

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023087.D
 Acq On : 14 Aug 2025 11:45
 Operator : SY/MD
 Sample : VY0814SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01

Quant Time: Aug 14 14:47:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	440114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	717756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	626725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	312365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227362	54.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.634	113	225892	52.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.103	98	884197	52.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	12.401	95	273855	50.753	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77892	21.682	ug/l	99
3) Chloromethane	2.068	50	142644	24.515	ug/l	98
4) Vinyl Chloride	2.202	62	175924	24.459	ug/l	98
5) Bromomethane	2.592	94	135494	25.224	ug/l	96
6) Chloroethane	2.732	64	117427	24.557	ug/l	99
7) Trichlorofluoromethane	3.049	101	192015	21.955	ug/l	99
8) Diethyl Ether	3.452	74	46584	20.132	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	94999	22.017	ug/l	99
10) Methyl Iodide	4.000	142	111759	24.003	ug/l	97
11) Tert butyl alcohol	4.860	59	26645	92.708	ug/l	100
12) 1,1-Dichloroethene	3.787	96	90215	21.272	ug/l	98
13) Acrolein	3.653	56	38323	91.047	ug/l	93
14) Allyl chloride	4.378	41	129279	20.716	ug/l	99
15) Acrylonitrile	5.055	53	96070	102.126	ug/l	99
16) Acetone	3.866	43	92571	101.868	ug/l	96
17) Carbon Disulfide	4.104	76	304061	21.988	ug/l	100
18) Methyl Acetate	4.385	43	56068	20.733	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	221092	20.118	ug/l	98
20) Methylene Chloride	4.610	84	114447	22.756	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	102154	21.433	ug/l	98
22) Diisopropyl ether	6.012	45	291470	21.494	ug/l	95
23) Vinyl Acetate	5.957	43	766046	102.161	ug/l	100
24) 1,1-Dichloroethane	5.909	63	182539	22.017	ug/l	99
25) 2-Butanone	6.890	43	122644	99.233	ug/l	98
26) 2,2-Dichloropropane	6.878	77	155065	21.675	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	117893	21.396	ug/l	100
28) Bromochloromethane	7.244	49	72174	21.942	ug/l	98
29) Tetrahydrofuran	7.256	42	75422	98.450	ug/l	98
30) Chloroform	7.421	83	188562	22.052	ug/l	97
31) Cyclohexane	7.701	56	160740	20.574	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	164781	21.719	ug/l	98
36) 1,1-Dichloropropene	7.835	75	132790	20.805	ug/l	99
37) Ethyl Acetate	6.988	43	52482	19.574	ug/l	98
38) Carbon Tetrachloride	7.811	117	145254	20.953	ug/l	97
39) Methylcyclohexane	9.103	83	165962	19.745	ug/l	100
40) Benzene	8.079	78	422488	21.476	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	28185	18.215	ug/l	93
42) 1,2-Dichloroethane	8.152	62	107615	21.033	ug/l	99
43) Isopropyl Acetate	8.195	43	105845	19.532	ug/l	100
44) Trichloroethene	8.859	130	105099	20.673	ug/l	95
45) 1,2-Dichloropropane	9.140	63	96326	21.281	ug/l	98
46) Dibromomethane	9.231	93	54207	20.865	ug/l	96
47) Bromodichloromethane	9.420	83	142496	21.316	ug/l	98
48) Methyl methacrylate	9.219	41	50034	19.294	ug/l	99
49) 1,4-Dioxane	9.225	88	12367	405.972	ug/l	97
51) 4-Methyl-2-Pentanone	9.993	43	269803	96.519	ug/l	99
52) Toluene	10.170	92	263665	21.103	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	123723	20.438	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	147619	20.622	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	71850	20.668	ug/l	98
56) Ethyl methacrylate	10.438	69	82052	18.445	ug/l	96
57) 1,3-Dichloropropane	10.713	76	120349	20.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	207183	98.737	ug/l	100
59) 2-Hexanone	10.755	43	181752	95.486	ug/l	97
60) Dibromochloromethane	10.908	129	93374	20.356	ug/l	98
61) 1,2-Dibromoethane	11.011	107	67027	20.513	ug/l	99
64) Tetrachloroethene	10.646	164	109781	19.617	ug/l	98
65) Chlorobenzene	11.438	112	285369	21.110	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	96112	20.948	ug/l	99
67) Ethyl Benzene	11.517	91	474005	20.375	ug/l	97
68) m/p-Xylenes	11.627	106	378562	41.664	ug/l	99
69) o-Xylene	11.950	106	174623	20.520	ug/l	100
70) Styrene	11.962	104	286979	20.621	ug/l	100
71) Bromoform	12.127	173	54324	20.259	ug/l #	100
73) Isopropylbenzene	12.249	105	442723	20.081	ug/l	100
74) N-amyl acetate	12.066	43	87193	18.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	78539	20.864	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	98955	32.825	ug/l #	100
77) Bromobenzene	12.529	156	105005	19.964	ug/l	97
78) n-propylbenzene	12.590	91	548250	20.888	ug/l	100
79) 2-Chlorotoluene	12.676	91	309929	20.609	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	367513	20.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	23035	18.496	ug/l	94
82) 4-Chlorotoluene	12.773	91	325249	20.848	ug/l	100
83) tert-Butylbenzene	12.993	119	326740	20.304	ug/l	100
84) 1,2,4-Trimethylbenzene	13.035	105	367984	20.747	ug/l	99
85) sec-Butylbenzene	13.170	105	489089	20.690	ug/l	100
86) p-Isopropyltoluene	13.285	119	403954	20.587	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	217547	20.974	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	213512	20.752	ug/l	98
89) n-Butylbenzene	13.615	91	371218	20.598	ug/l	98
90) Hexachloroethane	13.871	117	84649	21.074	ug/l	97
91) 1,2-Dichlorobenzene	13.651	146	188585	20.732	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11291	19.265	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	103325	19.208	ug/l	99
94) Hexachlorobutadiene	15.017	225	64258	20.329	ug/l	98
95) Naphthalene	15.139	128	168186	18.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	88181	19.024	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

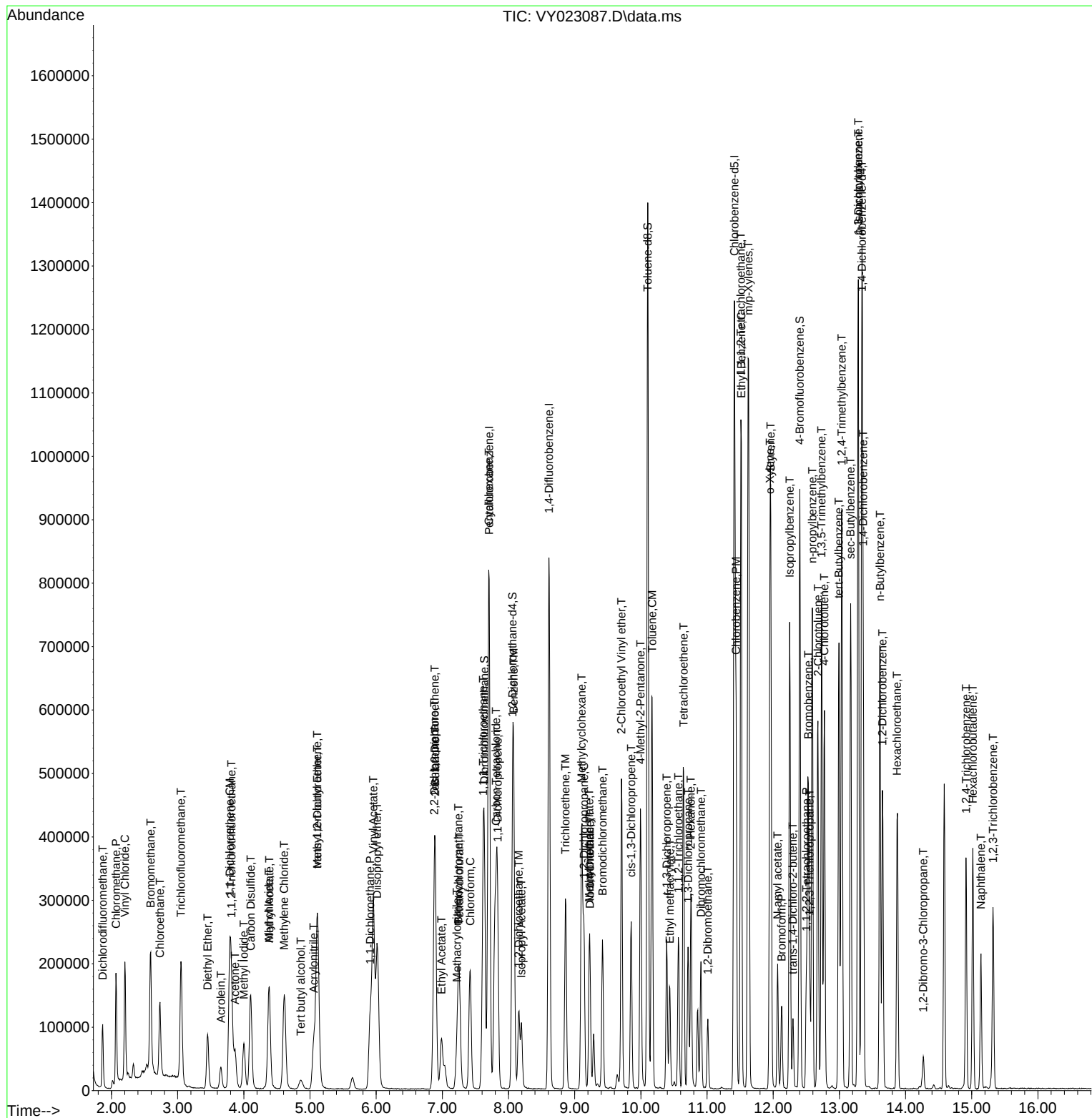
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
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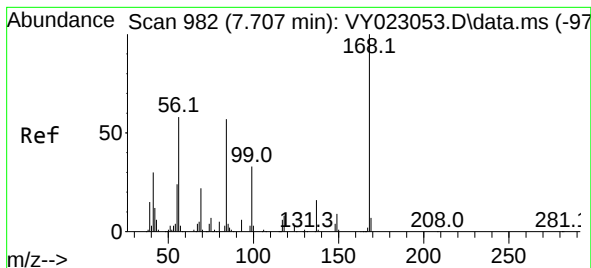
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

Quant Time: Aug 14 14:47:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

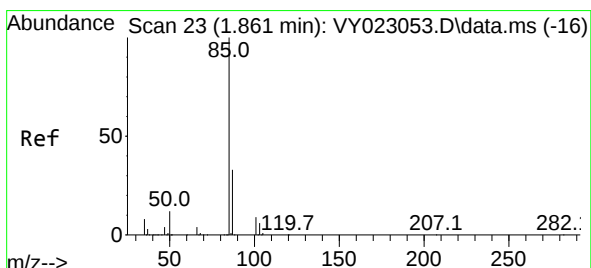
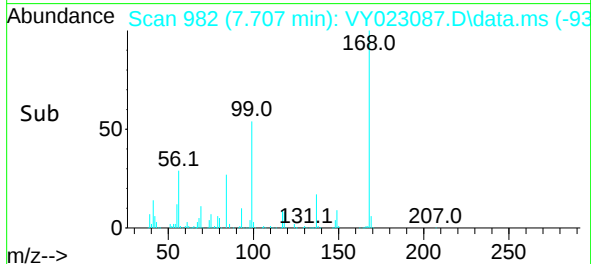
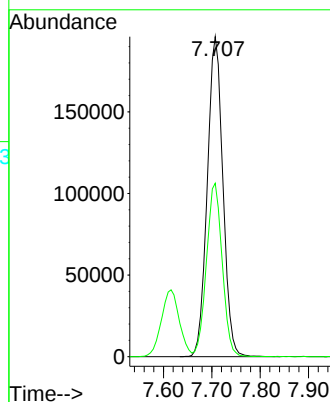
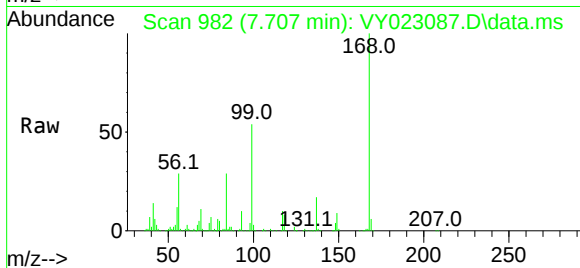
VY0814SBSD01

Tgt Ion:168 Resp: 440114

Ion Ratio Lower Upper

168 100

99 54.2 42.8 64.2



#2

Dichlorodifluoromethane

Concen: 21.682 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023087.D

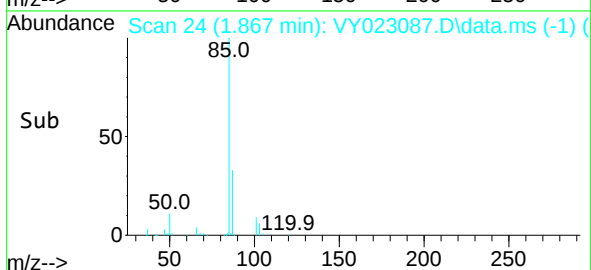
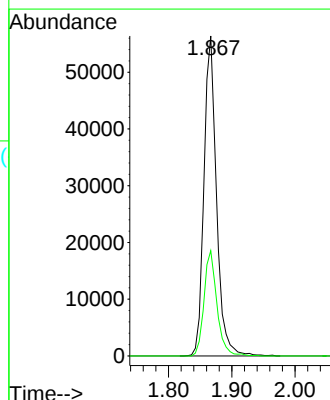
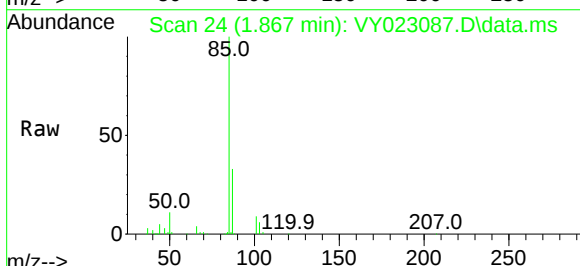
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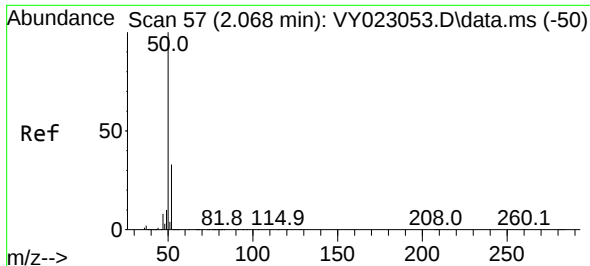
Tgt Ion: 85 Resp: 77892

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.8

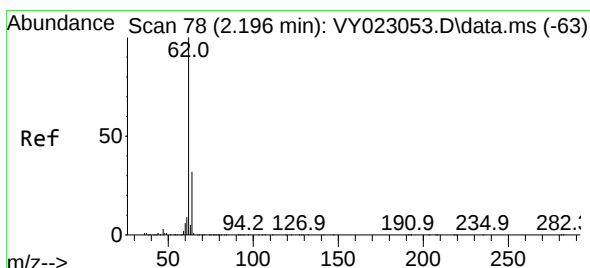
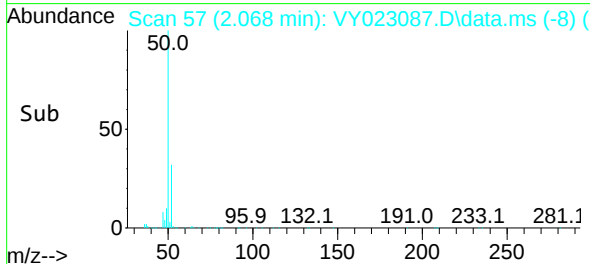
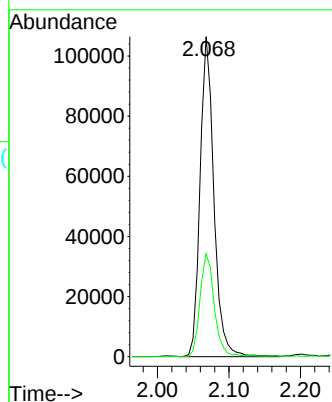
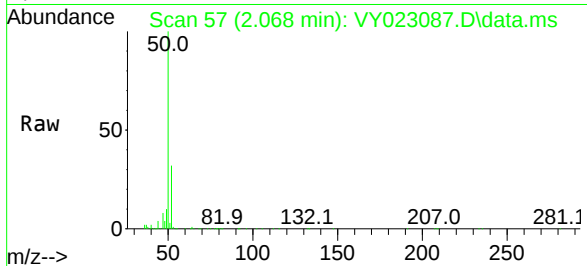




#3
Chloromethane
Concen: 24.515 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

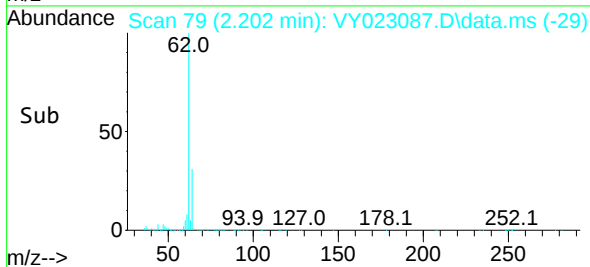
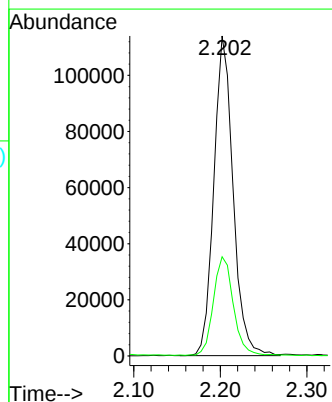
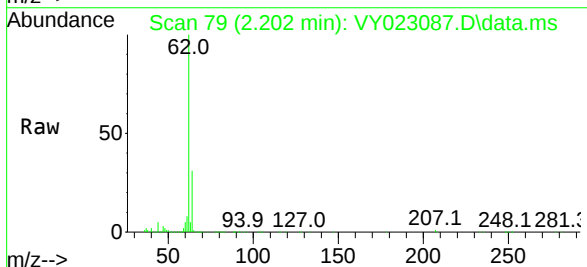
Instrument :
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VY0814SBSD01

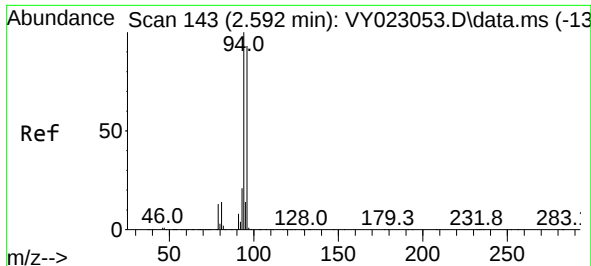
Tgt Ion: 50 Resp: 142644
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1



#4
Vinyl Chloride
Concen: 24.459 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 62 Resp: 175924
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

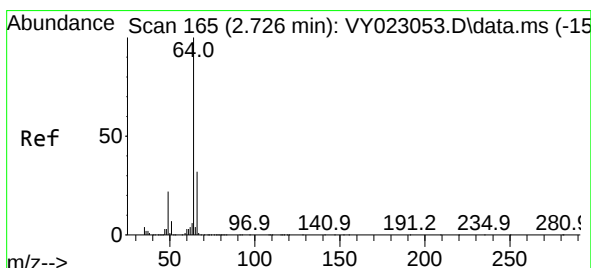
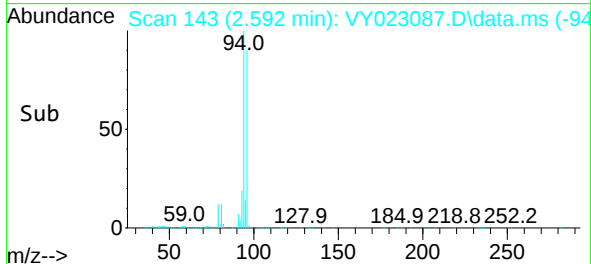
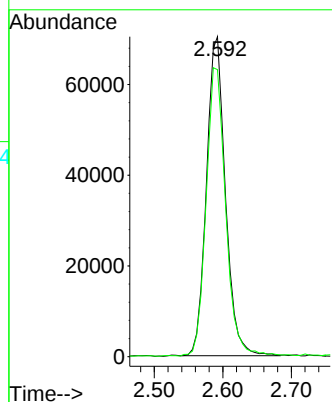
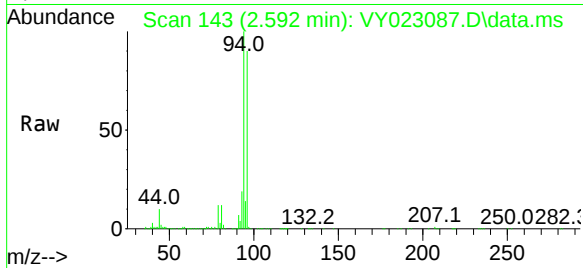




#5
Bromomethane
Concen: 25.224 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

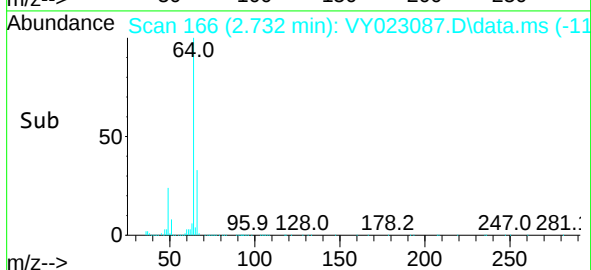
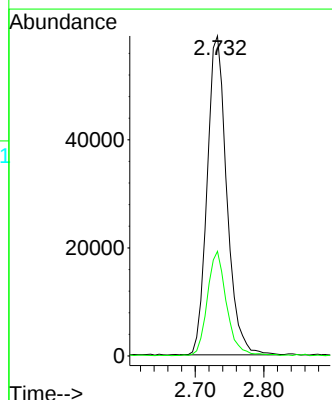
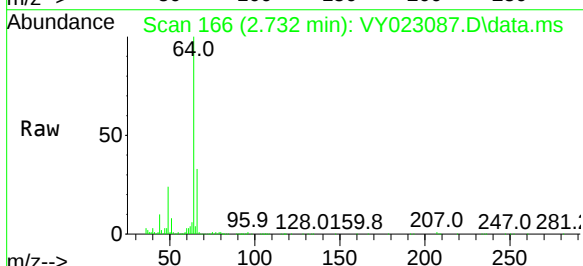
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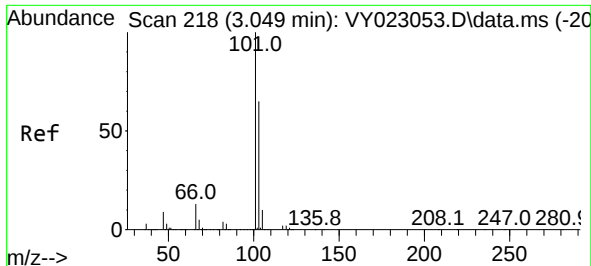
Tgt Ion: 94 Resp: 135494
Ion Ratio Lower Upper
94 100
96 89.8 74.6 112.0



#6
Chloroethane
Concen: 24.557 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 64 Resp: 117427
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.6

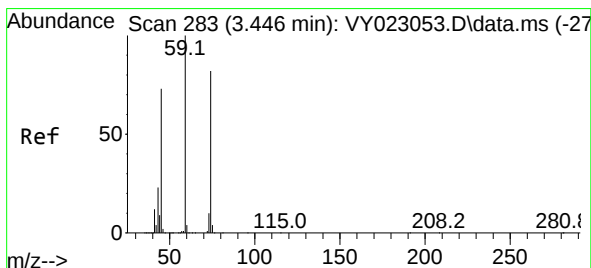
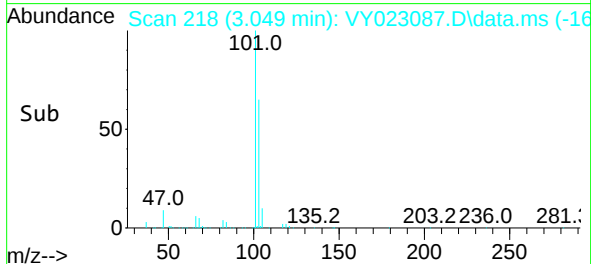
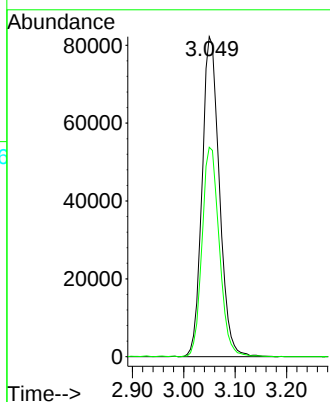
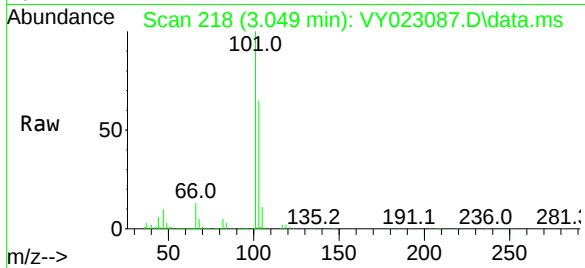




#7
 Trichlorofluoromethane
 Concen: 21.955 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

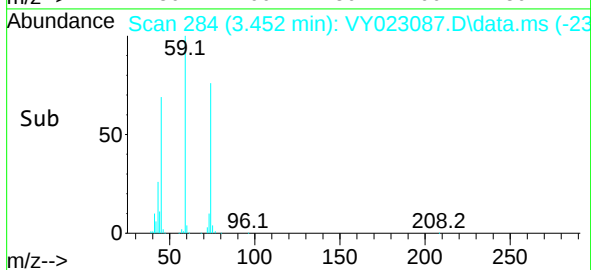
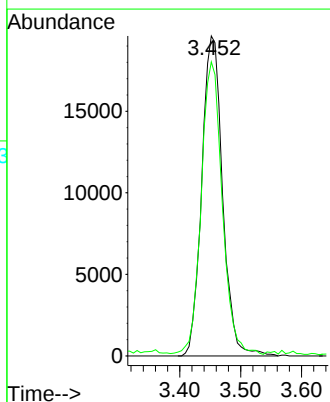
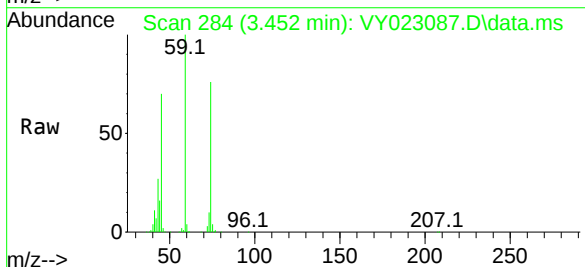
Instrument :
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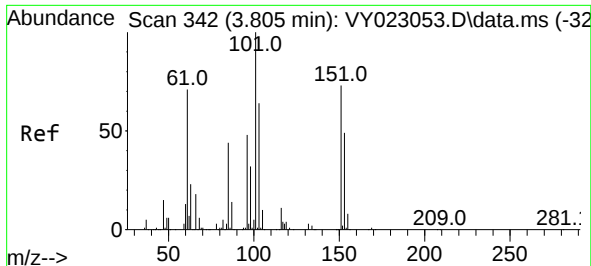
Tgt Ion:101 Resp: 192015
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.132 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

Tgt Ion: 74 Resp: 46584
 Ion Ratio Lower Upper
 74 100
 45 92.3 44.4 133.2

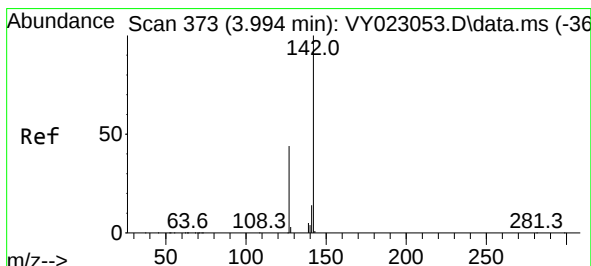
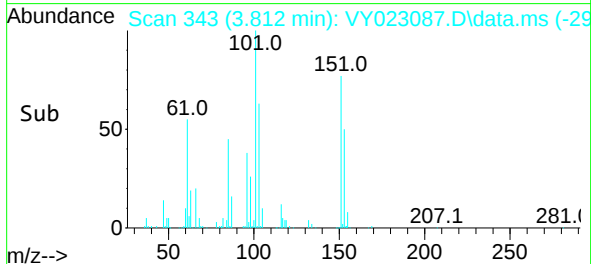
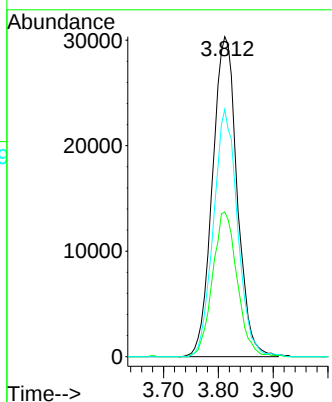
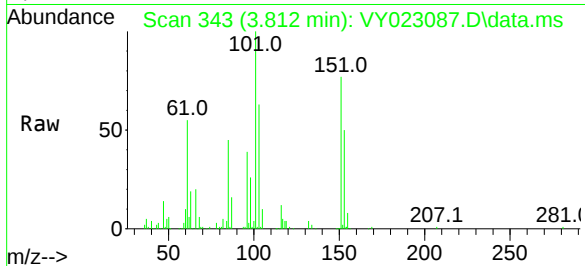




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.017 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

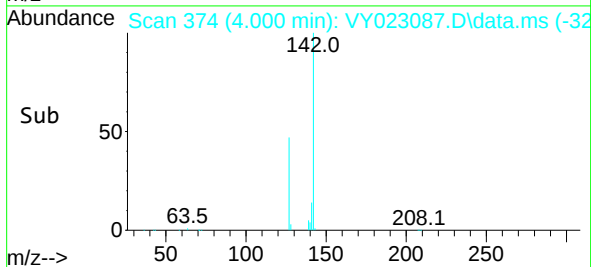
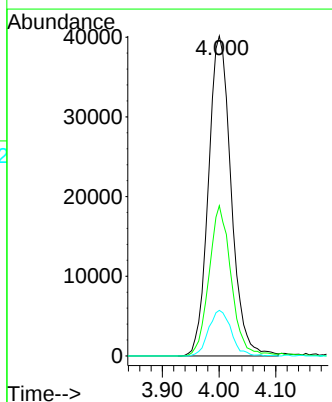
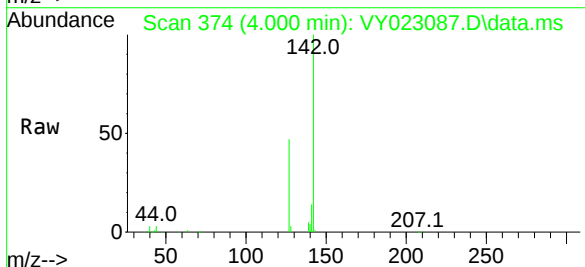
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

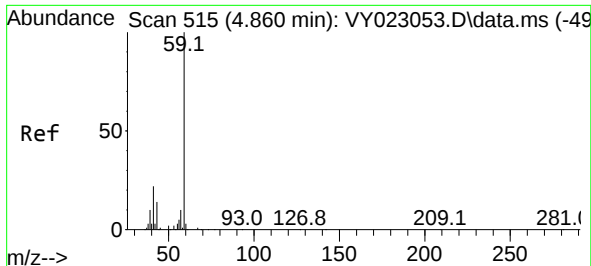
Tgt Ion:101 Resp: 94999
Ion Ratio Lower Upper
101 100
85 45.1 36.3 54.5
151 75.6 61.5 92.3



#10
Methyl Iodide
Concen: 24.003 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion:142 Resp: 111759
Ion Ratio Lower Upper
142 100
127 45.9 34.9 52.3
141 14.2 11.3 16.9

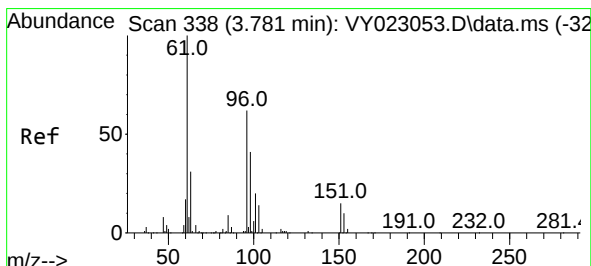
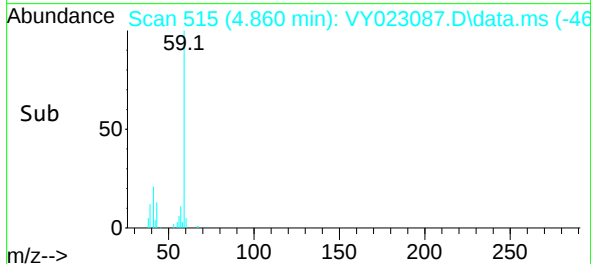
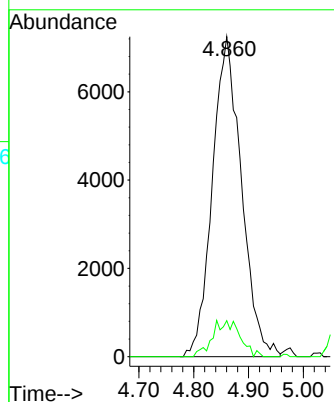
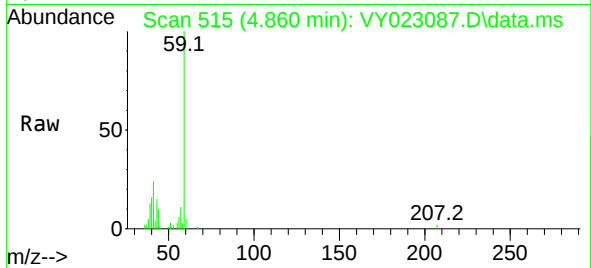




#11
Tert butyl alcohol
Concen: 92.708 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

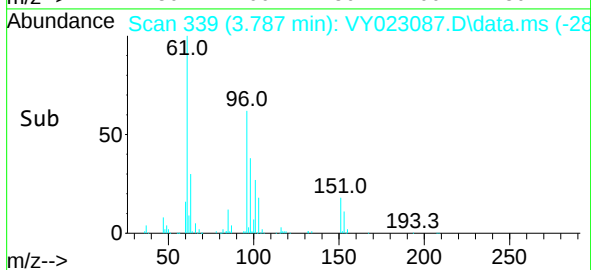
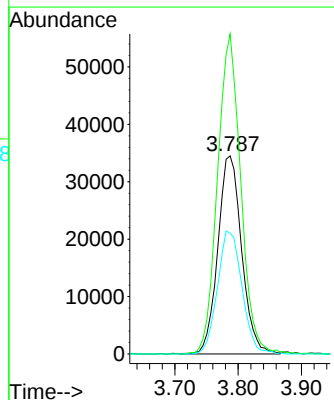
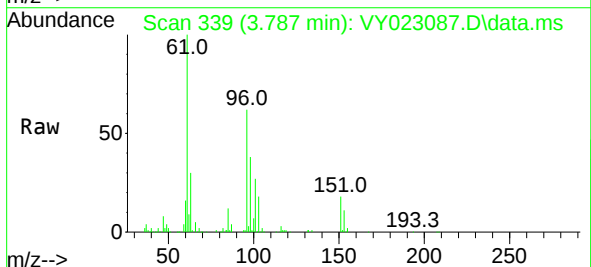
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

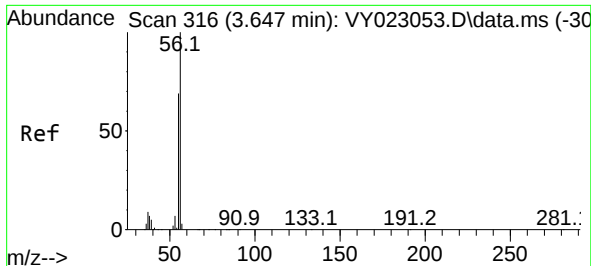
Tgt Ion: 59 Resp: 26645
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 21.272 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

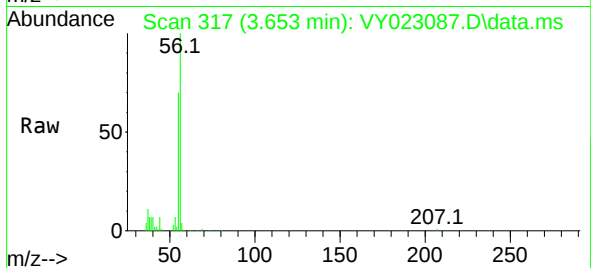
Tgt Ion: 96 Resp: 90215
Ion Ratio Lower Upper
96 100
61 161.5 129.4 194.2
98 61.0 52.8 79.2



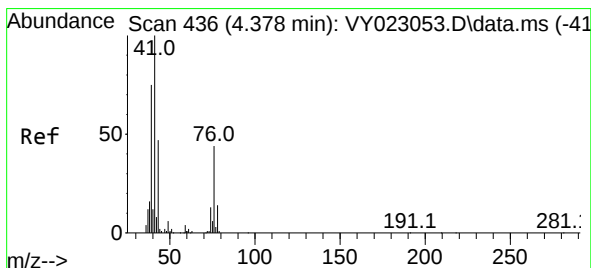
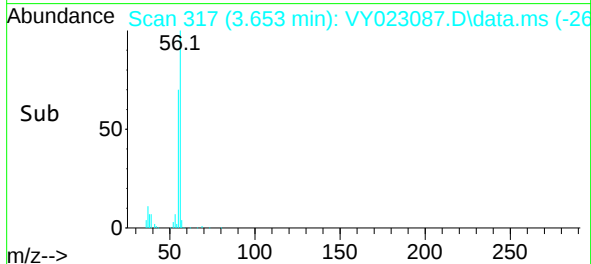
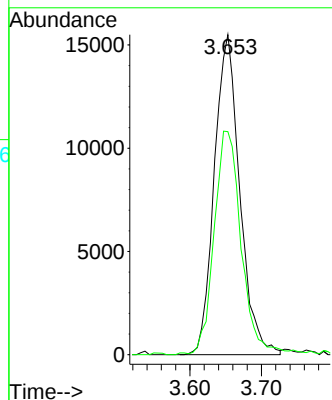


#13
Acrolein
Concen: 91.047 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

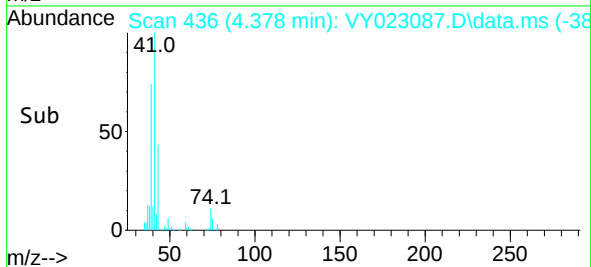
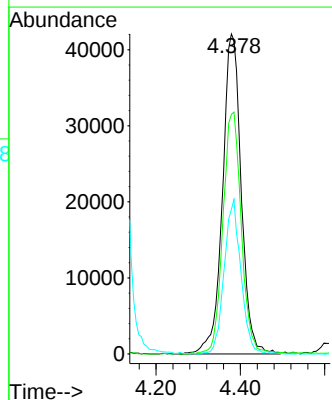
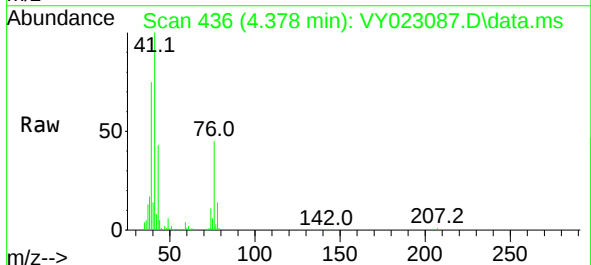


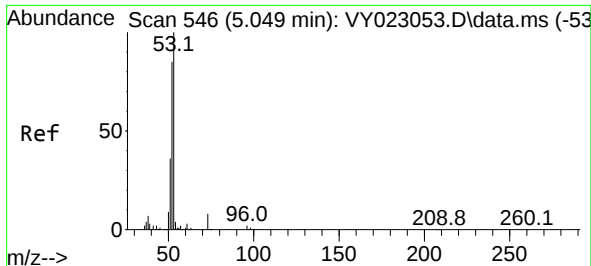
Tgt Ion: 56 Resp: 38323
Ion Ratio Lower Upper
56 100
55 74.7 55.2 82.8



#14
Allyl chloride
Concen: 20.716 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 41 Resp: 129279
Ion Ratio Lower Upper
41 100
39 74.5 59.8 89.6
76 43.2 33.7 50.5

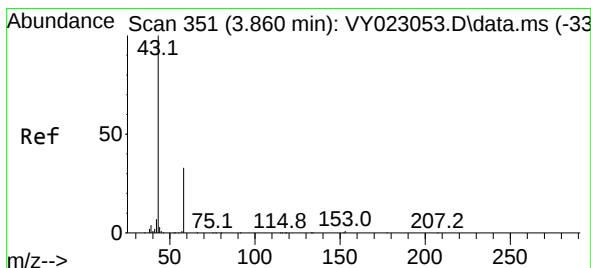
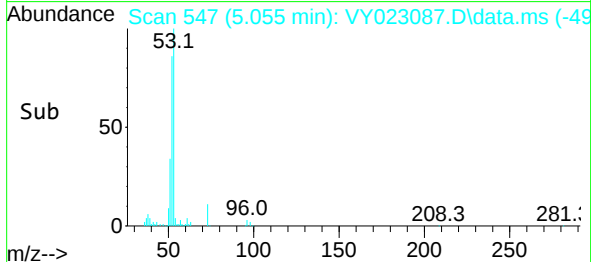
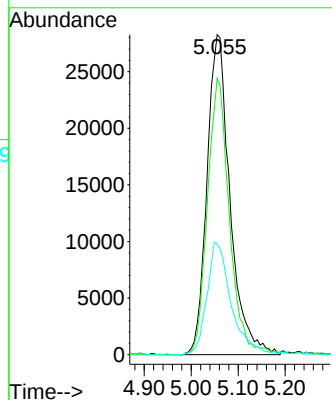
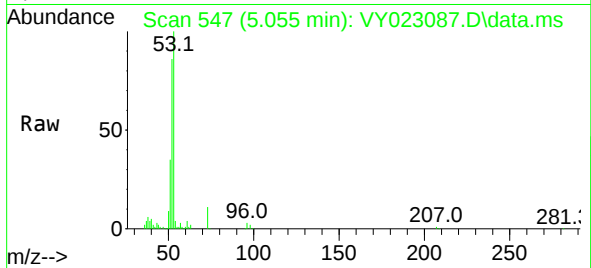




#15
Acrylonitrile
Concen: 102.126 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

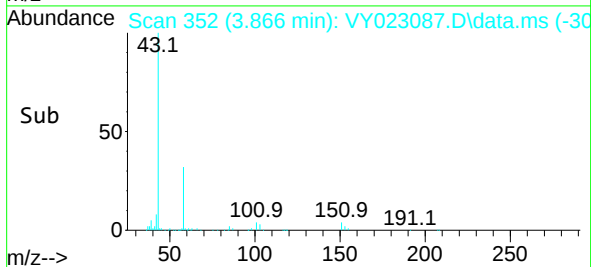
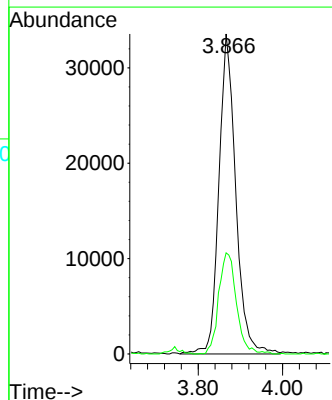
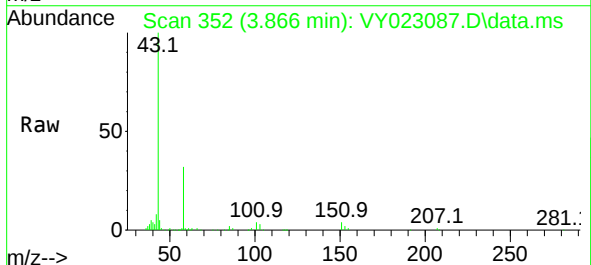
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

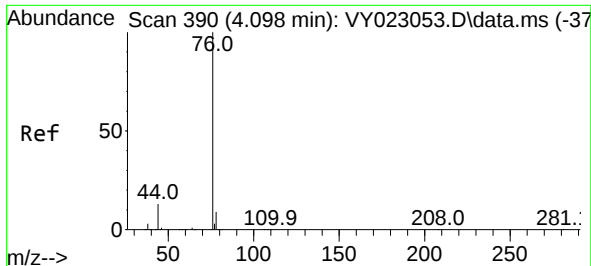
Tgt Ion: 53 Resp: 96070
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.9 29.5 44.3



#16
Acetone
Concen: 101.868 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 43 Resp: 92571
Ion Ratio Lower Upper
43 100
58 31.4 27.1 40.7

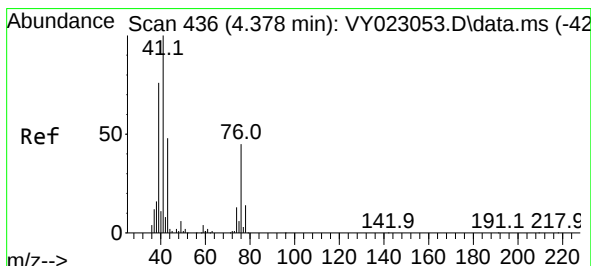
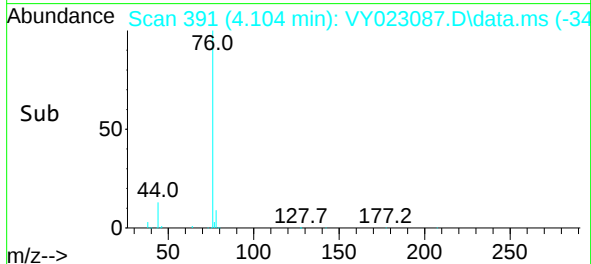
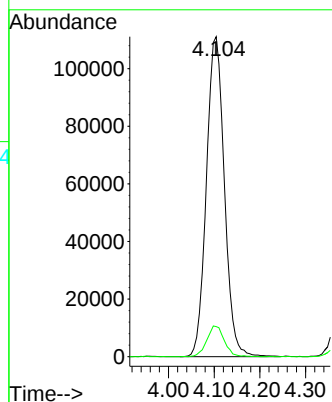
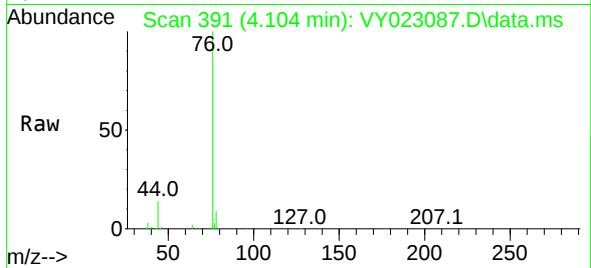




#17
Carbon Disulfide
Concen: 21.988 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

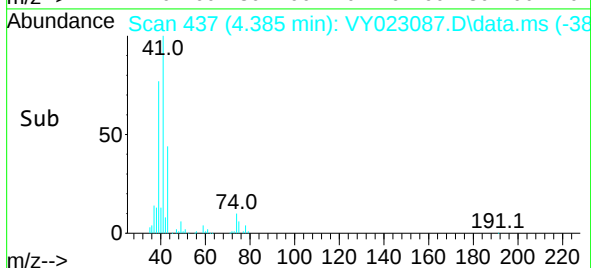
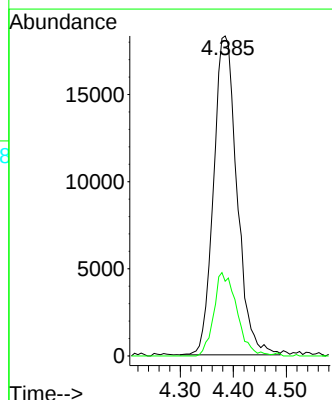
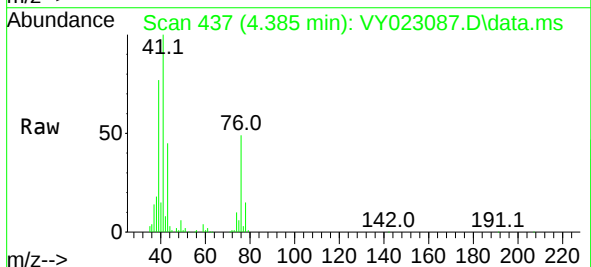
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

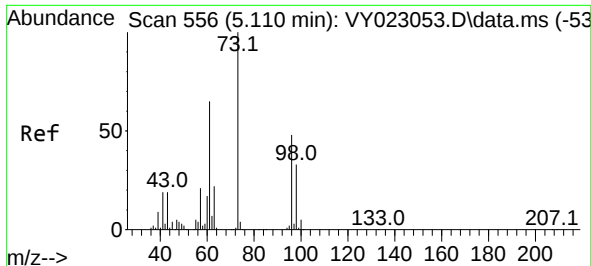
Tgt Ion: 76 Resp: 304061
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 20.733 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 43 Resp: 56068
Ion Ratio Lower Upper
43 100
74 25.7 21.2 31.8

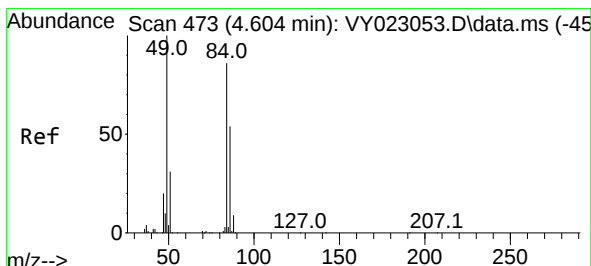
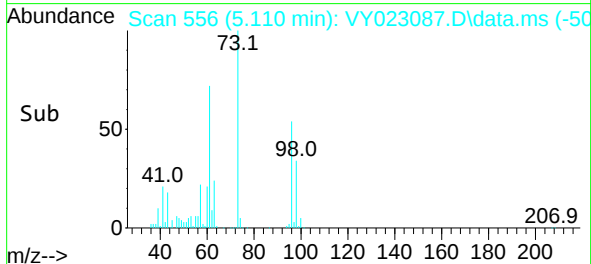
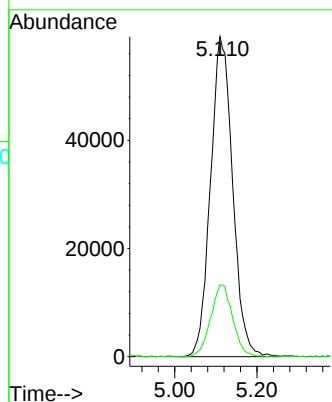
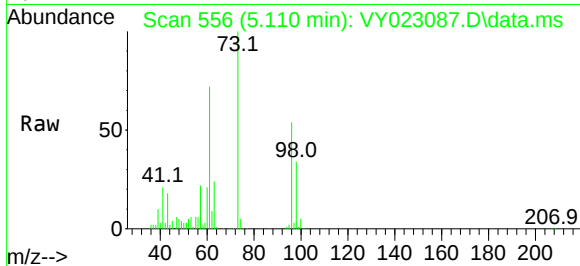




#19
Methyl tert-butyl Ether
Concen: 20.118 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

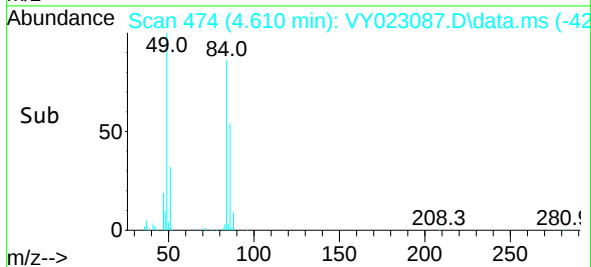
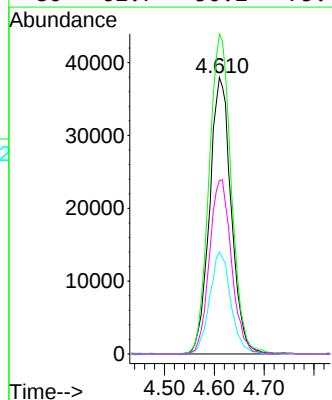
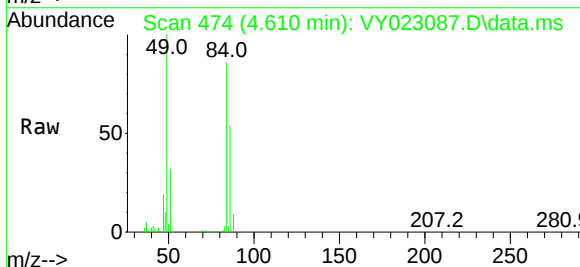
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

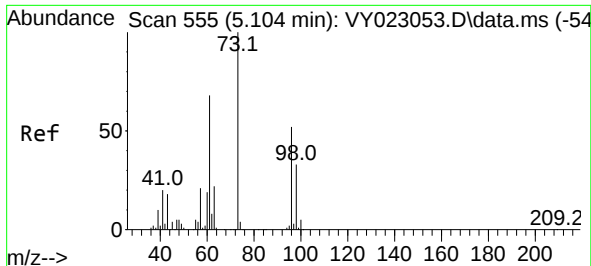
Tgt Ion: 73 Resp: 221092
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 22.756 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 84 Resp: 114447
Ion Ratio Lower Upper
84 100
49 115.7 93.0 139.6
51 36.9 29.0 43.4
86 62.7 50.2 75.4

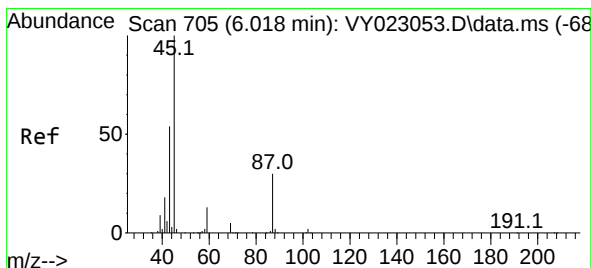
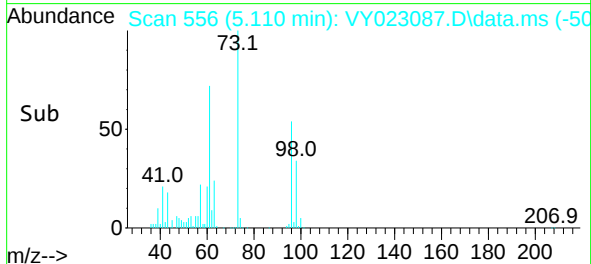
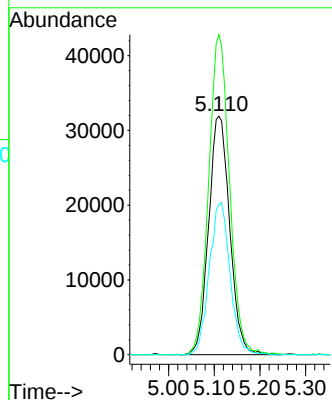
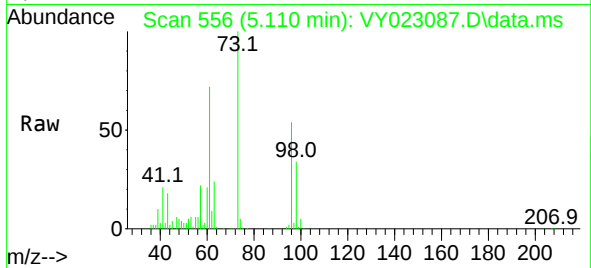




#21
trans-1,2-Dichloroethene
Concen: 21.433 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

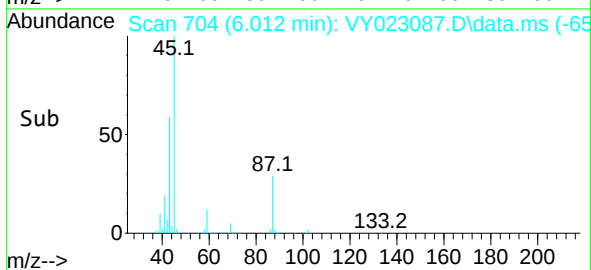
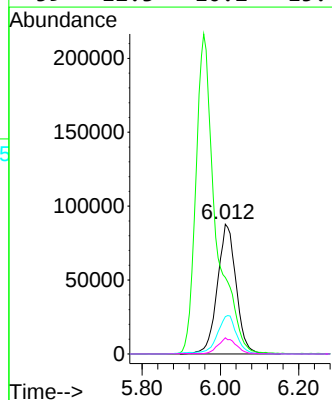
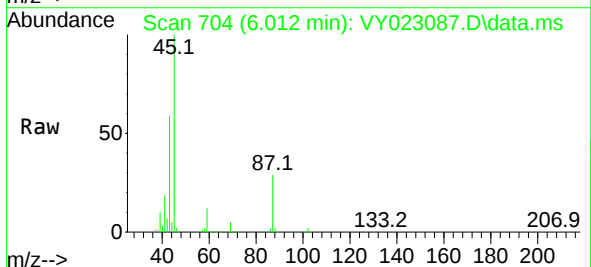
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

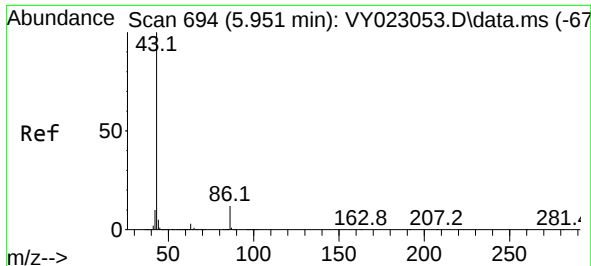
Tgt Ion: 96 Resp: 102154
Ion Ratio Lower Upper
96 100
61 134.1 104.8 157.2
98 62.8 50.1 75.1



#22
Diisopropyl ether
Concen: 21.494 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 45 Resp: 291470
Ion Ratio Lower Upper
45 100
43 58.6 43.4 65.0
87 28.8 24.4 36.6
59 12.3 10.2 15.4

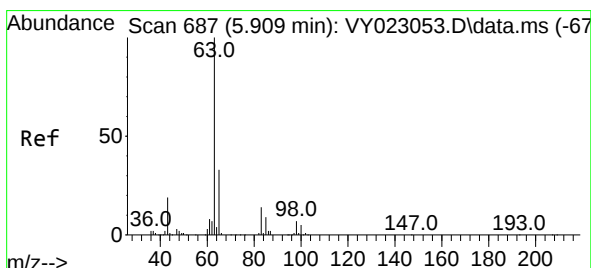
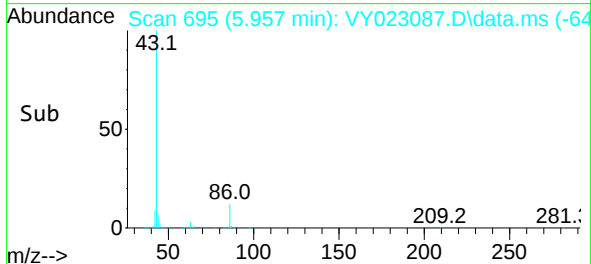
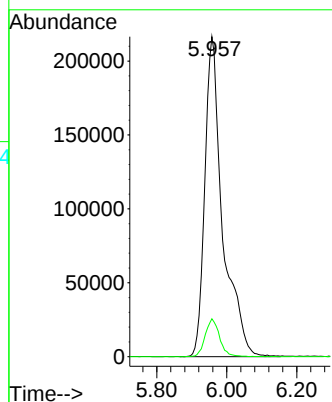
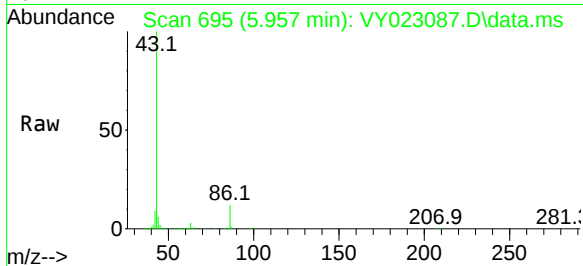




#23
 Vinyl Acetate
 Concen: 102.161 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

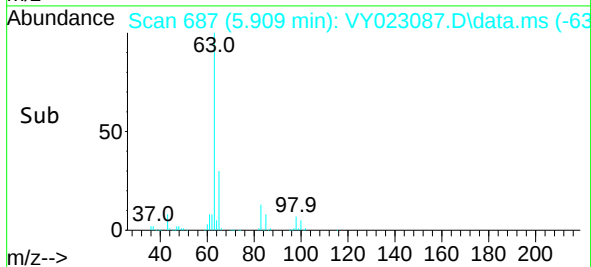
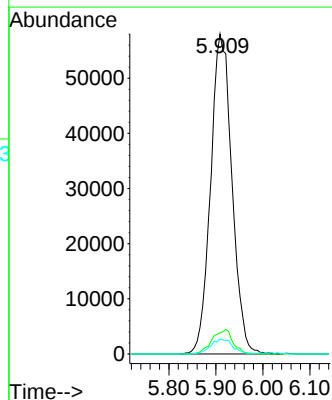
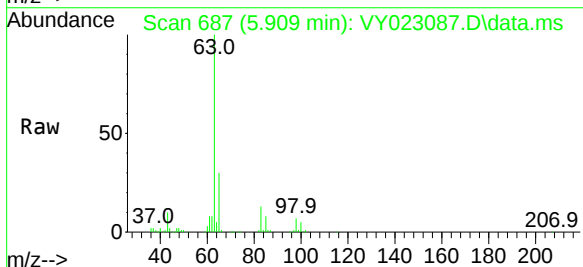
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBSD01

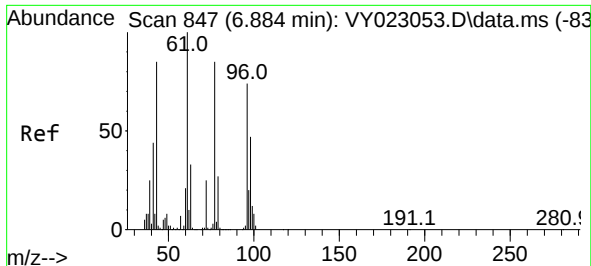
Tgt Ion: 43 Resp: 766046
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 22.017 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

Tgt Ion: 63 Resp: 182539
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 99.233 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

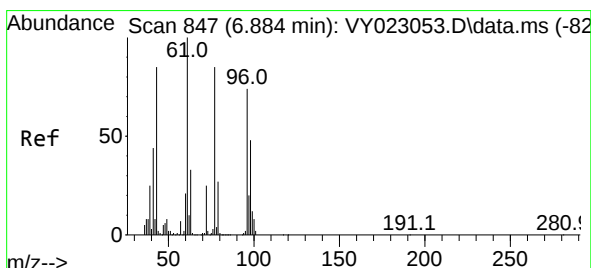
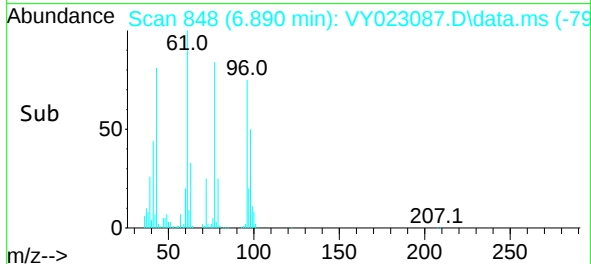
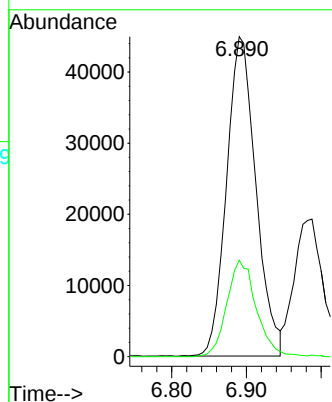
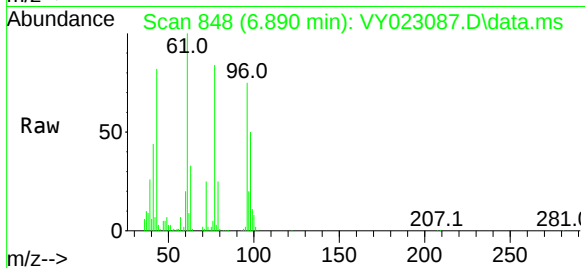
VY0814SBS01

Tgt Ion: 43 Resp: 122644

Ion Ratio Lower Upper

43 100

72 30.2 23.5 35.3



#26

2,2-Dichloropropane

Concen: 21.675 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY023087.D

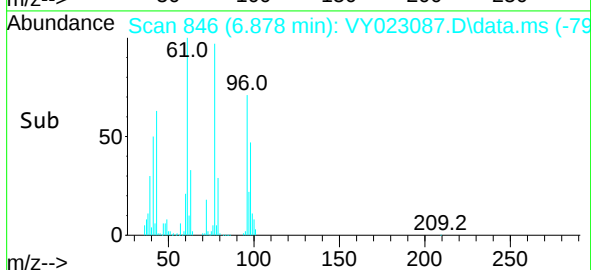
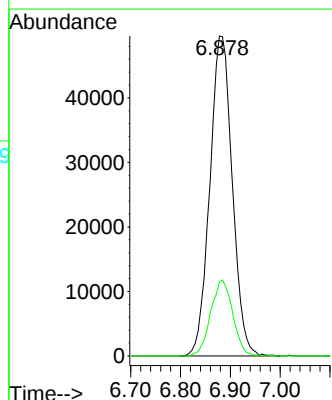
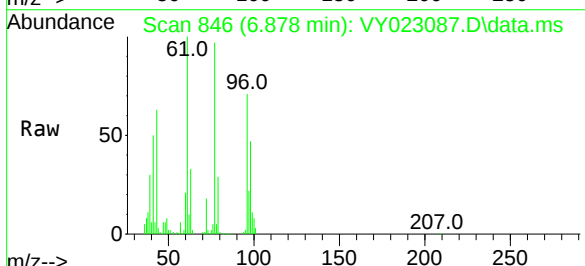
Acq: 14 Aug 2025 11:45

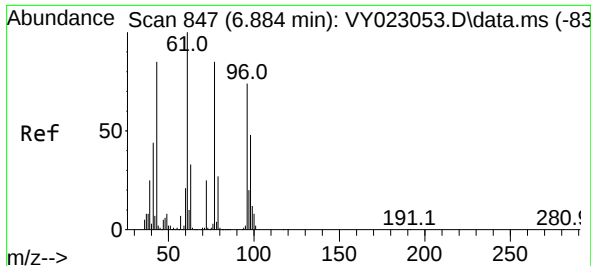
Tgt Ion: 77 Resp: 155065

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 21.396 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

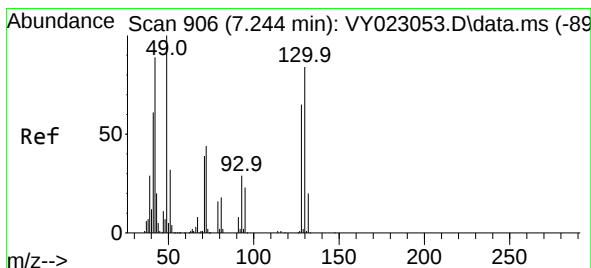
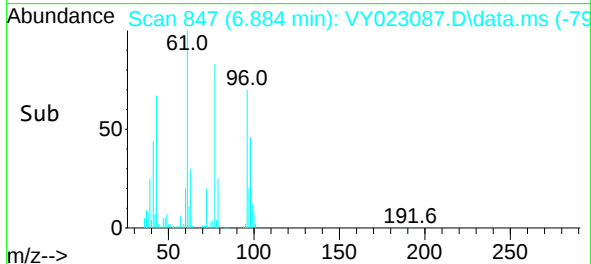
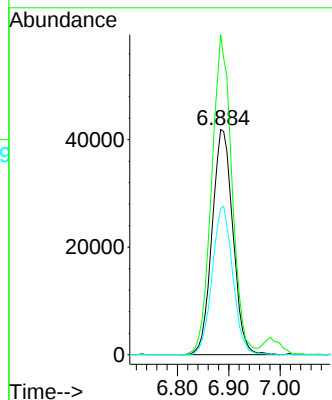
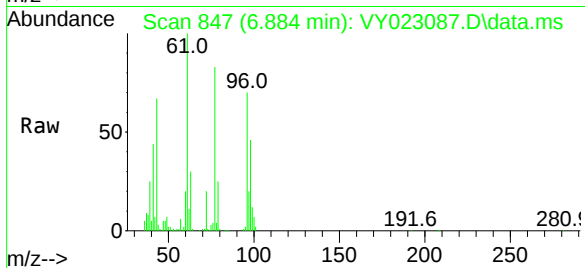
Tgt Ion: 96 Resp: 117893

Ion Ratio Lower Upper

96 100

61 138.7 0.0 278.6

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 21.942 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

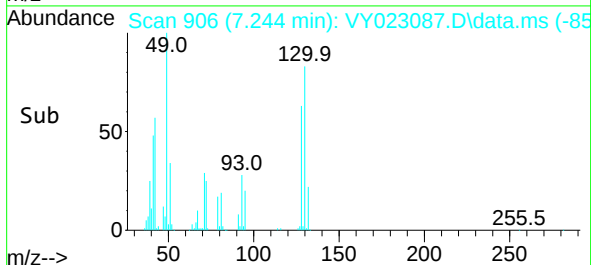
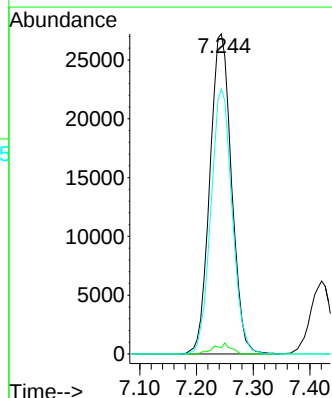
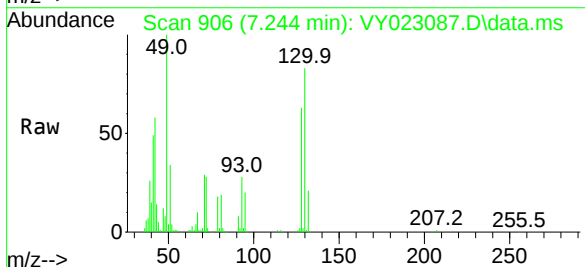
Tgt Ion: 49 Resp: 72174

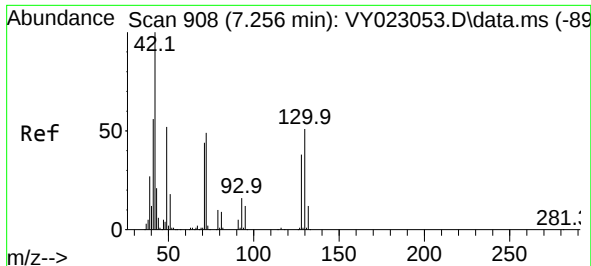
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 81.3 66.4 99.6

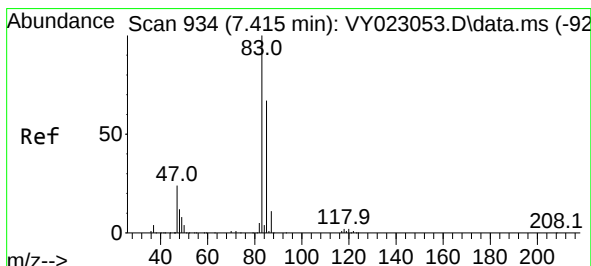
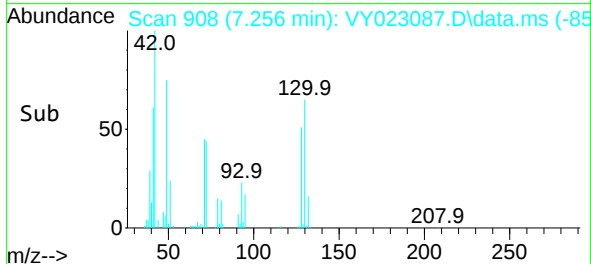
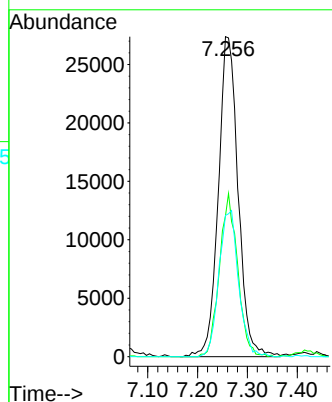
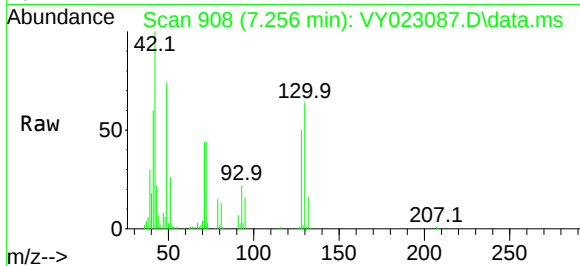




#29
Tetrahydrofuran
Concen: 98.450 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

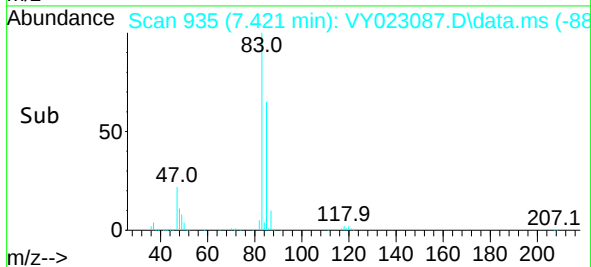
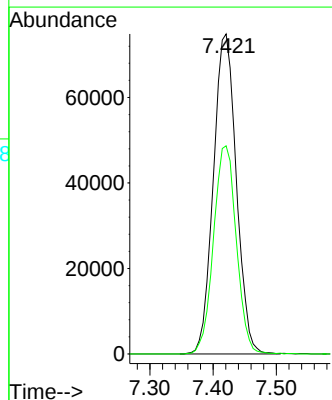
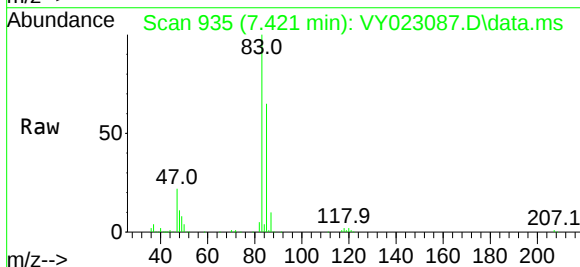
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

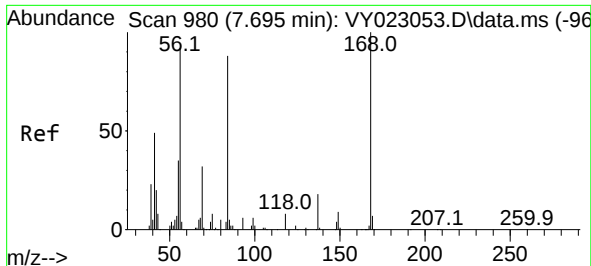
Tgt Ion:	42	Resp:	75422
Ion	Ratio	Lower	Upper
42	100		
72	46.9	39.4	59.2
71	45.5	36.5	54.7



#30
Chloroform
Concen: 22.052 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion:	83	Resp:	188562
Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.8	80.8

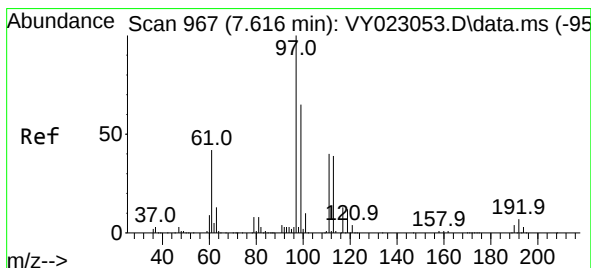
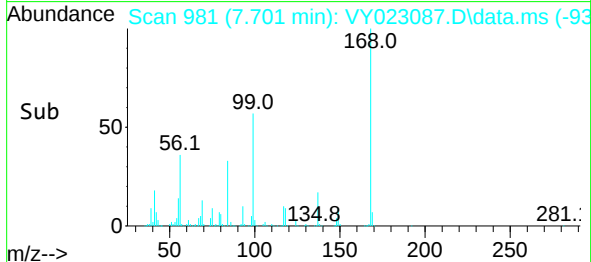
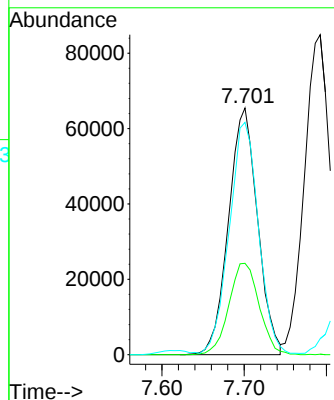
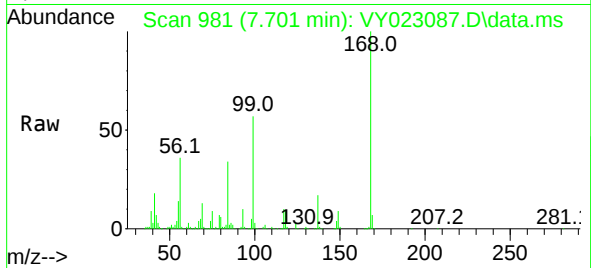




#31
Cyclohexane
Concen: 20.574 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

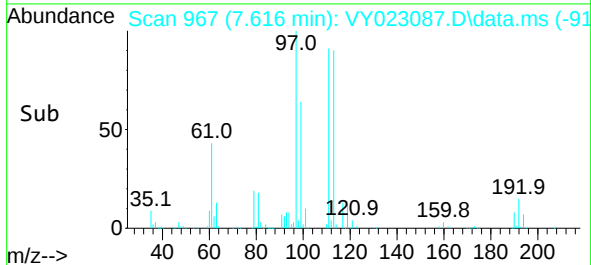
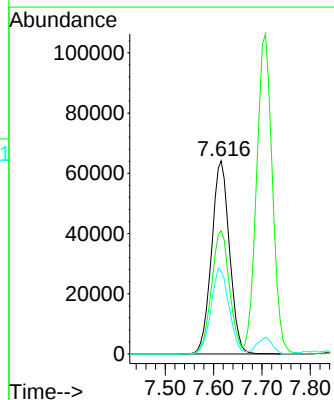
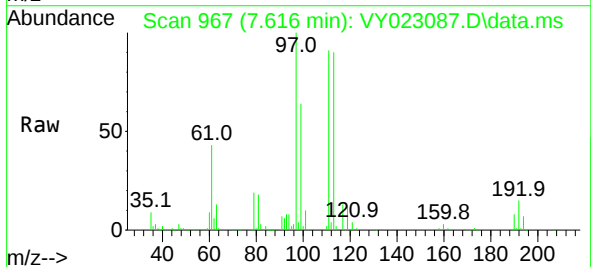
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

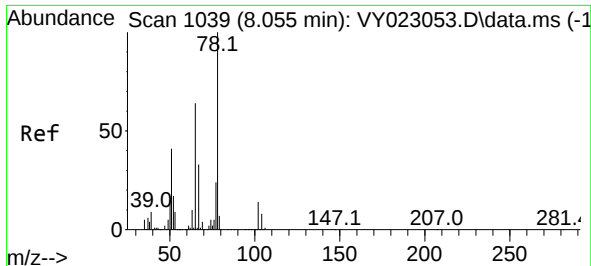
Tgt Ion: 56 Resp: 160740
Ion Ratio Lower Upper
56 100
69 37.0 28.2 42.2
84 92.4 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.719 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 97 Resp: 164781
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 44.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 54.204 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

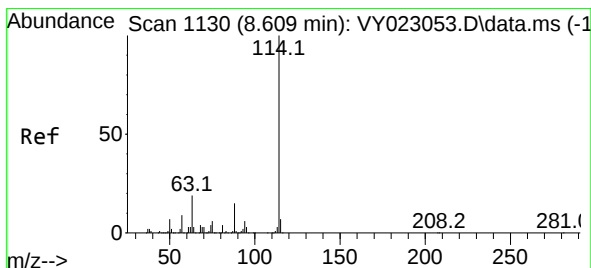
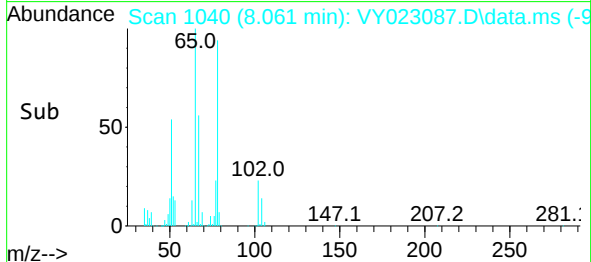
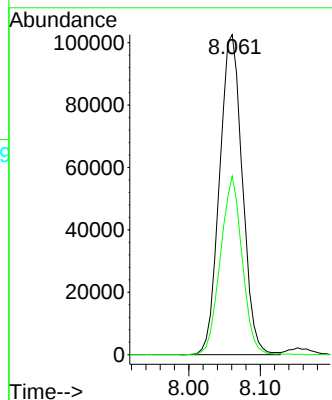
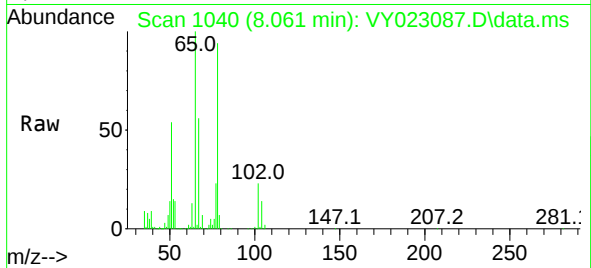
VY0814SBS01

Tgt Ion: 65 Resp: 227362

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

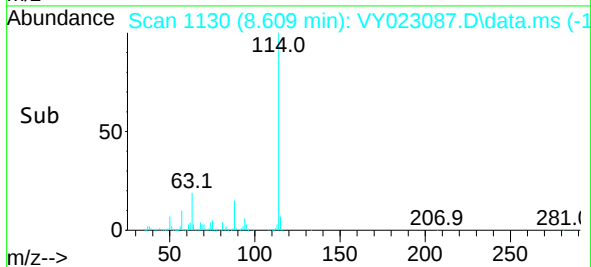
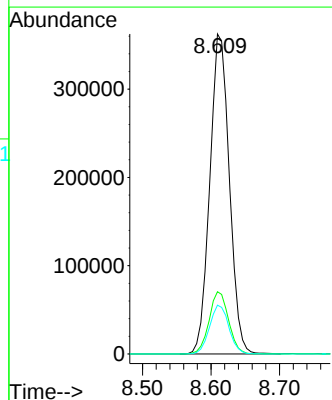
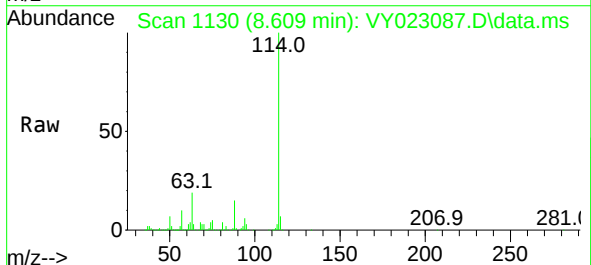
Tgt Ion: 114 Resp: 717756

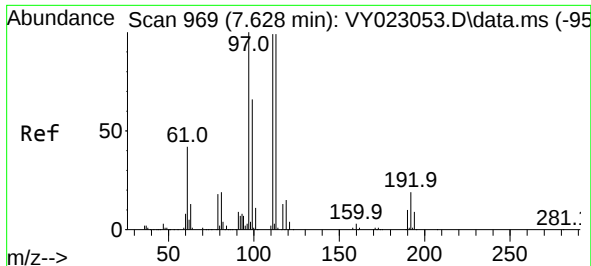
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 15.2 0.0 30.0

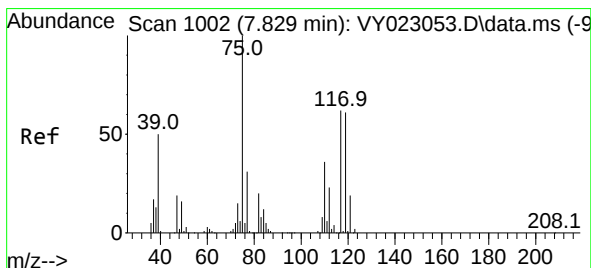
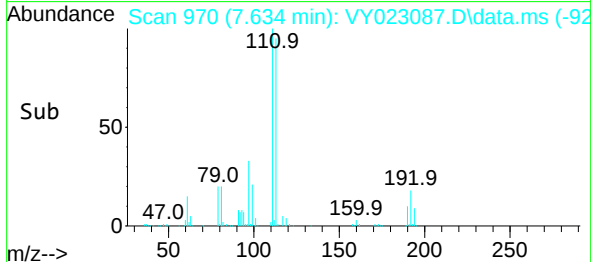
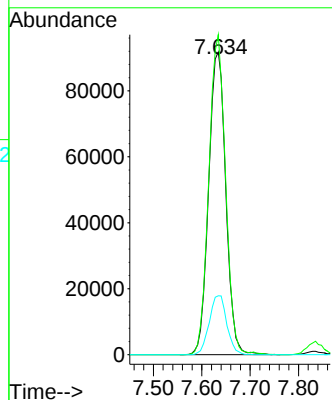
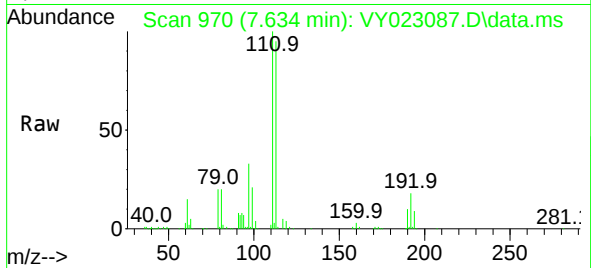




#35
Dibromofluoromethane
Concen: 52.596 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

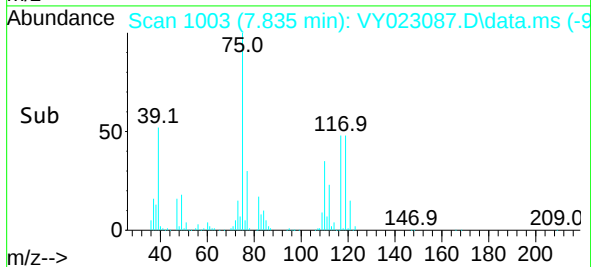
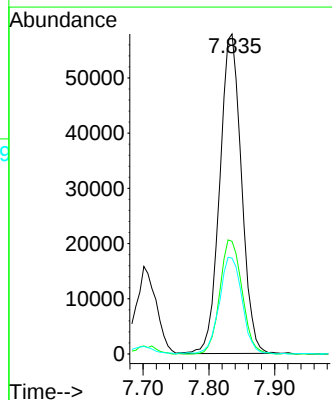
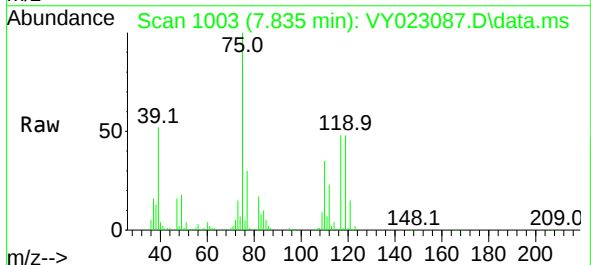
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

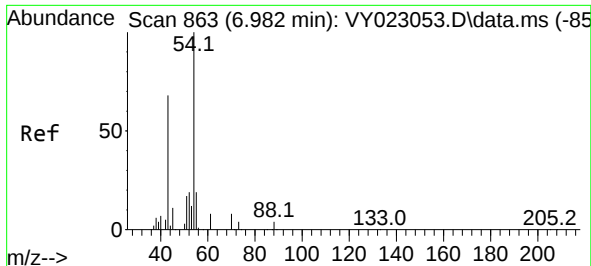
Tgt Ion:113 Resp: 225892
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.805 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 75 Resp: 132790
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.4
77 32.0 24.6 37.0





#37

Ethyl Acetate

Concen: 19.574 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

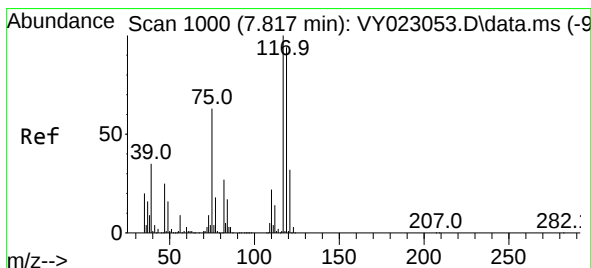
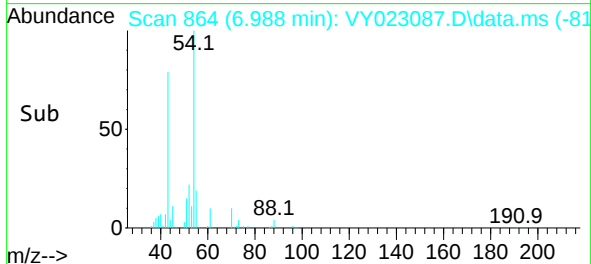
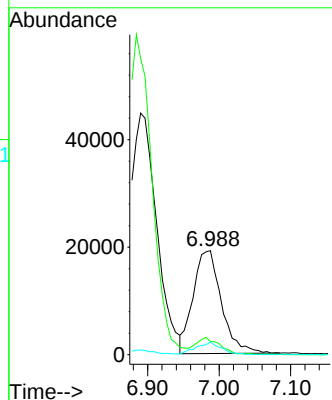
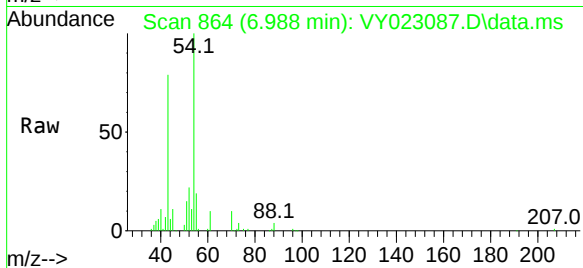
Tgt Ion: 43 Resp: 52482

Ion Ratio Lower Upper

43 100

61 13.8 11.9 17.9

70 11.1 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.953 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

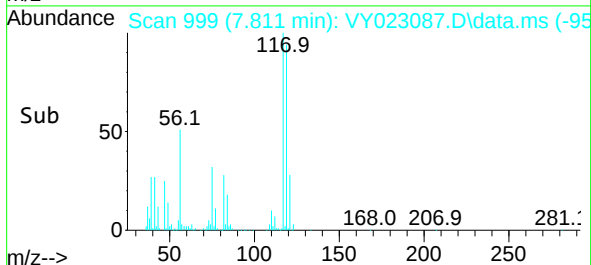
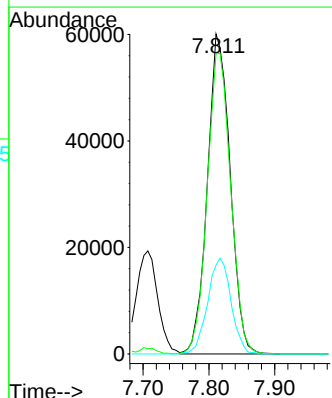
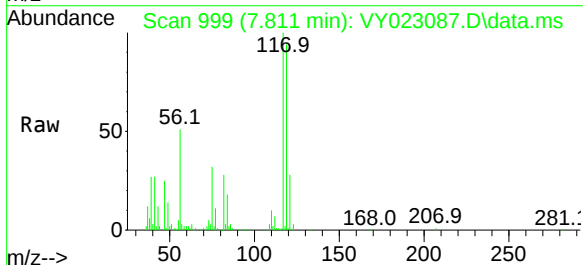
Tgt Ion: 117 Resp: 145254

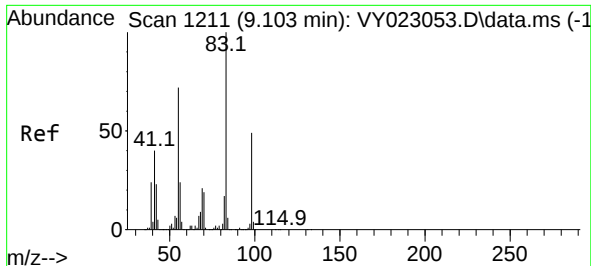
Ion Ratio Lower Upper

117 100

119 93.8 75.6 113.4

121 27.8 25.8 38.8





#39

Methylcyclohexane

Concen: 19.745 ug/l

RT: 9.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBSD01

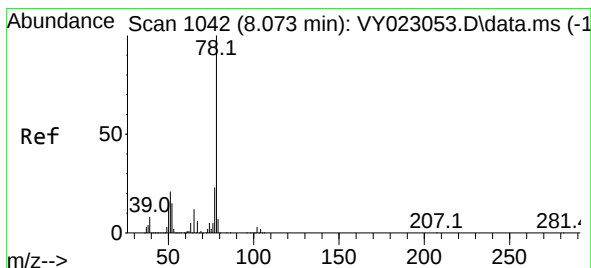
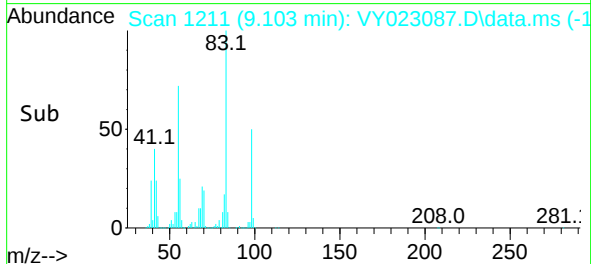
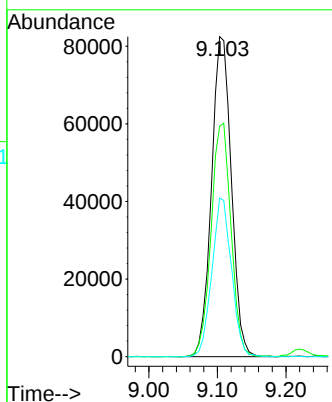
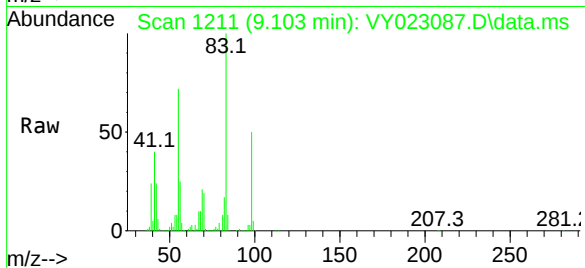
Tgt Ion: 83 Resp: 165962

Ion Ratio Lower Upper

83 100

55 72.0 57.6 86.4

98 49.5 39.2 58.8



#40

Benzene

Concen: 21.476 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023087.D

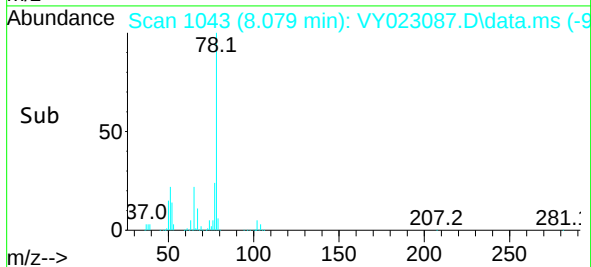
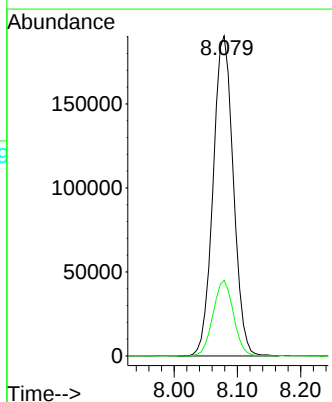
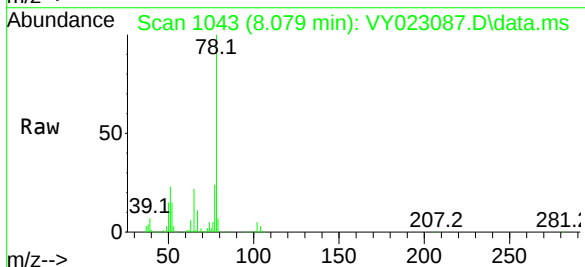
Acq: 14 Aug 2025 11:45

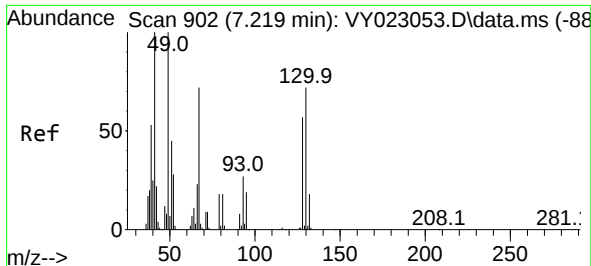
Tgt Ion: 78 Resp: 422488

Ion Ratio Lower Upper

78 100

77 23.6 18.6 28.0

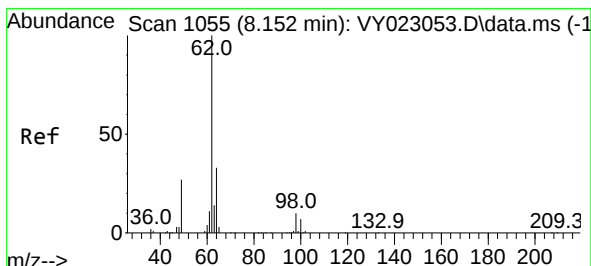
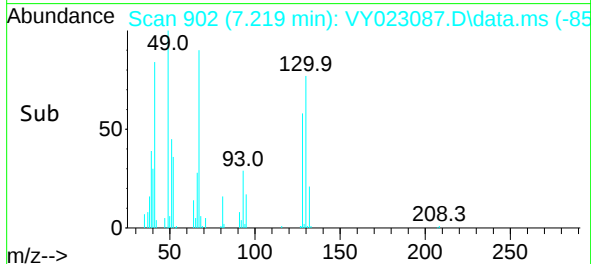
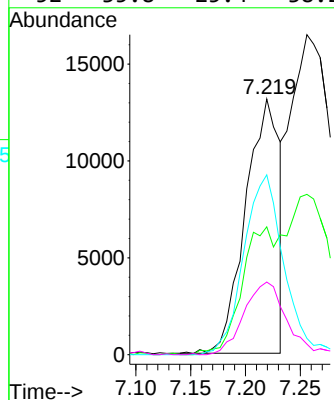
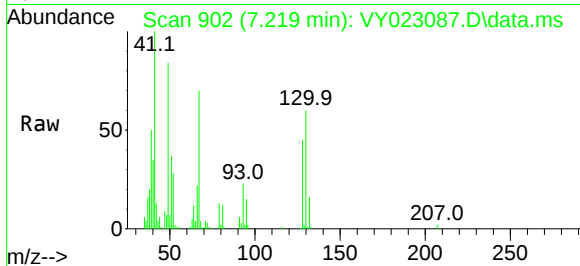




#41
Methacrylonitrile
Concen: 18.215 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

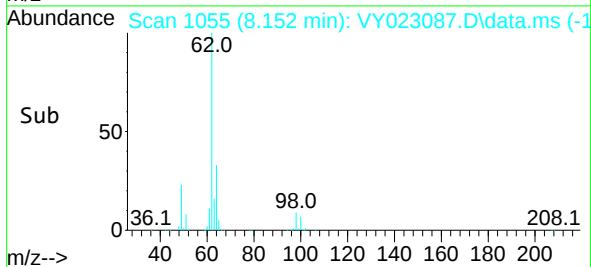
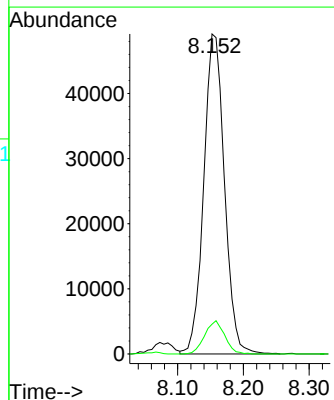
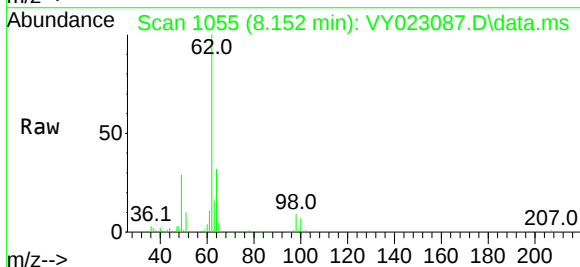
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

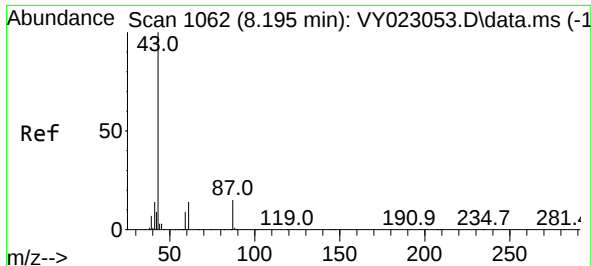
Tgt Ion:	41	Resp:	28185
Ion	Ratio	Lower	Upper
41	100		
39	47.6	43.4	65.2
67	83.9	63.6	95.4
52	35.8	25.4	38.2



#42
1,2-Dichloroethane
Concen: 21.033 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion:	62	Resp:	107615
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6

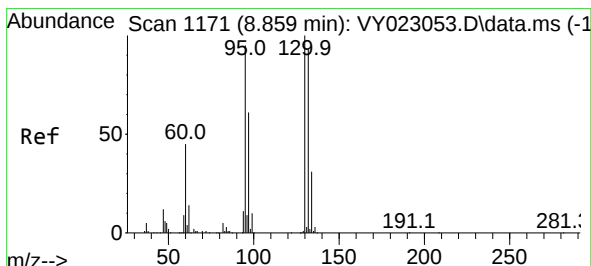
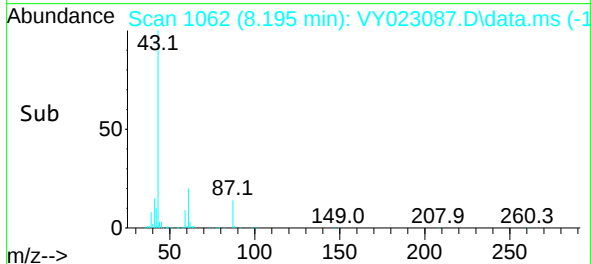
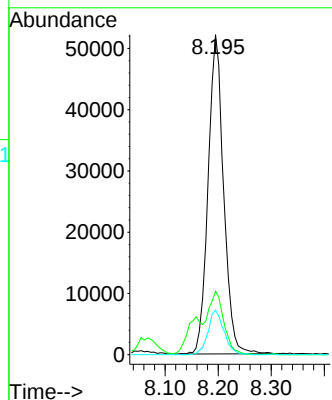
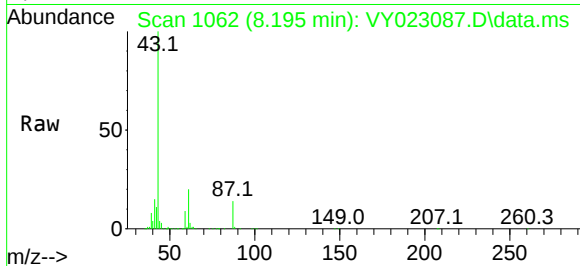




#43
Isopropyl Acetate
Concen: 19.532 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

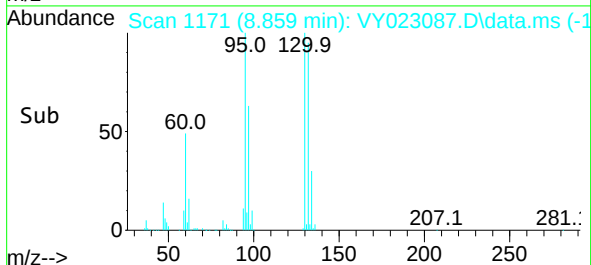
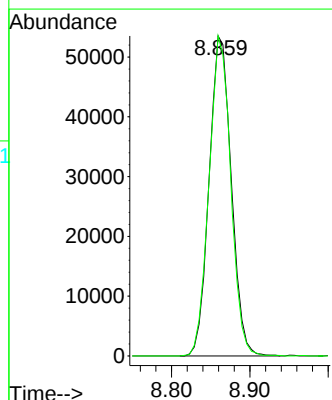
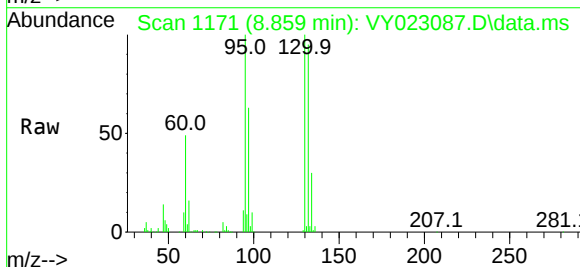
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBS01

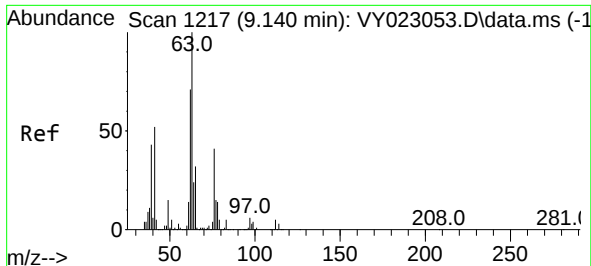
Tgt Ion: 43 Resp: 105845
Ion Ratio Lower Upper
43 100
61 20.4 16.4 24.6
87 14.4 11.8 17.6



#44
Trichloroethene
Concen: 20.673 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion:130 Resp: 105099
Ion Ratio Lower Upper
130 100
95 100.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 21.281 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

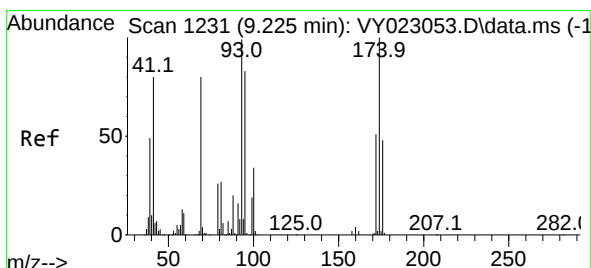
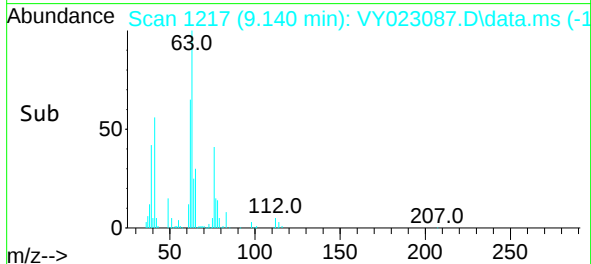
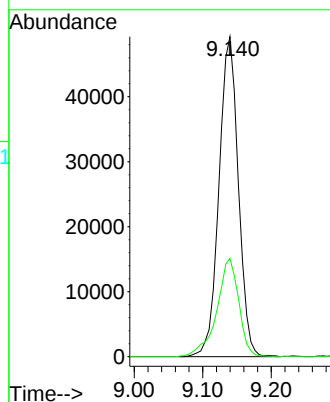
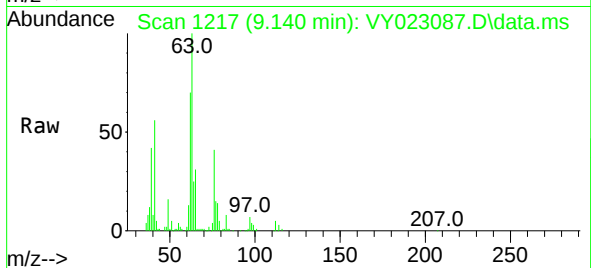
VY0814SBS01

Tgt Ion: 63 Resp: 96326

Ion Ratio Lower Upper

63 100

65 30.7 25.3 37.9



#46

Dibromomethane

Concen: 20.865 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

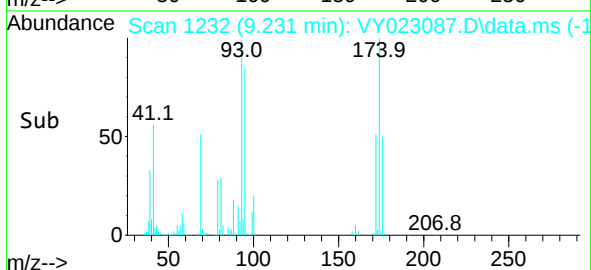
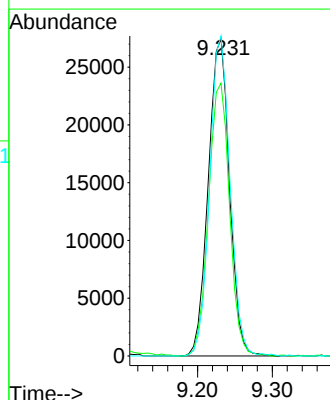
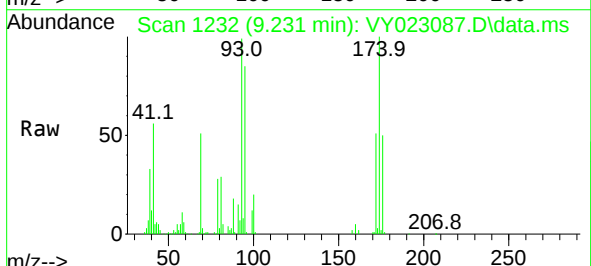
Tgt Ion: 93 Resp: 54207

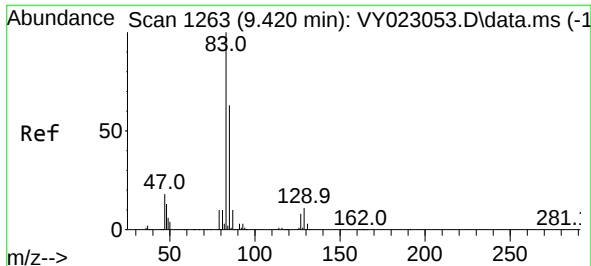
Ion Ratio Lower Upper

93 100

95 85.3 66.5 99.7

174 97.1 81.8 122.8





#47

Bromodichloromethane

Concen: 21.316 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

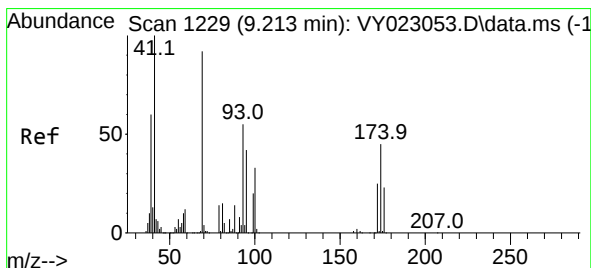
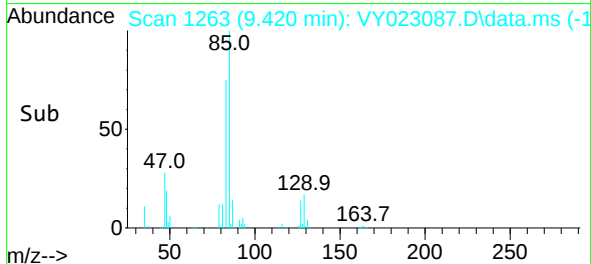
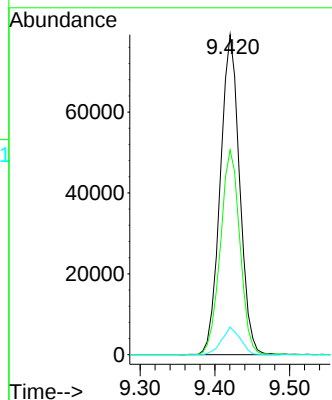
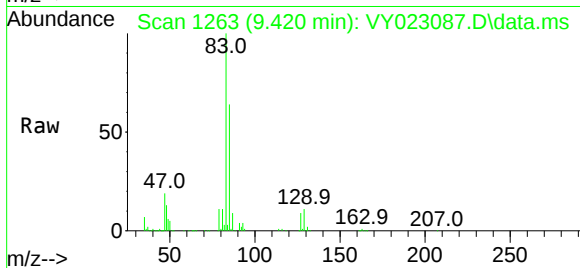
Tgt Ion: 83 Resp: 142496

Ion Ratio Lower Upper

83 100

85 64.0 50.2 75.4

127 8.7 6.6 10.0



#48

Methyl methacrylate

Concen: 19.294 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

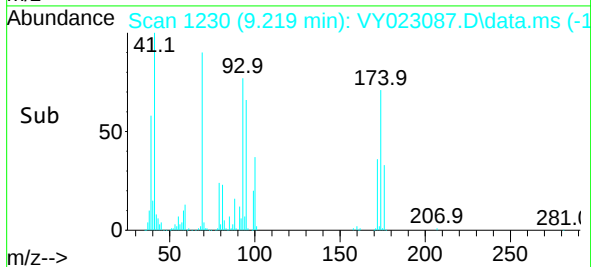
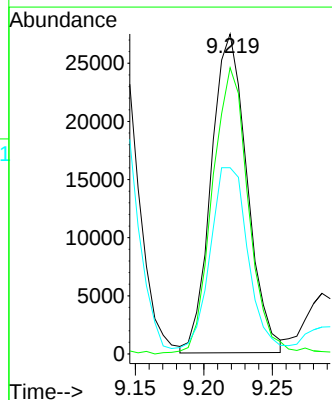
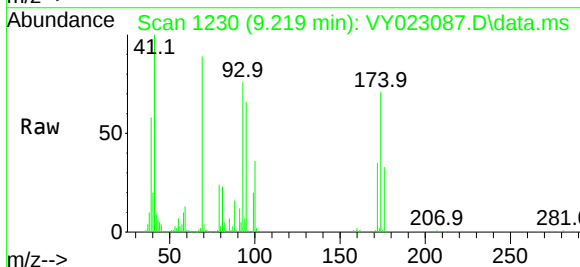
Tgt Ion: 41 Resp: 50034

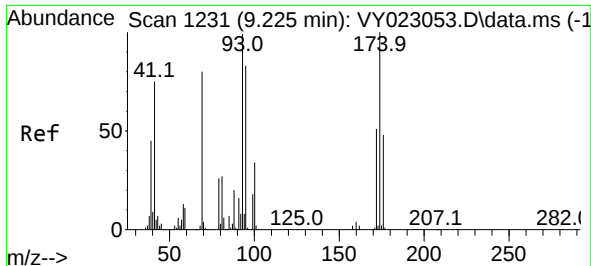
Ion Ratio Lower Upper

41 100

69 90.9 73.2 109.8

39 59.1 47.0 70.4





#49

1,4-Dioxane

Concen: 405.972 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBSD01

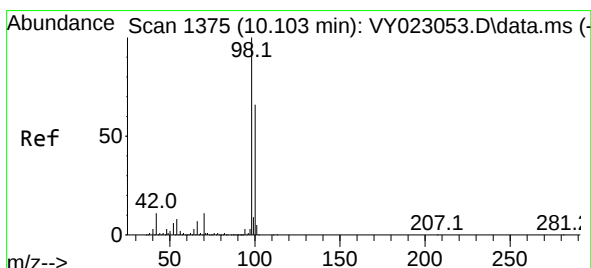
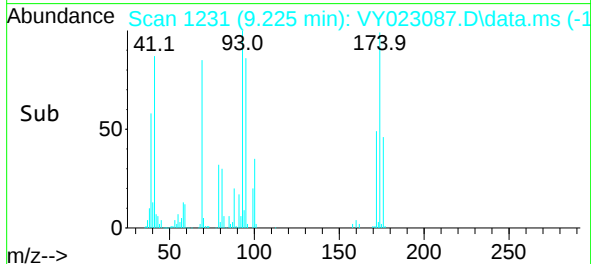
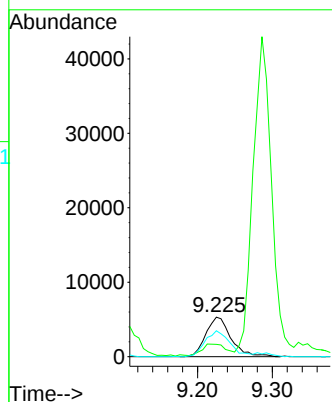
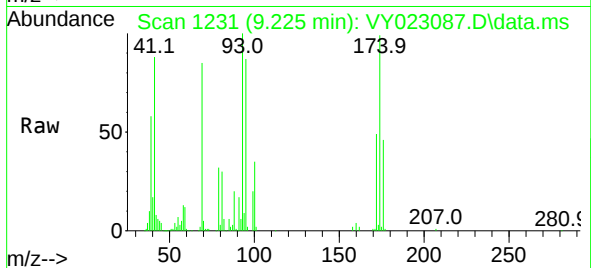
Tgt Ion: 88 Resp: 12367

Ion Ratio Lower Upper

88 100

43 30.8 24.3 36.5

58 65.4 55.4 83.0



#50

Toluene-d8

Concen: 52.699 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023087.D

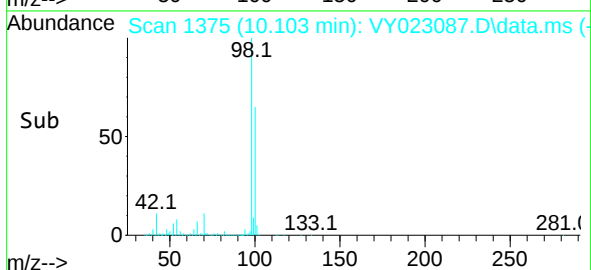
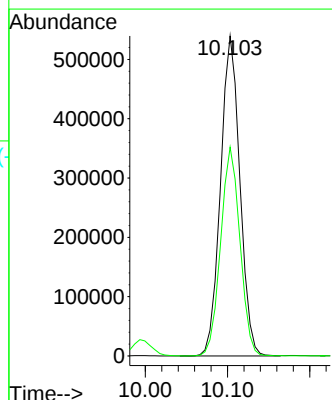
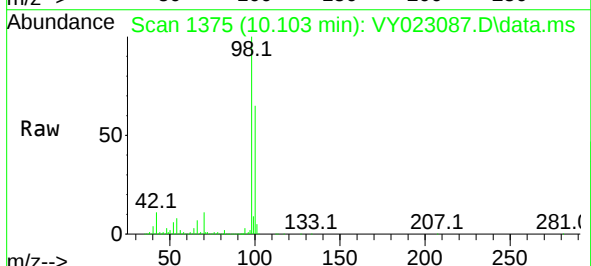
Acq: 14 Aug 2025 11:45

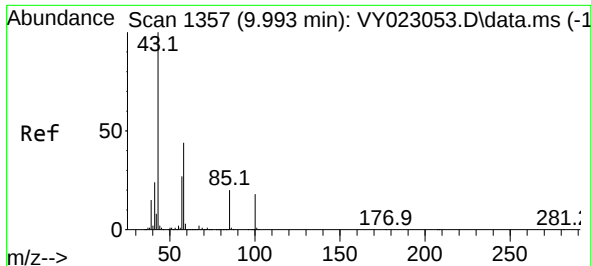
Tgt Ion: 98 Resp: 884197

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 96.519 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

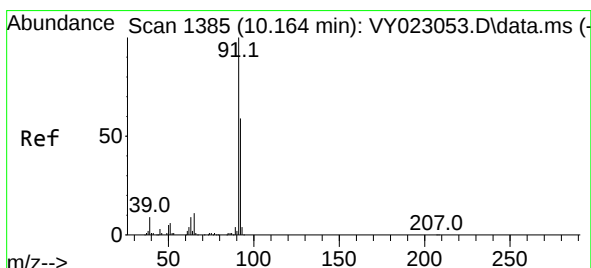
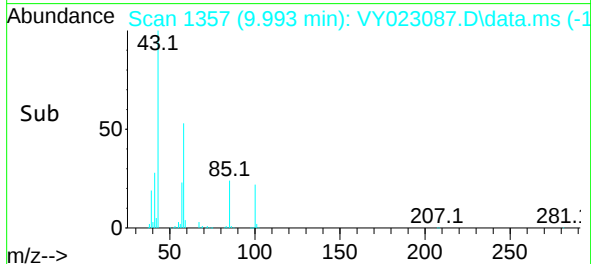
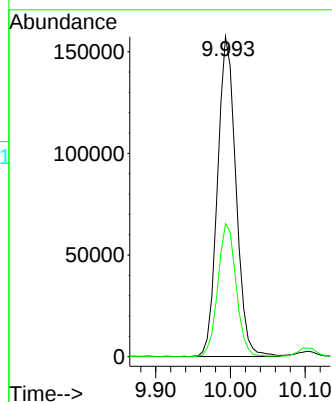
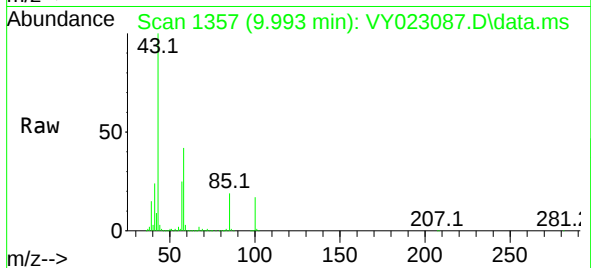
VY0814SBS01

Tgt Ion: 43 Resp: 269803

Ion Ratio Lower Upper

43 100

58 41.3 33.5 50.3



#52

Toluene

Concen: 21.103 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023087.D

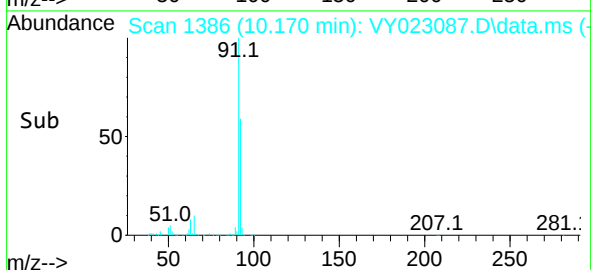
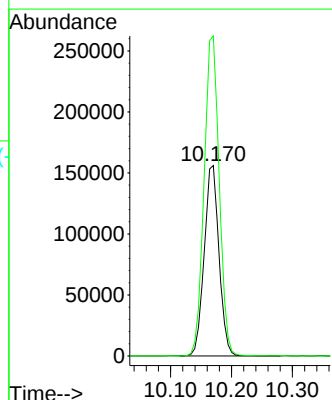
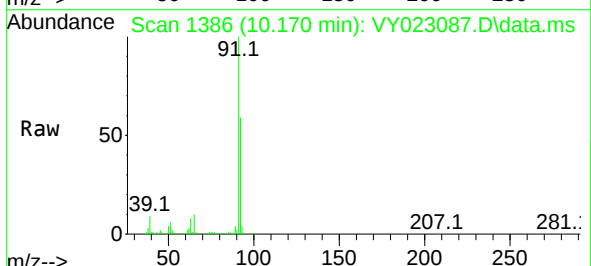
Acq: 14 Aug 2025 11:45

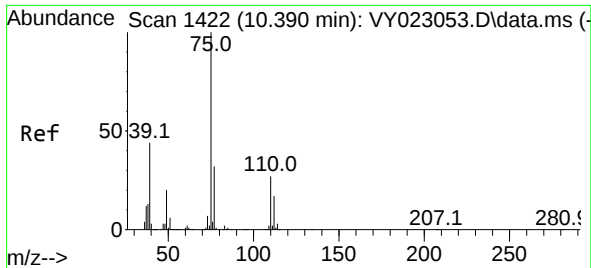
Tgt Ion: 92 Resp: 263665

Ion Ratio Lower Upper

92 100

91 171.9 136.4 204.6

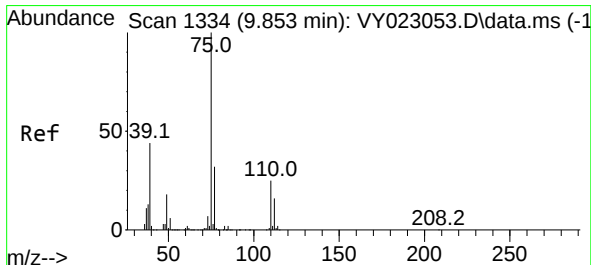
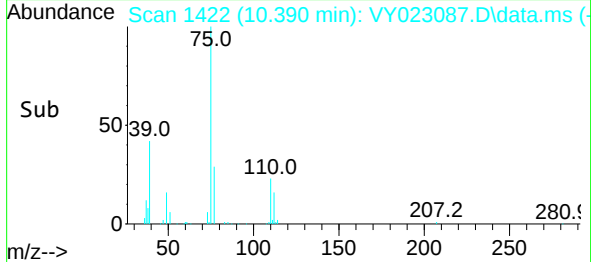
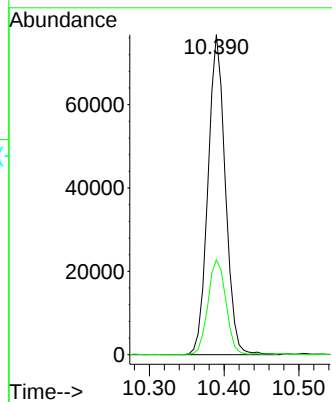
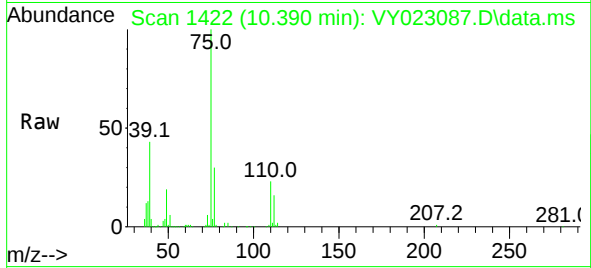




#53
 t-1,3-Dichloropropene
 Concen: 20.438 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

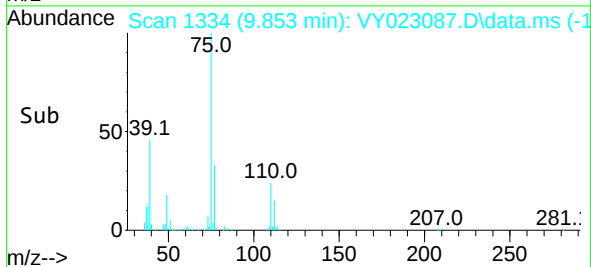
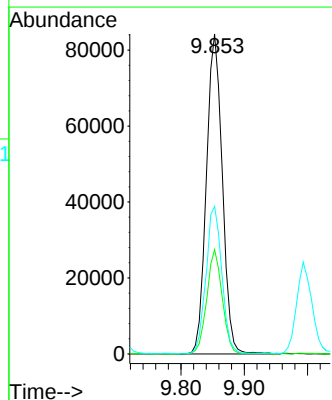
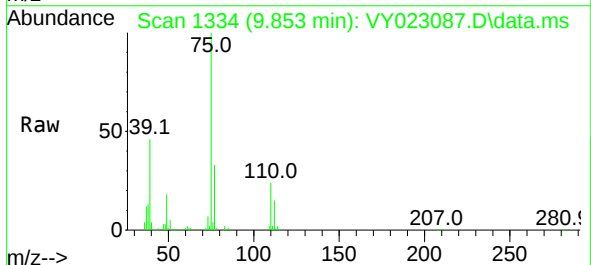
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBSD01

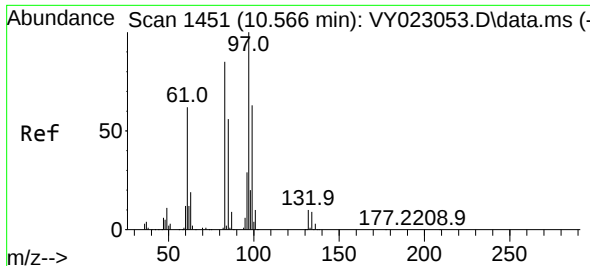
Tgt Ion: 75 Resp: 123723
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.622 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

Tgt Ion: 75 Resp: 147619
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 39 46.0 35.6 53.4

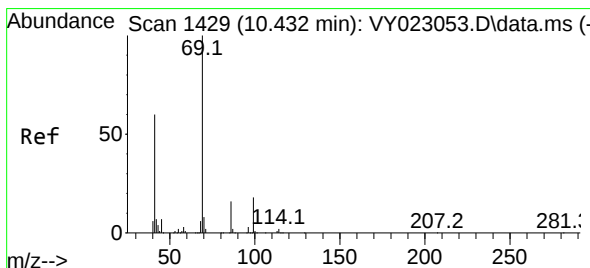
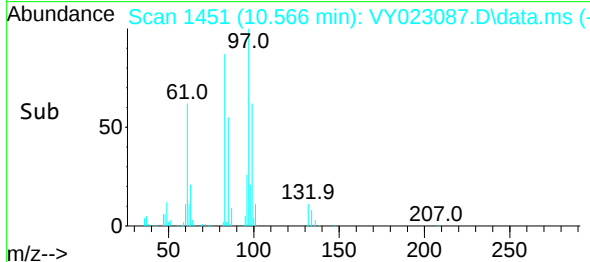
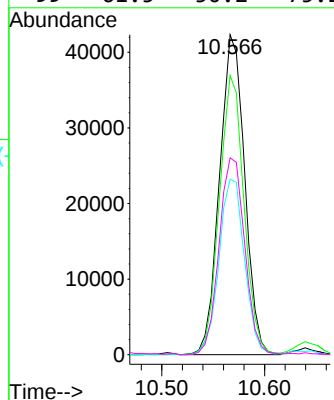
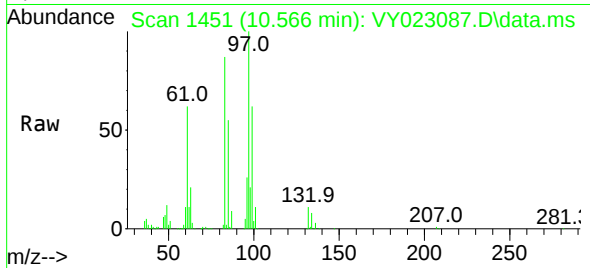




#55
1,1,2-Trichloroethane
Concen: 20.668 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

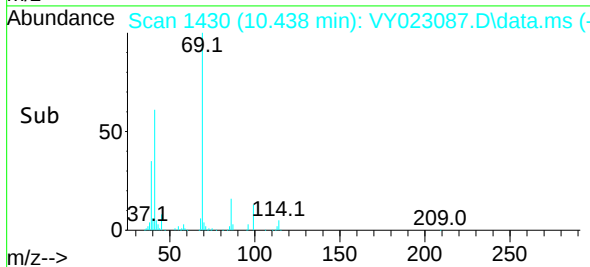
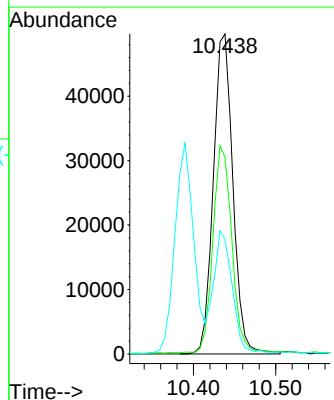
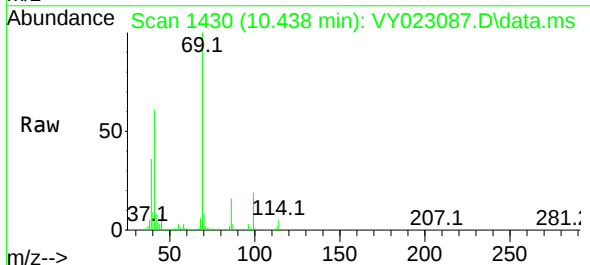
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

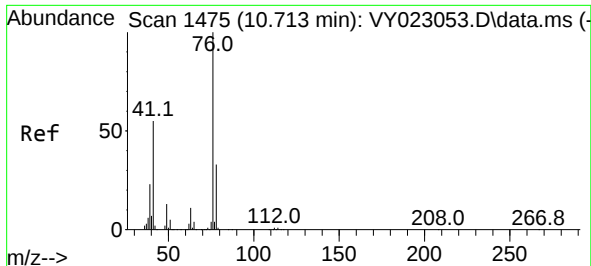
Tgt Ion: 97	Resp: 71850
Ion Ratio	Lower Upper
97 100	
83 87.2	67.7 101.5
85 54.9	44.5 66.7
99 61.5	50.2 75.2



#56
Ethyl methacrylate
Concen: 18.445 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 69	Resp: 82052
Ion Ratio	Lower Upper
69 100	
41 63.2	48.6 72.8
39 36.0	27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.413 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

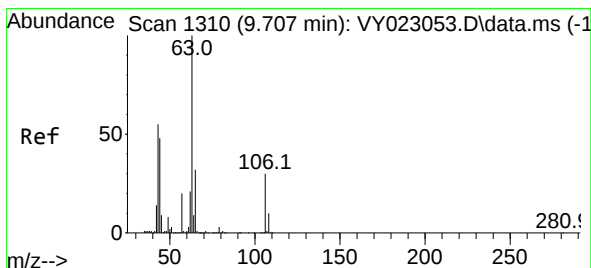
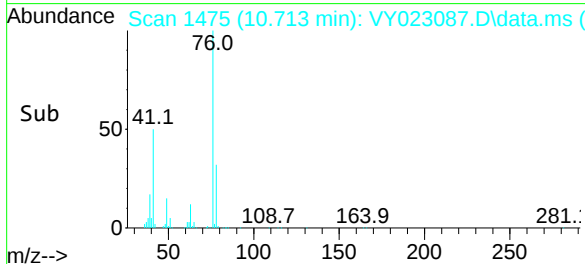
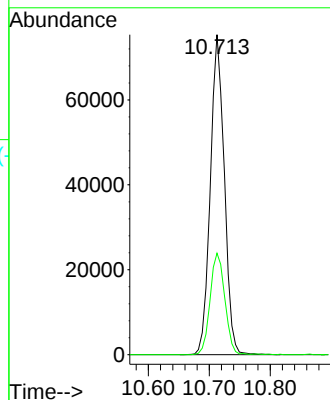
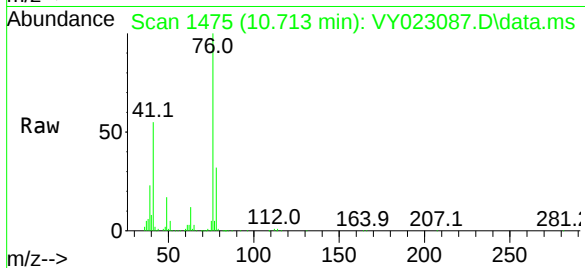
VY0814SBSD01

Tgt Ion: 76 Resp: 120349

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.737 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023087.D

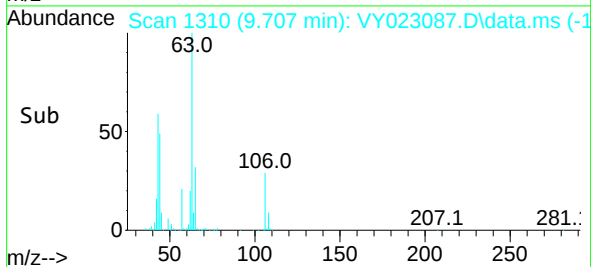
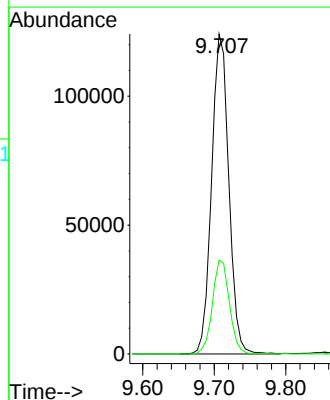
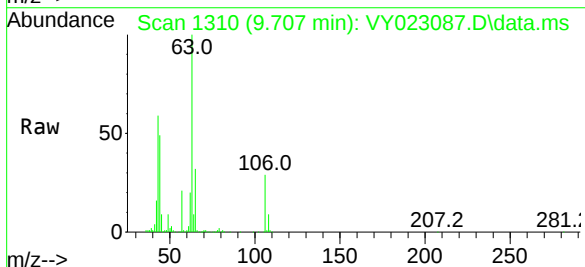
Acq: 14 Aug 2025 11:45

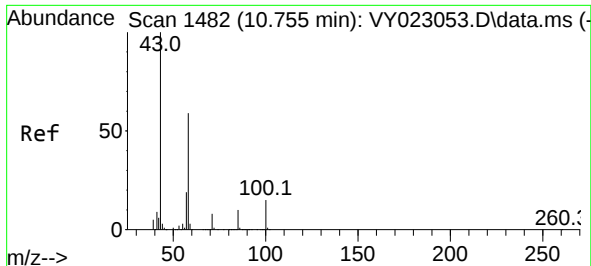
Tgt Ion: 63 Resp: 207183

Ion Ratio Lower Upper

63 100

106 29.0 23.2 34.8

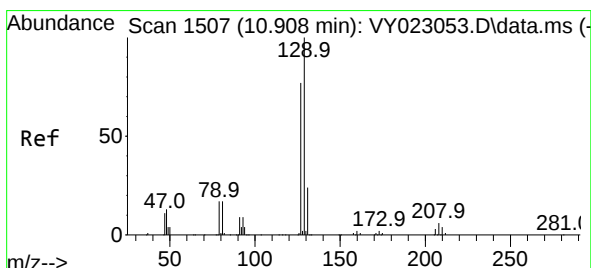
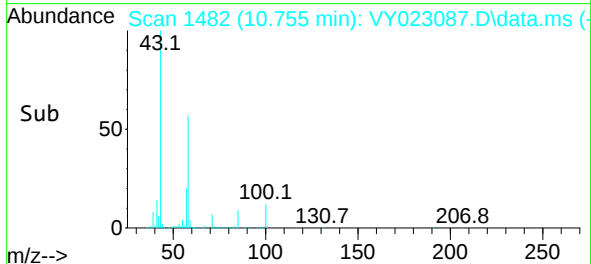
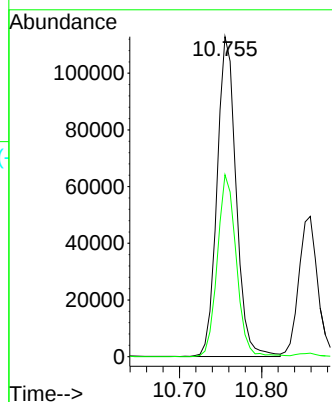
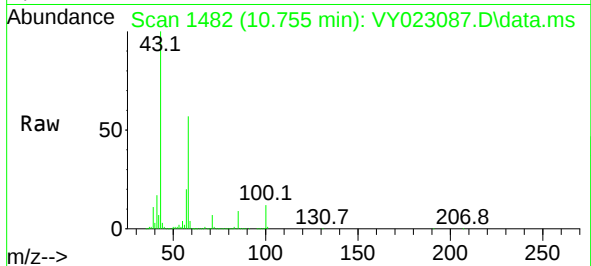




#59
2-Hexanone
Concen: 95.486 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

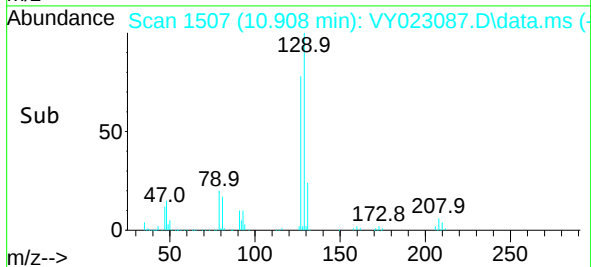
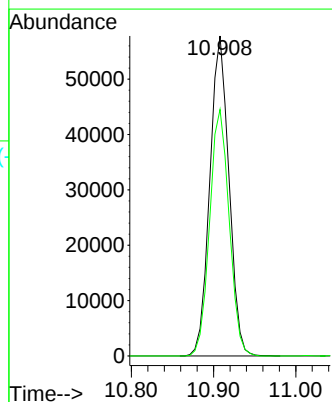
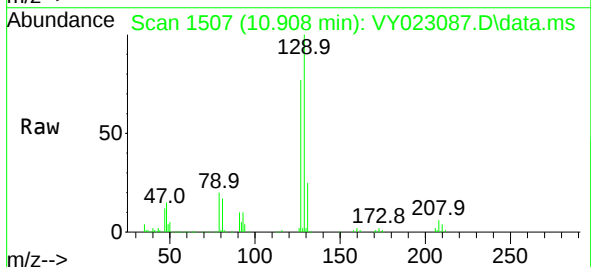
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

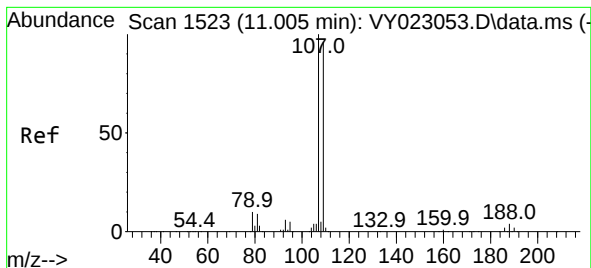
Tgt Ion: 43 Resp: 181752
Ion Ratio Lower Upper
43 100
58 56.5 29.5 88.5



#60
Dibromochloromethane
Concen: 20.356 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 129 Resp: 93374
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5

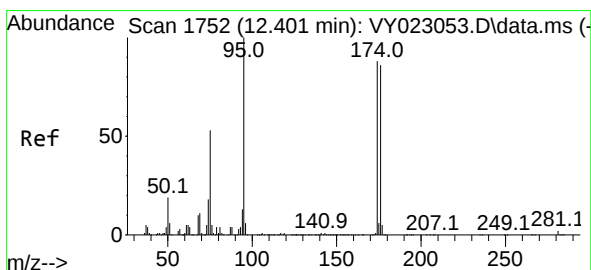
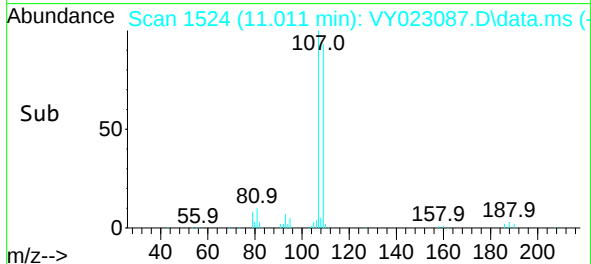
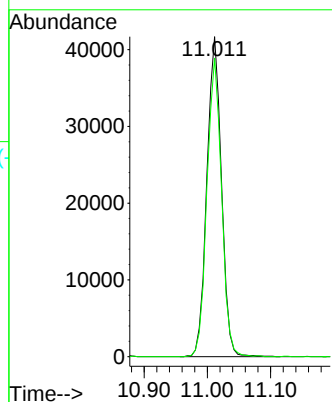
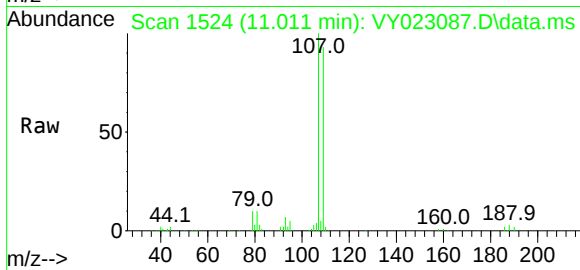




#61
1,2-Dibromoethane
Concen: 20.513 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

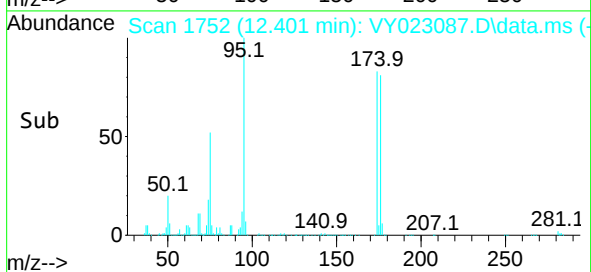
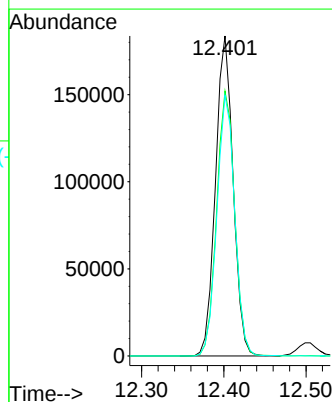
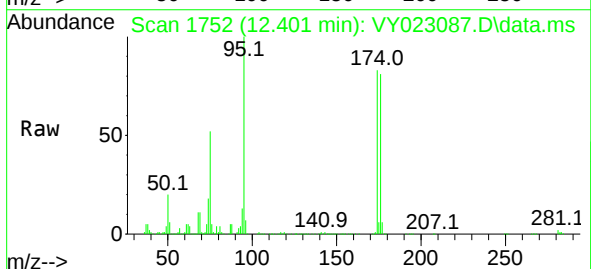
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

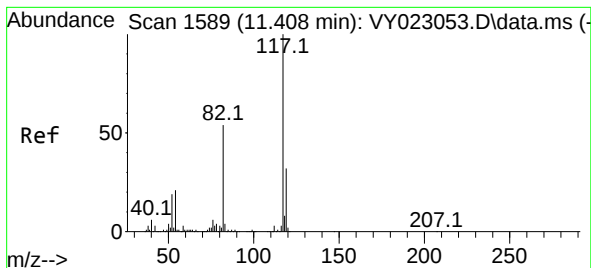
Tgt Ion:107 Resp: 67027
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.753 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 95 Resp: 273855
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.6
176 82.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBSD01

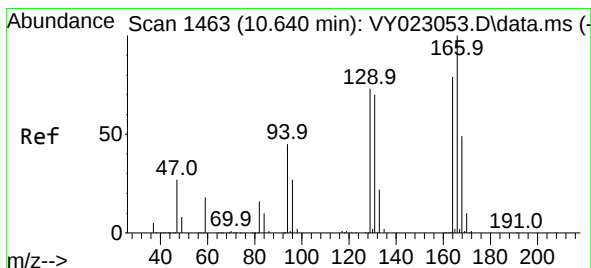
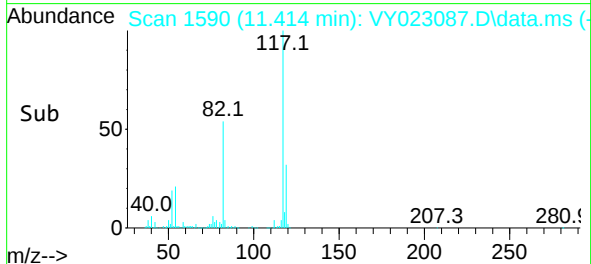
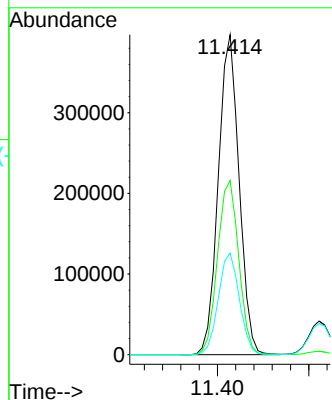
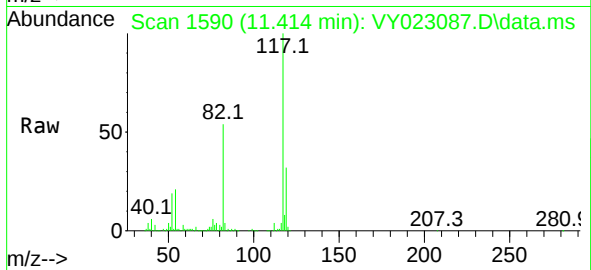
Tgt Ion:117 Resp: 626725

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 19.617 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Tgt Ion:164 Resp: 109781

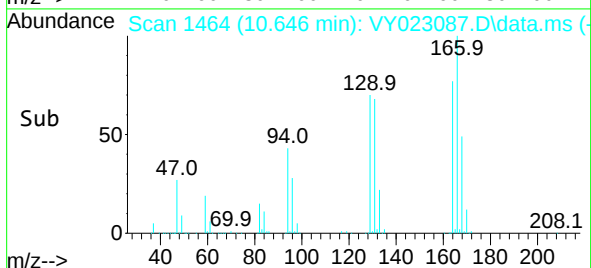
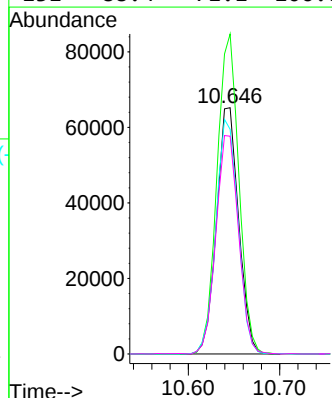
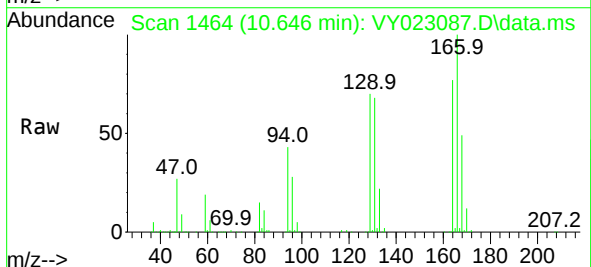
Ion Ratio Lower Upper

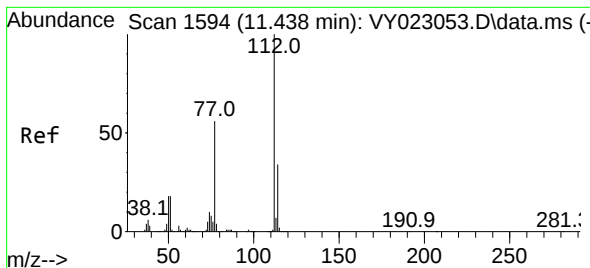
164 100

166 130.0 101.1 151.7

129 91.3 74.0 111.0

131 88.4 71.1 106.7





#65

Chlorobenzene

Concen: 21.110 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

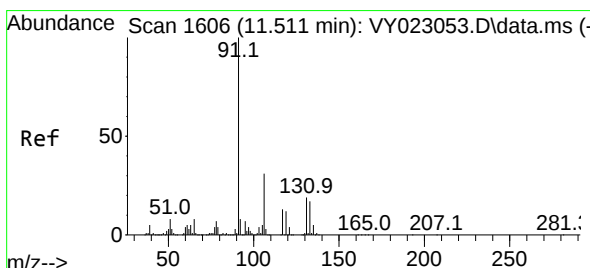
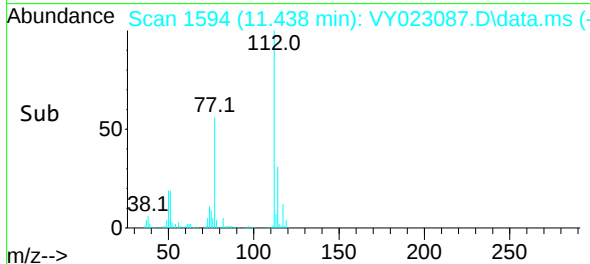
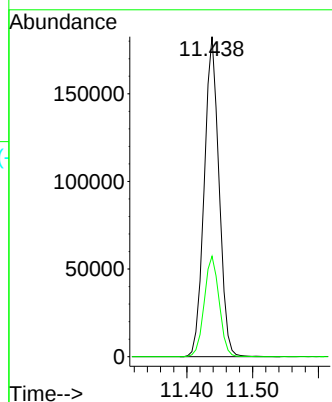
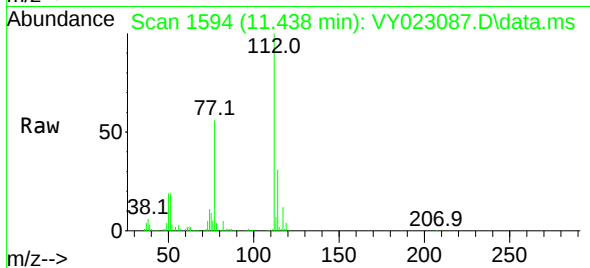
VY0814SBSD01

Tgt Ion:112 Resp: 285369

Ion Ratio Lower Upper

112 100

114 31.4 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.948 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

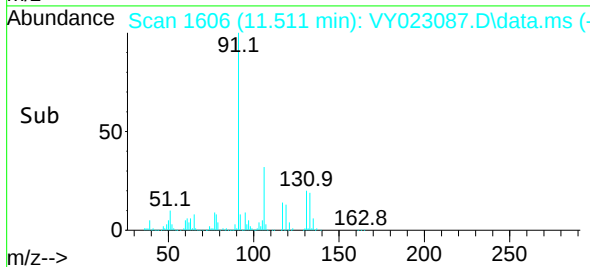
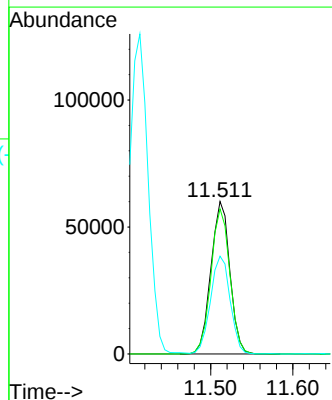
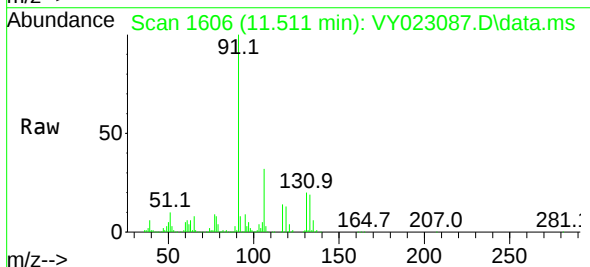
Tgt Ion:131 Resp: 96112

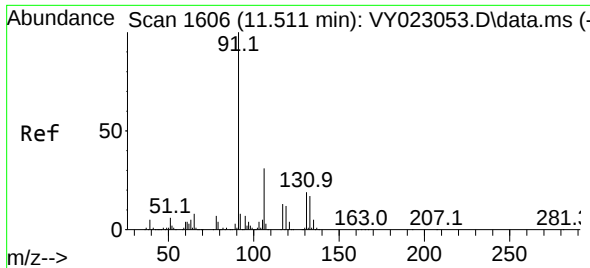
Ion Ratio Lower Upper

131 100

133 95.3 46.9 140.6

119 66.3 33.2 99.6

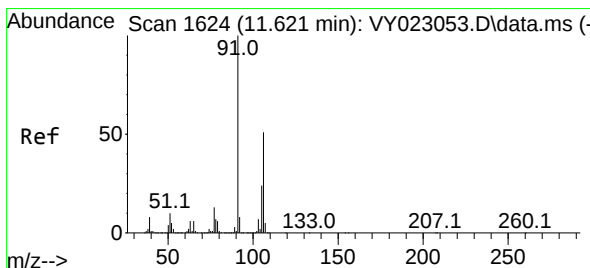
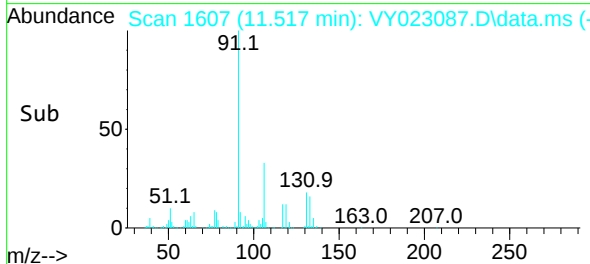
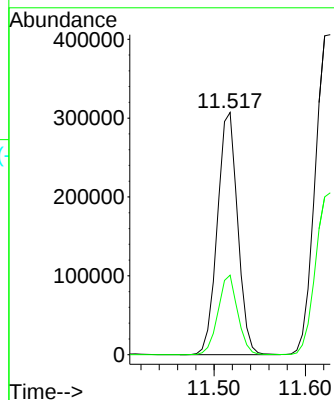
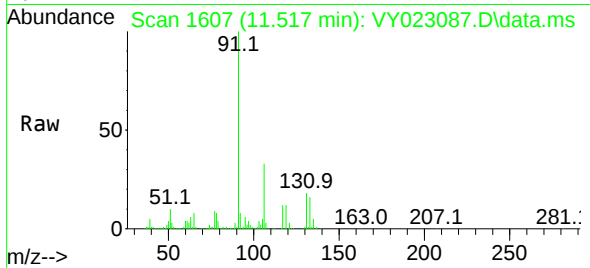




#67
Ethyl Benzene
Concen: 20.375 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

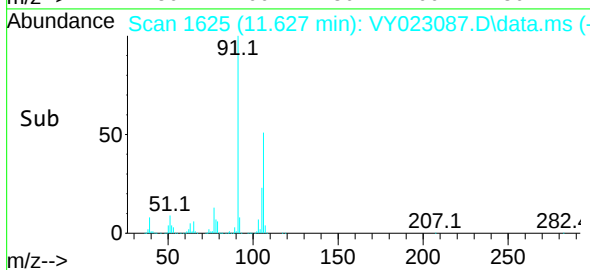
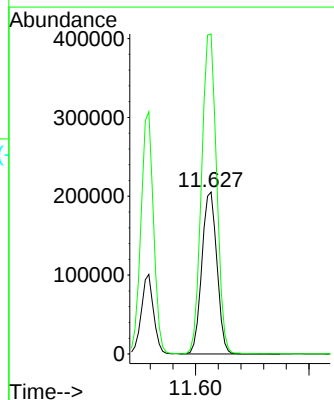
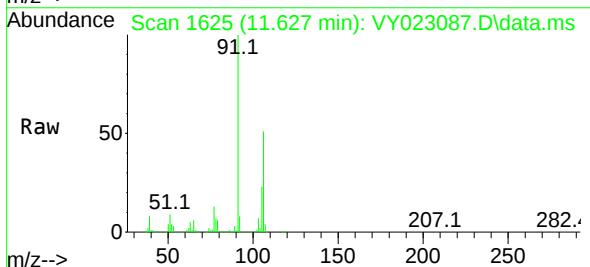
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

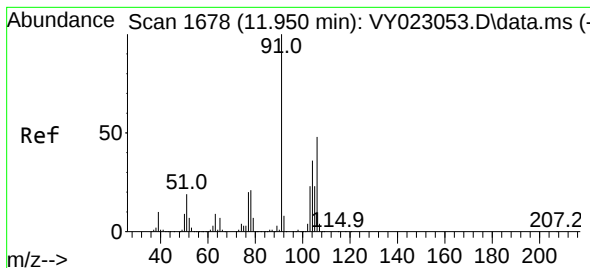
Tgt Ion: 91 Resp: 474005
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.4



#68
m/p-Xylenes
Concen: 41.664 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 106 Resp: 378562
Ion Ratio Lower Upper
106 100
91 197.3 158.6 238.0

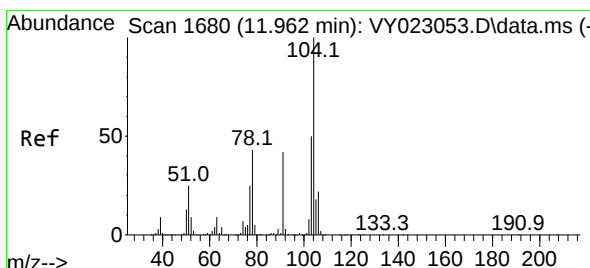
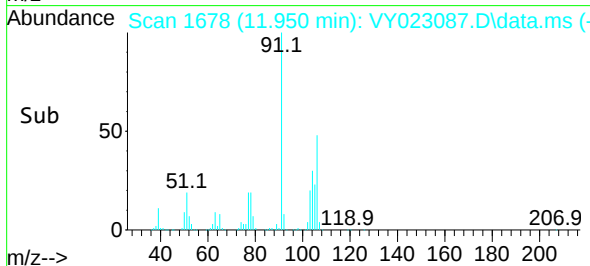
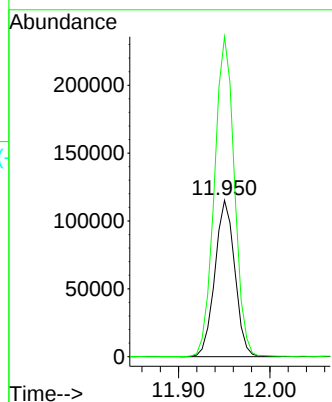
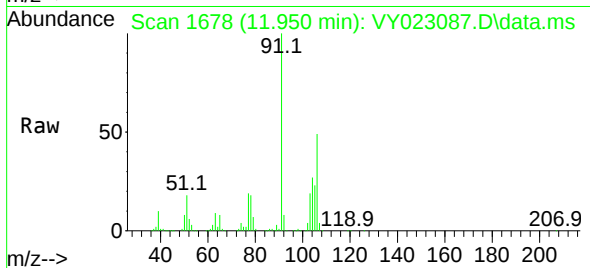




#69
o-Xylene
Concen: 20.520 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

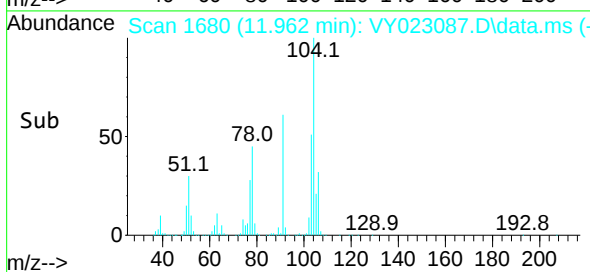
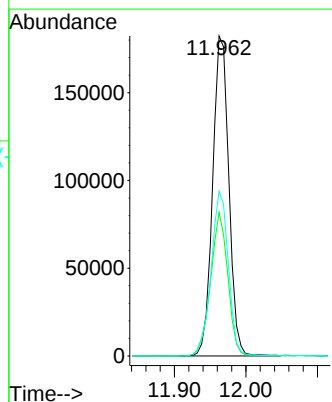
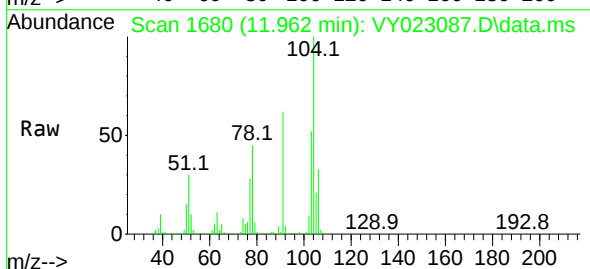
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

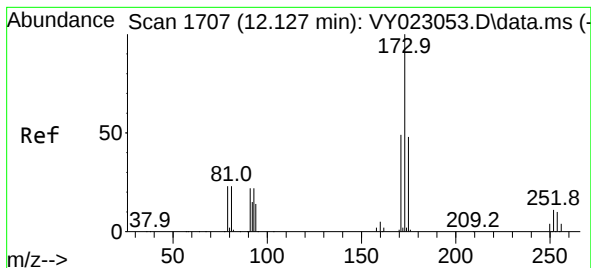
Tgt Ion:106 Resp: 174623
Ion Ratio Lower Upper
106 100
91 205.9 103.2 309.4



#70
Styrene
Concen: 20.621 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion:104 Resp: 286979
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 54.7 43.7 65.5





#71

Bromoform

Concen: 20.259 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBSD01

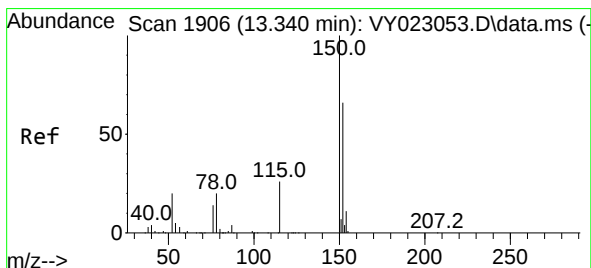
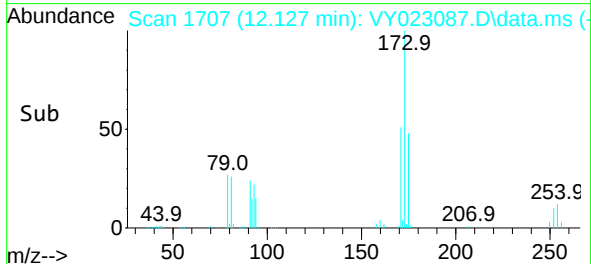
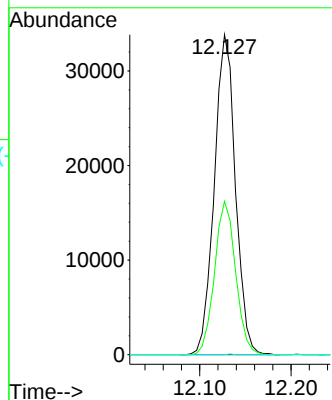
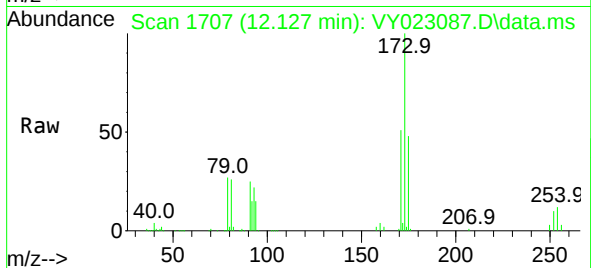
Tgt Ion:173 Resp: 54324

Ion Ratio Lower Upper

173 100

175 47.7 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

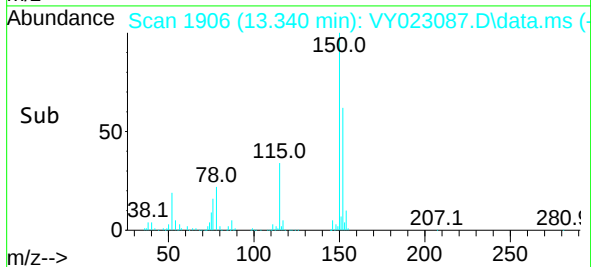
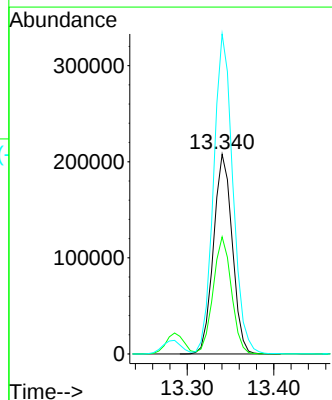
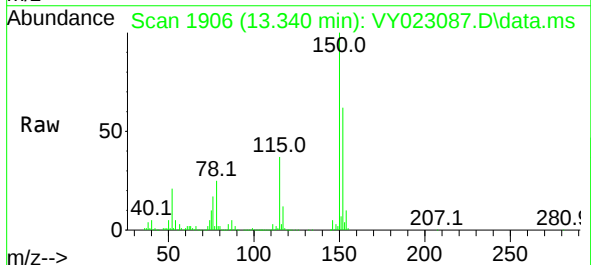
Tgt Ion:152 Resp: 312365

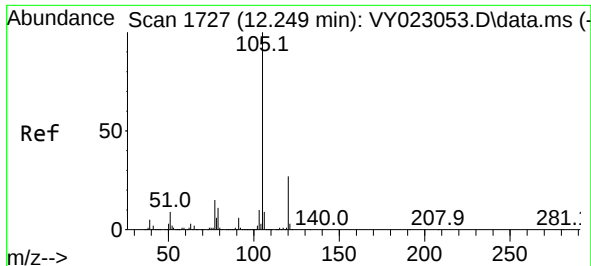
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.6

150 165.1 0.0 348.0

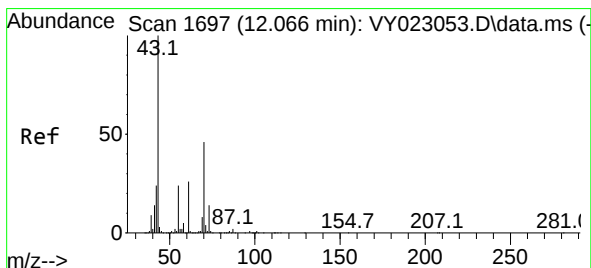
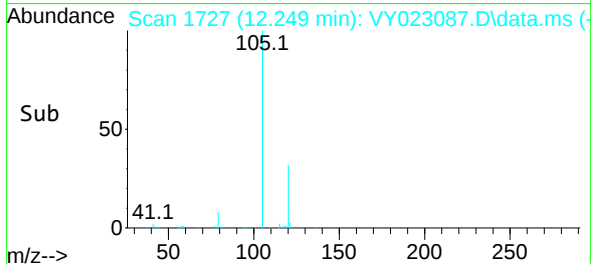
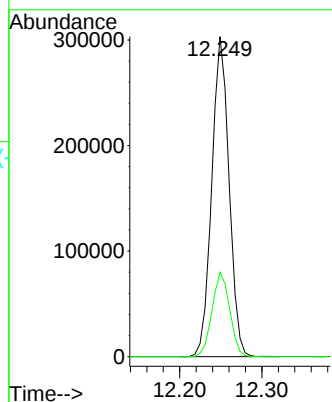
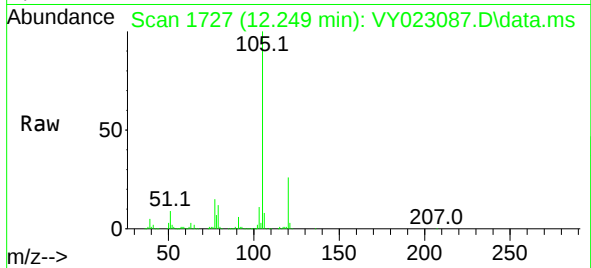




#73
Isopropylbenzene
Concen: 20.081 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

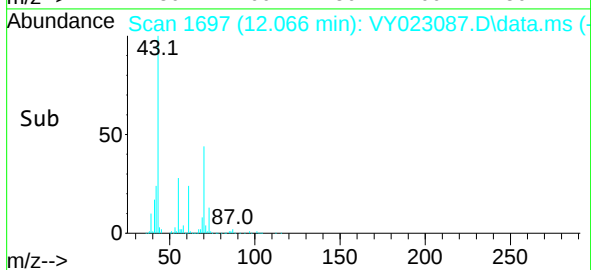
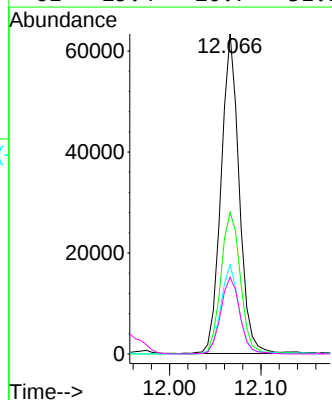
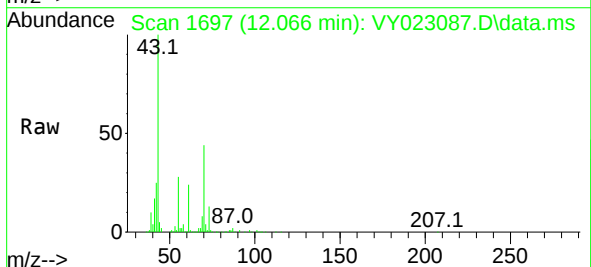
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

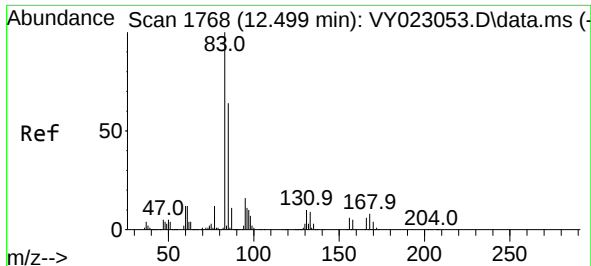
Tgt Ion:105 Resp: 442723
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 18.650 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 43 Resp: 87193
Ion Ratio Lower Upper
43 100
70 48.1 37.5 56.3
55 28.1 20.7 31.1
61 25.4 20.7 31.1

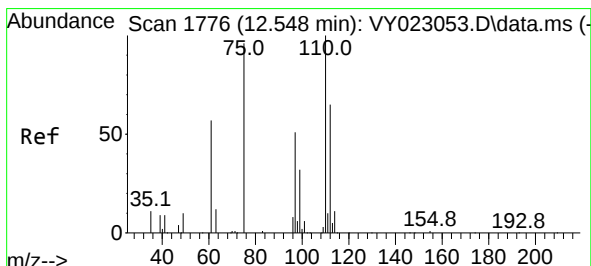
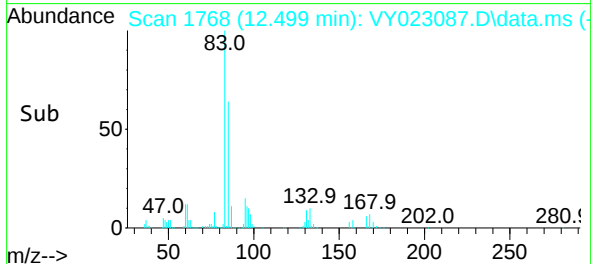
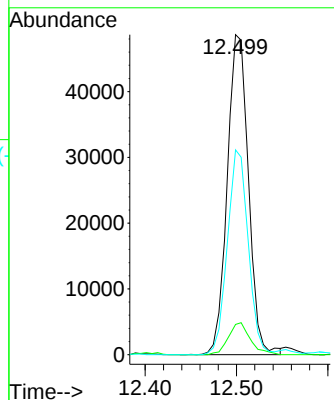
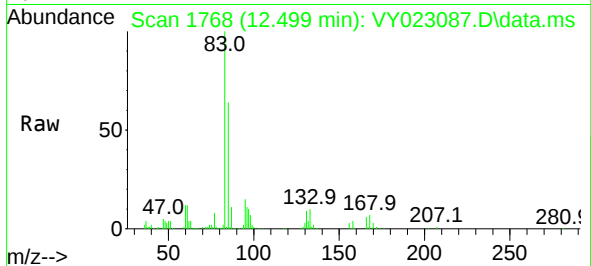




#75
1,1,2-Tetrachloroethane
Concen: 20.864 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

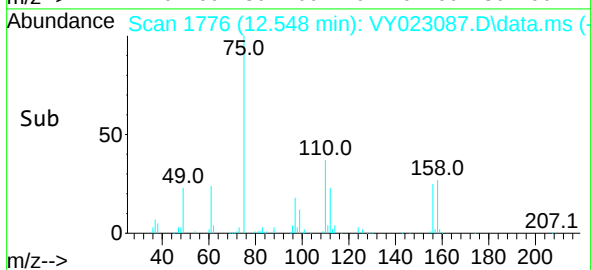
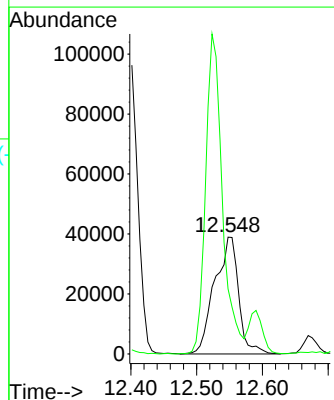
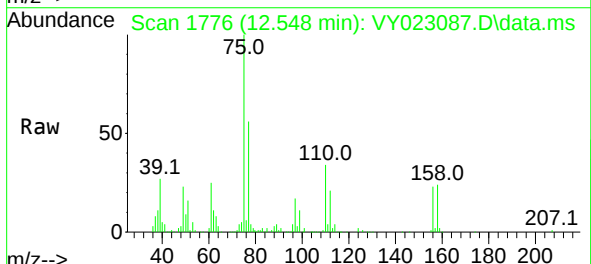
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

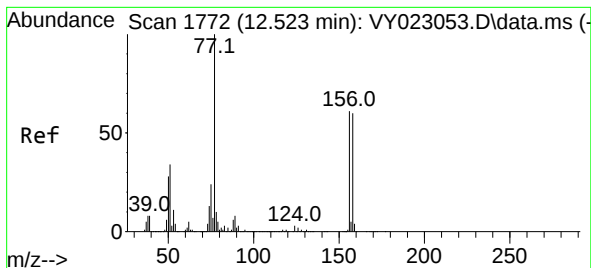
Tgt Ion: 83 Resp: 78539
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 63.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 32.825 ug/l
RT: 12.548 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 75 Resp: 98955
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.964 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBS01

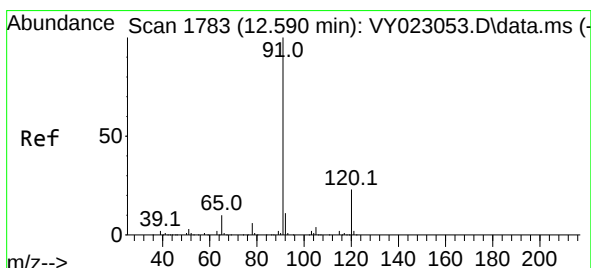
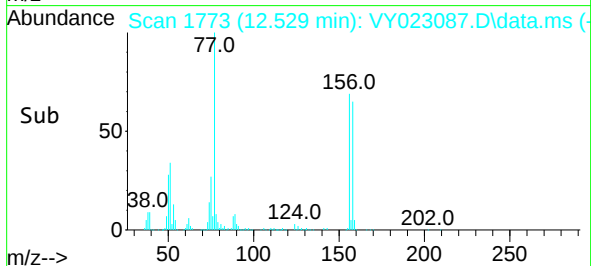
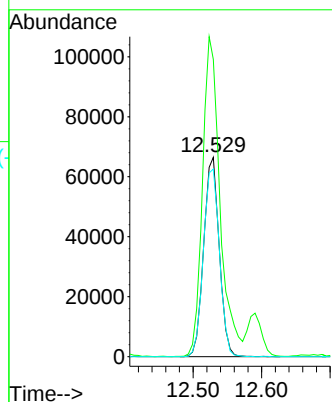
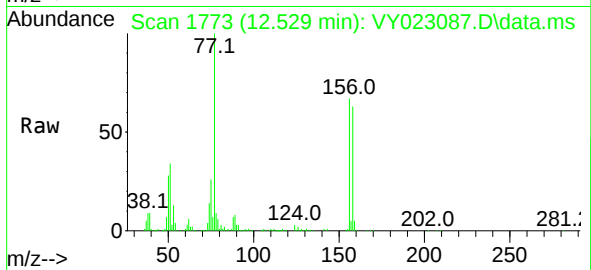
Tgt Ion:156 Resp: 105005

Ion Ratio Lower Upper

156 100

77 181.1 88.1 264.4

158 97.7 48.0 144.0



#78

n-propylbenzene

Concen: 20.888 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023087.D

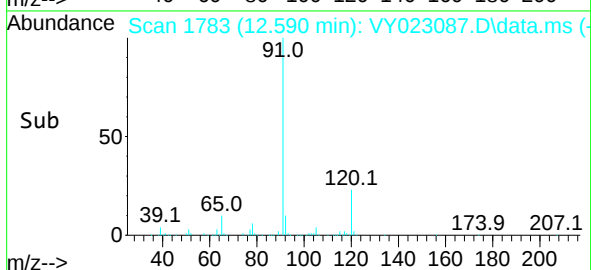
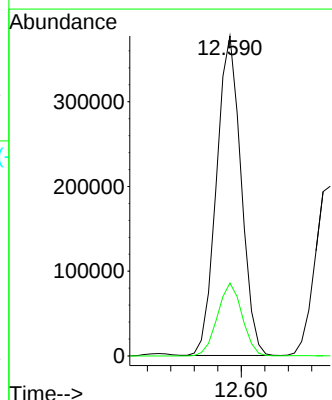
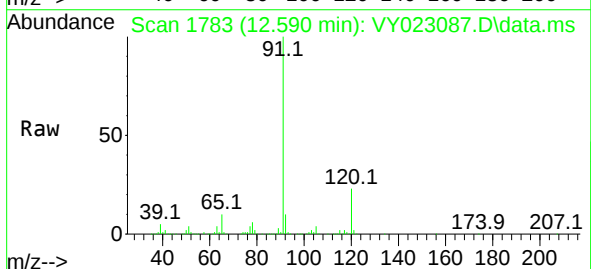
Acq: 14 Aug 2025 11:45

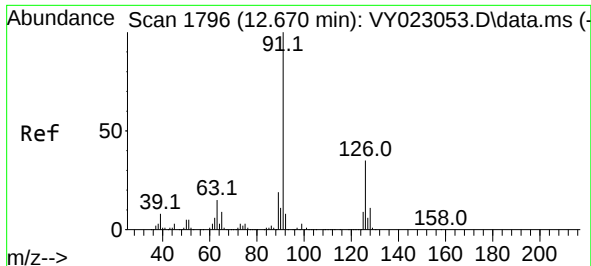
Tgt Ion: 91 Resp: 548250

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5

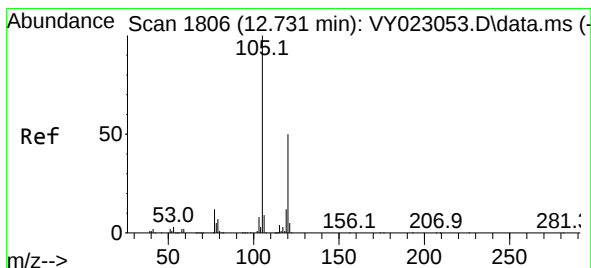
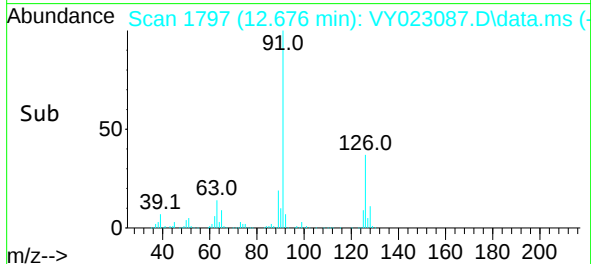
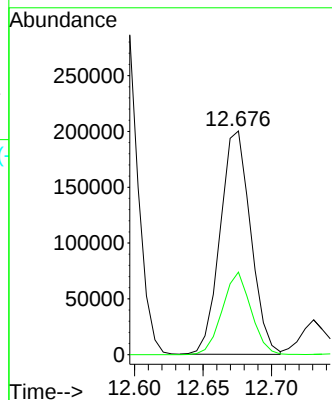
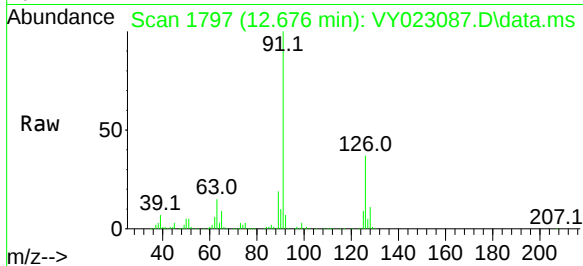




#79
2-Chlorotoluene
Concen: 20.609 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

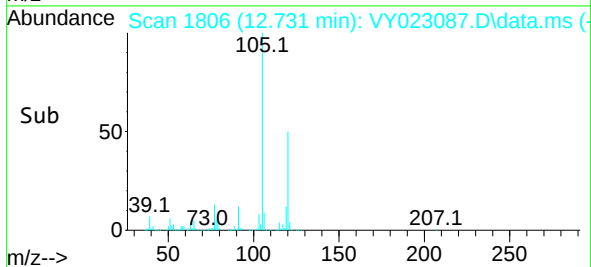
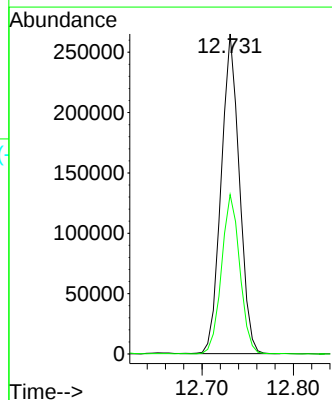
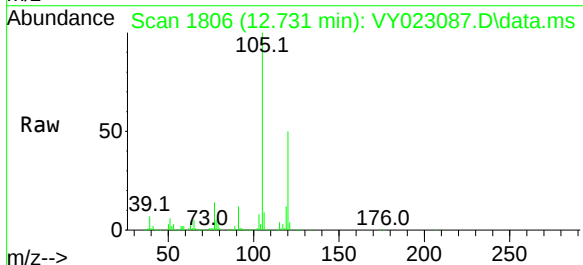
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

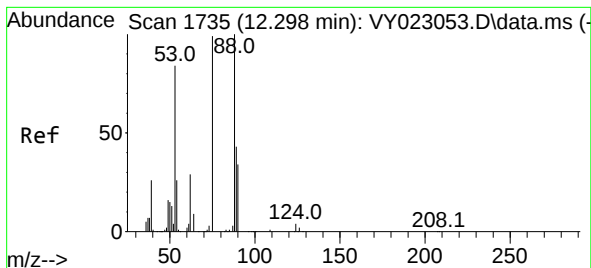
Tgt Ion: 91 Resp: 309929
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.626 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 105 Resp: 367513
Ion Ratio Lower Upper
105 100
120 50.2 24.8 74.4

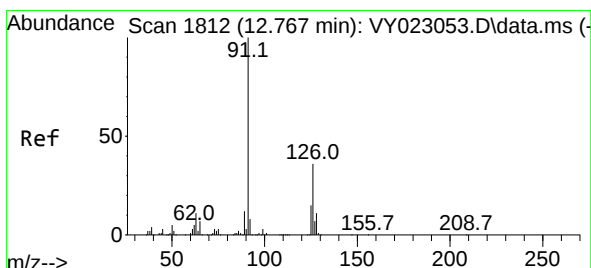
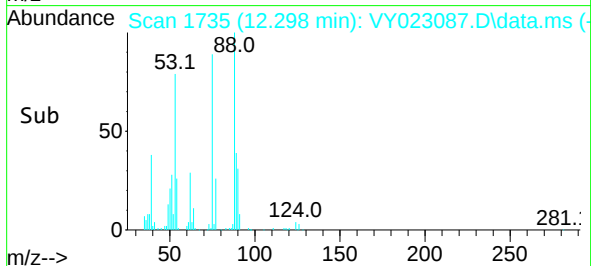
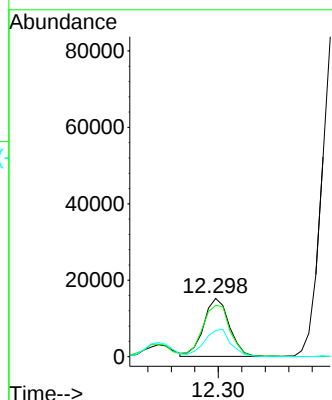
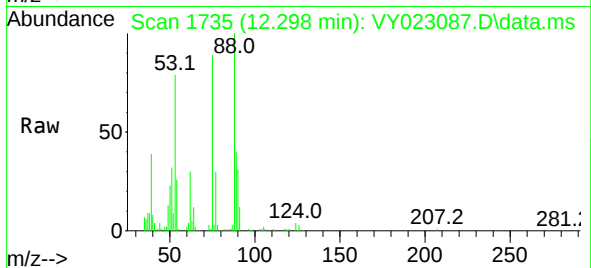




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.496 ug/l
 RT: 12.298 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

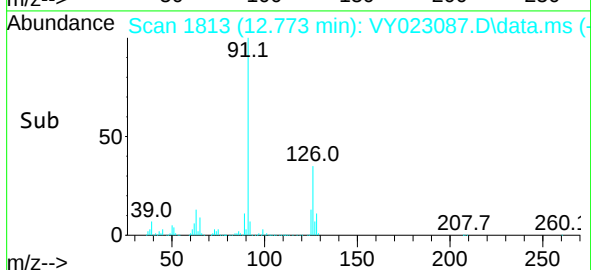
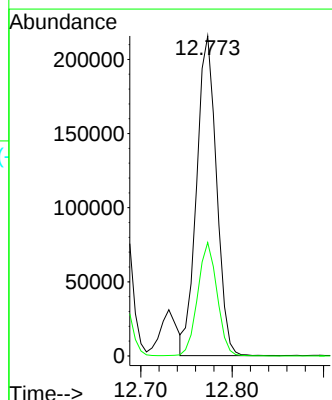
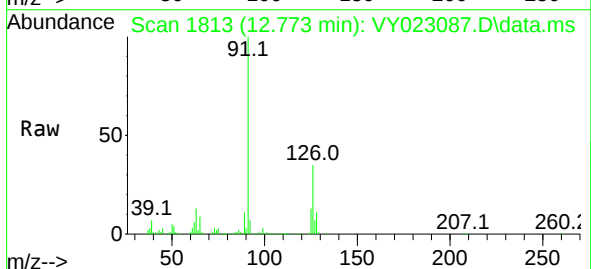
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBSD01

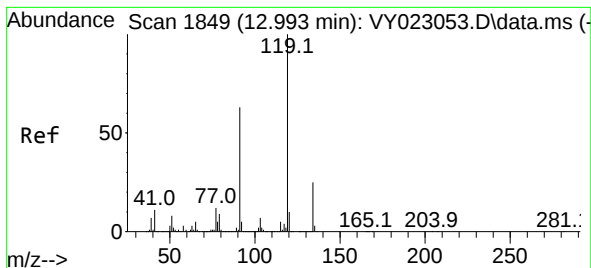
Tgt Ion: 75 Resp: 23035
 Ion Ratio Lower Upper
 75 100
 53 96.2 70.8 106.2
 89 48.0 38.1 57.1



#82
 4-Chlorotoluene
 Concen: 20.848 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. 0.006 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

Tgt Ion: 91 Resp: 325249
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0

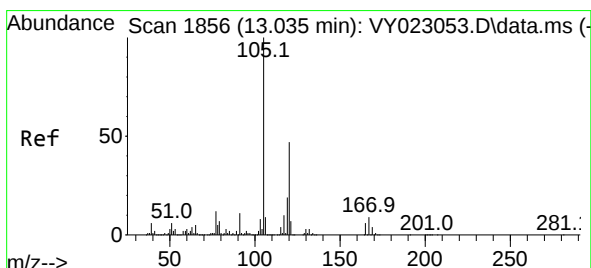
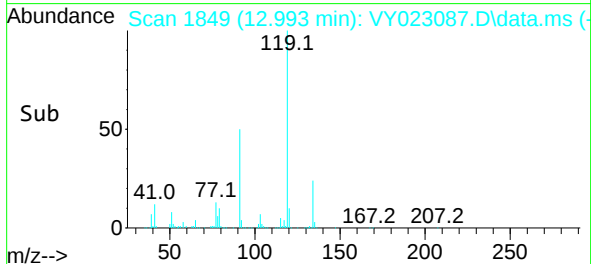
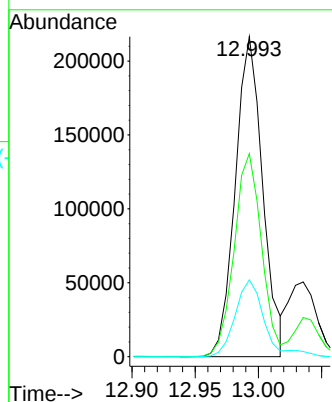
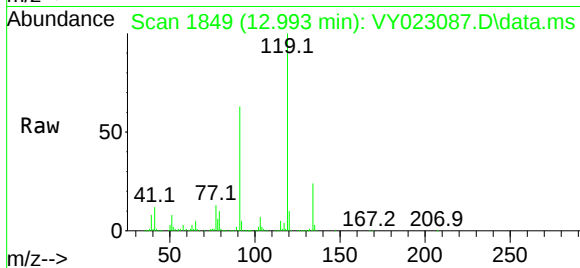




#83
 tert-Butylbenzene
 Concen: 20.304 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

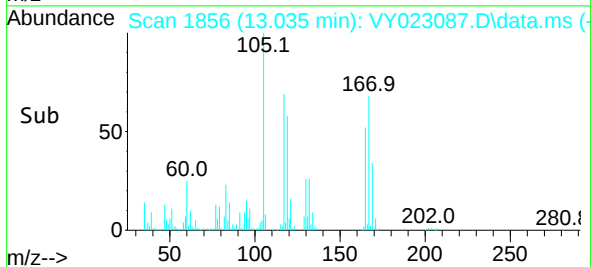
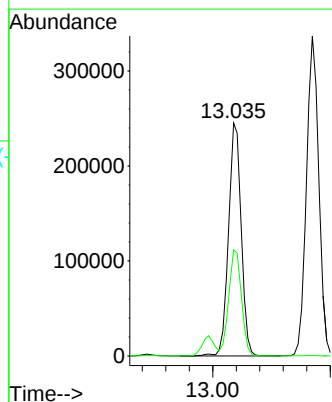
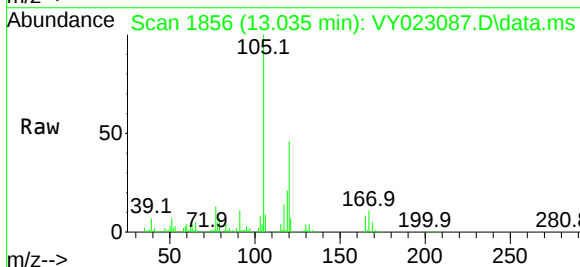
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBSD01

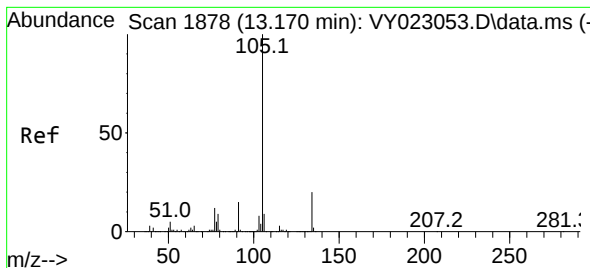
Tgt Ion:119 Resp: 326740
 Ion Ratio Lower Upper
 119 100
 91 63.2 31.6 94.8
 134 25.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.747 ug/l
 RT: 13.035 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

Tgt Ion:105 Resp: 367984
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.690 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

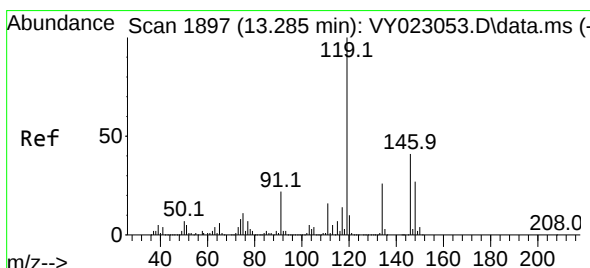
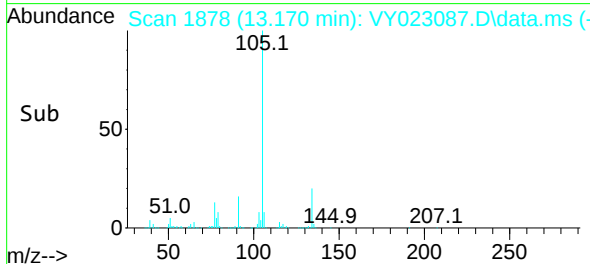
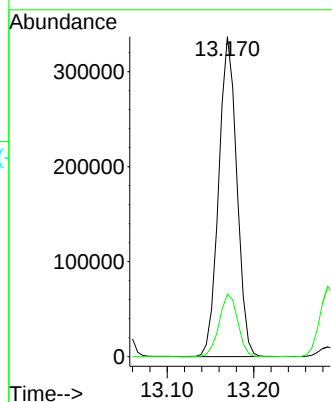
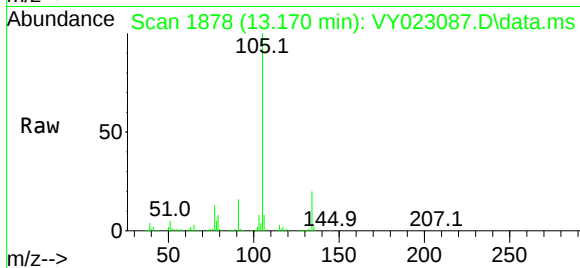
VY0814SBSD01

Tgt Ion:105 Resp: 489089

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.587 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

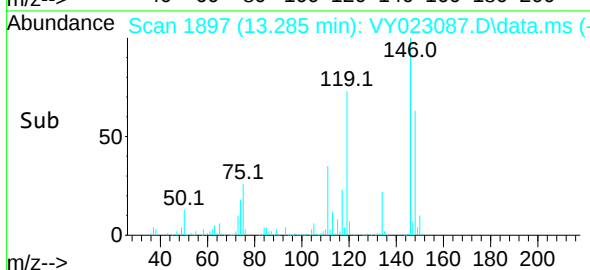
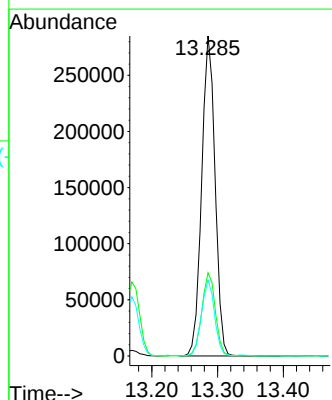
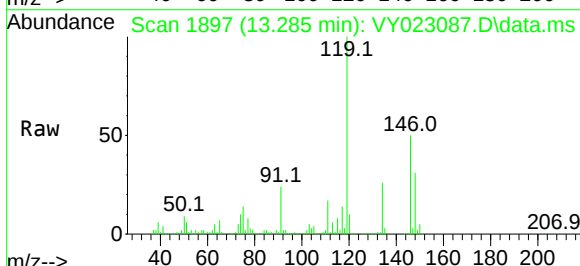
Tgt Ion:119 Resp: 403954

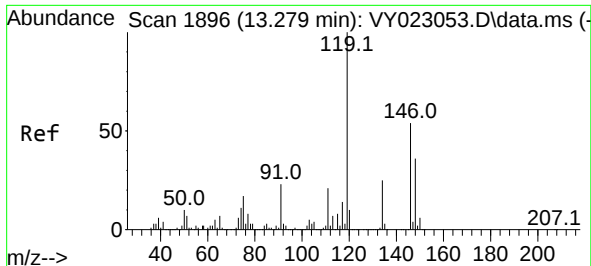
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

91 23.1 11.3 33.8

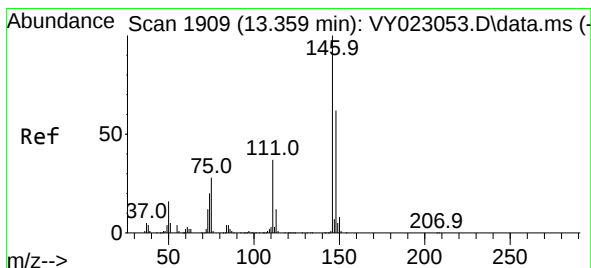
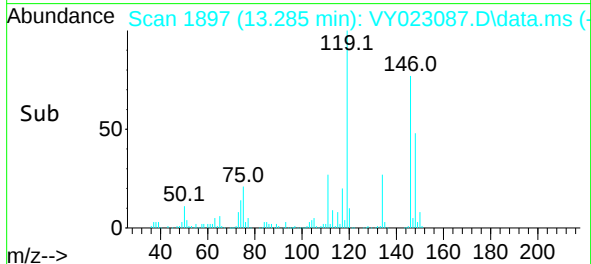
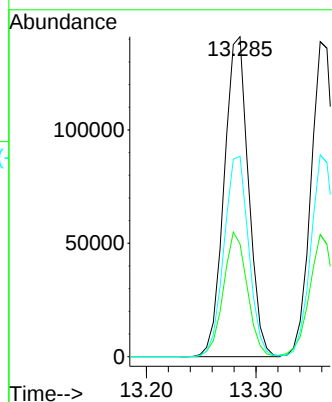
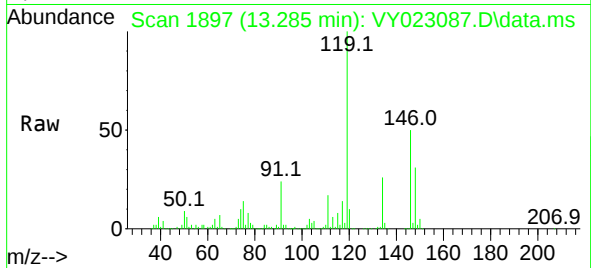




#87
1,3-Dichlorobenzene
Concen: 20.974 ug/l
RT: 13.285 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

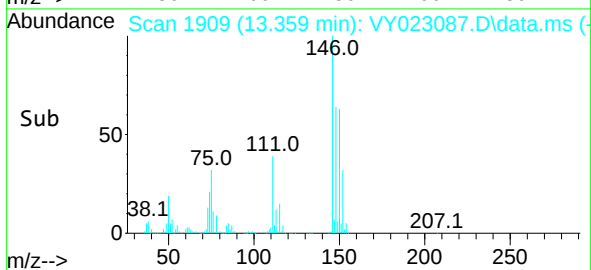
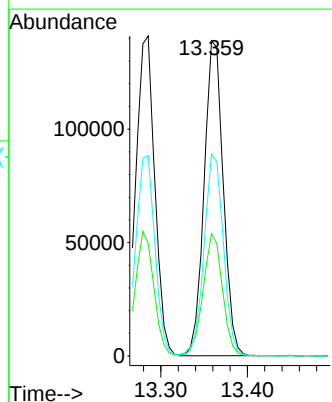
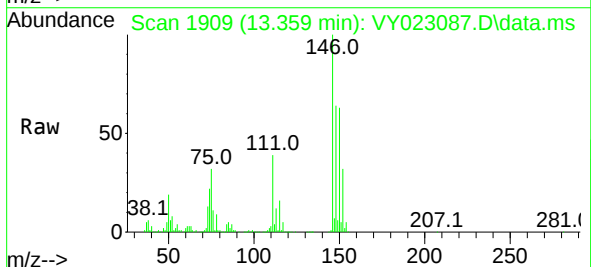
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

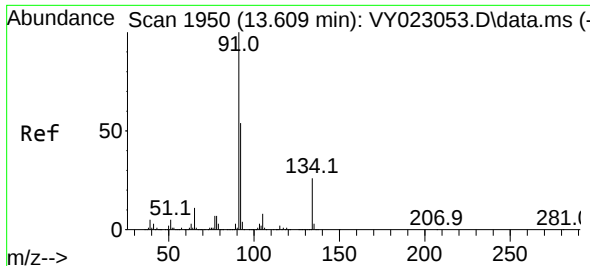
Tgt Ion:146 Resp: 217547
Ion Ratio Lower Upper
146 100
111 38.2 19.6 58.7
148 63.4 32.5 97.5



#88
1,4-Dichlorobenzene
Concen: 20.752 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion:146 Resp: 213512
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.1
148 64.5 31.6 94.7

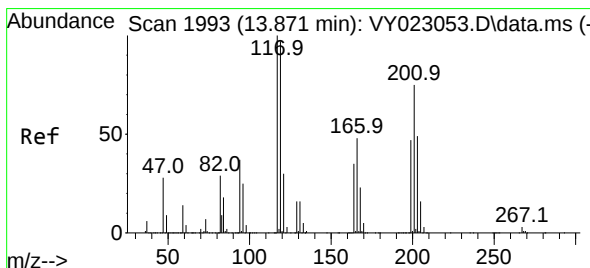
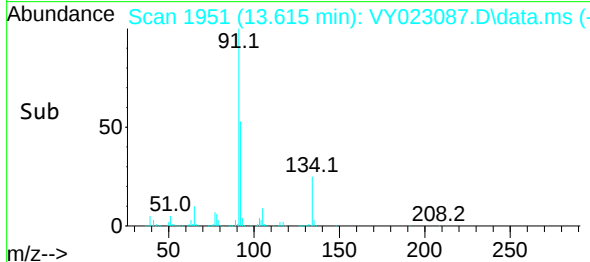
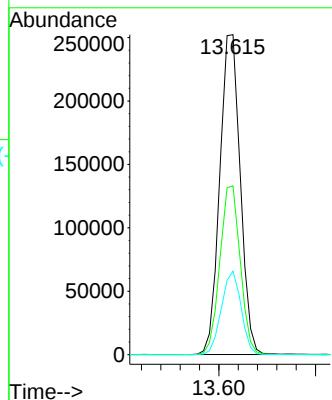
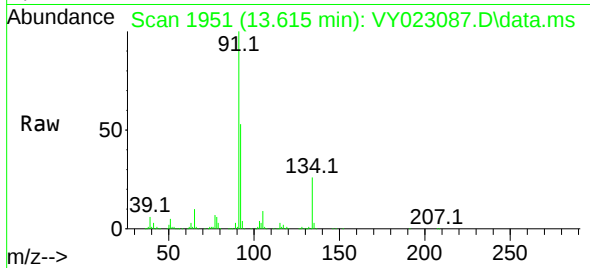




#89
n-Butylbenzene
Concen: 20.598 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

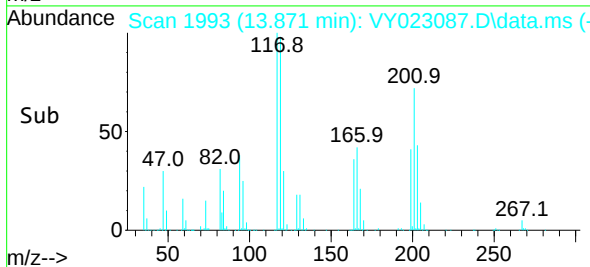
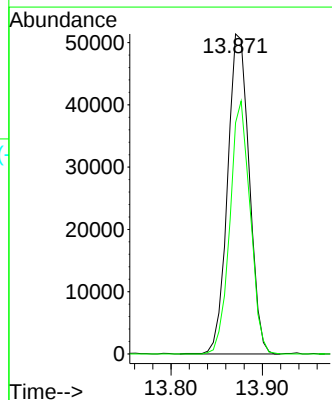
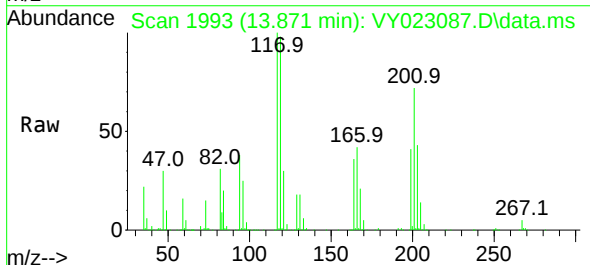
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBSD01

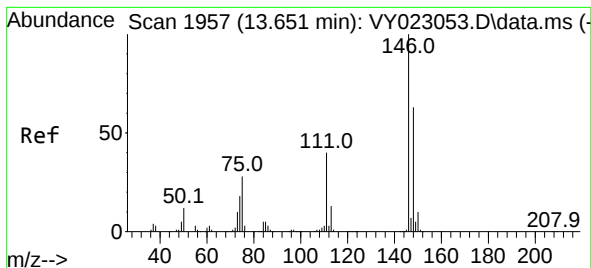
Tgt Ion: 91 Resp: 371218
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 25.1 13.2 39.5



#90
Hexachloroethane
Concen: 21.074 ug/l
RT: 13.871 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY023087.D
Acq: 14 Aug 2025 11:45

Tgt Ion: 117 Resp: 84649
Ion Ratio Lower Upper
117 100
201 74.0 38.4 115.1

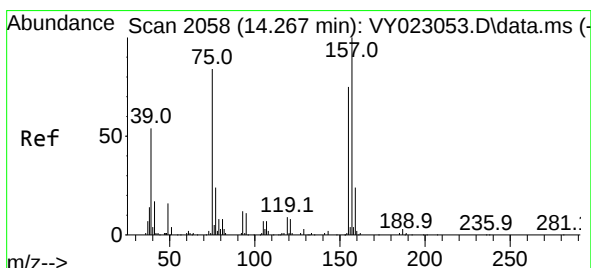
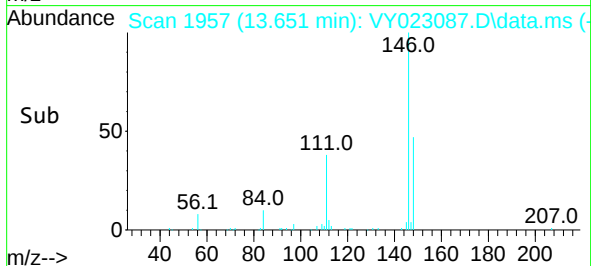
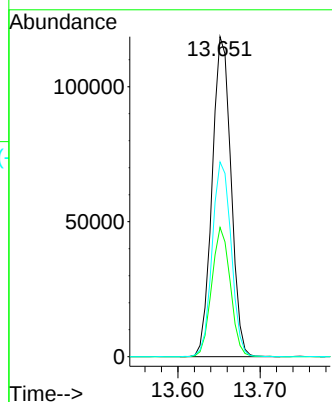
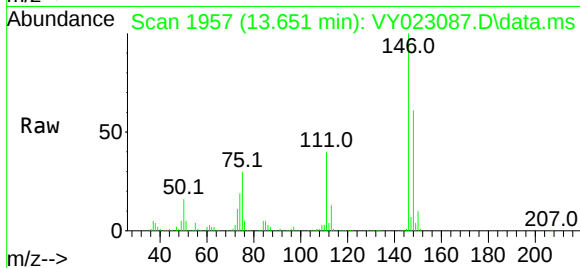




#91
 1,2-Dichlorobenzene
 Concen: 20.732 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

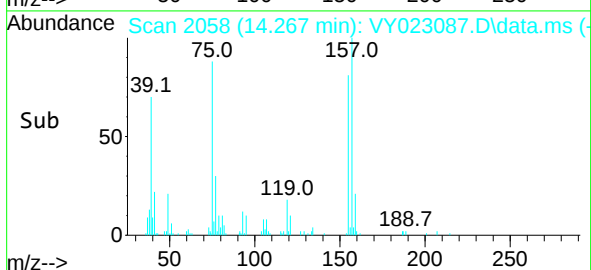
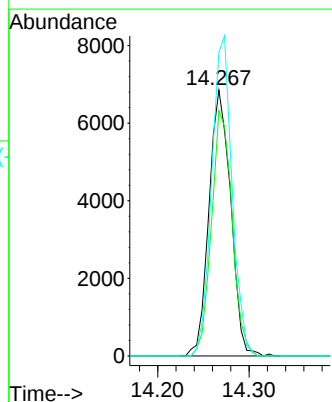
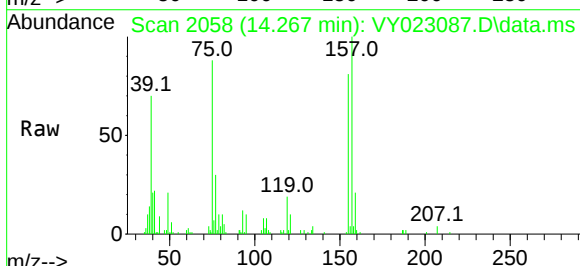
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBSD01

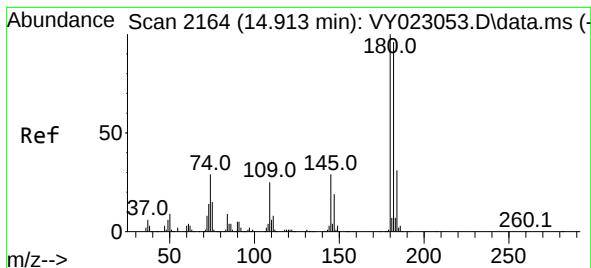
Tgt Ion:146 Resp: 188585
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 61.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.265 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY023087.D
 Acq: 14 Aug 2025 11:45

Tgt Ion: 75 Resp: 11291
 Ion Ratio Lower Upper
 75 100
 155 87.8 43.9 131.6
 157 112.8 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 19.208 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023087.D

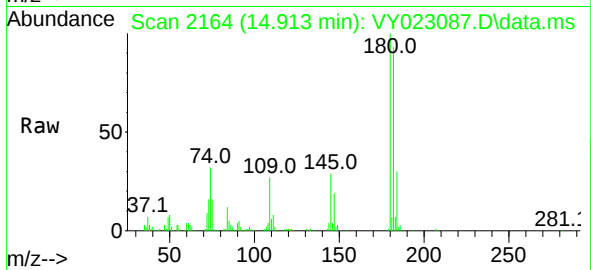
Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBSD01



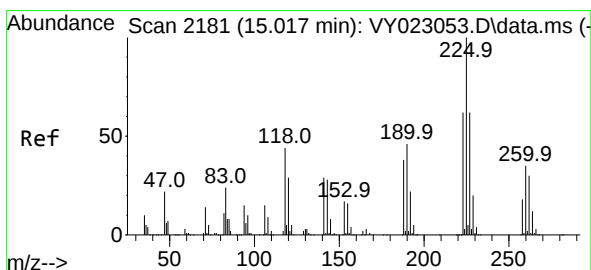
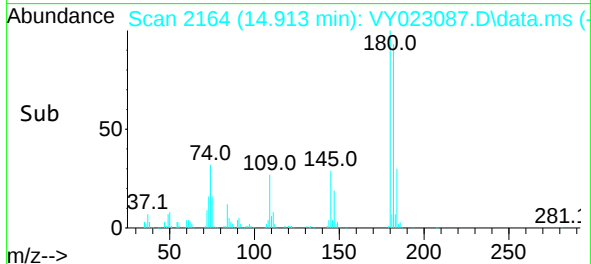
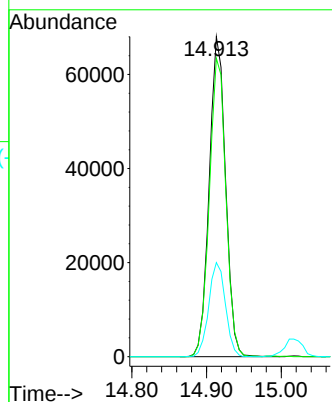
Tgt Ion:180 Resp: 103325

Ion Ratio Lower Upper

180 100

182 94.4 46.8 140.4

145 30.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.329 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

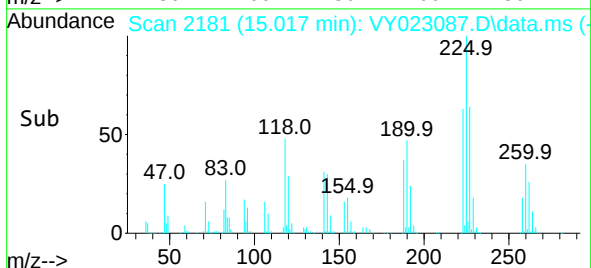
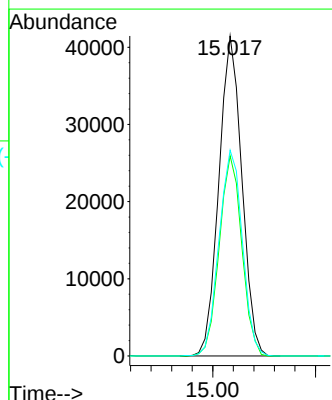
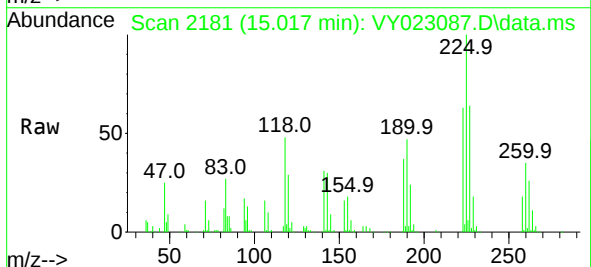
Tgt Ion:225 Resp: 64258

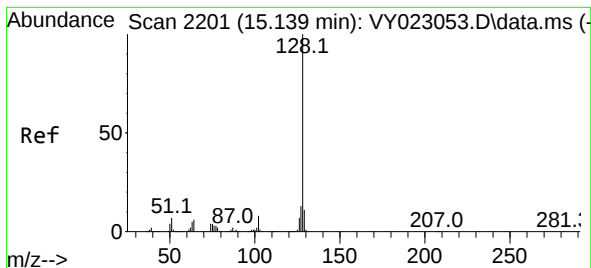
Ion Ratio Lower Upper

225 100

223 61.2 31.3 93.8

227 65.3 31.5 94.5





#95

Naphthalene

Concen: 18.336 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBSD01

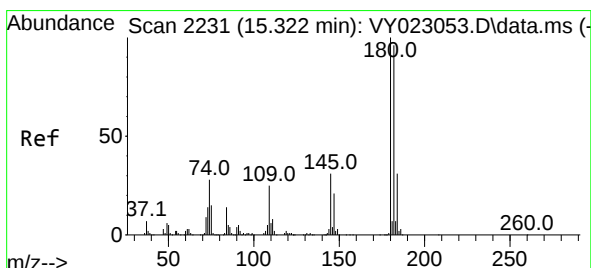
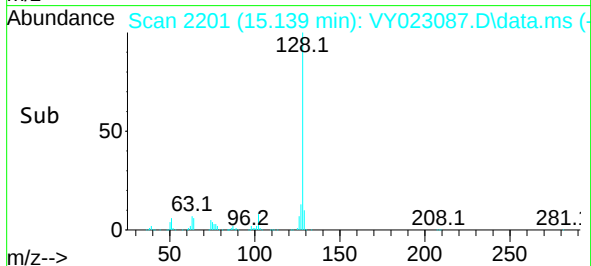
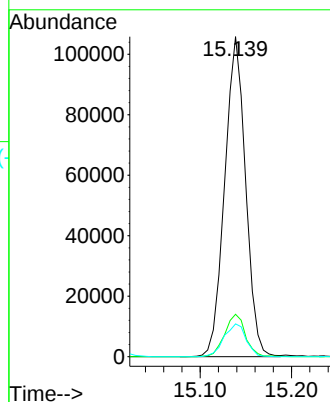
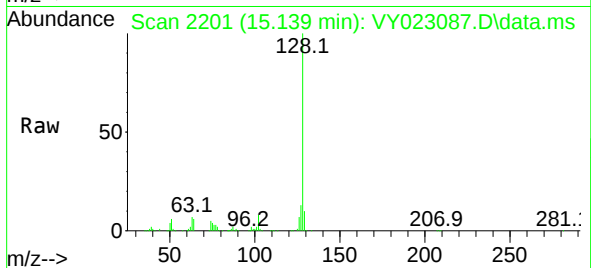
Tgt Ion:128 Resp: 168186

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 19.024 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023087.D

Acq: 14 Aug 2025 11:45

Tgt Ion:180 Resp: 88181

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 32.0 15.9 47.7

