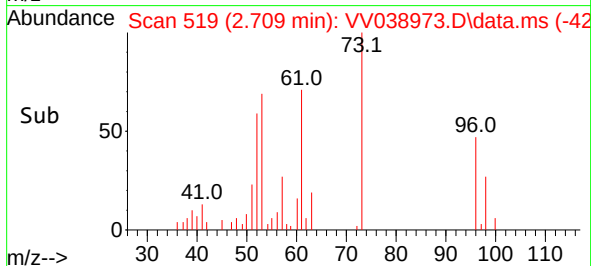
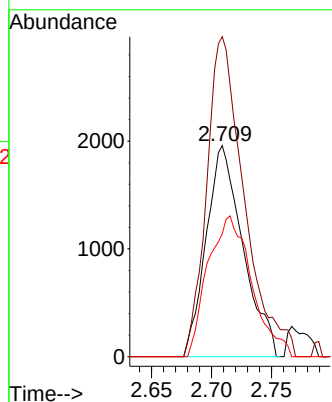
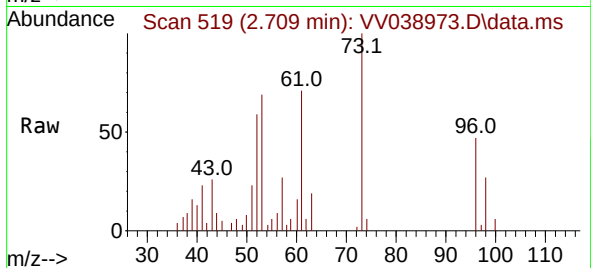
Tgt Ion: 96 Resp: 4171

Ion Ratio Lower Upper

96 100

61 151.6 100.6 151.0#

98 58.3 51.5 77.3



#22

Diisopropyl ether

Concen: 0.845 ug/l

RT: 3.217 min Scan# 677

Delta R.T. 0.006 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Tgt Ion: 45 Resp: 10165

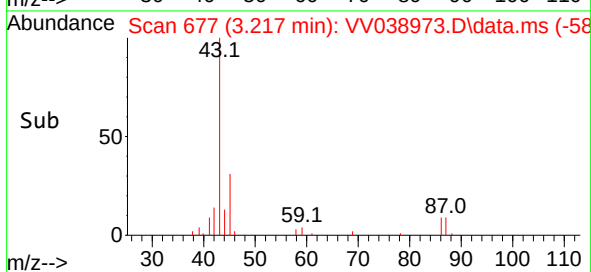
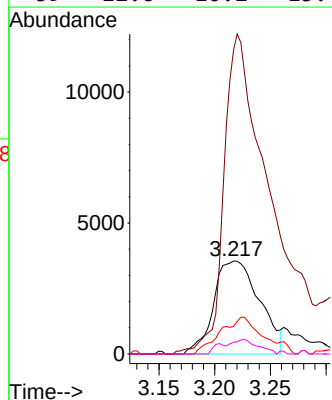
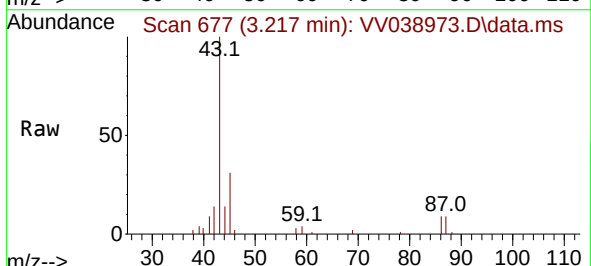
Ion Ratio Lower Upper

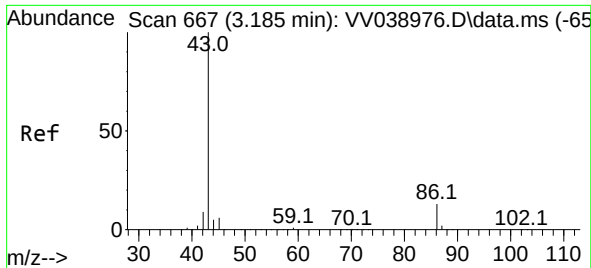
45 100

43 324.2 159.4 239.0#

87 29.7 27.5 41.3

59 12.6 10.2 15.4

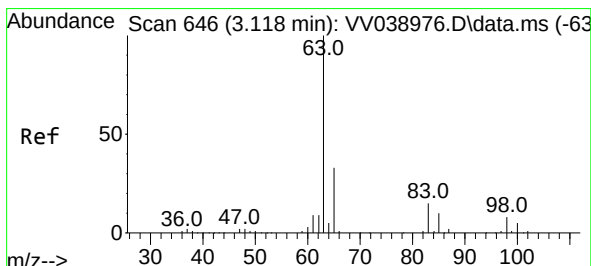
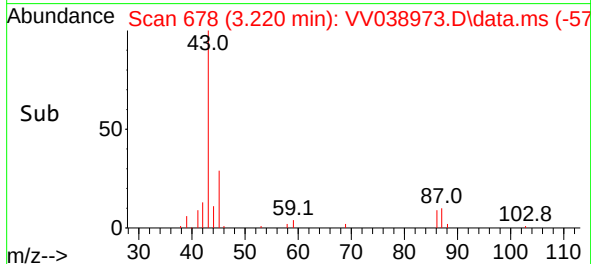
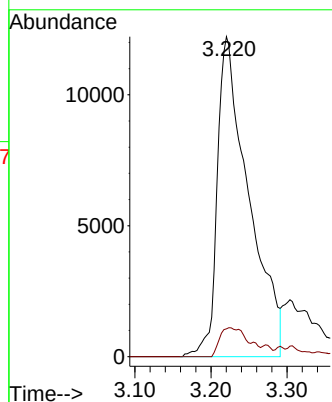
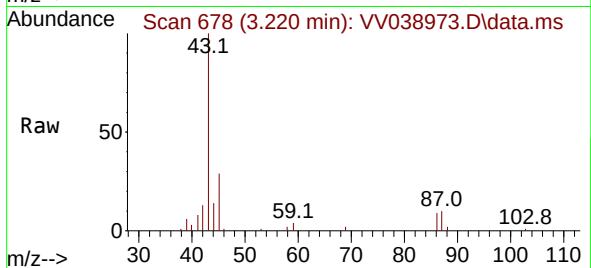




#23
 Vinyl Acetate
 Concen: 3.632 ug/l
 RT: 3.220 min Scan# 61
 Delta R.T. 0.035 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

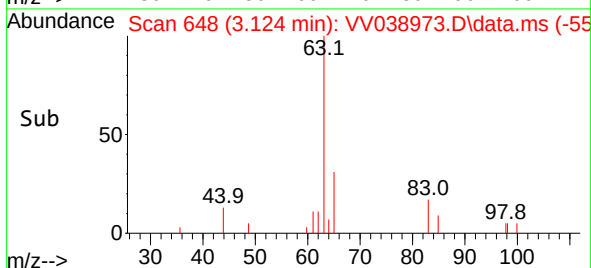
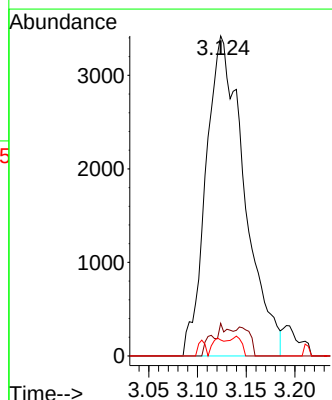
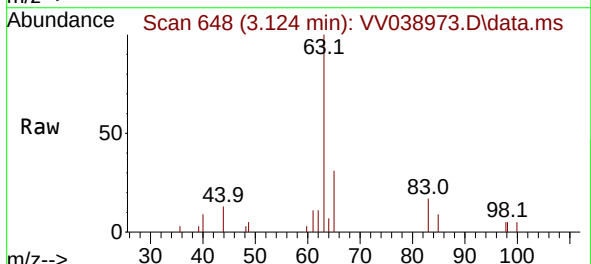
Instrument :
 MSVOA_V
 ClientSampleId :

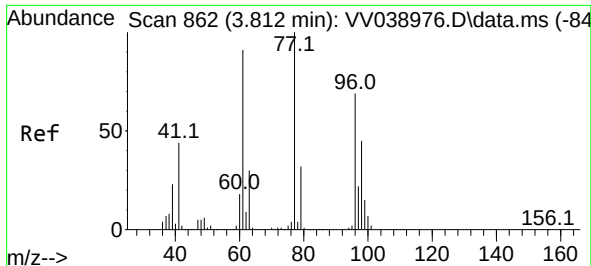
Tgt Ion: 43 Resp: 34989
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 1.174 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.006 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion: 63 Resp: 9355
 Ion Ratio Lower Upper
 63 100
 98 10.2 4.3 12.8
 100 5.0 2.6 8.0





#26

2,2-Dichloropropane

Concen: 1.169 ug/l

RT: 3.815 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

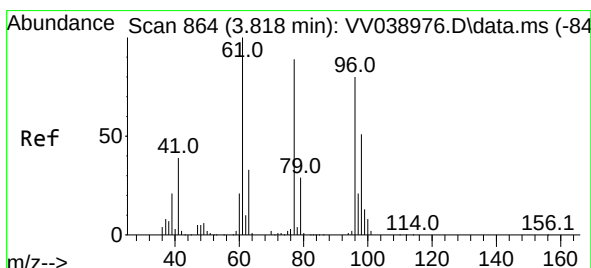
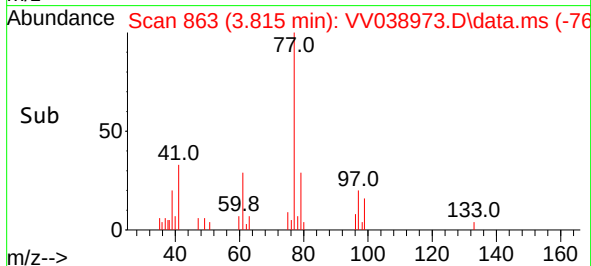
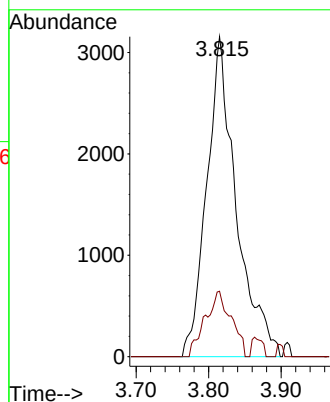
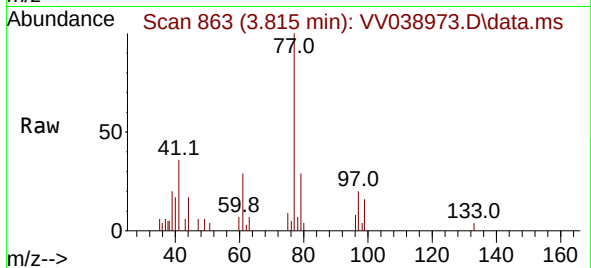
ClientSampleId :

Tgt Ion: 77 Resp: 8938

Ion Ratio Lower Upper

77 100

97 17.9 11.3 33.8



#27

cis-1,2-Dichloroethene

Concen: 0.697 ug/l

RT: 3.847 min Scan# 873

Delta R.T. 0.029 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

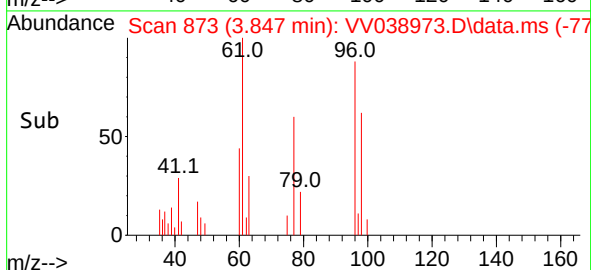
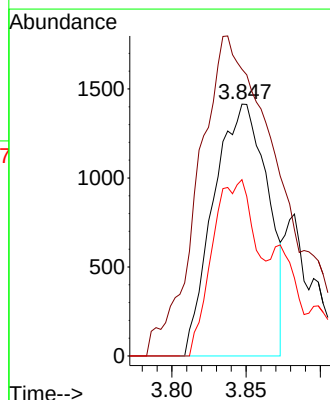
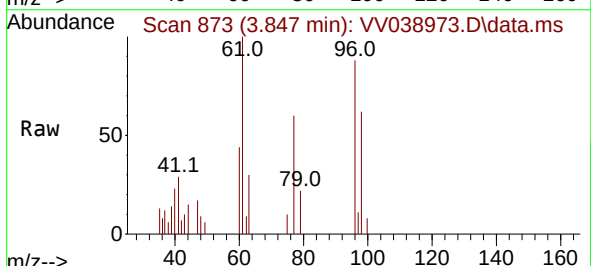
Tgt Ion: 96 Resp: 3596

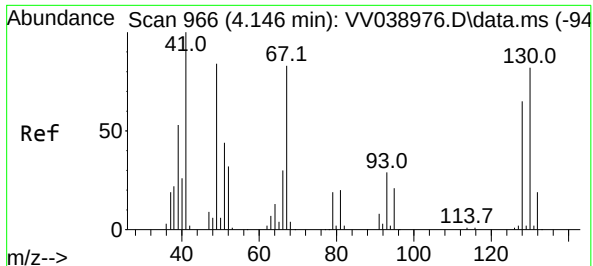
Ion Ratio Lower Upper

96 100

61 193.8 0.0 264.4

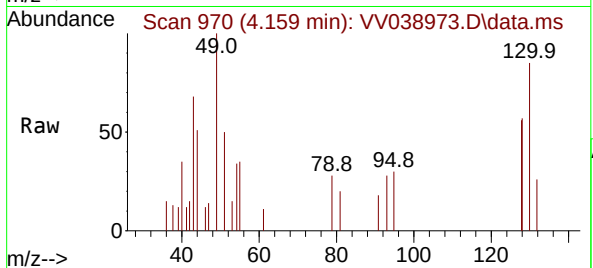
98 57.1 0.0 131.8



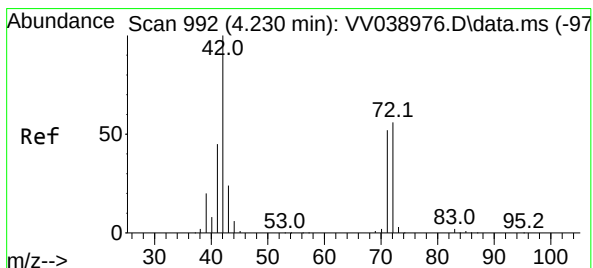
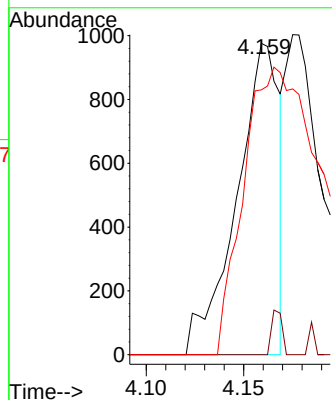
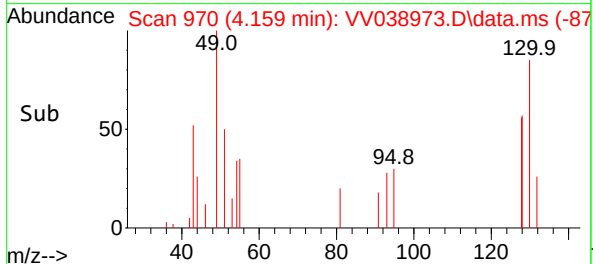


#28
Bromochloromethane
Concen: Below Cal
RT: 4.159 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

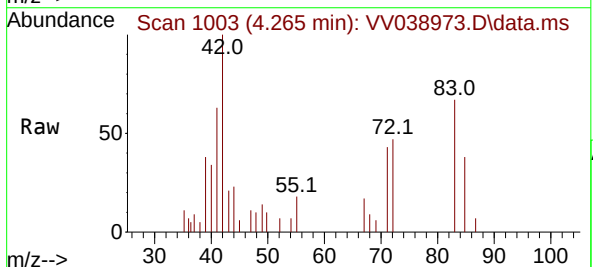
Instrument :
MSVOA_V
ClientSampleId :



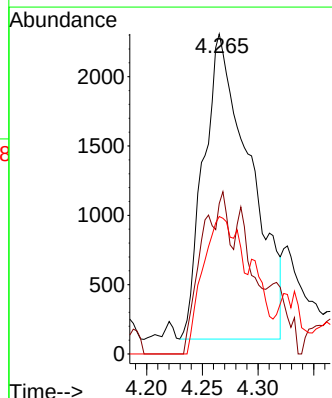
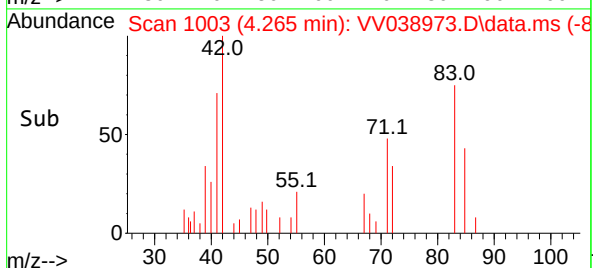
Tgt Ion: 49 Resp: 1471
Ion Ratio Lower Upper
49 100
129 3.5 0.0 3.2#
130 170.2 78.2 117.2#

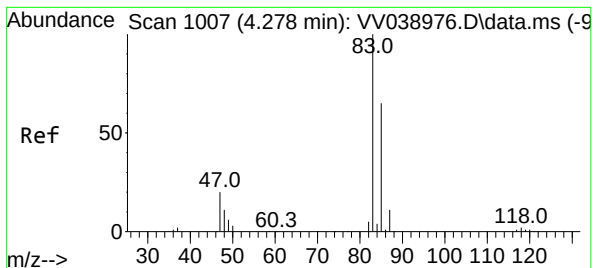


#29
Tetrahydrofuran
Concen: 3.611 ug/l
RT: 4.265 min Scan# 1003
Delta R.T. 0.035 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



Tgt Ion: 42 Resp: 6368
Ion Ratio Lower Upper
42 100
72 10.9 44.6 66.8#
71 37.0 41.6 62.4#





#30

Chloroform

Concen: 1.064 ug/l

RT: 4.288 min Scan# 1100

Delta R.T. 0.009 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

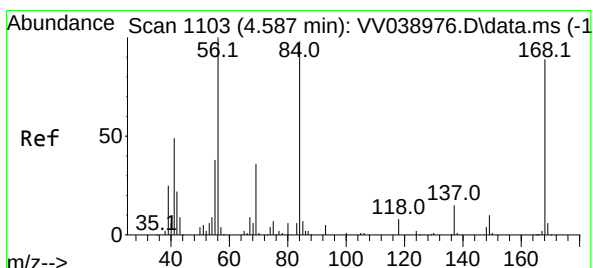
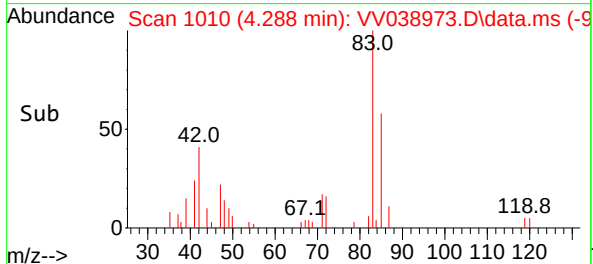
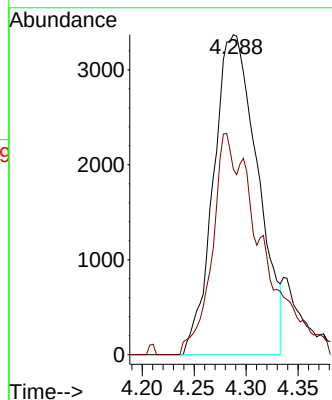
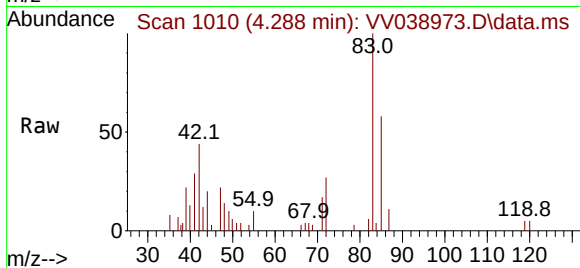
ClientSampleId :

Tgt Ion: 83 Resp: 9932

Ion Ratio Lower Upper

83 100

85 58.0 52.2 78.2



#31

Cyclohexane

Concen: 2.006 ug/l

RT: 4.590 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

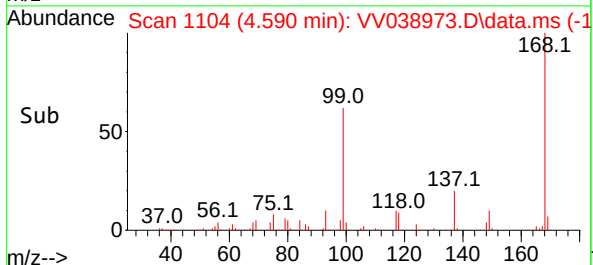
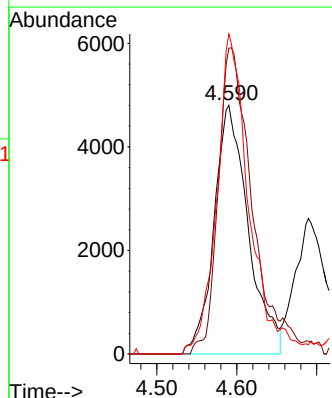
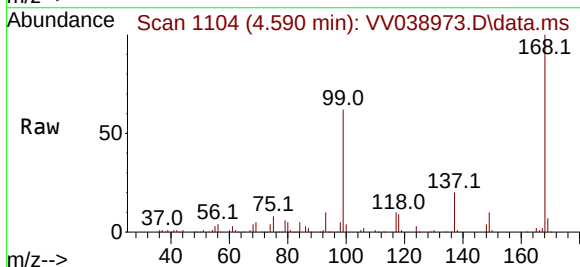
Tgt Ion: 56 Resp: 14264

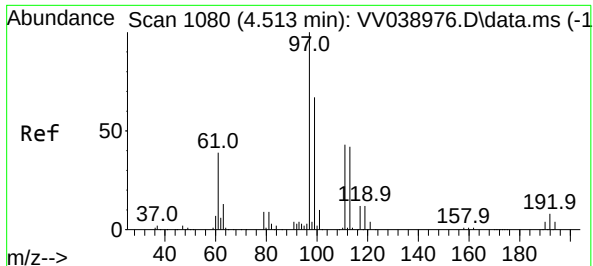
Ion Ratio Lower Upper

56 100

69 122.9 28.6 42.8#

84 128.7 78.1 117.1#





#32

1,1,1-Trichloroethane

Concen: 1.190 ug/l

RT: 4.513 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

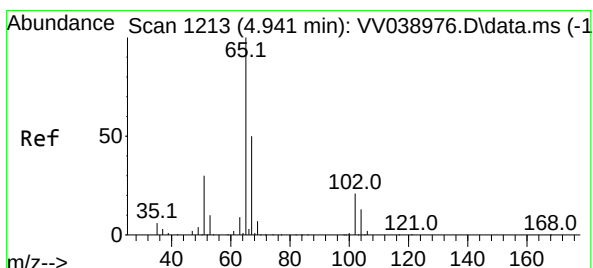
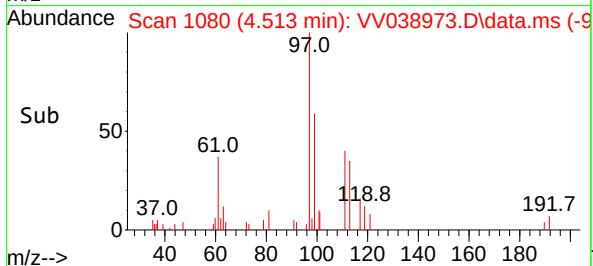
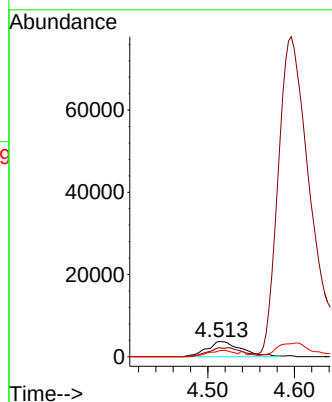
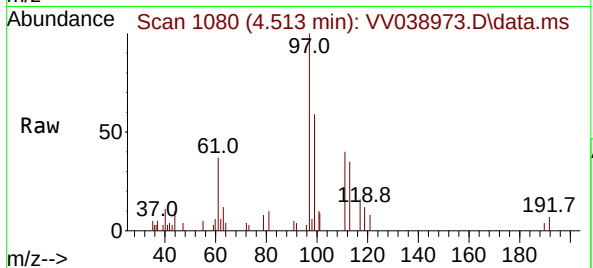
Tgt Ion: 97 Resp: 10188

Ion Ratio Lower Upper

97 100

99 0.0 49.5 74.3#

61 30.3 30.9 46.3#



#33

1,2-Dichloroethane-d4

Concen: 0.398 ug/l

RT: 4.963 min Scan# 1220

Delta R.T. 0.022 min

Lab File: VV038973.D

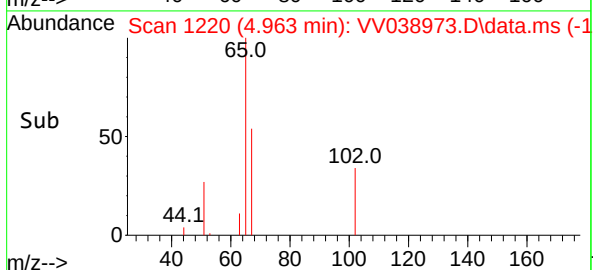
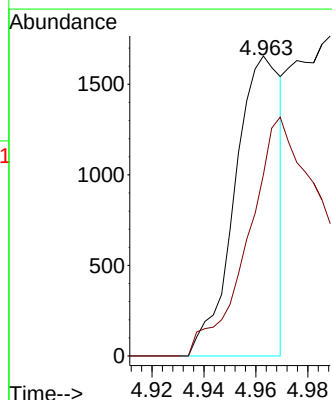
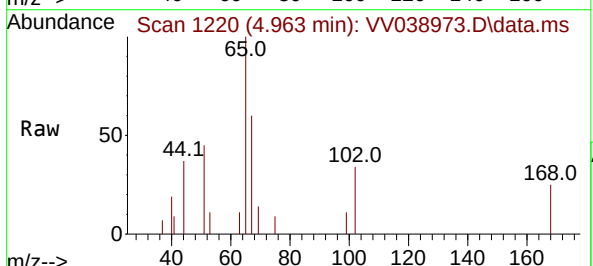
Acq: 21 Aug 2025 09:05

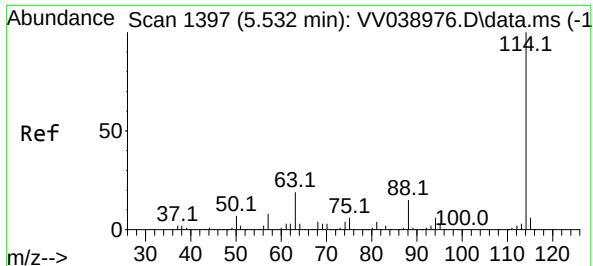
Tgt Ion: 65 Resp: 2018

Ion Ratio Lower Upper

65 100

67 122.8 0.0 100.4#





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 114

Delta R.T. -0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

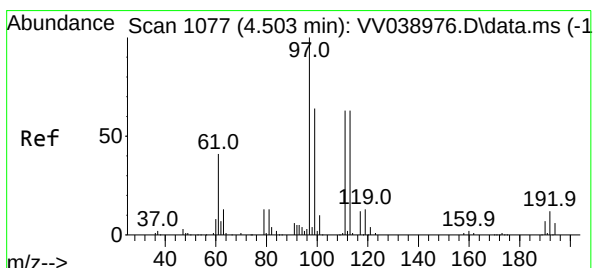
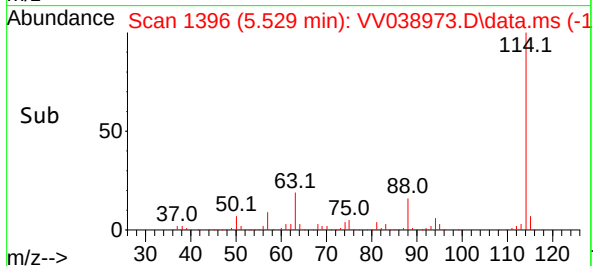
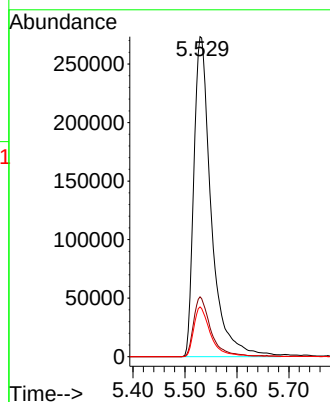
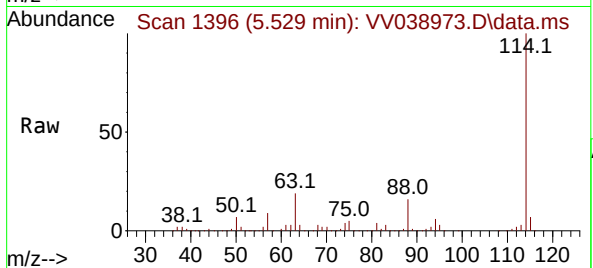
Tgt Ion:114 Resp: 636070

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.6 0.0 30.4



#35

Dibromofluoromethane

Concen: 0.486 ug/l

RT: 4.519 min Scan# 1082

Delta R.T. 0.016 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

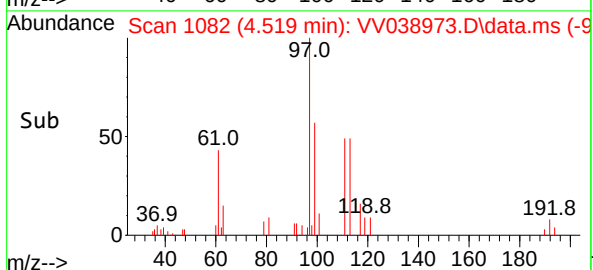
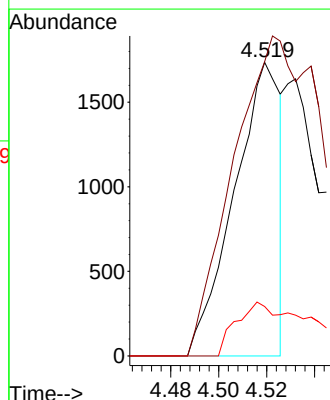
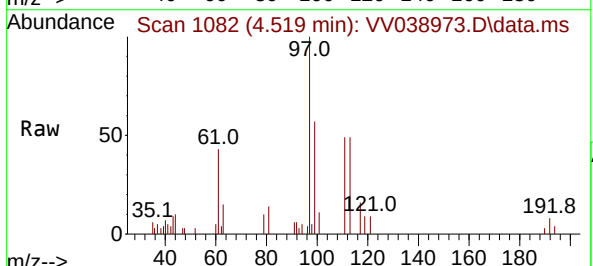
Tgt Ion:113 Resp: 2316

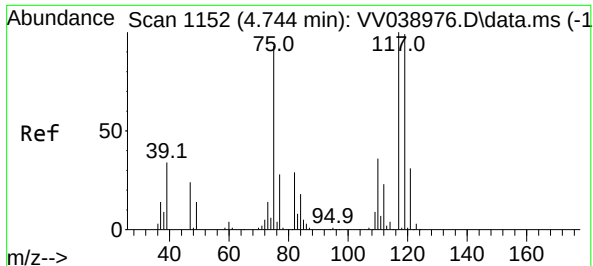
Ion Ratio Lower Upper

113 100

111 245.8 81.3 121.9#

192 27.0 15.4 23.0#





#36

1,1-Dichloropropene

Concen: 0.360 ug/l

RT: 4.757 min Scan# 1156

Delta R.T. 0.013 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

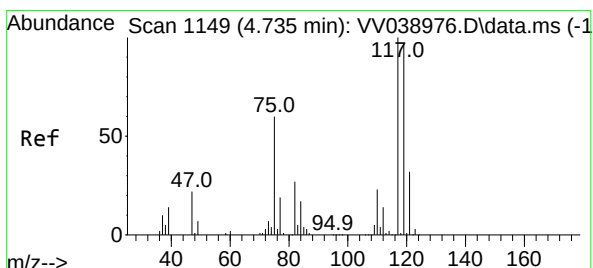
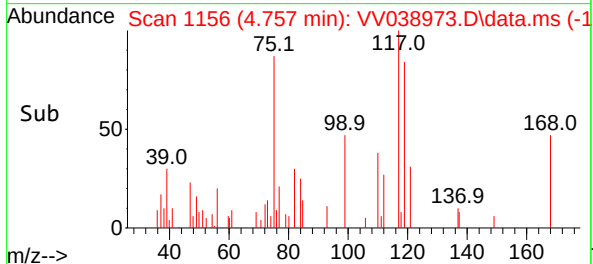
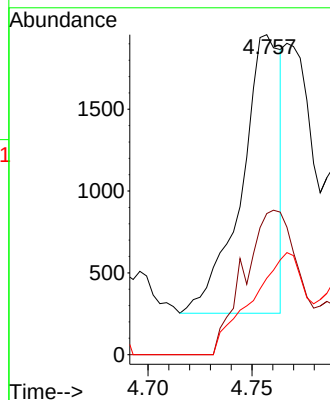
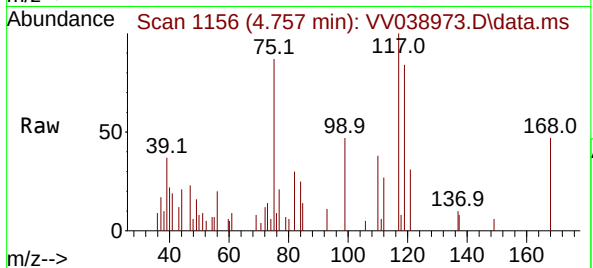
Tgt Ion: 75 Resp: 2228

Ion Ratio Lower Upper

75 100

110 73.9 19.6 58.7#

77 49.9 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 1.112 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.009 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

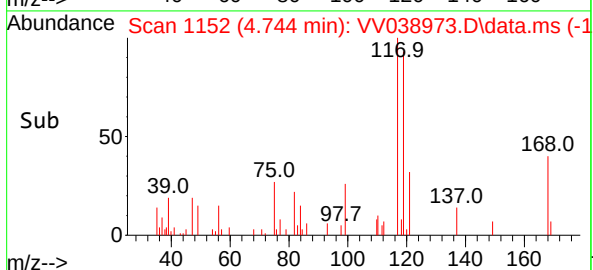
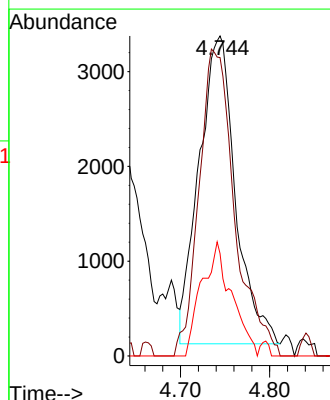
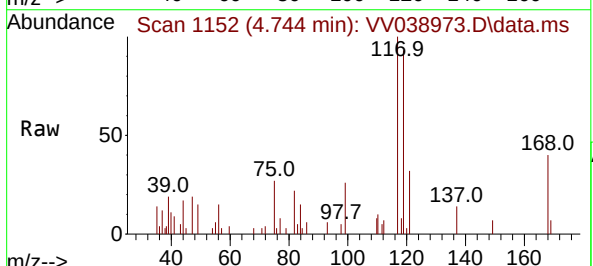
Tgt Ion: 117 Resp: 9223

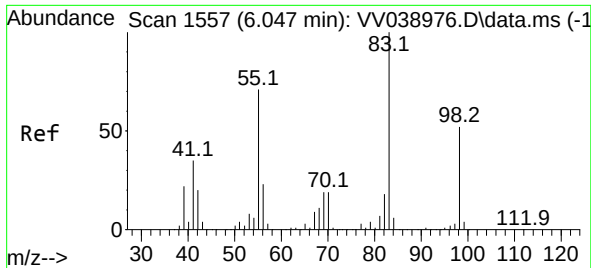
Ion Ratio Lower Upper

117 100

119 97.0 77.1 115.7

121 33.3 25.4 38.2





#39

Methylcyclohexane

Concen: 0.922 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

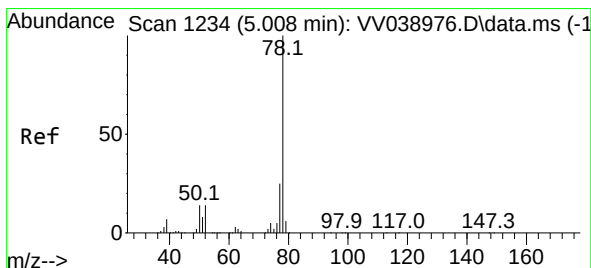
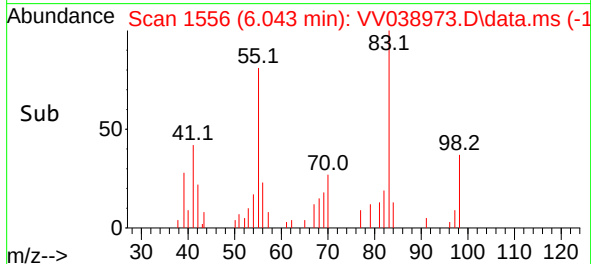
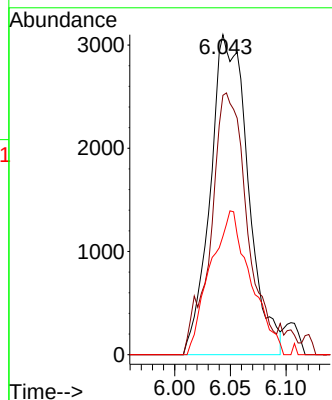
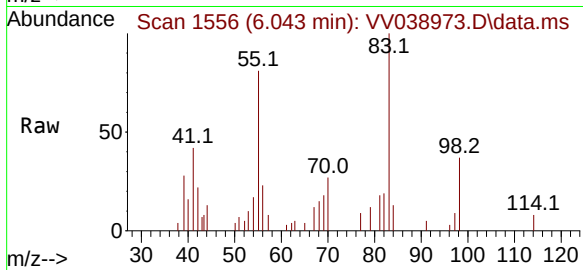
Tgt Ion: 83 Resp: 7300

Ion Ratio Lower Upper

83 100

55 81.1 57.0 85.6

98 37.0 41.3 61.9#



#40

Benzene

Concen: 0.907 ug/l

RT: 5.024 min Scan# 1239

Delta R.T. 0.016 min

Lab File: VV038973.D

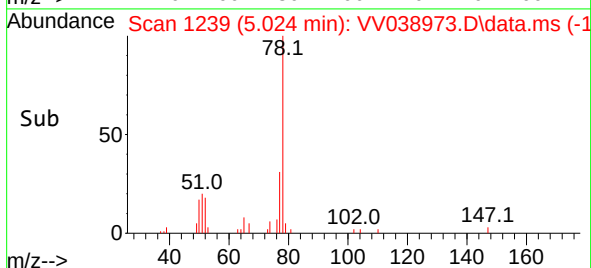
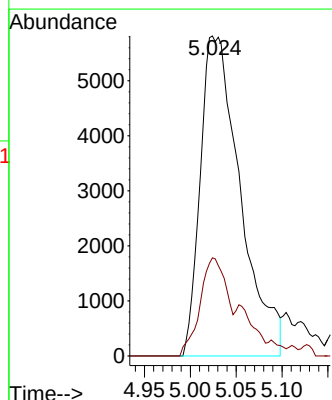
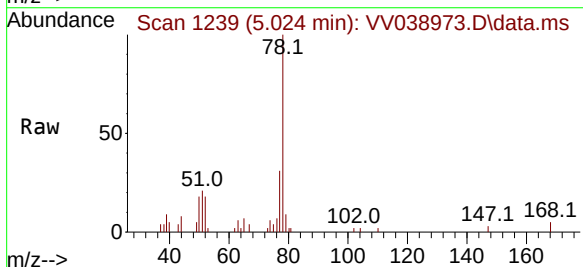
Acq: 21 Aug 2025 09:05

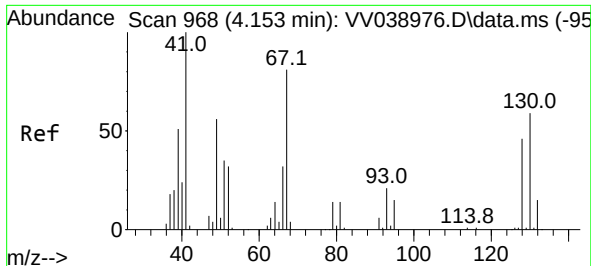
Tgt Ion: 78 Resp: 17600

Ion Ratio Lower Upper

78 100

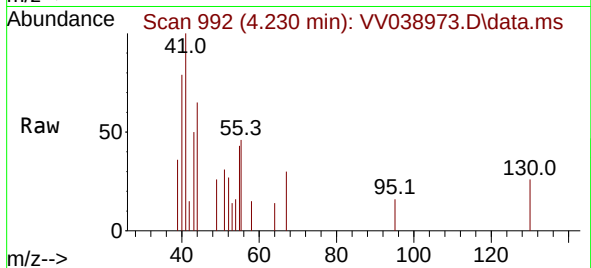
77 30.7 19.6 29.4#



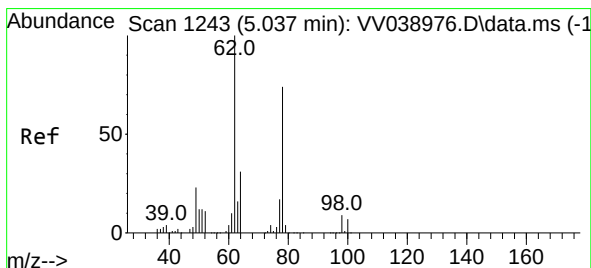
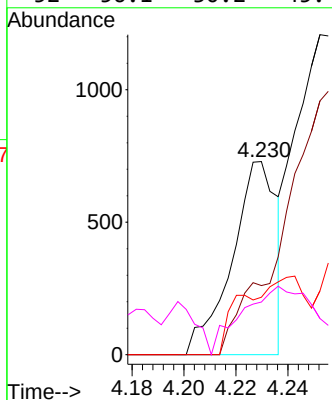
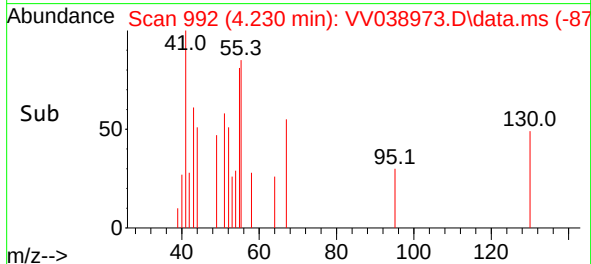


#41
Methacrylonitrile
Concen: 0.363 ug/l
RT: 4.230 min Scan# 91
Delta R.T. 0.077 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :

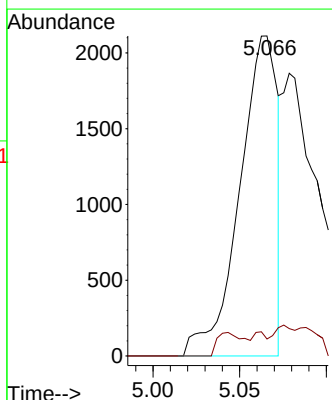
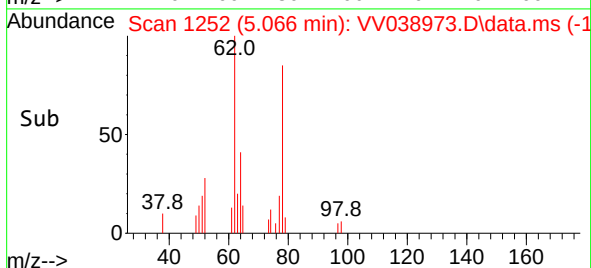
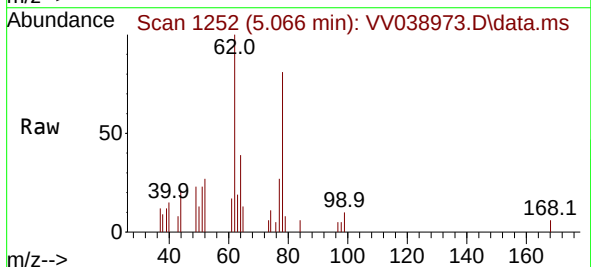


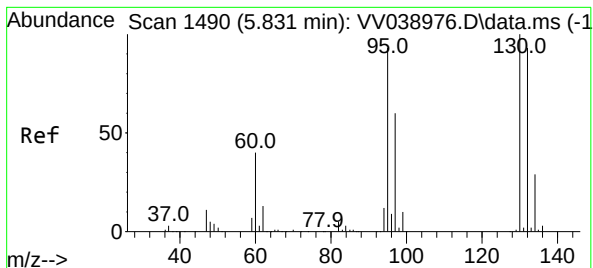
Tgt Ion:	41	Resp:	873
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.5	68.3#
67	24.1	83.5	125.3#
52	56.1	30.2	45.4#



#42
1,2-Dichloroethane
Concen: 0.449 ug/l
RT: 5.066 min Scan# 1252
Delta R.T. 0.029 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:	62	Resp:	3185
Ion	Ratio	Lower	Upper
62	100		
98	0.9	0.0	19.2





#44

Trichloroethene

Concen: 1.074 ug/l

RT: 5.854 min Scan# 1497

Delta R.T. 0.022 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

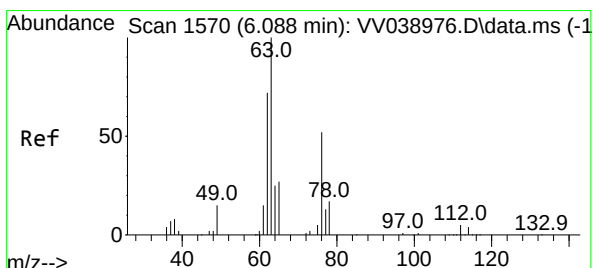
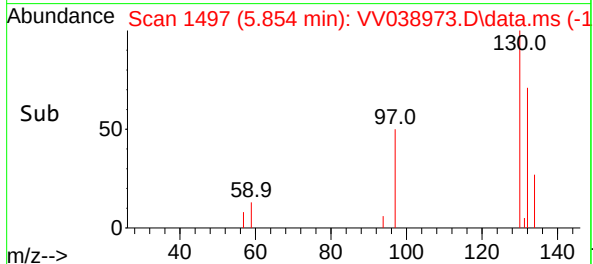
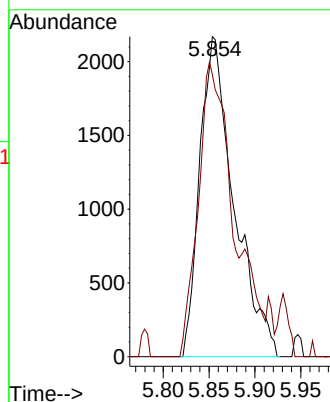
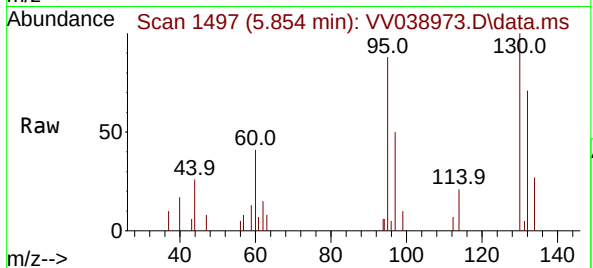
MSVOA_V

ClientSampleId :

Tgt Ion:130 Resp: 5651

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	186.6



#45

1,2-Dichloropropane

Concen: 0.933 ug/l

RT: 6.114 min Scan# 1578

Delta R.T. 0.026 min

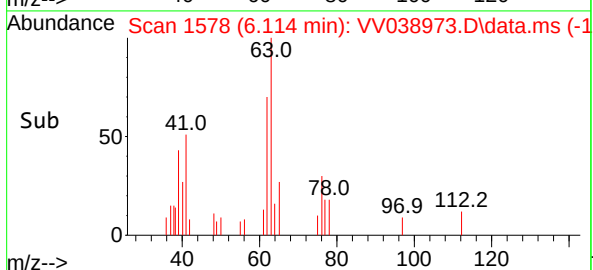
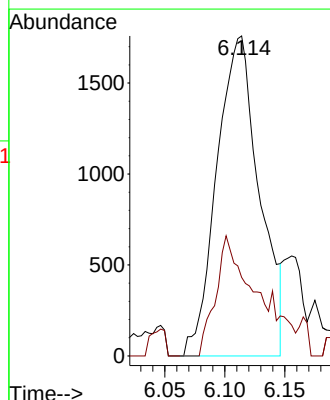
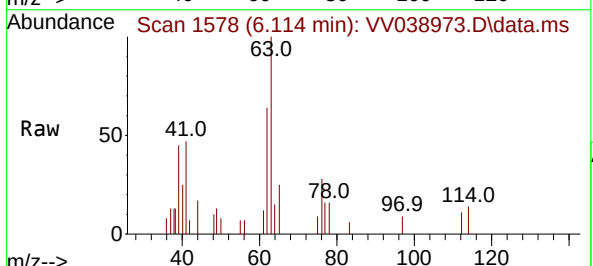
Lab File: VV038973.D

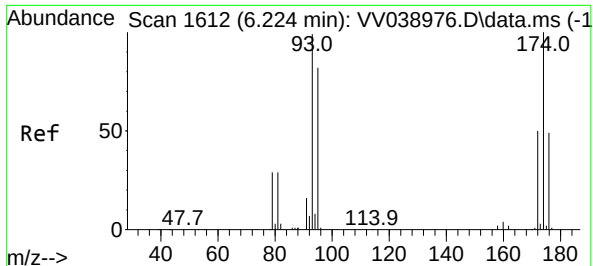
Acq: 21 Aug 2025 09:05

Tgt Ion: 63 Resp: 4343

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
63	100		
65	24.6	25.0	37.4

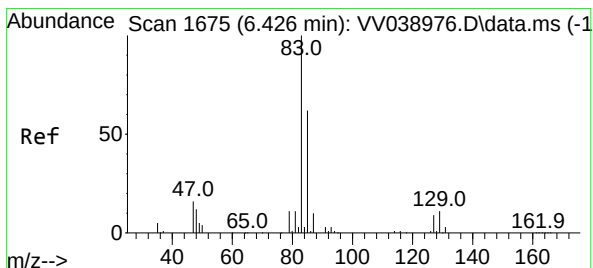
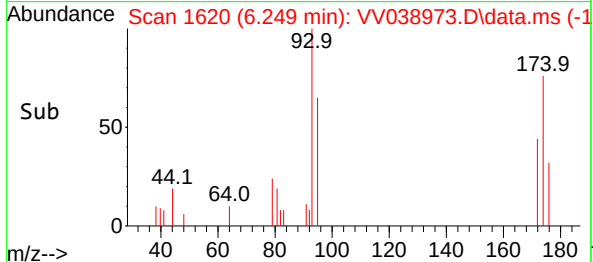
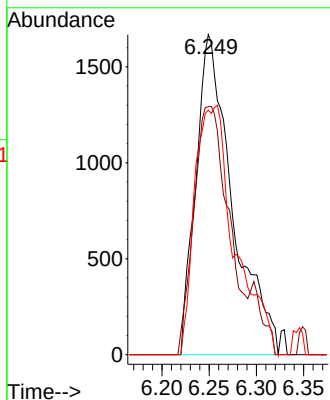
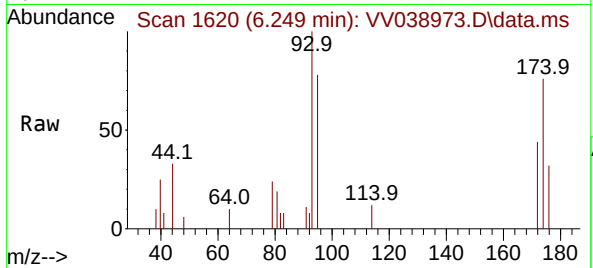




#46
Dibromomethane
Concen: 1.155 ug/l
RT: 6.249 min Scan# 1620
Delta R.T. 0.026 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

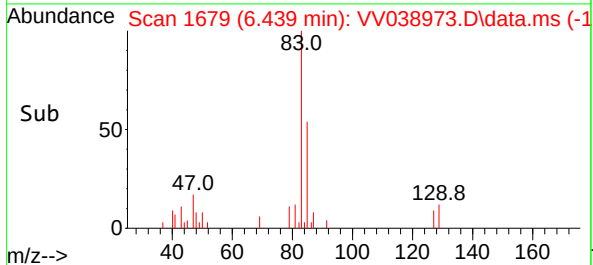
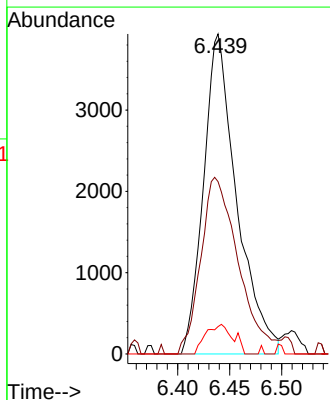
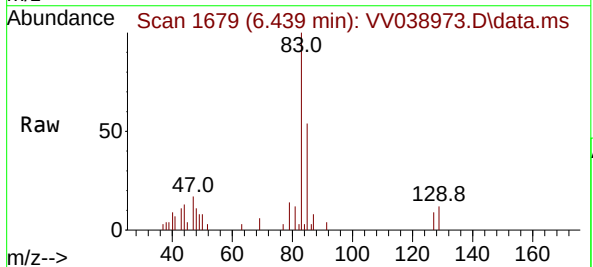
Instrument :
MSVOA_V
ClientSampleId :

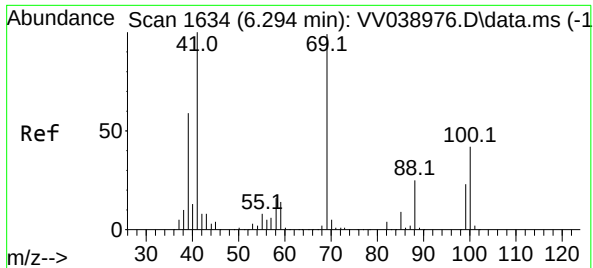
Tgt Ion: 93 Resp: 4509
Ion Ratio Lower Upper
93 100
95 73.2 66.4 99.6
174 84.5 79.7 119.5



#47
Bromodichloromethane
Concen: 1.098 ug/l
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 83 Resp: 8726
Ion Ratio Lower Upper
83 100
85 53.9 49.6 74.4
127 8.6 6.9 10.3

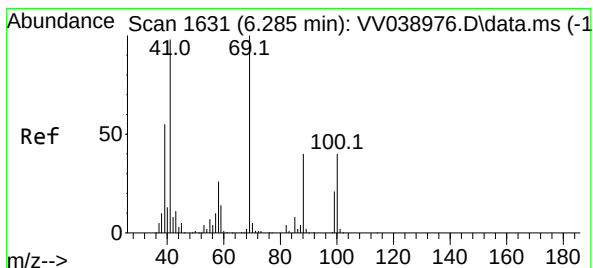
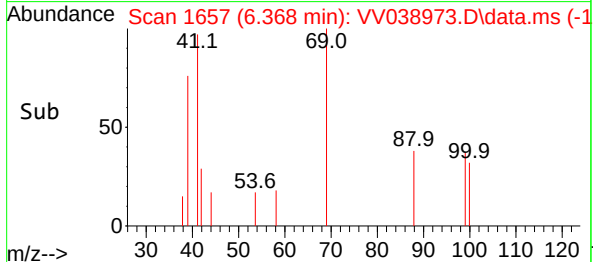
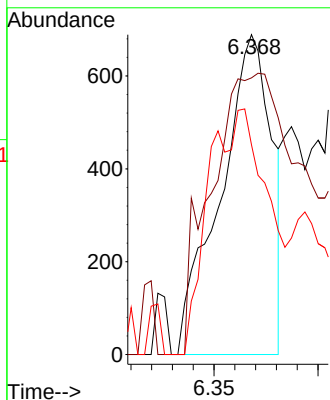
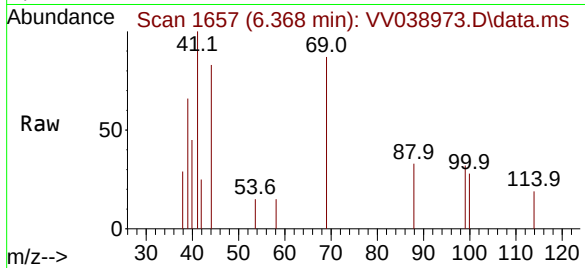




#48
Methyl methacrylate
Concen: 0.292 ug/l
RT: 6.368 min Scan# 1657
Delta R.T. 0.074 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

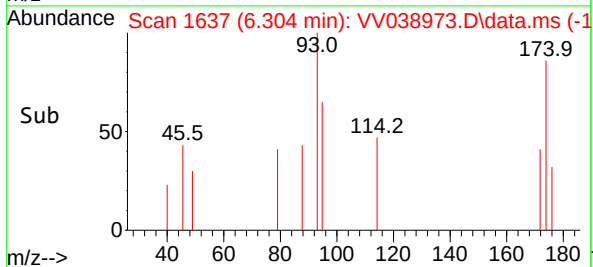
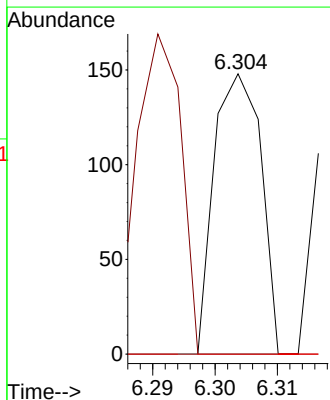
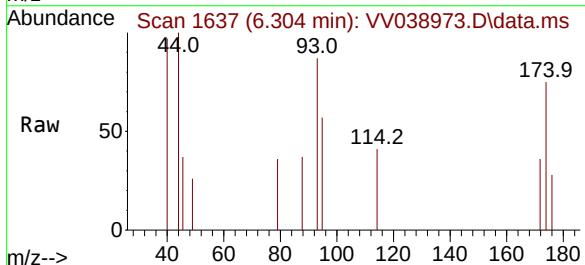
Instrument :
MSVOA_V
ClientSampleId :

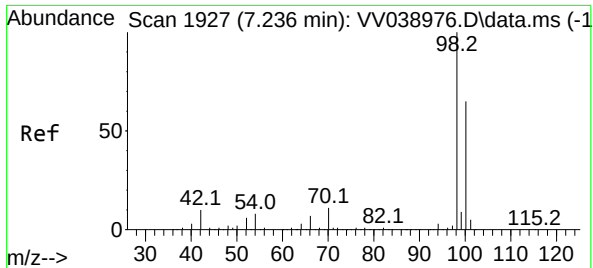
Tgt Ion: 41 Resp: 1185
Ion Ratio Lower Upper
41 100
69 148.5 82.5 123.7#
39 31.9 46.6 69.8#



#49
1,4-Dioxane
Concen: 1.085 ug/l
RT: 6.304 min Scan# 1637
Delta R.T. 0.019 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
43 132.5 24.6 36.8#
58 0.0 51.8 77.6#

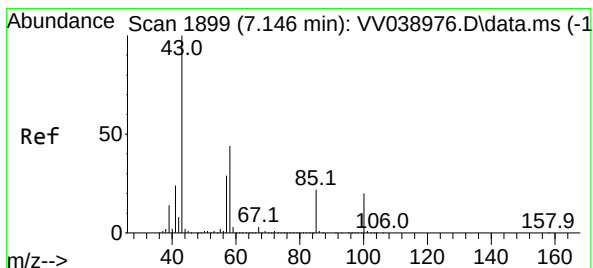
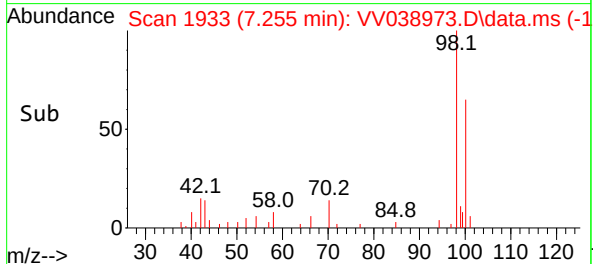
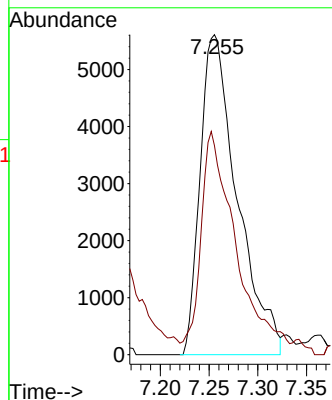
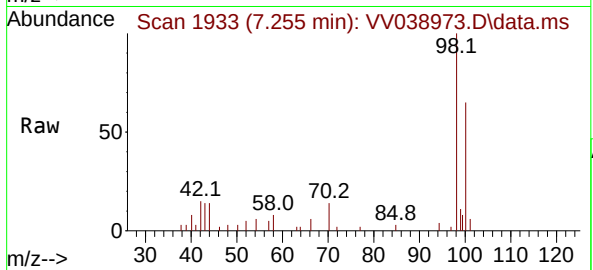




#50
Toluene-d8
Concen: 0.893 ug/l
RT: 7.255 min Scan# 1903
Delta R.T. 0.019 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

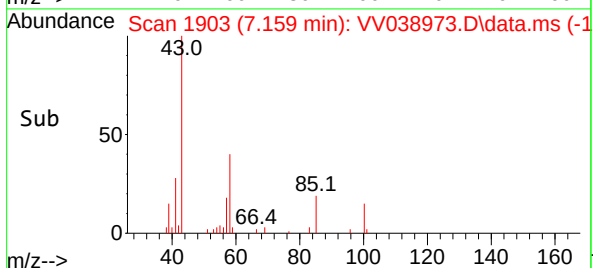
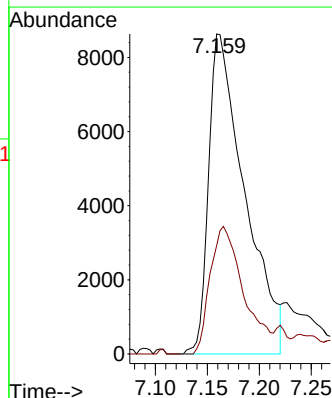
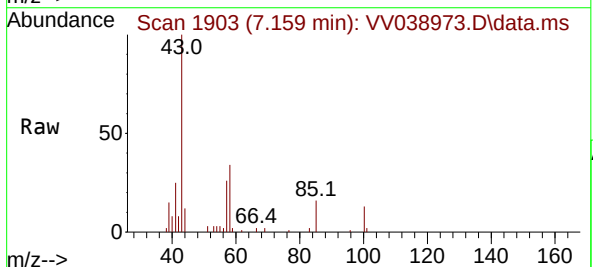
Instrument :
MSVOA_V
ClientSampleId :

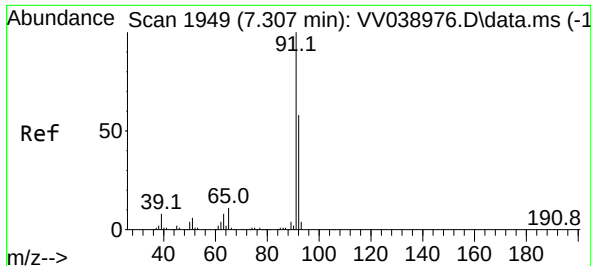
Tgt Ion: 98 Resp: 14856
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 3.382 ug/l
RT: 7.159 min Scan# 1903
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 43 Resp: 20823
Ion Ratio Lower Upper
43 100
58 37.4 34.6 51.8

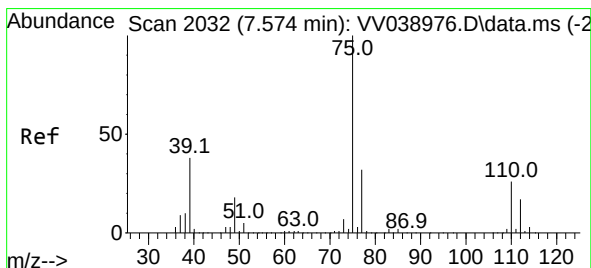
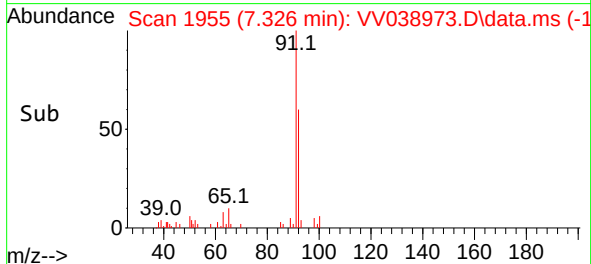
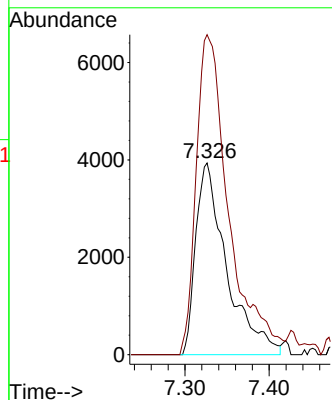
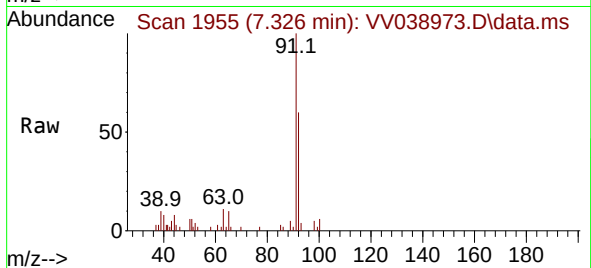




#52
Toluene
Concen: 0.819 ug/l
RT: 7.326 min Scan# 1949
Delta R.T. 0.019 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

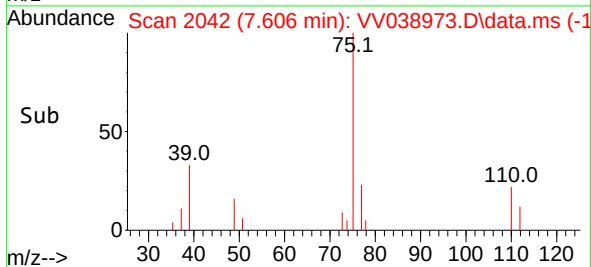
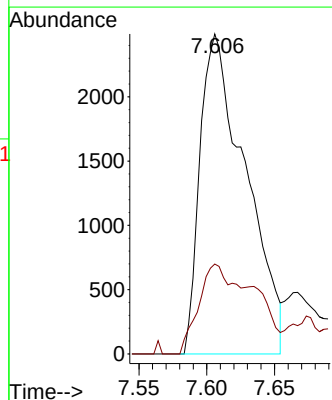
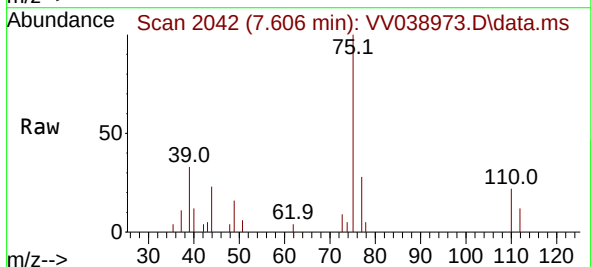
Instrument :
MSVOA_V
ClientSampleId :

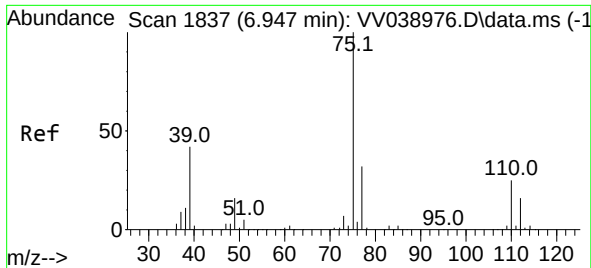
Tgt Ion: 92 Resp: 10062
Ion Ratio Lower Upper
92 100
91 175.5 136.3 204.5



#53
t-1,3-Dichloropropene
Concen: 0.783 ug/l
RT: 7.606 min Scan# 2042
Delta R.T. 0.032 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 75 Resp: 5816
Ion Ratio Lower Upper
75 100
77 28.1 25.3 37.9

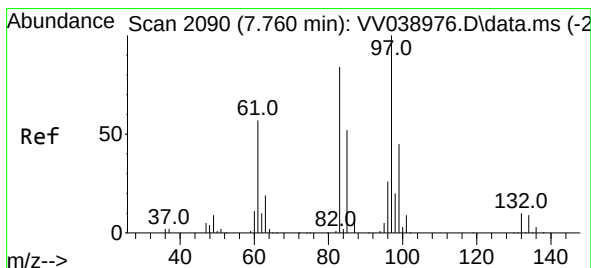
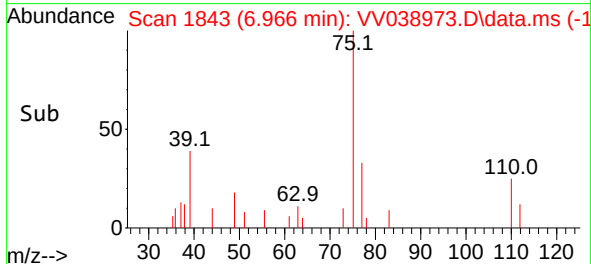
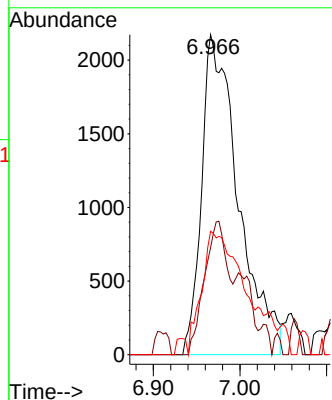
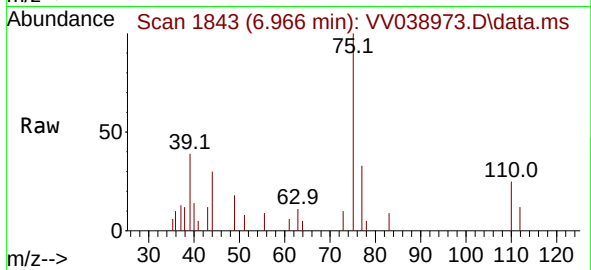




#54
 cis-1,3-Dichloropropene
 Concen: 0.830 ug/l
 RT: 6.966 min Scan# 1843
 Delta R.T. 0.019 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

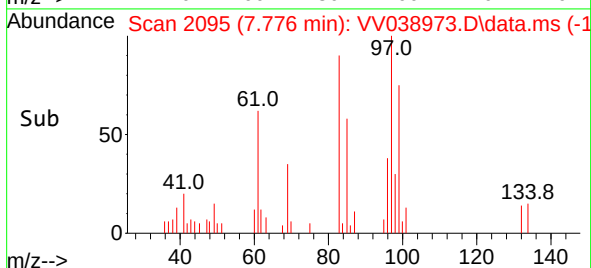
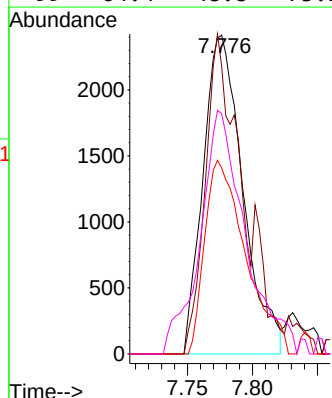
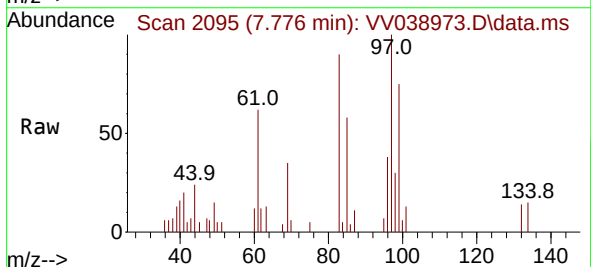
Instrument :
 MSVOA_V
 ClientSampleId :

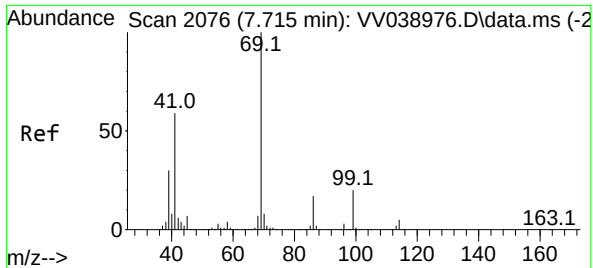
Tgt Ion:	75	Resp:	6390
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.6	38.4
39	33.5	33.3	49.9



#55
 1,1,2-Trichloroethane
 Concen: 0.959 ug/l
 RT: 7.776 min Scan# 2095
 Delta R.T. 0.016 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion:	97	Resp:	5138
Ion	Ratio	Lower	Upper
97	100		
83	90.3	67.2	100.8
85	58.3	42.7	64.1
99	64.4	48.8	73.2

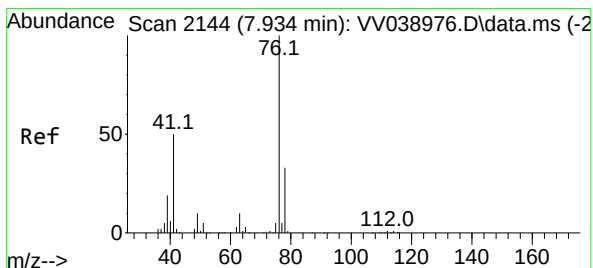
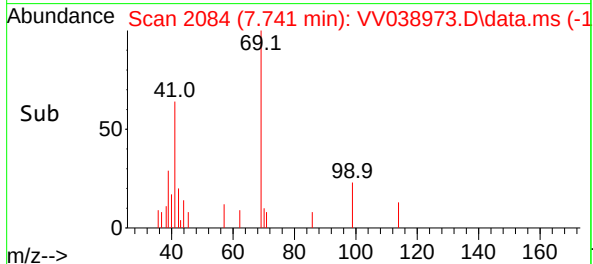
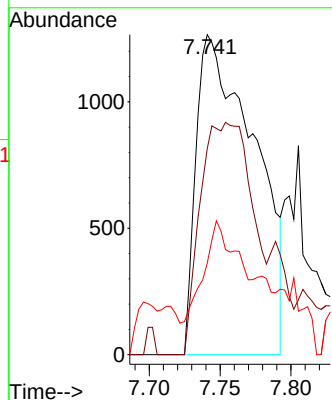
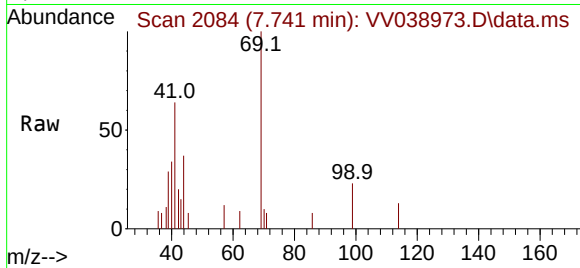




#56
Ethyl methacrylate
Concen: 2.674 ug/l
RT: 7.741 min Scan# 2076
Delta R.T. 0.026 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

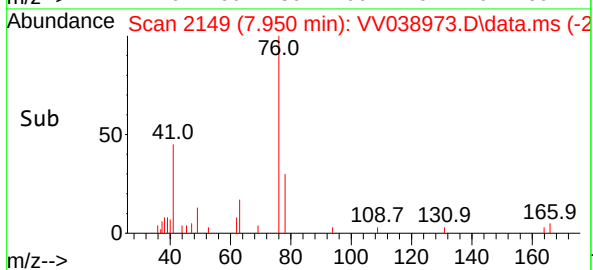
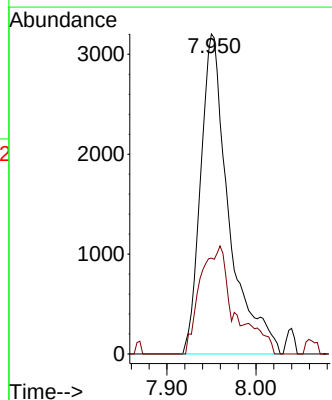
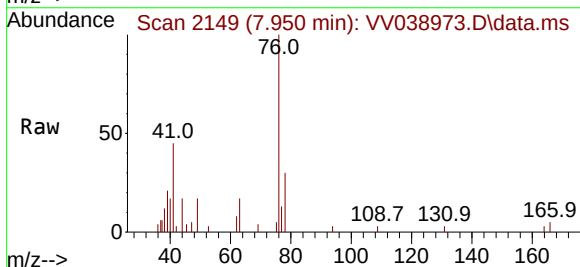
Instrument :
MSVOA_V
ClientSampleId :

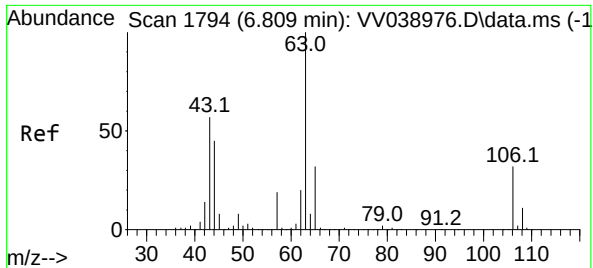
Tgt Ion: 69 Resp: 3602
Ion Ratio Lower Upper
69 100
41 65.6 47.5 71.3
39 19.0 24.2 36.2#



#57
1,3-Dichloropropane
Concen: 0.843 ug/l
RT: 7.950 min Scan# 2149
Delta R.T. 0.016 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 76 Resp: 7044
Ion Ratio Lower Upper
76 100
78 35.3 25.6 38.4

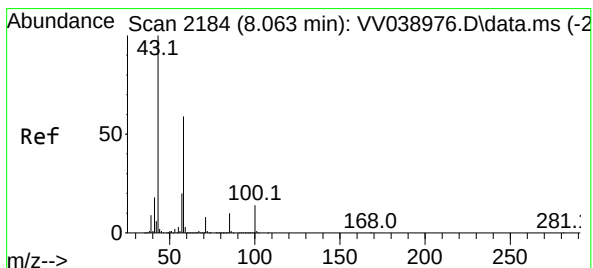
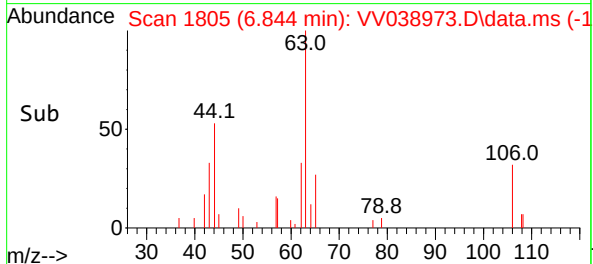
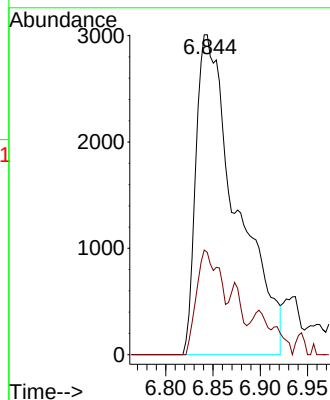
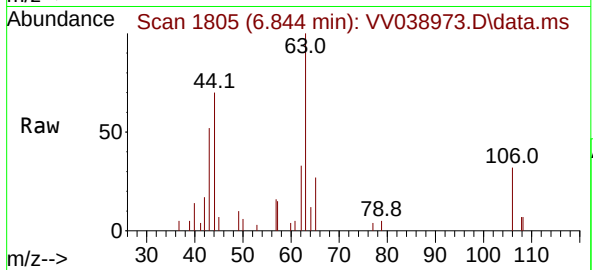




#58
2-Chloroethyl Vinyl ether
Concen: 7.421 ug/l
RT: 6.844 min Scan# 1805
Delta R.T. 0.035 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

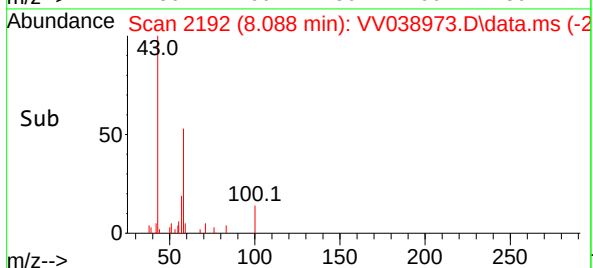
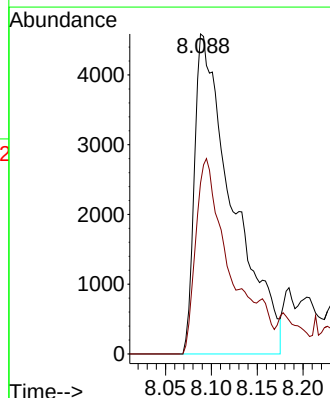
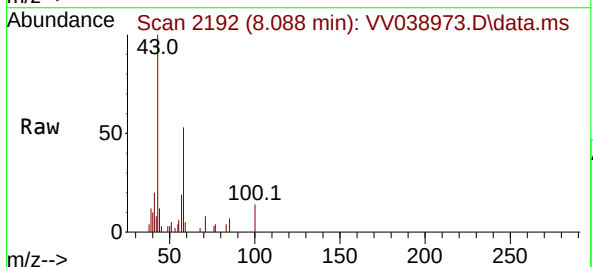
Instrument :
MSVOA_V
ClientSampleId :

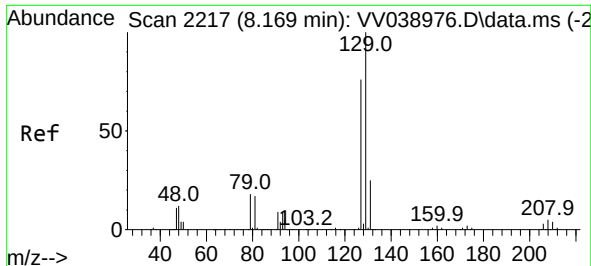
Tgt Ion: 63 Resp: 9019
Ion Ratio Lower Upper
63 100
106 18.9 25.6 38.4#



#59
2-Hexanone
Concen: 12.844 ug/l
RT: 8.088 min Scan# 2192
Delta R.T. 0.025 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 43 Resp: 13246
Ion Ratio Lower Upper
43 100
58 51.2 29.8 89.4

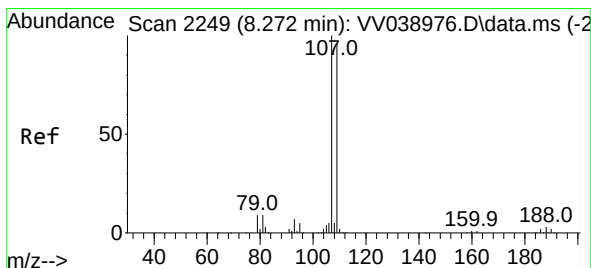
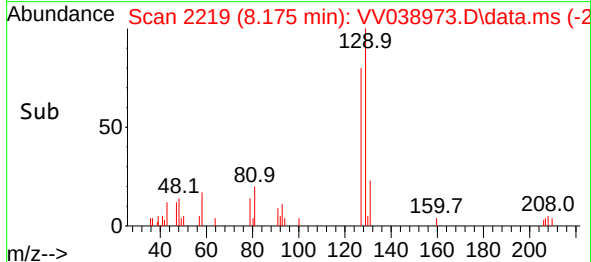
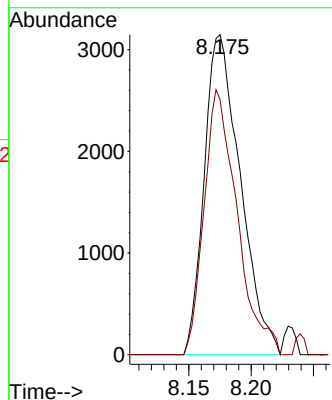
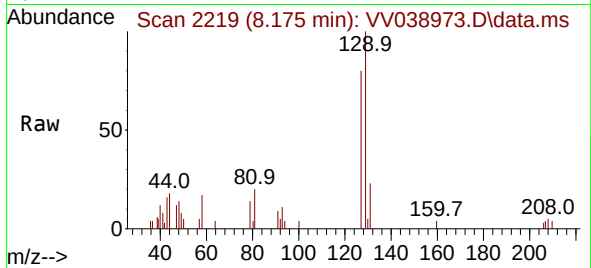




#60
 Dibromochloromethane
 Concen: 0.980 ug/l
 RT: 8.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

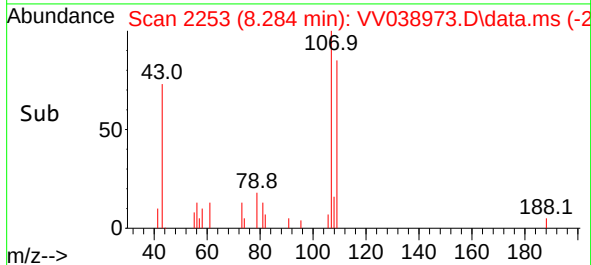
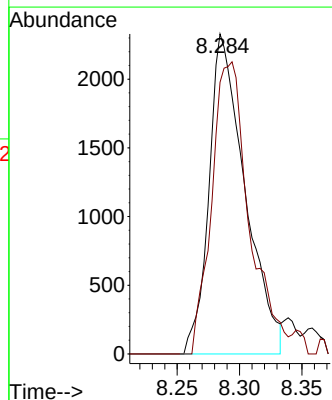
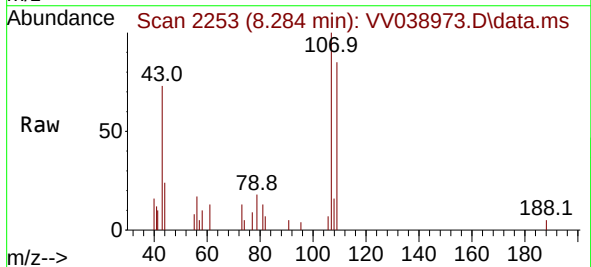
Instrument :
 MSVOA_V
 ClientSampleId :

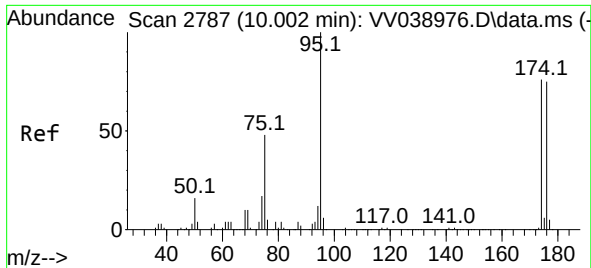
Tgt Ion:129 Resp: 6338
 Ion Ratio Lower Upper
 129 100
 127 75.9 38.4 115.1



#61
 1,2-Dibromoethane
 Concen: 0.841 ug/l
 RT: 8.284 min Scan# 2253
 Delta R.T. 0.013 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

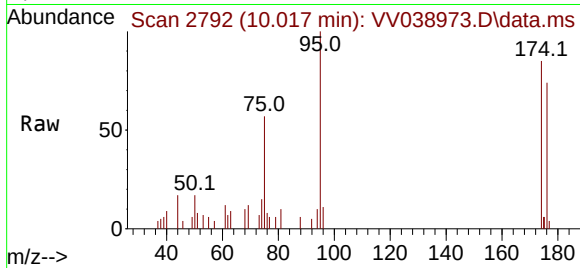
Tgt Ion:107 Resp: 4673
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.6



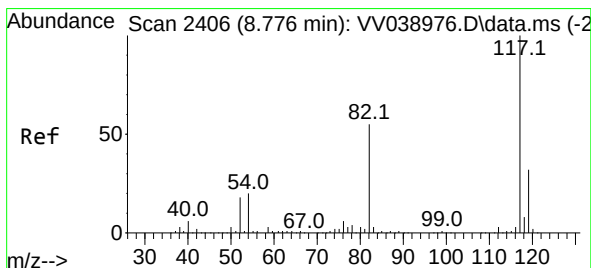
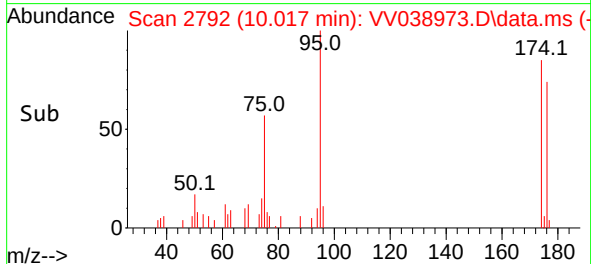
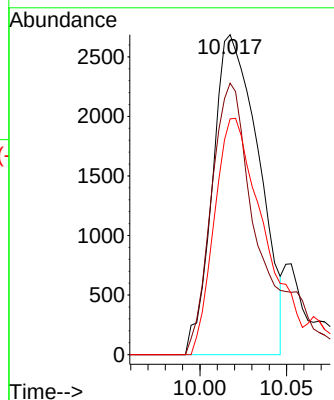


#62
4-Bromofluorobenzene
Concen: 0.822 ug/l
RT: 10.017 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :

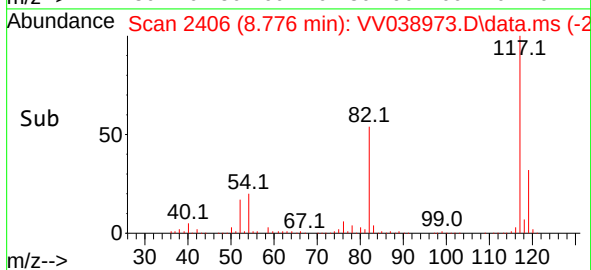
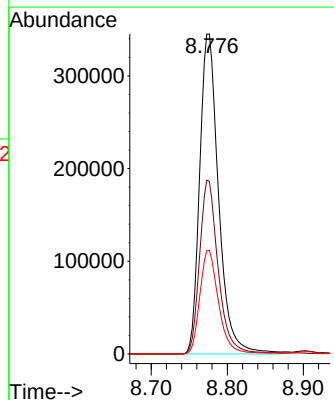
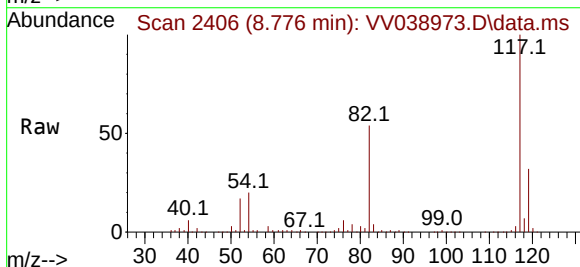


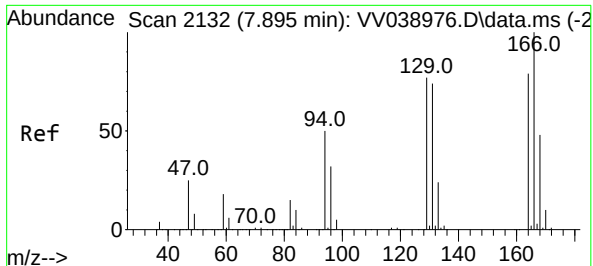
Tgt Ion: 95 Resp: 5000
Ion Ratio Lower Upper
95 100
174 89.1 0.0 154.4
176 79.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

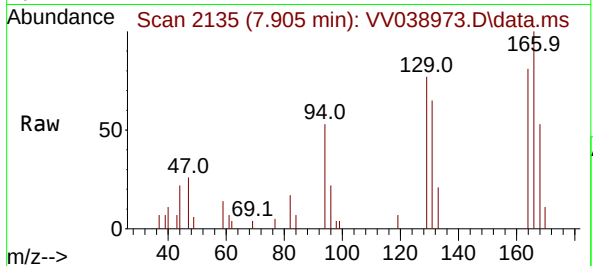
Tgt Ion: 117 Resp: 596513
Ion Ratio Lower Upper
117 100
82 54.0 44.4 66.6
119 32.4 26.0 39.0



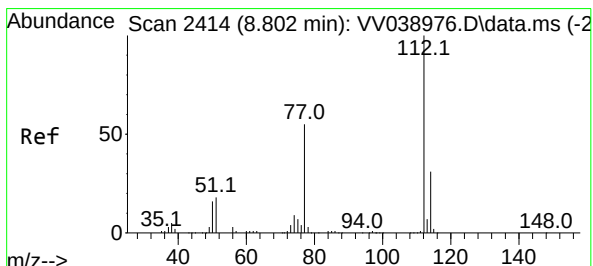
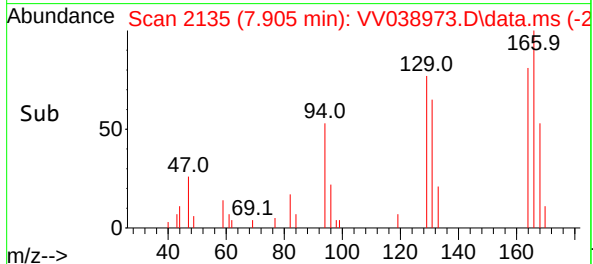
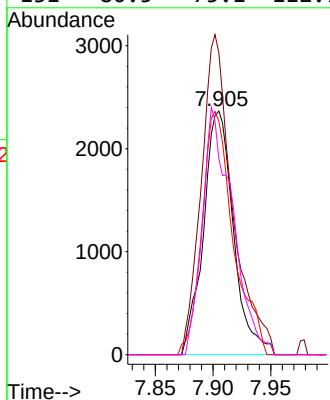


#64
Tetrachloroethene
Concen: 0.964 ug/l
RT: 7.905 min Scan# 2135
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :

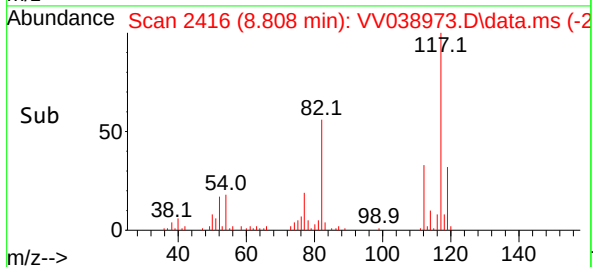
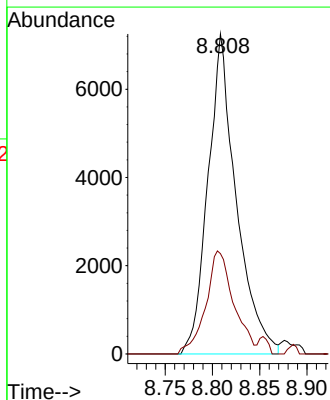
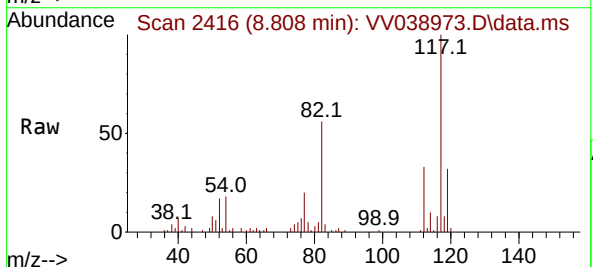


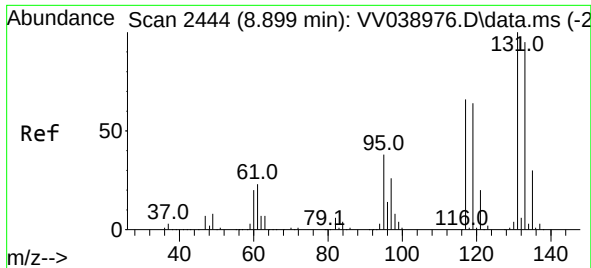
Tgt Ion:	164	Resp:	4279
Ion	Ratio	Lower	Upper
164	100		
166	124.0	101.8	152.6
129	95.9	78.7	118.1
131	80.5	75.1	112.7



#65
Chlorobenzene
Concen: 1.049 ug/l
RT: 8.808 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:	112	Resp:	15090
Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

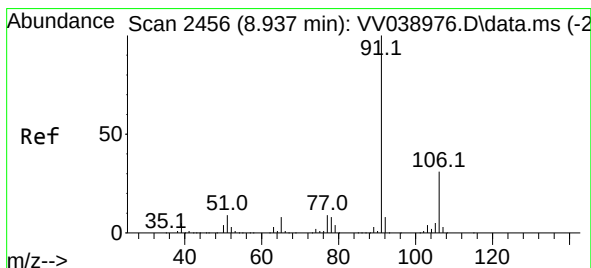
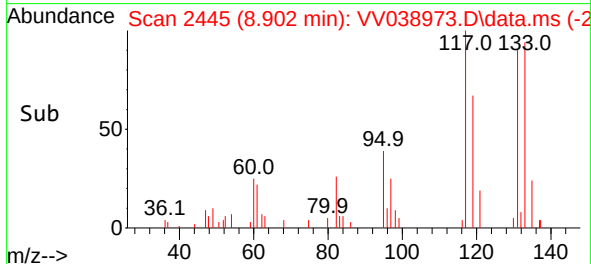
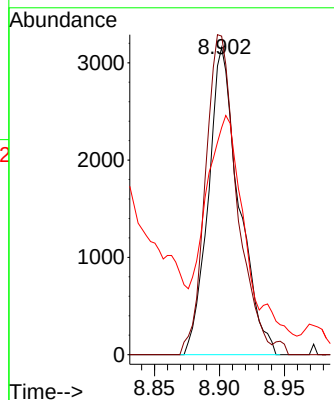
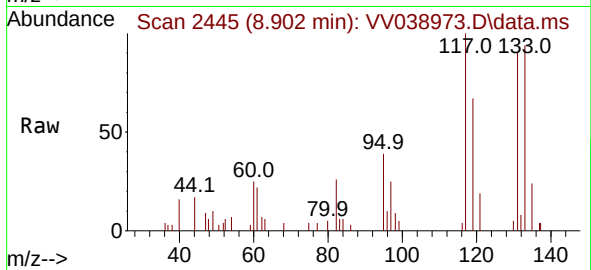




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.004 ug/l
 RT: 8.902 min Scan# 2444
 Delta R.T. 0.003 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

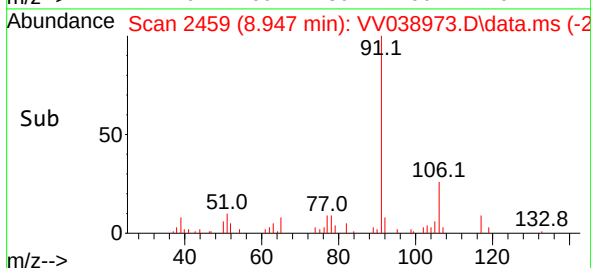
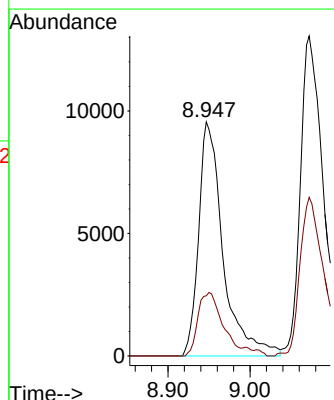
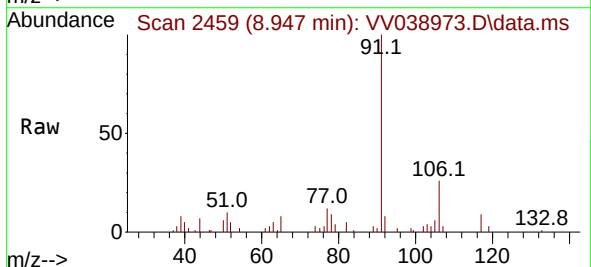
Instrument :
 MSVOA_V
 ClientSampleId :

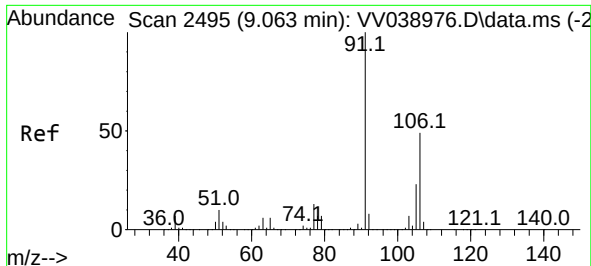
Tgt Ion:131 Resp: 5184
 Ion Ratio Lower Upper
 131 100
 133 107.0 47.6 142.9
 119 0.0 32.1 96.3#



#67
 Ethyl Benzene
 Concen: 0.899 ug/l
 RT: 8.947 min Scan# 2459
 Delta R.T. 0.009 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion: 91 Resp: 19734
 Ion Ratio Lower Upper
 91 100
 106 25.7 24.6 36.8

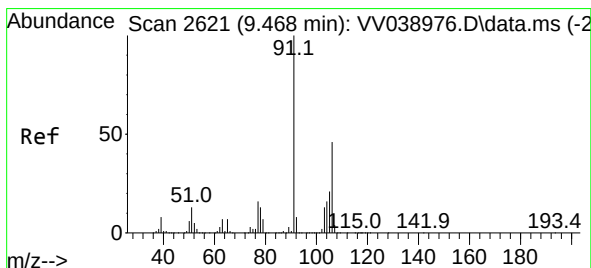
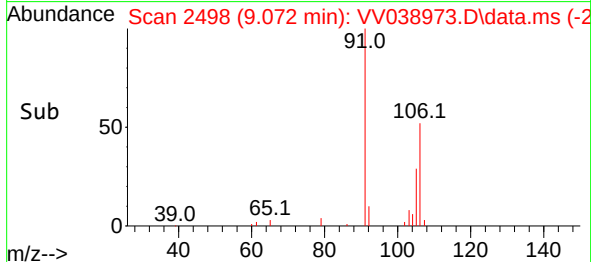
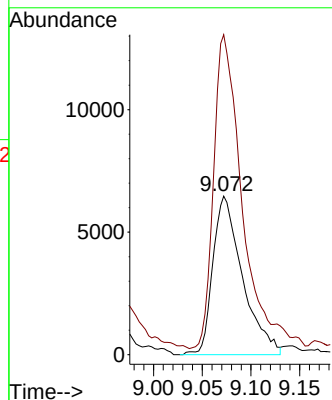
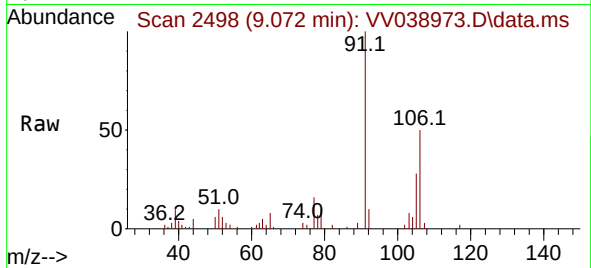




#68
m/p-Xylenes
Concen: 1.605 ug/l
RT: 9.072 min Scan# 2498
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

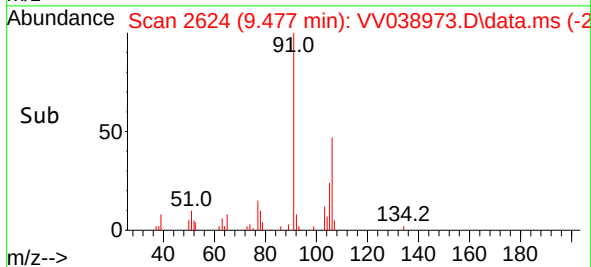
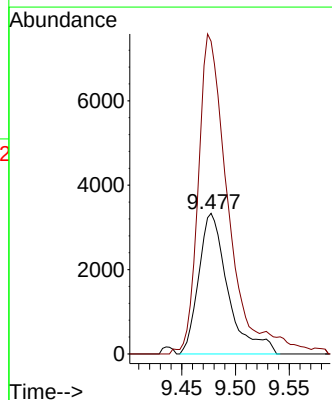
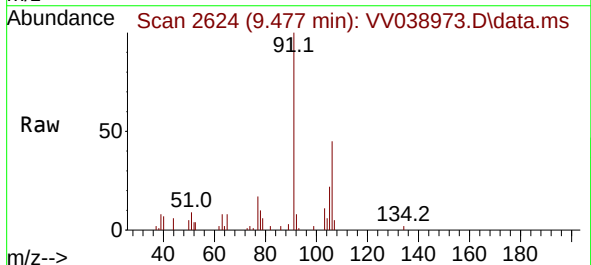
Instrument :
MSVOA_V
ClientSampleId :

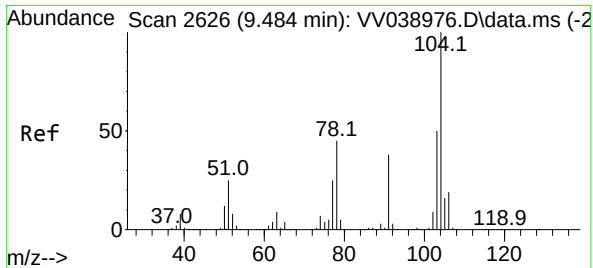
Tgt Ion:106 Resp: 13689
Ion Ratio Lower Upper
106 100
91 193.3 163.6 245.4



#69
o-Xylene
Concen: 0.812 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:106 Resp: 6311
Ion Ratio Lower Upper
106 100
91 219.1 108.0 324.0

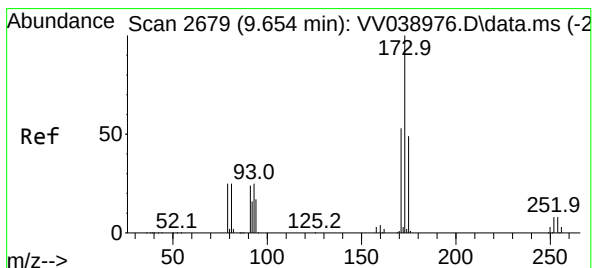
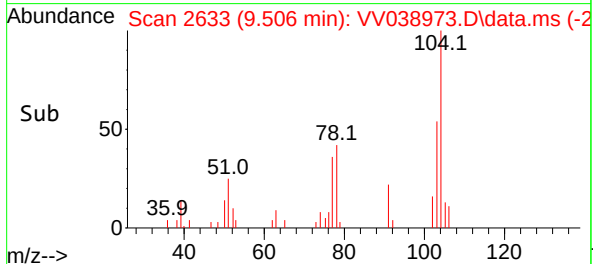
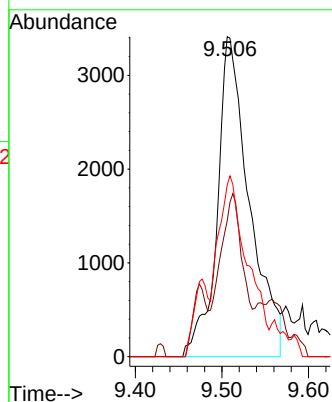
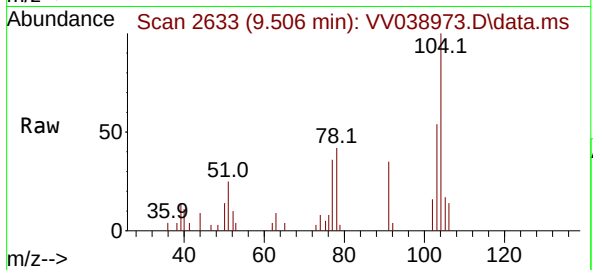




#70
Styrene
Concen: 0.660 ug/l
RT: 9.506 min Scan# 2633
Delta R.T. 0.022 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

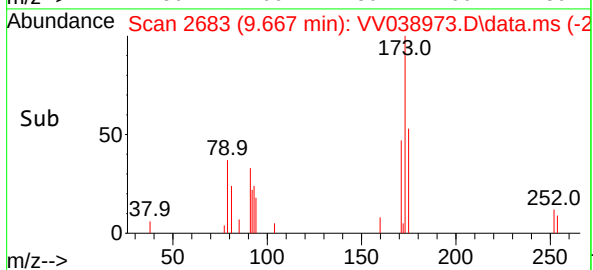
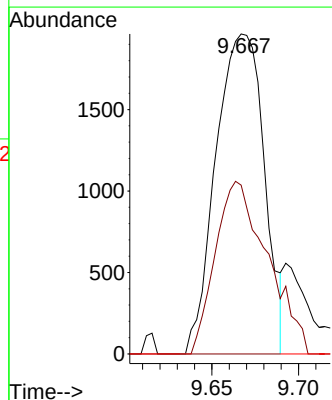
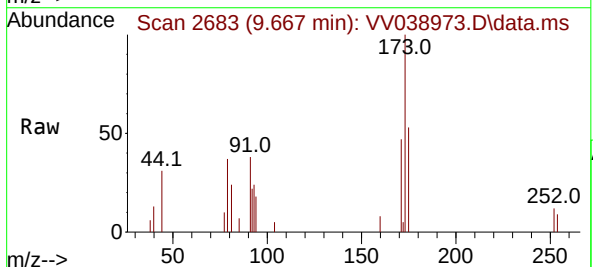
Instrument :
MSVOA_V
ClientSampleId :

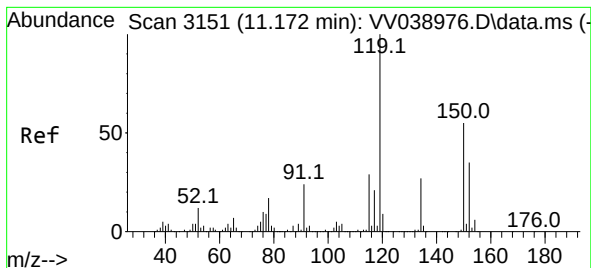
Tgt Ion:104 Resp: 8805
Ion Ratio Lower Upper
104 100
78 23.9 39.8 59.8#
103 43.1 43.5 65.3#



#71
Bromoform
Concen: 0.896 ug/l
RT: 9.667 min Scan# 2683
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:173 Resp: 3818
Ion Ratio Lower Upper
173 100
175 58.1 24.6 73.6
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

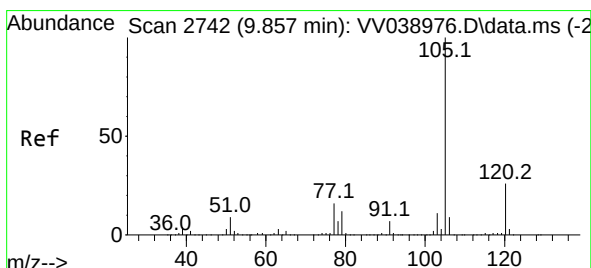
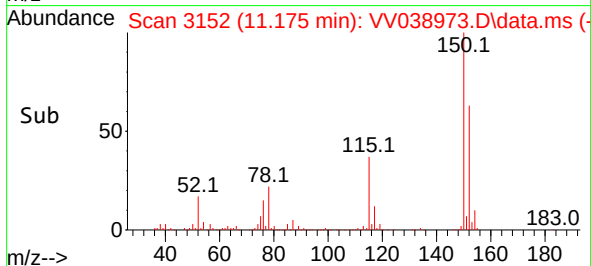
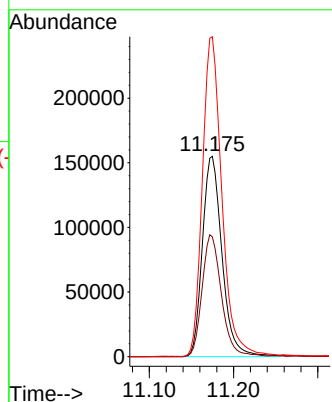
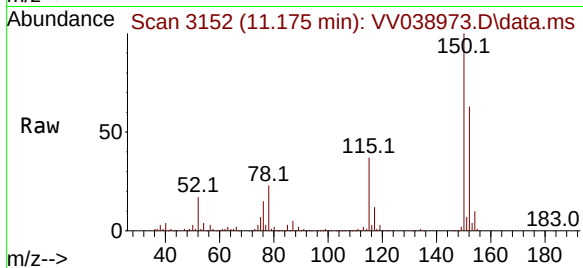
Tgt Ion:152 Resp: 251713

Ion Ratio Lower Upper

152 100

115 59.9 42.5 127.5

150 158.5 0.0 344.8



#73

Isopropylbenzene

Concen: 0.993 ug/l

RT: 9.860 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VV038973.D

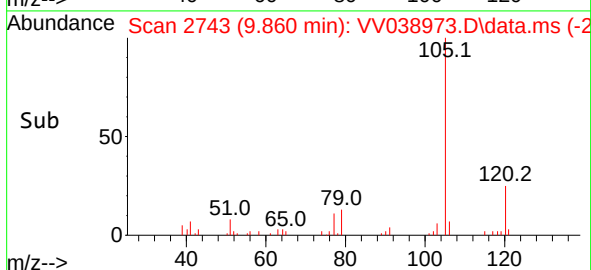
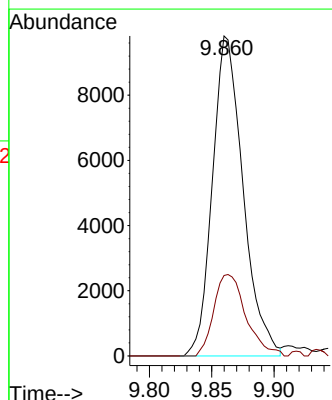
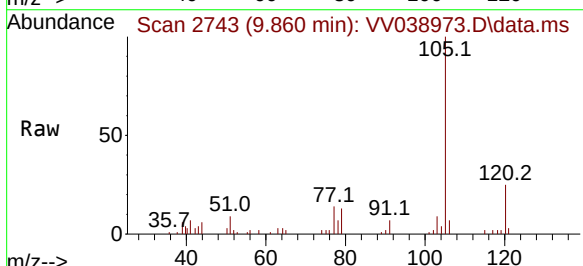
Acq: 21 Aug 2025 09:05

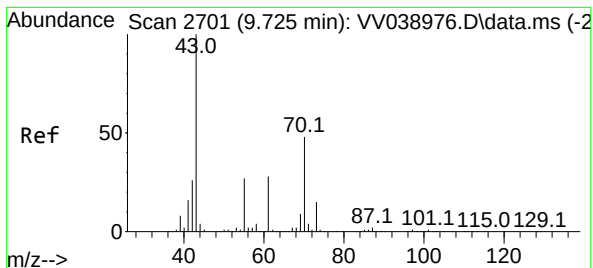
Tgt Ion:105 Resp: 16775

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.1





#74

N-amy1 acetate

Concen: 0.333 ug/l

RT: 9.750 min Scan# 21

Delta R.T. 0.025 min

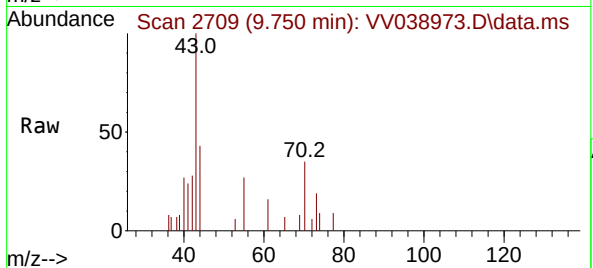
Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2040

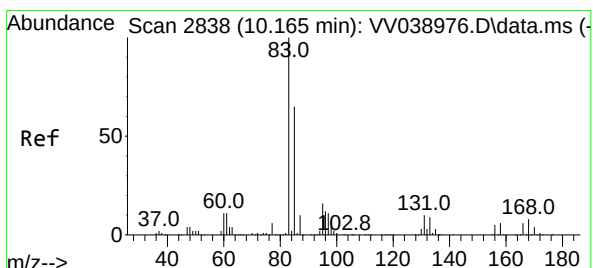
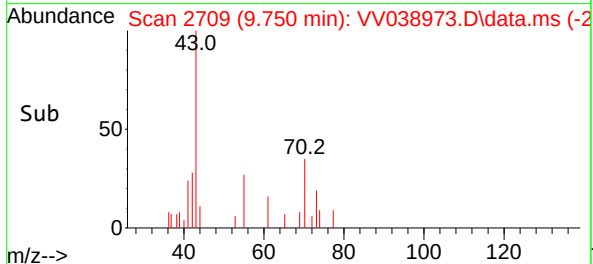
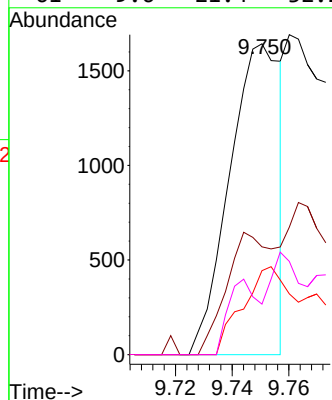
Ion Ratio Lower Upper

43 100

70 72.4 38.3 57.5#

55 27.0 21.6 32.4

61 9.6 21.4 32.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.310 ug/l

RT: 10.172 min Scan# 2840

Delta R.T. 0.006 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

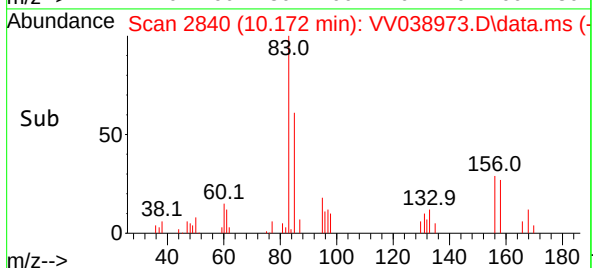
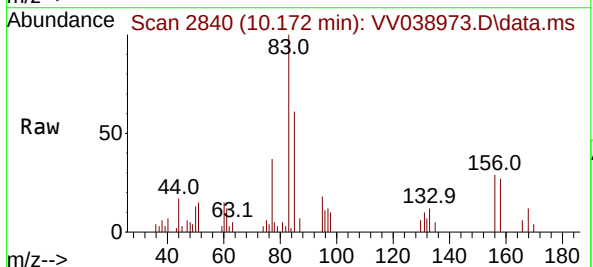
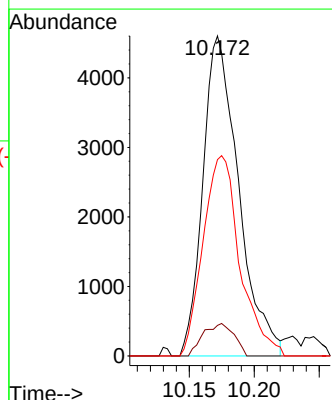
Tgt Ion: 83 Resp: 8787

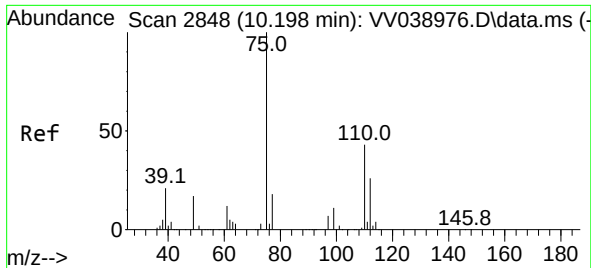
Ion Ratio Lower Upper

83 100

131 8.8 5.3 15.9

85 64.5 32.5 97.5

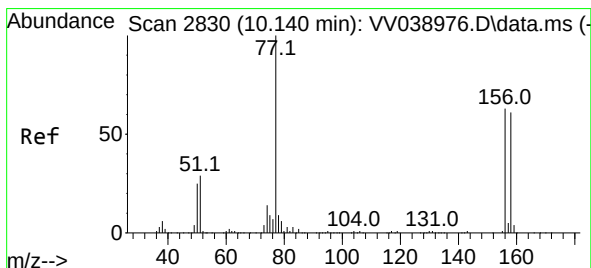
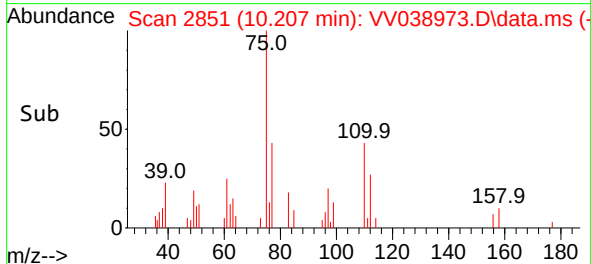
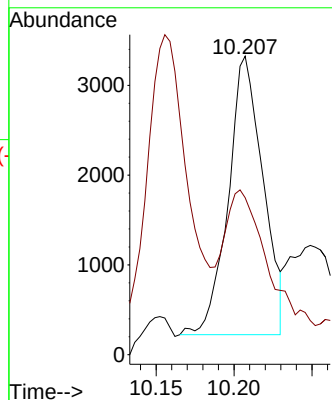
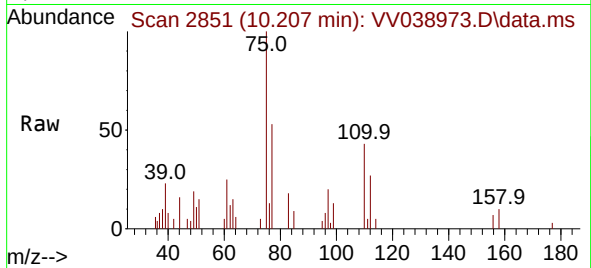




#76
1,2,3-Trichloropropane
Concen: 1.040 ug/l
RT: 10.207 min Scan# 2851
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

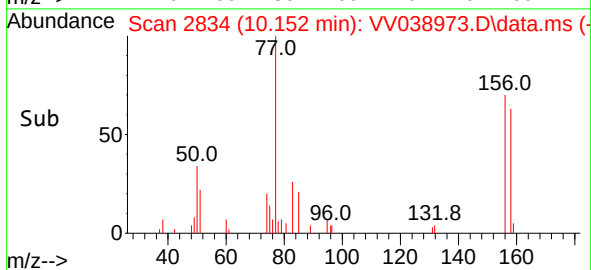
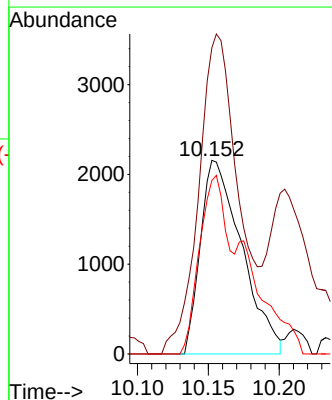
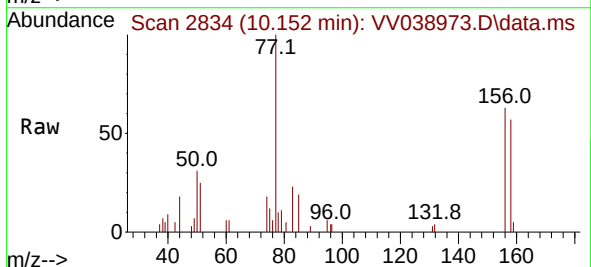
Instrument :
MSVOA_V
ClientSampleId :

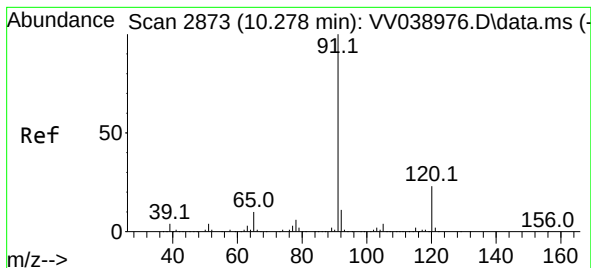
Tgt Ion: 75 Resp: 4814
Ion Ratio Lower Upper
75 100
77 59.3 11.3 33.8#



#77
Bromobenzene
Concen: 1.006 ug/l
RT: 10.152 min Scan# 2834
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:156 Resp: 4365
Ion Ratio Lower Upper
156 100
77 156.5 79.0 237.0
158 64.8 48.6 145.9





#78

n-propylbenzene

Concen: 0.932 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.006 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

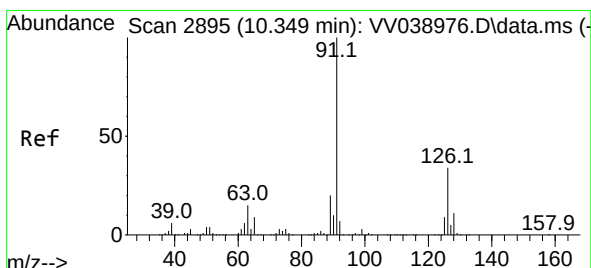
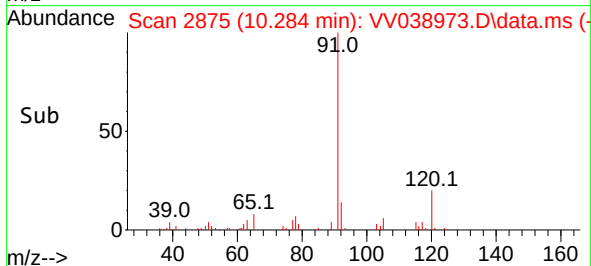
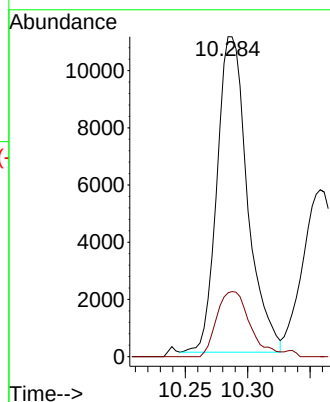
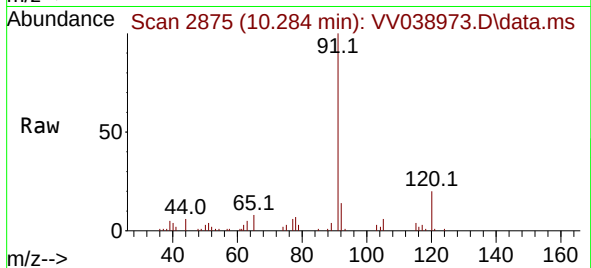
ClientSampleId :

Tgt Ion: 91 Resp: 18791

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.842 ug/l

RT: 10.358 min Scan# 2898

Delta R.T. 0.009 min

Lab File: VV038973.D

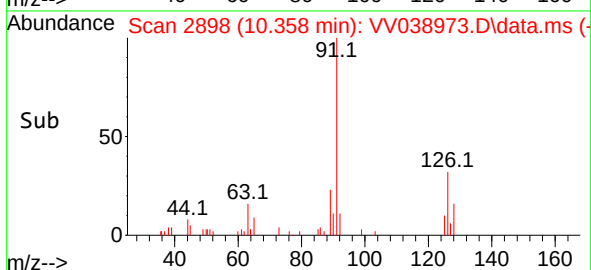
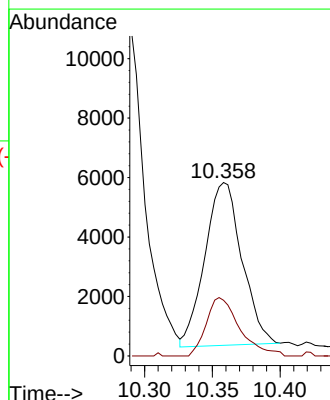
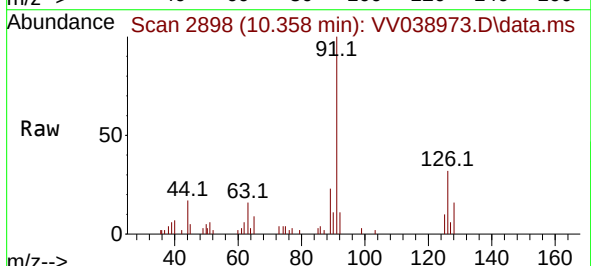
Acq: 21 Aug 2025 09:05

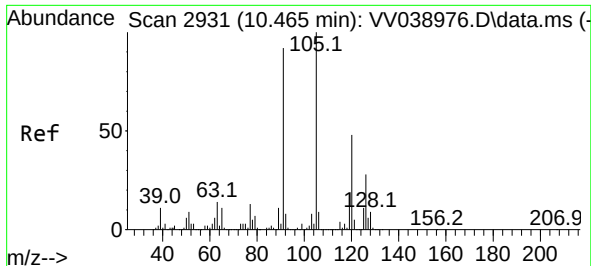
Tgt Ion: 91 Resp: 10427

Ion Ratio Lower Upper

91 100

126 32.2 17.1 51.2

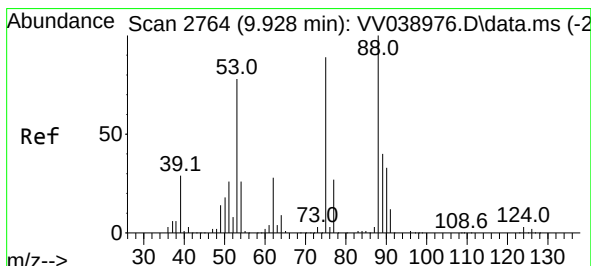
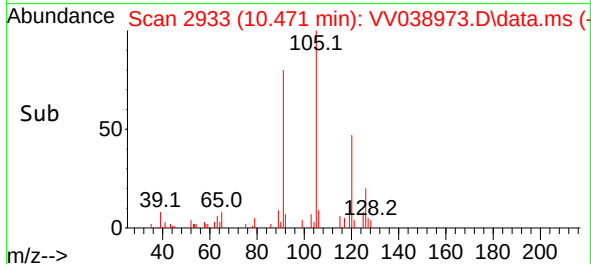
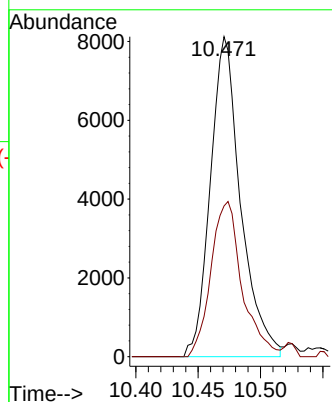
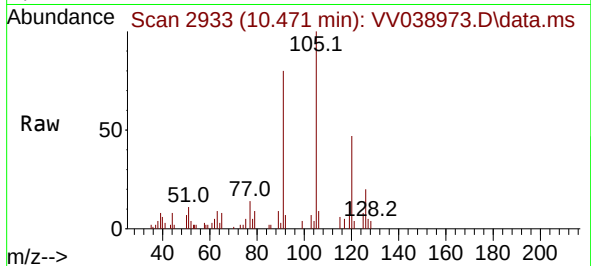




#80
 1,3,5-Trimethylbenzene
 Concen: 0.967 ug/l
 RT: 10.471 min Scan# 2931
 Delta R.T. 0.006 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

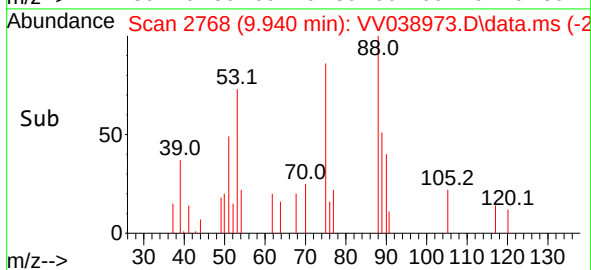
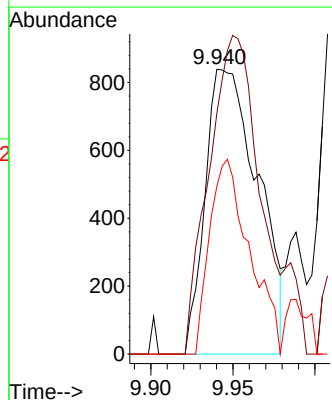
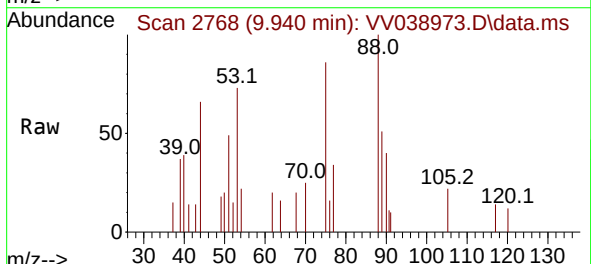
Instrument :
 MSVOA_V
 ClientSampleId :

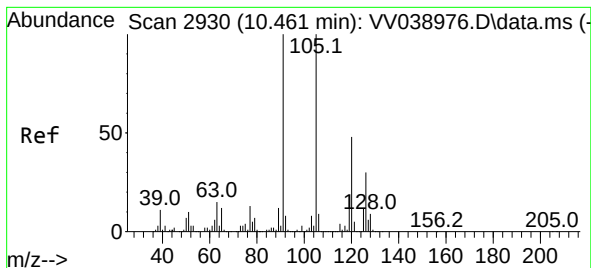
Tgt Ion:105 Resp: 13747
 Ion Ratio Lower Upper
 105 100
 120 49.8 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.922 ug/l
 RT: 9.940 min Scan# 2768
 Delta R.T. 0.013 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion: 75 Resp: 1875
 Ion Ratio Lower Upper
 75 100
 53 105.4 70.3 105.5
 89 51.7 37.9 56.9





#82

4-Chlorotoluene

Concen: 0.923 ug/l

RT: 10.477 min Scan# 2930

Delta R.T. 0.016 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

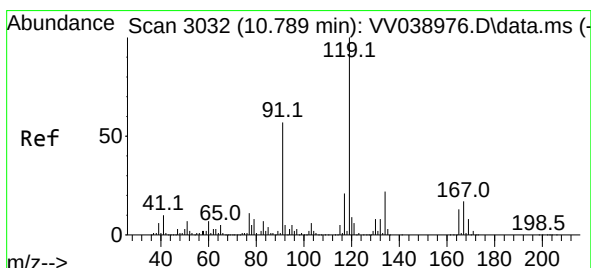
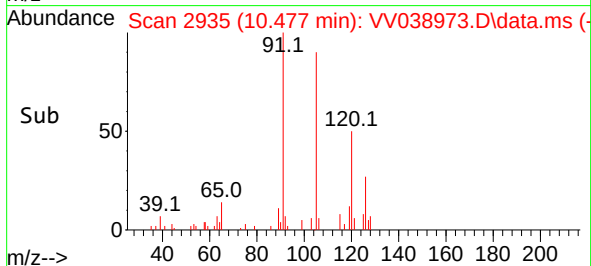
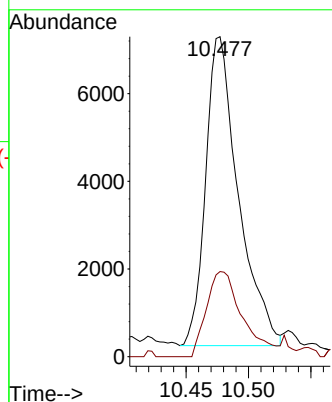
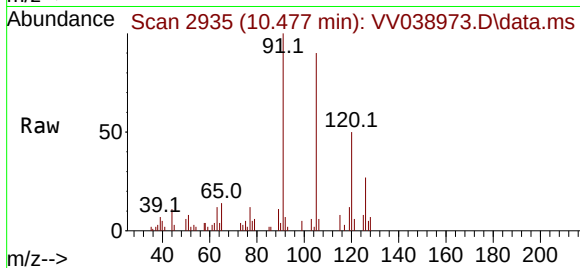
ClientSampleId :

Tgt Ion: 91 Resp: 12887

Ion Ratio Lower Upper

91 100

126 30.1 14.9 44.5



#83

tert-Butylbenzene

Concen: 1.006 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

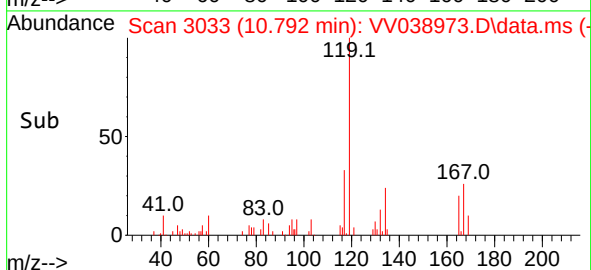
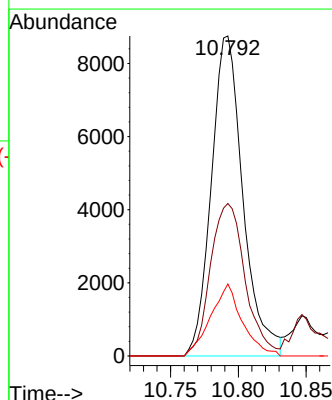
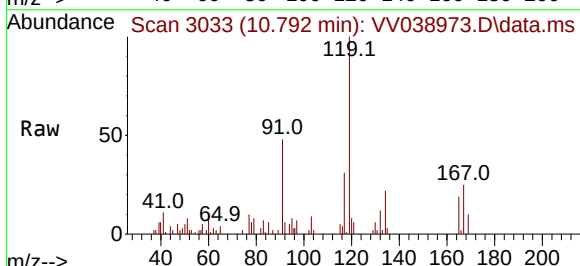
Tgt Ion: 119 Resp: 14198

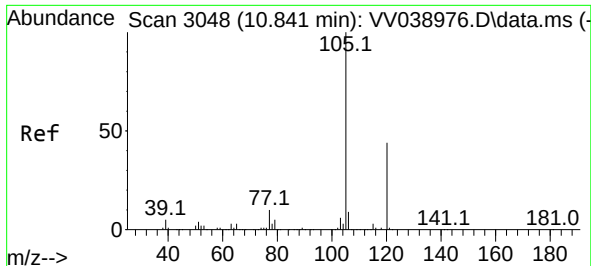
Ion Ratio Lower Upper

119 100

91 52.2 28.4 85.3

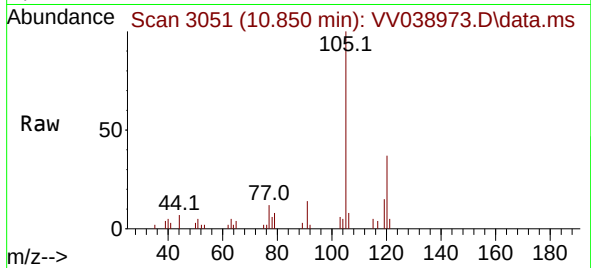
134 22.5 11.2 33.6



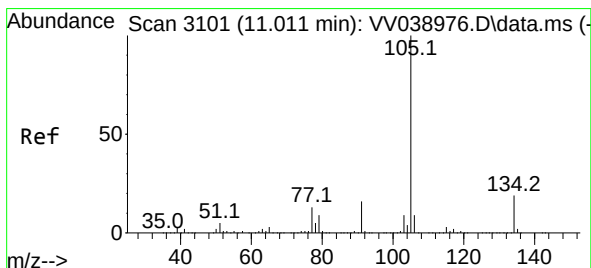
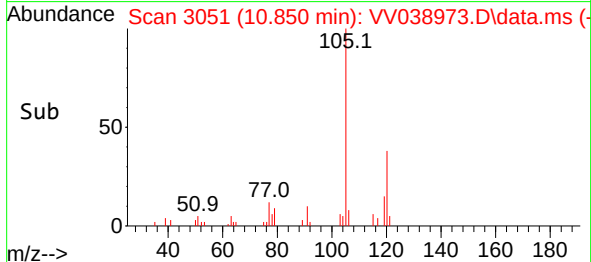
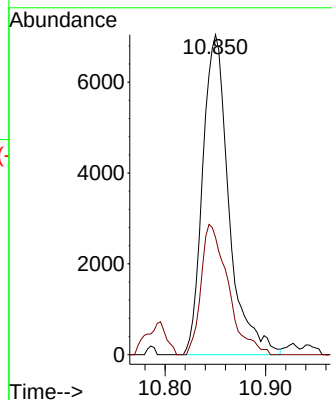


#84
 1,2,4-Trimethylbenzene
 Concen: 0.940 ug/l
 RT: 10.850 min Scan# 3048
 Delta R.T. 0.009 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Instrument :
 MSVOA_V
 ClientSampleId :

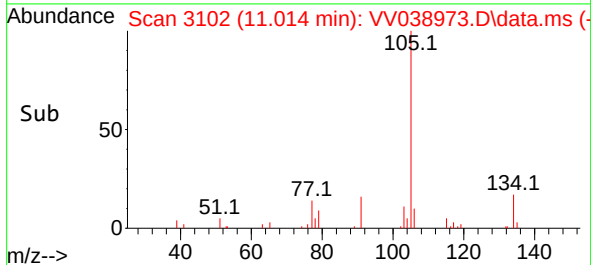
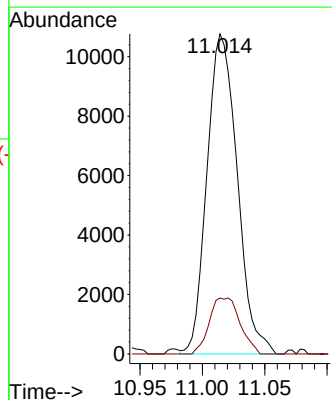
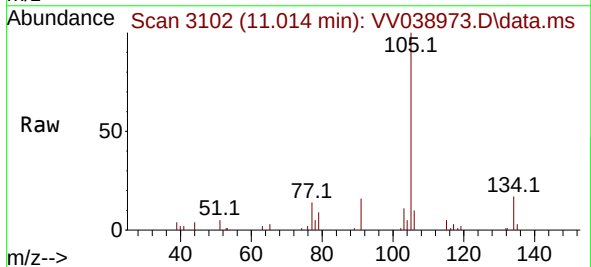


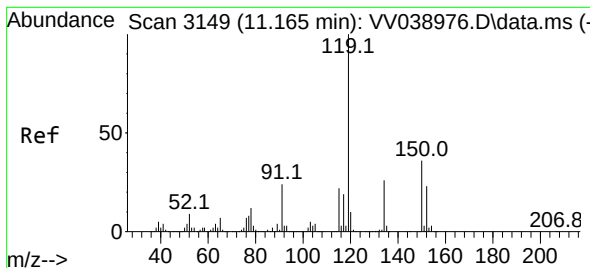
Tgt Ion:105 Resp: 12782
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 0.992 ug/l
 RT: 11.014 min Scan# 3102
 Delta R.T. 0.003 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion:105 Resp: 18208
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.9 29.7





#86

p-Isopropyltoluene

Concen: 0.930 ug/l

RT: 11.168 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VV038973.D

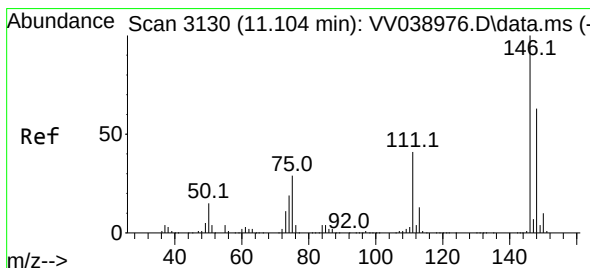
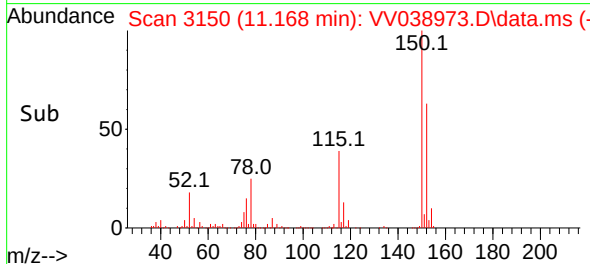
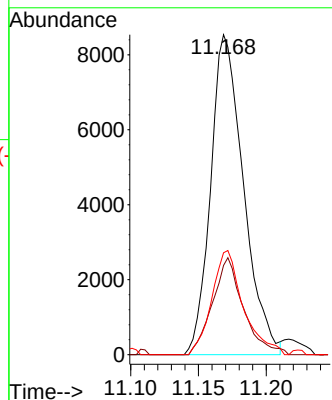
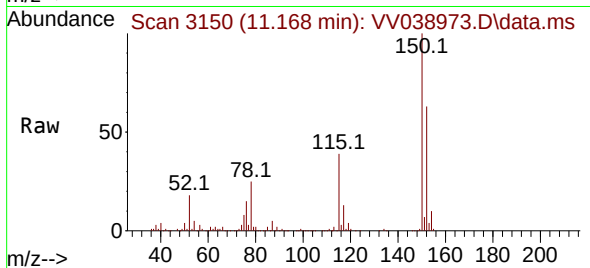
Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:119	Resp:	14370
Ion Ratio	Lower	Upper
119	100	
134	28.6	13.0 38.9
91	31.3	12.4 37.0



#87

1,3-Dichlorobenzene

Concen: 1.019 ug/l

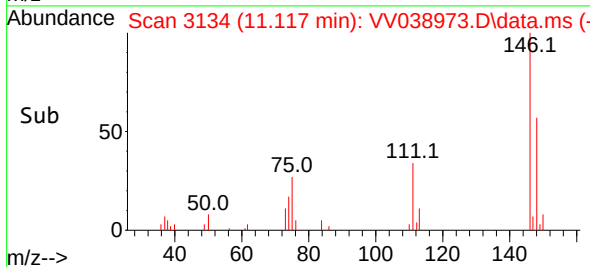
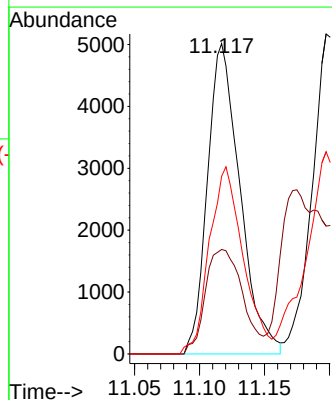
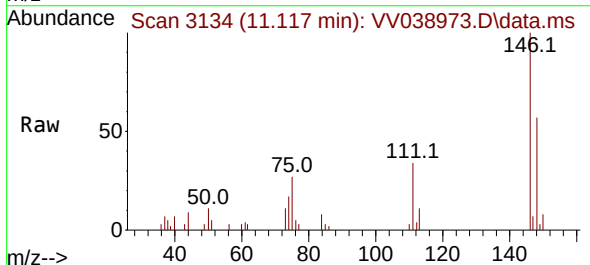
RT: 11.117 min Scan# 3134

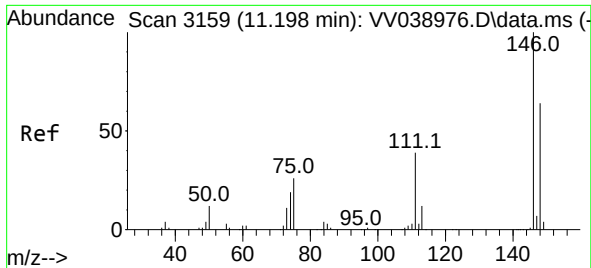
Delta R.T. 0.013 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

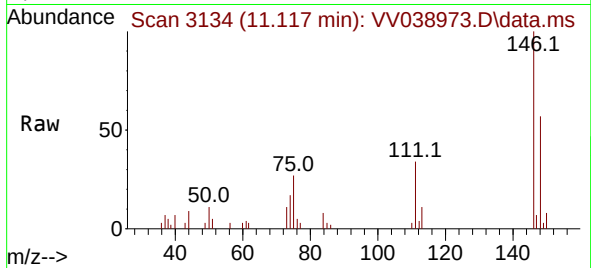
Tgt Ion:146	Resp:	8733
Ion Ratio	Lower	Upper
146	100	
111	38.7	20.5 61.6
148	62.7	31.9 95.5



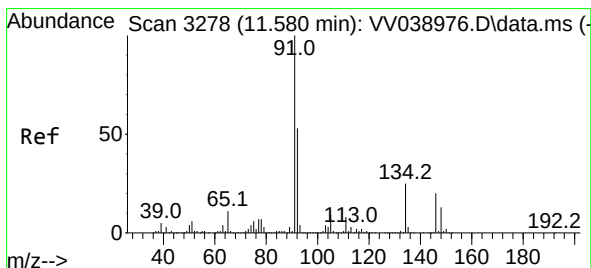
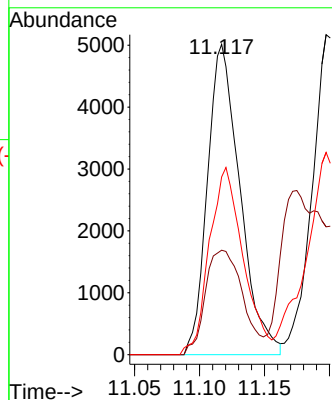
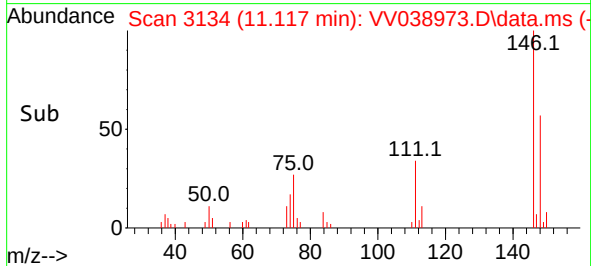


#88
1,4-Dichlorobenzene
Concen: 0.955 ug/l
RT: 11.117 min Scan# 3159
Delta R.T. -0.081 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

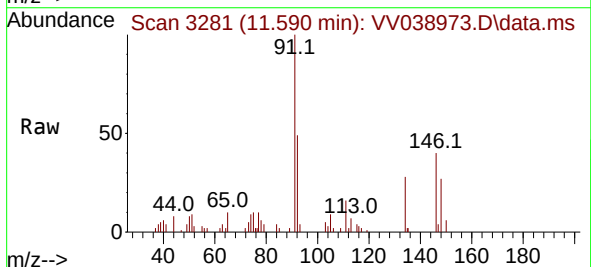
Instrument :
MSVOA_V
ClientSampleId :



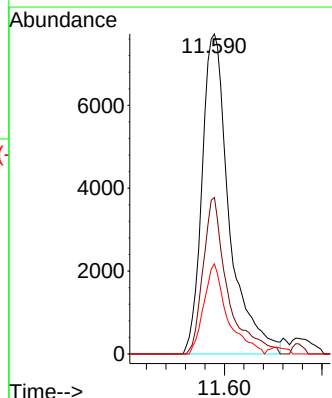
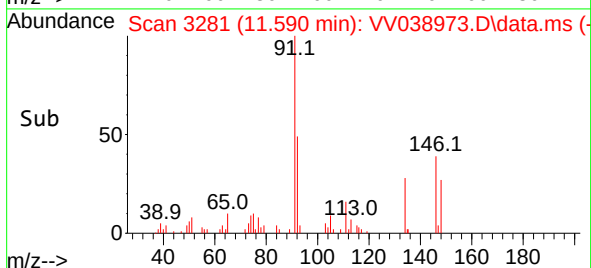
Tgt Ion:146 Resp: 8733
Ion Ratio Lower Upper
146 100
111 38.7 20.0 60.0
148 62.7 31.8 95.3

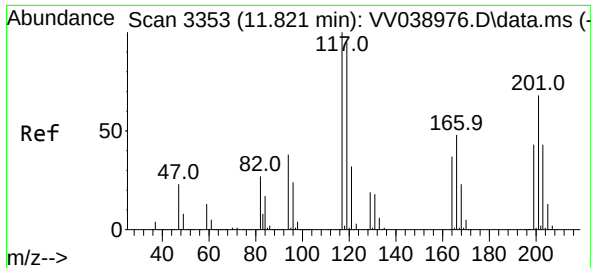


#89
n-Butylbenzene
Concen: 0.995 ug/l
RT: 11.590 min Scan# 3281
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



Tgt Ion: 91 Resp: 14990
Ion Ratio Lower Upper
91 100
92 43.8 26.5 79.5
134 24.3 12.6 37.8

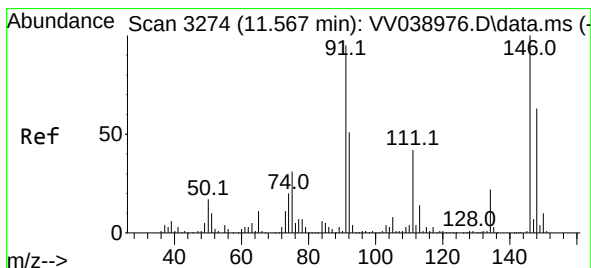
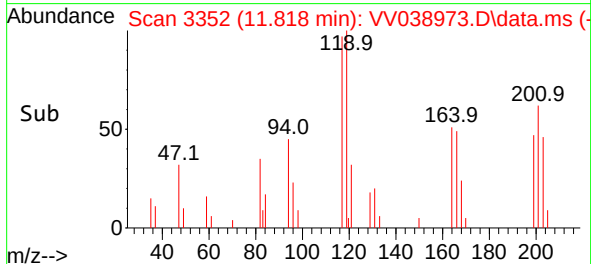
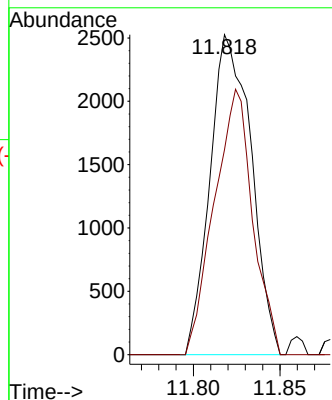
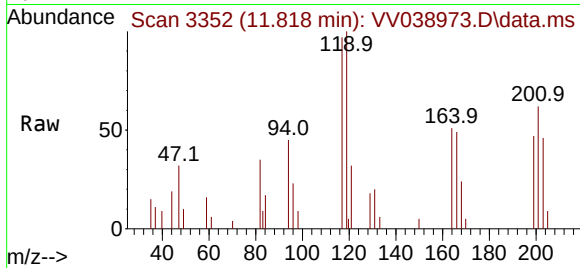




#90
Hexachloroethane
Concen: 1.167 ug/l
RT: 11.818 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

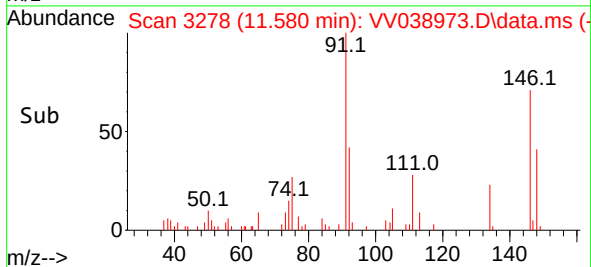
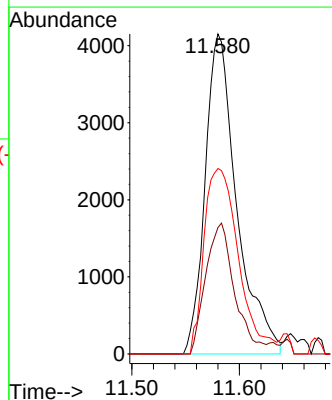
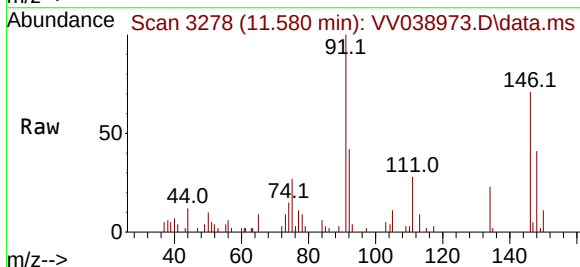
Instrument :
MSVOA_V
ClientSampleId :

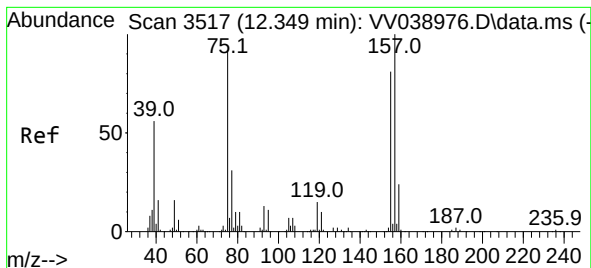
Tgt Ion:117 Resp: 4168
Ion Ratio Lower Upper
117 100
201 77.5 33.7 101.0



#91
1,2-Dichlorobenzene
Concen: 1.038 ug/l
RT: 11.580 min Scan# 3278
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:146 Resp: 8482
Ion Ratio Lower Upper
146 100
111 37.5 21.1 63.4
148 63.2 31.9 95.7

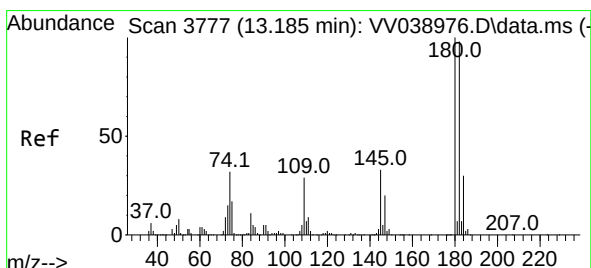
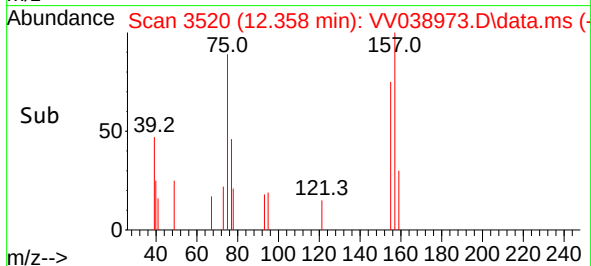
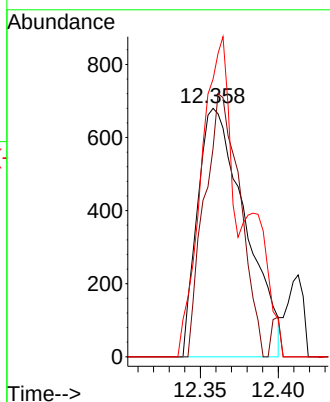
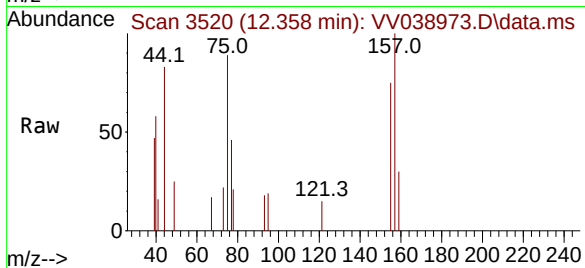




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.106 ug/l
 RT: 12.358 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

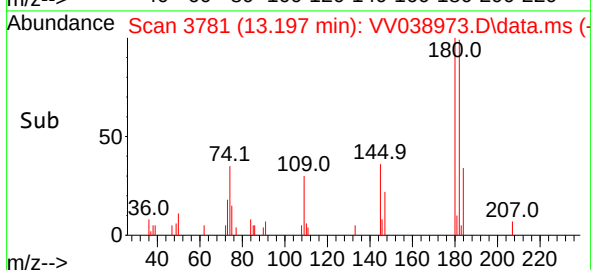
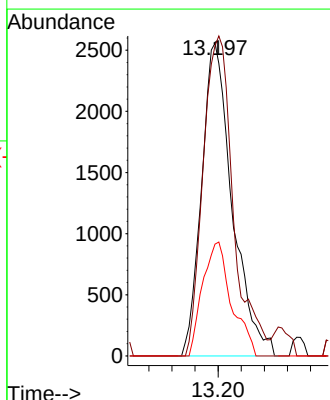
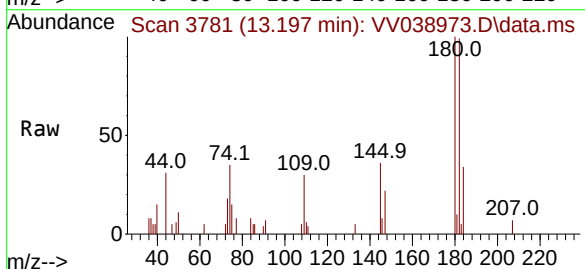
Instrument :
 MSVOA_V
 ClientSampleId :

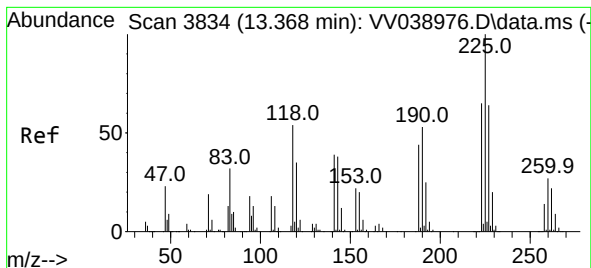
Tgt Ion: 75 Resp: 1443
 Ion Ratio Lower Upper
 75 100
 155 79.2 43.7 131.1
 157 81.5 54.1 162.3



#93
 1,2,4-Trichlorobenzene
 Concen: 0.969 ug/l
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.013 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion: 180 Resp: 4723
 Ion Ratio Lower Upper
 180 100
 182 100.4 47.3 142.0
 145 34.2 16.3 48.8





#94

Hexachlorobutadiene

Concen: 1.187 ug/l

RT: 13.374 min Scan# 3834

Delta R.T. 0.006 min

Lab File: VV038973.D

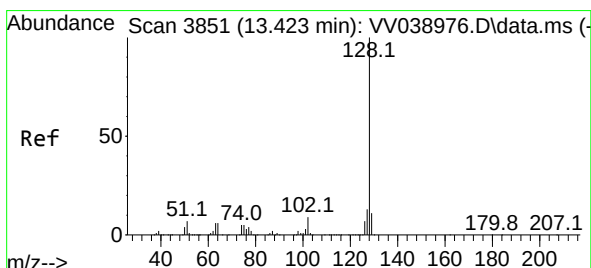
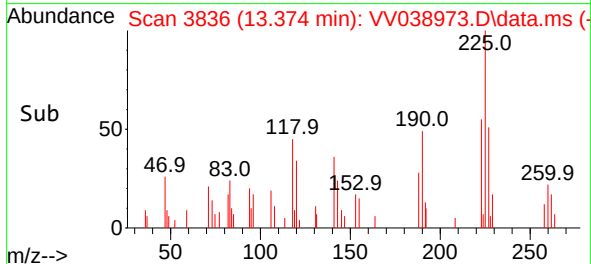
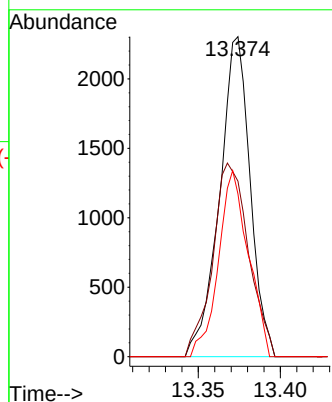
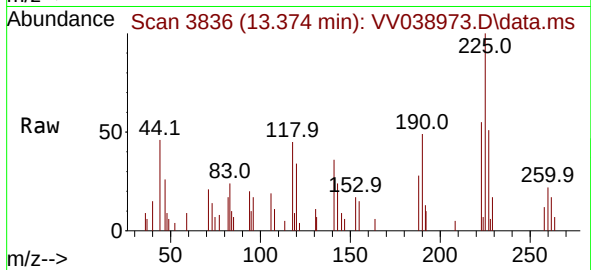
Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	225	Resp:	2983
Ion Ratio	Lower	Upper	
225	100		
223	71.1	31.9	95.7
227	57.0	30.8	92.3



#95

Naphthalene

Concen: 0.902 ug/l

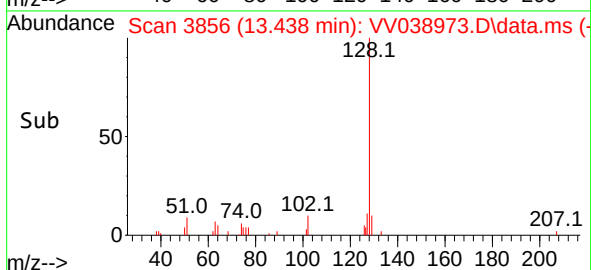
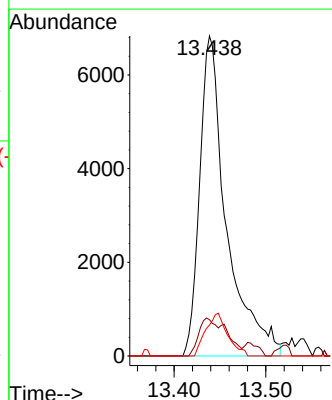
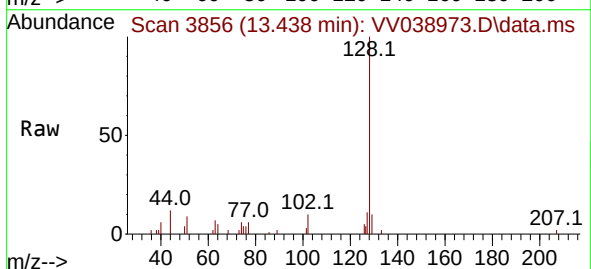
RT: 13.438 min Scan# 3856

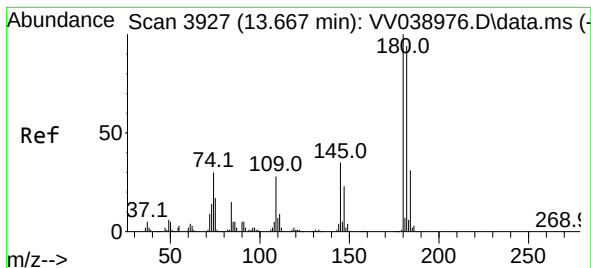
Delta R.T. 0.016 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Tgt Ion:	128	Resp:	13876
Ion Ratio	Lower	Upper	
128	100		
127	7.8	10.3	15.5#
129	10.9	8.5	12.7





#96

1,2,3-Trichlorobenzene

Concen: 0.899 ug/l

RT: 13.676 min Scan# 3930

Delta R.T. 0.009 min

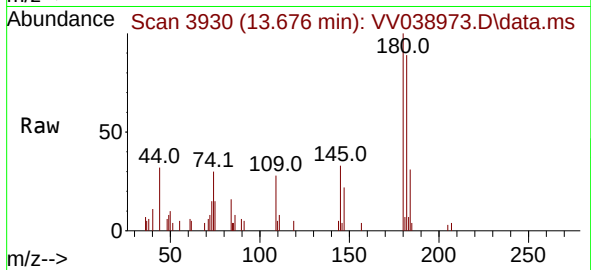
Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4421

Ion Ratio Lower Upper

180 100

182 103.3 47.0 141.0

145 36.6 17.3 52.0

