

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038985.D
 Acq On : 21 Aug 2025 17:09
 Operator : SY/MD
 Sample : VV0821WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 04:32:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	490499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	863998	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	809489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	439751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	378198	54.950	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 109.900%	
35) Dibromofluoromethane	4.500	113	289989	44.755	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 89.500%	
50) Toluene-d8	7.233	98	1120711	49.601	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	10.001	95	403171	48.777	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 97.560%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	126862	17.302	ug/l	99
3) Chloromethane	1.230	50	119286	15.750	ug/l	100
4) Vinyl Chloride	1.298	62	127570	15.963	ug/l	97
5) Bromomethane	1.497	94	82207	19.034	ug/l	94
6) Chloroethane	1.561	64	78834	19.359	ug/l	95
7) Trichlorofluoromethane	1.725	101	207921	18.992	ug/l	97
8) Diethyl Ether	1.918	74	67135	19.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	112416	18.602	ug/l	98
10) Methyl Iodide	2.195	142	153006	20.351	ug/l	97
11) Tert butyl alcohol	2.561	59	104440	112.116	ug/l	99
12) 1,1-Dichloroethene	2.082	96	106621	19.153	ug/l	98
13) Acrolein	2.011	56	34904	105.069	ug/l	99
14) Allyl chloride	2.355	41	145620	19.592	ug/l	96
15) Acrylonitrile	2.674	53	281151	99.869	ug/l	98
16) Acetone	2.118	43	259902	94.087	ug/l	99
17) Carbon Disulfide	2.253	76	297924	19.242	ug/l	100
18) Methyl Acetate	2.381	43	120330	20.552	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	333812	20.280	ug/l	97
20) Methylene Chloride	2.455	84	120112	18.711	ug/l	95
21) trans-1,2-Dichloroethene	2.703	96	109755	18.929	ug/l	99
22) Diisopropyl ether	3.211	45	305126	18.698	ug/l	91
23) Vinyl Acetate	3.188	43	1225637	93.602	ug/l	97
24) 1,1-Dichloroethane	3.118	63	192803	17.836	ug/l	99
25) 2-Butanone	3.863	43	338988	94.317	ug/l	99
26) 2,2-Dichloropropane	3.812	77	176923	17.061	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	124971	17.858	ug/l	97
28) Bromochloromethane	4.150	49	38443	15.980	ug/l	94
29) Tetrahydrofuran	4.230	42	233606	97.368	ug/l	94
30) Chloroform	4.278	83	223556	18.097	ug/l	100
31) Cyclohexane	4.584	56	175605	18.207	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	204070	17.584	ug/l	97
36) 1,1-Dichloropropene	4.744	75	147297	17.505	ug/l	99
37) Ethyl Acetate	3.976	43	131474	15.992	ug/l	94
38) Carbon Tetrachloride	4.735	117	185761	16.485	ug/l	94
39) Methylcyclohexane	6.047	83	201515	18.742	ug/l	94
40) Benzene	5.008	78	506623	19.222	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	52385	16.909	ug/l	96
42) 1,2-Dichloroethane	5.040	62	177582	18.430	ug/l	100
43) Isopropyl Acetate	5.191	43	246073	19.616	ug/l	96
44) Trichloroethene	5.834	130	129020	18.047	ug/l	96
45) 1,2-Dichloropropane	6.088	63	122779	19.424	ug/l	97
46) Dibromomethane	6.227	93	93037	17.542	ug/l	97
47) Bromodichloromethane	6.426	83	195577	18.119	ug/l	100
48) Methyl methacrylate	6.297	41	111903	19.900	ug/l	94
49) 1,4-Dioxane	6.291	88	41073	436.826	ug/l	98
51) 4-Methyl-2-Pentanone	7.146	43	883916	107.313	ug/l	97
52) Toluene	7.307	92	323065	19.355	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	180247	17.863	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	203555	19.469	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	128045	17.594	ug/l	98
56) Ethyl methacrylate	7.715	69	167296	16.176	ug/l	99
57) 1,3-Dichloropropane	7.934	76	206105	18.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	458173	94.808	ug/l	96
59) 2-Hexanone	8.063	43	638602	82.678	ug/l	98
60) Dibromochloromethane	8.166	129	150787	17.159	ug/l	97
61) 1,2-Dibromoethane	8.275	107	138439	18.335	ug/l	99
64) Tetrachloroethene	7.895	164	112260	18.638	ug/l	99
65) Chlorobenzene	8.805	112	351260	17.997	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	129238	18.446	ug/l	98
67) Ethyl Benzene	8.937	91	568699	19.087	ug/l	99
68) m/p-Xylenes	9.063	106	421252	36.403	ug/l	100
69) o-Xylene	9.468	106	206223	19.553	ug/l	98
70) Styrene	9.487	104	368409	20.360	ug/l	100
71) Bromoform	9.654	173	107247	18.578	ug/l #	99
73) Isopropylbenzene	9.857	105	582248	19.732	ug/l	100
74) N-amyl acetate	9.725	43	213401	19.739	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	209056	17.839	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	153953	18.874	ug/l	98
77) Bromobenzene	10.143	156	144042	18.999	ug/l	99
78) n-propylbenzene	10.278	91	693650	19.688	ug/l	99
79) 2-Chlorotoluene	10.349	91	422932	19.993	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	494427	19.910	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	69104	19.451	ug/l	98
82) 4-Chlorotoluene	10.464	91	484923	19.889	ug/l	100
83) tert-Butylbenzene	10.789	119	478883	19.421	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	485595	20.434	ug/l	99
85) sec-Butylbenzene	11.011	105	630180	19.651	ug/l	99
86) p-Isopropyltoluene	11.169	119	538824	19.952	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	278315	18.590	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	299436	18.750	ug/l	99
89) n-Butylbenzene	11.580	91	483857	18.390	ug/l	99
90) Hexachloroethane	11.821	117	112062	17.955	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	265789	18.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	43564	19.113	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	145129	17.037	ug/l	99
94) Hexachlorobutadiene	13.368	225	71734	16.334	ug/l	98
95) Naphthalene	13.426	128	473656	17.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	158178	18.415	ug/l	97

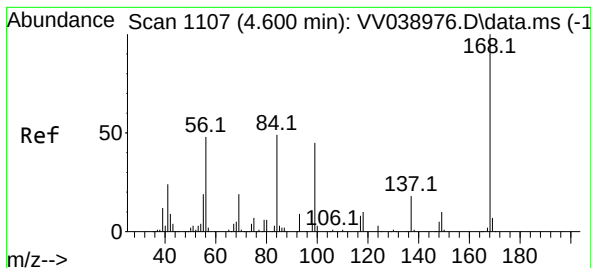
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038985.D

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Instrument :

MSVOA_V

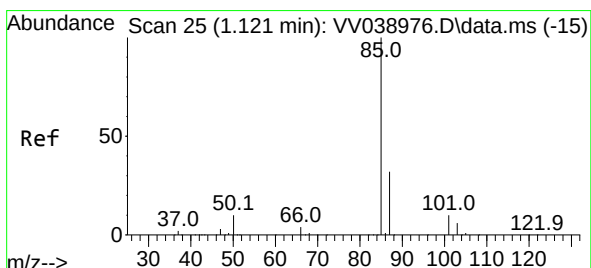
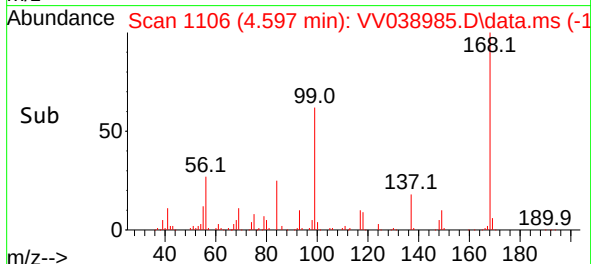
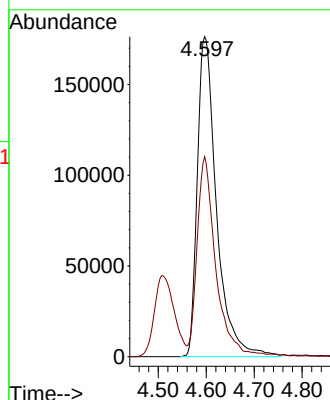
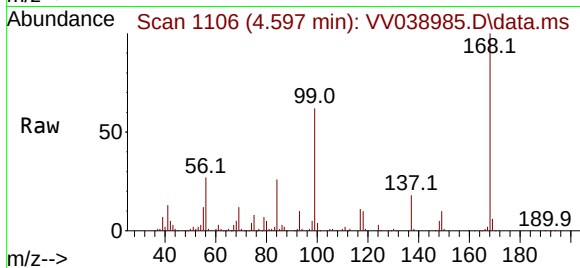
ClientSampleId :

Tgt Ion:168 Resp: 490499

Ion Ratio Lower Upper

168 100

99 62.0 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 17.302 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038985.D

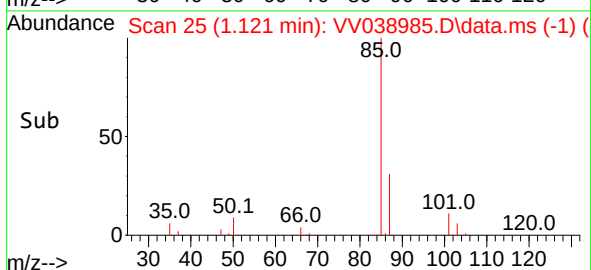
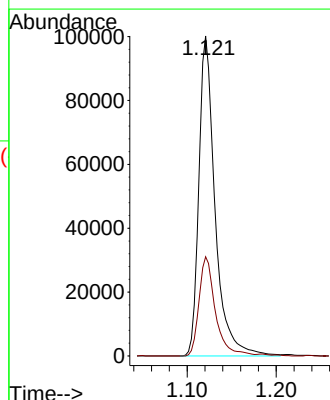
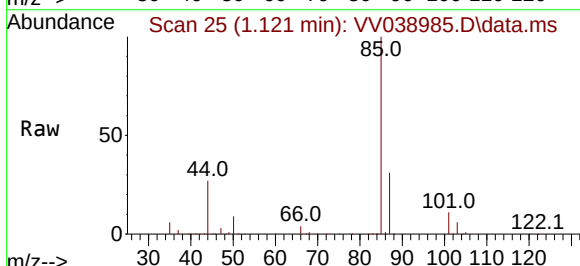
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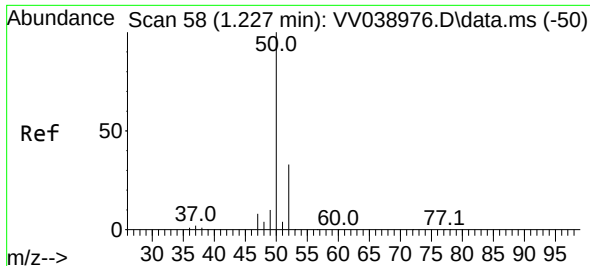
Tgt Ion: 85 Resp: 126862

Ion Ratio Lower Upper

85 100

87 31.0 15.8 47.3

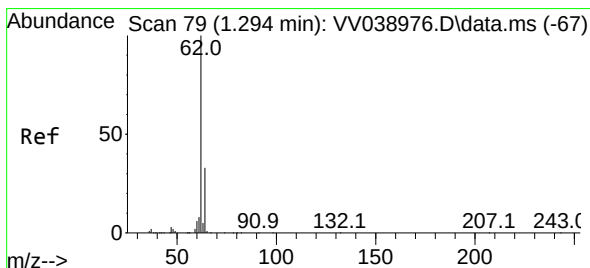
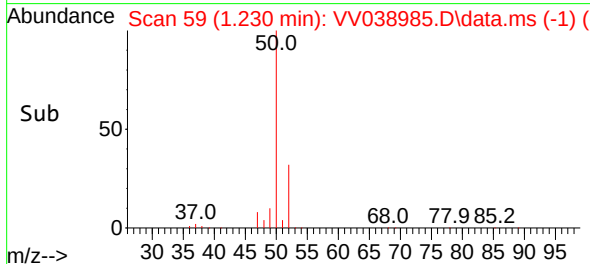
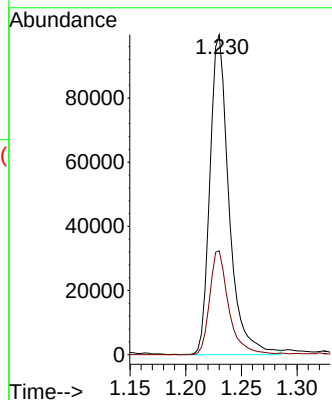
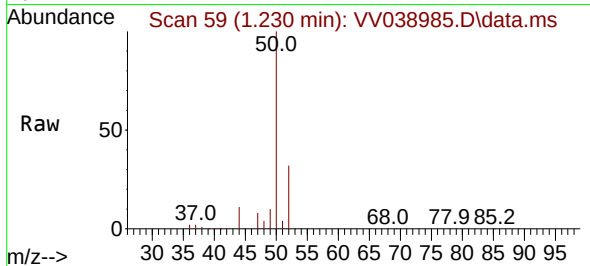




#3
Chloromethane
Concen: 15.750 ug/l
RT: 1.230 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

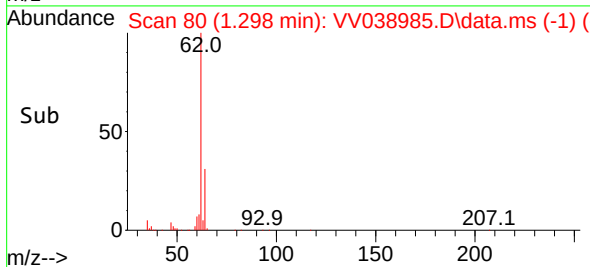
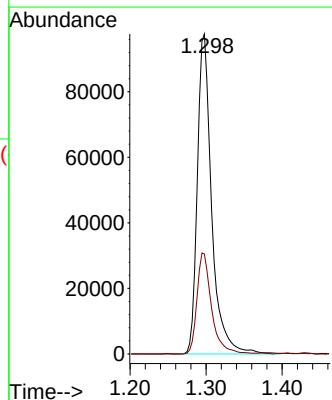
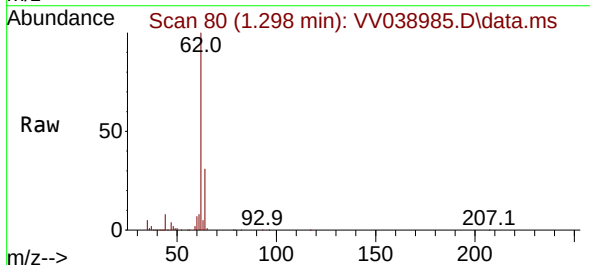
Instrument :
MSVOA_V
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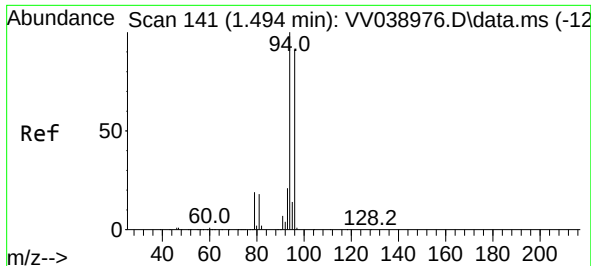
Tgt Ion: 50 Resp: 119286
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2



#4
Vinyl Chloride
Concen: 15.963 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 62 Resp: 127570
Ion Ratio Lower Upper
62 100
64 31.2 26.4 39.6

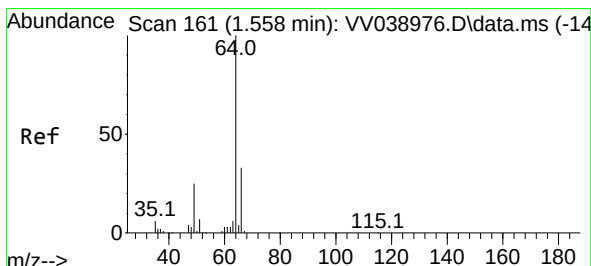
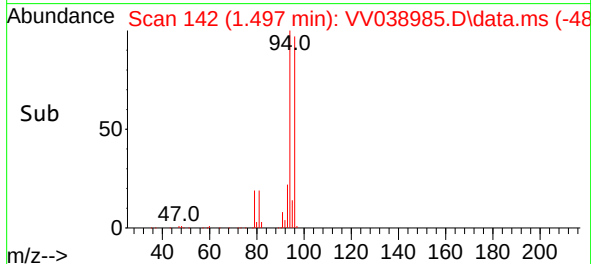
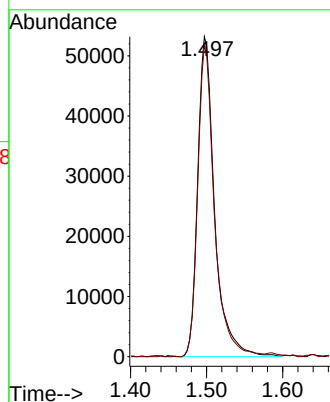
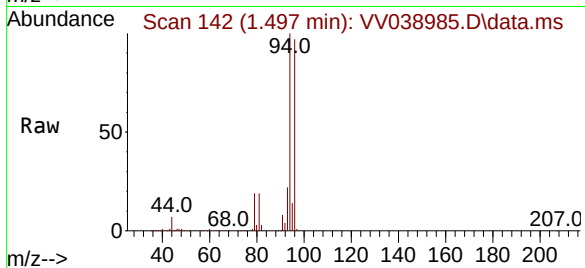




#5
Bromomethane
Concen: 19.034 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

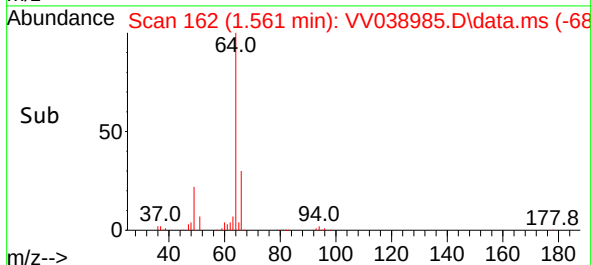
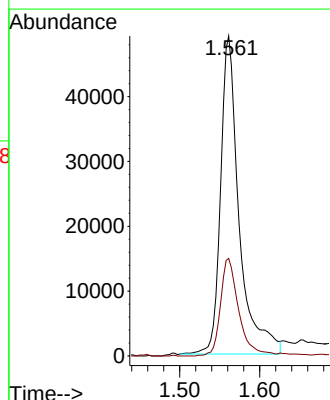
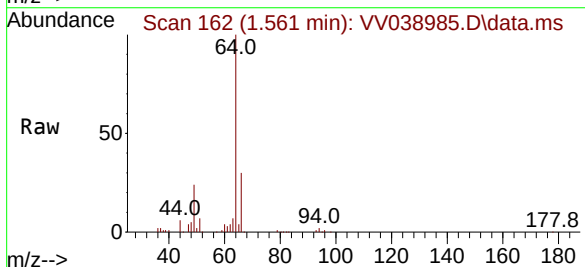
Instrument :
MSVOA_V
ClientSampleId :

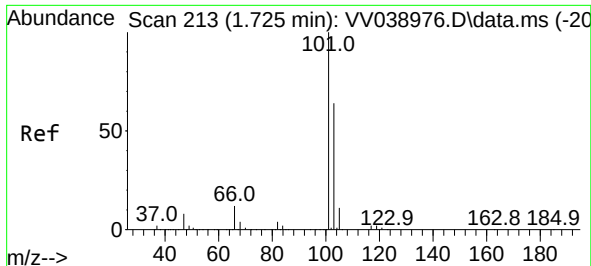
Tgt Ion: 94 Resp: 82207
Ion Ratio Lower Upper
94 100
96 97.2 73.1 109.7



#6
Chloroethane
Concen: 19.359 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

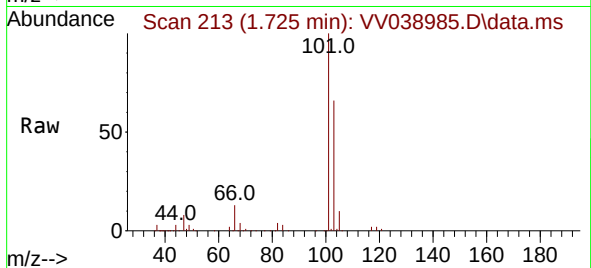
Tgt Ion: 64 Resp: 78834
Ion Ratio Lower Upper
64 100
66 30.7 26.8 40.2



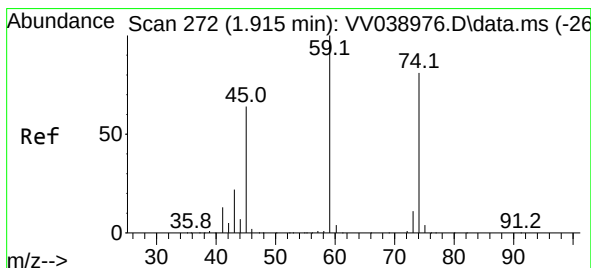
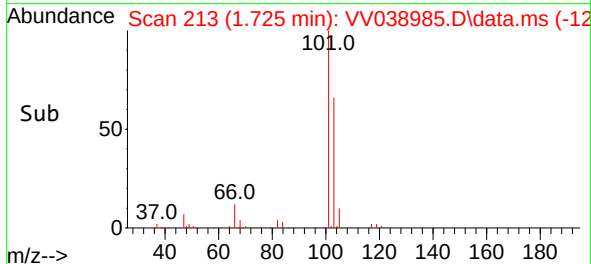
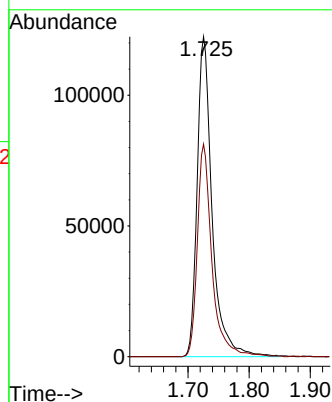


#7
 Trichlorofluoromethane
 Concen: 18.992 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
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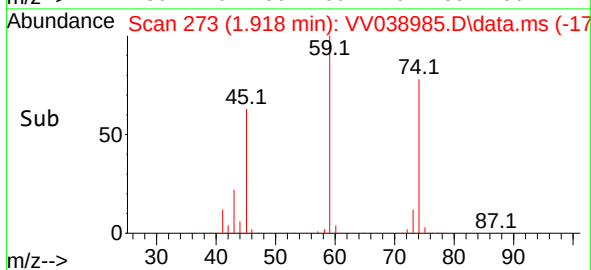
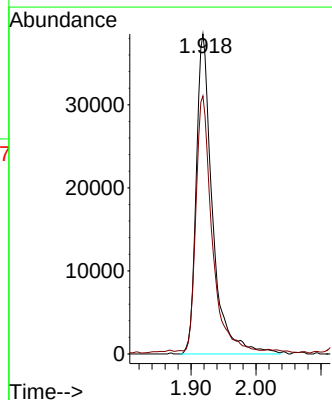
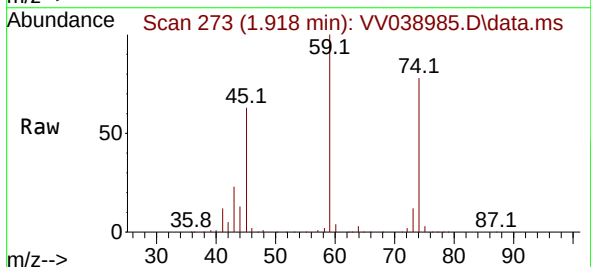


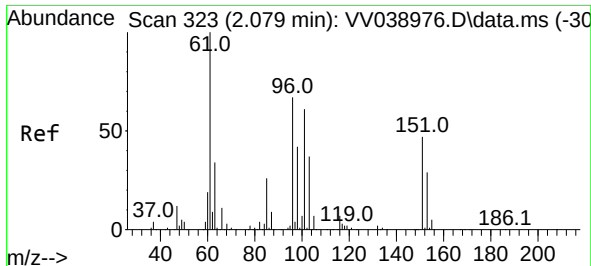
Tgt Ion:101 Resp: 207921
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 19.941 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

Tgt Ion: 74 Resp: 67135
 Ion Ratio Lower Upper
 74 100
 45 78.6 39.8 119.4

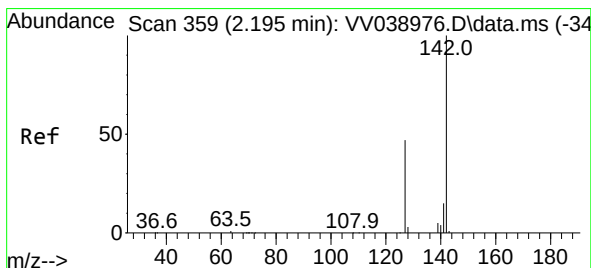
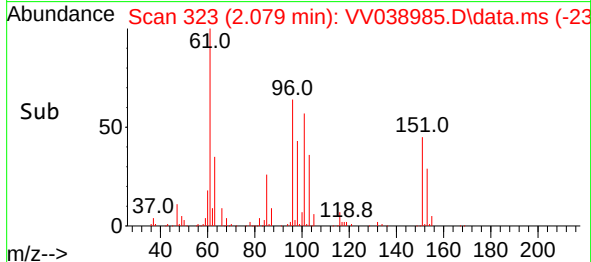
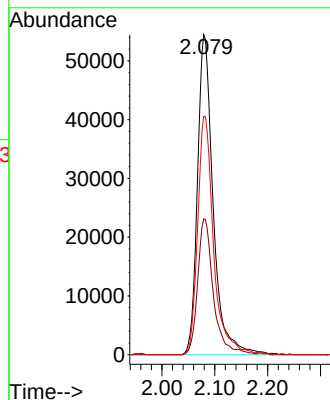
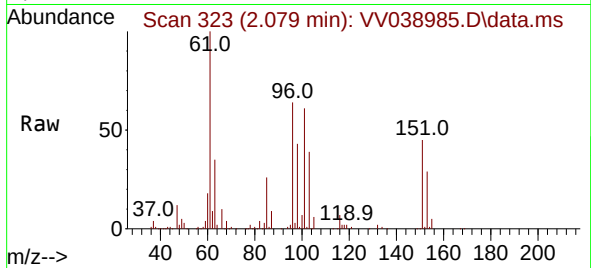




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.602 ug/l
RT: 2.079 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV038985.D
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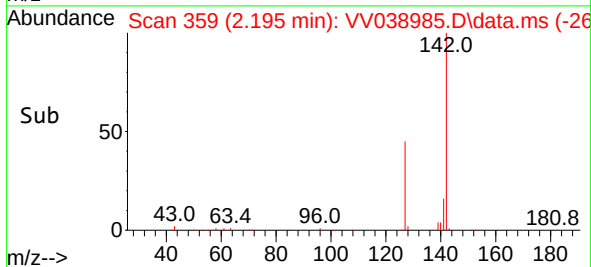
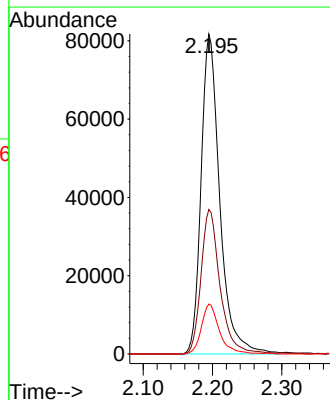
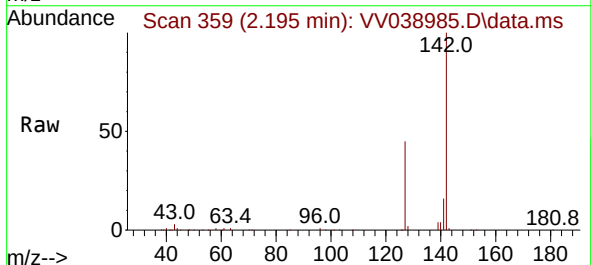
Instrument :
MSVOA_V
ClientSampleId :

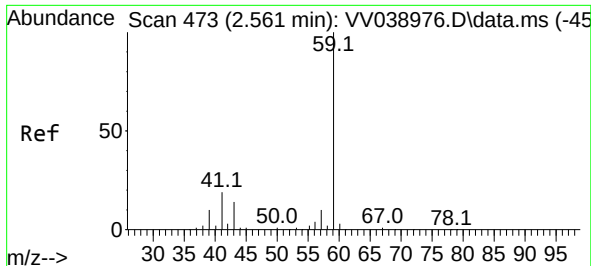
Tgt Ion:101 Resp: 112416
Ion Ratio Lower Upper
101 100
85 42.6 34.6 51.8
151 75.7 62.1 93.1



#10
Methyl Iodide
Concen: 20.351 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion:142 Resp: 153006
Ion Ratio Lower Upper
142 100
127 46.0 38.6 57.8
141 15.0 11.4 17.2

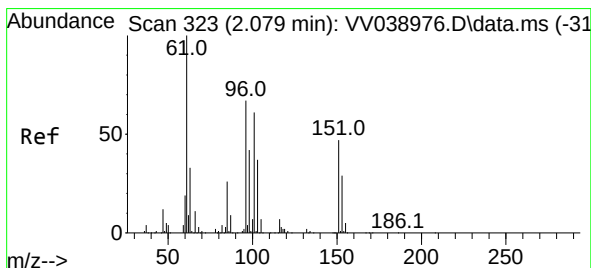
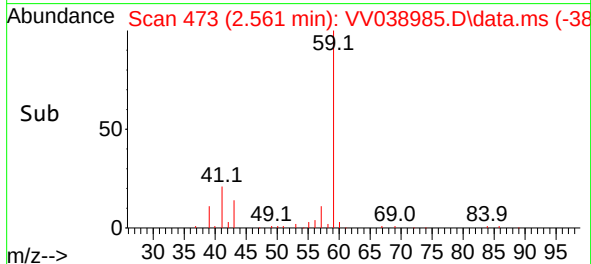
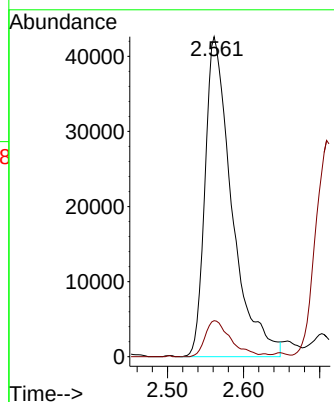
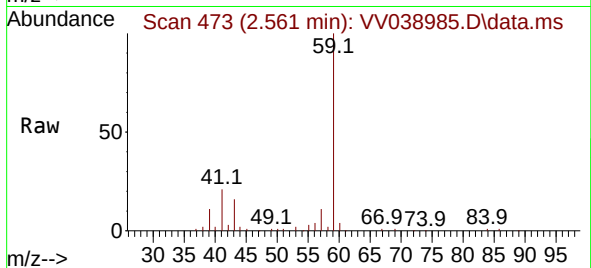




#11
Tert butyl alcohol
Concen: 112.116 ug/l
RT: 2.561 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

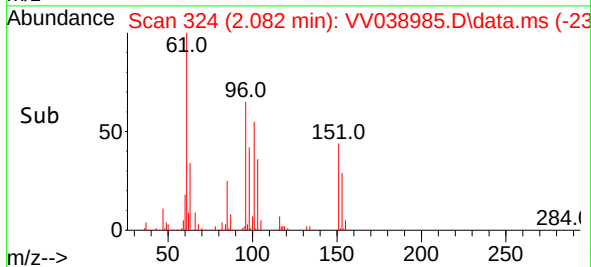
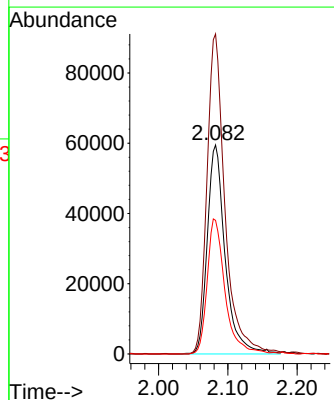
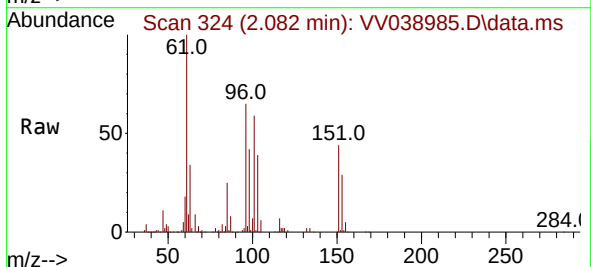
Instrument :
MSVOA_V
ClientSampleId :

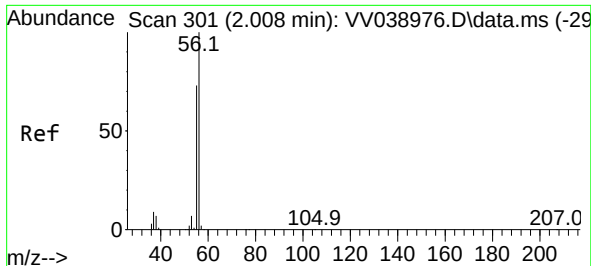
Tgt Ion: 59 Resp: 104440
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 19.153 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 96 Resp: 106621
Ion Ratio Lower Upper
96 100
61 153.1 119.8 179.8
98 63.9 50.2 75.2

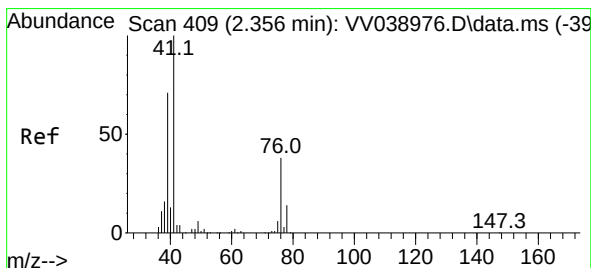
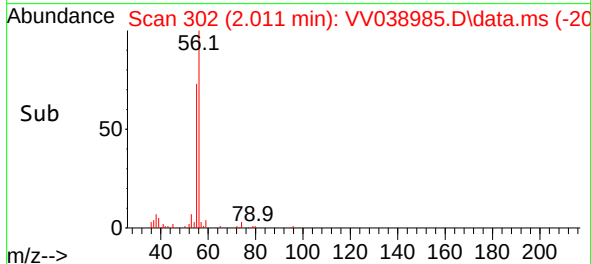
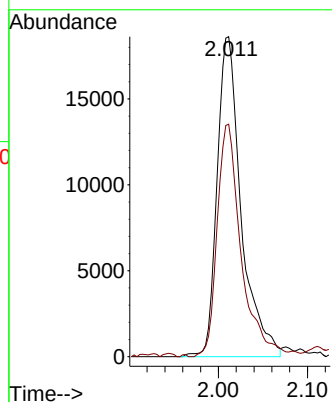
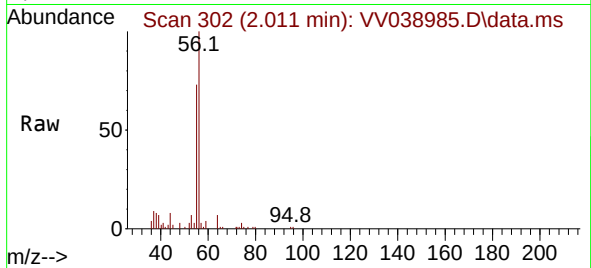




#13
Acrolein
Concen: 105.069 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

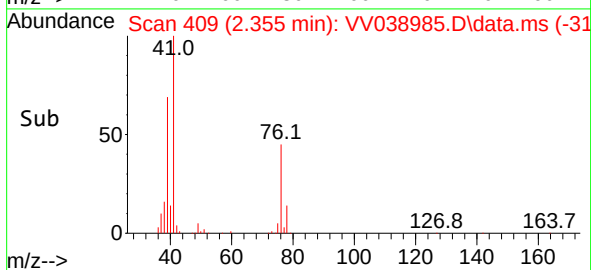
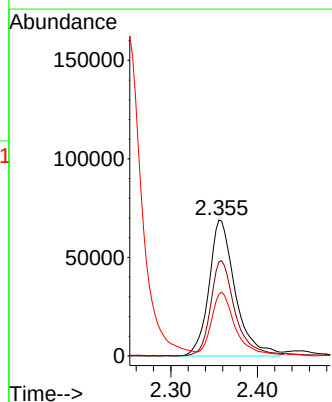
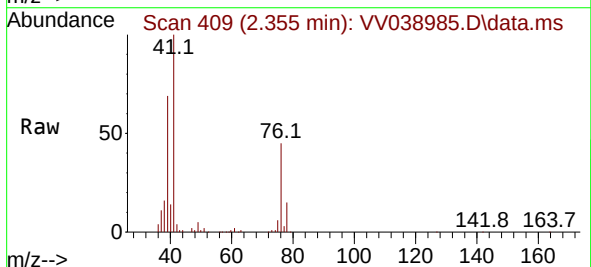
Instrument :
MSVOA_V
ClientSampleId :

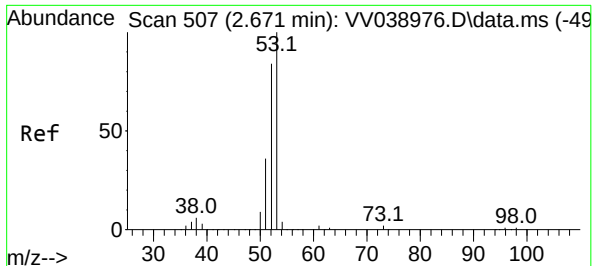
Tgt Ion: 56 Resp: 34904
Ion Ratio Lower Upper
56 100
55 72.3 58.8 88.2



#14
Allyl chloride
Concen: 19.592 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 41 Resp: 145620
Ion Ratio Lower Upper
41 100
39 67.2 55.0 82.4
76 40.3 35.6 53.4

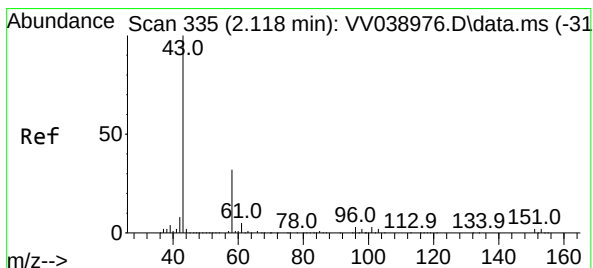
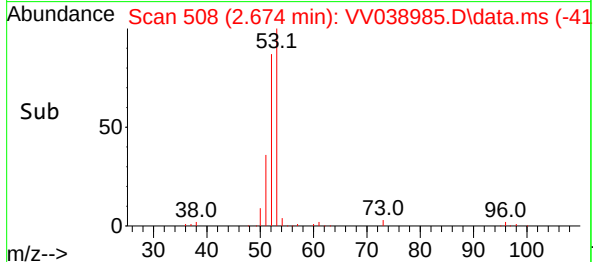
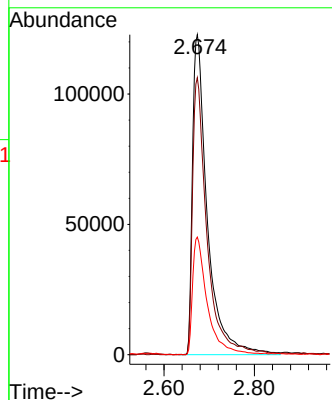
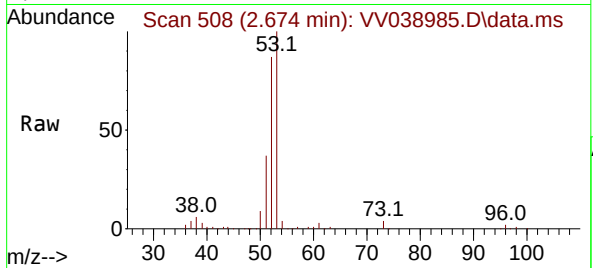




#15
Acrylonitrile
Concen: 99.869 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

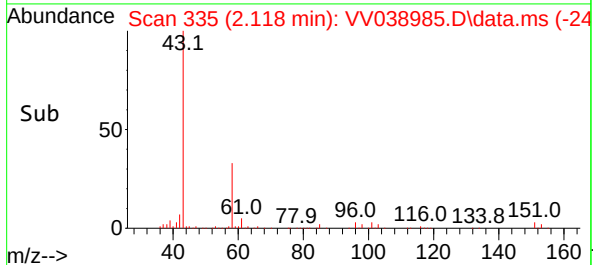
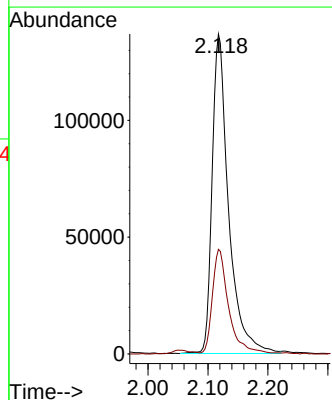
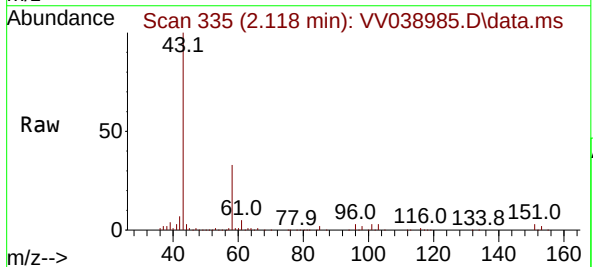
Instrument :
MSVOA_V
ClientSampleId :

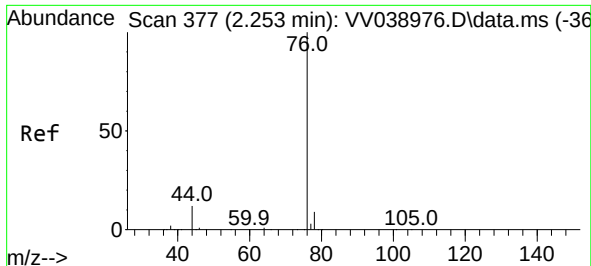
Tgt Ion: 53 Resp: 281151
Ion Ratio Lower Upper
53 100
52 81.0 66.2 99.4
51 36.4 28.5 42.7



#16
Acetone
Concen: 94.087 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 43 Resp: 259902
Ion Ratio Lower Upper
43 100
58 32.4 26.3 39.5

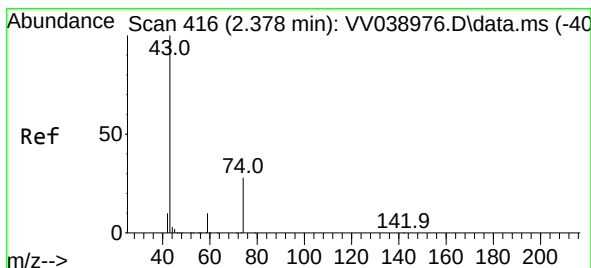
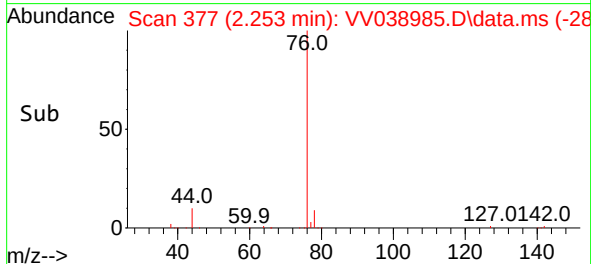
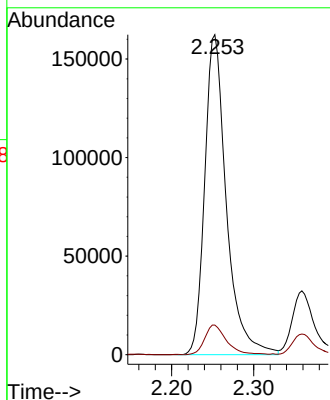
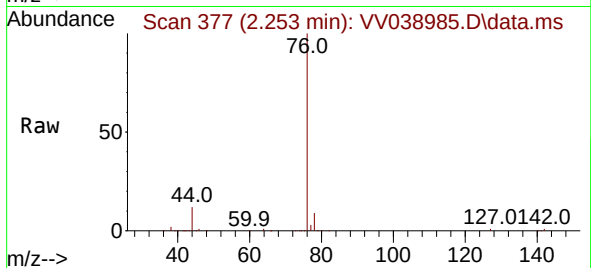




#17
Carbon Disulfide
Concen: 19.242 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

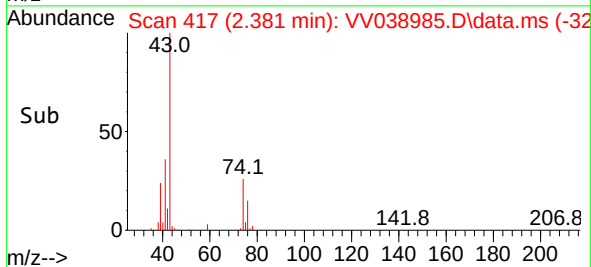
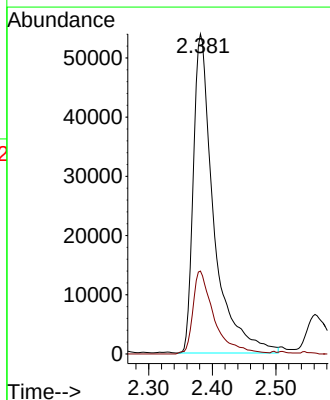
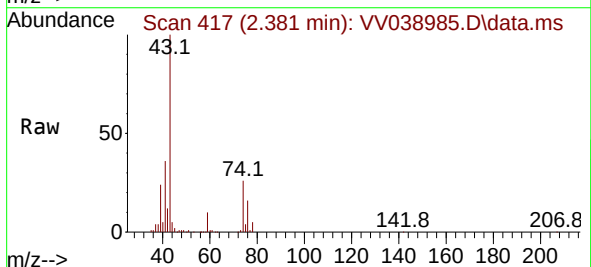
Instrument :
MSVOA_V
ClientSampleId :

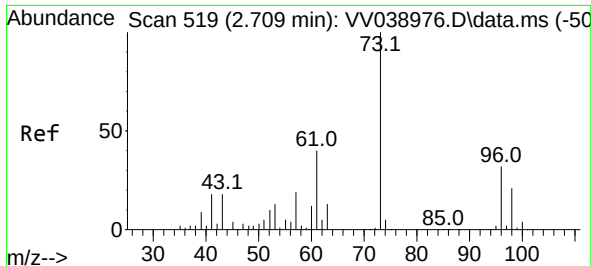
Tgt Ion: 76 Resp: 297924
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 20.552 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 43 Resp: 120330
Ion Ratio Lower Upper
43 100
74 26.9 23.5 35.3

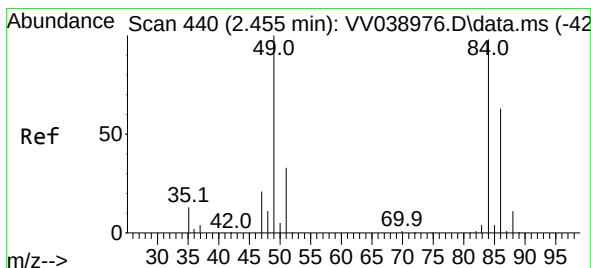
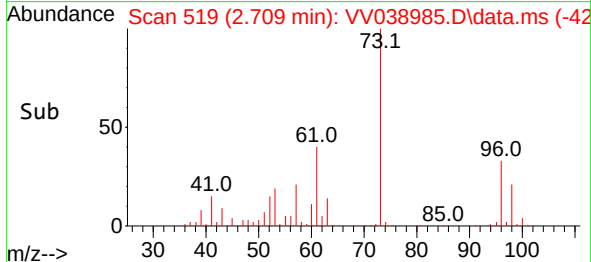
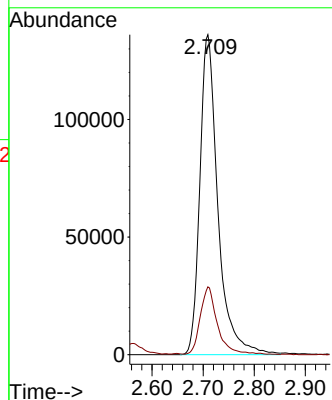
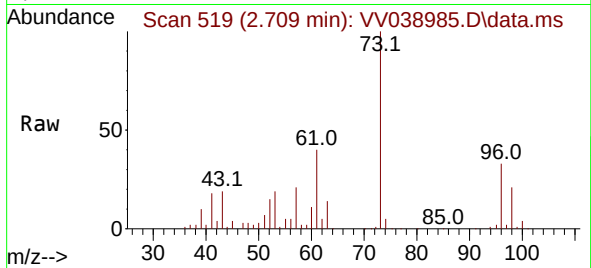




#19
Methyl tert-butyl Ether
Concen: 20.280 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

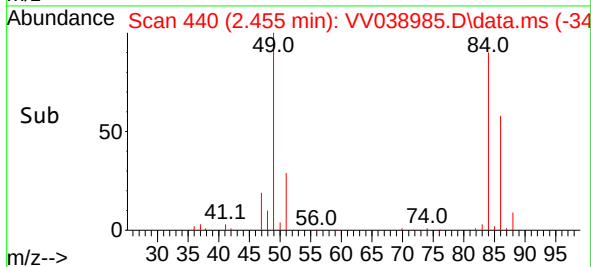
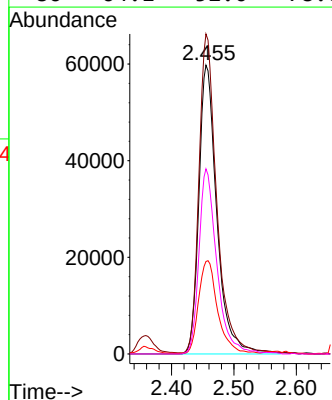
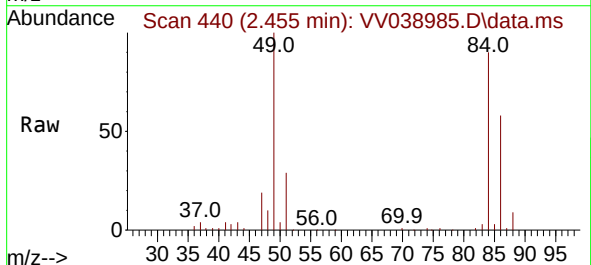
Instrument :
MSVOA_V
ClientSampleId :

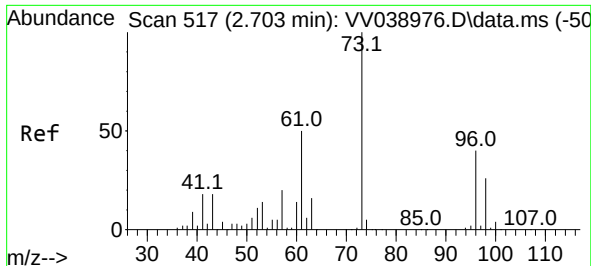
Tgt Ion: 73 Resp: 333812
Ion Ratio Lower Upper
73 100
57 21.1 15.7 23.5



#20
Methylene Chloride
Concen: 18.711 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 84 Resp: 120112
Ion Ratio Lower Upper
84 100
49 110.4 81.9 122.9
51 31.7 26.9 40.3
86 64.1 52.0 78.0

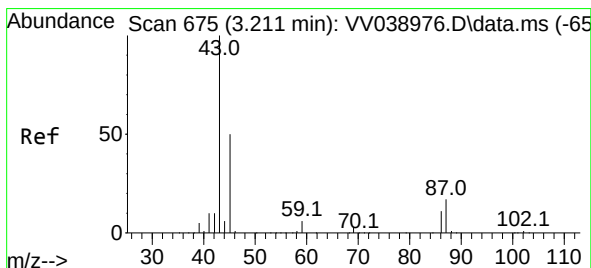
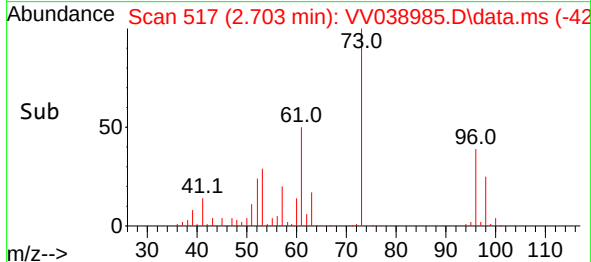
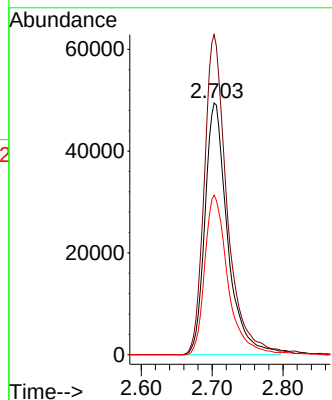
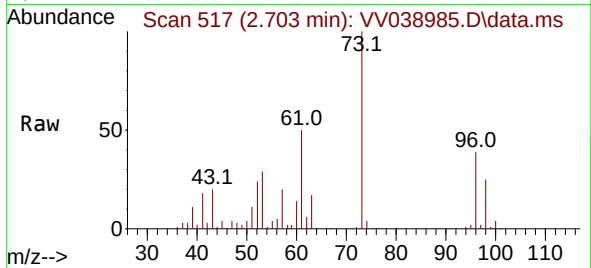




#21
trans-1,2-Dichloroethene
Concen: 18.929 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

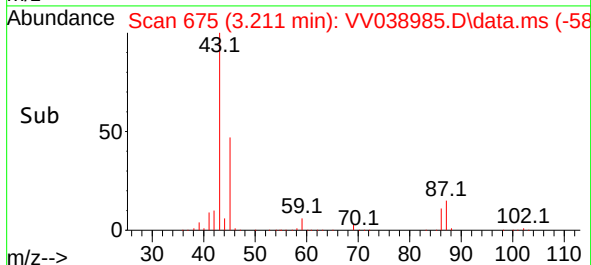
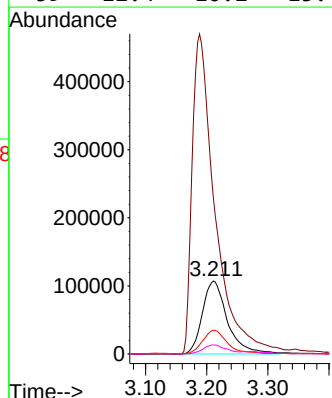
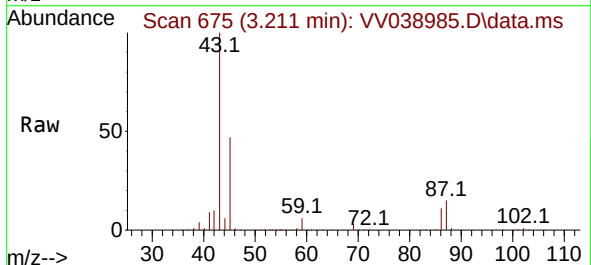
Instrument :
MSVOA_V
ClientSampleId :

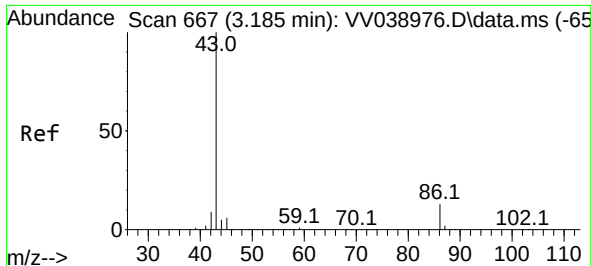
Tgt Ion: 96 Resp: 109755
Ion Ratio Lower Upper
96 100
61 127.1 100.6 151.0
98 63.4 51.5 77.3



#22
Diisopropyl ether
Concen: 18.698 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 45 Resp: 305126
Ion Ratio Lower Upper
45 100
43 214.6 159.4 239.0
87 32.2 27.5 41.3
59 12.4 10.2 15.4

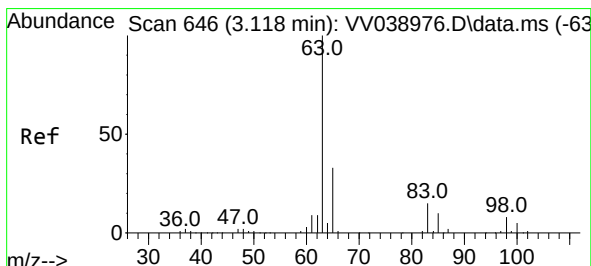
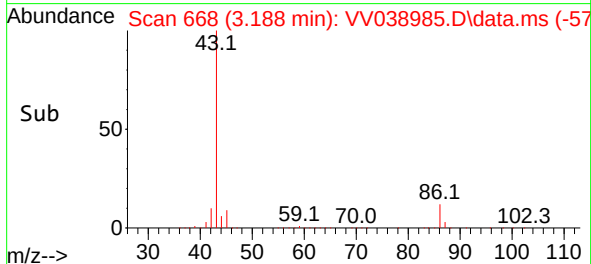
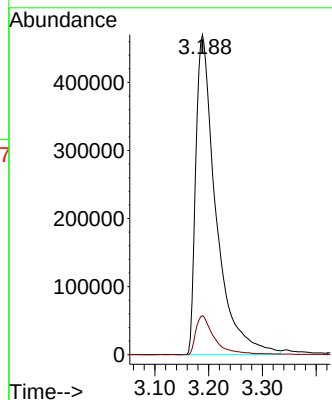
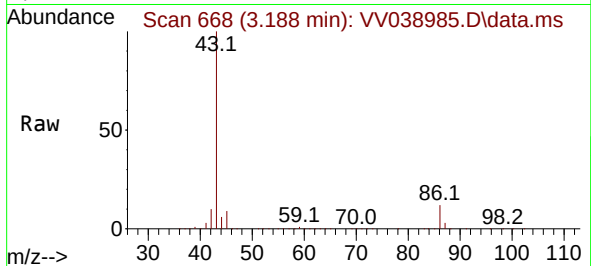




#23
 Vinyl Acetate
 Concen: 93.602 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.003 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

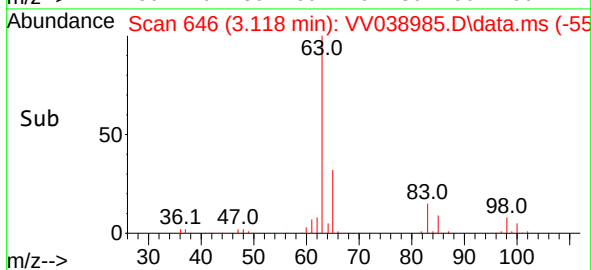
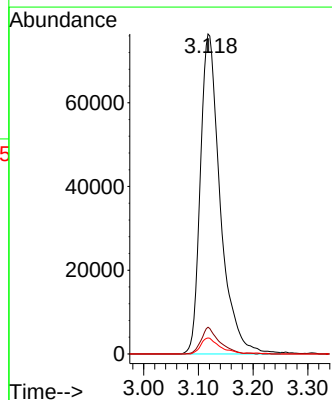
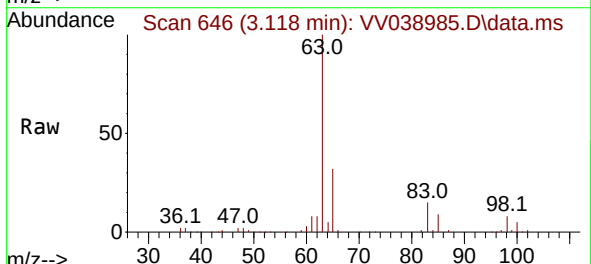
Instrument :
 MSVOA_V
 ClientSampleId :

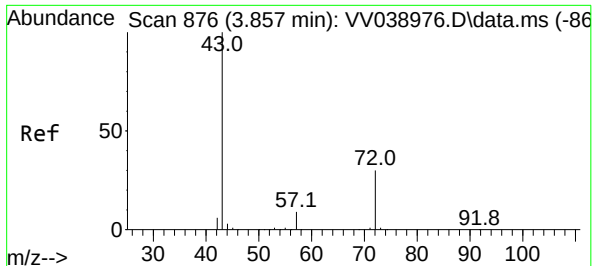
Tgt Ion: 43 Resp: 1225637
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 17.836 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

Tgt Ion: 63 Resp: 192803
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.3 12.8
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 94.317 ug/l

RT: 3.863 min Scan# 81

Delta R.T. 0.006 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

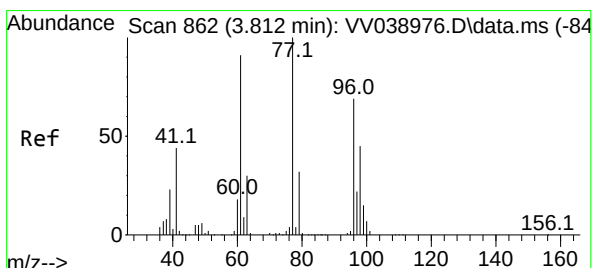
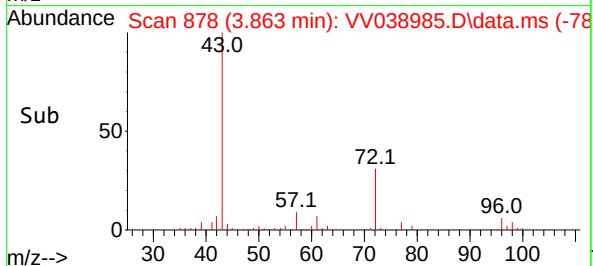
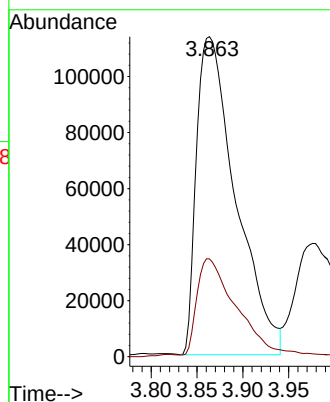
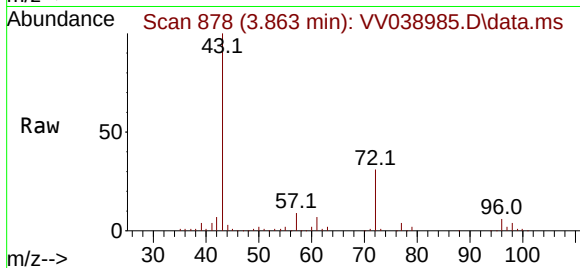
ClientSampleId :

Tgt Ion: 43 Resp: 338988

Ion Ratio Lower Upper

43 100

72 30.2 23.9 35.9



#26

2,2-Dichloropropane

Concen: 17.061 ug/l

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV038985.D

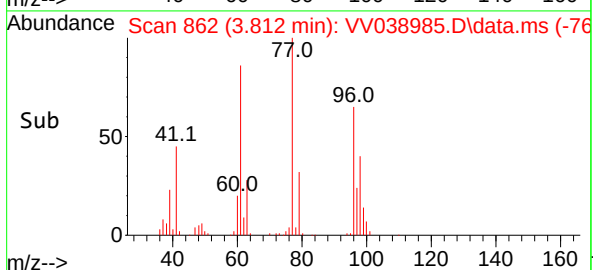
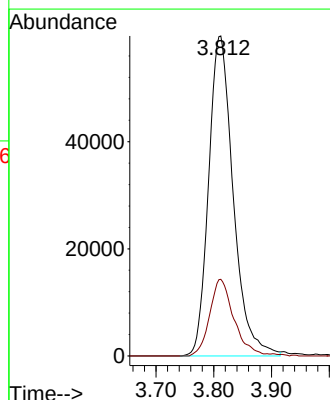
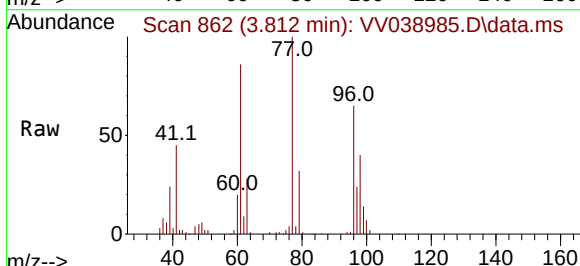
Acq: 21 Aug 2025 17:09

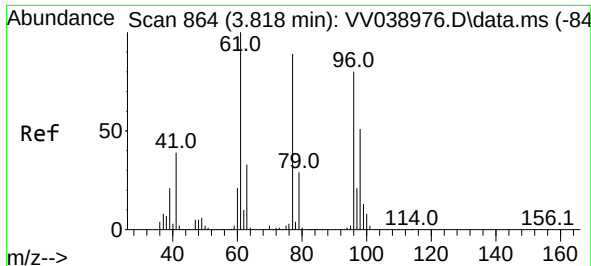
Tgt Ion: 77 Resp: 176923

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 17.858 ug/l

RT: 3.822 min Scan# 865

Delta R.T. 0.004 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

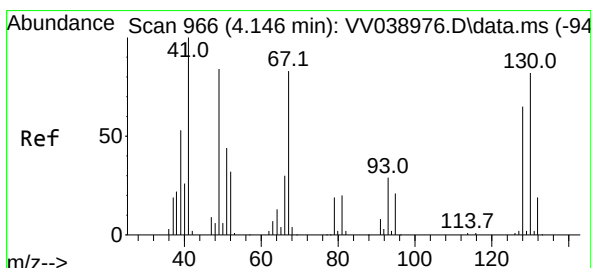
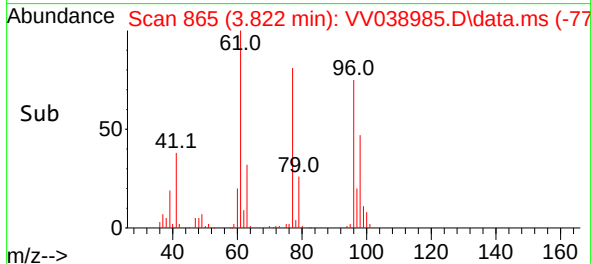
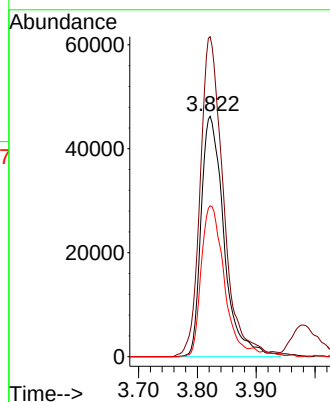
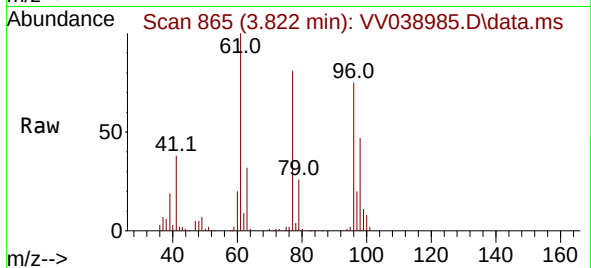
Tgt Ion: 96 Resp: 124971

Ion Ratio Lower Upper

96 100

61 134.6 0.0 264.4

98 61.9 0.0 131.8



#28

Bromochloromethane

Concen: 15.980 ug/l

RT: 4.150 min Scan# 967

Delta R.T. 0.004 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

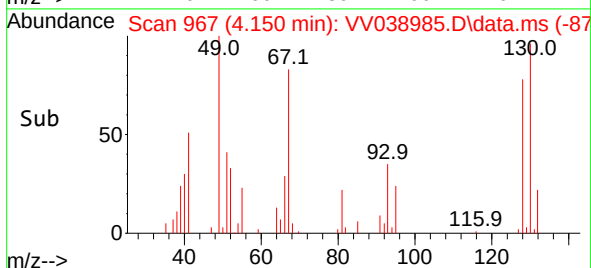
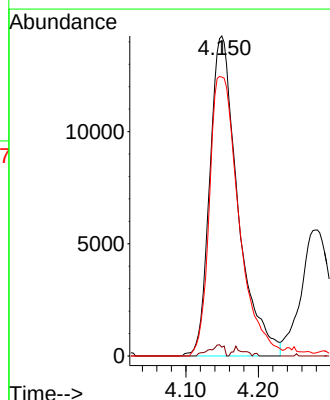
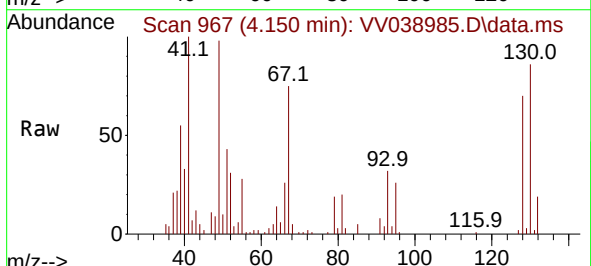
Tgt Ion: 49 Resp: 38443

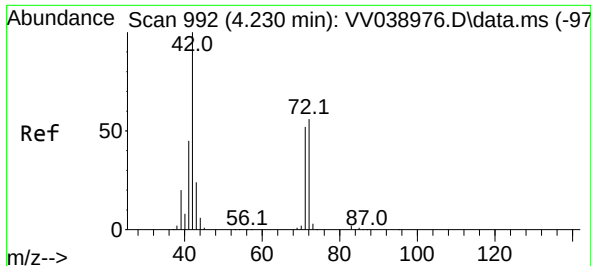
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 91.3 78.2 117.2





#29

Tetrahydrofuran

Concen: 97.368 ug/l

RT: 4.230 min Scan# 992

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

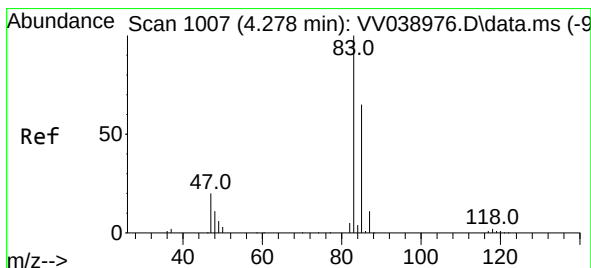
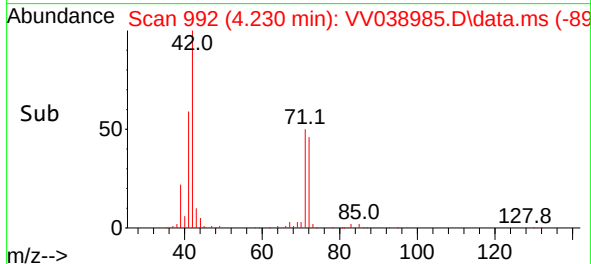
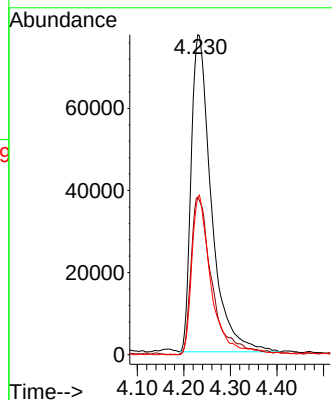
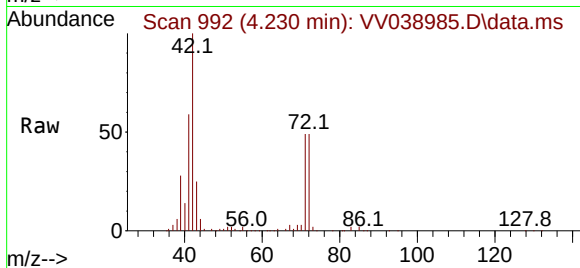
Tgt Ion: 42 Resp: 233606

Ion Ratio Lower Upper

42 100

72 51.4 44.6 66.8

71 48.0 41.6 62.4



#30

Chloroform

Concen: 18.097 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV038985.D

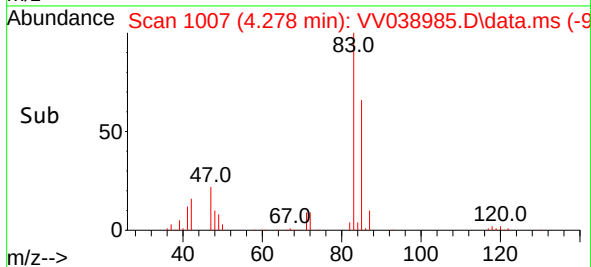
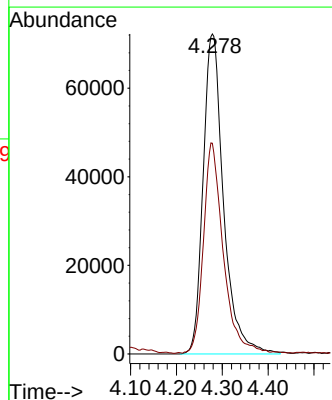
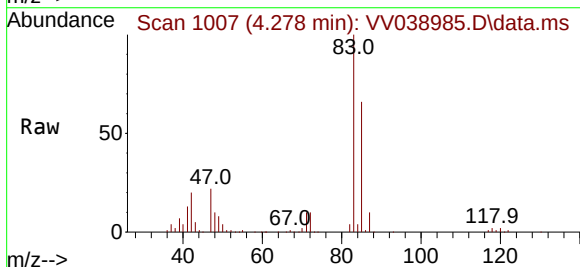
Acq: 21 Aug 2025 17:09

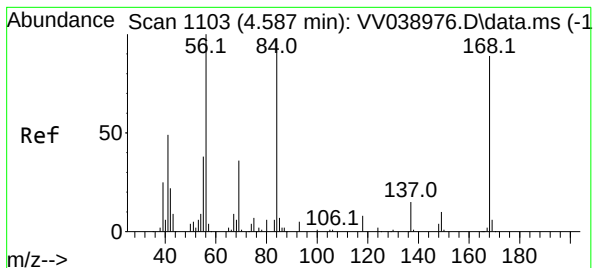
Tgt Ion: 83 Resp: 223556

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.2





#31

Cyclohexane

Concen: 18.207 ug/l

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

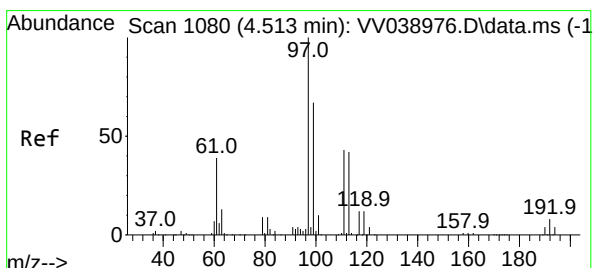
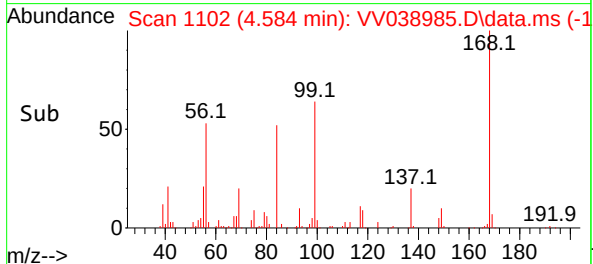
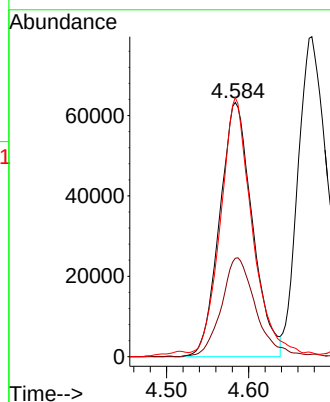
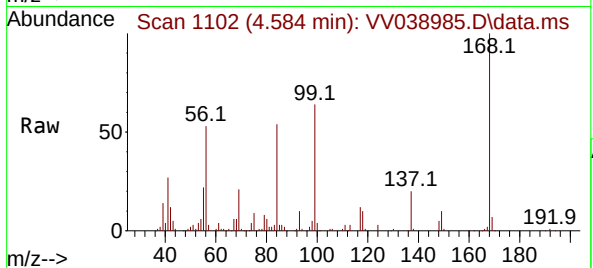
Tgt Ion: 56 Resp: 175605

Ion Ratio Lower Upper

56 100

69 38.7 28.6 42.8

84 99.8 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 17.584 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

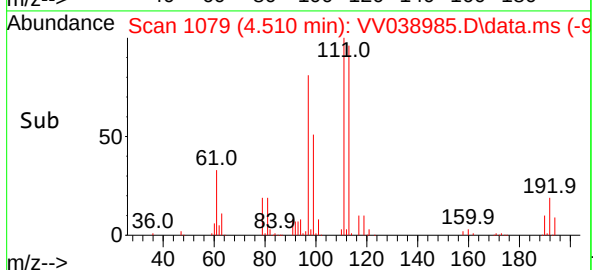
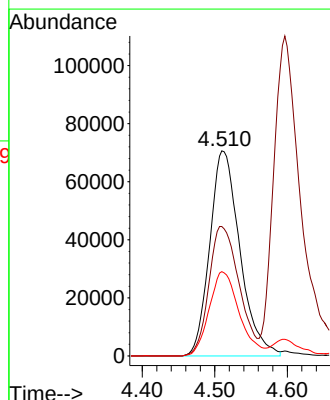
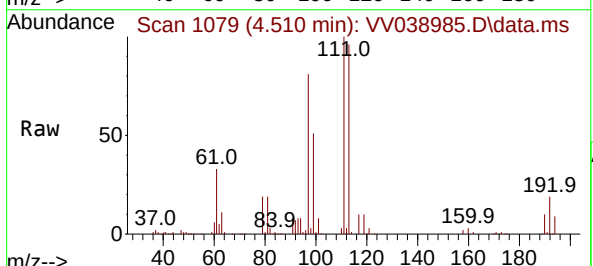
Tgt Ion: 97 Resp: 204070

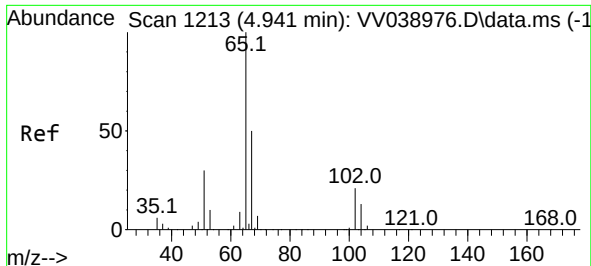
Ion Ratio Lower Upper

97 100

99 63.4 49.5 74.3

61 40.9 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 54.950 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

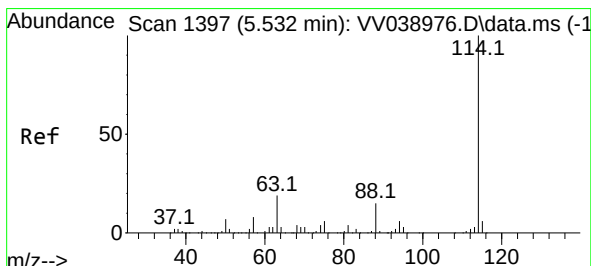
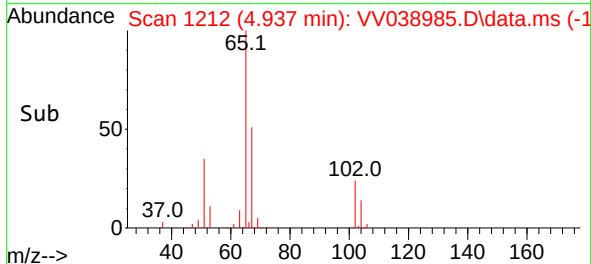
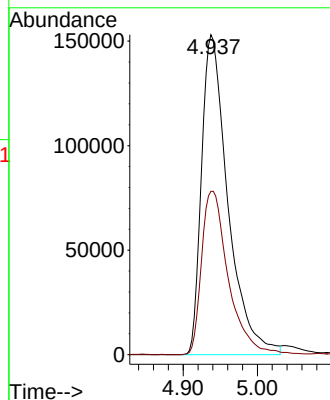
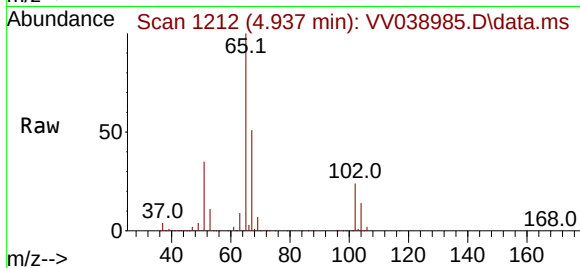
ClientSampleId :

Tgt Ion: 65 Resp: 378198

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

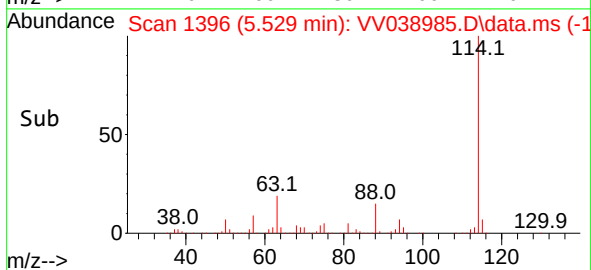
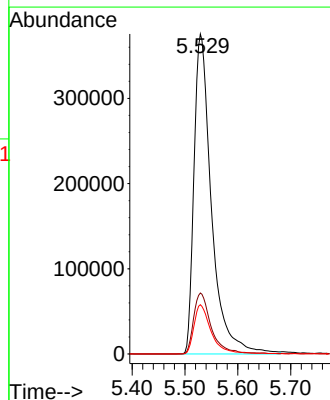
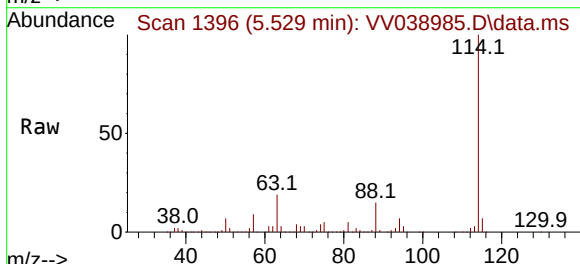
Tgt Ion: 114 Resp: 863998

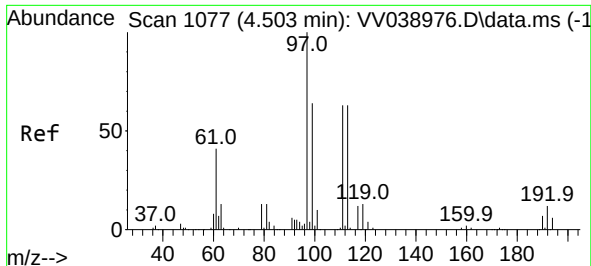
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

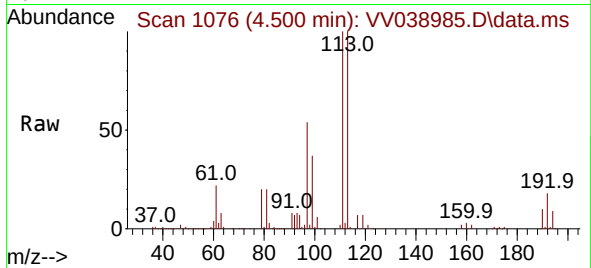
88 15.4 0.0 30.4



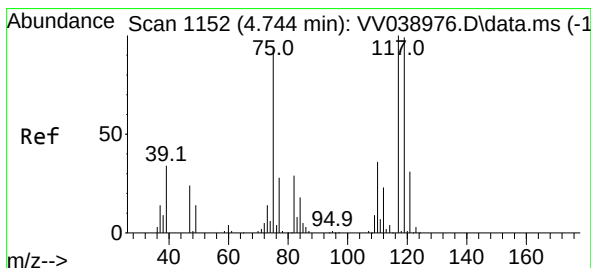
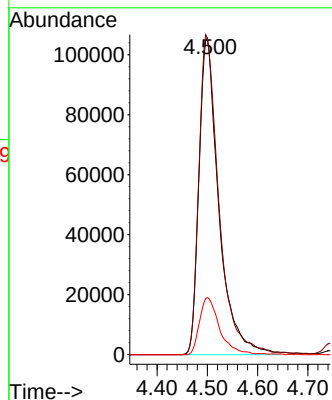
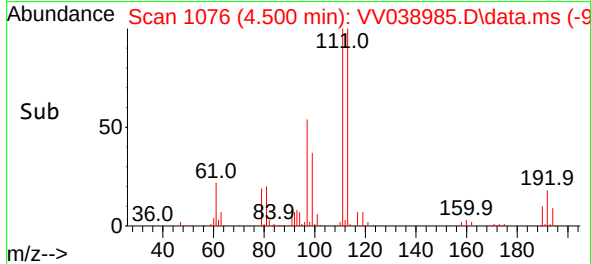


#35
 Dibromofluoromethane
 Concen: 44.755 ug/l
 RT: 4.500 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

Instrument :
 MSVOA_V
 ClientSampleId :

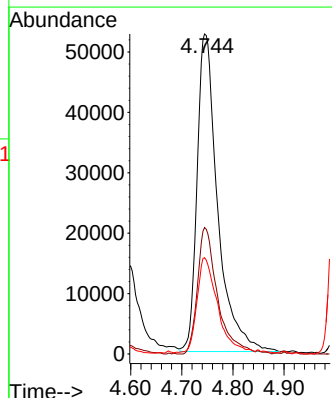
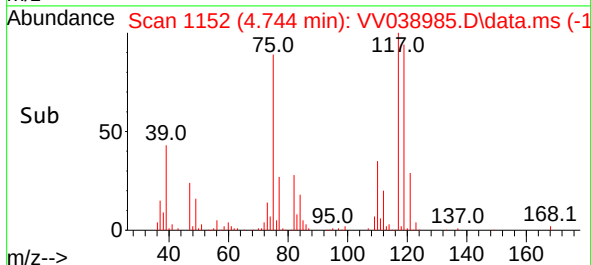
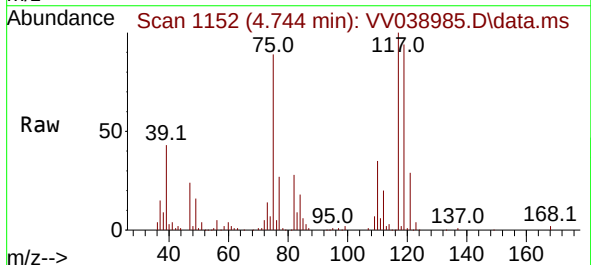


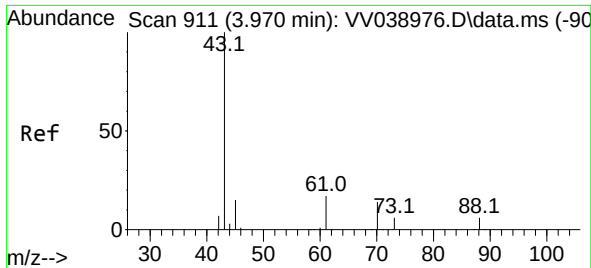
Tgt Ion:113 Resp: 289989
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 18.1 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 17.505 ug/l
 RT: 4.744 min Scan# 1152
 Delta R.T. -0.000 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

Tgt Ion: 75 Resp: 147297
 Ion Ratio Lower Upper
 75 100
 110 38.6 19.6 58.7
 77 29.3 24.4 36.6

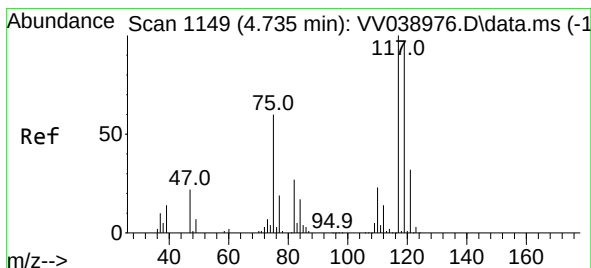
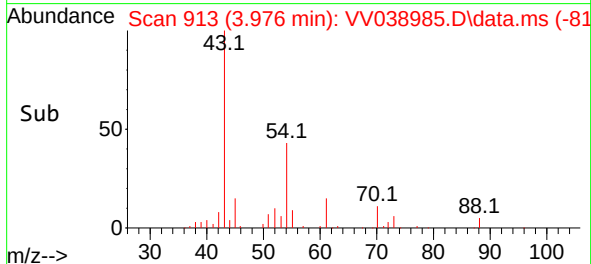
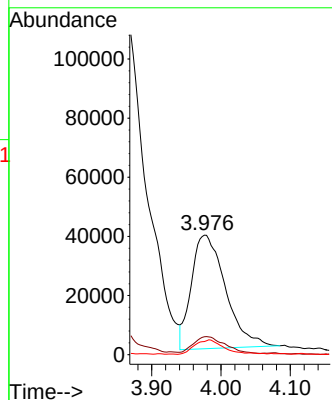
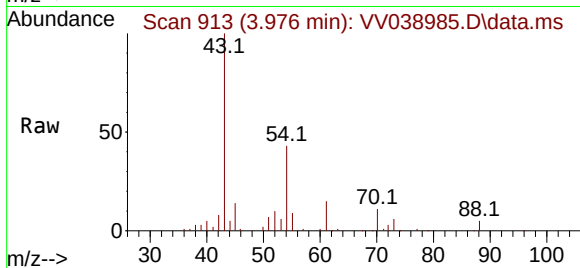




#37
Ethyl Acetate
Concen: 15.992 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

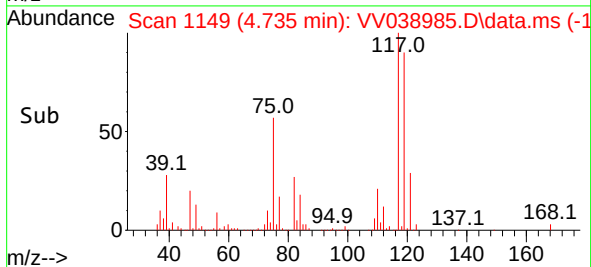
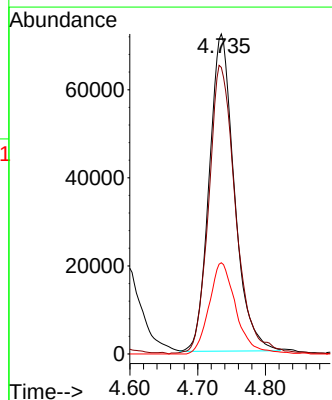
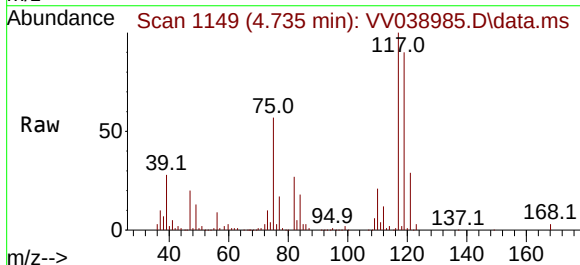
Instrument :
MSVOA_V
ClientSampleId :

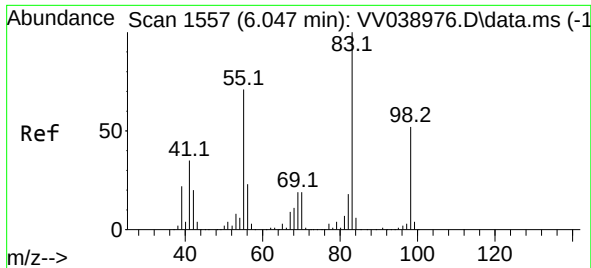
Tgt Ion:	43	Resp:	131474
Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.6	19.0
70	10.4	10.2	15.4



#38
Carbon Tetrachloride
Concen: 16.485 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

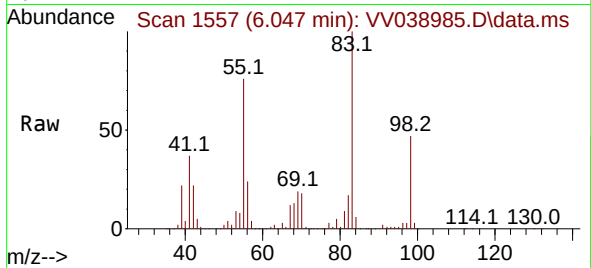
Tgt Ion:	117	Resp:	185761
Ion	Ratio	Lower	Upper
117	100		
119	90.0	77.1	115.7
121	28.8	25.4	38.2



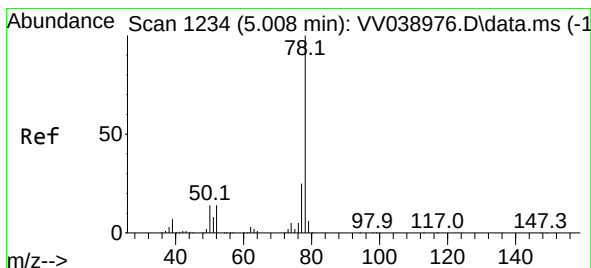
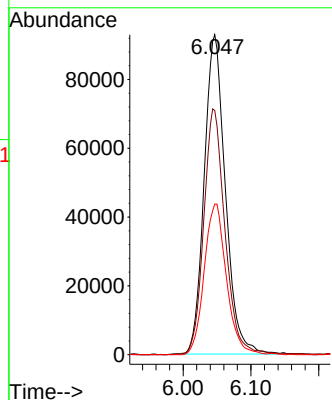
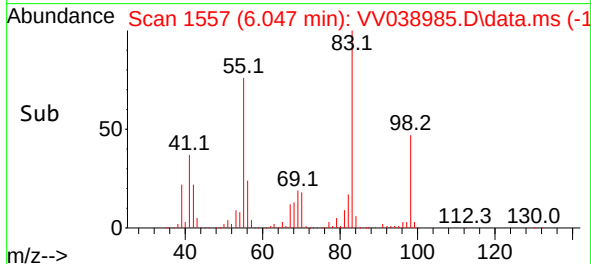


#39
Methylcyclohexane
Concen: 18.742 ug/l
RT: 6.047 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Instrument :
MSVOA_V
ClientSampleId :

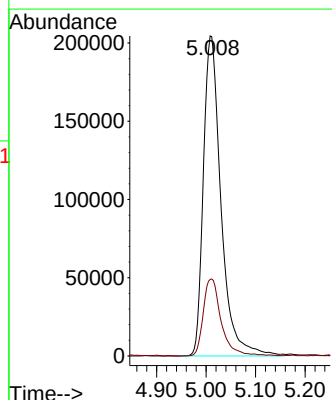
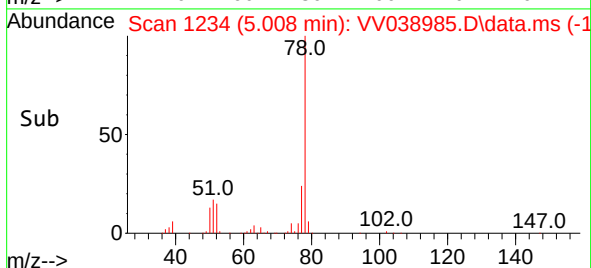
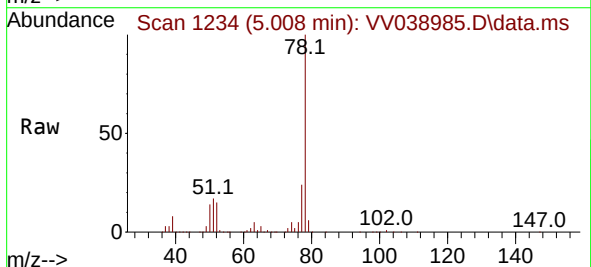


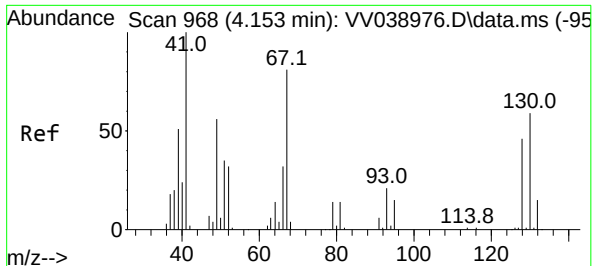
Tgt Ion: 83 Resp: 201515
Ion Ratio Lower Upper
83 100
55 76.2 57.0 85.6
98 47.2 41.3 61.9



#40
Benzene
Concen: 19.222 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

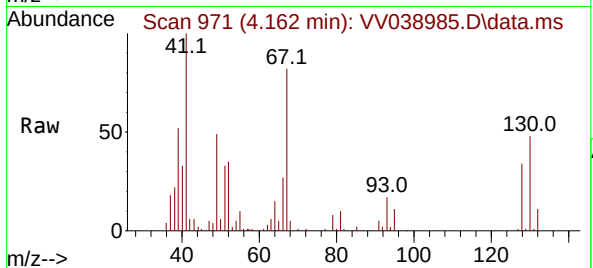
Tgt Ion: 78 Resp: 506623
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4



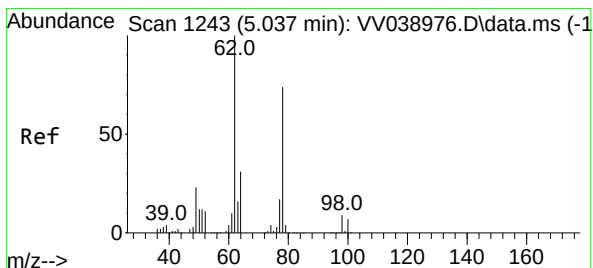
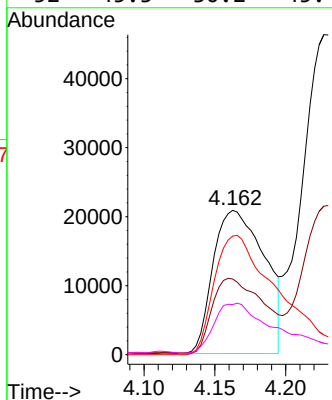
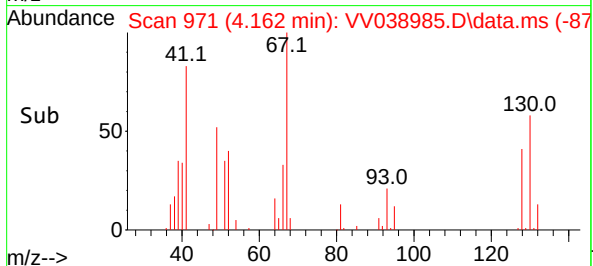


#41
Methacrylonitrile
Concen: 16.909 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Instrument :
MSVOA_V
ClientSampleId :

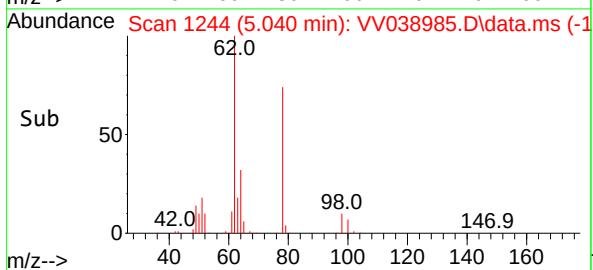
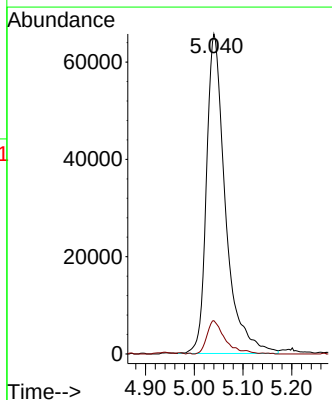
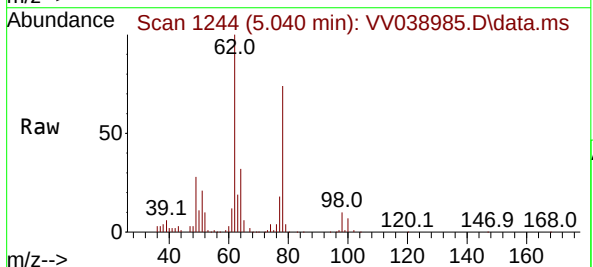


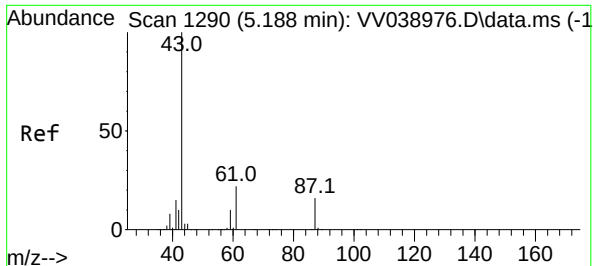
Tgt Ion:	41	Resp:	52385
Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.5	68.3
67	104.4	83.5	125.3
52	45.3	30.2	45.4



#42
1,2-Dichloroethane
Concen: 18.430 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion:	62	Resp:	177582
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.616 ug/l

RT: 5.191 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

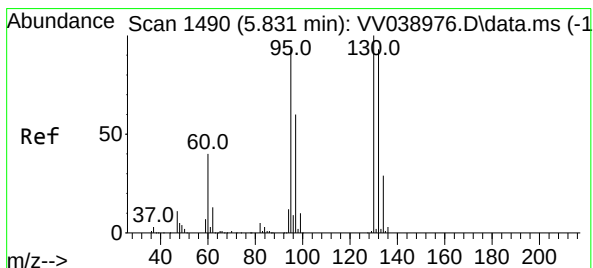
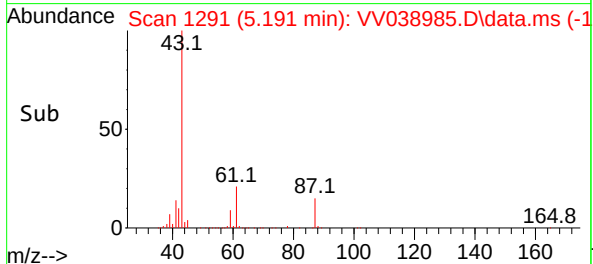
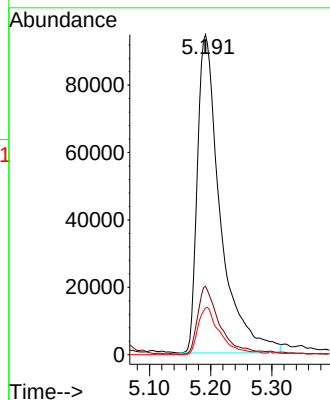
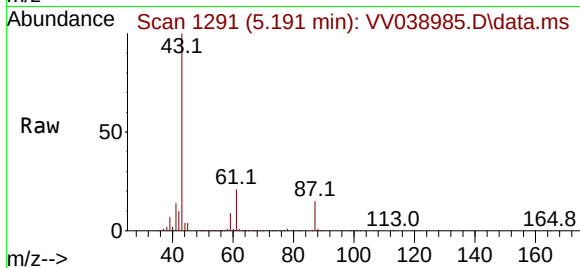
Tgt Ion: 43 Resp: 246073

Ion Ratio Lower Upper

43 100

61 20.9 17.4 26.2

87 14.1 13.3 19.9



#44

Trichloroethene

Concen: 18.047 ug/l

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV038985.D

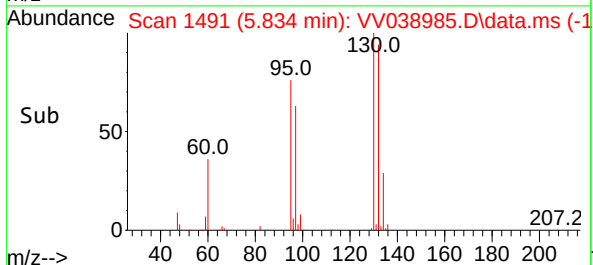
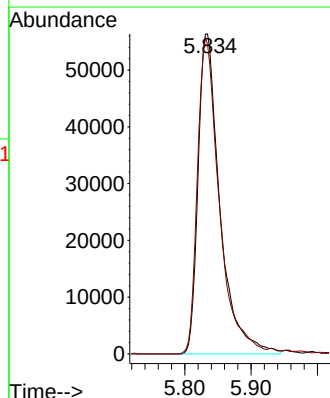
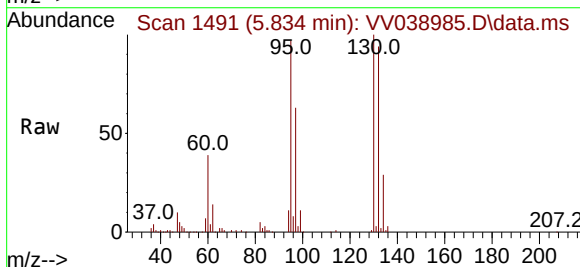
Acq: 21 Aug 2025 17:09

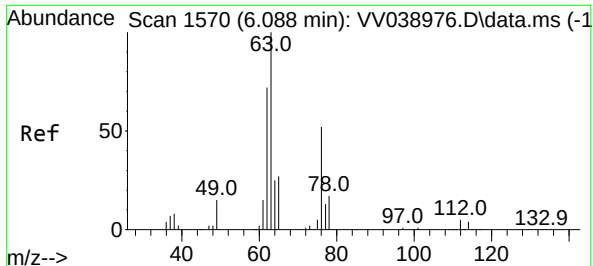
Tgt Ion:130 Resp: 129020

Ion Ratio Lower Upper

130 100

95 96.7 0.0 186.6





#45

1,2-Dichloropropane

Concen: 19.424 ug/l

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

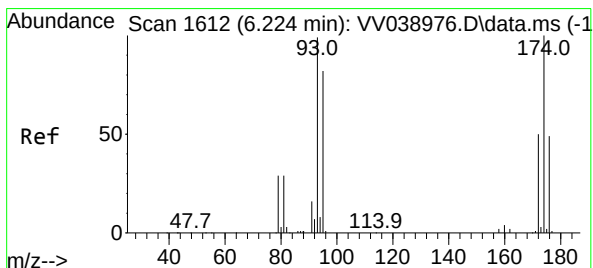
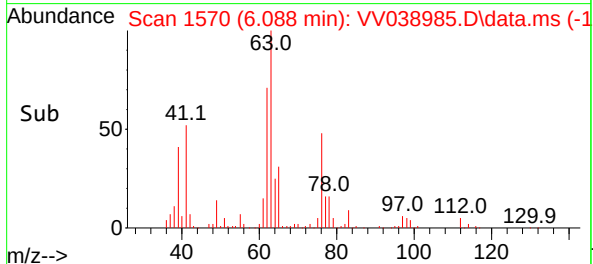
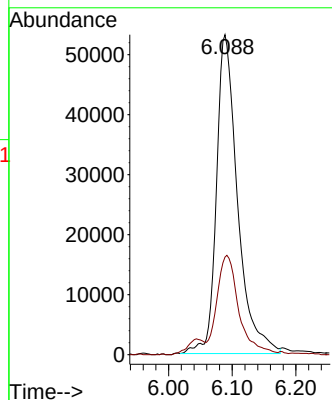
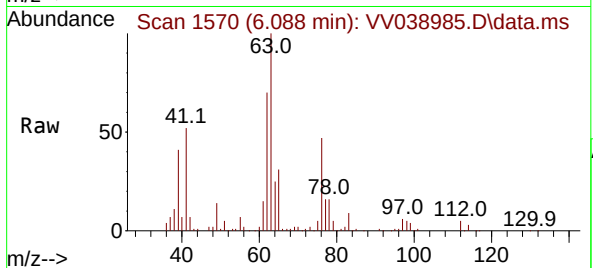
ClientSampleId :

Tgt Ion: 63 Resp: 122779

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



#46

Dibromomethane

Concen: 17.542 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

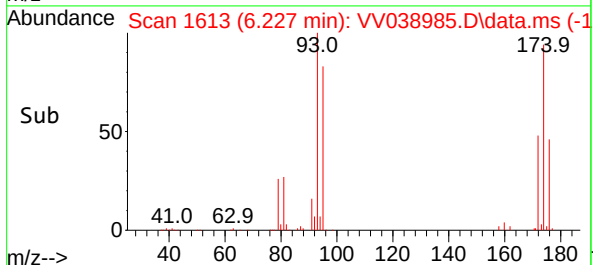
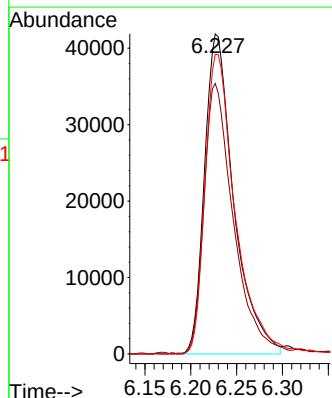
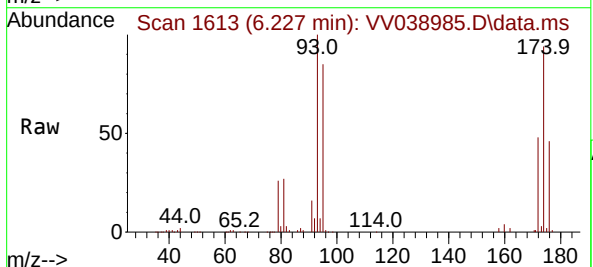
Tgt Ion: 93 Resp: 93037

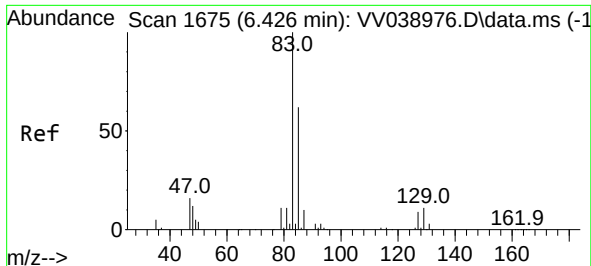
Ion Ratio Lower Upper

93 100

95 85.1 66.4 99.6

174 96.7 79.7 119.5

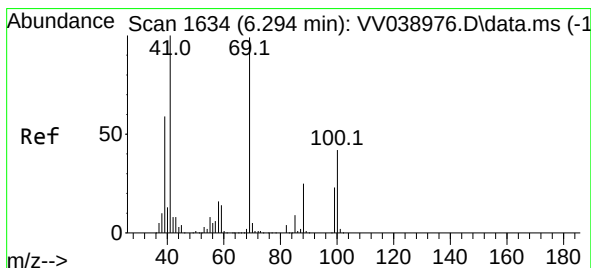
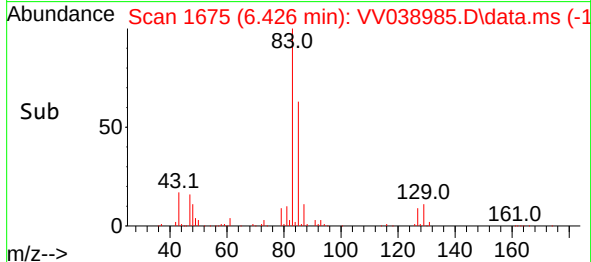
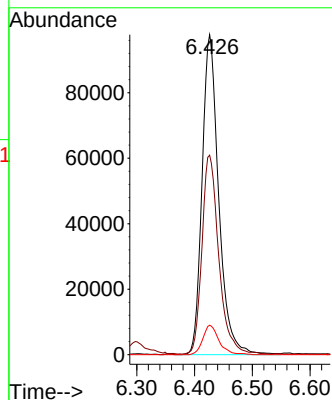
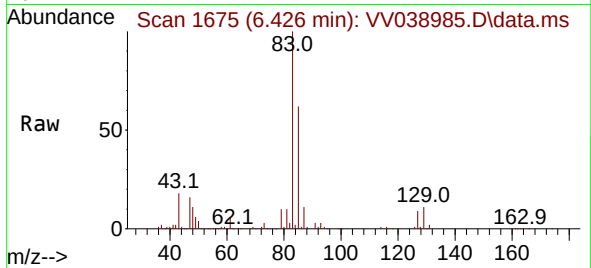




#47
Bromodichloromethane
Concen: 18.119 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

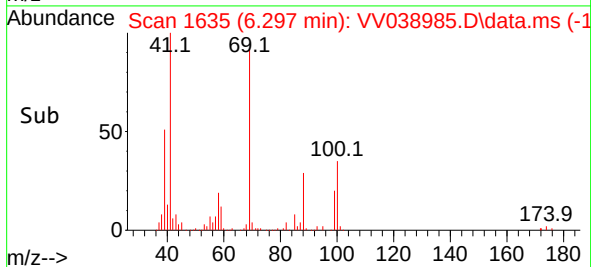
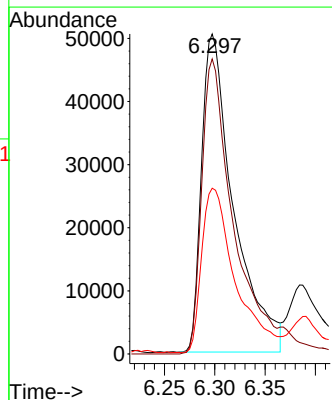
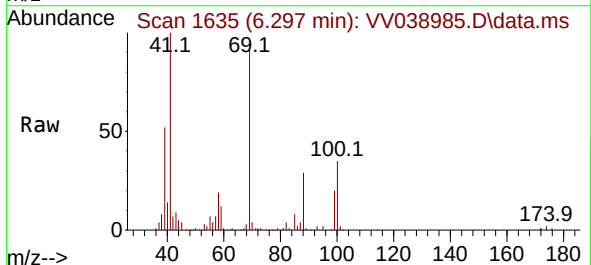
Instrument :
MSVOA_V
ClientSampleId :

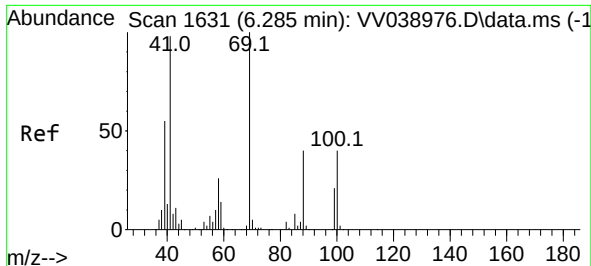
Tgt Ion: 83 Resp: 195577
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 9.2 6.9 10.3



#48
Methyl methacrylate
Concen: 19.900 ug/l
RT: 6.297 min Scan# 1635
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 41 Resp: 111903
Ion Ratio Lower Upper
41 100
69 96.0 82.5 123.7
39 54.3 46.6 69.8





#49

1,4-Dioxane

Concen: 436.826 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

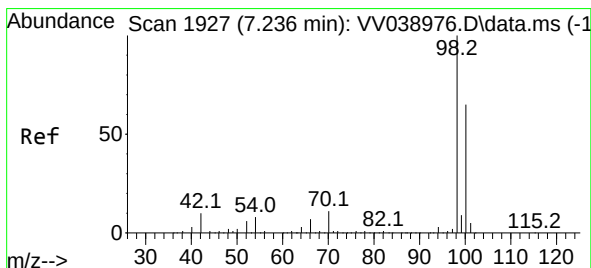
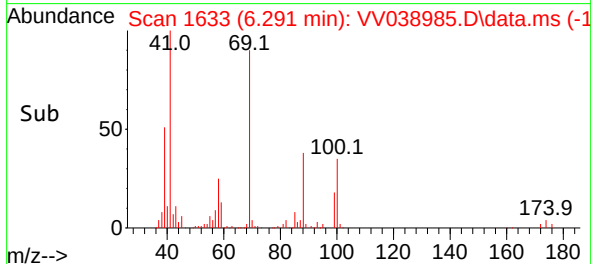
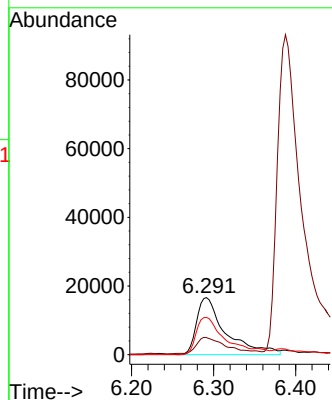
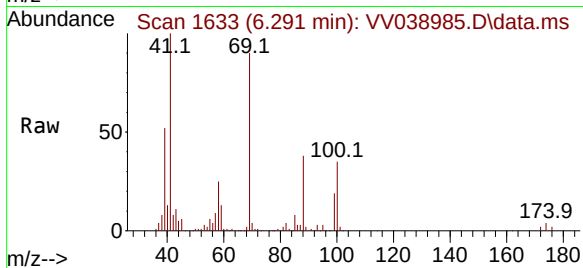
Tgt Ion: 88 Resp: 41073

Ion Ratio Lower Upper

88 100

43 31.0 24.6 36.8

58 62.2 51.8 77.6



#50

Toluene-d8

Concen: 49.601 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038985.D

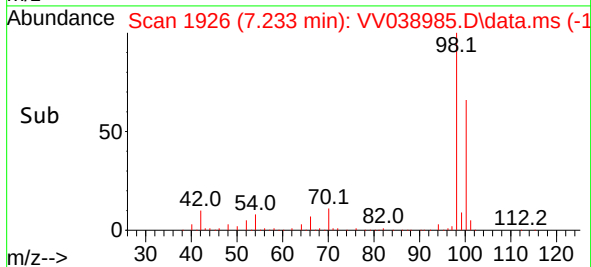
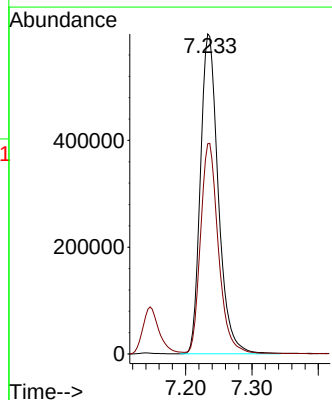
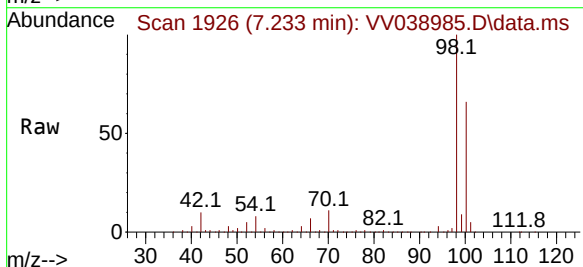
Acq: 21 Aug 2025 17:09

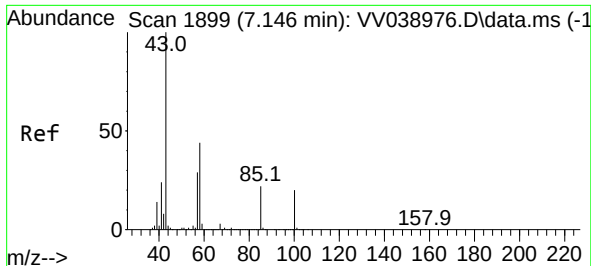
Tgt Ion: 98 Resp: 1120711

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2

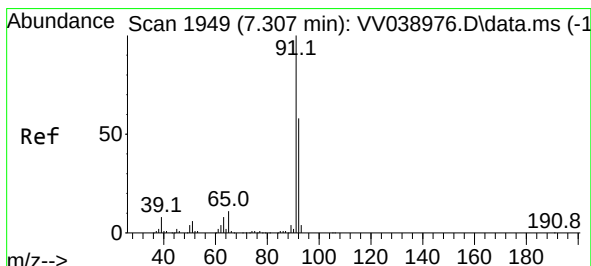
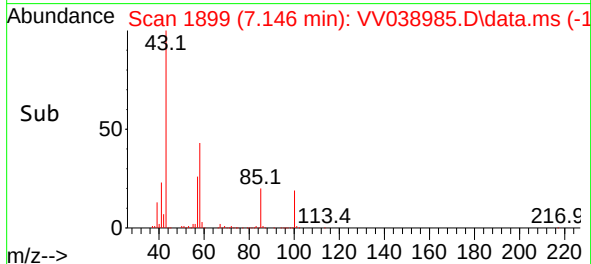
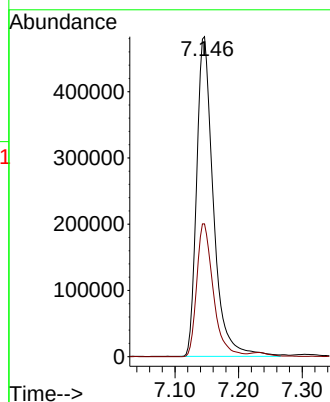
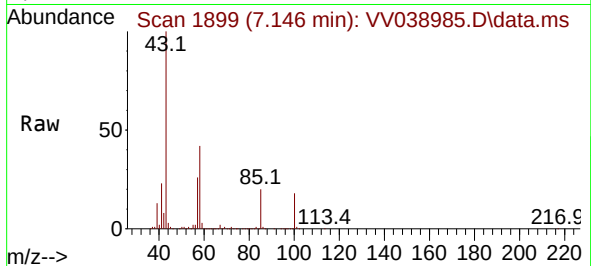




#51
4-Methyl-2-Pentanone
Concen: 107.313 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

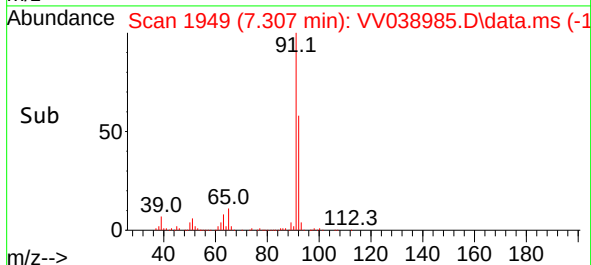
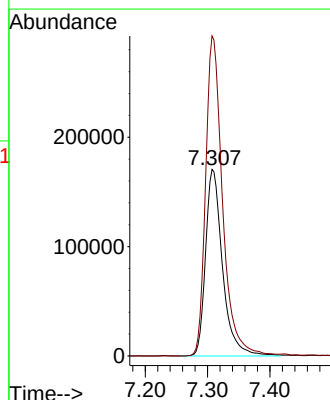
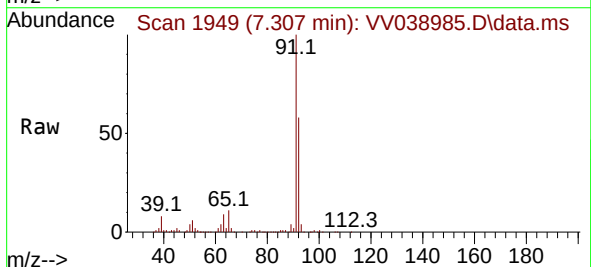
Instrument :
MSVOA_V
ClientSampleId :

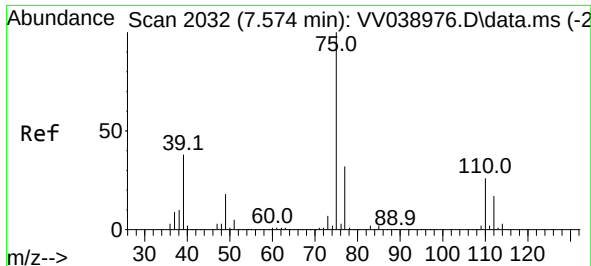
Tgt Ion: 43 Resp: 883916
Ion Ratio Lower Upper
43 100
58 41.1 34.6 51.8



#52
Toluene
Concen: 19.355 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 92 Resp: 323065
Ion Ratio Lower Upper
92 100
91 171.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 17.863 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

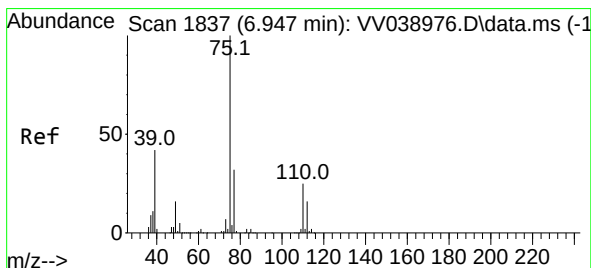
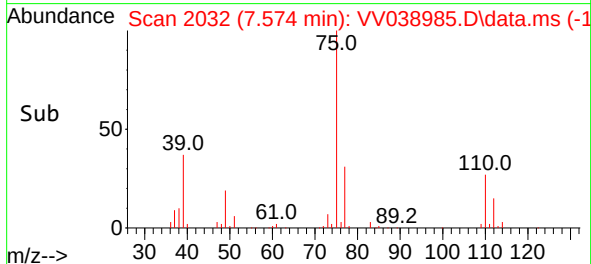
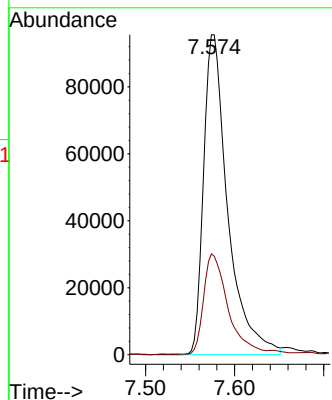
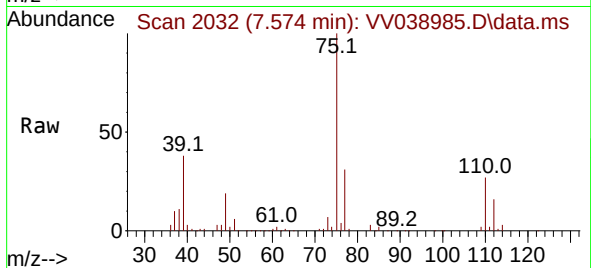
ClientSampleId :

Tgt Ion: 75 Resp: 180247

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.469 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

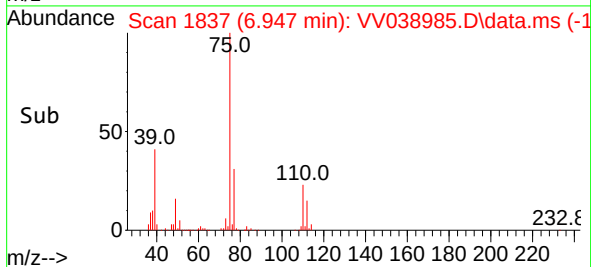
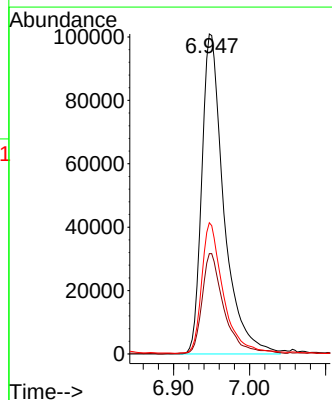
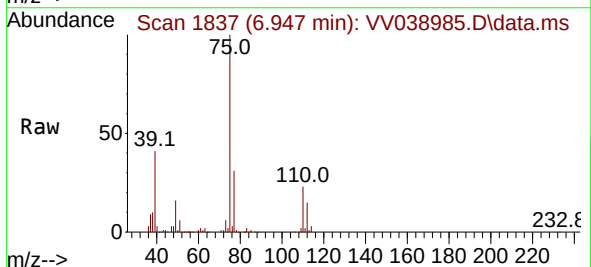
Tgt Ion: 75 Resp: 203555

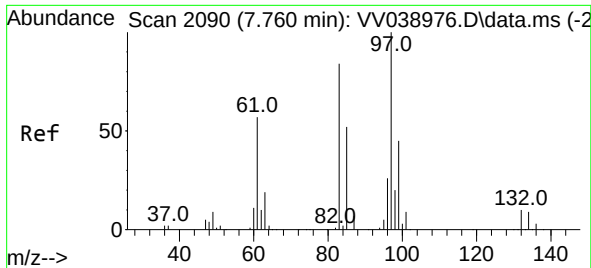
Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 40.7 33.3 49.9

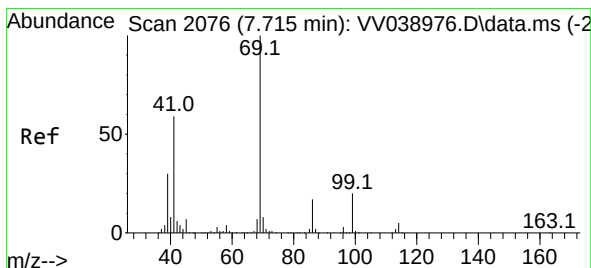
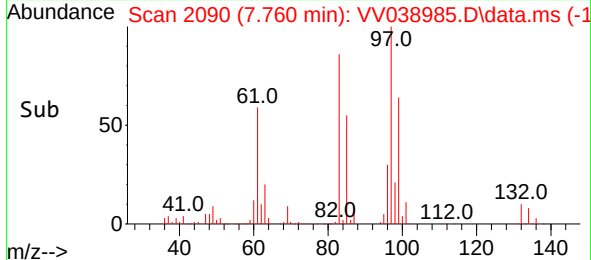
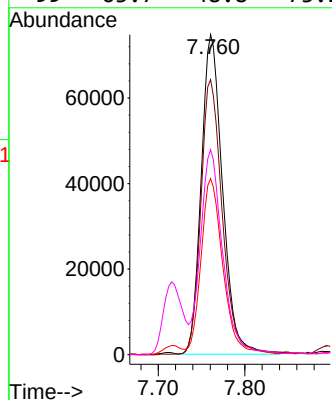
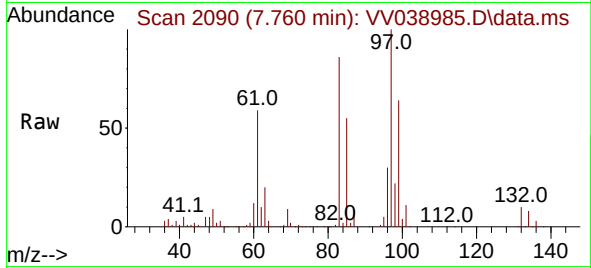




#55
 1,1,2-Trichloroethane
 Concen: 17.594 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

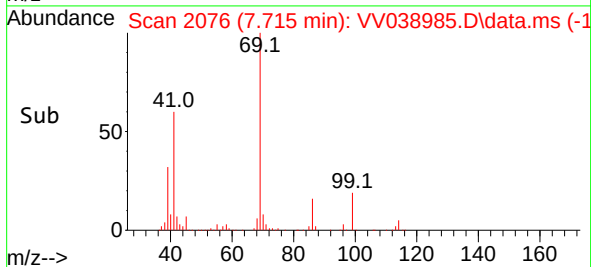
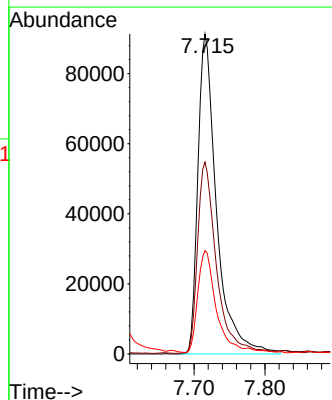
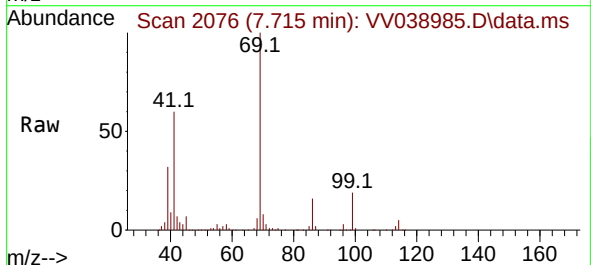
Instrument :
 MSVOA_V
 ClientSampleId :

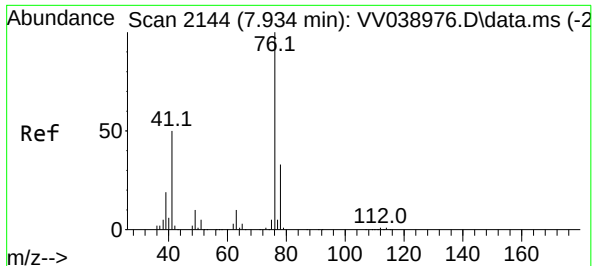
Tgt Ion: 97	Resp: 128045
Ion Ratio	Lower Upper
97 100	
83 85.7	67.2 100.8
85 54.7	42.7 64.1
99 63.7	48.8 73.2



#56
 Ethyl methacrylate
 Concen: 16.176 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

Tgt Ion: 69	Resp: 167296
Ion Ratio	Lower Upper
69 100	
41 60.4	47.5 71.3
39 30.5	24.2 36.2





#57

1,3-Dichloropropane

Concen: 18.162 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

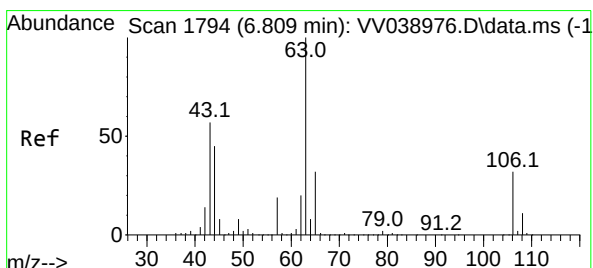
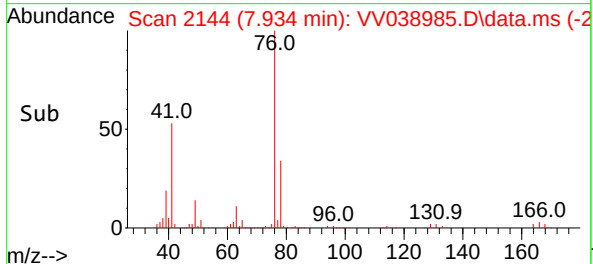
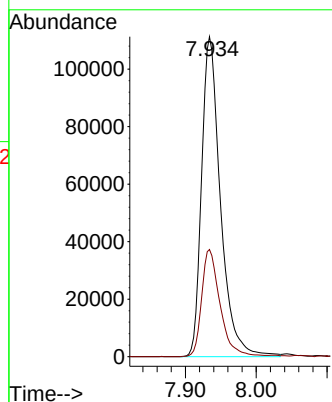
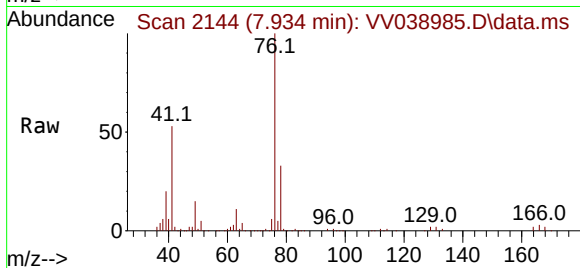
ClientSampleId :

Tgt Ion: 76 Resp: 206105

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.808 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV038985.D

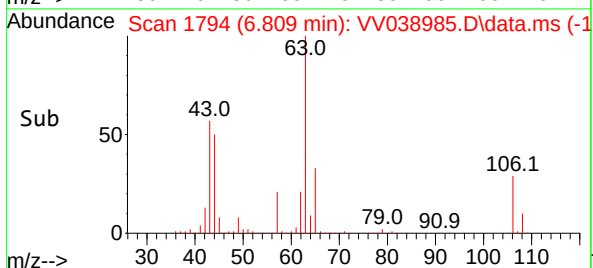
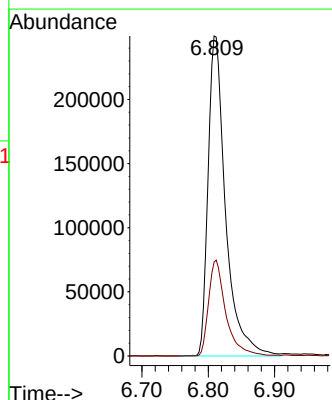
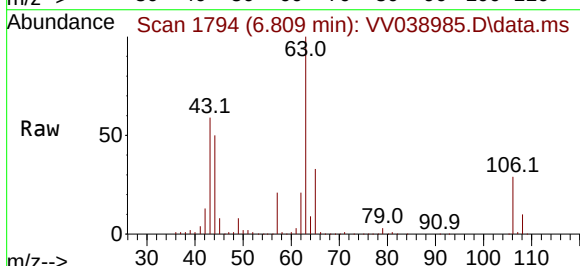
Acq: 21 Aug 2025 17:09

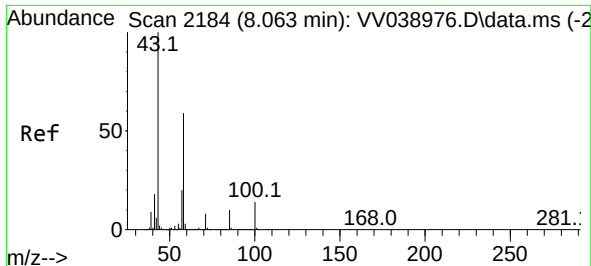
Tgt Ion: 63 Resp: 458173

Ion Ratio Lower Upper

63 100

106 29.6 25.6 38.4

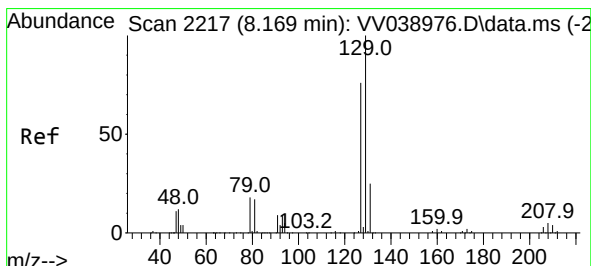
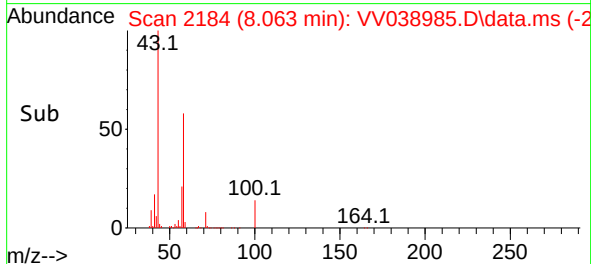
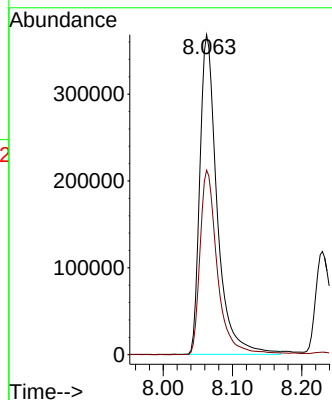
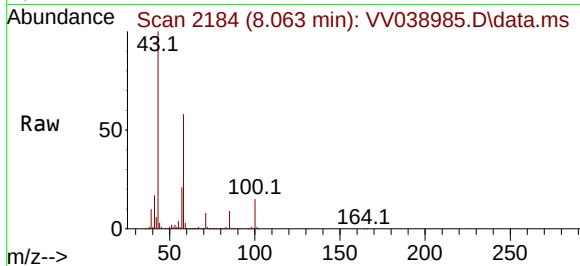




#59
2-Hexanone
Concen: 82.678 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

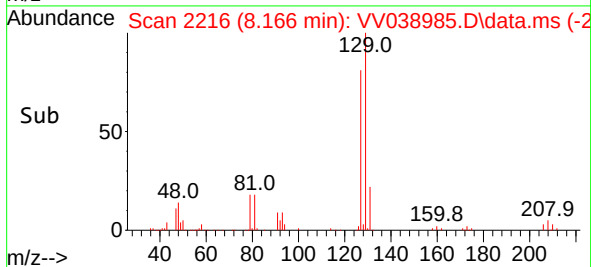
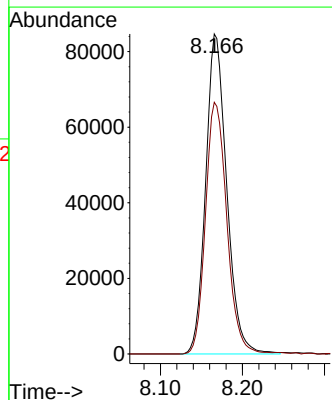
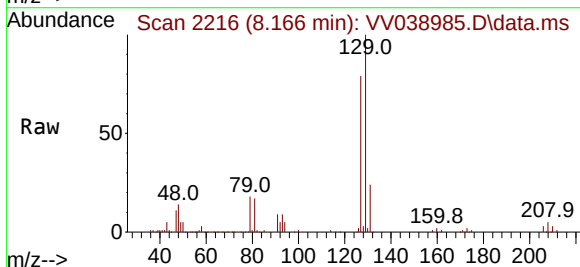
Instrument :
MSVOA_V
ClientSampleId :

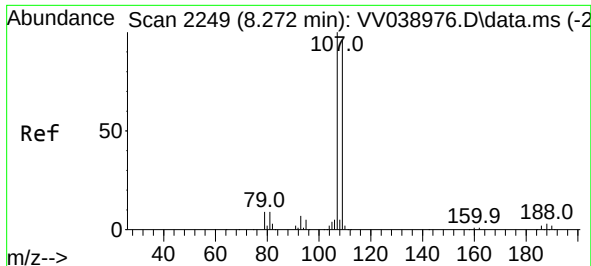
Tgt Ion: 43 Resp: 638602
Ion Ratio Lower Upper
43 100
58 58.1 29.8 89.4



#60
Dibromochloromethane
Concen: 17.159 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 129 Resp: 150787
Ion Ratio Lower Upper
129 100
127 79.7 38.4 115.1

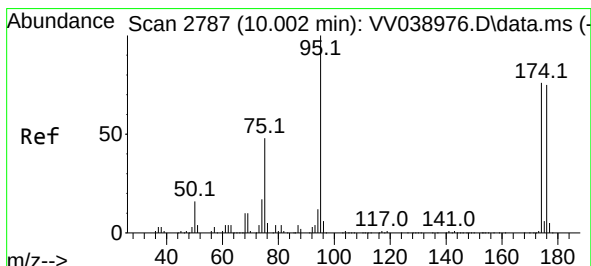
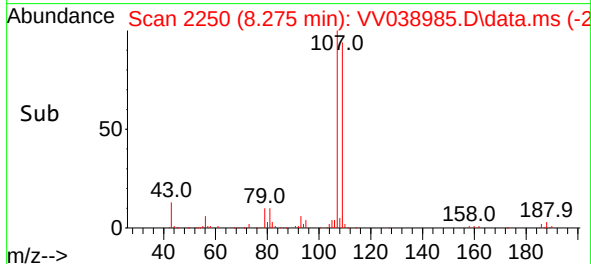
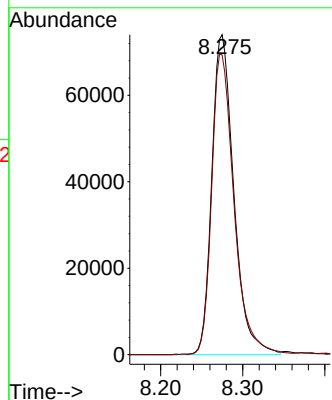
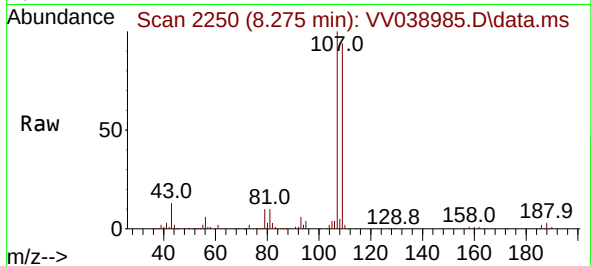




#61
1,2-Dibromoethane
Concen: 18.335 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

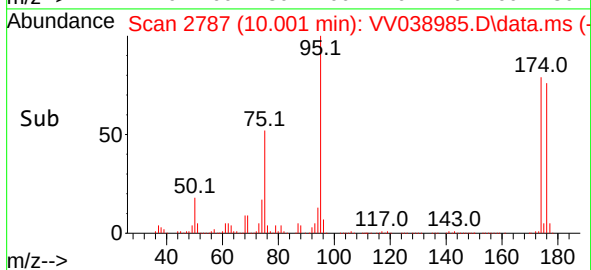
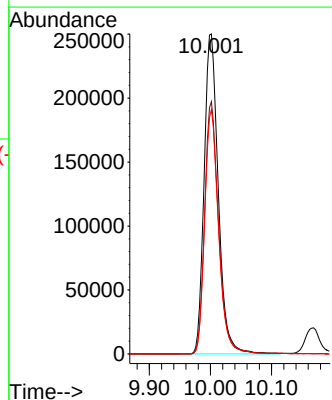
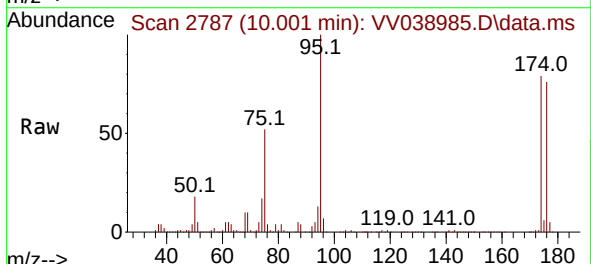
Instrument :
MSVOA_V
ClientSampleId :

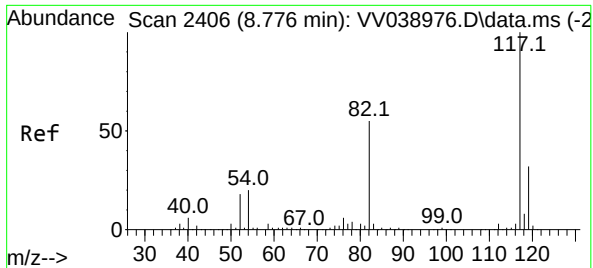
Tgt Ion:107 Resp: 138439
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.777 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

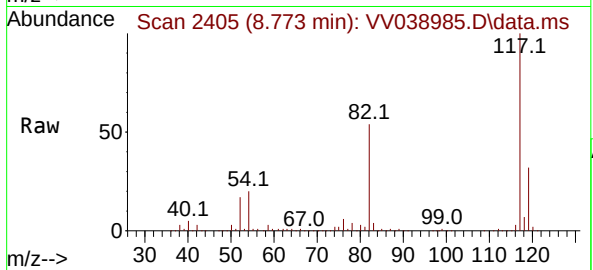
Tgt Ion: 95 Resp: 403171
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.4
176 74.8 0.0 148.6



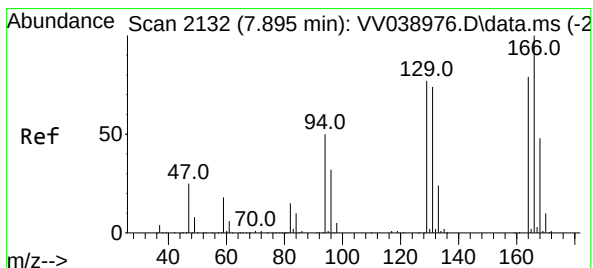
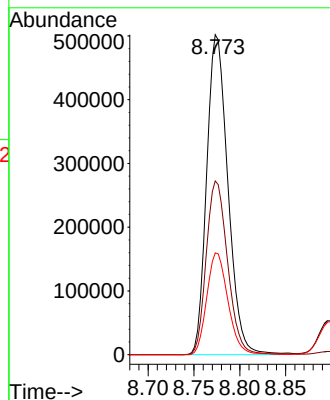
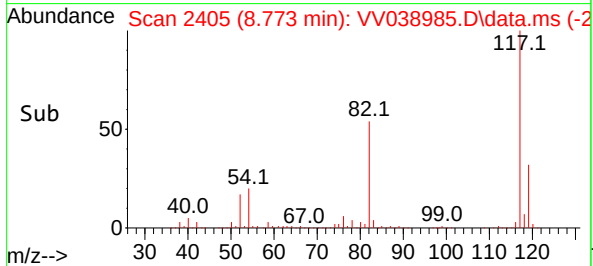


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Instrument :
MSVOA_V
ClientSampleId :

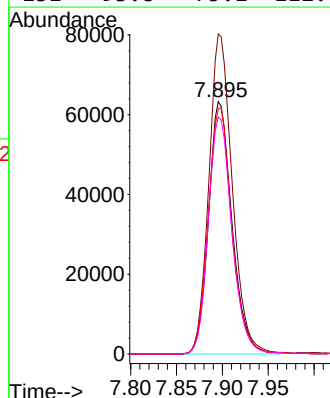
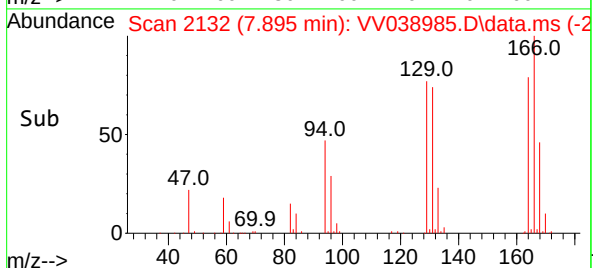
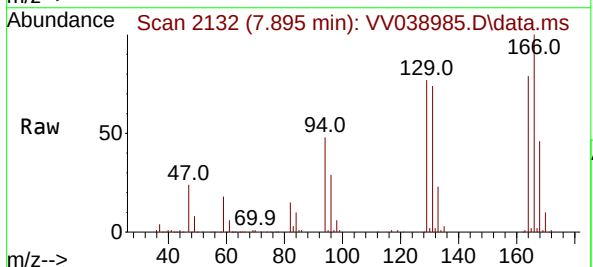


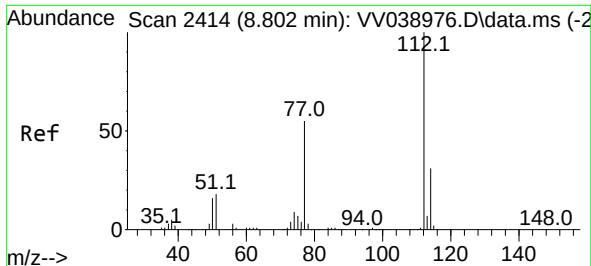
Tgt Ion:117 Resp: 809489
Ion Ratio Lower Upper
117 100
82 54.3 44.4 66.6
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 18.638 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion:164 Resp: 112260
Ion Ratio Lower Upper
164 100
166 126.8 101.8 152.6
129 97.3 78.7 118.1
131 93.8 75.1 112.7

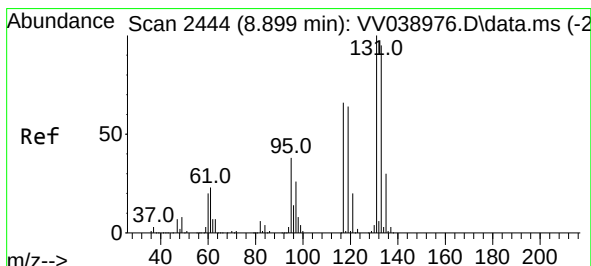
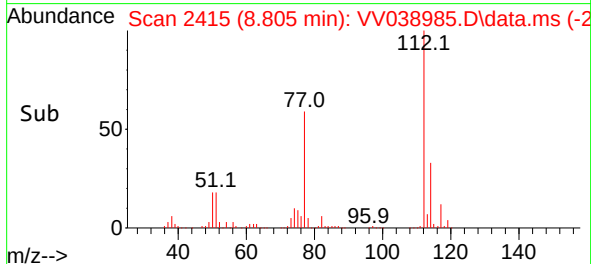
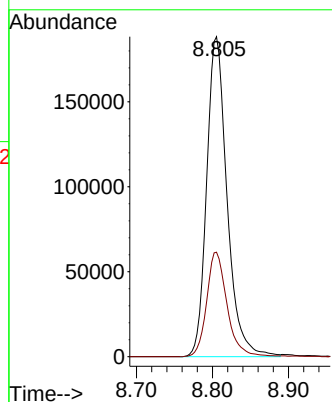
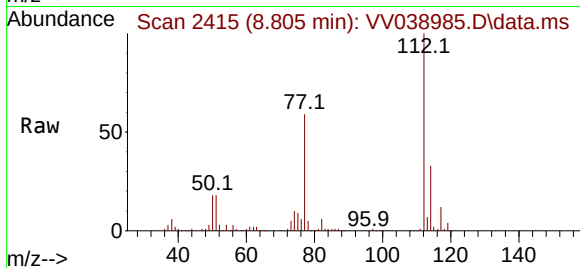




#65
Chlorobenzene
Concen: 17.997 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

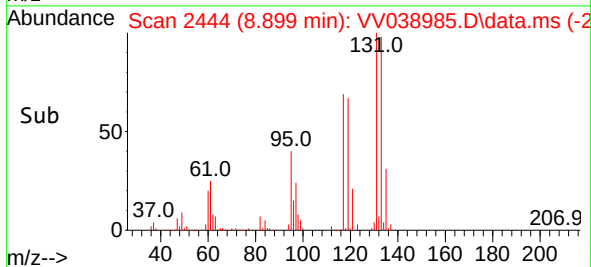
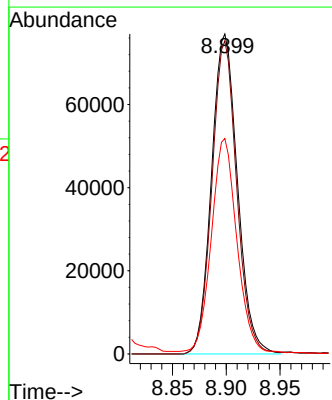
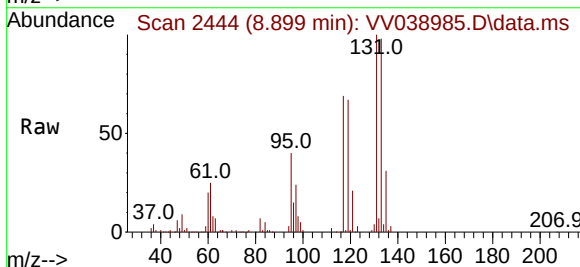
Instrument :
MSVOA_V
ClientSampleId :

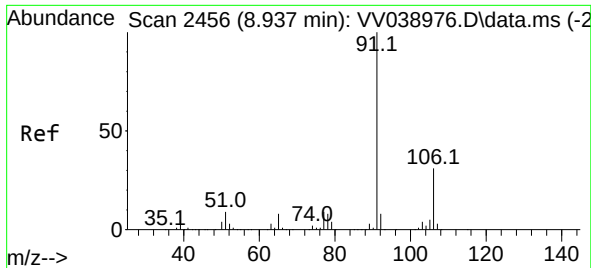
Tgt Ion:112 Resp: 351260
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.446 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion:131 Resp: 129238
Ion Ratio Lower Upper
131 100
133 93.5 47.6 142.9
119 66.5 32.1 96.3

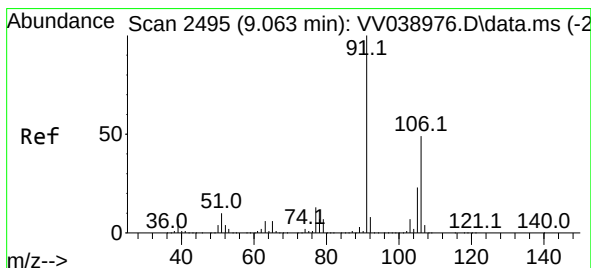
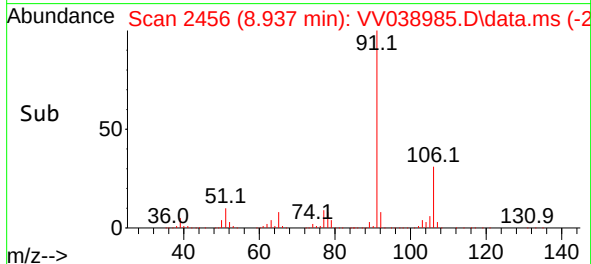
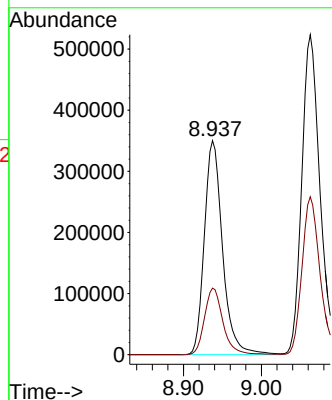
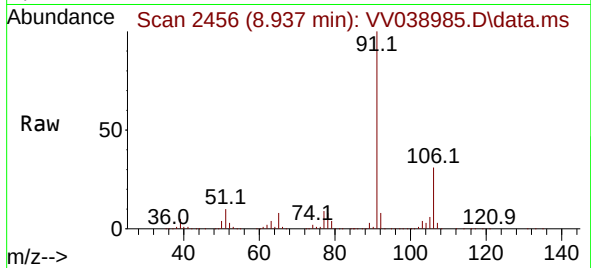




#67
Ethyl Benzene
Concen: 19.087 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

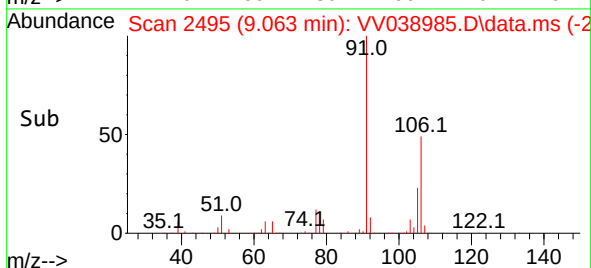
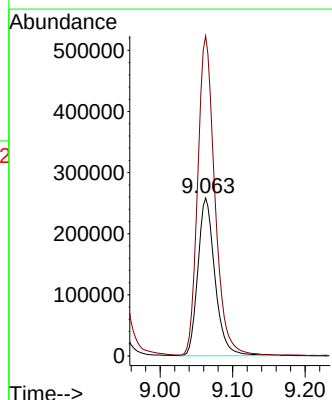
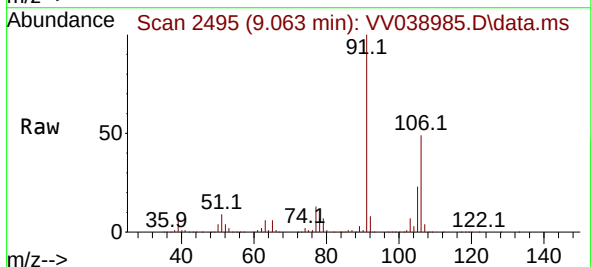
Instrument :
MSVOA_V
ClientSampleId :

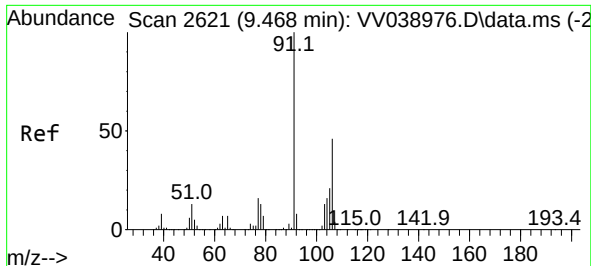
Tgt Ion: 91 Resp: 568699
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 36.403 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 106 Resp: 421252
Ion Ratio Lower Upper
106 100
91 204.9 163.6 245.4

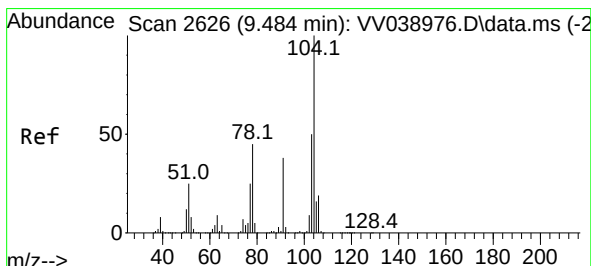
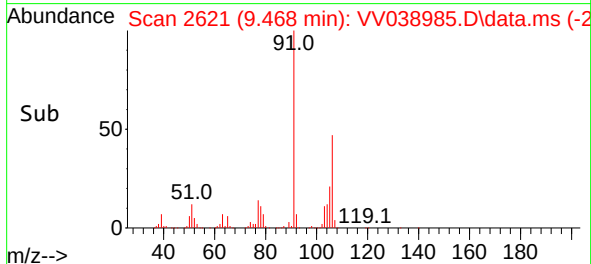
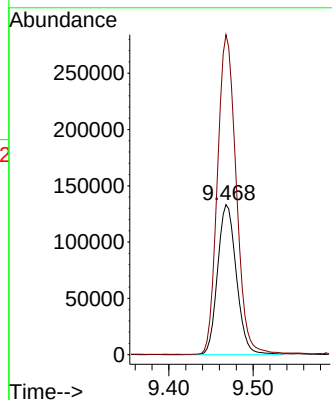
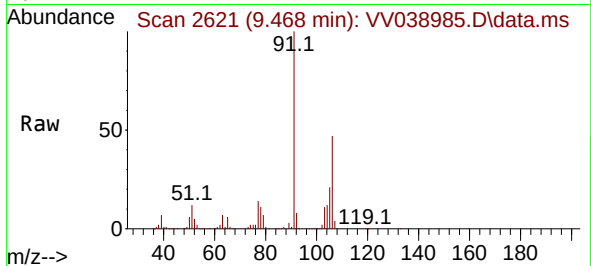




#69
o-Xylene
Concen: 19.553 ug/l
RT: 9.468 min Scan# 206223
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

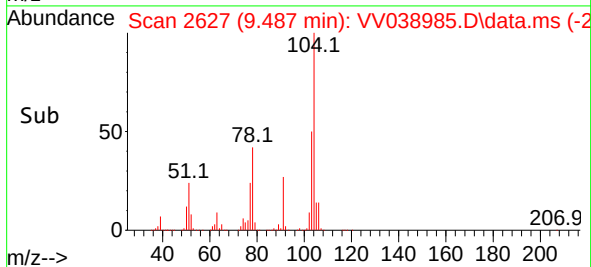
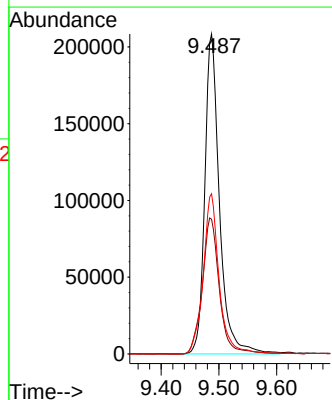
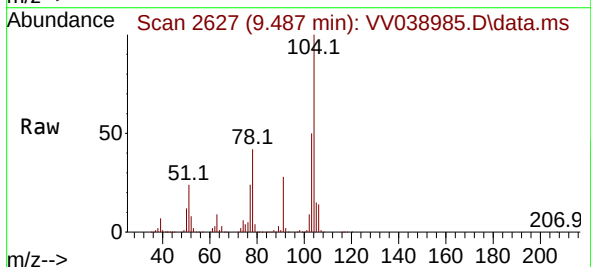
Instrument :
MSVOA_V
ClientSampleId :

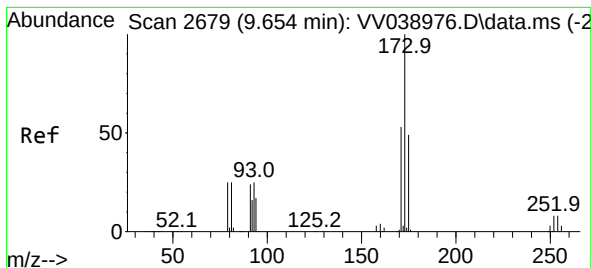
Tgt Ion:106 Resp: 206223
Ion Ratio Lower Upper
106 100
91 213.1 108.0 324.0



#70
Styrene
Concen: 20.360 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion:104 Resp: 368409
Ion Ratio Lower Upper
104 100
78 49.2 39.8 59.8
103 54.4 43.5 65.3





#71

Bromoform

Concen: 18.578 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

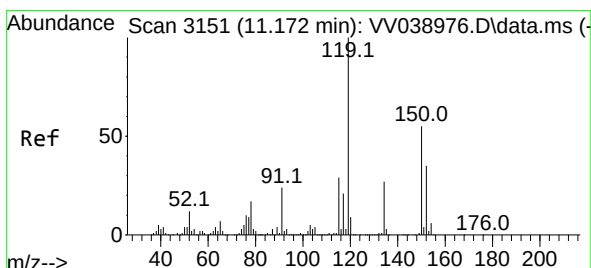
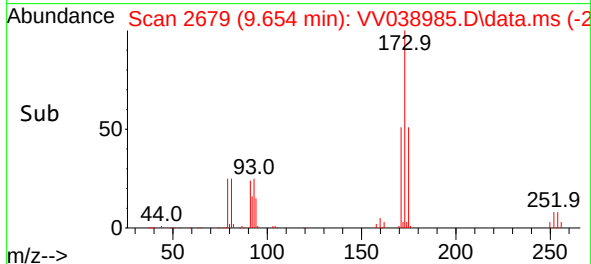
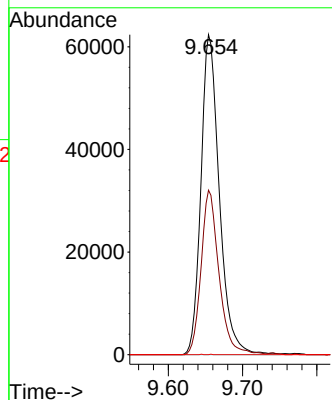
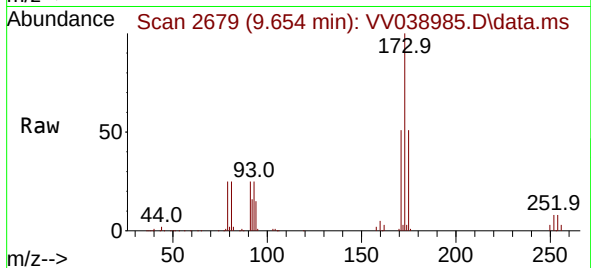
Tgt Ion:173 Resp: 107247

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.6

254 0.0 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: VV038985.D

Acq: 21 Aug 2025 17:09

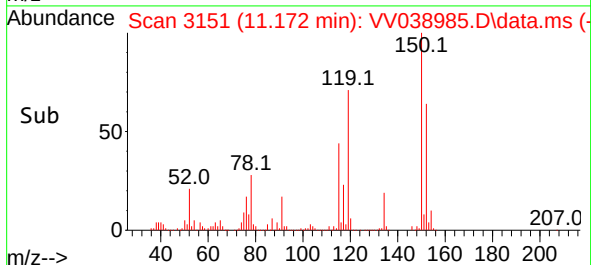
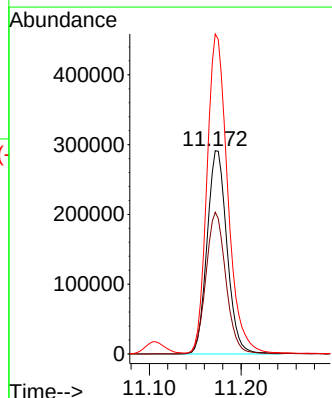
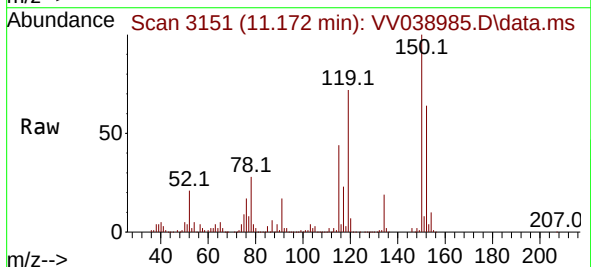
Tgt Ion:152 Resp: 439751

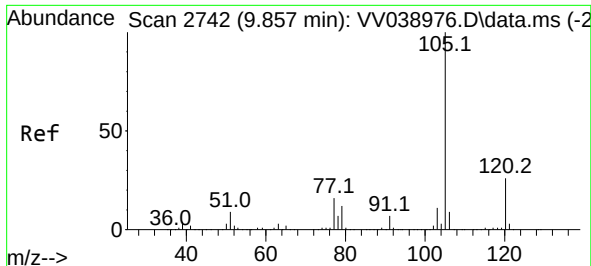
Ion Ratio Lower Upper

152 100

115 69.6 42.5 127.5

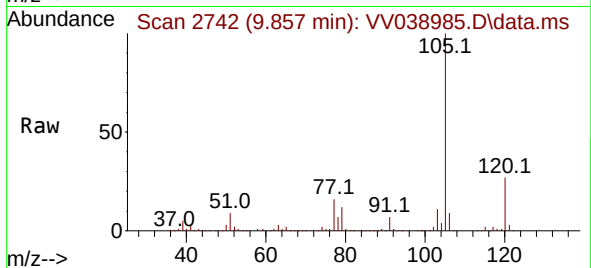
150 163.6 0.0 344.8



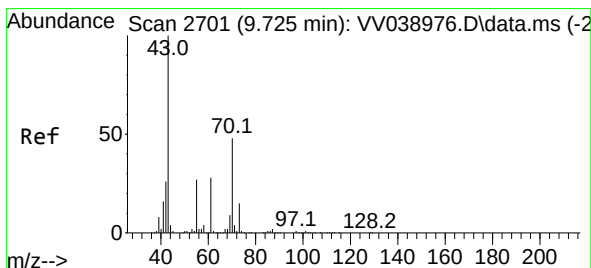
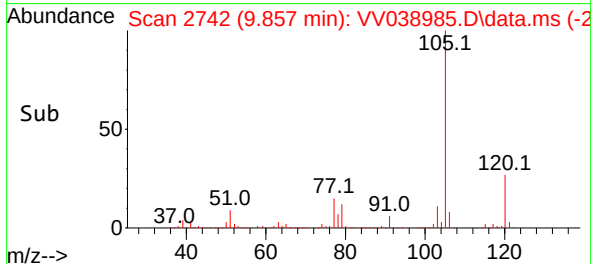
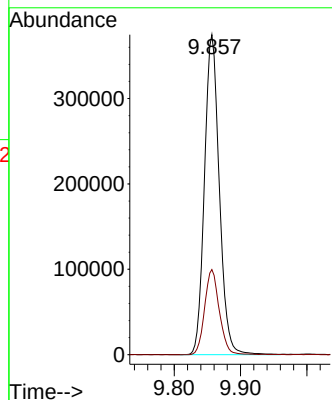


#73
Isopropylbenzene
Concen: 19.732 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Instrument :
MSVOA_V
ClientSampleId :

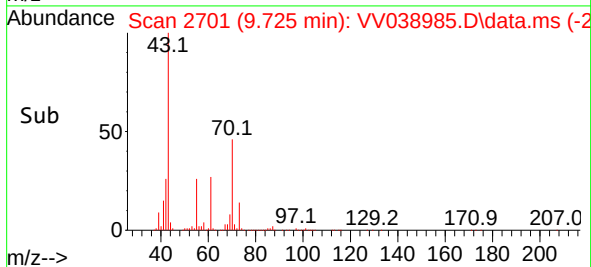
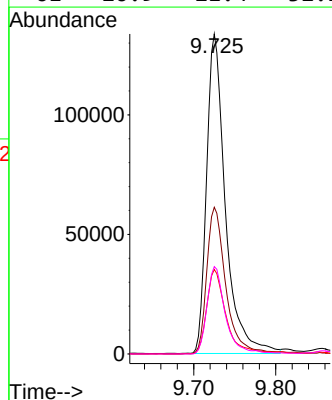
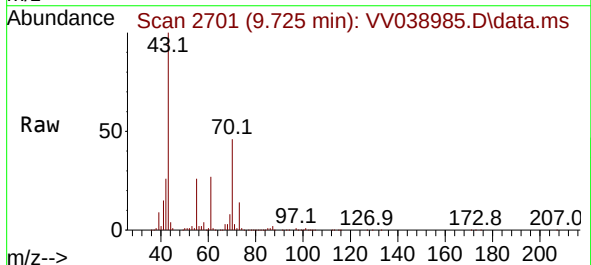


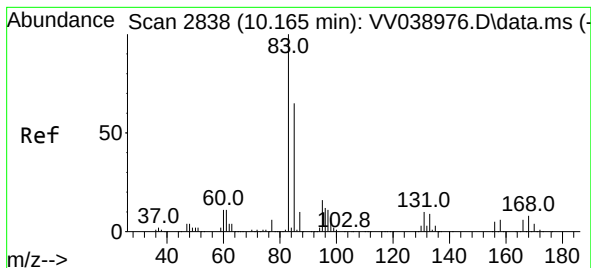
Tgt Ion:105 Resp: 582248
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 19.739 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 43 Resp: 213401
Ion Ratio Lower Upper
43 100
70 47.1 38.3 57.5
55 27.1 21.6 32.4
61 26.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.839 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

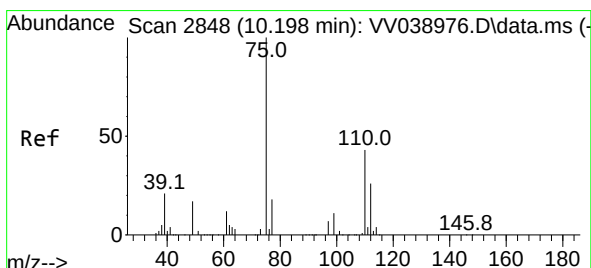
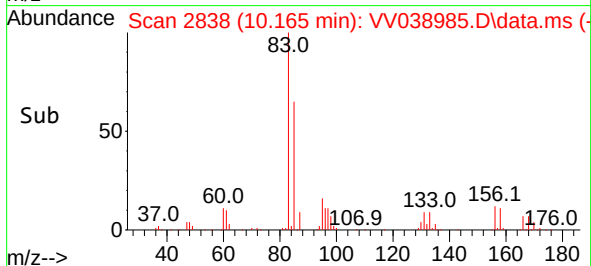
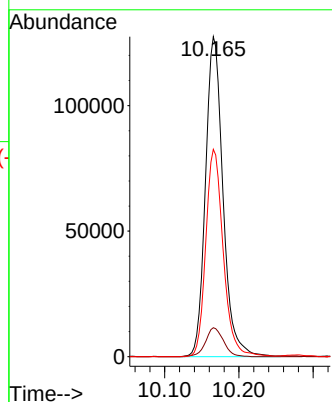
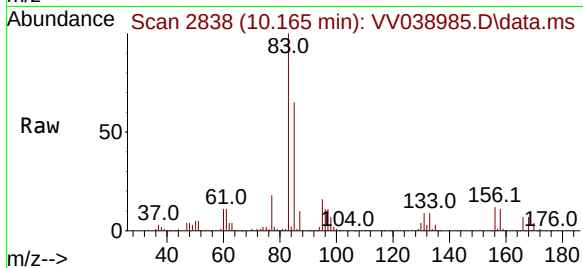
Tgt Ion: 83 Resp: 209056

Ion Ratio Lower Upper

83 100

131 9.3 5.3 15.9

85 64.5 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 18.874 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038985.D

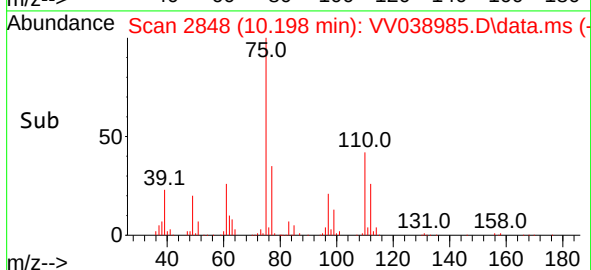
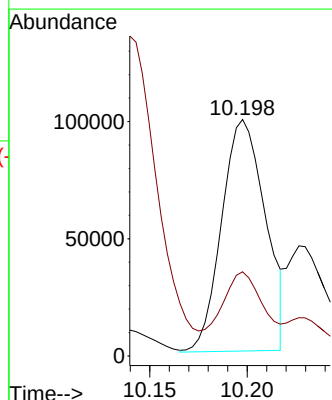
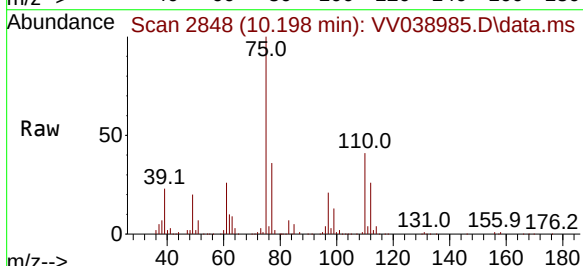
Acq: 21 Aug 2025 17:09

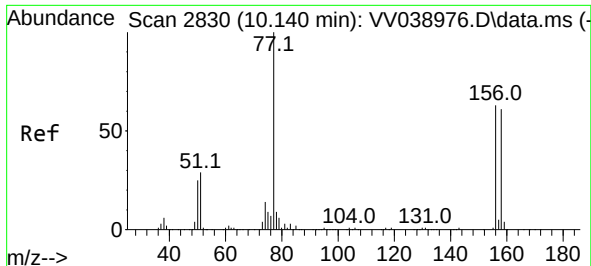
Tgt Ion: 75 Resp: 153953

Ion Ratio Lower Upper

75 100

77 21.5 11.3 33.8

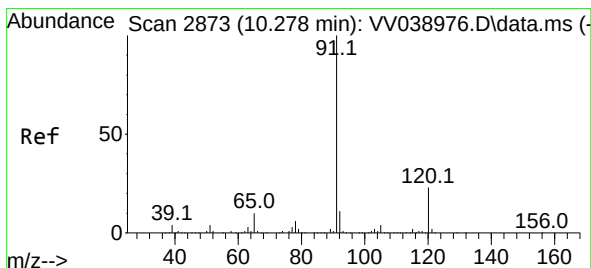
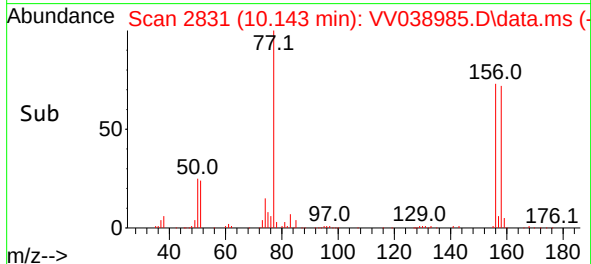
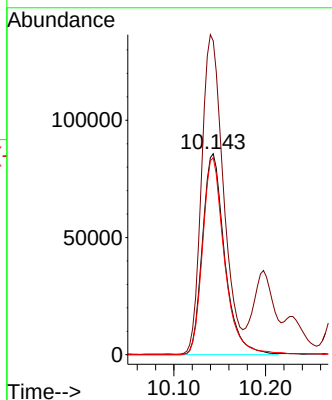
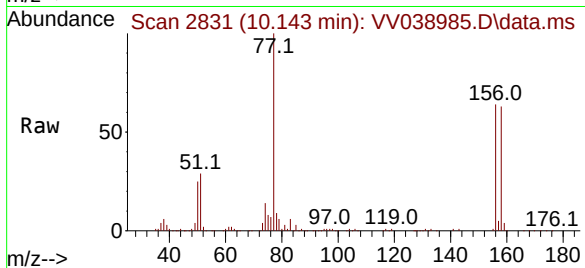




#77
Bromobenzene
Concen: 18.999 ug/l
RT: 10.143 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

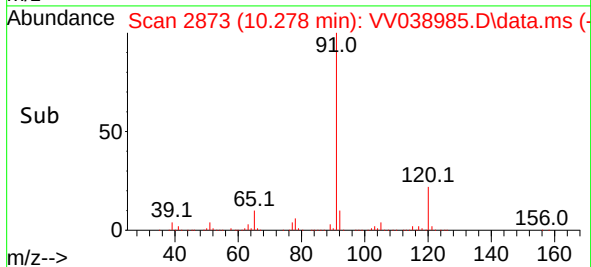
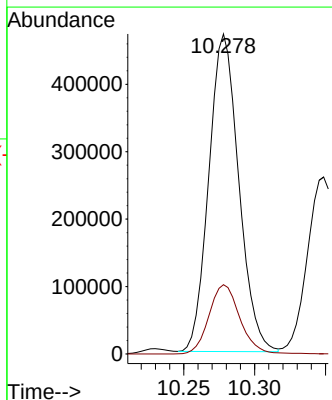
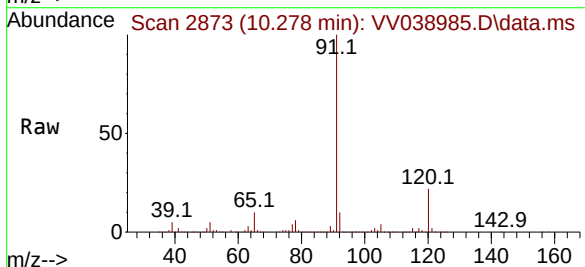
Instrument :
MSVOA_V
ClientSampleId :

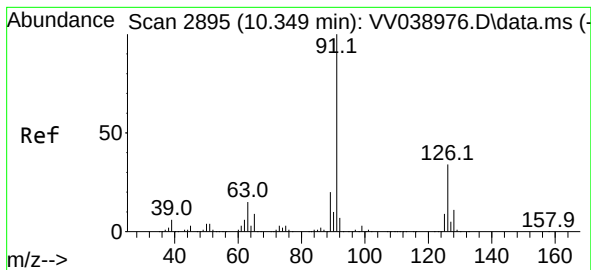
Tgt Ion:156 Resp: 144042
Ion Ratio Lower Upper
156 100
77 155.7 79.0 237.0
158 96.9 48.6 145.9



#78
n-propylbenzene
Concen: 19.688 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 91 Resp: 693650
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.993 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

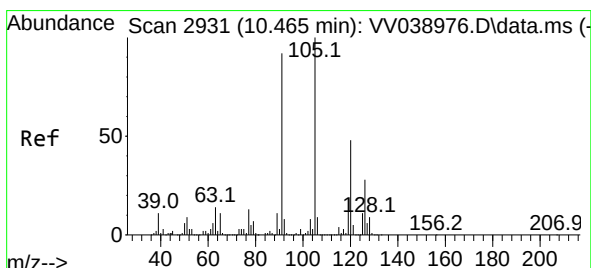
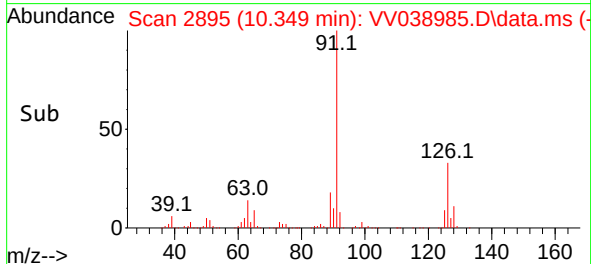
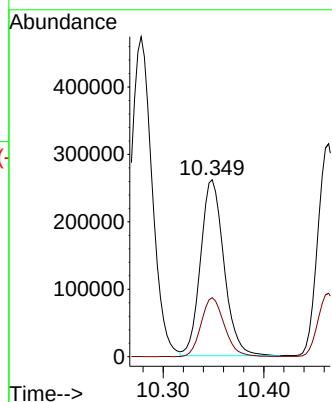
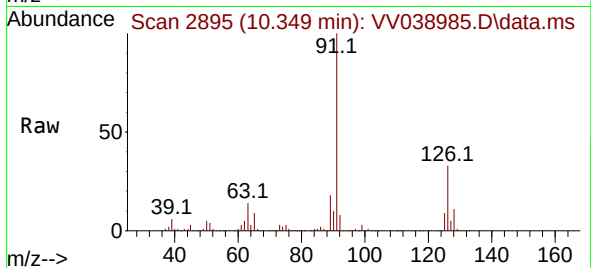
ClientSampleId :

Tgt Ion: 91 Resp: 422932

Ion Ratio Lower Upper

91 100

126 33.5 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.910 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV038985.D

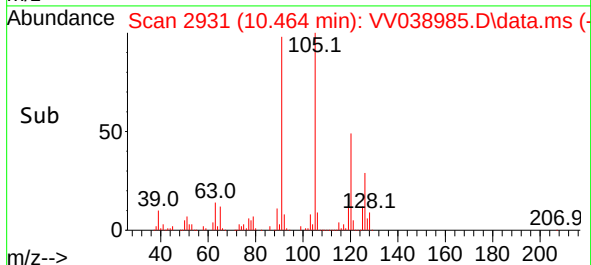
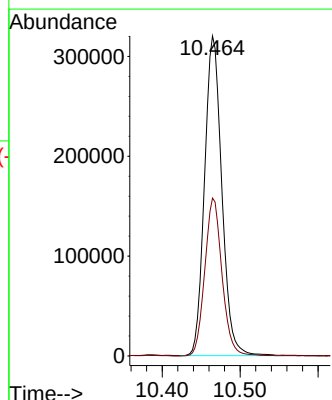
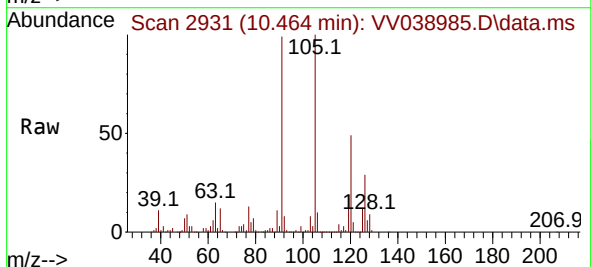
Acq: 21 Aug 2025 17:09

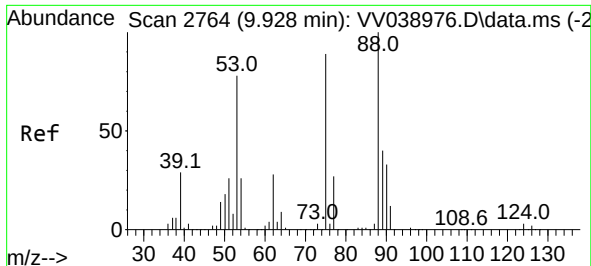
Tgt Ion: 105 Resp: 494427

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7

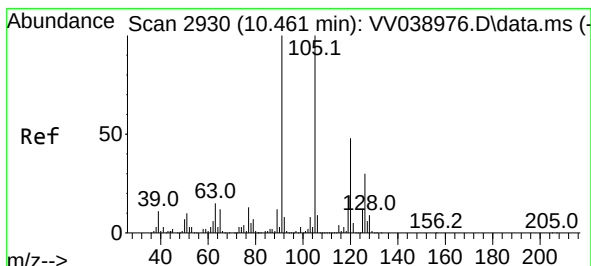
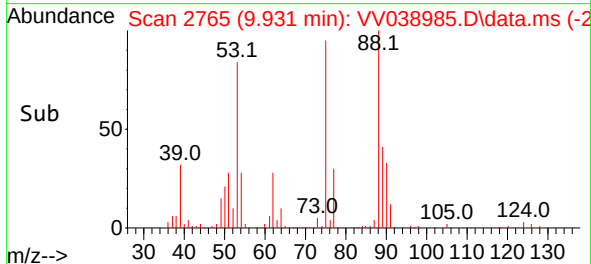
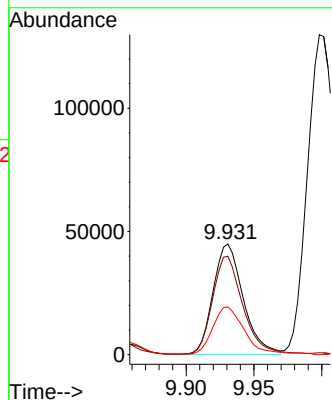
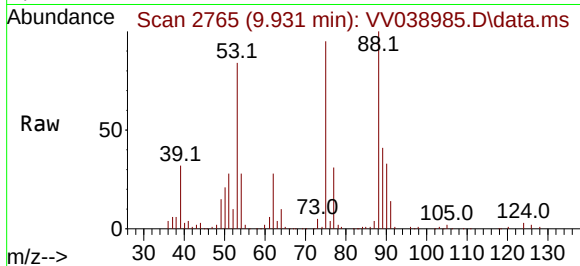




#81
trans-1,4-Dichloro-2-butene
Concen: 19.451 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

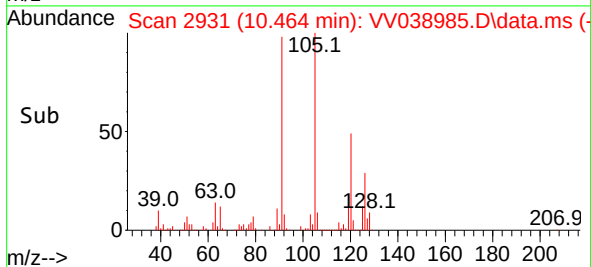
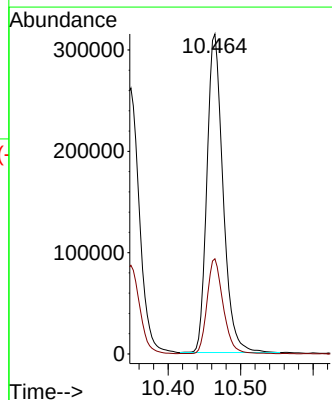
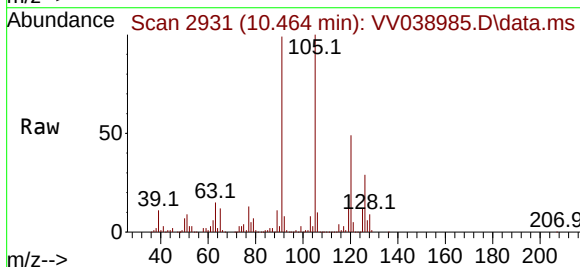
Instrument :
MSVOA_V
ClientSampleId :

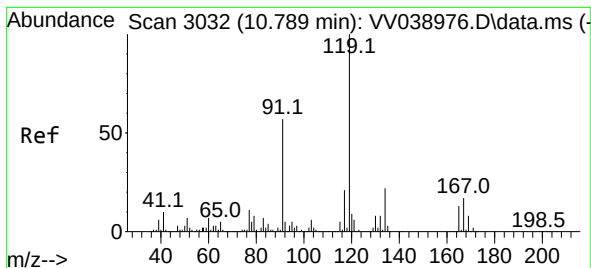
Tgt Ion: 75 Resp: 69104
Ion Ratio Lower Upper
75 100
53 89.4 70.3 105.5
89 46.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.889 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 91 Resp: 484923
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.5





#83

tert-Butylbenzene

Concen: 19.421 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

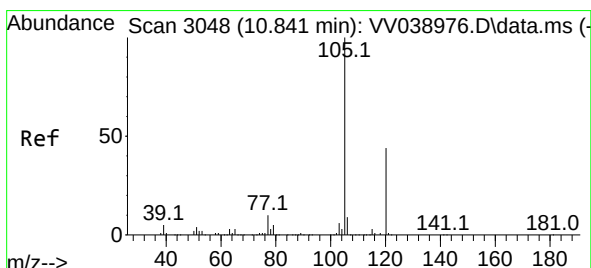
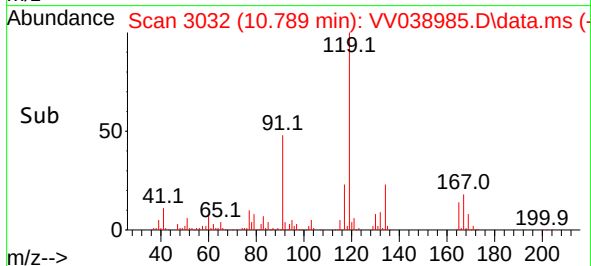
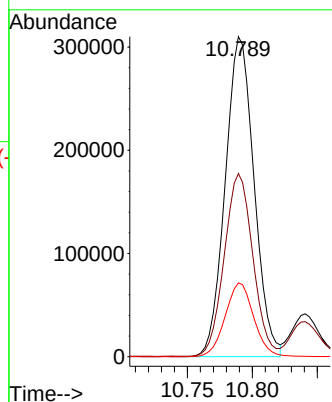
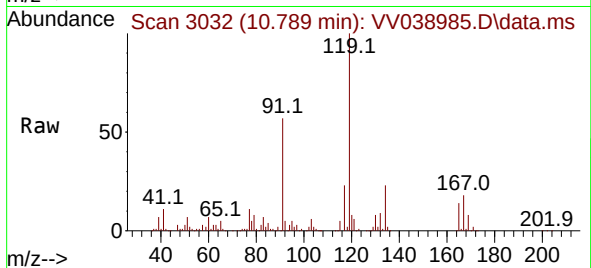
Tgt Ion:119 Resp: 478883

Ion Ratio Lower Upper

119 100

91 56.3 28.4 85.3

134 22.9 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 20.434 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV038985.D

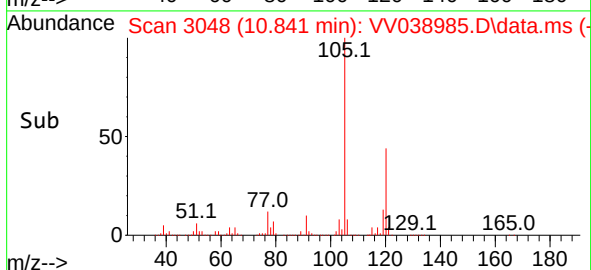
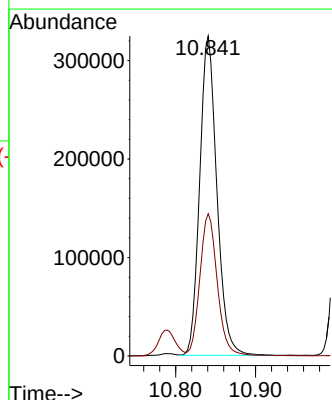
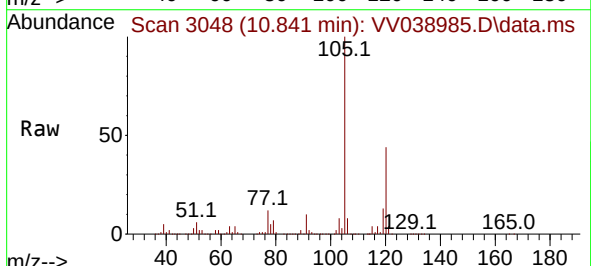
Acq: 21 Aug 2025 17:09

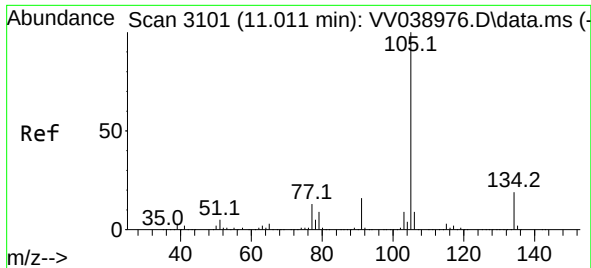
Tgt Ion:105 Resp: 485595

Ion Ratio Lower Upper

105 100

120 45.0 22.8 68.3

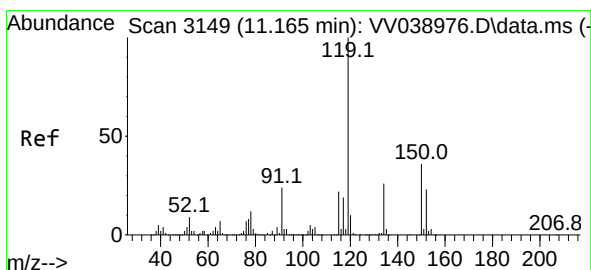
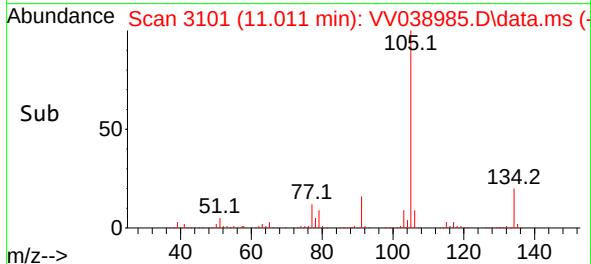
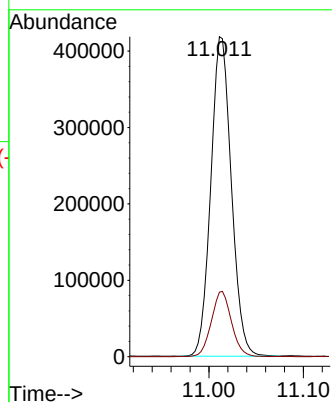
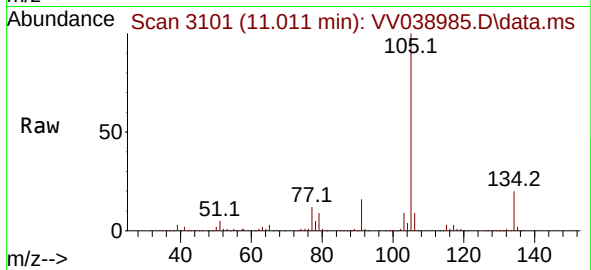




#85
 sec-Butylbenzene
 Concen: 19.651 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

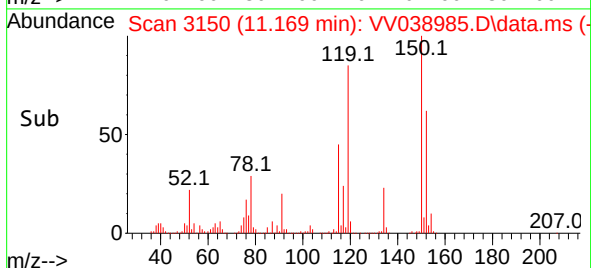
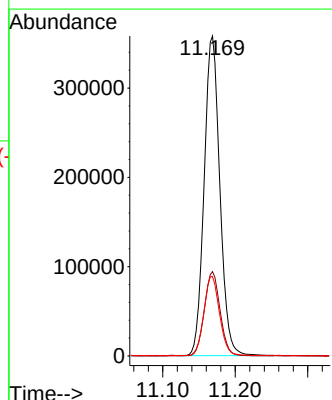
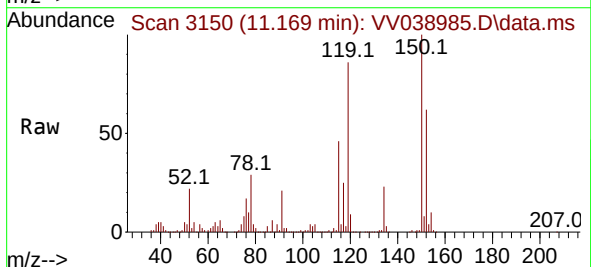
Instrument :
 MSVOA_V
 ClientSampleId :

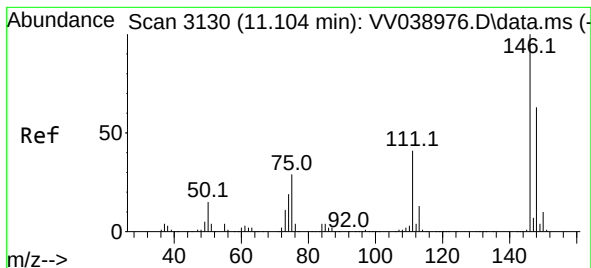
Tgt Ion:105 Resp: 630180
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.952 ug/l
 RT: 11.169 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV038985.D
 Acq: 21 Aug 2025 17:09

Tgt Ion:119 Resp: 538824
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 24.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 18.590 ug/l

RT: 11.108 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

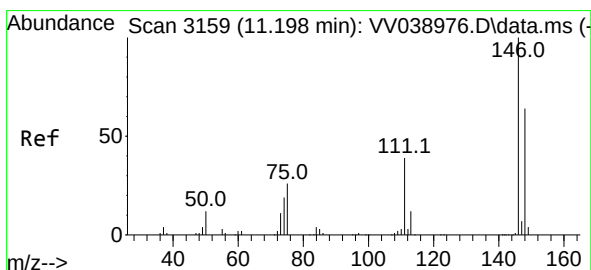
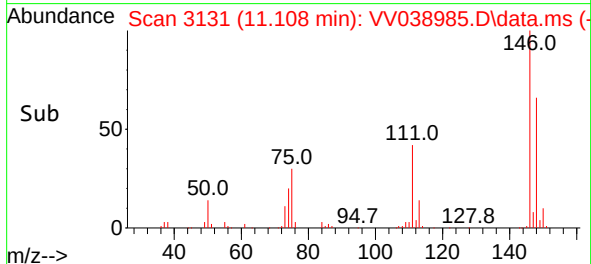
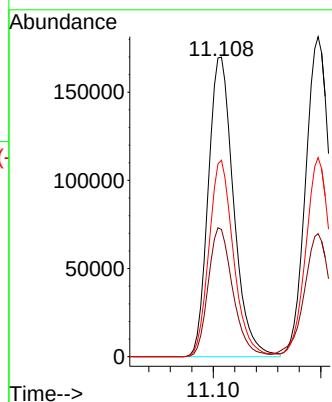
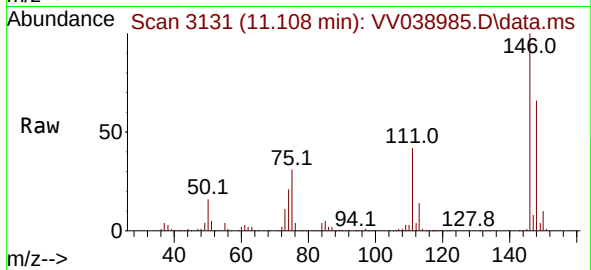
Tgt Ion:146 Resp: 278315

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.750 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

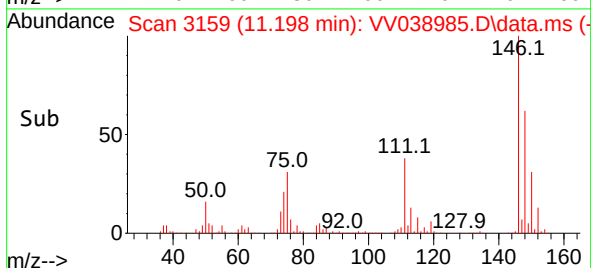
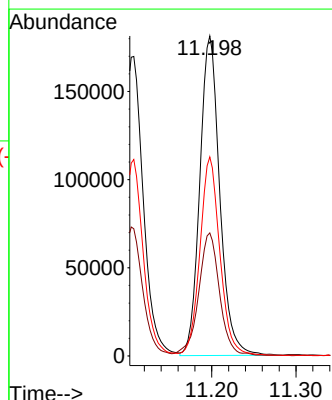
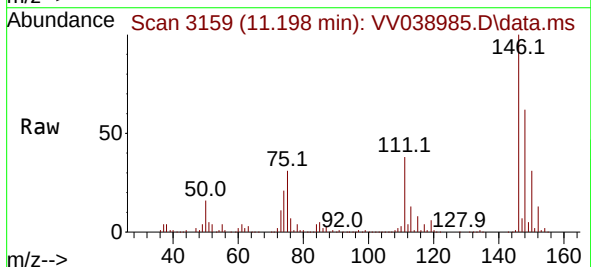
Tgt Ion:146 Resp: 299436

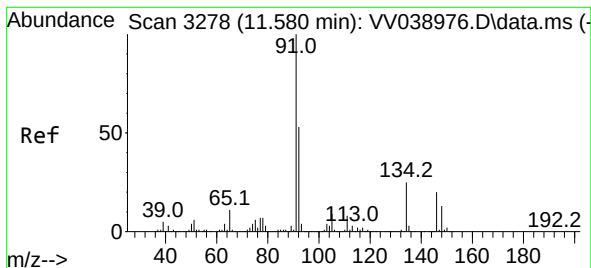
Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

148 62.3 31.8 95.3





#89

n-Butylbenzene

Concen: 18.390 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

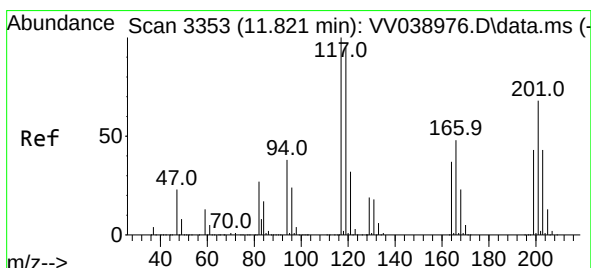
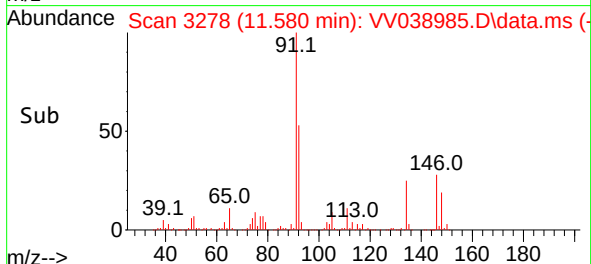
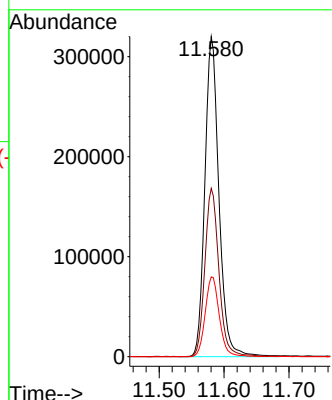
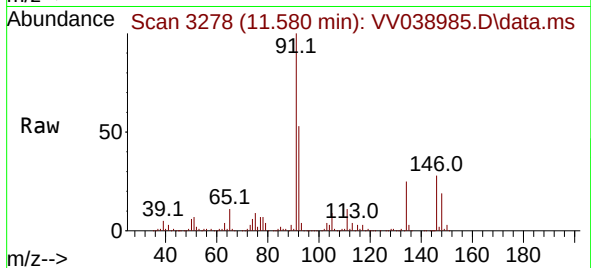
Tgt Ion: 91 Resp: 483857

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 17.955 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038985.D

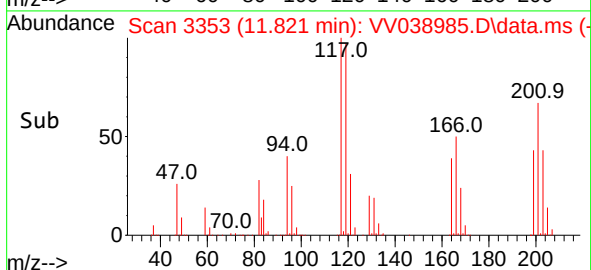
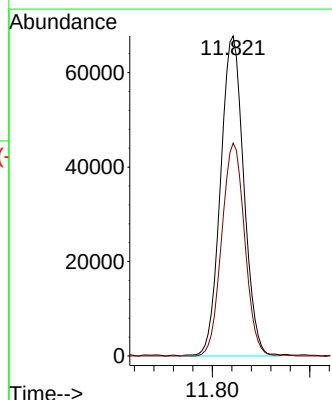
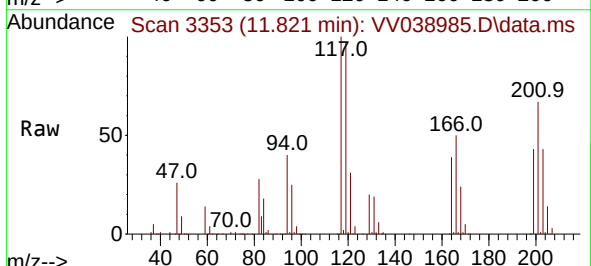
Acq: 21 Aug 2025 17:09

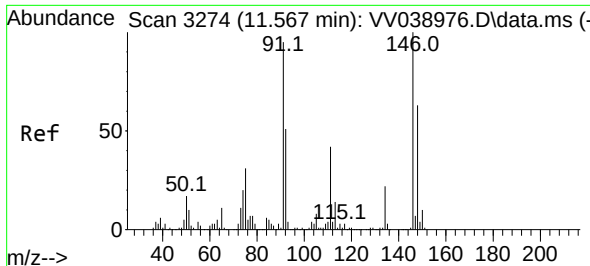
Tgt Ion: 117 Resp: 112062

Ion Ratio Lower Upper

117 100

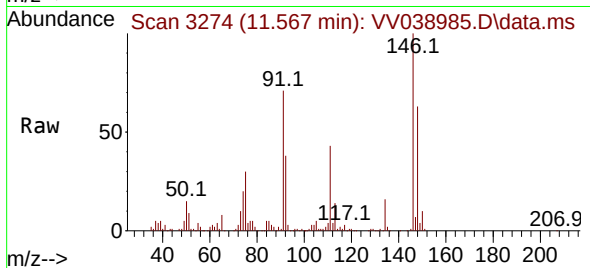
201 66.0 33.7 101.0



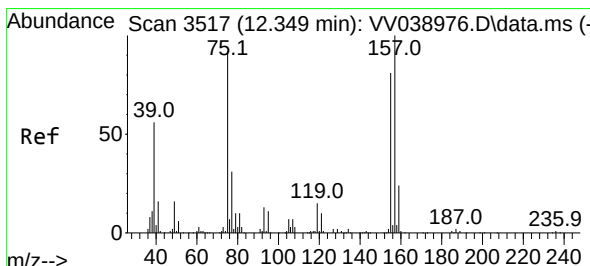
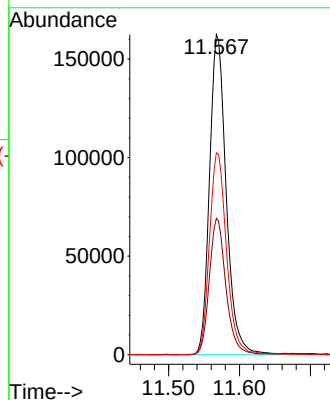
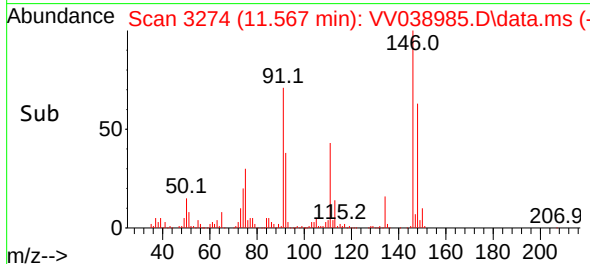


#91
1,2-Dichlorobenzene
Concen: 18.619 ug/l
RT: 11.567 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Instrument :
MSVOA_V
ClientSampleId :

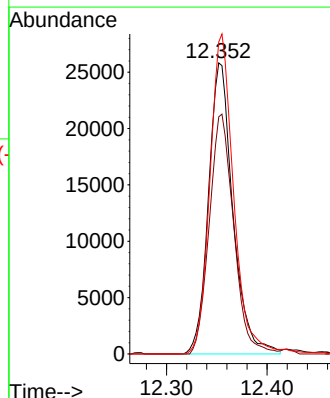
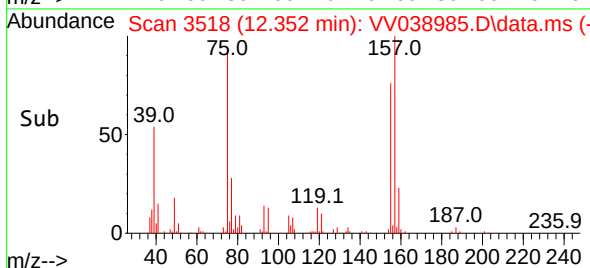
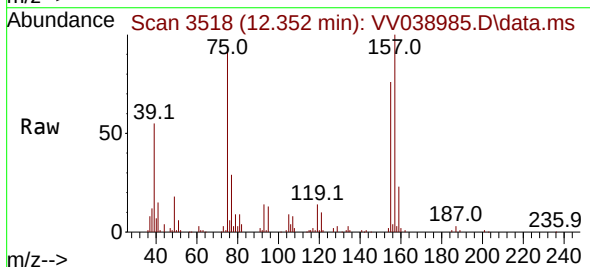


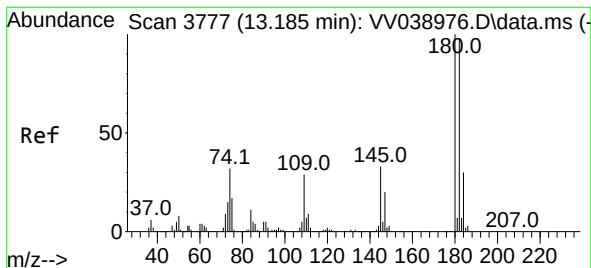
Tgt Ion:146 Resp: 265789
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.4
148 64.9 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.113 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV038985.D
Acq: 21 Aug 2025 17:09

Tgt Ion: 75 Resp: 43564
Ion Ratio Lower Upper
75 100
155 82.3 43.7 131.1
157 107.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 17.037 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

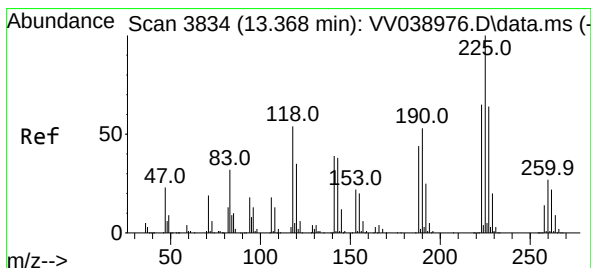
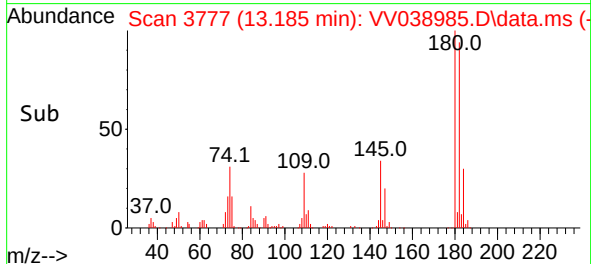
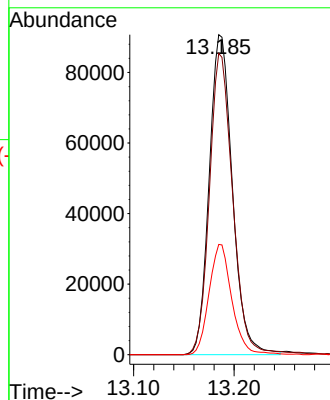
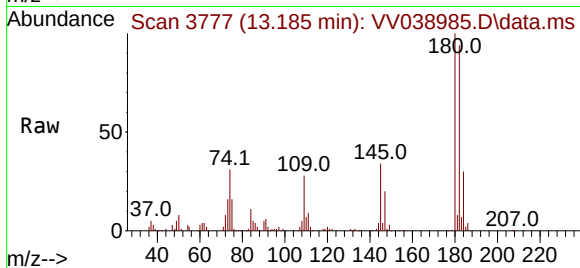
Tgt Ion:180 Resp: 145129

Ion Ratio Lower Upper

180 100

182 94.3 47.3 142.0

145 33.9 16.3 48.8



#94

Hexachlorobutadiene

Concen: 16.334 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

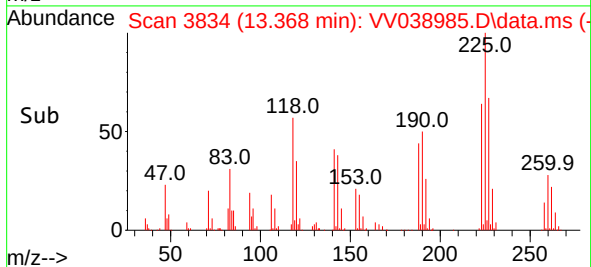
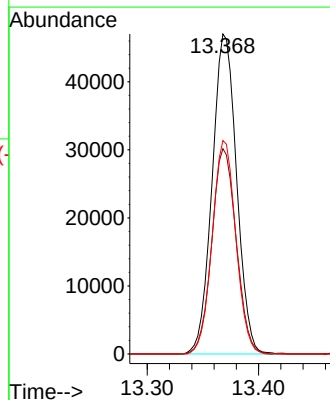
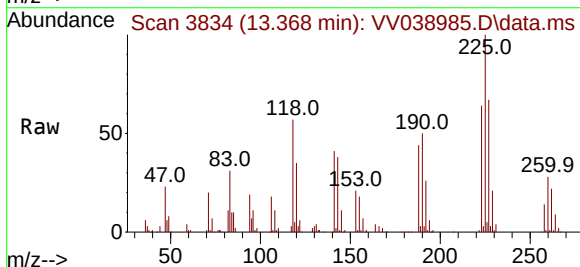
Tgt Ion:225 Resp: 71734

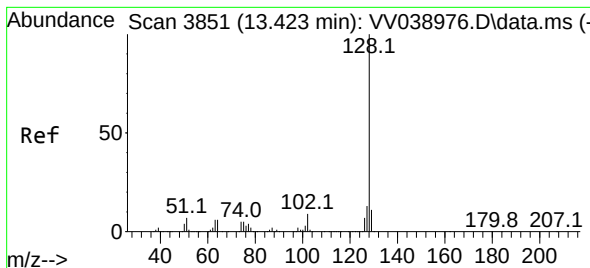
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.7

227 64.2 30.8 92.3





#95

Naphthalene

Concen: 17.619 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Instrument :

MSVOA_V

ClientSampleId :

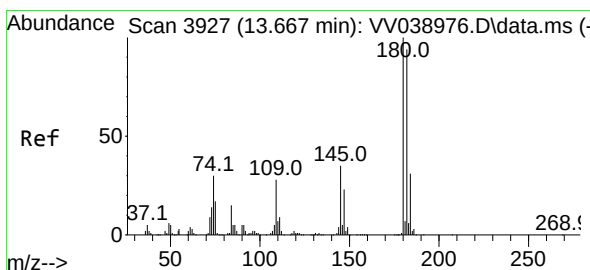
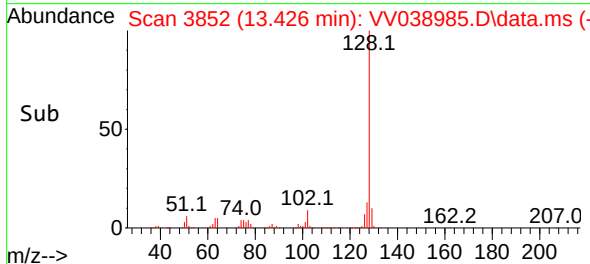
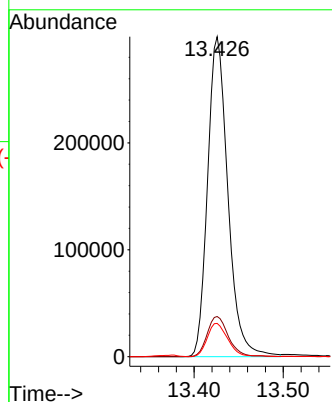
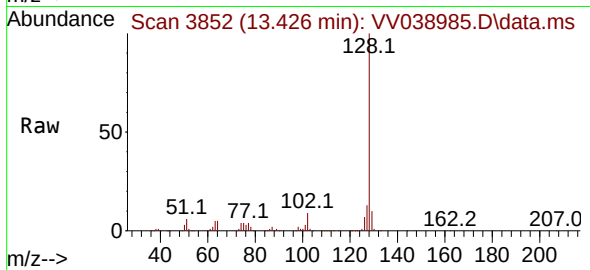
Tgt Ion:128 Resp: 473656

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.415 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038985.D

Acq: 21 Aug 2025 17:09

Tgt Ion:180 Resp: 158178

Ion Ratio Lower Upper

180 100

182 97.8 47.0 141.0

145 34.6 17.3 52.0

