

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038844.D
 Acq On : 02 Jul 2025 16:38
 Operator : SY/MD
 Sample : VV0702WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0702WBSD01

Quant Time: Jul 03 03:02:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	530563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	853174	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	797479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	445540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	266694	44.851	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	89.700%
35) Dibromofluoromethane	4.503	113	237575	43.961	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	87.920%
50) Toluene-d8	7.236	98	756762	43.281	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	86.560%#
62) 4-Bromofluorobenzene	10.002	95	311029	44.029	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	88.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	81637	16.209	ug/l	97
3) Chloromethane	1.230	50	90520	15.995	ug/l	97
4) Vinyl Chloride	1.298	62	96863	16.856	ug/l	98
5) Bromomethane	1.500	94	64872	18.498	ug/l	94
6) Chloroethane	1.561	64	61267	15.903	ug/l	94
7) Trichlorofluoromethane	1.729	101	166820	16.408	ug/l	98
8) Diethyl Ether	1.918	74	55278	15.624	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	93235	16.218	ug/l	98
10) Methyl Iodide	2.198	142	114293	15.669	ug/l	98
11) Tert butyl alcohol	2.561	59	77294	99.585	ug/l	100
12) 1,1-Dichloroethene	2.082	96	87417	15.999	ug/l	98
13) Acrolein	2.011	56	20163	104.037	ug/l	92
14) Allyl chloride	2.362	41	124208	16.904	ug/l	98
15) Acrylonitrile	2.677	53	251905	92.781	ug/l	99
16) Acetone	2.121	43	198007	99.925	ug/l	98
17) Carbon Disulfide	2.256	76	198920	15.716	ug/l	99
18) Methyl Acetate	2.384	43	123270	18.244	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	292341	17.305	ug/l	99
20) Methylene Chloride	2.458	84	103762	15.845	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	91116	16.675	ug/l	95
22) Diisopropyl ether	3.214	45	272592	18.095	ug/l	91
23) Vinyl Acetate	3.195	43	977604	89.994	ug/l	96
24) 1,1-Dichloroethane	3.121	63	172411	16.977	ug/l	99
25) 2-Butanone	3.867	43	275912	94.157	ug/l	99
26) 2,2-Dichloropropane	3.812	77	156433	16.620	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	109384	17.178	ug/l	97
28) Bromochloromethane	4.153	49	73328	16.894	ug/l	97
29) Tetrahydrofuran	4.233	42	181795	91.602	ug/l	98
30) Chloroform	4.281	83	196715	17.778	ug/l	94
31) Cyclohexane	4.587	56	130729	16.255	ug/l #	90
32) 1,1,1-Trichloroethane	4.513	97	174910	17.032	ug/l	99
36) 1,1-Dichloropropene	4.751	75	112280	17.122	ug/l	99
37) Ethyl Acetate	3.986	43	111752	16.701	ug/l #	93
38) Carbon Tetrachloride	4.738	117	145524	16.860	ug/l	96
39) Methylcyclohexane	6.050	83	139133	16.227	ug/l	95
40) Benzene	5.015	78	369021	17.042	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	46131	17.221	ug/l	95
42) 1,2-Dichloroethane	5.043	62	138407	18.054	ug/l	99
43) Isopropyl Acetate	5.195	43	175556	16.445	ug/l	99
44) Trichloroethene	5.838	130	95089	16.827	ug/l	97
45) 1,2-Dichloropropane	6.092	63	88488	16.271	ug/l	94
46) Dibromomethane	6.230	93	72085	16.808	ug/l	99
47) Bromodichloromethane	6.429	83	149274	16.438	ug/l	97
48) Methyl methacrylate	6.301	41	77951	15.357	ug/l	95
49) 1,4-Dioxane	6.291	88	27460	390.285	ug/l	96
51) 4-Methyl-2-Pentanone	7.146	43	616602	91.532	ug/l	99
52) Toluene	7.310	92	241071	17.819	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	146307	16.829	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	154716	17.405	ug/l	100
55) 1,1,2-Trichloroethane	7.764	97	101601	17.174	ug/l	98
56) Ethyl methacrylate	7.719	69	128567	16.519	ug/l	98
57) 1,3-Dichloropropane	7.937	76	164032	17.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	273991	77.529	ug/l	100
59) 2-Hexanone	8.066	43	432915	91.113	ug/l	99
60) Dibromochloromethane	8.169	129	127561	17.125	ug/l	99
61) 1,2-Dibromoethane	8.275	107	110277	18.017	ug/l	99
64) Tetrachloroethene	7.899	164	83701	16.322	ug/l	98
65) Chlorobenzene	8.805	112	284785	16.945	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	104617	16.670	ug/l	96
67) Ethyl Benzene	8.937	91	442656	16.811	ug/l	100
68) m/p-Xylenes	9.066	106	352824	34.983	ug/l	100
69) o-Xylene	9.471	106	164763	17.099	ug/l	96
70) Styrene	9.487	104	292489	17.386	ug/l	99
71) Bromoform	9.657	173	88477	17.349	ug/l	98
73) Isopropylbenzene	9.857	105	460858	17.625	ug/l	100
74) N-amyl acetate	9.725	43	154745	16.908	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	169417	17.872	ug/l	100
76) 1,2,3-Trichloropropane	10.201	75	118967	17.258	ug/l	99
77) Bromobenzene	10.143	156	120490	17.863	ug/l	95
78) n-propylbenzene	10.278	91	547049	17.580	ug/l	99
79) 2-Chlorotoluene	10.349	91	329209	17.421	ug/l	98
80) 1,3,5-Trimethylbenzene	10.465	105	398985	17.846	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	53356	16.476	ug/l	95
82) 4-Chlorotoluene	10.465	91	391470	17.969	ug/l	100
83) tert-Butylbenzene	10.789	119	388438	16.752	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	385579	17.596	ug/l	99
85) sec-Butylbenzene	11.011	105	515829	17.474	ug/l	100
86) p-Isopropyltoluene	11.169	119	435561	17.209	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	235703	17.188	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	249423	17.262	ug/l	99
89) n-Butylbenzene	11.580	91	394021	16.798	ug/l	98
90) Hexachloroethane	11.821	117	89989	16.380	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	227059	17.567	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	34659	17.270	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	140001	16.710	ug/l	99
94) Hexachlorobutadiene	13.368	225	66546	16.459	ug/l	96
95) Naphthalene	13.426	128	432565	16.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	143839	16.636	ug/l	98

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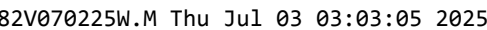
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

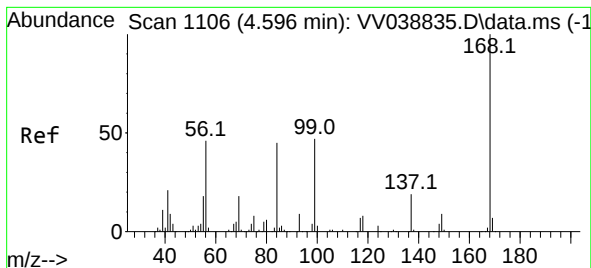
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV038844.D

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Instrument :

MSVOA_V

ClientSampleId :

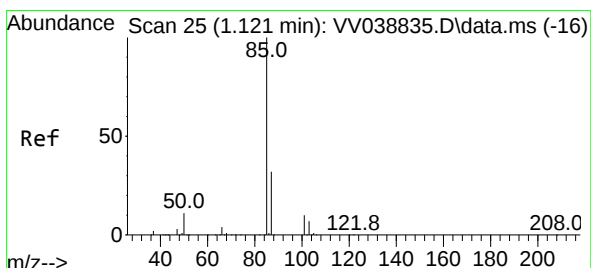
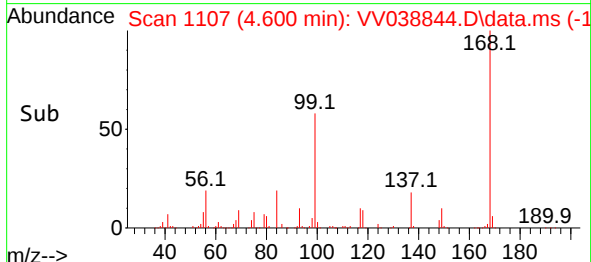
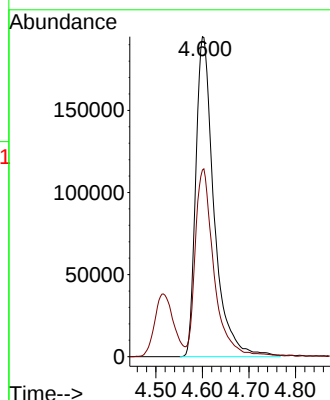
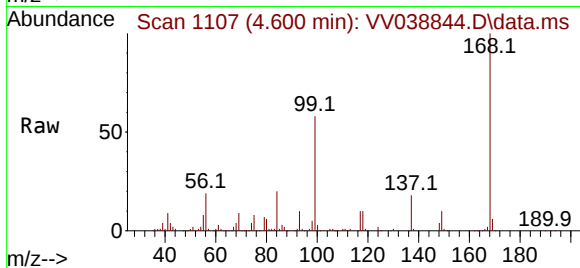
VV0702WBSD01

Tgt Ion:168 Resp: 530563

Ion Ratio Lower Upper

168 100

99 58.0 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 16.209 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038844.D

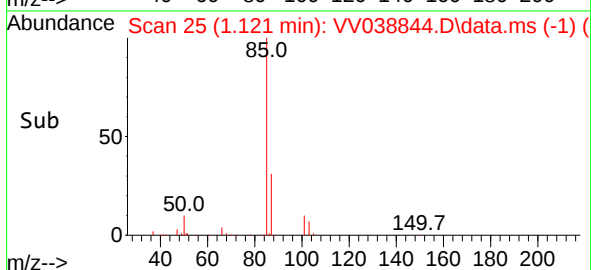
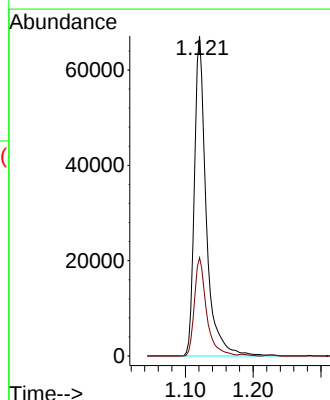
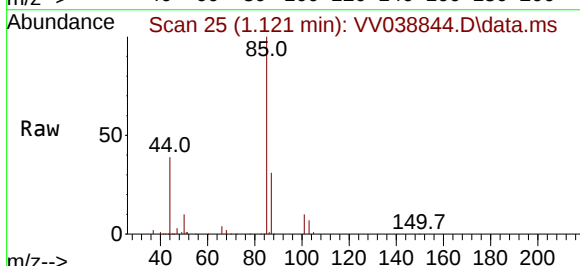
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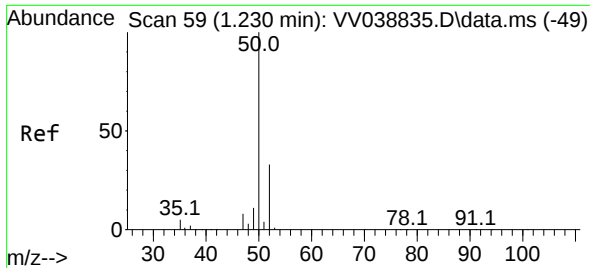
Tgt Ion: 85 Resp: 81637

Ion Ratio Lower Upper

85 100

87 30.7 16.1 48.3

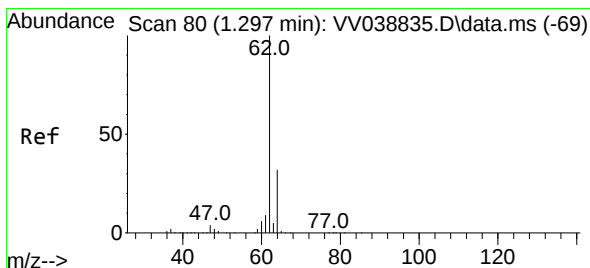
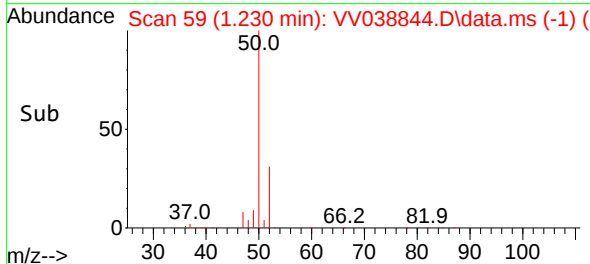
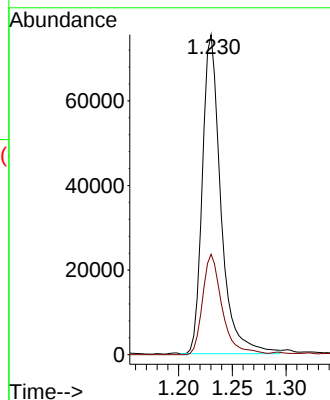
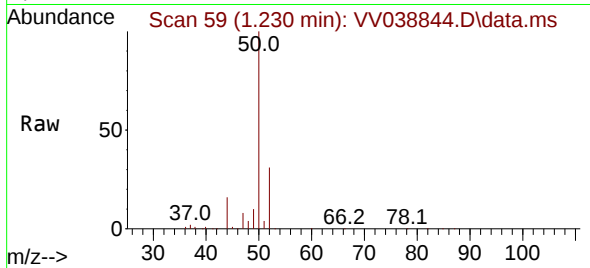




#3
Chloromethane
Concen: 15.995 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038844.D
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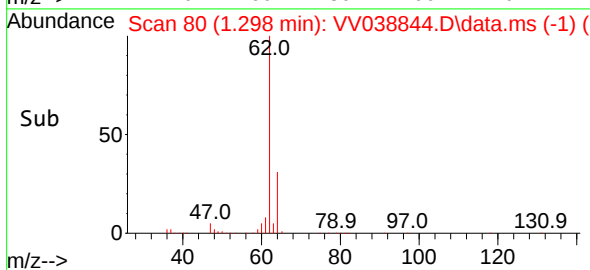
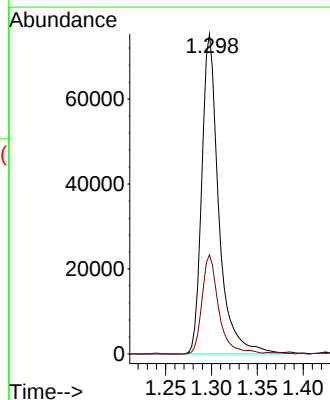
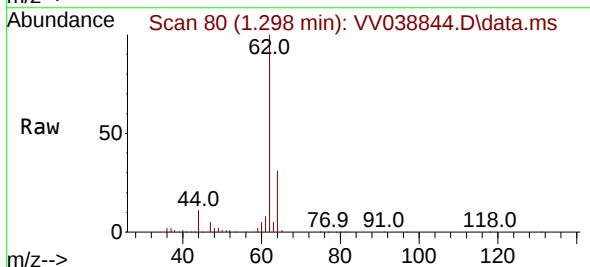
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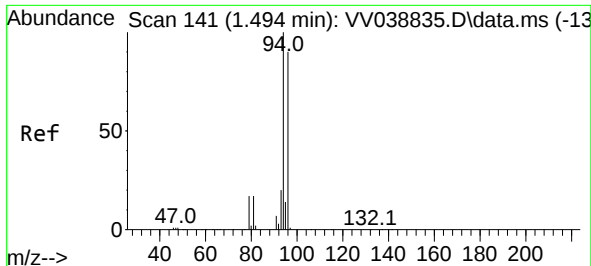
Tgt Ion: 50 Resp: 90520
Ion Ratio Lower Upper
50 100
52 31.5 26.7 40.1



#4
Vinyl Chloride
Concen: 16.856 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 62 Resp: 96863
Ion Ratio Lower Upper
62 100
64 31.0 25.5 38.3

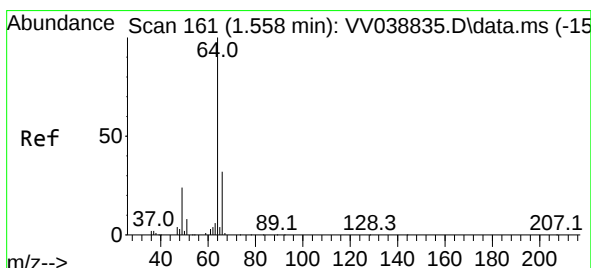
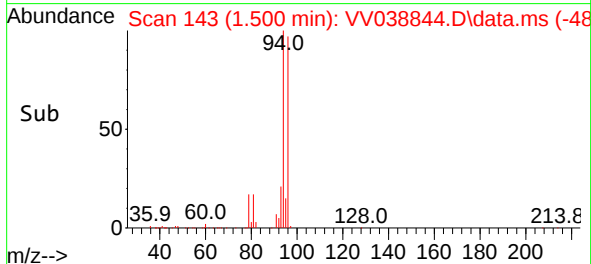
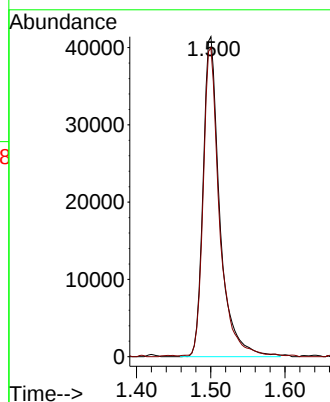
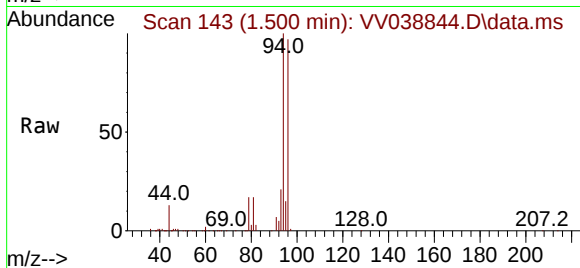




#5
Bromomethane
Concen: 18.498 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

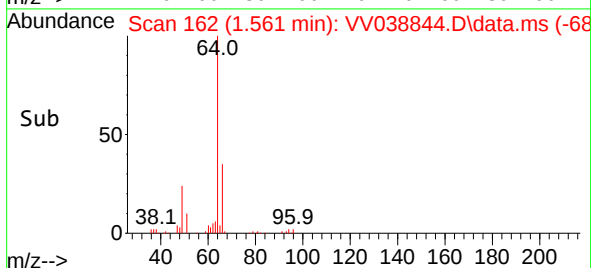
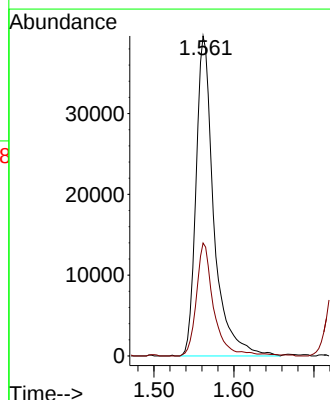
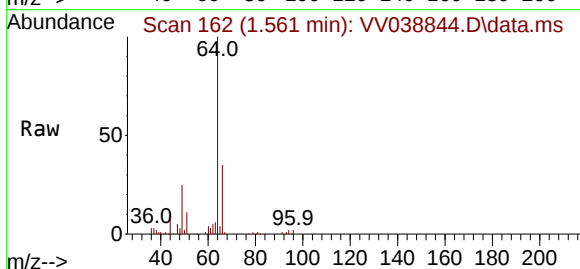
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Tgt Ion: 94 Resp: 64872
Ion Ratio Lower Upper
94 100
96 96.3 72.2 108.4



#6
Chloroethane
Concen: 15.903 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 64 Resp: 61267
Ion Ratio Lower Upper
64 100
66 35.3 25.4 38.0

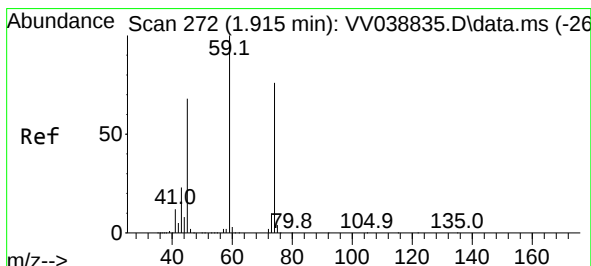
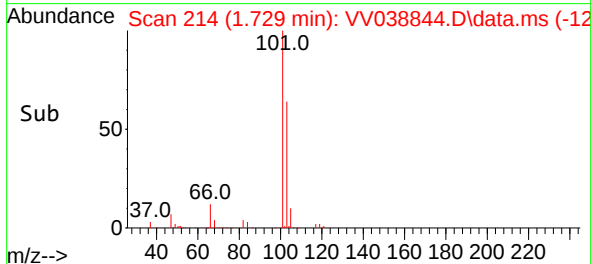
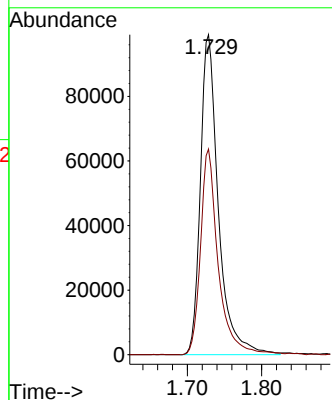
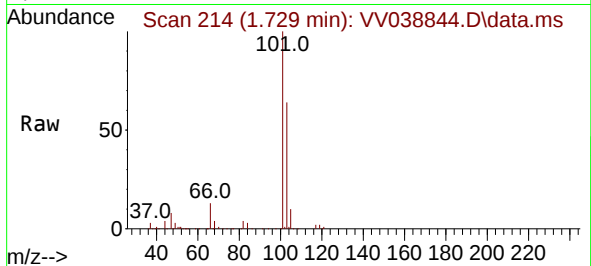




#7
 Trichlorofluoromethane
 Concen: 16.408 ug/l
 RT: 1.729 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV038844.D
 Acq: 02 Jul 2025 16:38

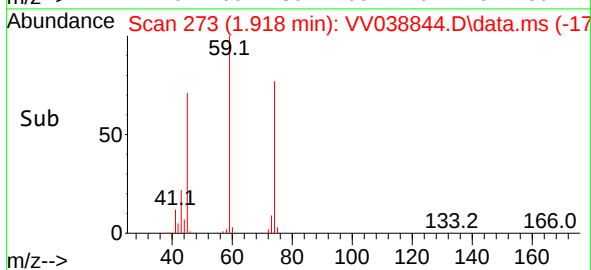
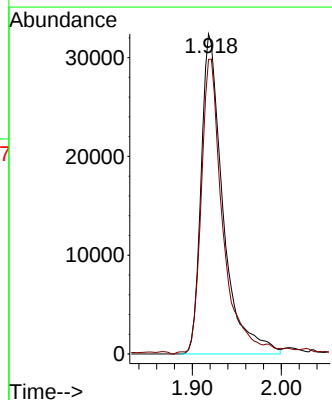
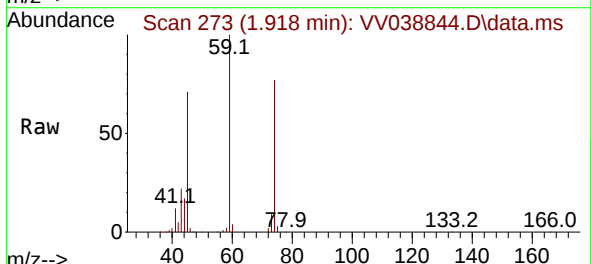
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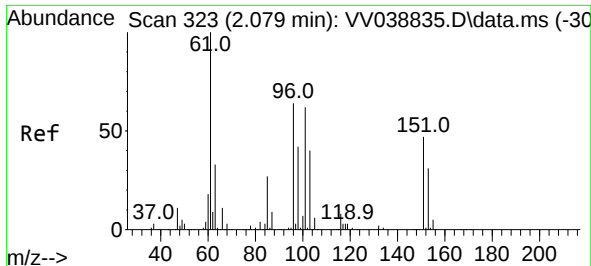
Tgt Ion:101 Resp: 166820
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2



#8
 Diethyl Ether
 Concen: 15.624 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038844.D
 Acq: 02 Jul 2025 16:38

Tgt Ion: 74 Resp: 55278
 Ion Ratio Lower Upper
 74 100
 45 89.1 43.9 131.7

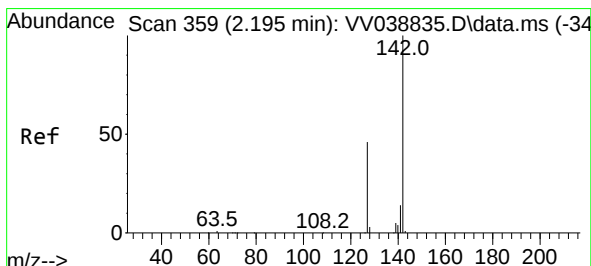
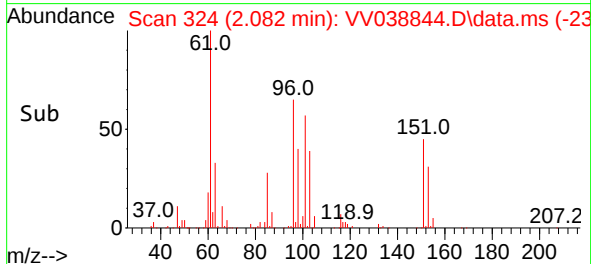
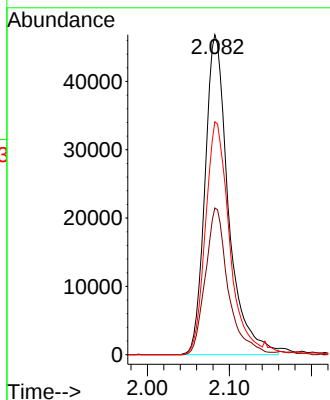
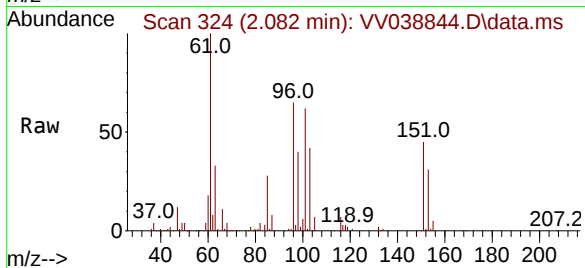




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.218 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
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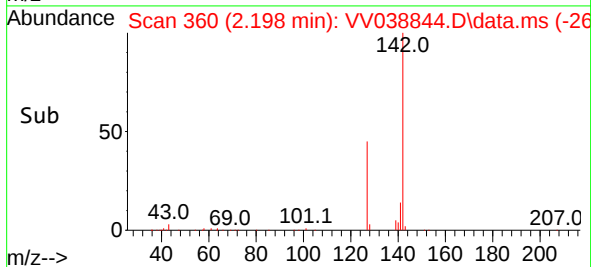
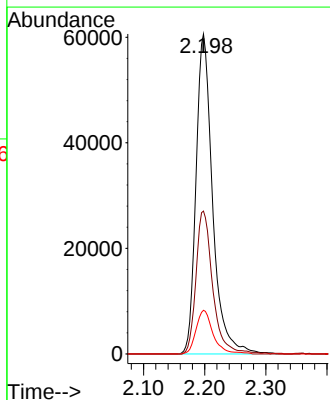
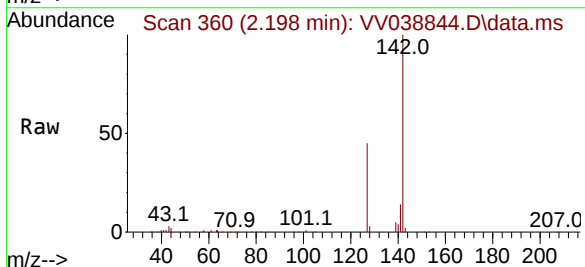
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

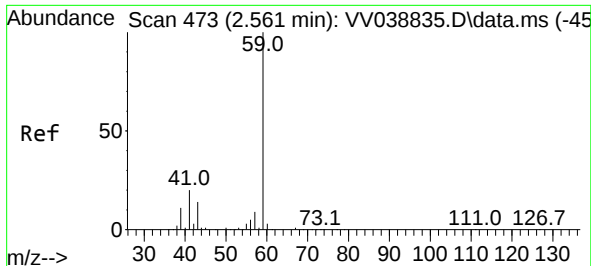
Tgt Ion:101 Resp: 93235
Ion Ratio Lower Upper
101 100
85 44.8 34.6 52.0
151 74.1 60.4 90.6



#10
Methyl Iodide
Concen: 15.669 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:142 Resp: 114293
Ion Ratio Lower Upper
142 100
127 44.9 36.9 55.3
141 14.1 11.8 17.8

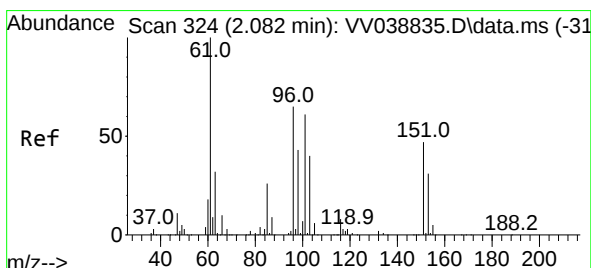
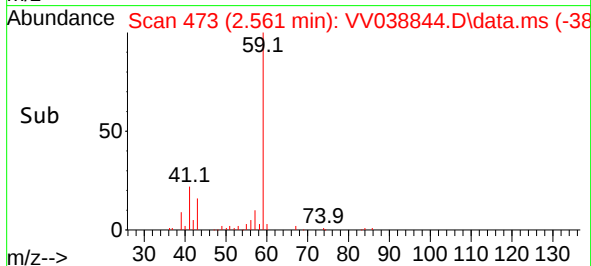
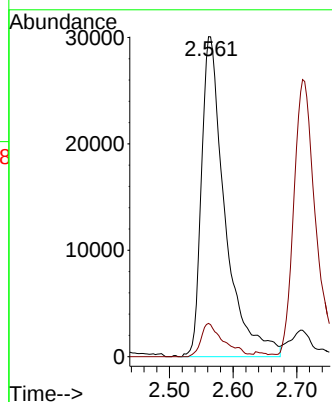
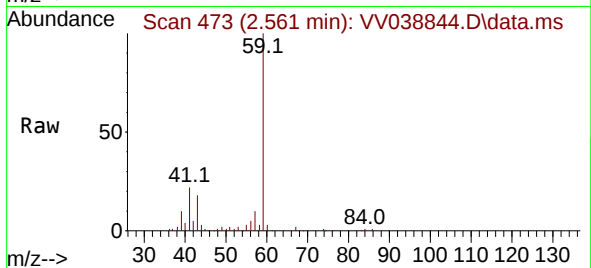




#11
Tert butyl alcohol
Concen: 99.585 ug/l
RT: 2.561 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

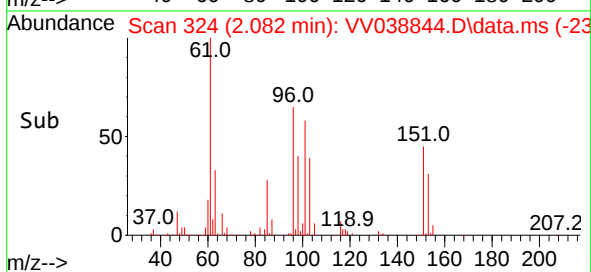
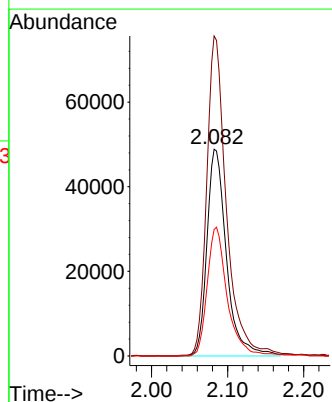
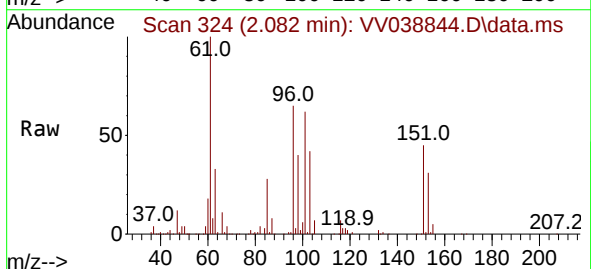
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

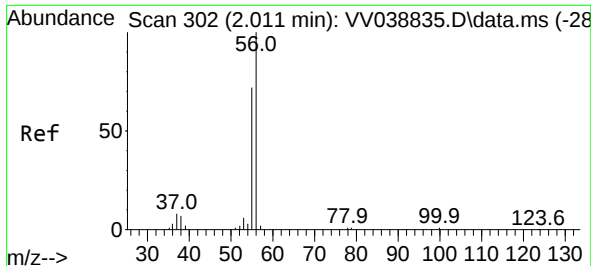
Tgt Ion: 59 Resp: 77294
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 15.999 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 96 Resp: 87417
Ion Ratio Lower Upper
96 100
61 154.6 123.5 185.3
98 61.2 52.5 78.7





#13

Acrolein

Concen: 104.037 ug/l

RT: 2.011 min Scan# 302

Delta R.T. 0.000 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

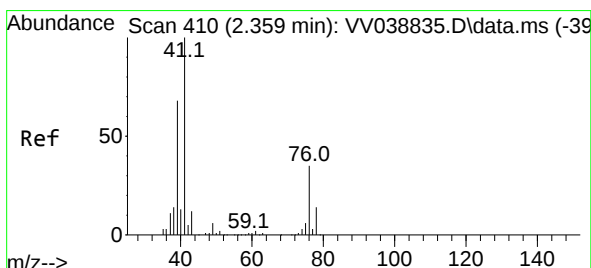
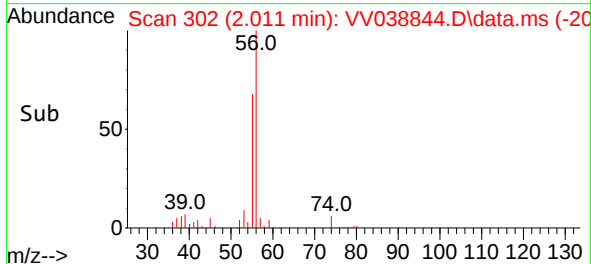
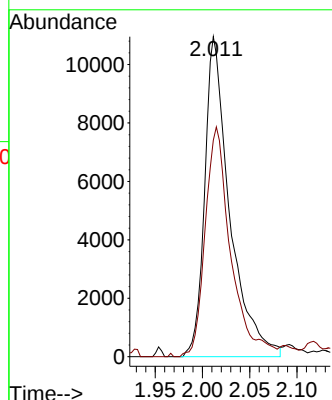
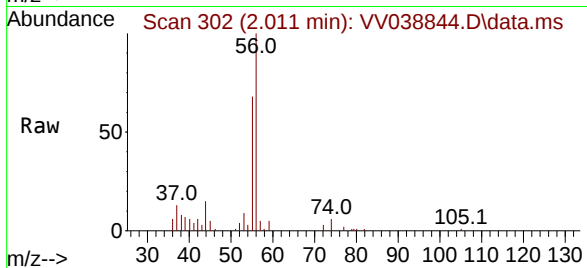
VV0702WBSD01

Tgt Ion: 56 Resp: 20163

Ion Ratio Lower Upper

56 100

55 73.2 53.4 80.2



#14

Allyl chloride

Concen: 16.904 ug/l

RT: 2.362 min Scan# 411

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

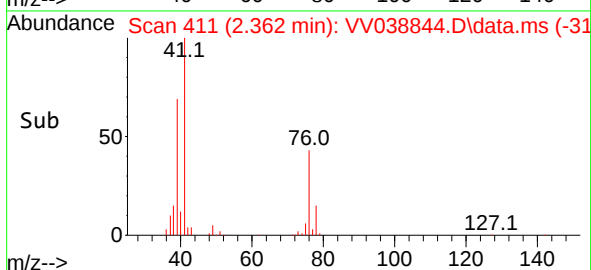
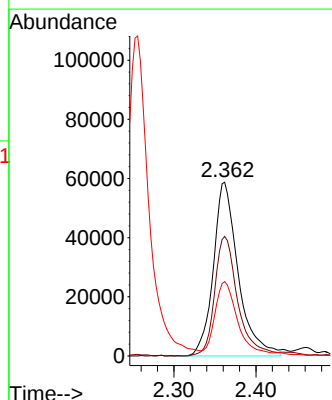
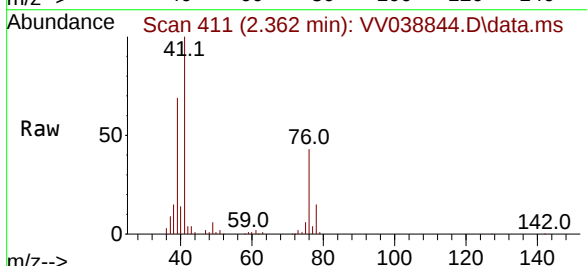
Tgt Ion: 41 Resp: 124208

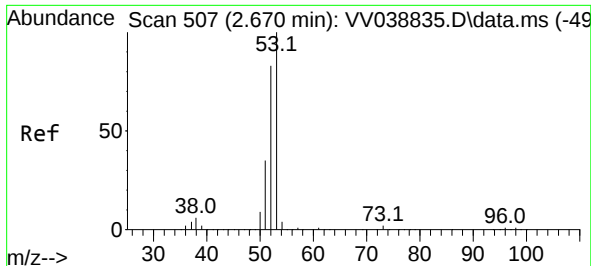
Ion Ratio Lower Upper

41 100

39 63.7 51.0 76.4

76 38.5 33.6 50.4

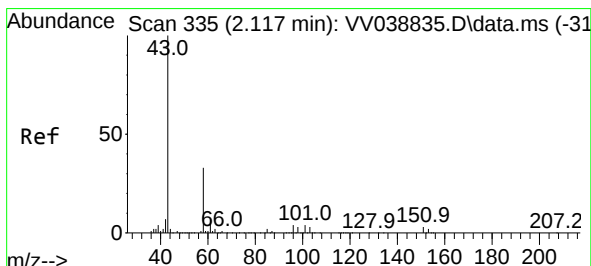
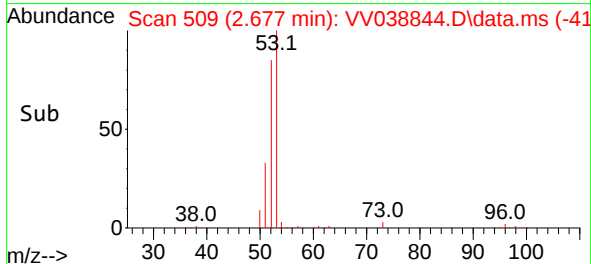
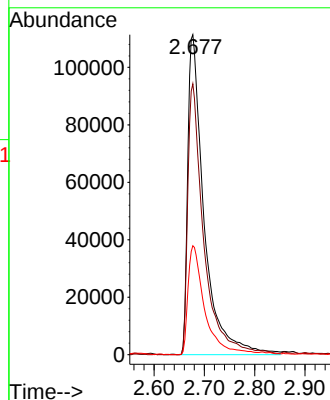
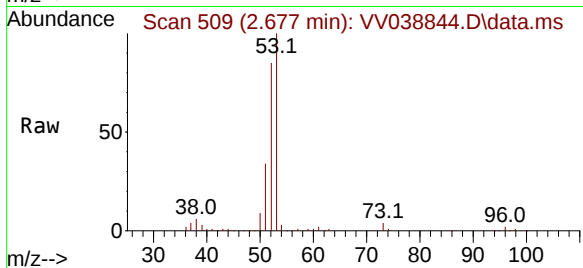




#15
Acrylonitrile
Concen: 92.781 ug/l
RT: 2.677 min Scan# 507
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

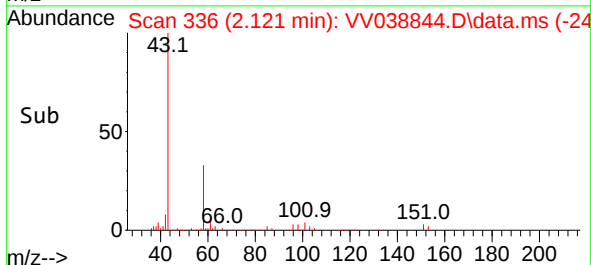
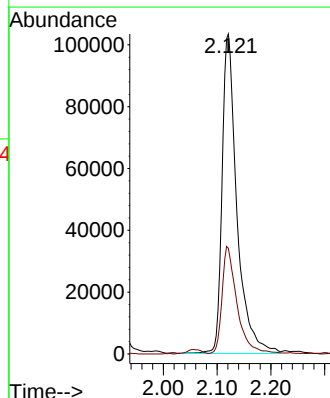
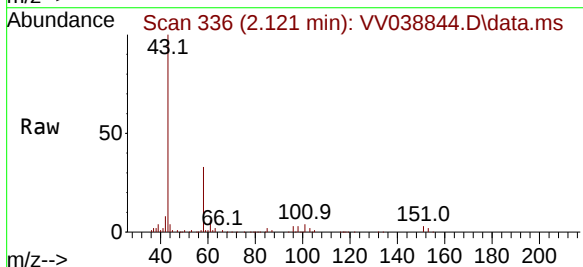
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

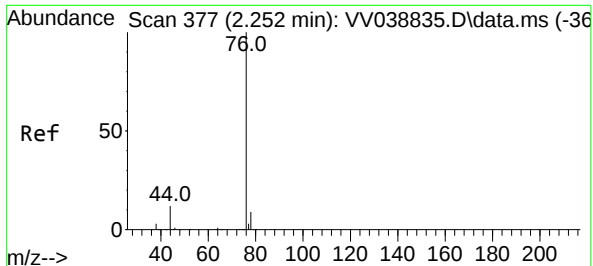
Tgt Ion: 53 Resp: 251905
Ion Ratio Lower Upper
53 100
52 83.0 65.8 98.6
51 34.9 28.5 42.7



#16
Acetone
Concen: 99.925 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 43 Resp: 198007
Ion Ratio Lower Upper
43 100
58 32.8 27.0 40.4

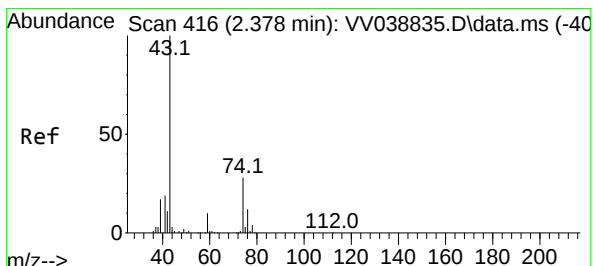
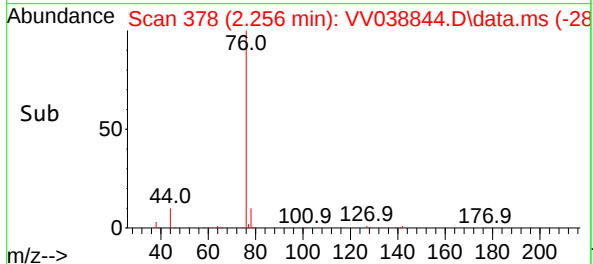
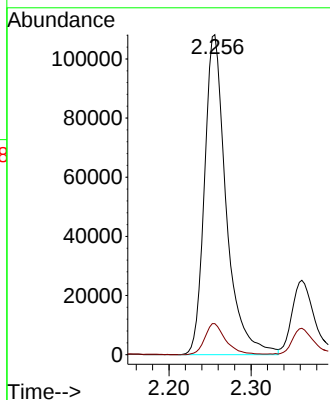
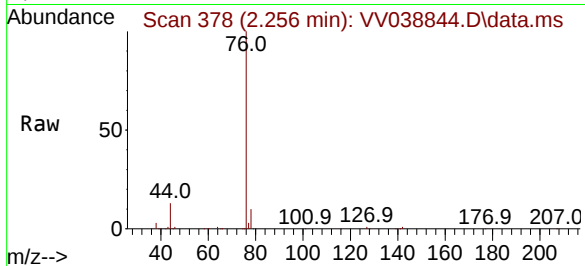




#17
Carbon Disulfide
Concen: 15.716 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

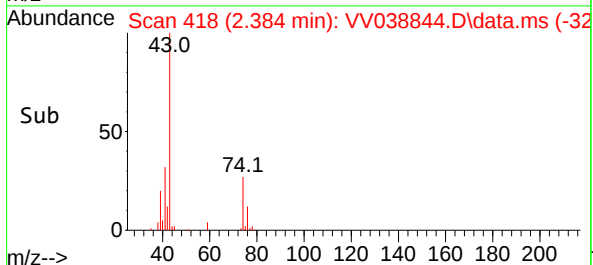
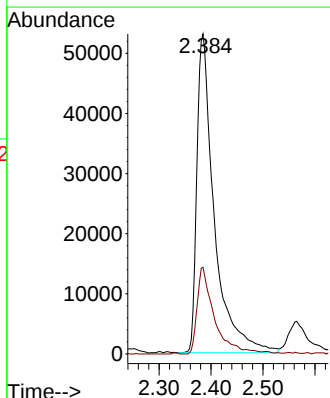
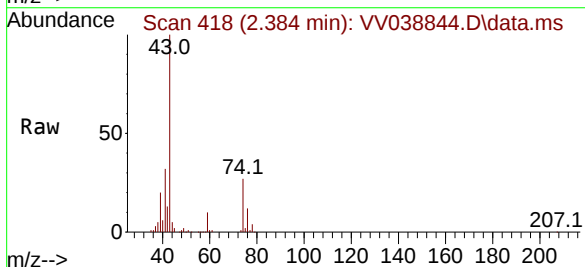
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

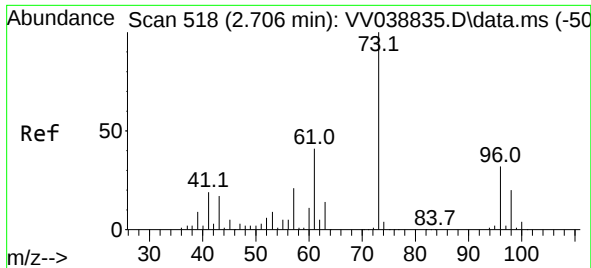
Tgt Ion: 76 Resp: 198920
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 18.244 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 43 Resp: 123270
Ion Ratio Lower Upper
43 100
74 26.8 21.4 32.0

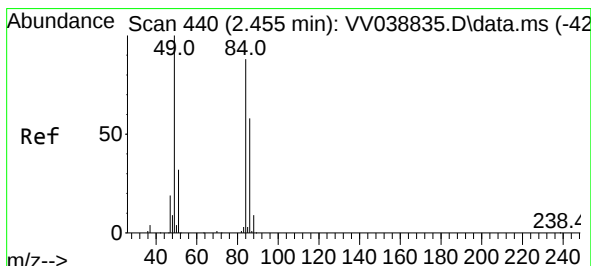
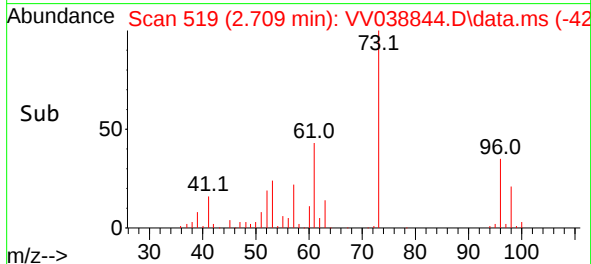
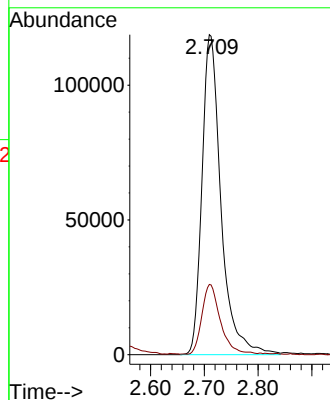
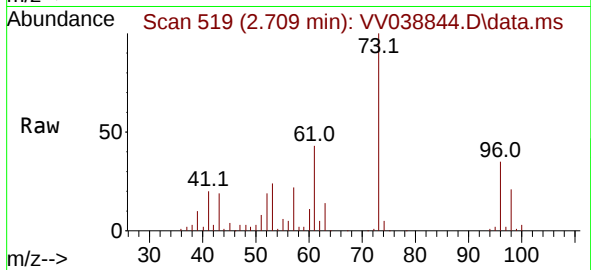




#19
Methyl tert-butyl Ether
Concen: 17.305 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

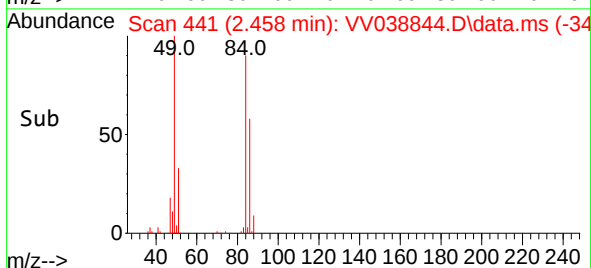
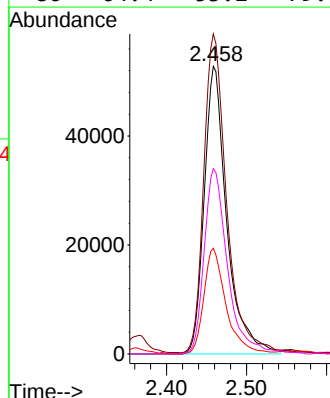
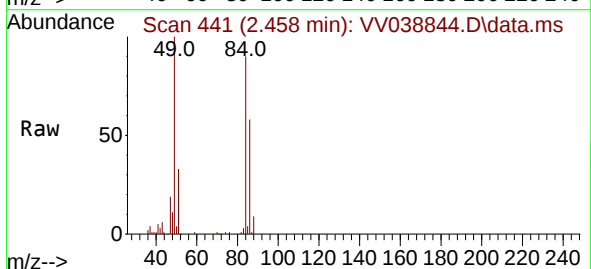
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

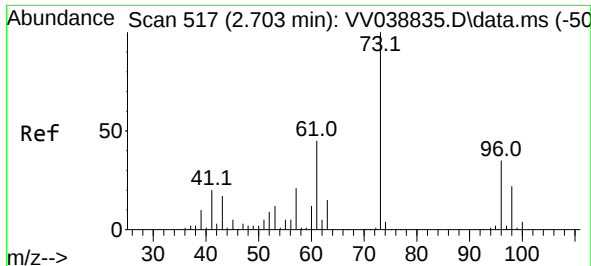
Tgt Ion: 73 Resp: 292341
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4



#20
Methylene Chloride
Concen: 15.845 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 84 Resp: 103762
Ion Ratio Lower Upper
84 100
49 110.8 91.0 136.4
51 36.7 29.4 44.2
86 64.4 53.2 79.8

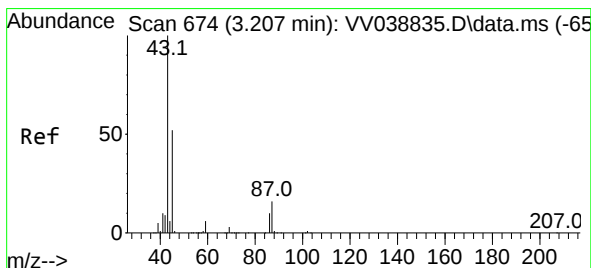
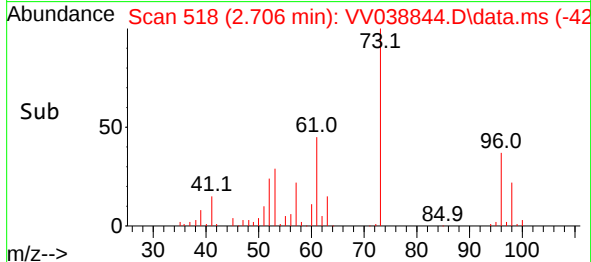
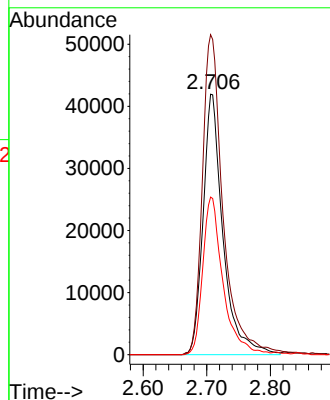
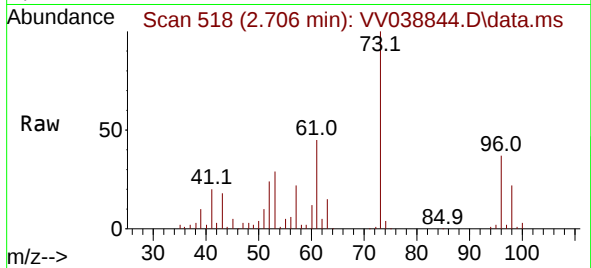




#21
trans-1,2-Dichloroethene
Concen: 16.675 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

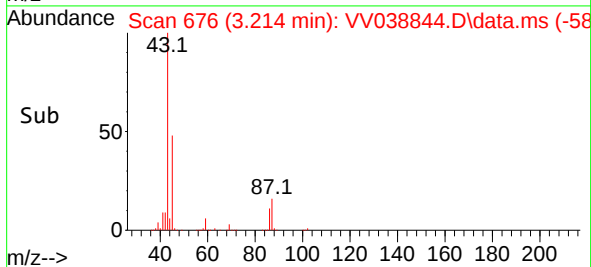
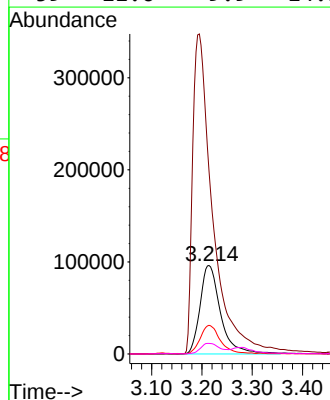
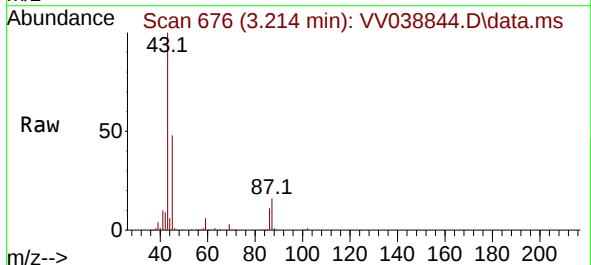
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

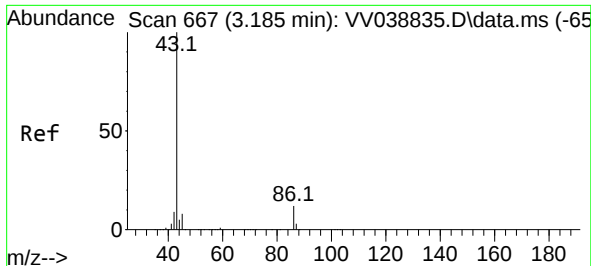
Tgt Ion: 96 Resp: 91116
Ion Ratio Lower Upper
96 100
61 122.8 102.8 154.2
98 60.5 50.9 76.3



#22
Diisopropyl ether
Concen: 18.095 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 45 Resp: 272592
Ion Ratio Lower Upper
45 100
43 207.0 153.1 229.7
87 32.0 25.2 37.8
59 11.6 9.9 14.9

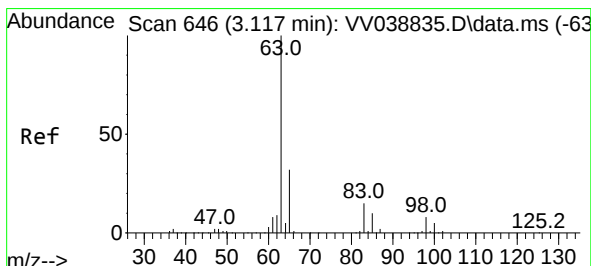
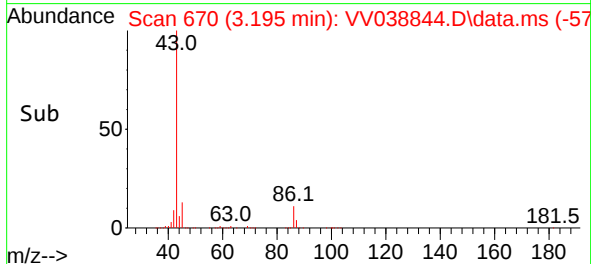
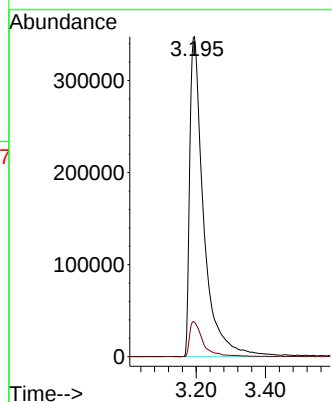
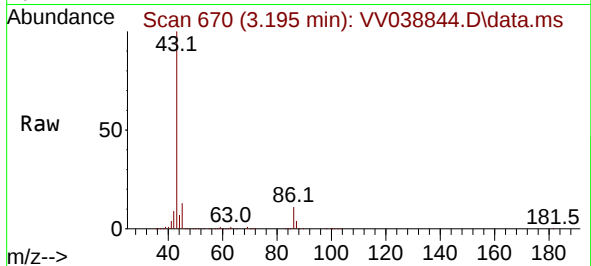




#23
 Vinyl Acetate
 Concen: 89.994 ug/l
 RT: 3.195 min Scan# 610
 Delta R.T. 0.010 min
 Lab File: VV038844.D
 Acq: 02 Jul 2025 16:38

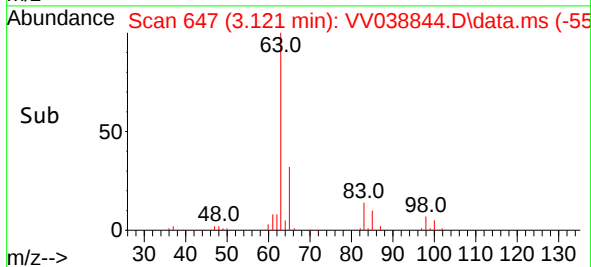
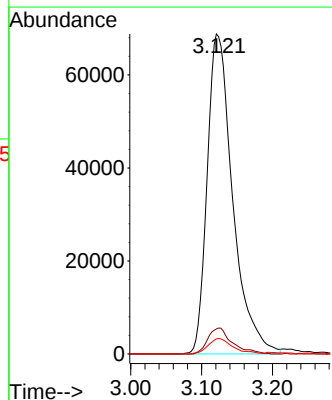
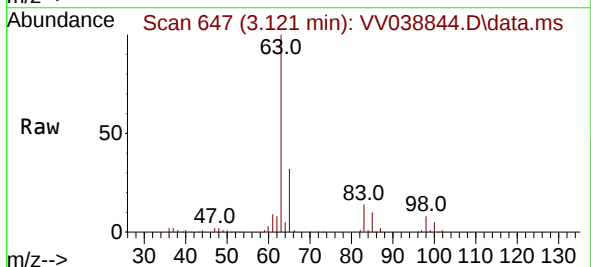
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0702WBSD01

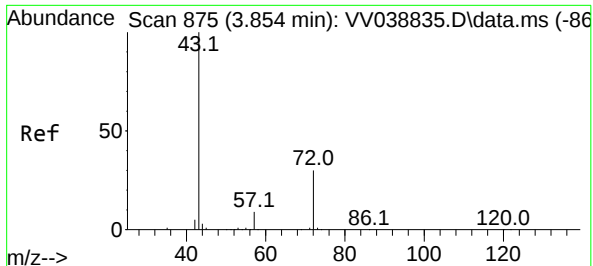
Tgt Ion: 43 Resp: 977604
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 16.977 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038844.D
 Acq: 02 Jul 2025 16:38

Tgt Ion: 63 Resp: 172411
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.1 12.3
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 94.157 ug/l

RT: 3.867 min Scan# 81

Delta R.T. 0.013 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

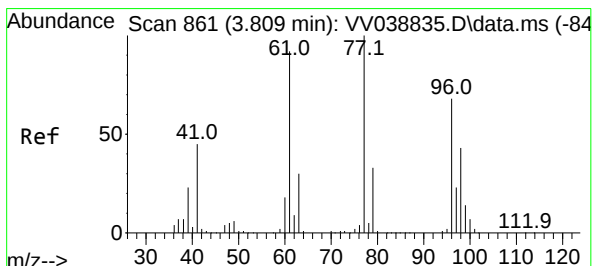
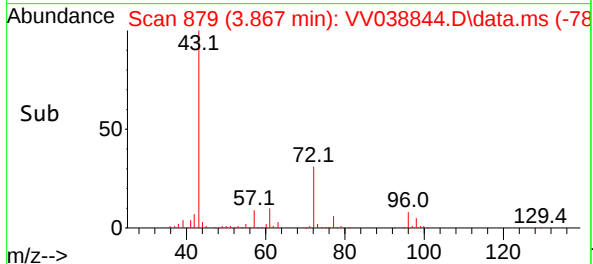
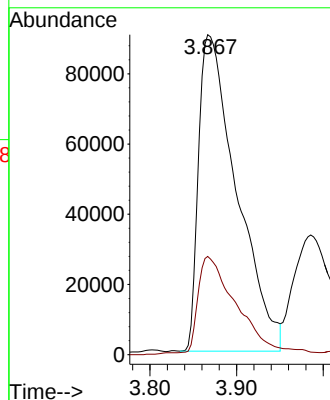
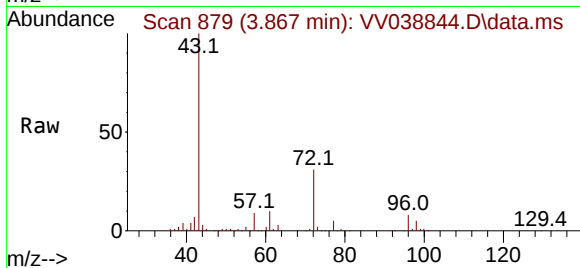
VV0702WBSD01

Tgt Ion: 43 Resp: 275912

Ion Ratio Lower Upper

43 100

72 30.4 23.8 35.8



#26

2,2-Dichloropropane

Concen: 16.620 ug/l

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV038844.D

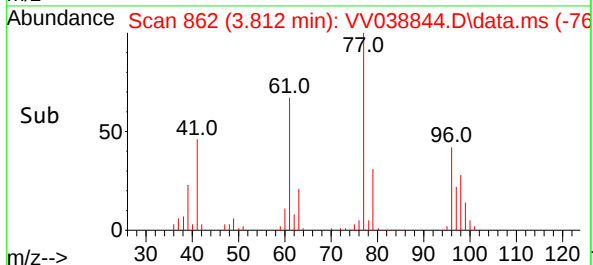
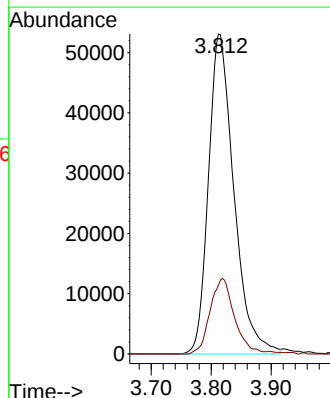
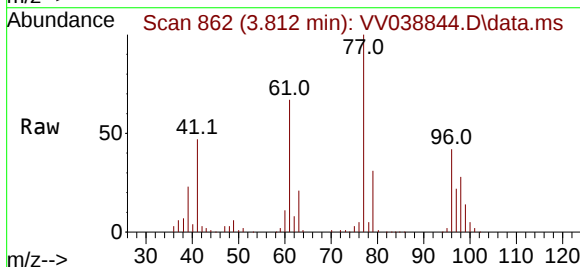
Acq: 02 Jul 2025 16:38

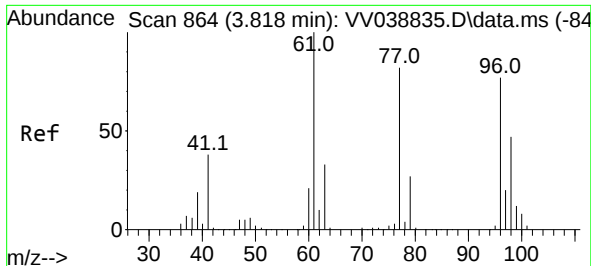
Tgt Ion: 77 Resp: 156433

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.4



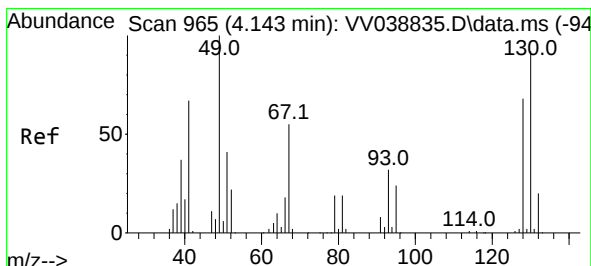
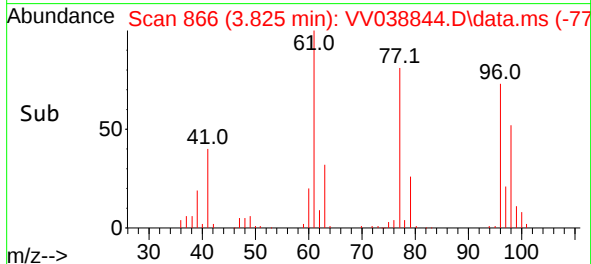
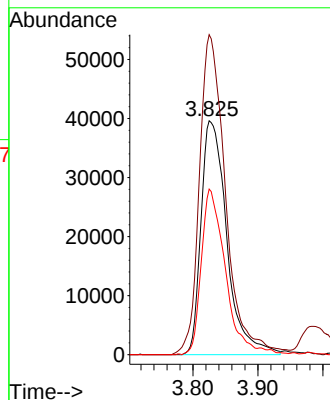
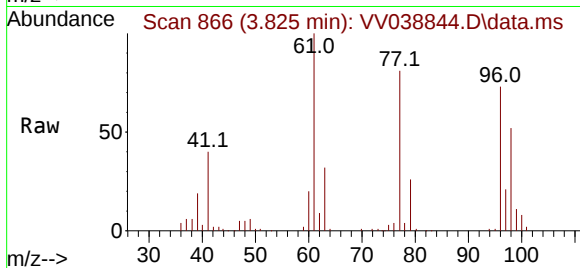


#27
 cis-1,2-Dichloroethene
 Concen: 17.178 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.007 min
 Lab File: VV038844.D
 Acq: 02 Jul 2025 16:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0702WBSD01

Tgt Ion: 96 Resp: 109384

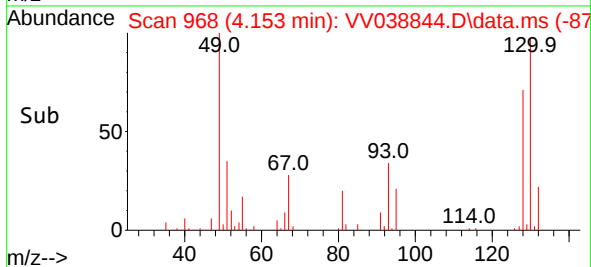
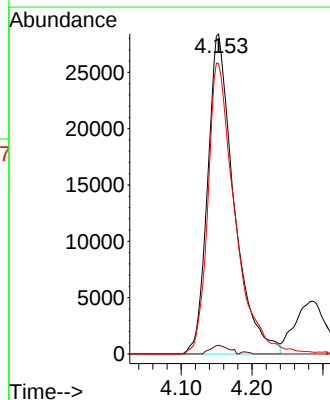
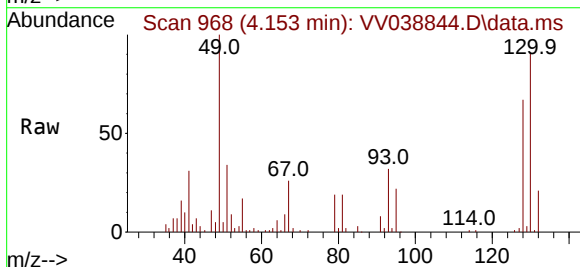
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	268.4
98	64.7	0.0	128.0

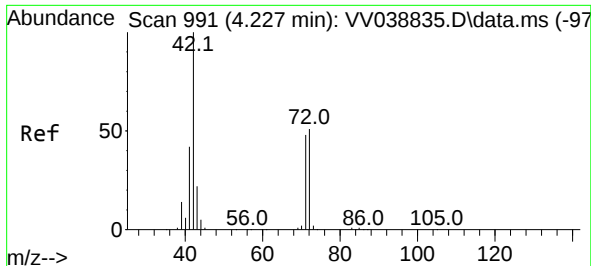


#28
 Bromochloromethane
 Concen: 16.894 ug/l
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV038844.D
 Acq: 02 Jul 2025 16:38

Tgt Ion: 49 Resp: 73328

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.2
130	93.5	72.5	108.7





#29

Tetrahydrofuran

Concen: 91.602 ug/l

RT: 4.233 min Scan# 991

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

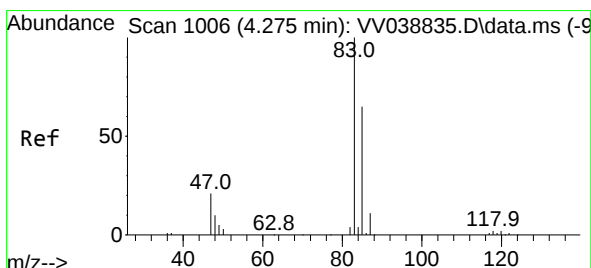
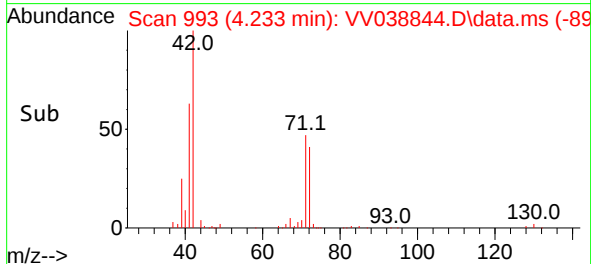
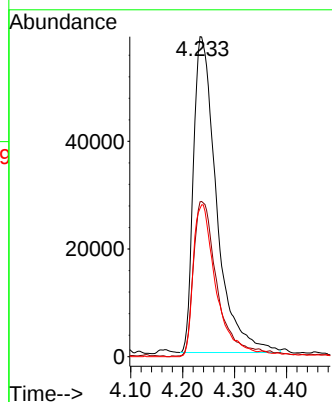
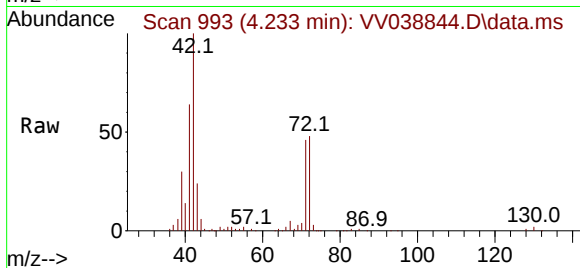
Tgt Ion: 42 Resp: 181795

Ion Ratio Lower Upper

42 100

72 49.9 41.3 61.9

71 47.3 39.2 58.8



#30

Chloroform

Concen: 17.778 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.007 min

Lab File: VV038844.D

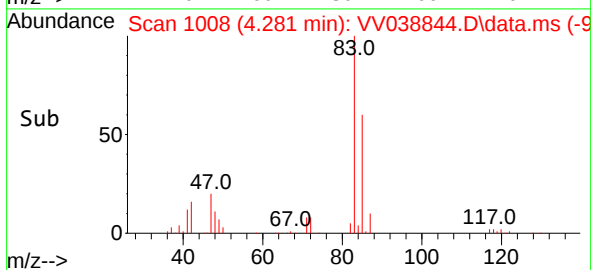
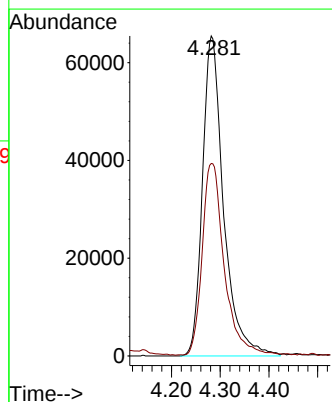
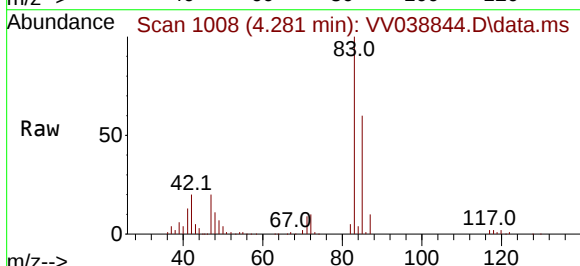
Acq: 02 Jul 2025 16:38

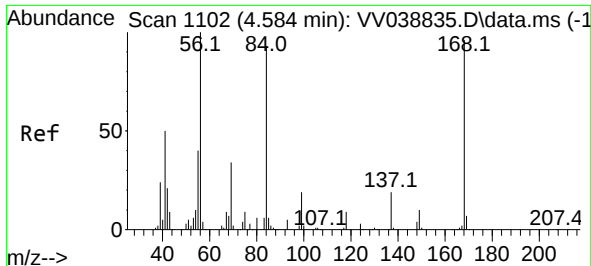
Tgt Ion: 83 Resp: 196715

Ion Ratio Lower Upper

83 100

85 59.8 51.8 77.6

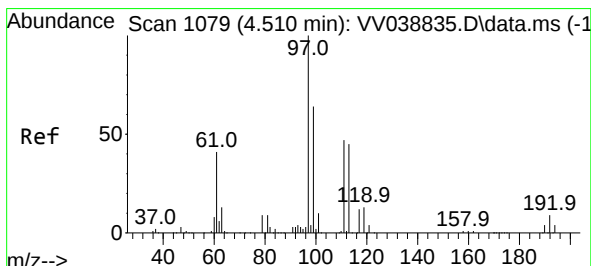
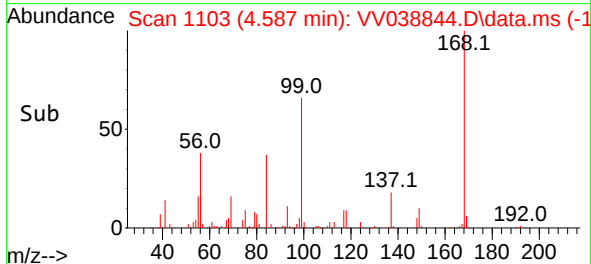
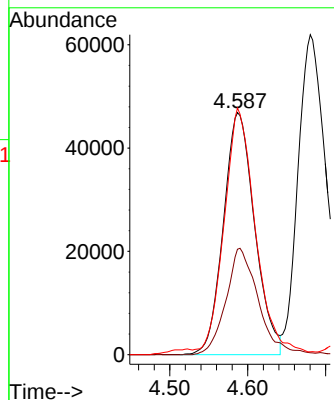
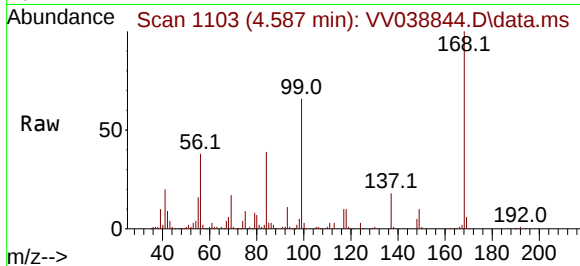




#31
Cyclohexane
Concen: 16.255 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

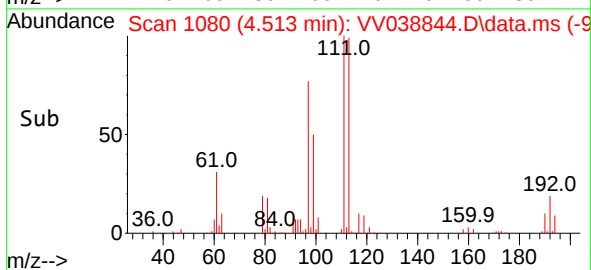
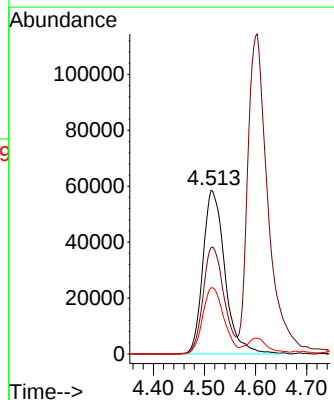
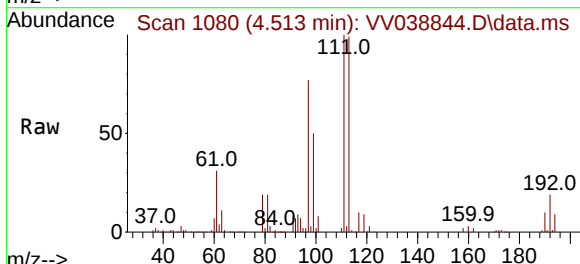
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

Tgt Ion: 56 Resp: 130729
Ion Ratio Lower Upper
56 100
69 43.5 27.0 40.4#
84 99.9 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 17.032 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 97 Resp: 174910
Ion Ratio Lower Upper
97 100
99 62.3 48.8 73.2
61 39.3 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 44.851 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

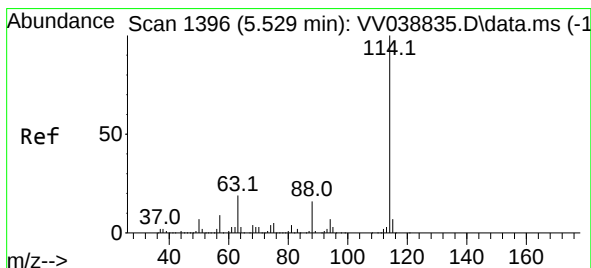
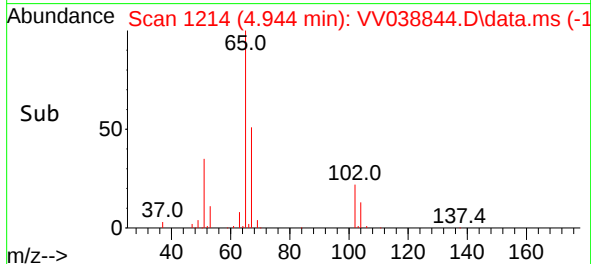
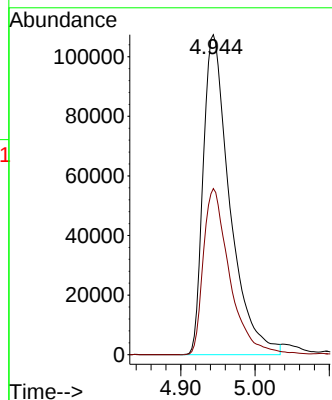
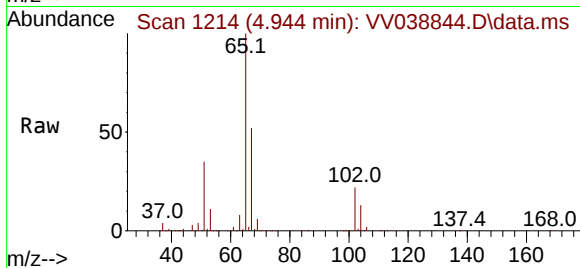
VV0702WBSD01

Tgt Ion: 65 Resp: 266694

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

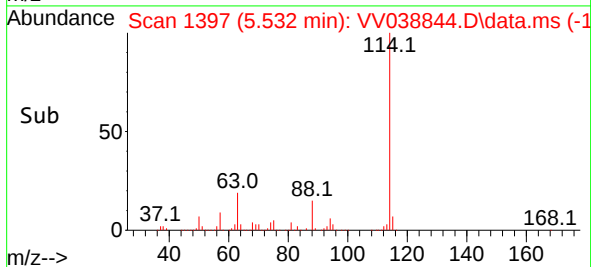
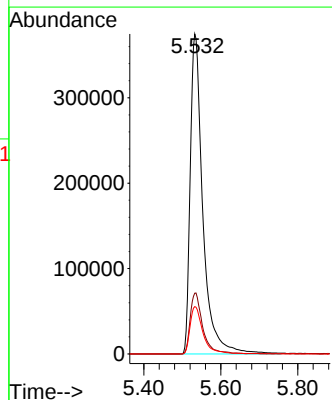
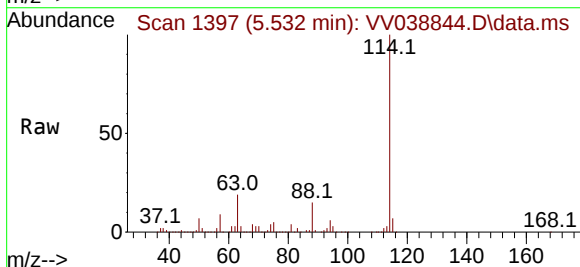
Tgt Ion: 114 Resp: 853174

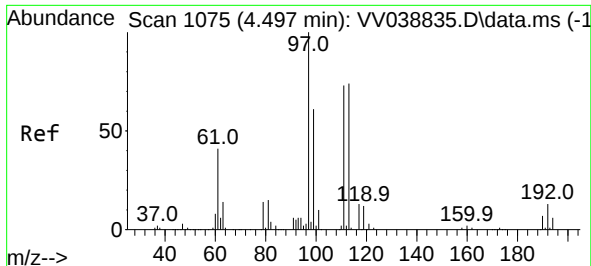
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 14.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 43.961 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

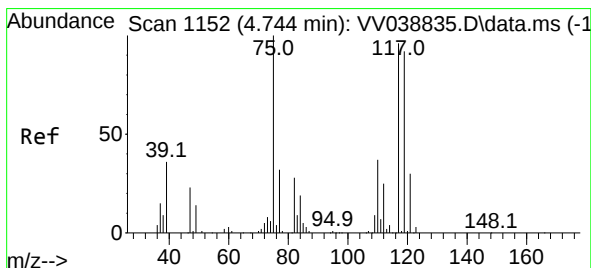
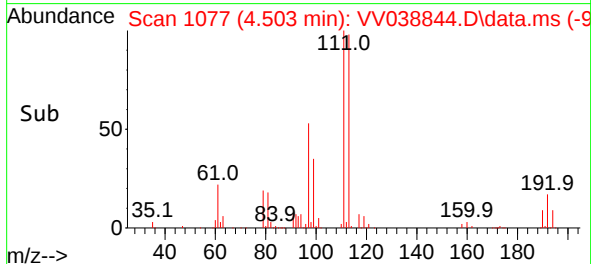
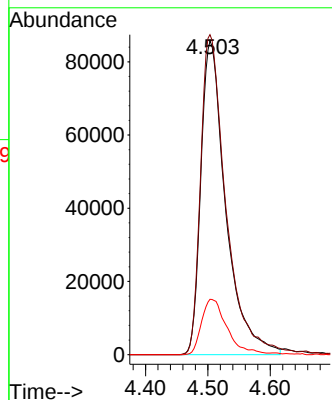
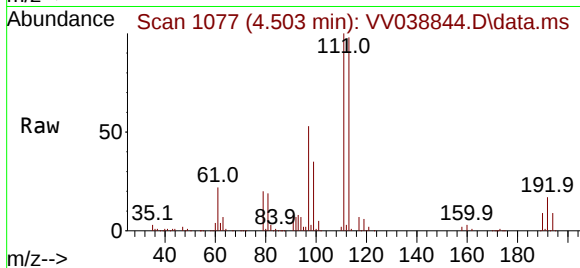
Tgt Ion:113 Resp: 237575

Ion Ratio Lower Upper

113 100

111 104.1 81.5 122.3

192 18.1 14.7 22.1



#36

1,1-Dichloropropene

Concen: 17.122 ug/l

RT: 4.751 min Scan# 1154

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

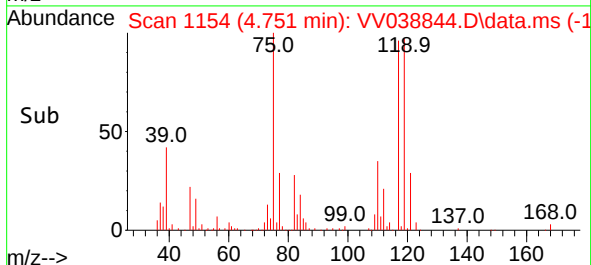
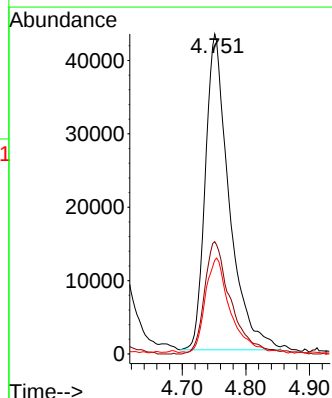
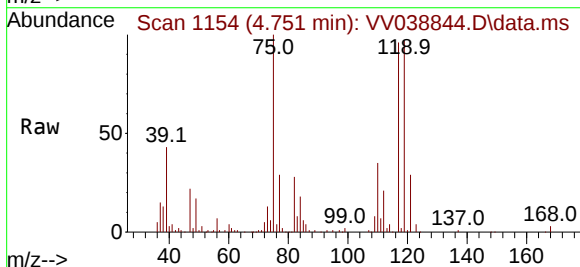
Tgt Ion: 75 Resp: 112280

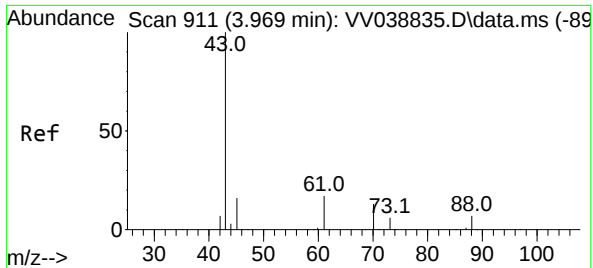
Ion Ratio Lower Upper

75 100

110 39.1 19.3 57.9

77 30.4 25.1 37.7

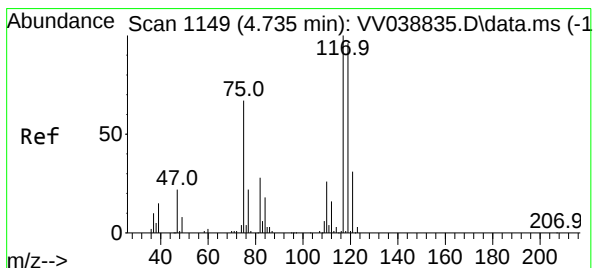
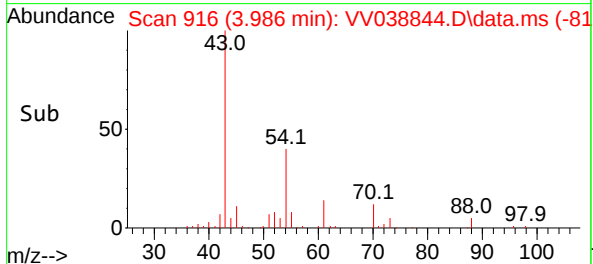
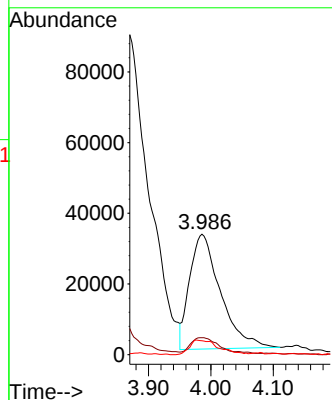
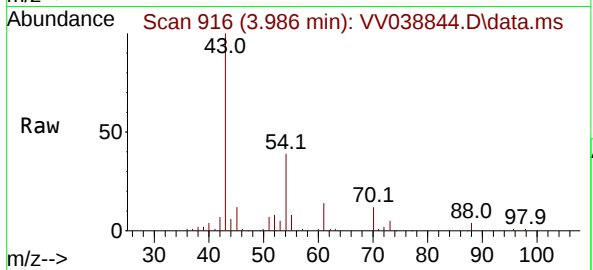




#37
Ethyl Acetate
Concen: 16.701 ug/l
RT: 3.986 min Scan# 911
Delta R.T. 0.016 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

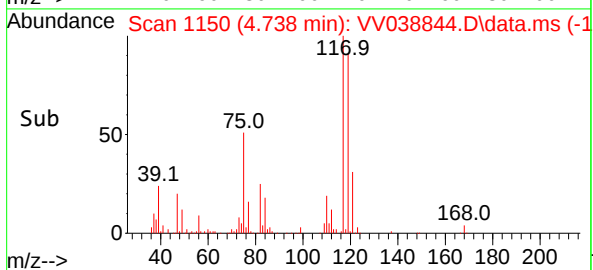
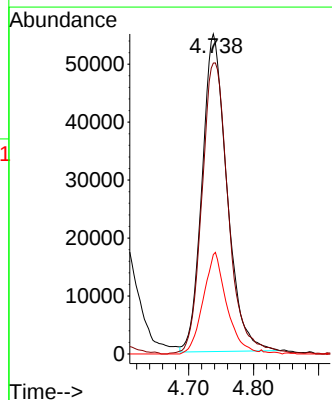
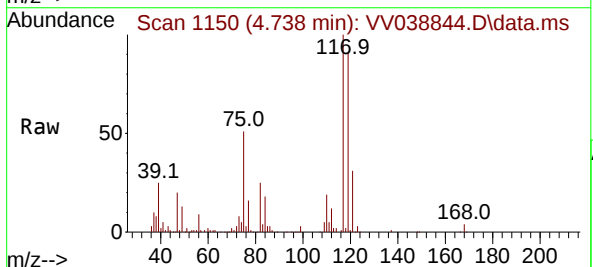
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

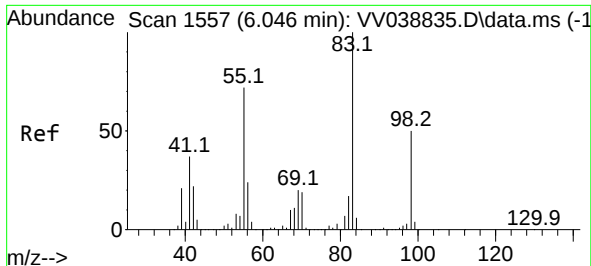
Tgt Ion: 43 Resp: 111752
Ion Ratio Lower Upper
43 100
61 11.1 13.0 19.4#
70 11.9 9.6 14.4



#38
Carbon Tetrachloride
Concen: 16.860 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 117 Resp: 145524
Ion Ratio Lower Upper
117 100
119 91.0 76.5 114.7
121 31.4 25.0 37.6





#39

Methylcyclohexane

Concen: 16.227 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

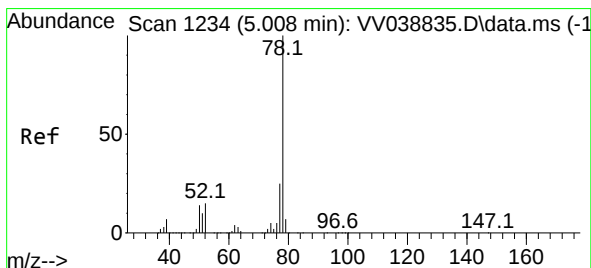
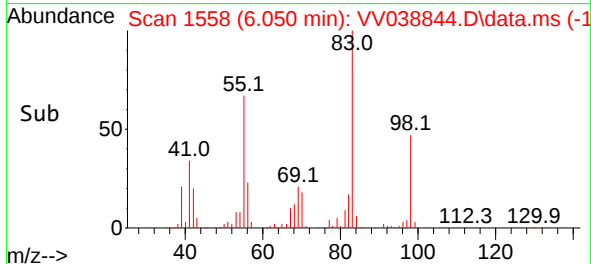
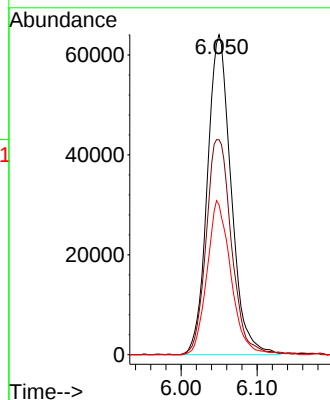
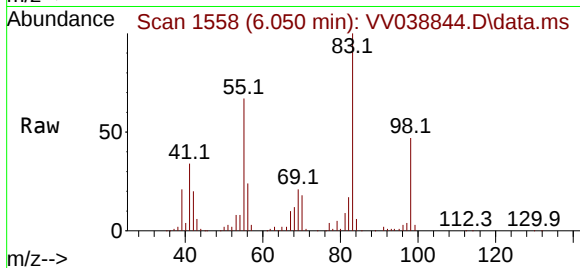
Tgt Ion: 83 Resp: 139133

Ion Ratio Lower Upper

83 100

55 67.3 57.7 86.5

98 46.9 40.2 60.2



#40

Benzene

Concen: 17.042 ug/l

RT: 5.015 min Scan# 1236

Delta R.T. 0.007 min

Lab File: VV038844.D

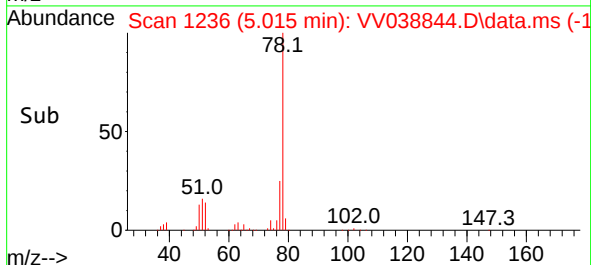
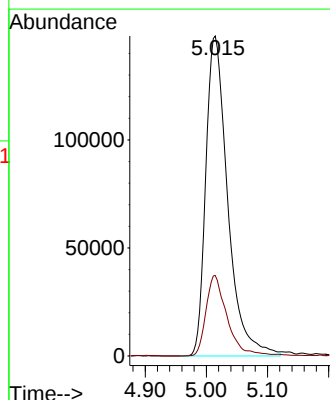
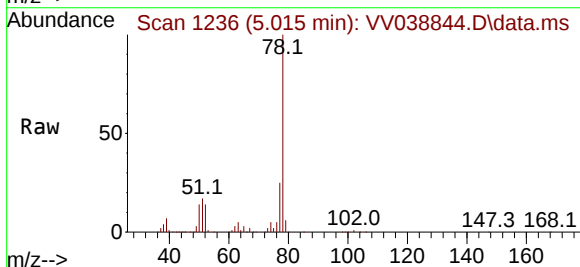
Acq: 02 Jul 2025 16:38

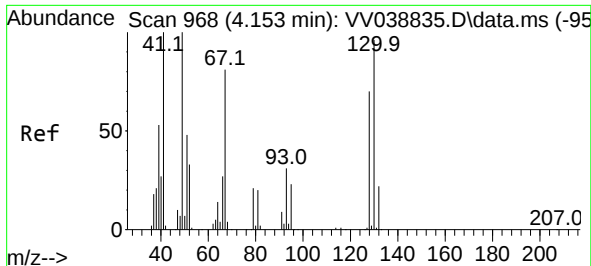
Tgt Ion: 78 Resp: 369021

Ion Ratio Lower Upper

78 100

77 25.2 19.6 29.4

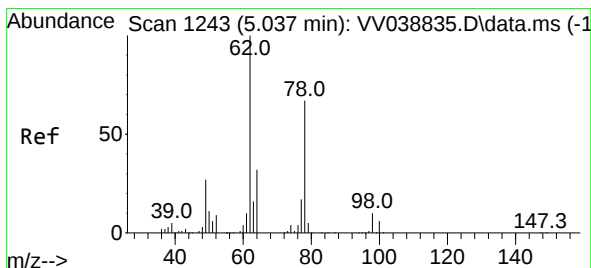
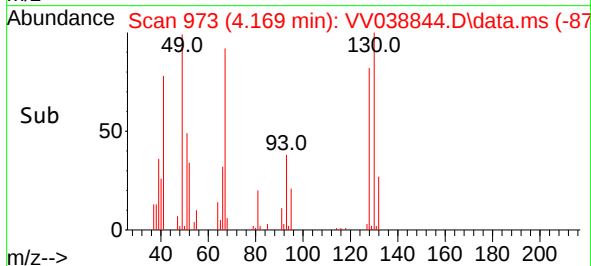
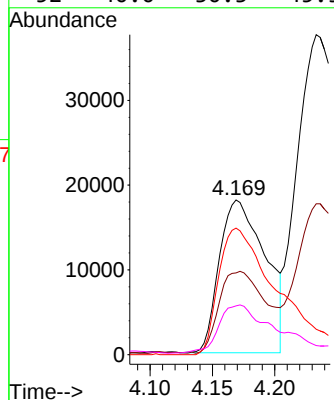
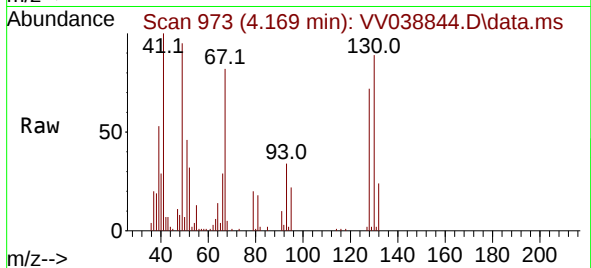




#41
Methacrylonitrile
Concen: 17.221 ug/l
RT: 4.169 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

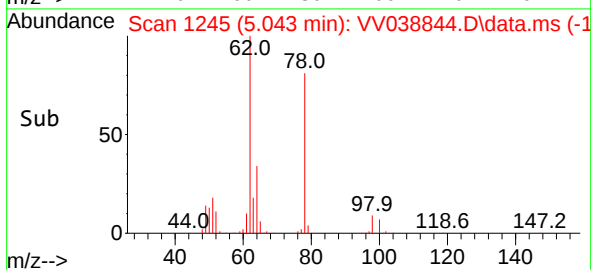
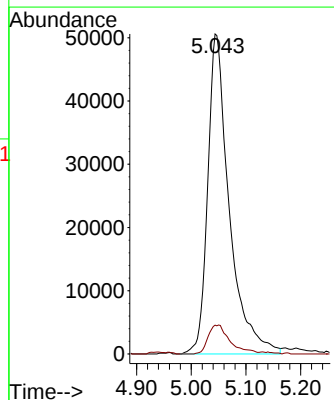
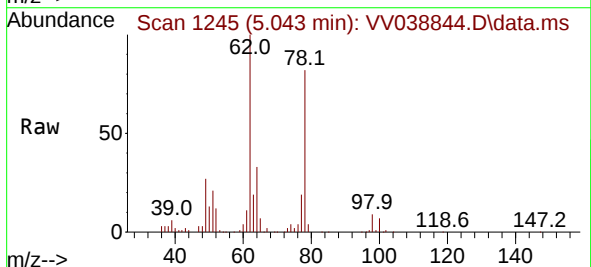
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

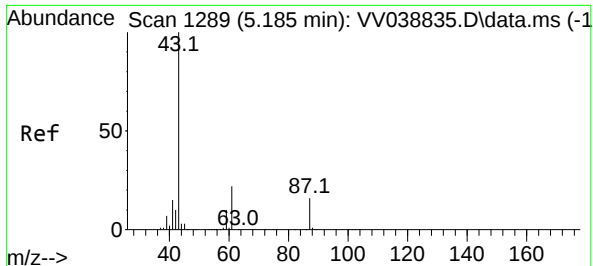
Tgt Ion:	41	Resp:	46131
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.8	65.8
67	107.2	78.8	118.2
52	40.0	30.3	45.5



#42
1,2-Dichloroethane
Concen: 18.054 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:	62	Resp:	138407
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0

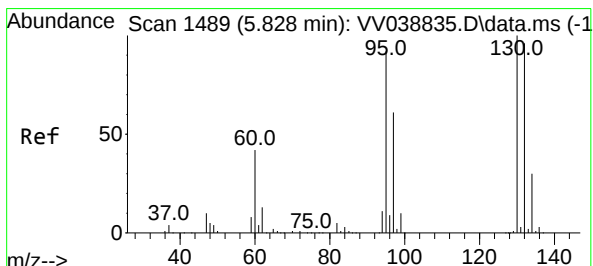
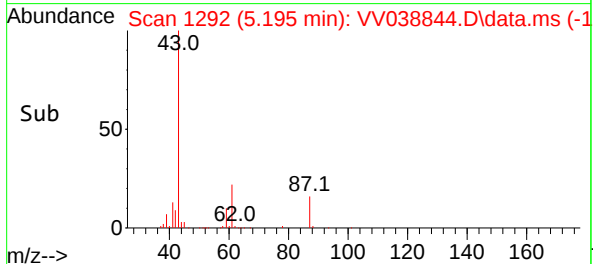
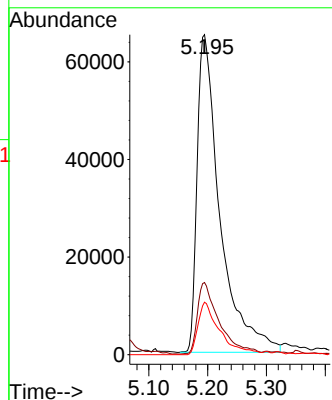
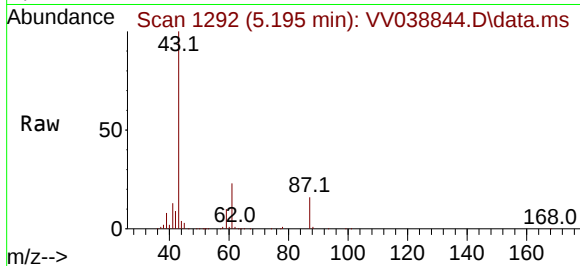




#43
Isopropyl Acetate
Concen: 16.445 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

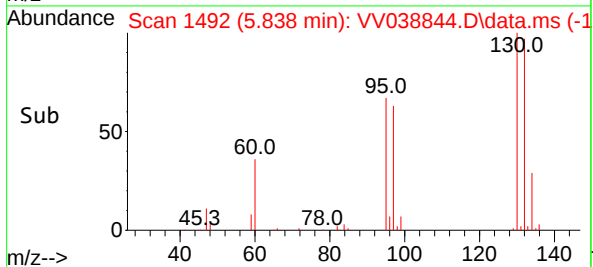
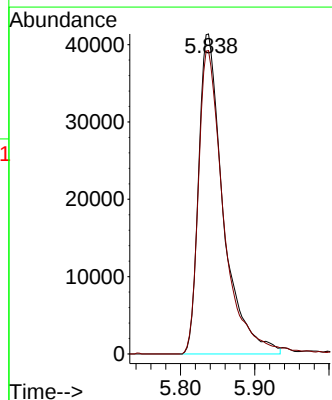
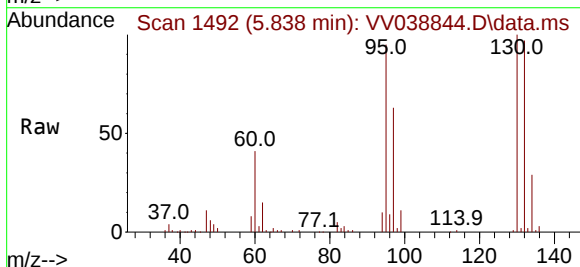
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

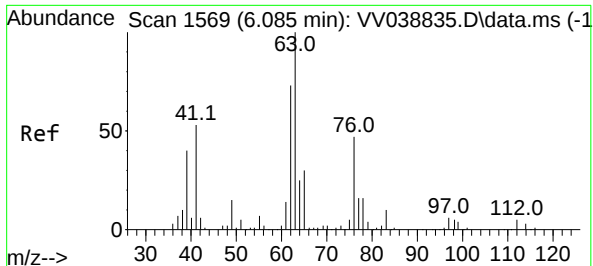
Tgt Ion: 43 Resp: 175556
Ion Ratio Lower Upper
43 100
61 21.3 17.0 25.6
87 15.7 13.0 19.6



#44
Trichloroethene
Concen: 16.827 ug/l
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:130 Resp: 95089
Ion Ratio Lower Upper
130 100
95 94.8 0.0 184.4





#45

1,2-Dichloropropane

Concen: 16.271 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

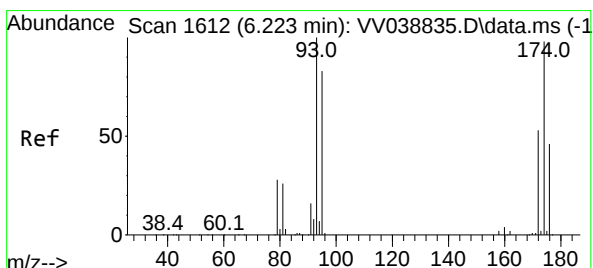
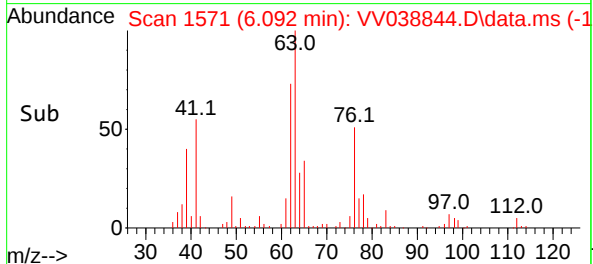
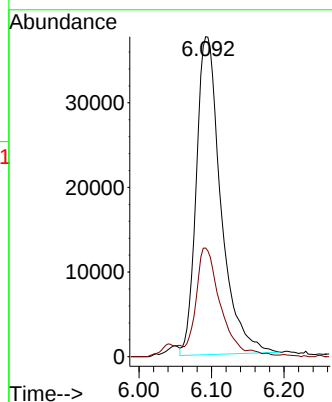
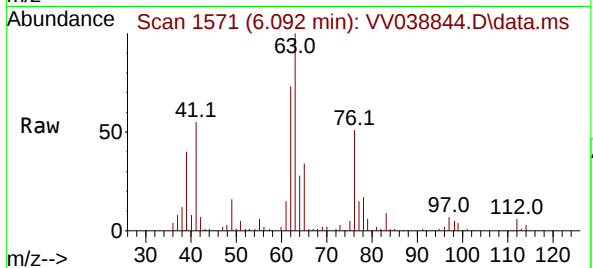
VV0702WBSD01

Tgt Ion: 63 Resp: 88488

Ion Ratio Lower Upper

63 100

65 33.9 24.3 36.5



#46

Dibromomethane

Concen: 16.808 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

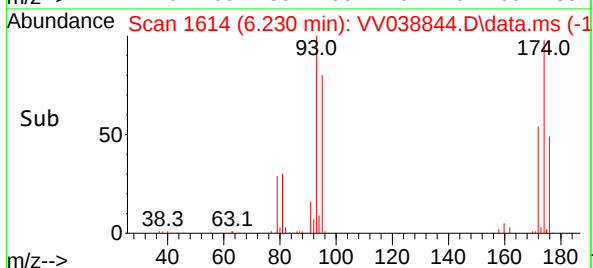
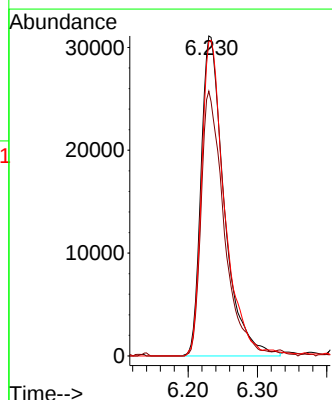
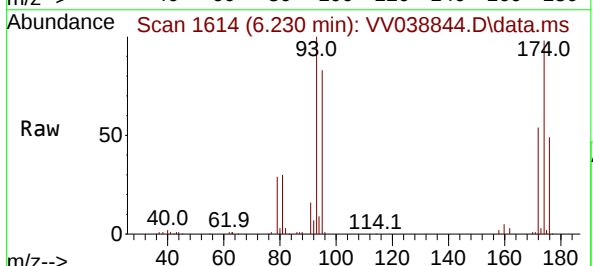
Tgt Ion: 93 Resp: 72085

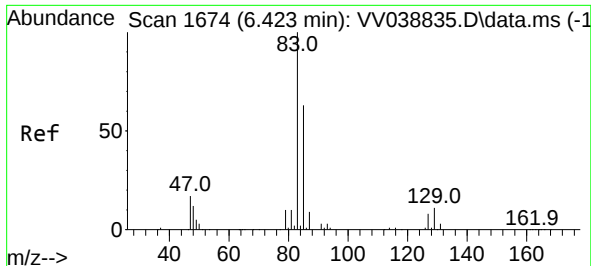
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 97.0 78.7 118.1





#47

Bromodichloromethane

Concen: 16.438 ug/l

RT: 6.429 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

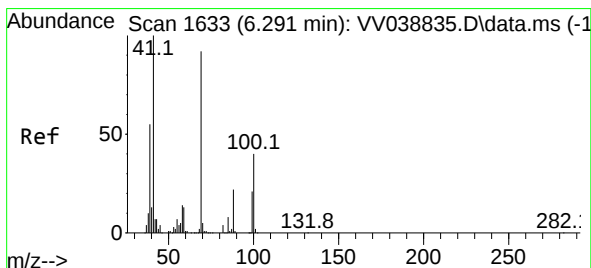
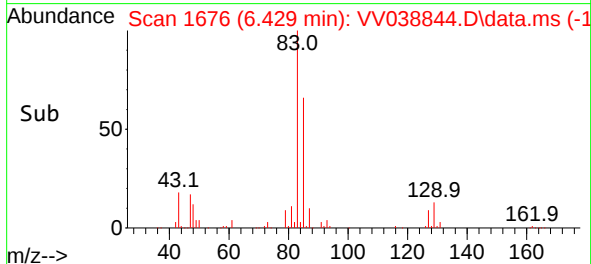
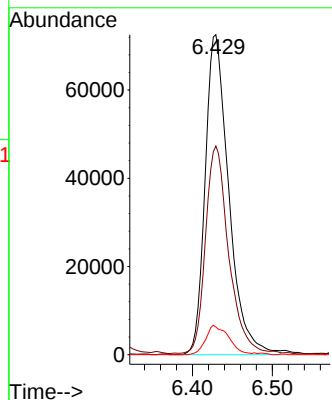
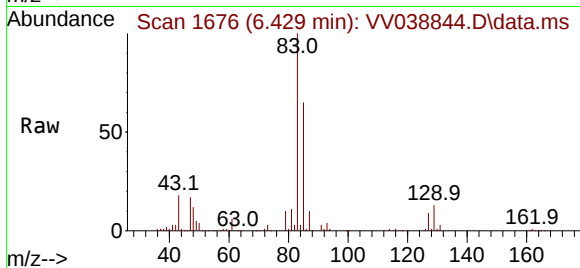
Tgt Ion: 83 Resp: 149274

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

127 8.7 6.6 10.0



#48

Methyl methacrylate

Concen: 15.357 ug/l

RT: 6.301 min Scan# 1636

Delta R.T. 0.010 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

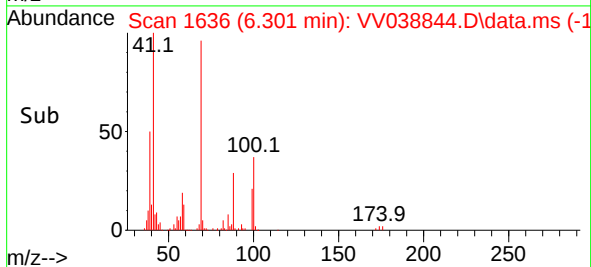
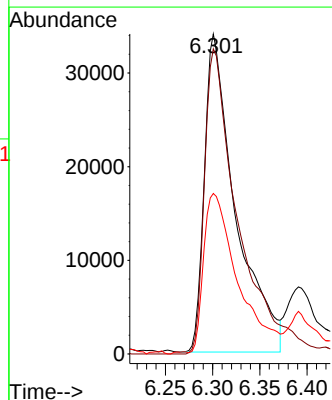
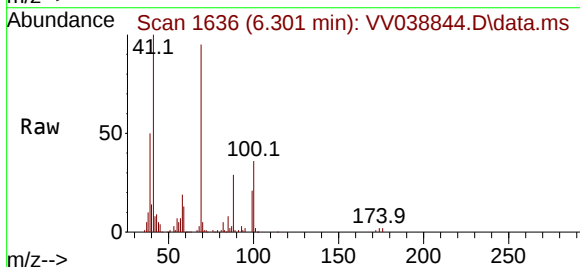
Tgt Ion: 41 Resp: 77951

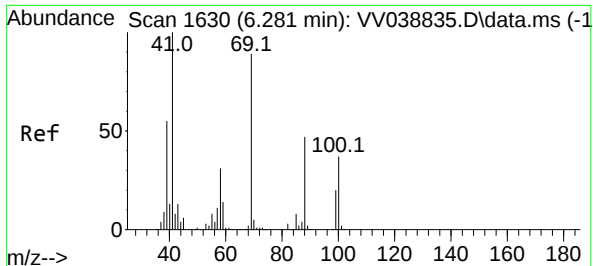
Ion Ratio Lower Upper

41 100

69 103.7 77.4 116.2

39 54.5 44.2 66.4





#49

1,4-Dioxane

Concen: 390.285 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

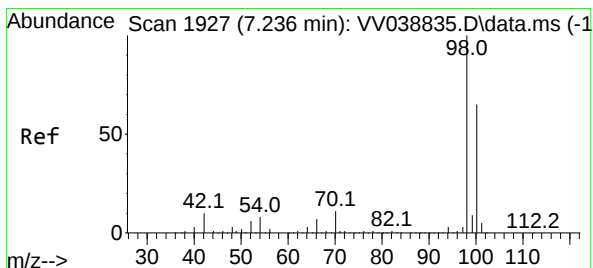
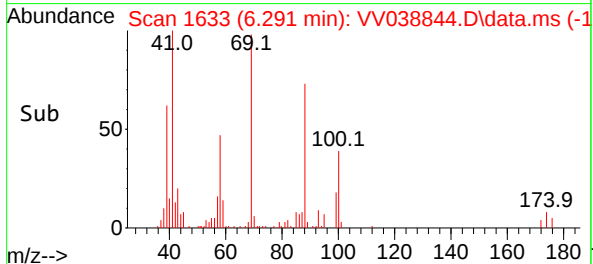
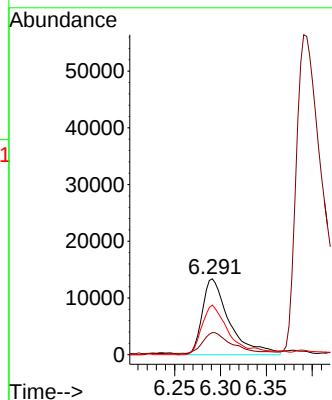
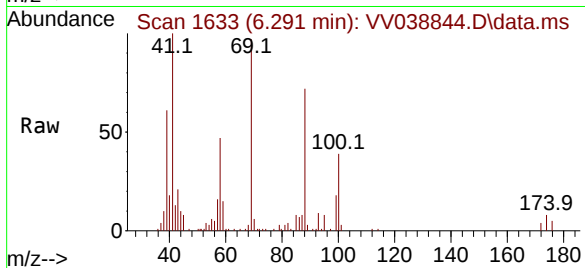
Tgt Ion: 88 Resp: 27460

Ion Ratio Lower Upper

88 100

43 31.0 25.2 37.8

58 61.1 52.1 78.1



#50

Toluene-d8

Concen: 43.281 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038844.D

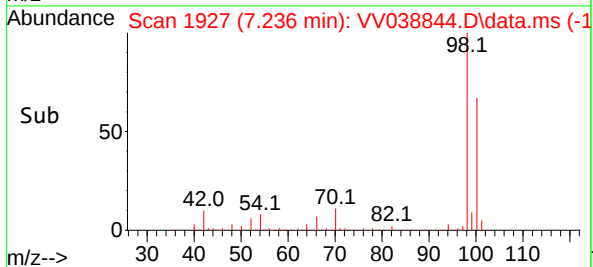
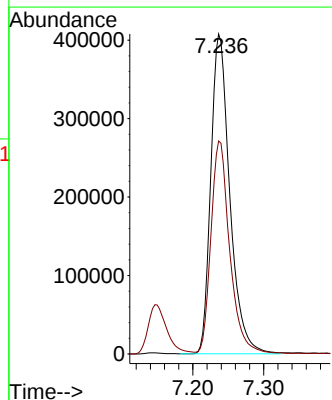
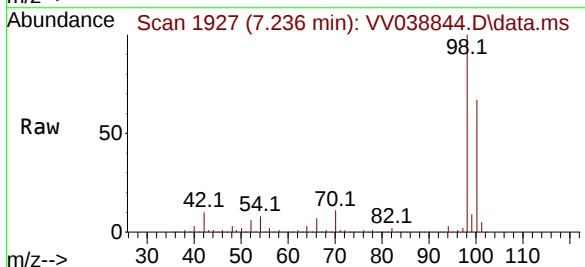
Acq: 02 Jul 2025 16:38

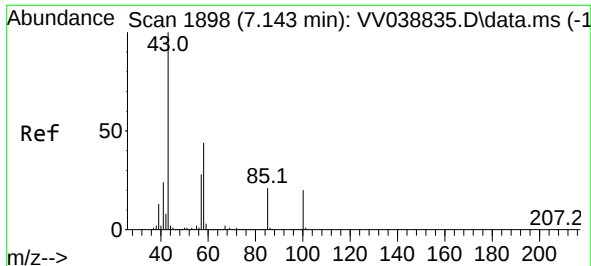
Tgt Ion: 98 Resp: 756762

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 91.532 ug/l

RT: 7.146 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

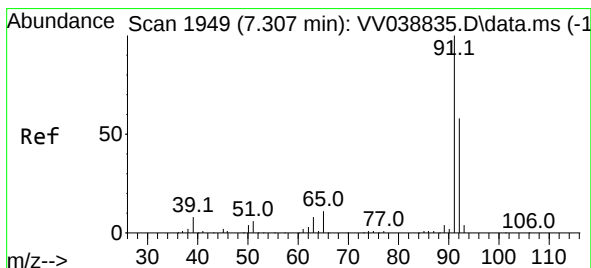
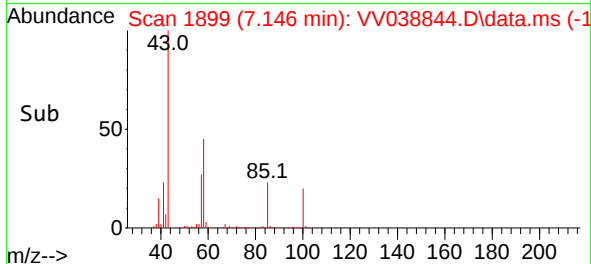
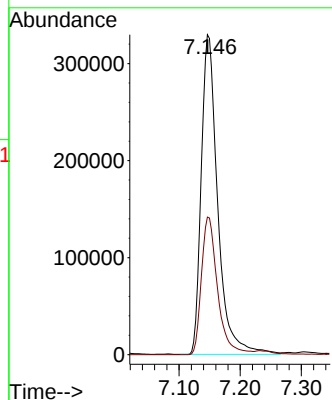
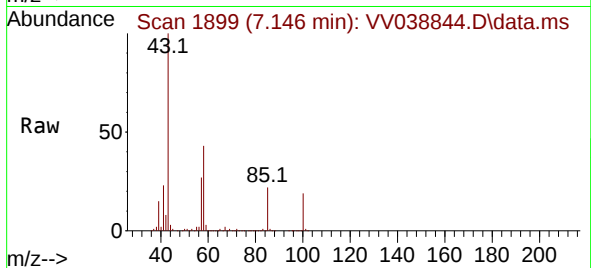
VV0702WBSD01

Tgt Ion: 43 Resp: 616602

Ion Ratio Lower Upper

43 100

58 42.2 34.4 51.6



#52

Toluene

Concen: 17.819 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV038844.D

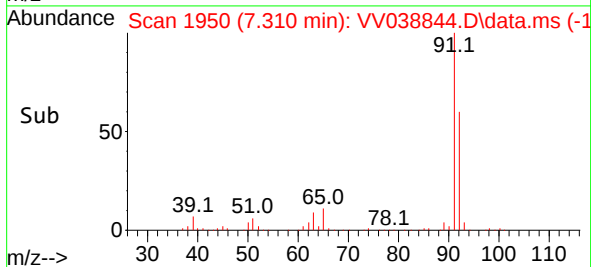
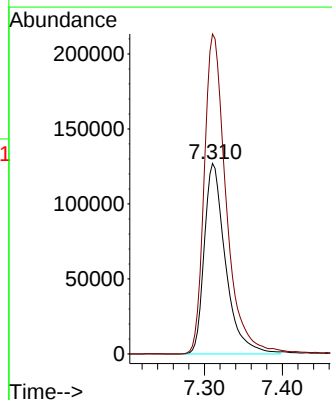
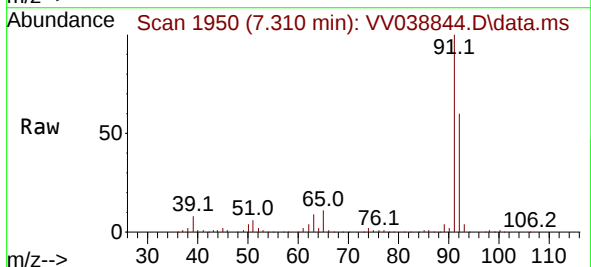
Acq: 02 Jul 2025 16:38

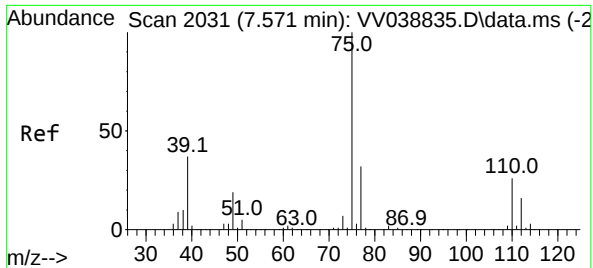
Tgt Ion: 92 Resp: 241071

Ion Ratio Lower Upper

92 100

91 174.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 16.829 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

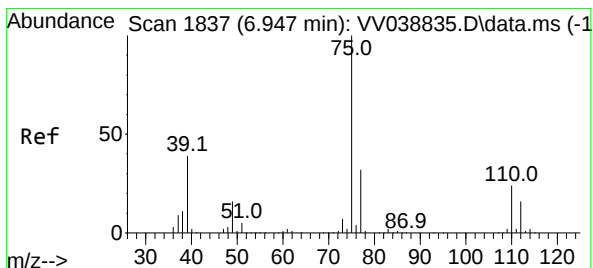
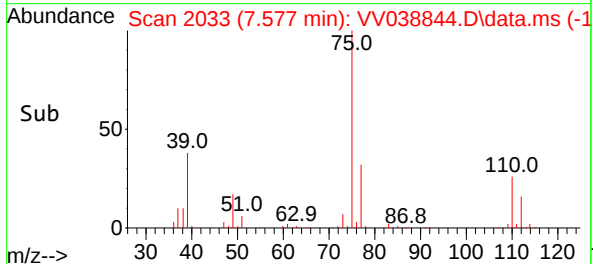
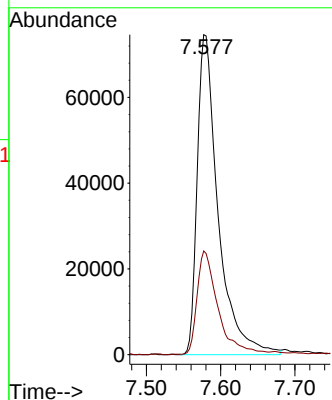
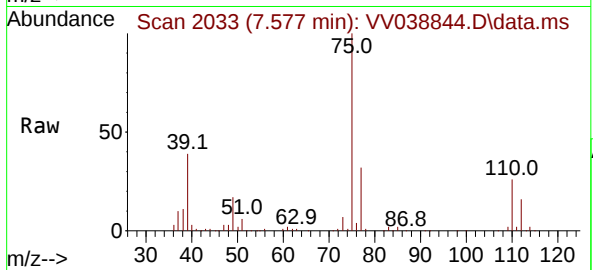
VV0702WBSD01

Tgt Ion: 75 Resp: 146307

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.405 ug/l

RT: 6.953 min Scan# 1839

Delta R.T. 0.007 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

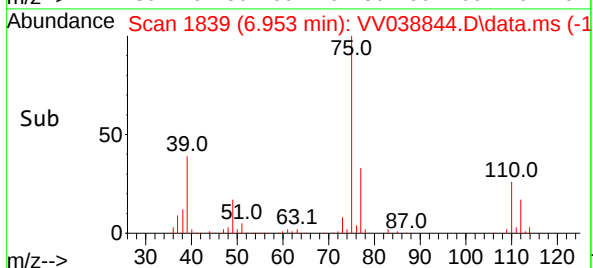
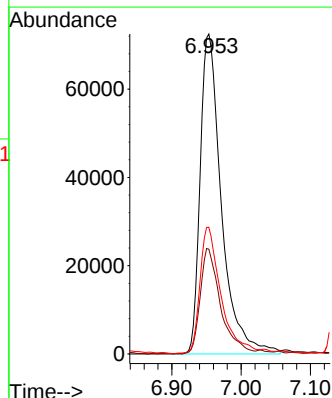
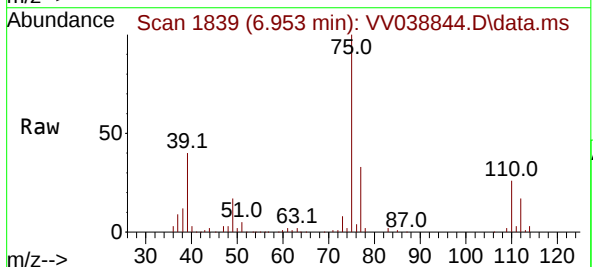
Tgt Ion: 75 Resp: 154716

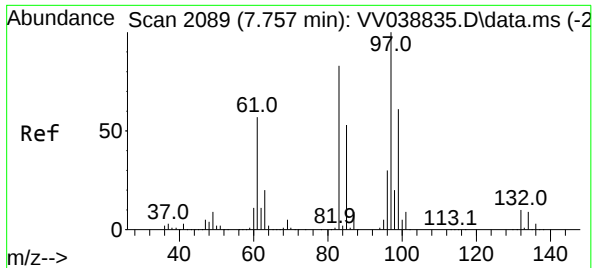
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

39 39.3 31.3 46.9

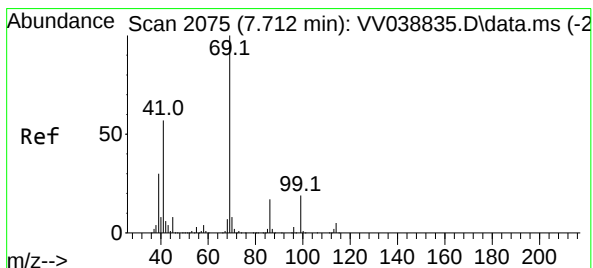
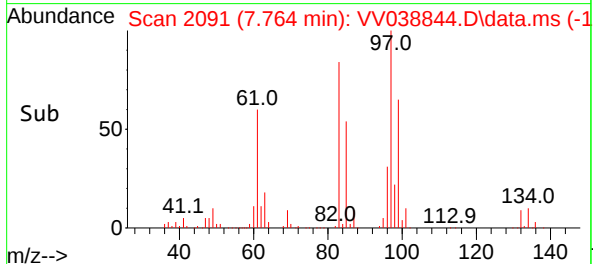
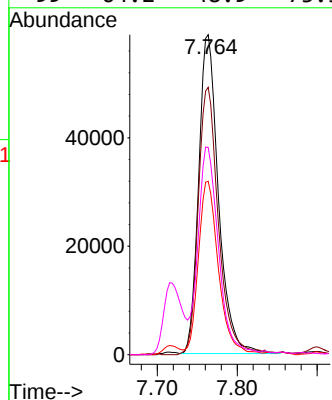
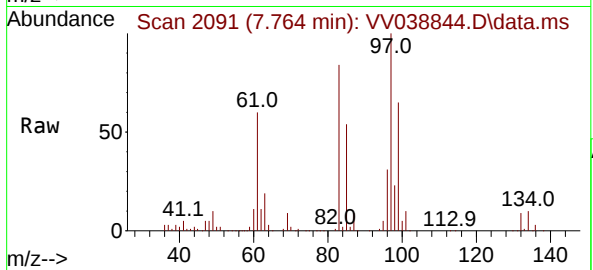




#55
1,1,2-Trichloroethane
Concen: 17.174 ug/l
RT: 7.764 min Scan# 2089
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

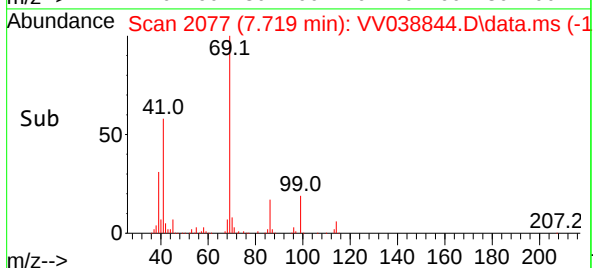
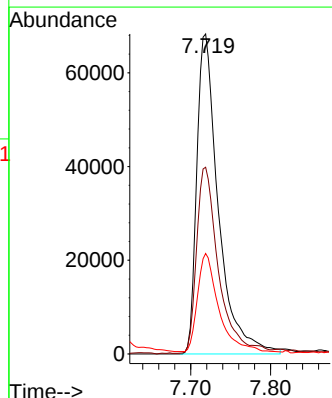
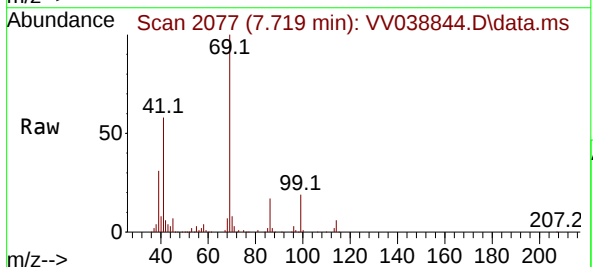
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

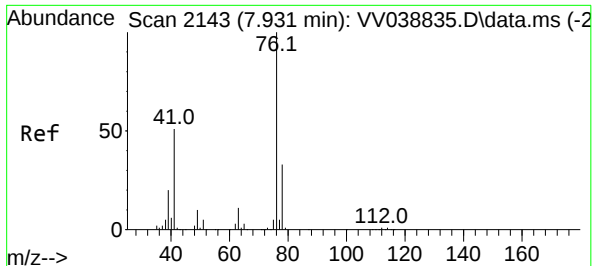
Tgt Ion:	97	Resp:	101601
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.2	99.4
85	53.7	42.2	63.4
99	64.2	48.9	73.3



#56
Ethyl methacrylate
Concen: 16.519 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:	69	Resp:	128567
Ion	Ratio	Lower	Upper
69	100		
41	59.2	46.1	69.1
39	30.4	24.1	36.1

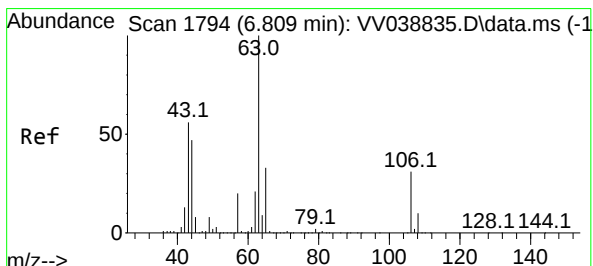
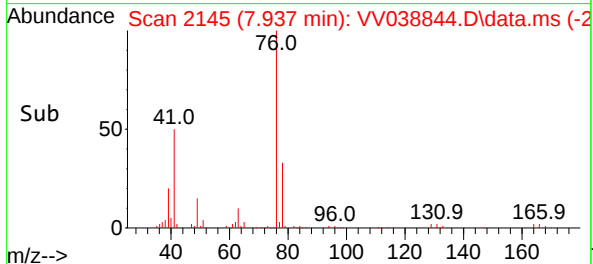
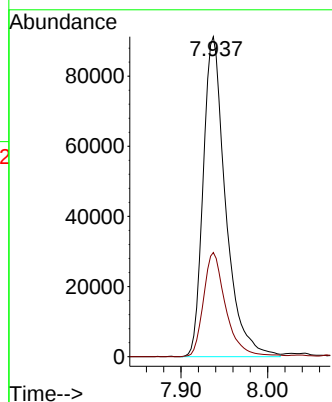
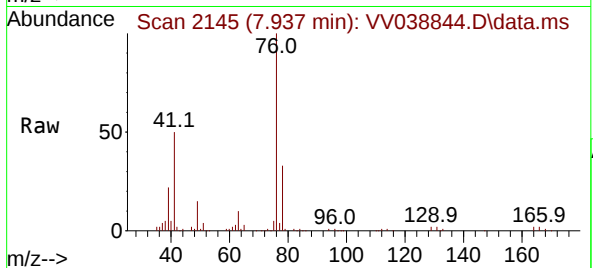




#57
1,3-Dichloropropane
Concen: 17.601 ug/l
RT: 7.937 min Scan# 2143
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

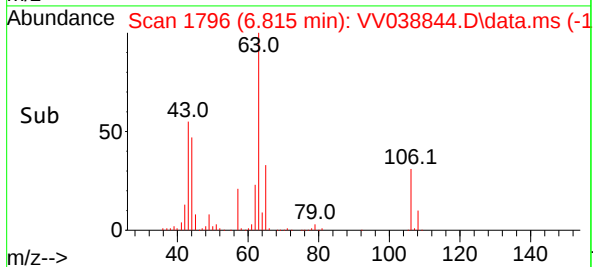
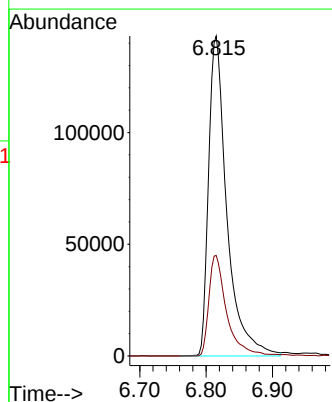
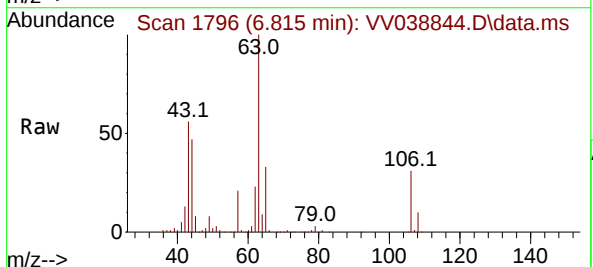
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

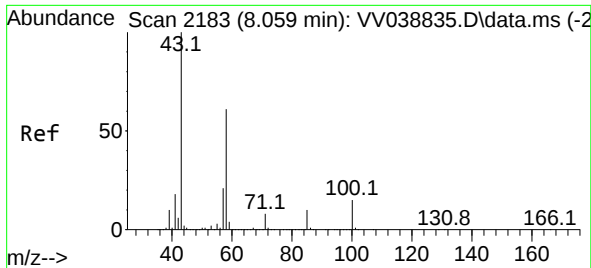
Tgt Ion: 76 Resp: 164032
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 77.529 ug/l
RT: 6.815 min Scan# 1796
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 63 Resp: 273991
Ion Ratio Lower Upper
63 100
106 30.7 24.6 37.0

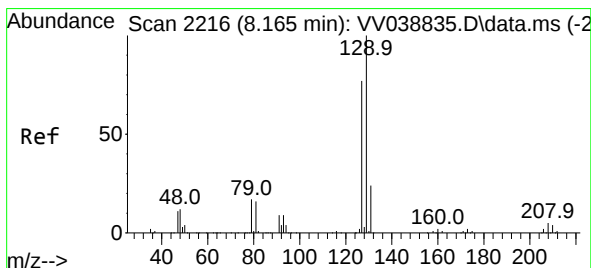
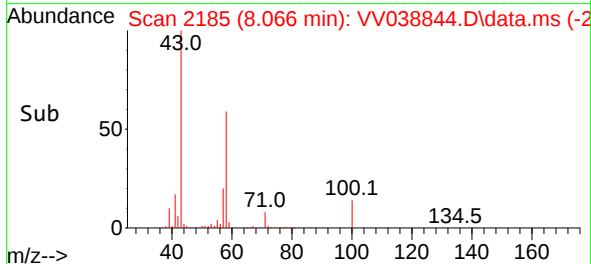
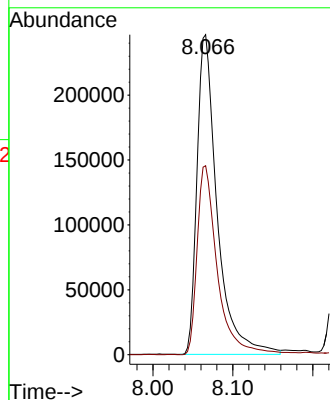
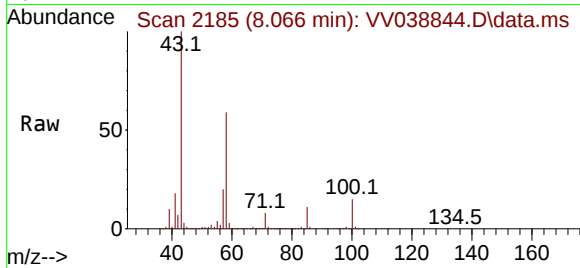




#59
2-Hexanone
Concen: 91.113 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

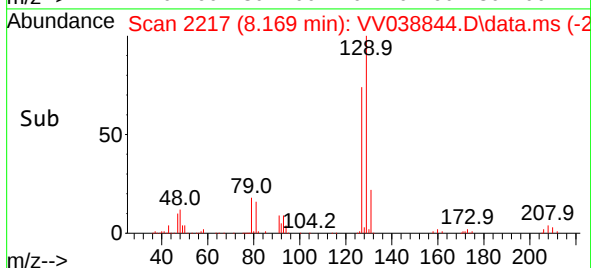
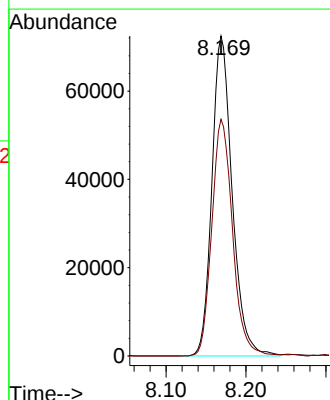
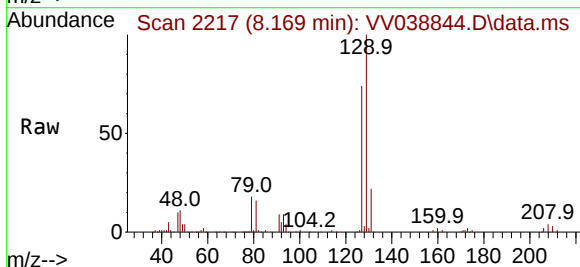
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

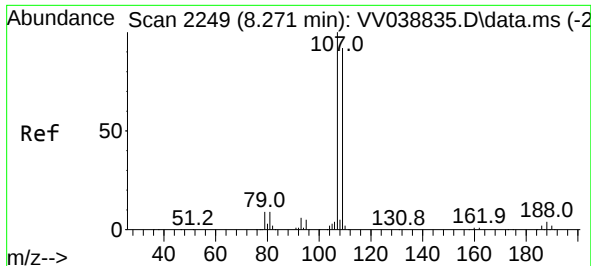
Tgt Ion: 43 Resp: 432915
Ion Ratio Lower Upper
43 100
58 59.7 30.3 91.0



#60
Dibromochloromethane
Concen: 17.125 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 129 Resp: 127561
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6

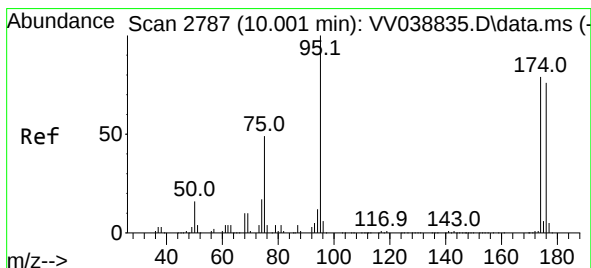
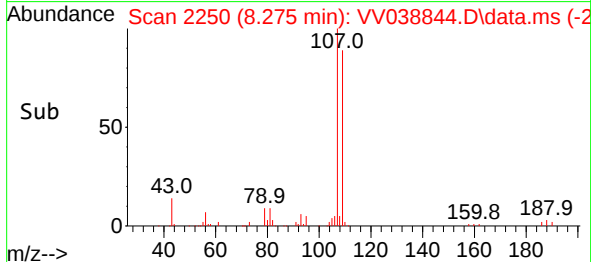
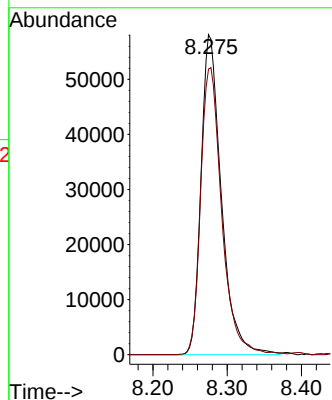
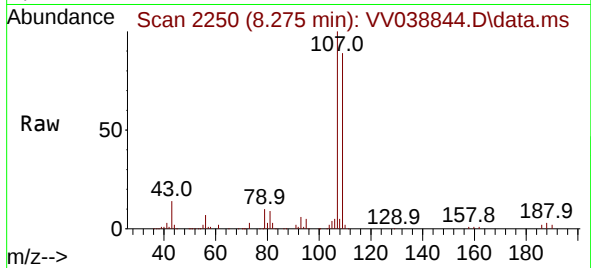




#61
 1,2-Dibromoethane
 Concen: 18.017 ug/l
 RT: 8.275 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VV038844.D
 Acq: 02 Jul 2025 16:38

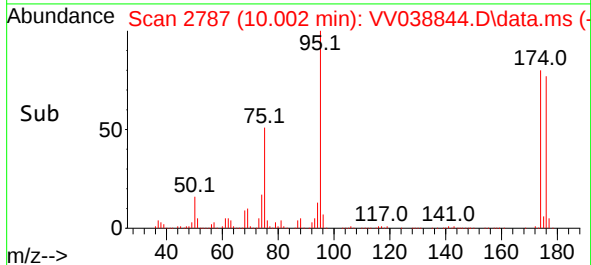
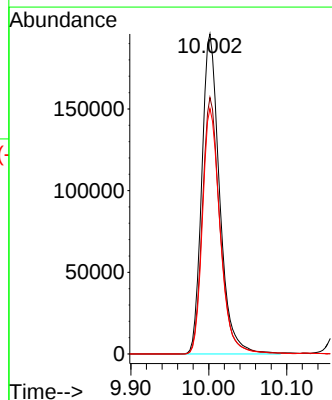
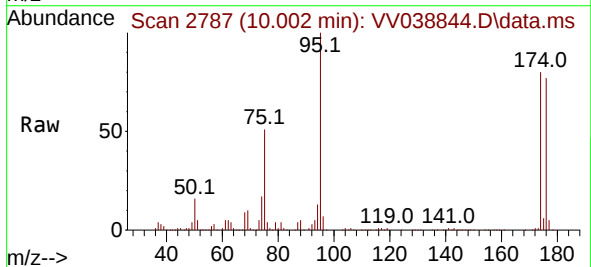
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0702WBSD01

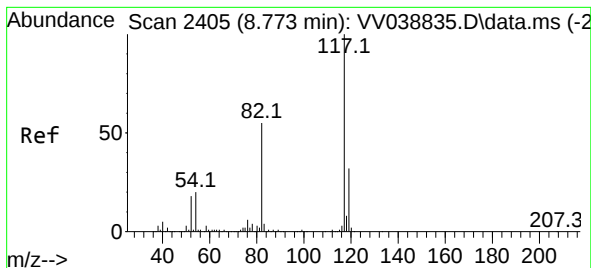
Tgt Ion:107 Resp: 110277
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 44.029 ug/l
 RT: 10.002 min Scan# 2787
 Delta R.T. 0.000 min
 Lab File: VV038844.D
 Acq: 02 Jul 2025 16:38

Tgt Ion: 95 Resp: 311029
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 158.2
 176 76.1 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

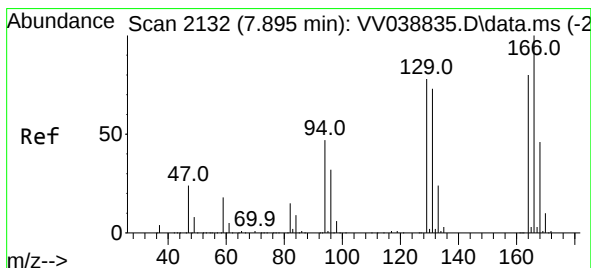
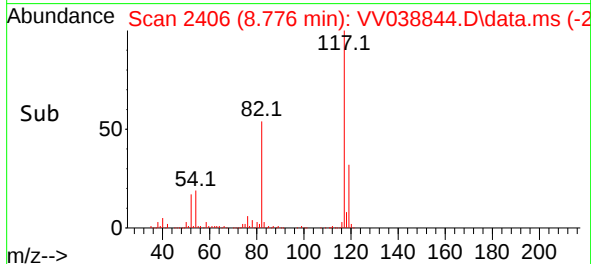
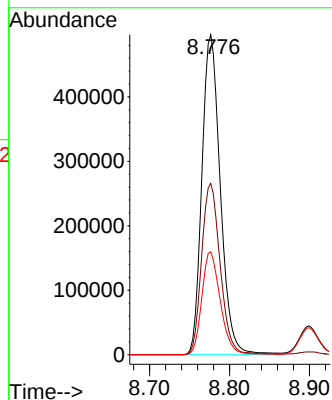
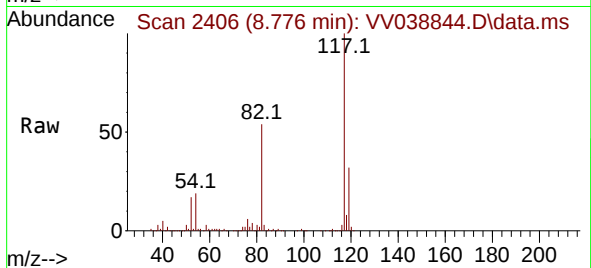
Tgt Ion:117 Resp: 797479

Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.4

119 32.2 25.5 38.3



#64

Tetrachloroethene

Concen: 16.322 ug/l

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Tgt Ion:164 Resp: 83701

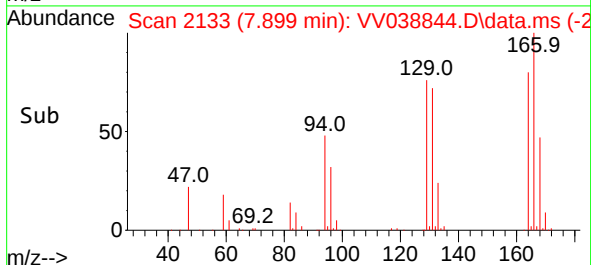
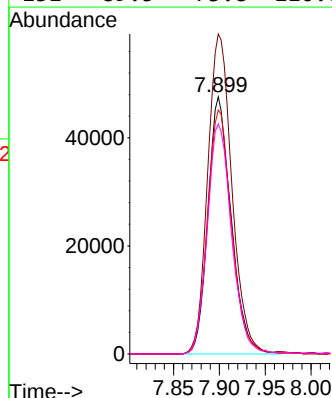
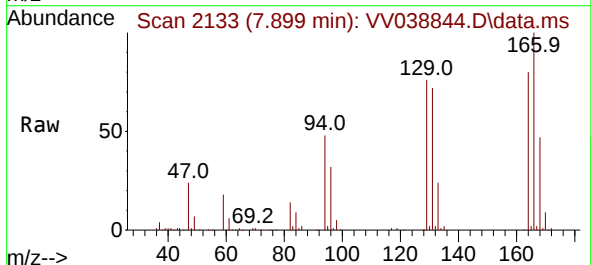
Ion Ratio Lower Upper

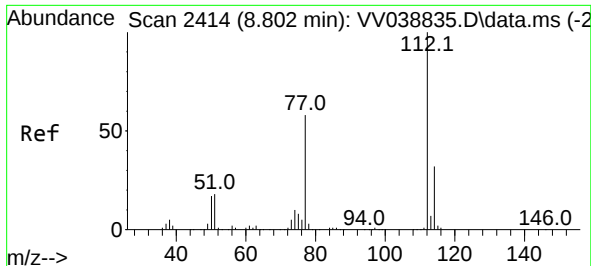
164 100

166 124.5 100.6 151.0

129 94.9 78.4 117.6

131 89.5 73.8 110.6

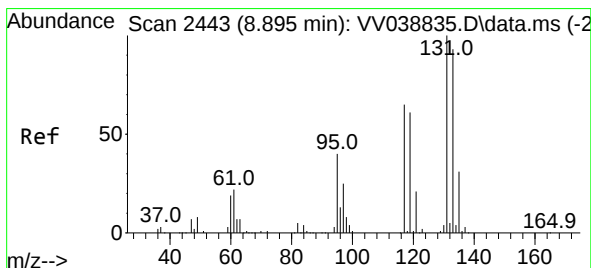
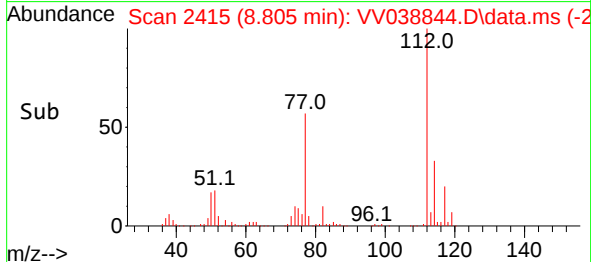
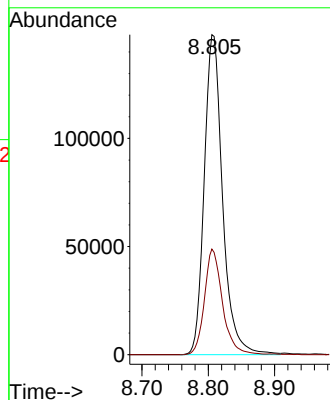
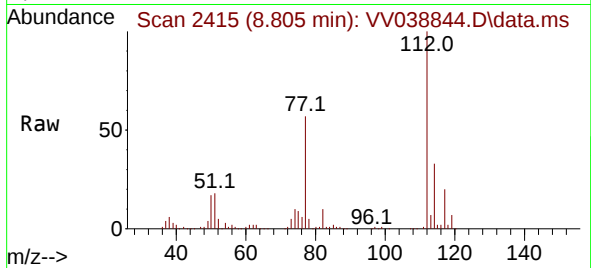




#65
Chlorobenzene
Concen: 16.945 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

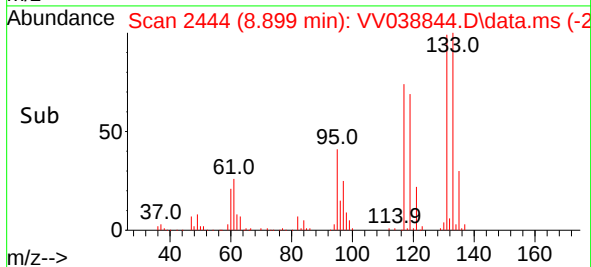
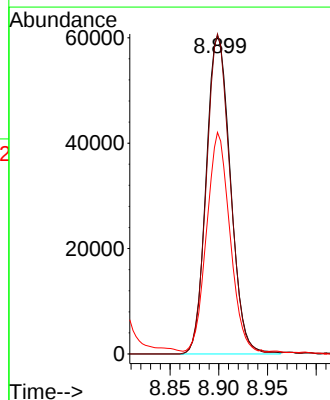
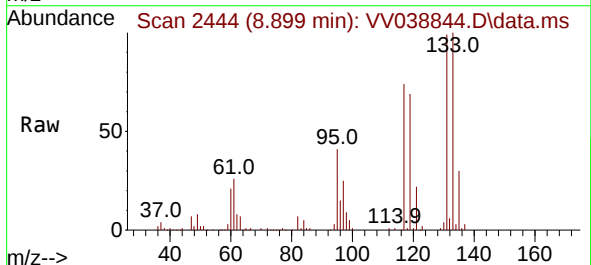
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

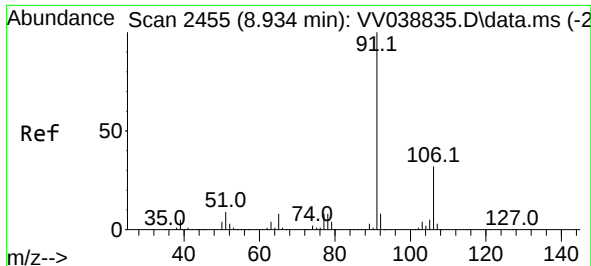
Tgt Ion:112 Resp: 284785
Ion Ratio Lower Upper
112 100
114 33.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 16.670 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:131 Resp: 104617
Ion Ratio Lower Upper
131 100
133 98.1 47.3 142.0
119 66.2 31.0 93.0





#67

Ethyl Benzene

Concen: 16.811 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

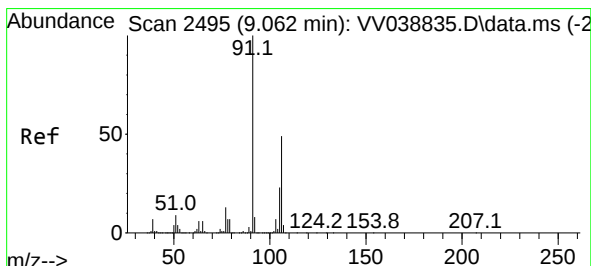
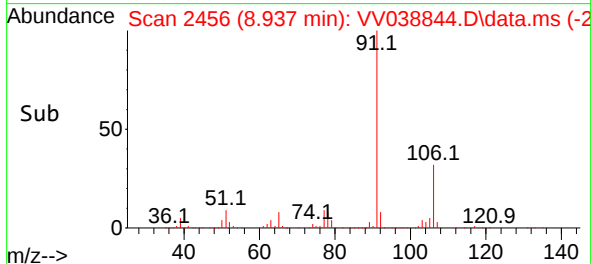
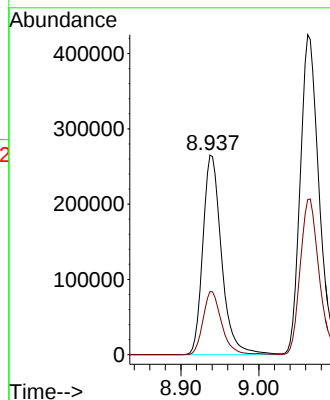
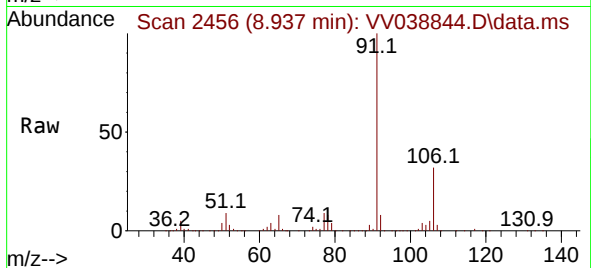
VV0702WBSD01

Tgt Ion: 91 Resp: 442656

Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



#68

m/p-Xylenes

Concen: 34.983 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038844.D

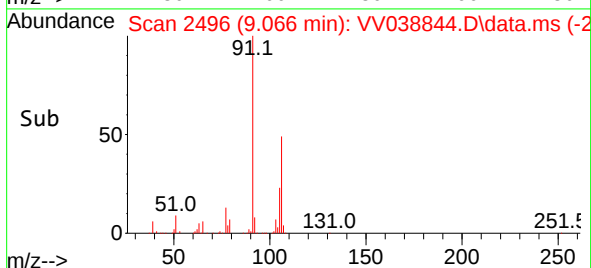
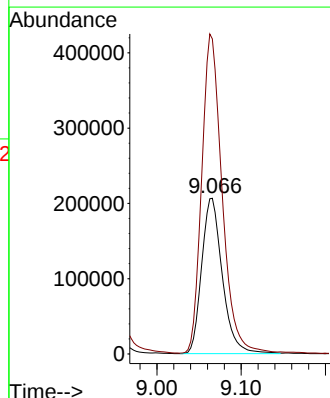
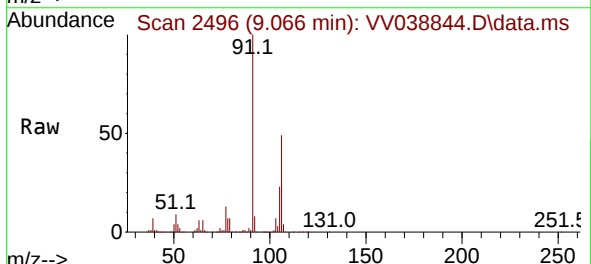
Acq: 02 Jul 2025 16:38

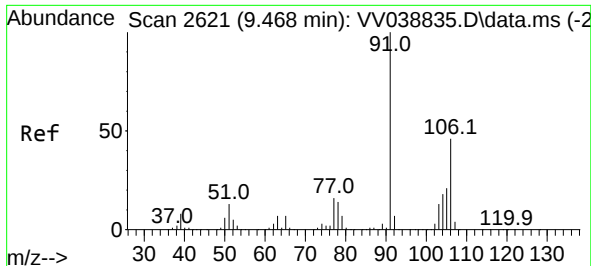
Tgt Ion:106 Resp: 352824

Ion Ratio Lower Upper

106 100

91 204.1 162.9 244.3

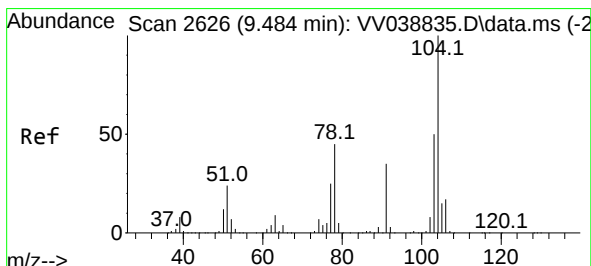
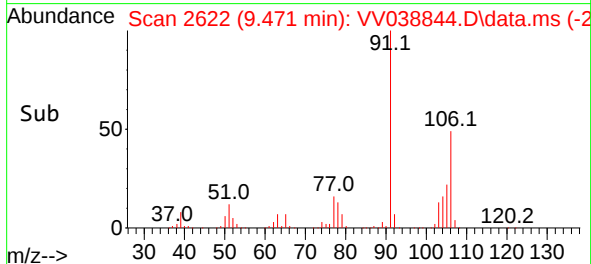
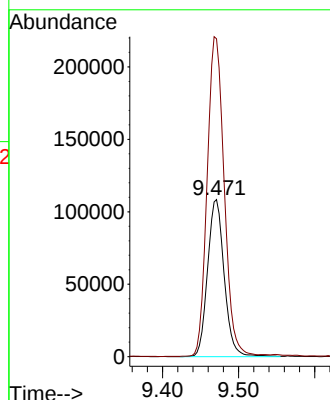
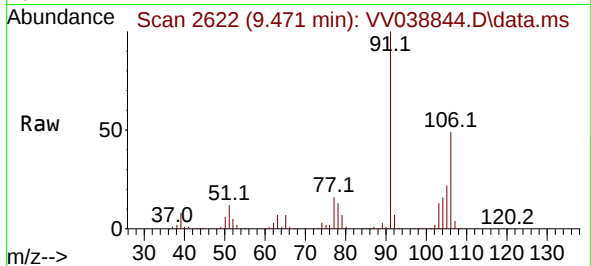




#69
o-Xylene
Concen: 17.099 ug/l
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

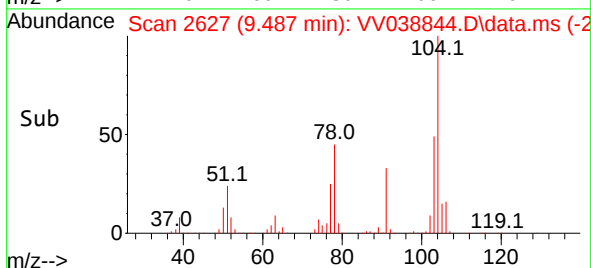
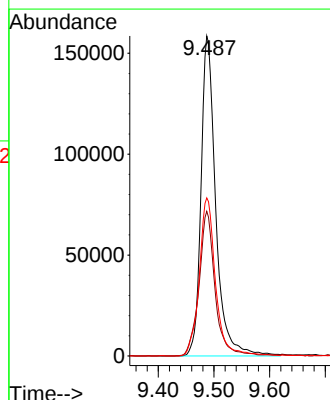
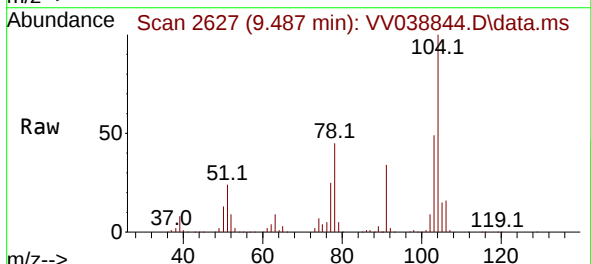
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

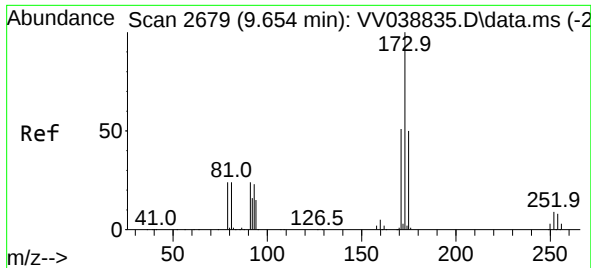
Tgt Ion:106 Resp: 164763
Ion Ratio Lower Upper
106 100
91 208.6 107.6 322.8



#70
Styrene
Concen: 17.386 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:104 Resp: 292489
Ion Ratio Lower Upper
104 100
78 49.0 39.9 59.9
103 54.7 43.4 65.0

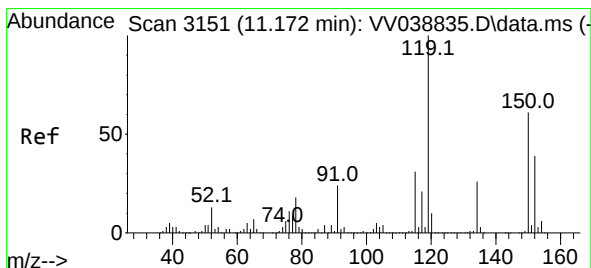
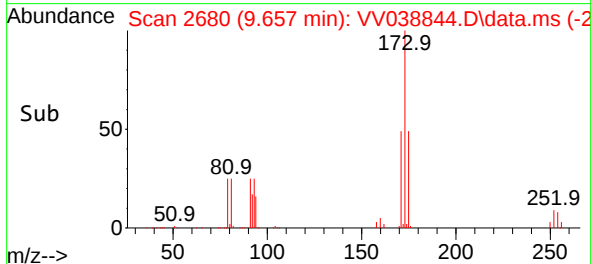
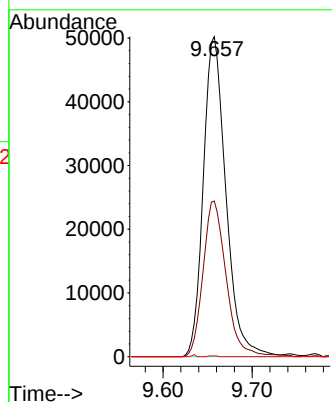
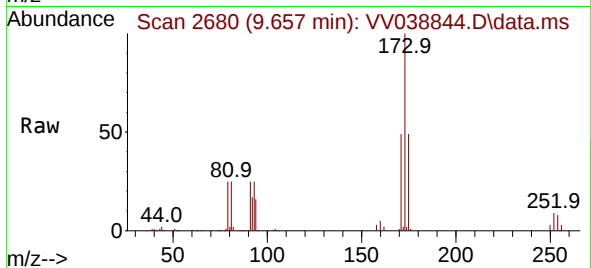




#71
Bromoform
Concen: 17.349 ug/l
RT: 9.657 min Scan# 2679
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

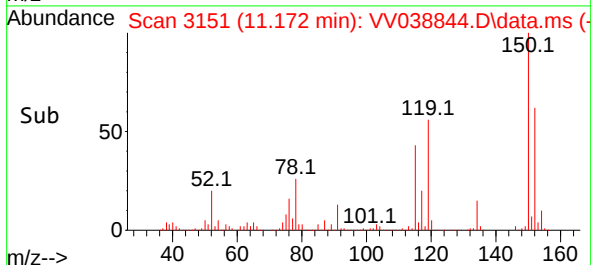
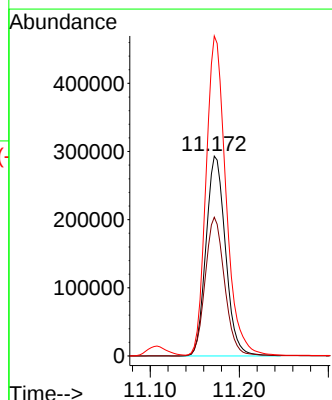
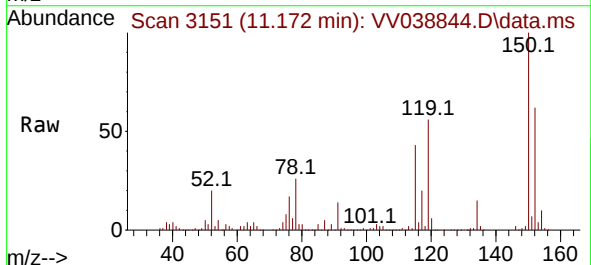
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

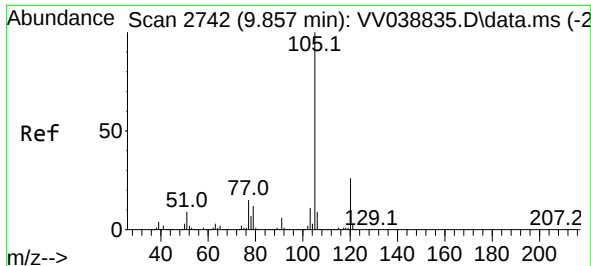
Tgt Ion:173 Resp: 88477
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:152 Resp: 445540
Ion Ratio Lower Upper
152 100
115 69.4 42.0 126.0
150 163.3 0.0 343.6

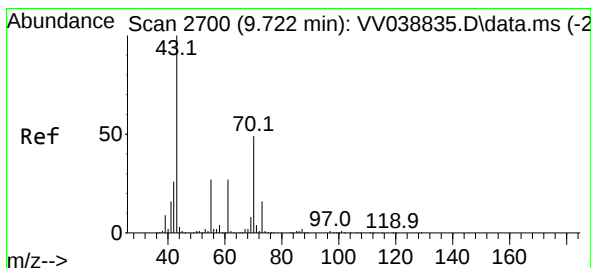
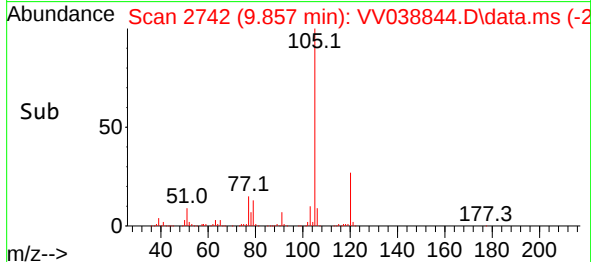
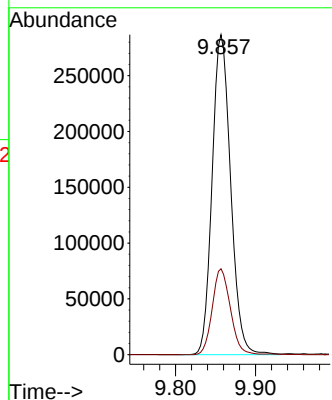
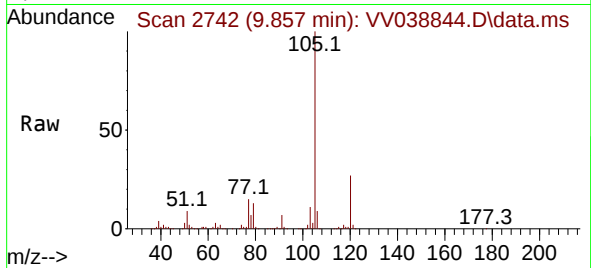




#73
Isopropylbenzene
Concen: 17.625 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

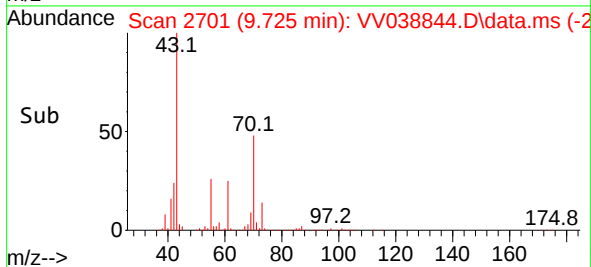
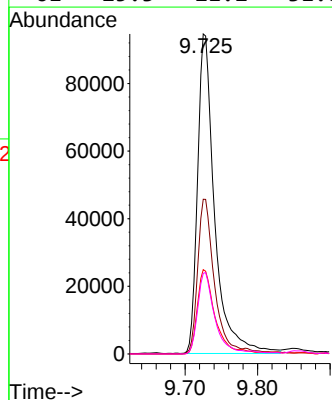
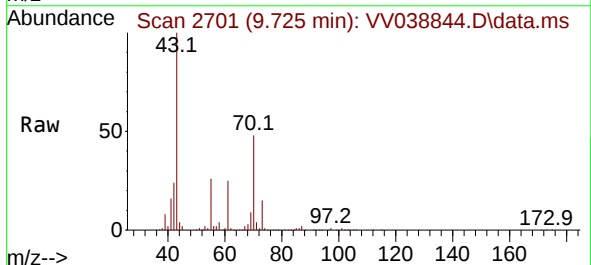
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

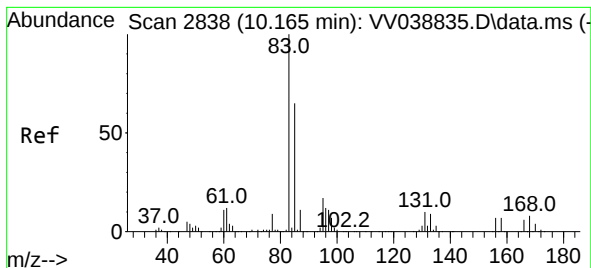
Tgt Ion:105 Resp: 460858
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-ethyl acetate
Concen: 16.908 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 43 Resp: 154745
Ion Ratio Lower Upper
43 100
70 46.8 39.7 59.5
55 27.3 22.1 33.1
61 25.3 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 17.872 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

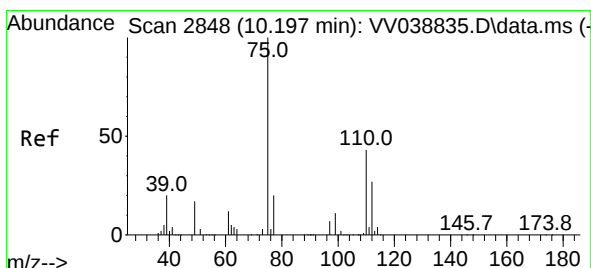
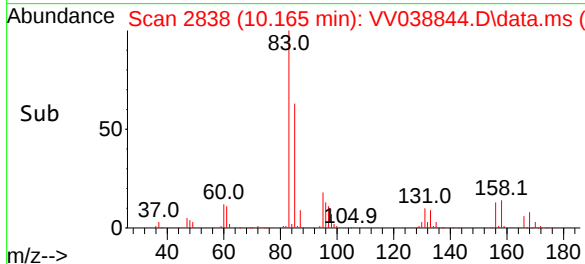
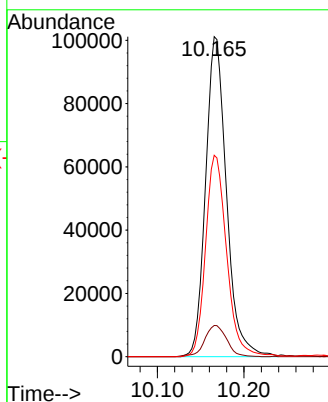
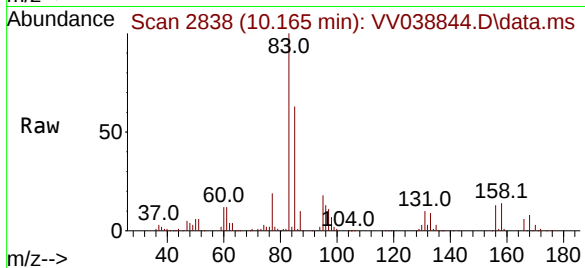
Tgt Ion: 83 Resp: 169417

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 63.5 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 17.258 ug/l

RT: 10.201 min Scan# 2849

Delta R.T. 0.003 min

Lab File: VV038844.D

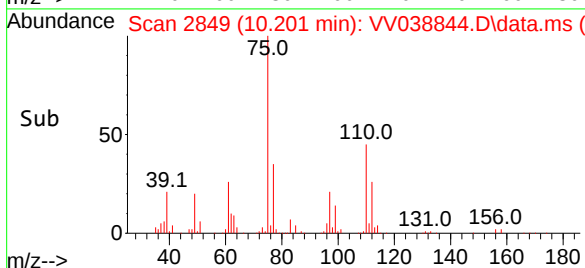
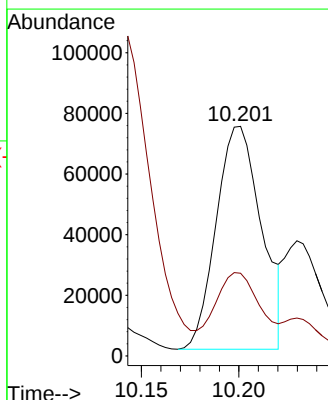
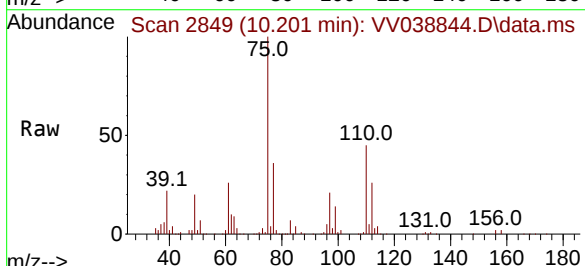
Acq: 02 Jul 2025 16:38

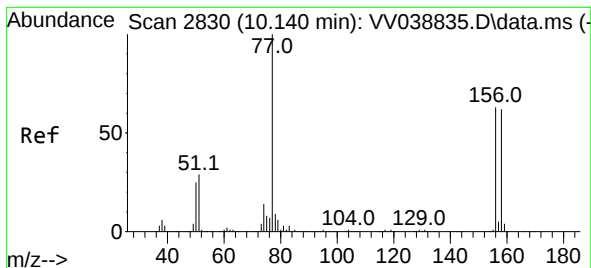
Tgt Ion: 75 Resp: 118967

Ion Ratio Lower Upper

75 100

77 22.8 11.7 35.1





#77

Bromobenzene

Concen: 17.863 ug/l

RT: 10.143 min Scan# 2831

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

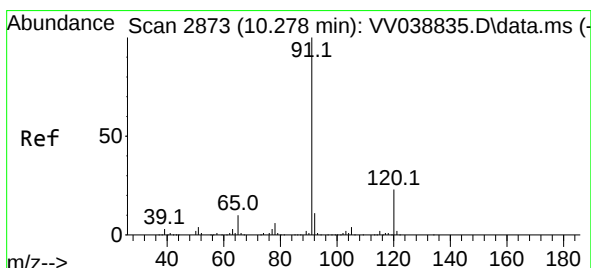
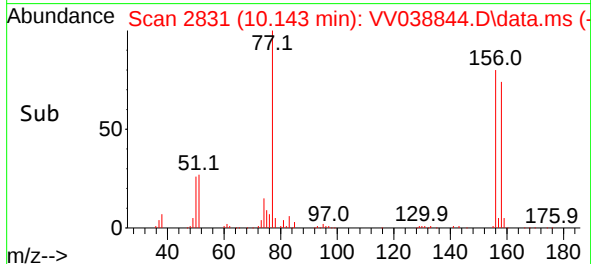
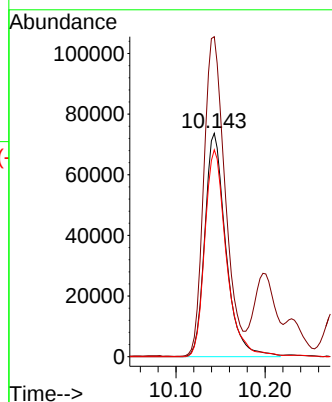
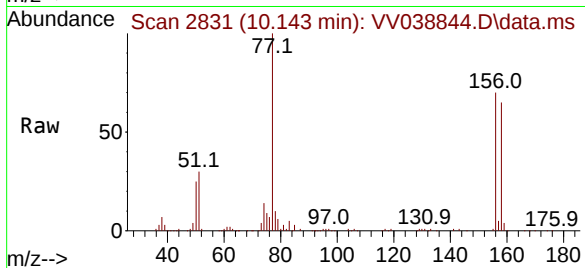
Tgt Ion:156 Resp: 120490

Ion Ratio Lower Upper

156 100

77 145.5 77.0 230.8

158 95.3 48.8 146.3



#78

n-propylbenzene

Concen: 17.580 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038844.D

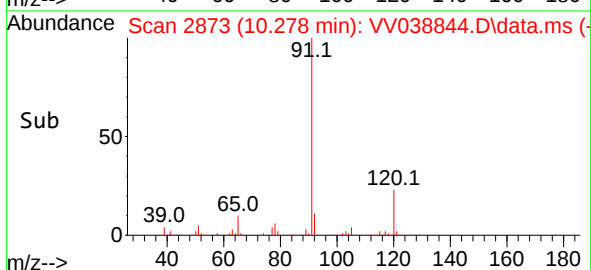
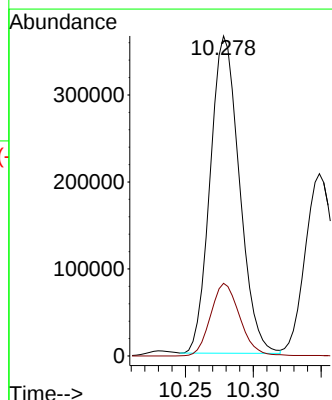
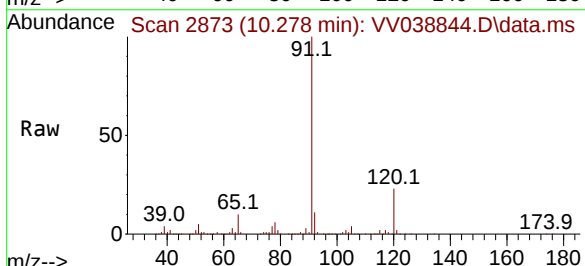
Acq: 02 Jul 2025 16:38

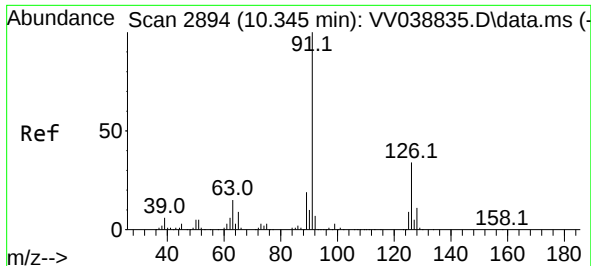
Tgt Ion: 91 Resp: 547049

Ion Ratio Lower Upper

91 100

120 22.9 11.7 35.0

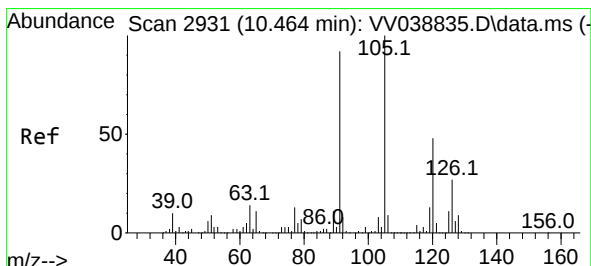
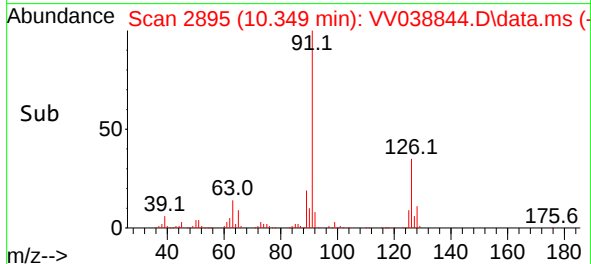
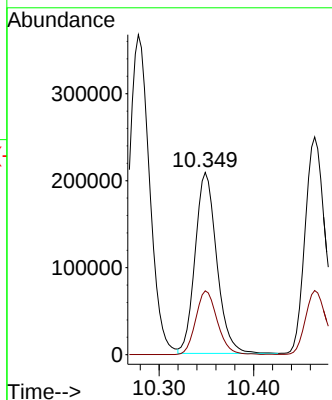
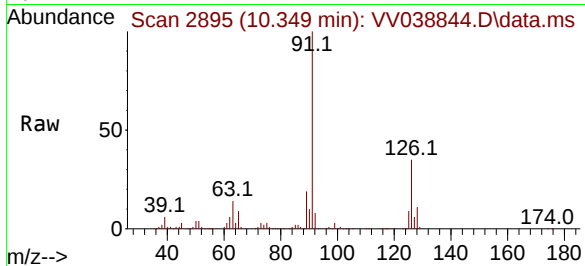




#79
2-Chlorotoluene
Concen: 17.421 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

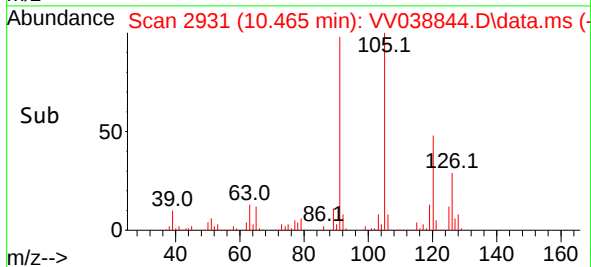
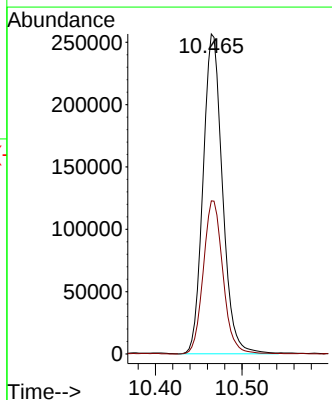
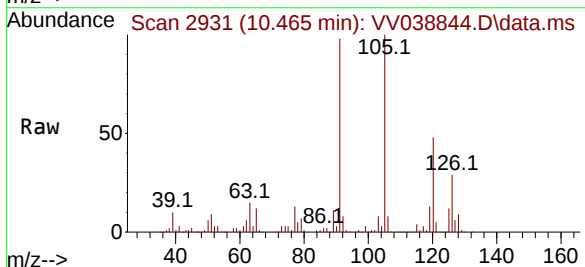
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

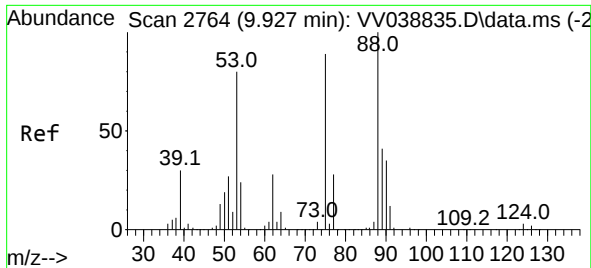
Tgt Ion: 91 Resp: 329209
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 17.846 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:105 Resp: 398985
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

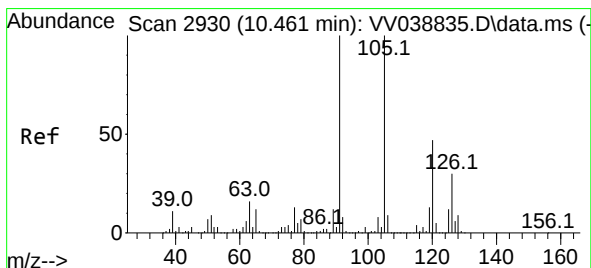
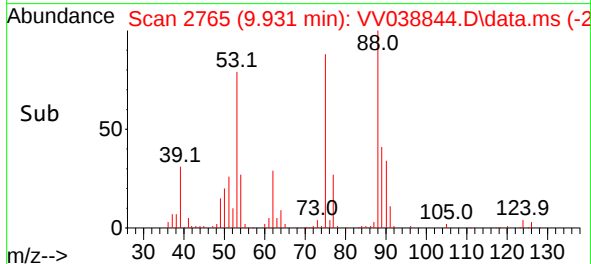
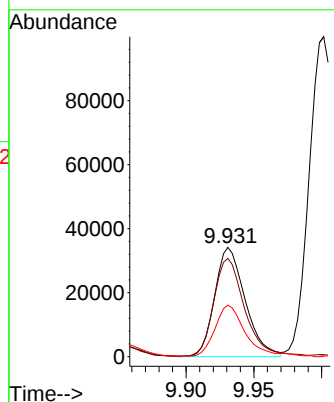
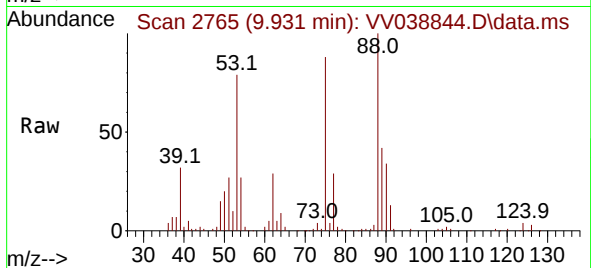




#81
trans-1,4-Dichloro-2-butene
Concen: 16.476 ug/l
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

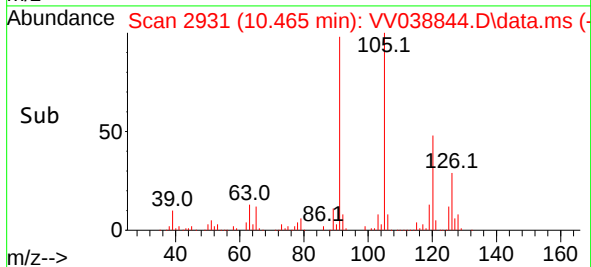
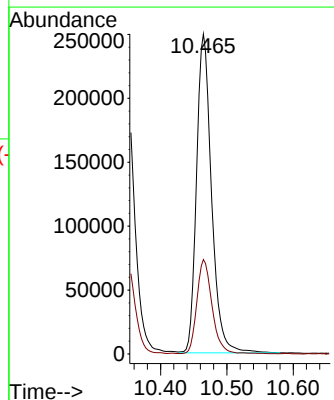
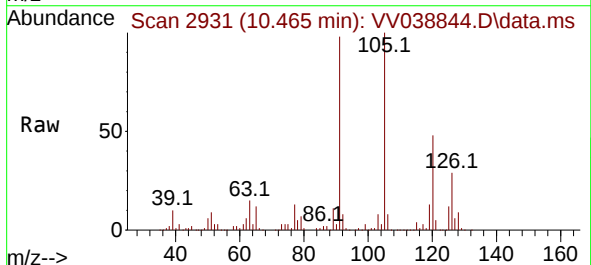
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

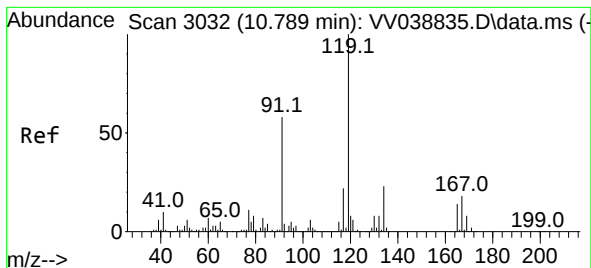
Tgt Ion: 75 Resp: 53356
Ion Ratio Lower Upper
75 100
53 90.4 71.2 106.8
89 47.7 44.6 66.8



#82
4-Chlorotoluene
Concen: 17.969 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 91 Resp: 391470
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 16.752 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

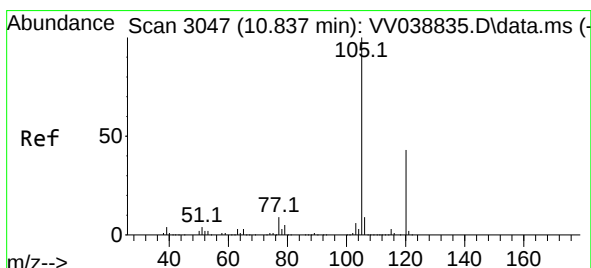
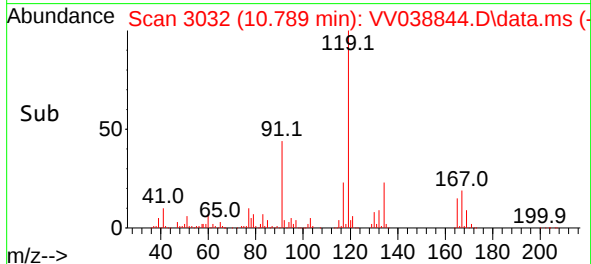
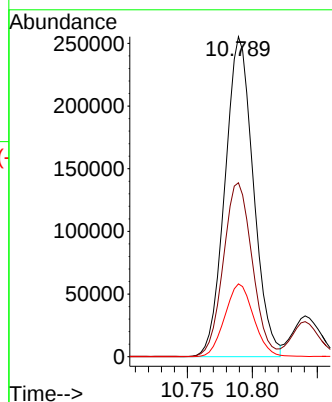
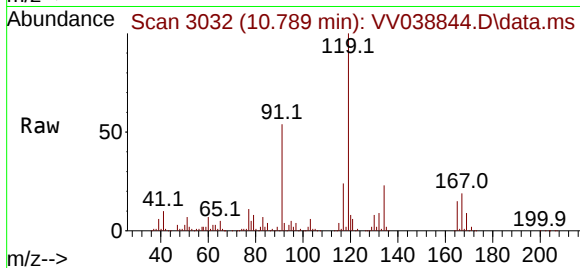
Tgt Ion:119 Resp: 388438

Ion Ratio Lower Upper

119 100

91 55.0 28.5 85.5

134 23.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 17.596 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038844.D

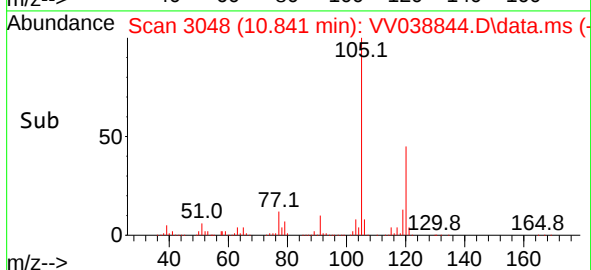
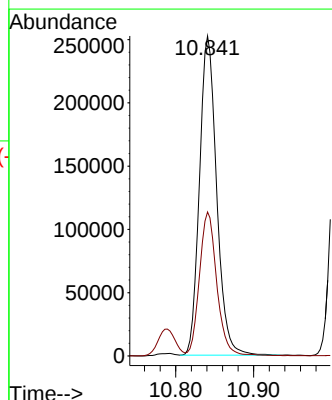
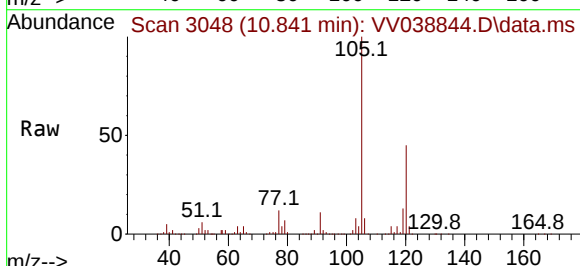
Acq: 02 Jul 2025 16:38

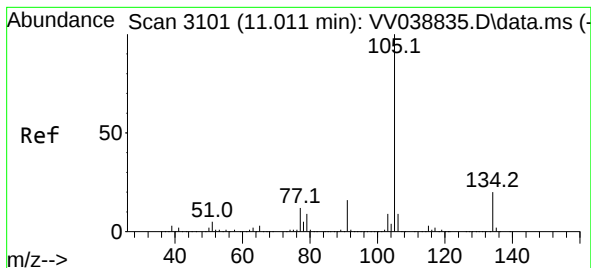
Tgt Ion:105 Resp: 385579

Ion Ratio Lower Upper

105 100

120 45.8 22.7 68.0





#85

sec-Butylbenzene

Concen: 17.474 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

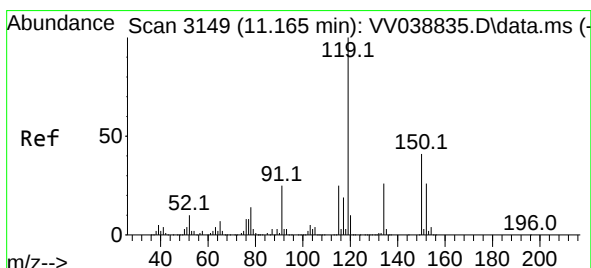
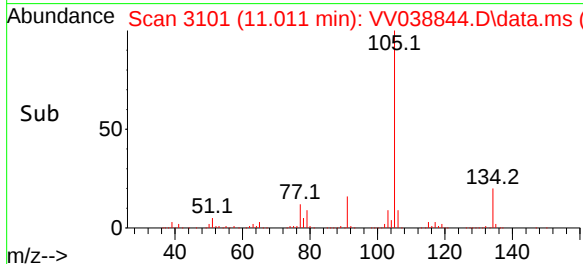
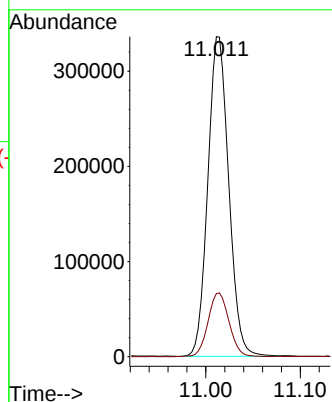
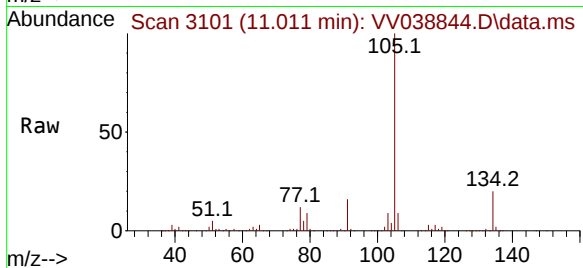
VV0702WBSD01

Tgt Ion:105 Resp: 515829

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 17.209 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

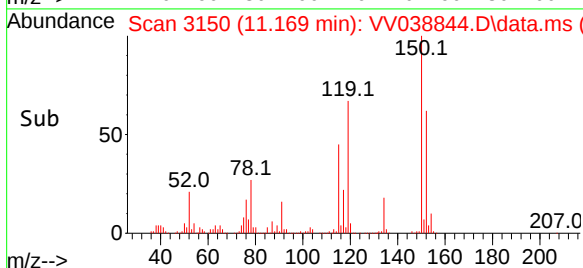
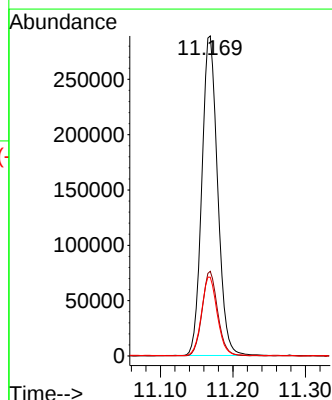
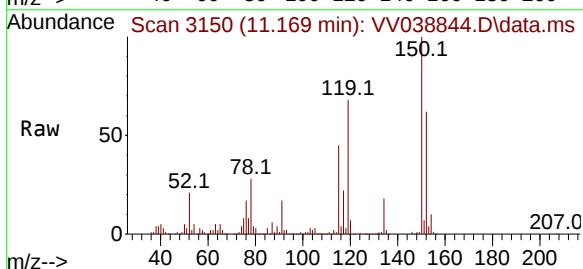
Tgt Ion:119 Resp: 435561

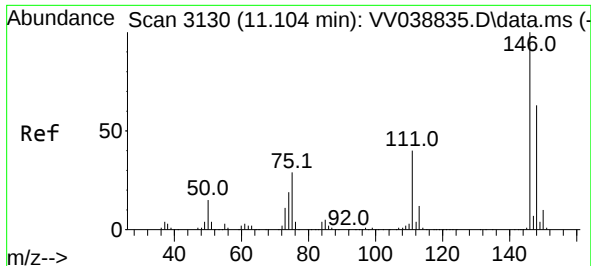
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.6 12.4 37.0

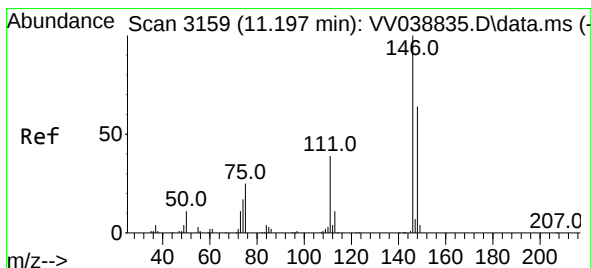
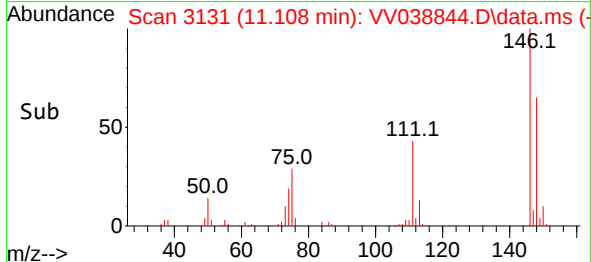
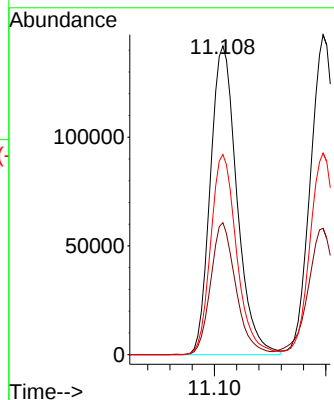
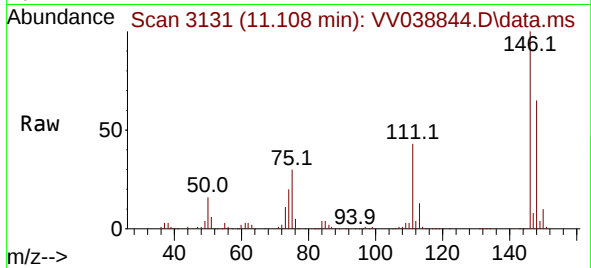




#87
1,3-Dichlorobenzene
Concen: 17.188 ug/l
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

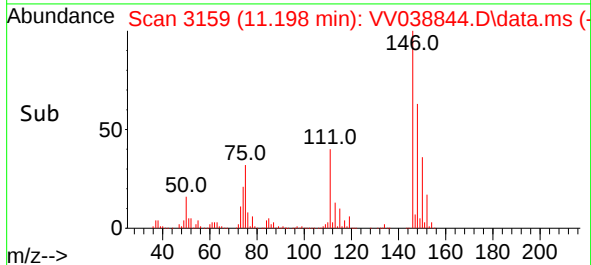
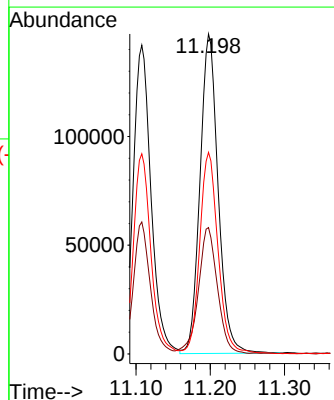
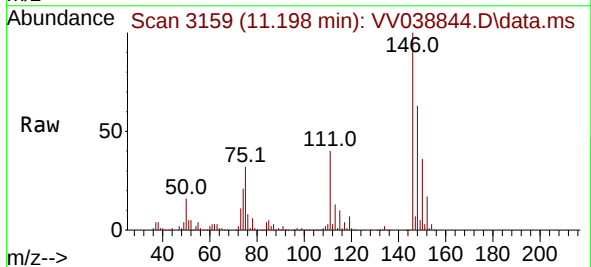
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

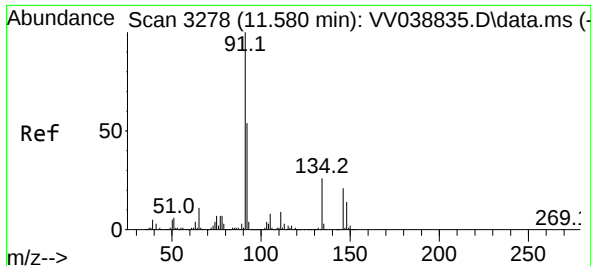
Tgt Ion:146 Resp: 235703
Ion Ratio Lower Upper
146 100
111 40.7 20.2 60.6
148 63.5 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 17.262 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion:146 Resp: 249423
Ion Ratio Lower Upper
146 100
111 41.2 19.8 59.3
148 63.8 32.0 96.2

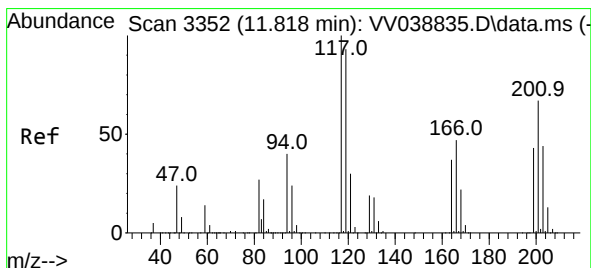
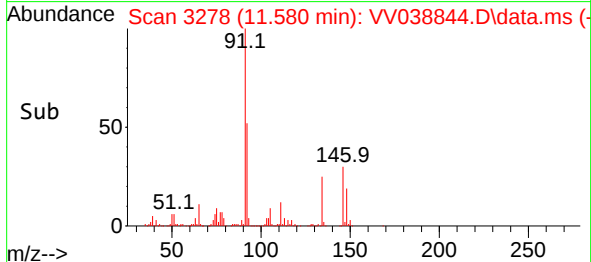
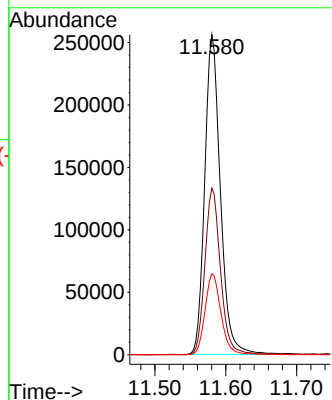
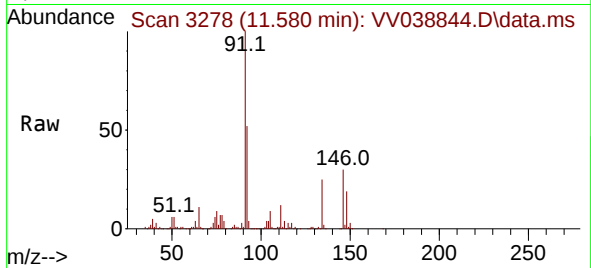




#89
n-Butylbenzene
Concen: 16.798 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

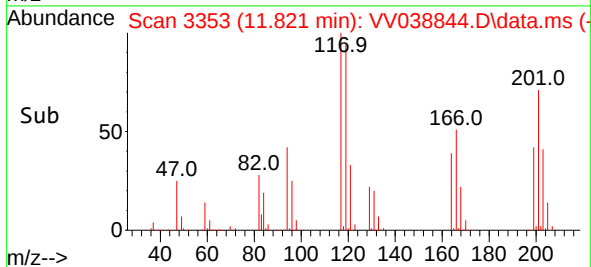
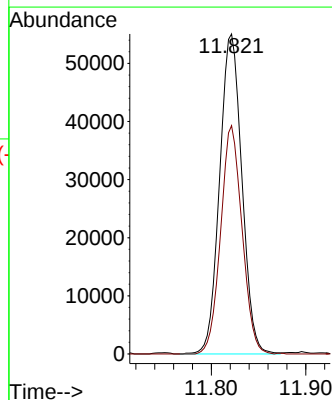
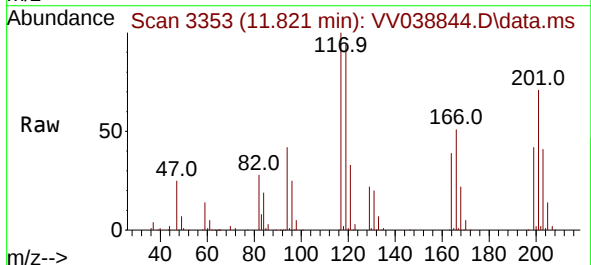
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

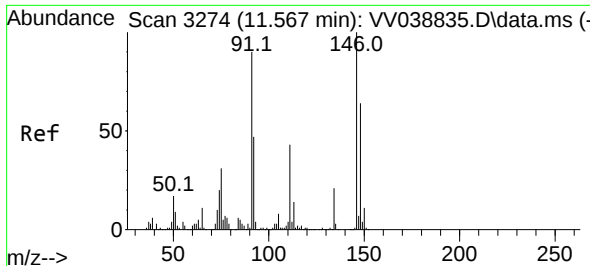
Tgt Ion: 91 Resp: 394021
Ion Ratio Lower Upper
91 100
92 51.7 26.7 80.0
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 16.380 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 117 Resp: 89989
Ion Ratio Lower Upper
117 100
201 68.6 34.4 103.1

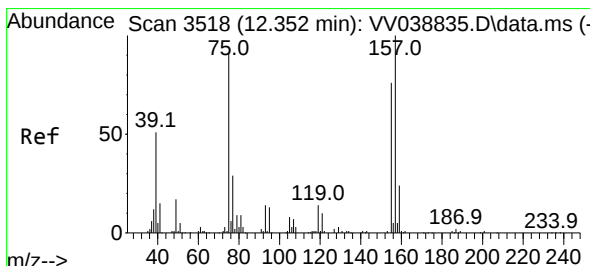
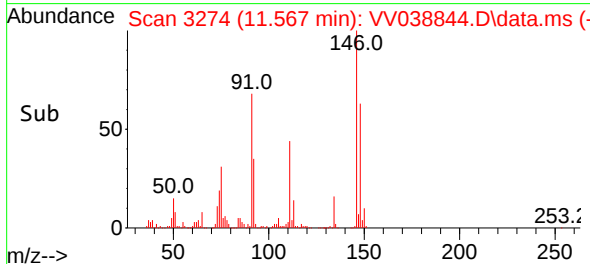
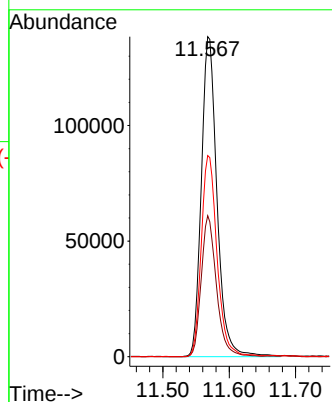
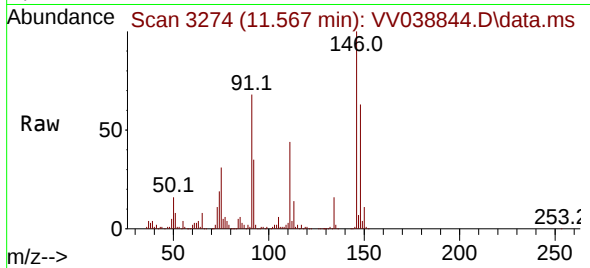




#91
1,2-Dichlorobenzene
Concen: 17.567 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

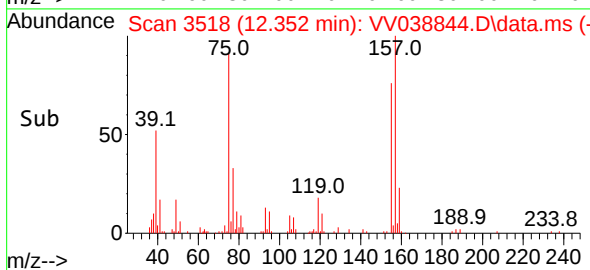
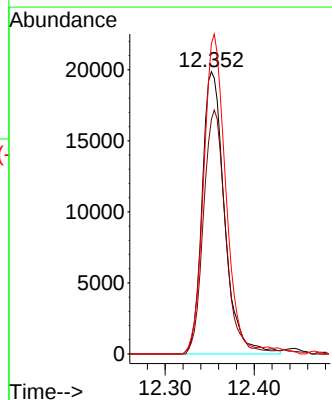
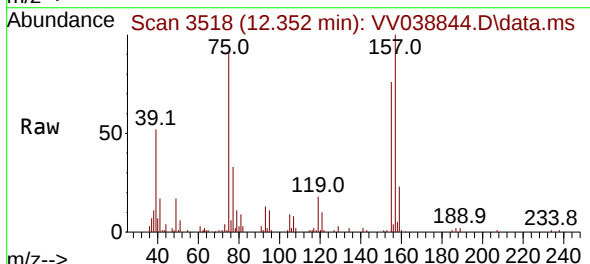
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBSD01

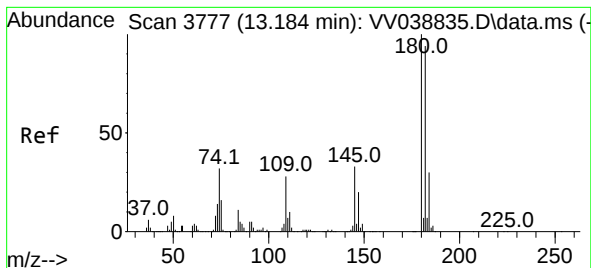
Tgt Ion:146 Resp: 227059
Ion Ratio Lower Upper
146 100
111 42.8 21.3 63.7
148 63.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.270 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.000 min
Lab File: VV038844.D
Acq: 02 Jul 2025 16:38

Tgt Ion: 75 Resp: 34659
Ion Ratio Lower Upper
75 100
155 85.3 43.2 129.6
157 111.3 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 16.710 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

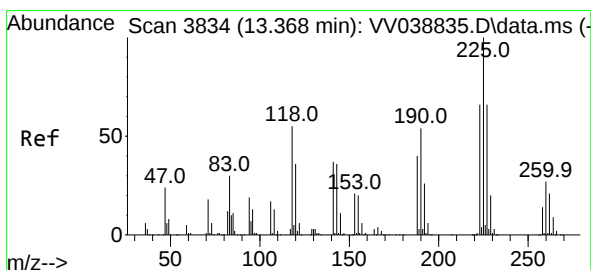
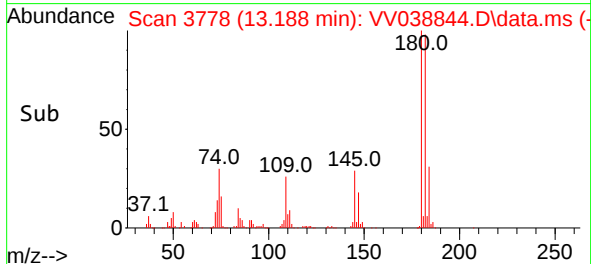
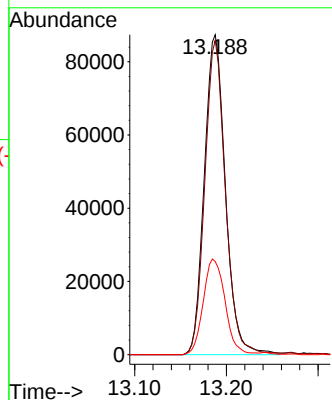
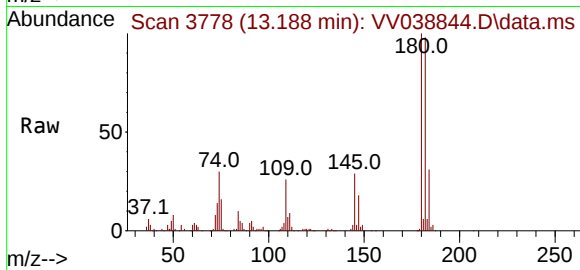
Tgt Ion:180 Resp: 140001

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.8

145 31.0 16.4 49.1



#94

Hexachlorobutadiene

Concen: 16.459 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

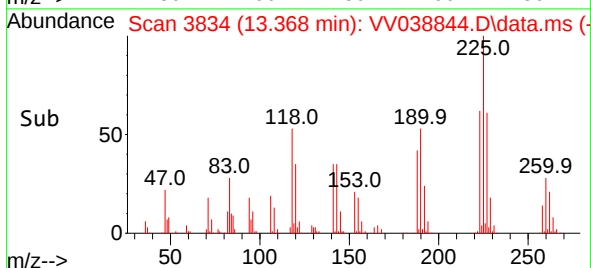
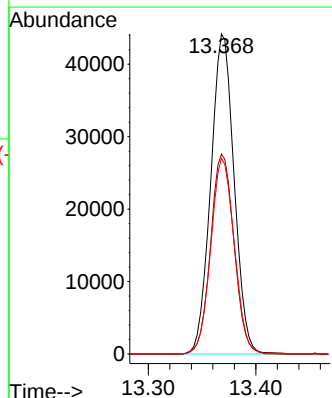
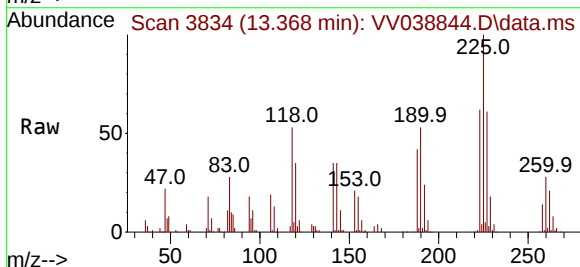
Tgt Ion:225 Resp: 66546

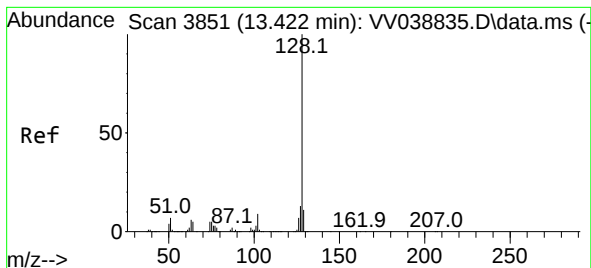
Ion Ratio Lower Upper

225 100

223 62.6 33.2 99.6

227 61.6 32.3 96.8





#95

Naphthalene

Concen: 16.229 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Instrument :

MSVOA_V

ClientSampleId :

VV0702WBSD01

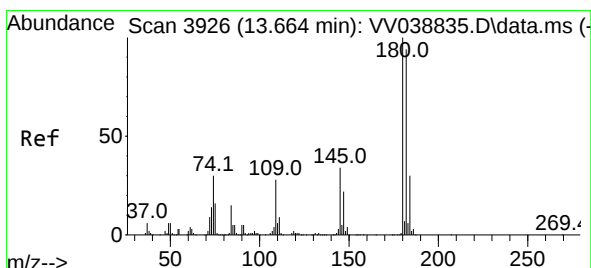
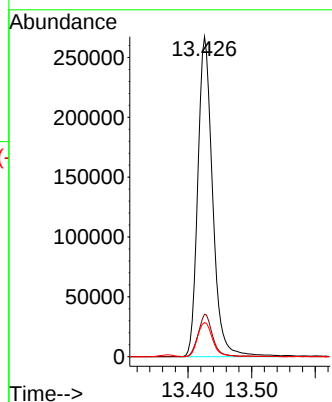
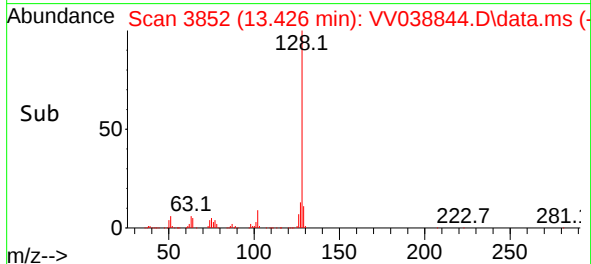
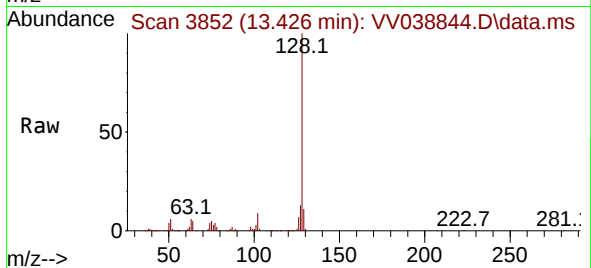
Tgt Ion:128 Resp: 432565

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.636 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV038844.D

Acq: 02 Jul 2025 16:38

Tgt Ion:180 Resp: 143839

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 34.8 17.1 51.2

