

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023113.D
 Acq On : 15 Aug 2025 09:37
 Operator : SY/MD
 Sample : VY0815SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

Quant Time: Aug 18 02:24:07 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	452403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	727202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	654458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.341	152	327154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	222883	51.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.380%	
35) Dibromofluoromethane	7.634	113	214583	49.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.620%	
50) Toluene-d8	10.103	98	852746	50.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.402	95	265399	48.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.100%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	72666	19.678	ug/l	95
3) Chloromethane	2.068	50	133033	22.242	ug/l	99
4) Vinyl Chloride	2.202	62	166453	22.514	ug/l	99
5) Bromomethane	2.586	94	140731	25.487	ug/l	99
6) Chloroethane	2.733	64	111737	22.732	ug/l	98
7) Trichlorofluoromethane	3.050	101	189636	21.094	ug/l	99
8) Diethyl Ether	3.452	74	47224	19.855	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	89471	20.173	ug/l	98
10) Methyl Iodide	4.001	142	86732	18.122	ug/l	98
11) Tert butyl alcohol	4.860	59	27882	94.376	ug/l	99
12) 1,1-Dichloroethene	3.787	96	86211	19.775	ug/l	96
13) Acrolein	3.647	56	38871	89.841	ug/l	100
14) Allyl chloride	4.379	41	123002	19.175	ug/l	98
15) Acrylonitrile	5.055	53	97096	100.413	ug/l	99
16) Acetone	3.867	43	106046	113.526	ug/l	96
17) Carbon Disulfide	4.104	76	285962	20.117	ug/l	99
18) Methyl Acetate	4.379	43	51562	18.549	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	220832	19.548	ug/l	98
20) Methylene Chloride	4.610	84	108703	20.808	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	97531	19.907	ug/l	98
22) Diisopropyl ether	6.019	45	280592	20.129	ug/l	95
23) Vinyl Acetate	5.958	43	767186	99.534	ug/l	98
24) 1,1-Dichloroethane	5.915	63	173658	20.377	ug/l	99
25) 2-Butanone	6.890	43	133656	105.206	ug/l	100
26) 2,2-Dichloropropane	6.884	77	149423	20.319	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	113605	20.058	ug/l	97
28) Bromochloromethane	7.238	49	74111	21.919	ug/l	96
29) Tetrahydrofuran	7.262	42	77082	97.884	ug/l	99
30) Chloroform	7.415	83	183779	20.909	ug/l	92
31) Cyclohexane	7.701	56	151804	18.902	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	157956	20.254	ug/l	99
36) 1,1-Dichloropropene	7.835	75	129384	20.008	ug/l	99
37) Ethyl Acetate	6.982	43	55493	20.428	ug/l	98
38) Carbon Tetrachloride	7.817	117	137873	19.630	ug/l	99
39) Methylcyclohexane	9.103	83	159285	18.705	ug/l	99
40) Benzene	8.079	78	405603	20.350	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	28150	17.956	ug/l	90
42) 1,2-Dichloroethane	8.152	62	106658	20.575	ug/l	98
43) Isopropyl Acetate	8.195	43	107344	19.551	ug/l	99
44) Trichloroethene	8.860	130	105377	20.459	ug/l	100
45) 1,2-Dichloropropane	9.140	63	93789	20.451	ug/l	100
46) Dibromomethane	9.231	93	54800	20.819	ug/l	97
47) Bromodichloromethane	9.420	83	141008	20.819	ug/l	100
48) Methyl methacrylate	9.219	41	49562	18.864	ug/l	98
49) 1,4-Dioxane	9.238	88	12370	400.796	ug/l	97
51) 4-Methyl-2-Pentanone	9.994	43	277163	97.864	ug/l	100
52) Toluene	10.170	92	255717	20.201	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	121993	19.890	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	142316	19.623	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	71057	20.174	ug/l	98
56) Ethyl methacrylate	10.439	69	86412	19.173	ug/l	98
57) 1,3-Dichloropropane	10.713	76	118549	19.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	208567	98.106	ug/l	100
59) 2-Hexanone	10.756	43	193382	100.277	ug/l	99
60) Dibromochloromethane	10.908	129	93374	20.091	ug/l	99
61) 1,2-Dibromoethane	11.012	107	66622	20.125	ug/l	98
64) Tetrachloroethene	10.646	164	127239	21.773	ug/l	93
65) Chlorobenzene	11.438	112	274616	19.453	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	93262	19.466	ug/l	98
67) Ethyl Benzene	11.518	91	456905	18.808	ug/l	98
68) m/p-Xylenes	11.627	106	365819	38.555	ug/l	98
69) o-Xylene	11.951	106	165713	18.648	ug/l	98
70) Styrene	11.969	104	281721	19.385	ug/l	99
71) Bromoform	12.127	173	52326	18.687	ug/l #	98
73) Isopropylbenzene	12.249	105	433053	18.755	ug/l	99
74) N-amyl acetate	12.066	43	91104	18.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	71400	18.110	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	101444	32.129	ug/l #	100
77) Bromobenzene	12.530	156	104694	19.006	ug/l	97
78) n-propylbenzene	12.591	91	527930	19.204	ug/l	100
79) 2-Chlorotoluene	12.676	91	298409	18.946	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	351759	18.850	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	24161	18.524	ug/l	95
82) 4-Chlorotoluene	12.774	91	307174	18.799	ug/l	99
83) tert-Butylbenzene	12.993	119	305956	18.153	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	356647	19.199	ug/l	99
85) sec-Butylbenzene	13.170	105	468353	18.917	ug/l	100
86) p-Isopropyltoluene	13.286	119	388353	18.897	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	206995	19.055	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	207638	19.268	ug/l	99
89) n-Butylbenzene	13.615	91	353333	18.720	ug/l	98
90) Hexachloroethane	13.877	117	82985	19.725	ug/l	97
91) 1,2-Dichlorobenzene	13.658	146	180503	18.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12160	19.809	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	102405	18.177	ug/l	99
94) Hexachlorobutadiene	15.017	225	61940	18.710	ug/l	98
95) Naphthalene	15.139	128	168145	17.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	86860	17.892	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

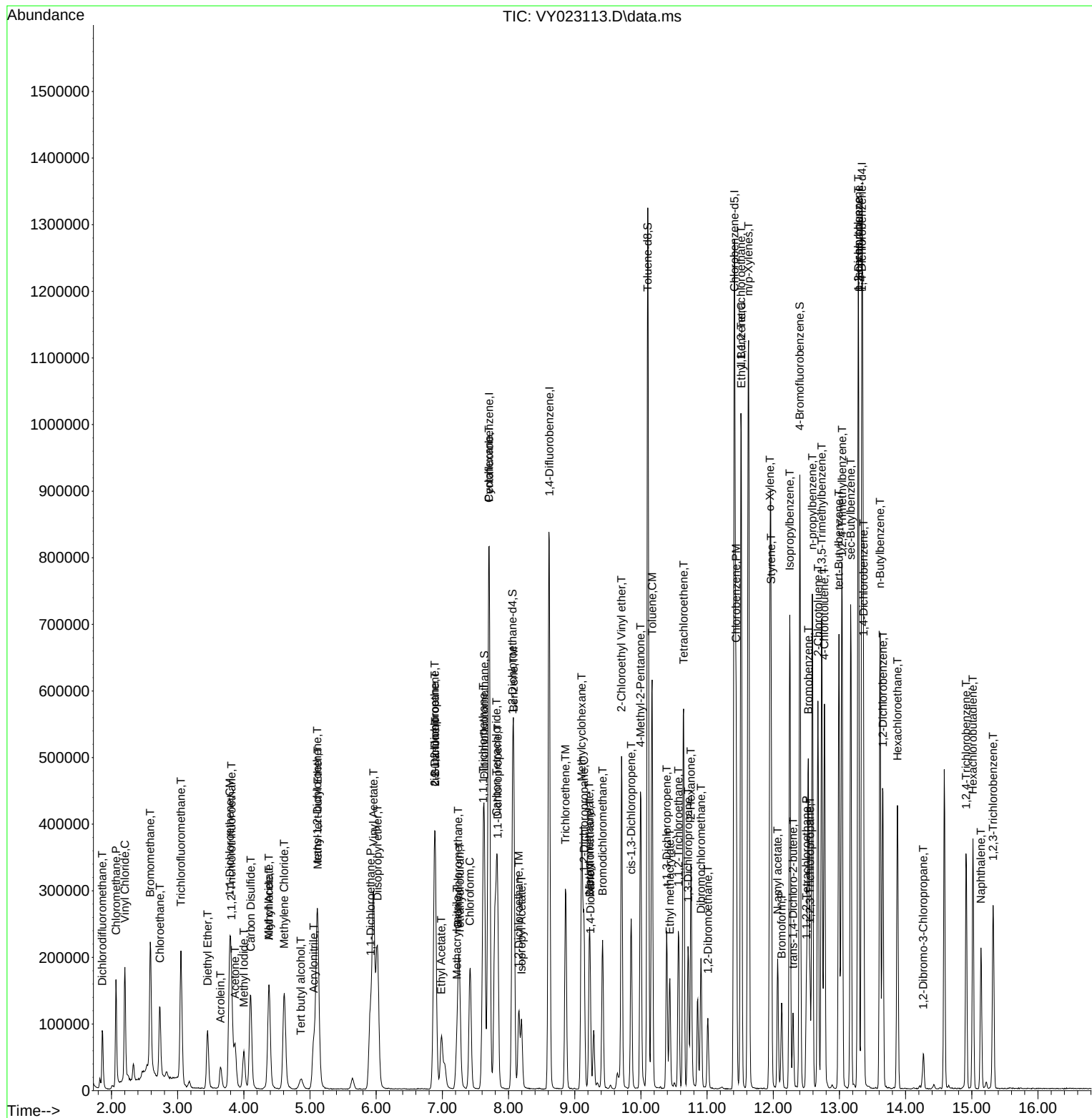
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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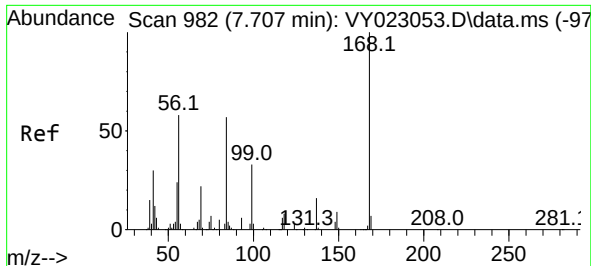
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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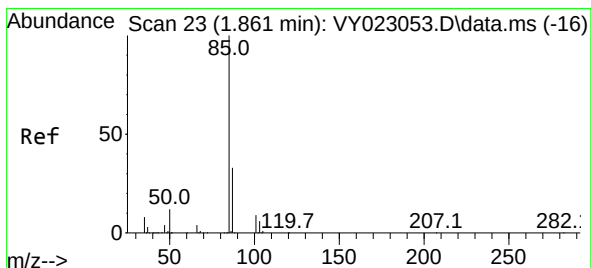
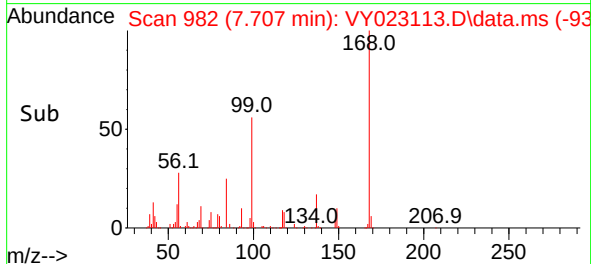
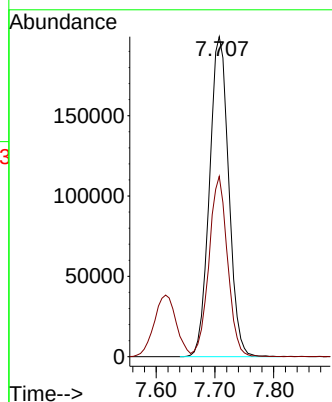
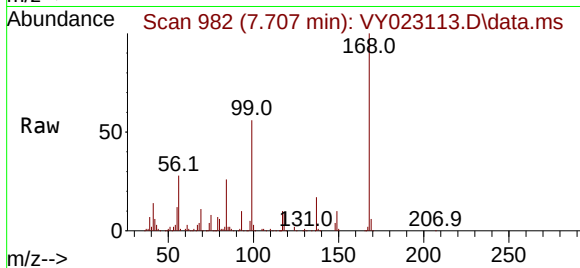




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023113.D
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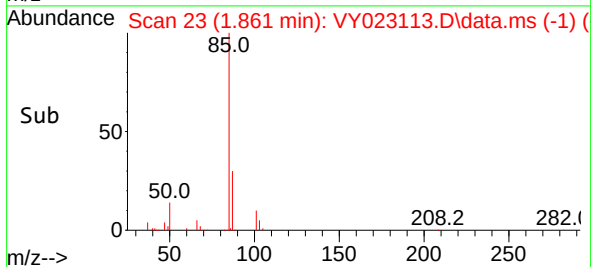
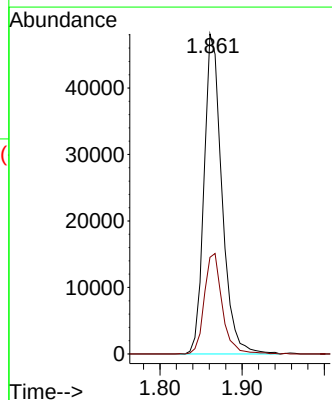
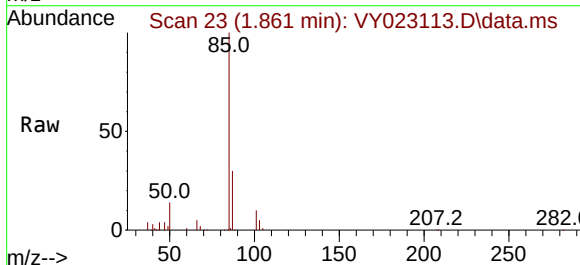
Instrument :
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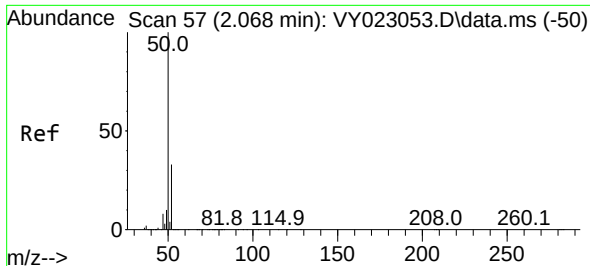
Tgt Ion:168 Resp: 452403
Ion Ratio Lower Upper
168 100
99 56.3 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 19.678 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 85 Resp: 72666
Ion Ratio Lower Upper
85 100
87 30.2 16.6 49.8

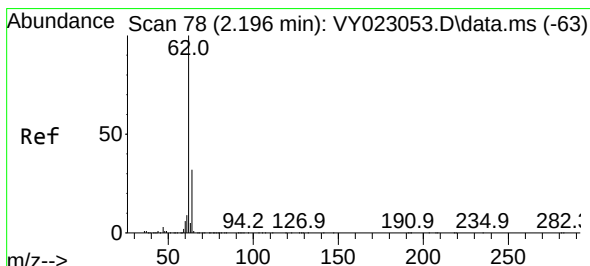
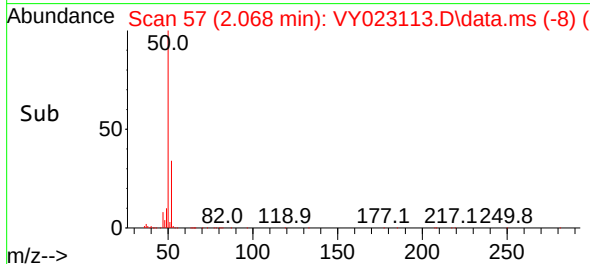
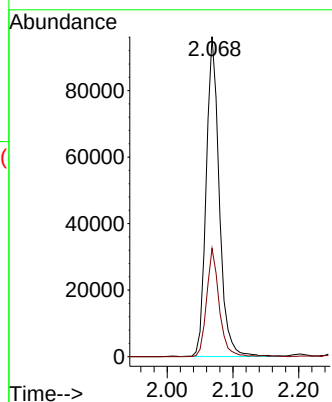
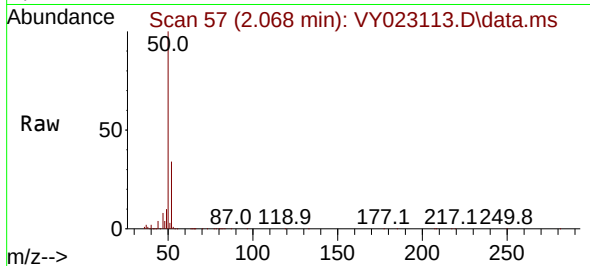




#3
Chloromethane
Concen: 22.242 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

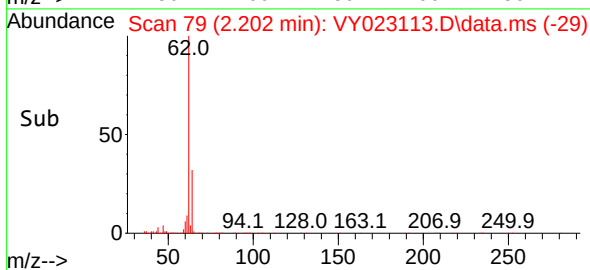
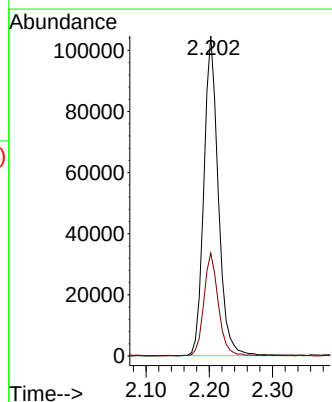
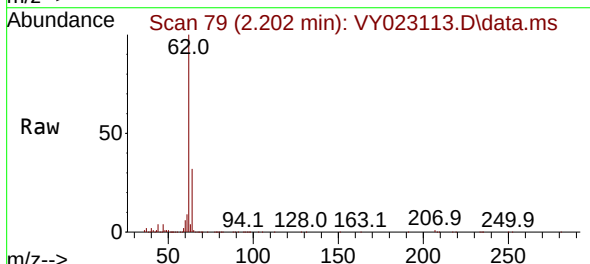
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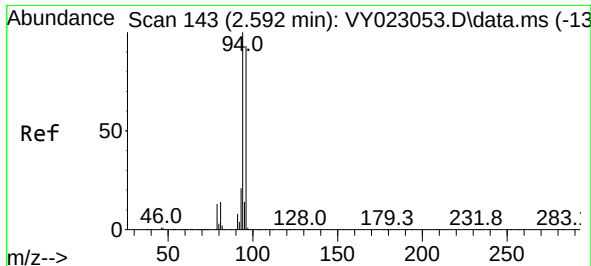
Tgt Ion: 50 Resp: 133033
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1



#4
Vinyl Chloride
Concen: 22.514 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 62 Resp: 166453
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

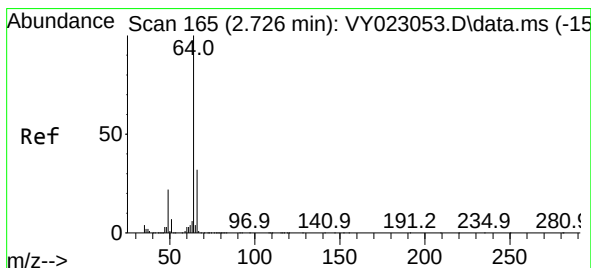
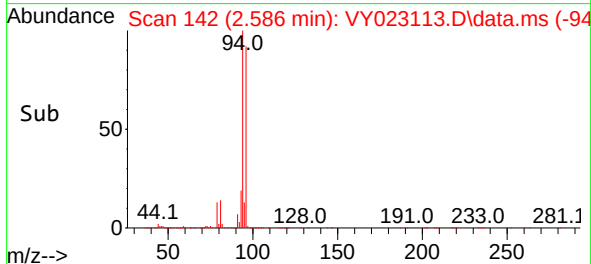
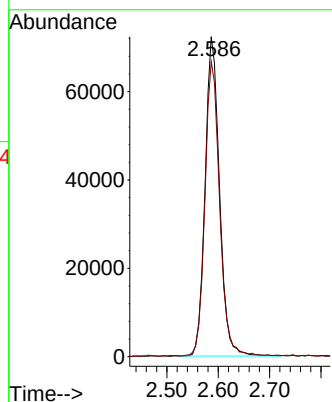
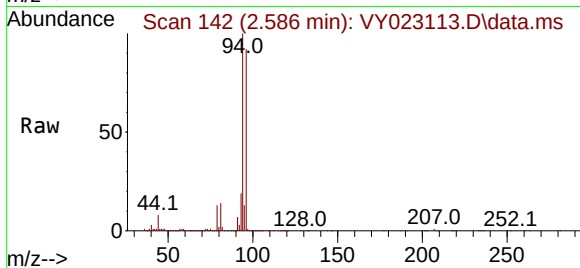




#5
Bromomethane
Concen: 25.487 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

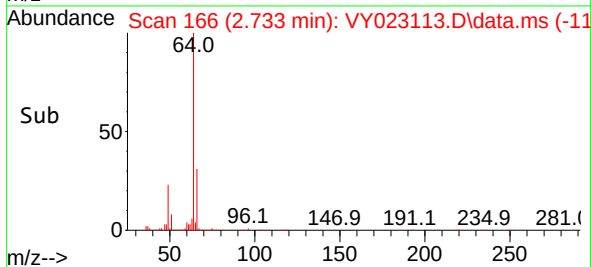
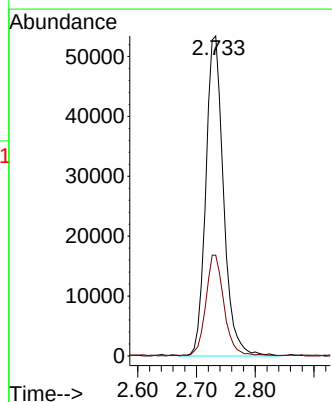
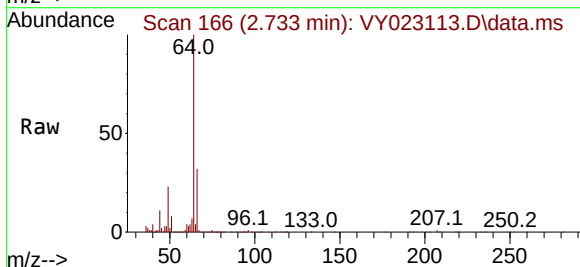
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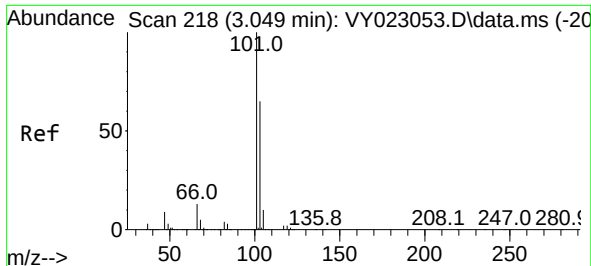
Tgt Ion: 94 Resp: 140731
Ion Ratio Lower Upper
94 100
96 92.1 74.6 112.0



#6
Chloroethane
Concen: 22.732 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 64 Resp: 111737
Ion Ratio Lower Upper
64 100
66 31.3 25.8 38.6

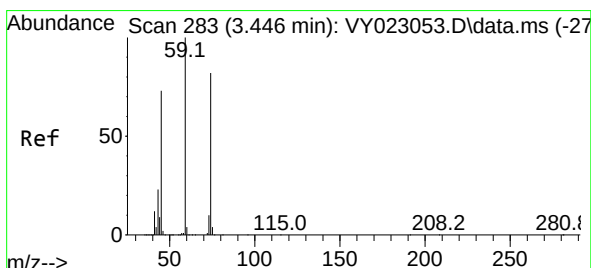
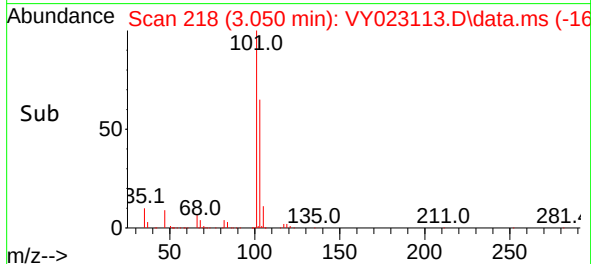
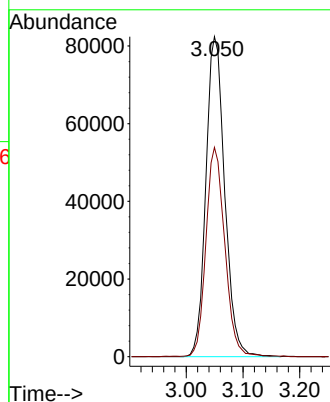
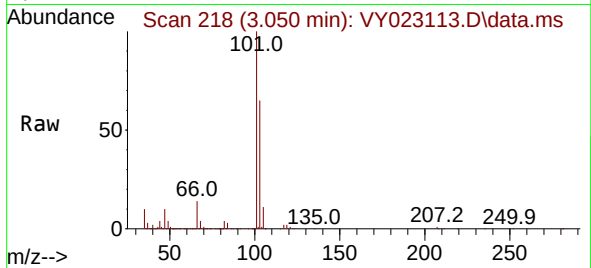




#7
 Trichlorofluoromethane
 Concen: 21.094 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023113.D
 Acq: 15 Aug 2025 09:37

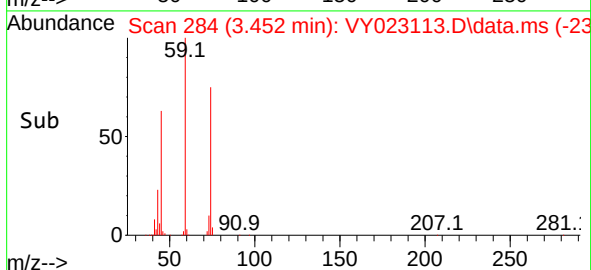
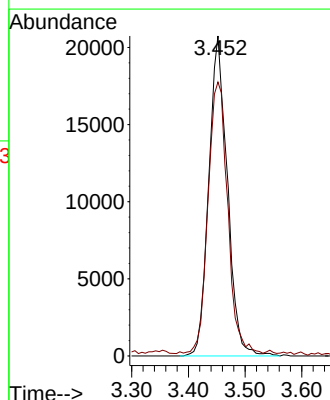
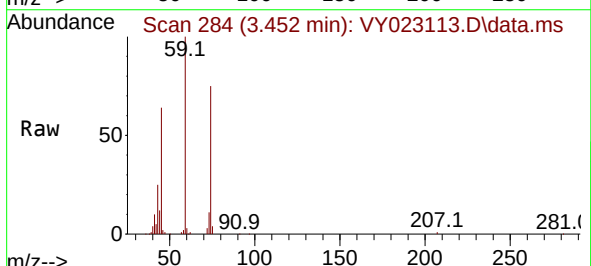
Instrument :
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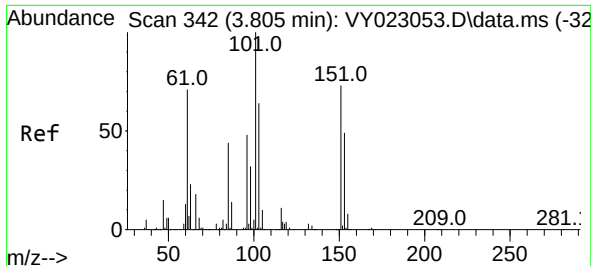
Tgt Ion:101 Resp: 189636
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.855 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023113.D
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Tgt Ion: 74 Resp: 47224
 Ion Ratio Lower Upper
 74 100
 45 89.4 44.4 133.2

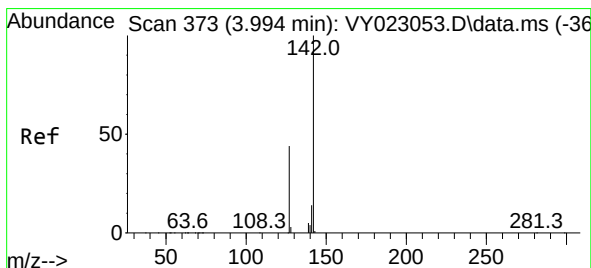
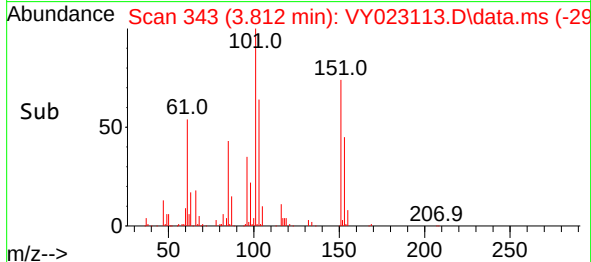
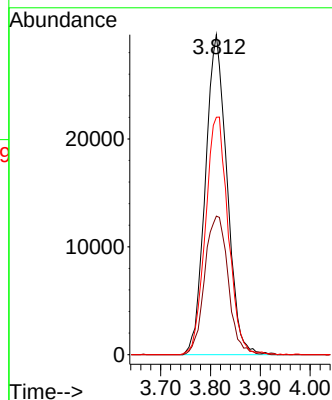
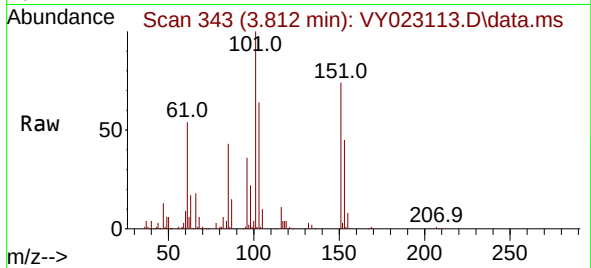




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.173 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

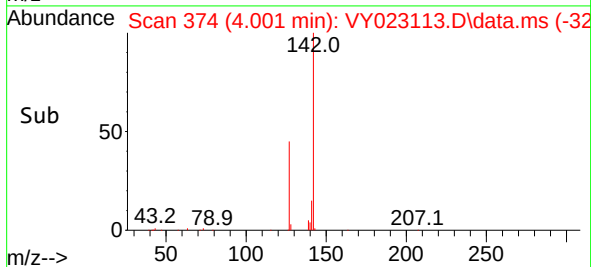
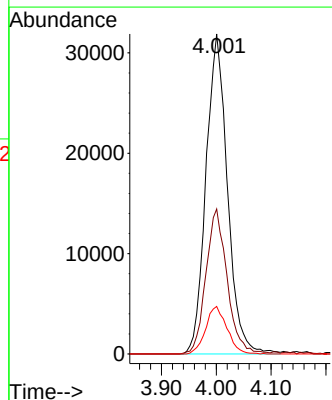
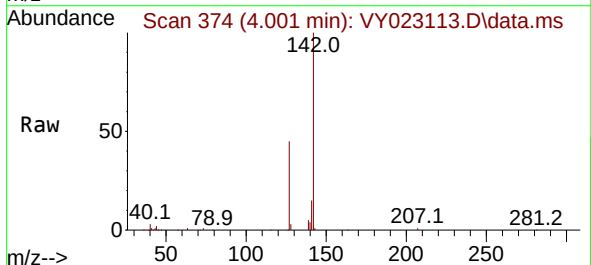
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

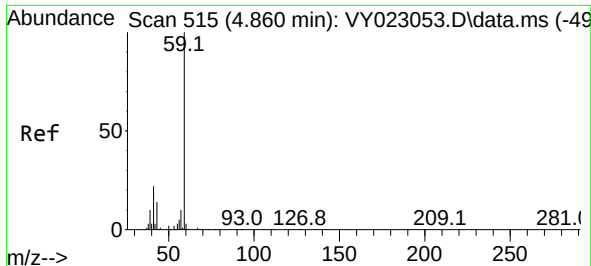
Tgt Ion:101 Resp: 89471
Ion Ratio Lower Upper
101 100
85 46.8 36.3 54.5
151 78.1 61.5 92.3



#10
Methyl Iodide
Concen: 18.122 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion:142 Resp: 86732
Ion Ratio Lower Upper
142 100
127 44.8 34.9 52.3
141 14.7 11.3 16.9

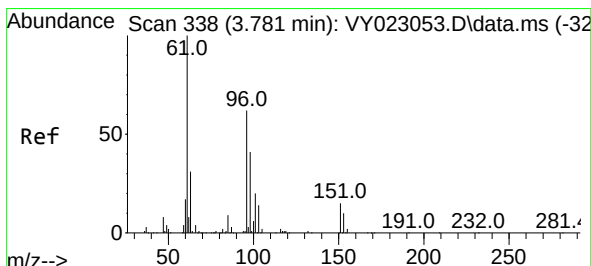
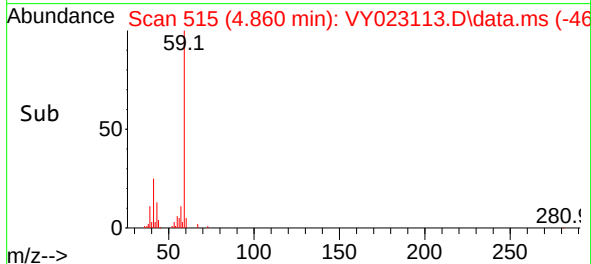
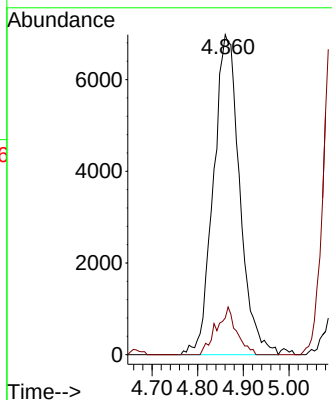
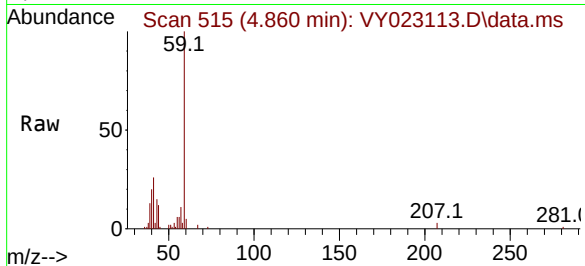




#11
Tert butyl alcohol
Concen: 94.376 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

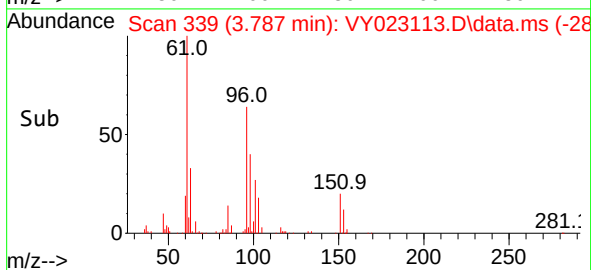
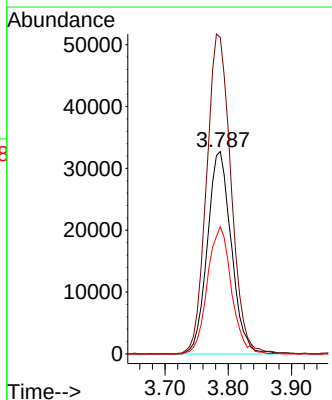
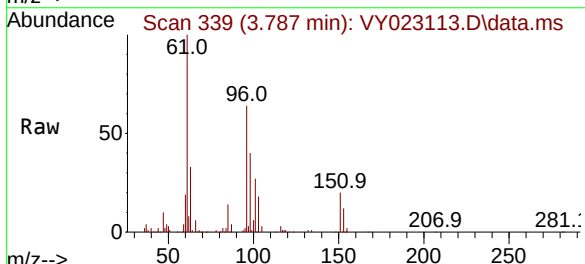
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

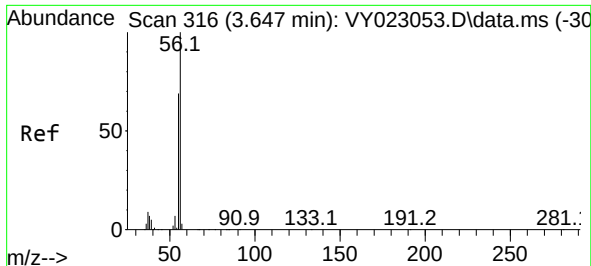
Tgt Ion: 59 Resp: 27882
Ion Ratio Lower Upper
59 100
57 11.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 19.775 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 96 Resp: 86211
Ion Ratio Lower Upper
96 100
61 156.1 129.4 194.2
98 62.8 52.8 79.2

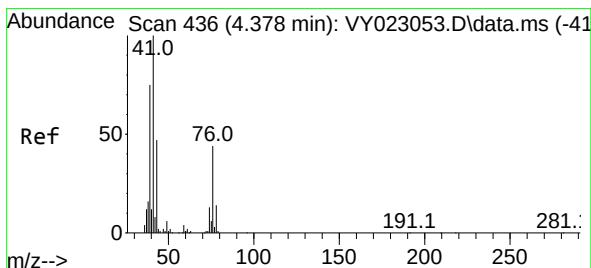
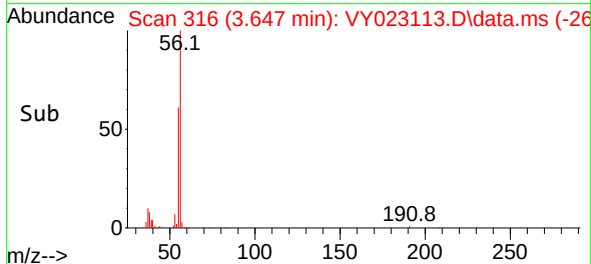
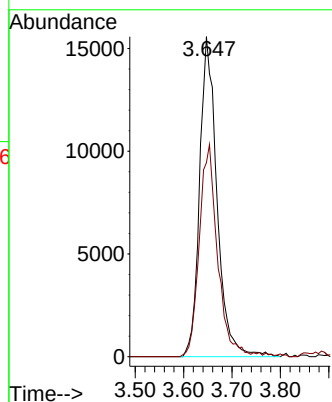
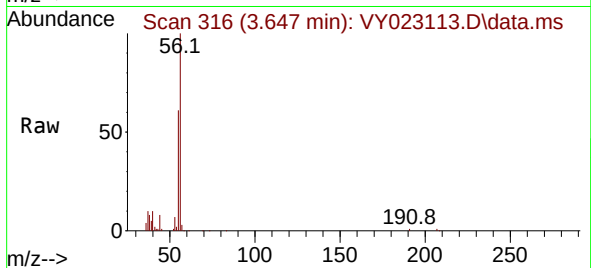




#13
Acrolein
Concen: 89.841 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

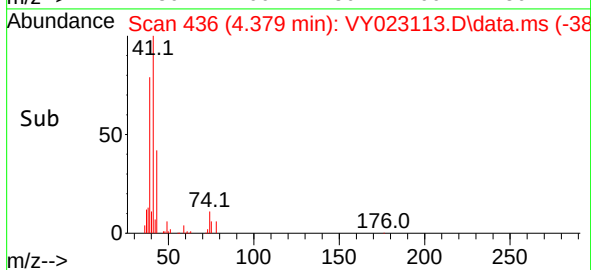
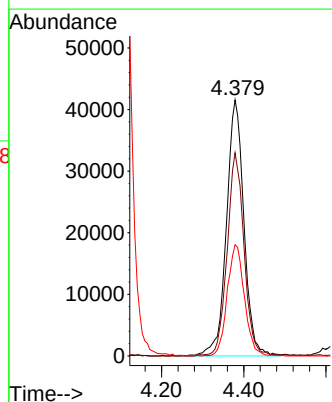
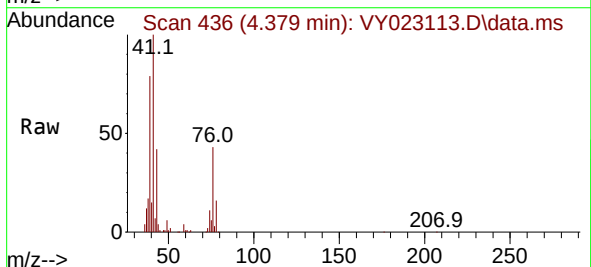
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

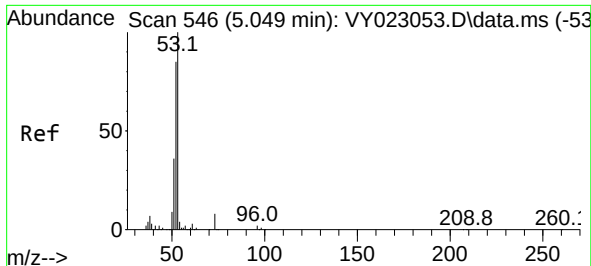
Tgt Ion: 56 Resp: 38871
Ion Ratio Lower Upper
56 100
55 69.2 55.2 82.8



#14
Allyl chloride
Concen: 19.175 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 41 Resp: 123002
Ion Ratio Lower Upper
41 100
39 76.3 59.8 89.6
76 42.7 33.7 50.5

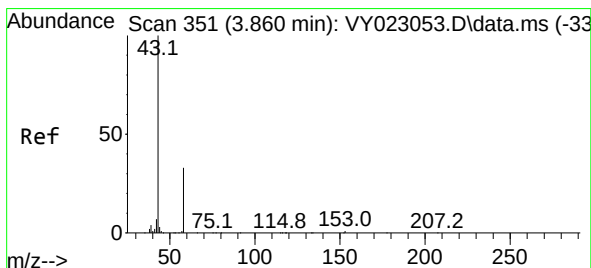
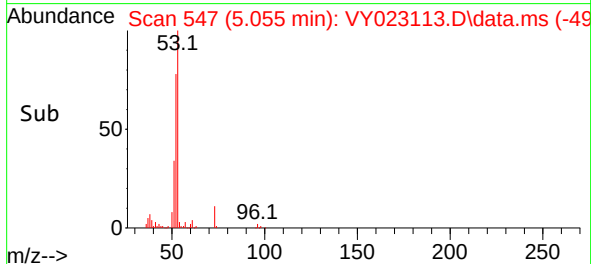
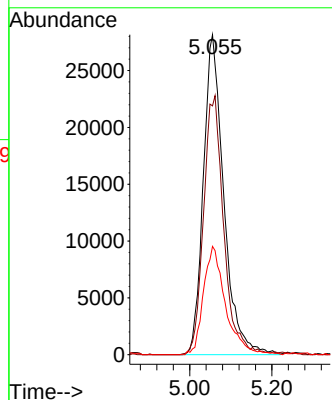
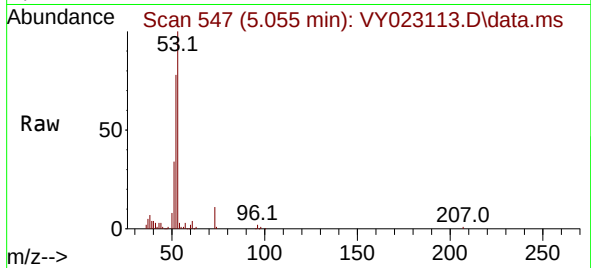




#15
Acrylonitrile
Concen: 100.413 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

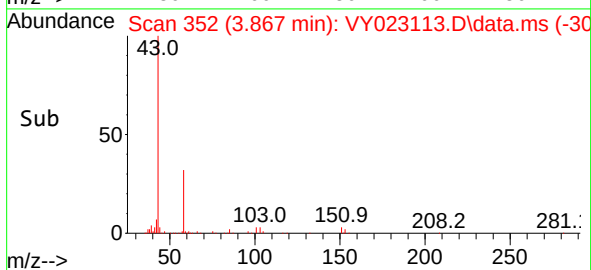
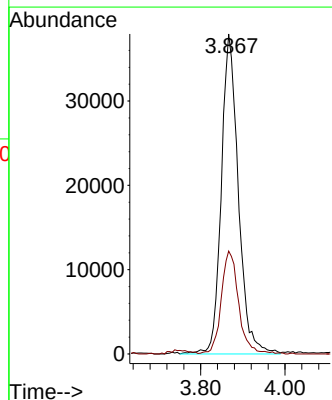
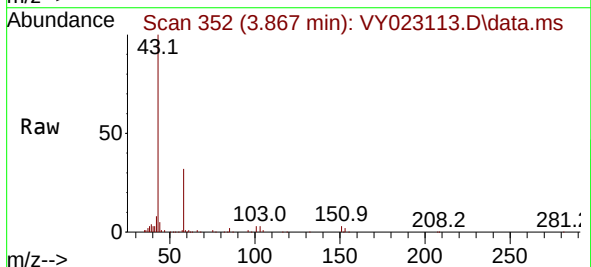
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

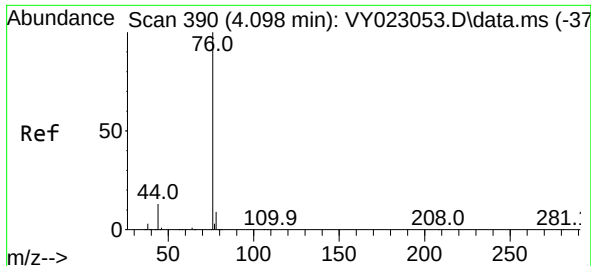
Tgt Ion: 53 Resp: 97096
Ion Ratio Lower Upper
53 100
52 79.8 65.3 97.9
51 36.7 29.5 44.3



#16
Acetone
Concen: 113.526 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 43 Resp: 106046
Ion Ratio Lower Upper
43 100
58 31.8 27.1 40.7

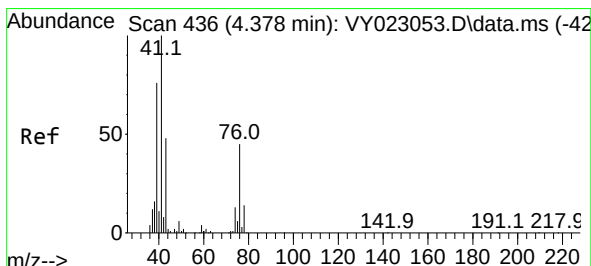
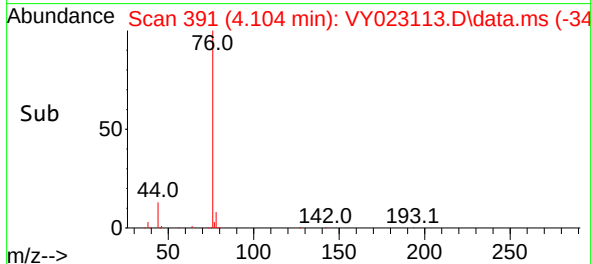
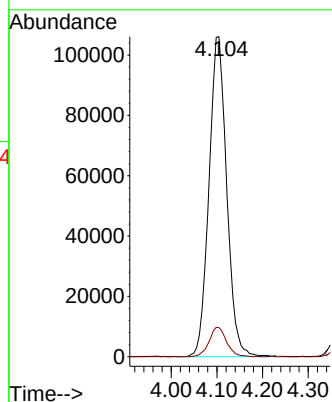
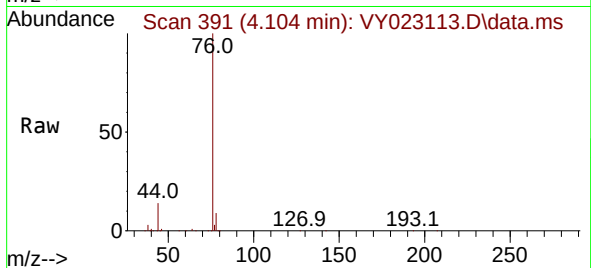




#17
Carbon Disulfide
Concen: 20.117 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

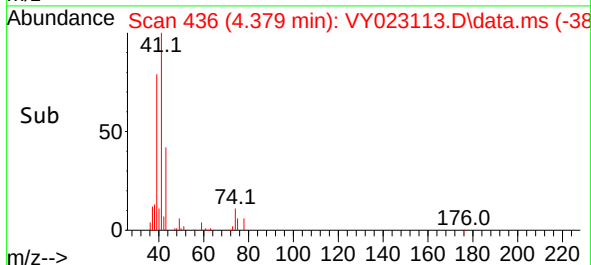
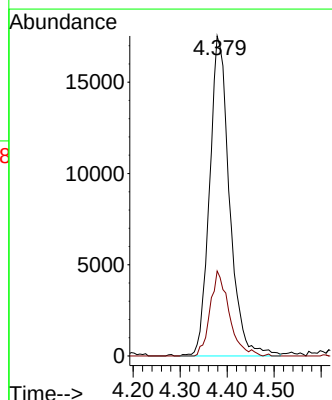
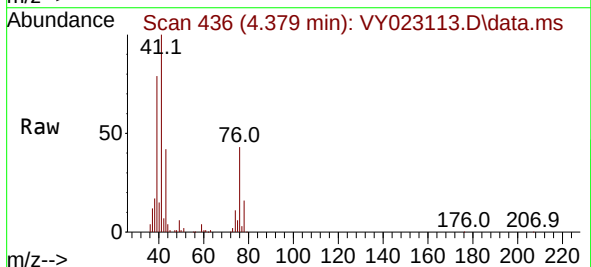
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

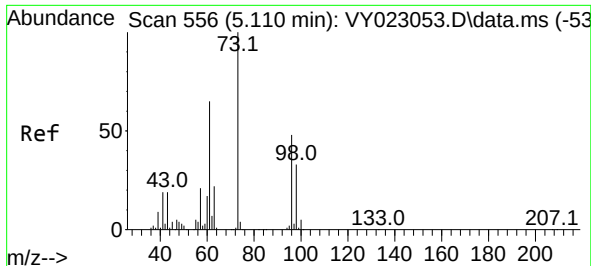
Tgt Ion: 76 Resp: 285962
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 18.549 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 43 Resp: 51562
Ion Ratio Lower Upper
43 100
74 25.4 21.2 31.8

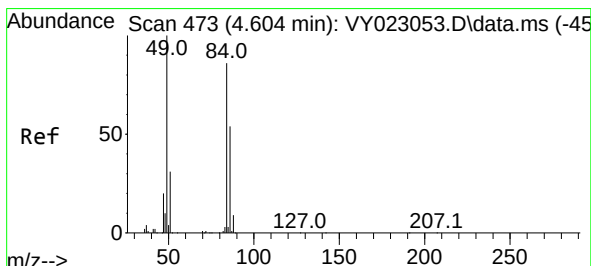
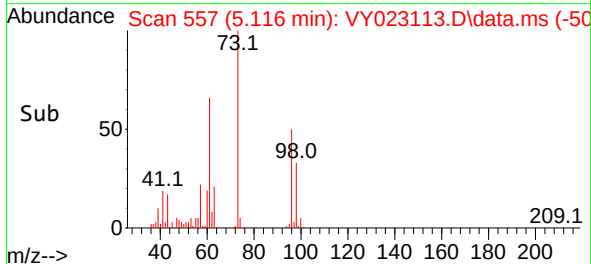
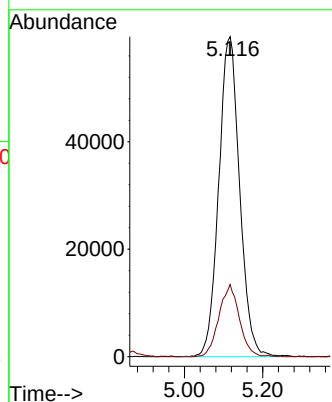
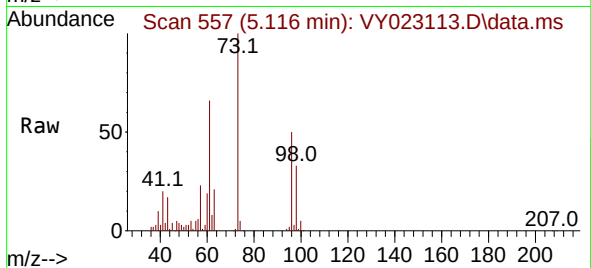




#19
Methyl tert-butyl Ether
Concen: 19.548 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

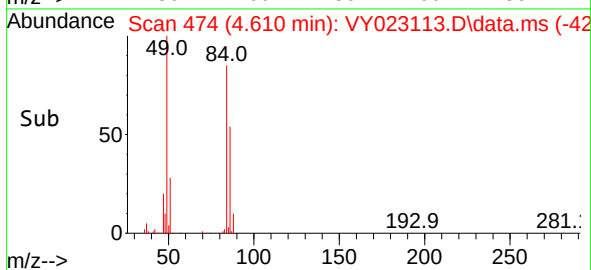
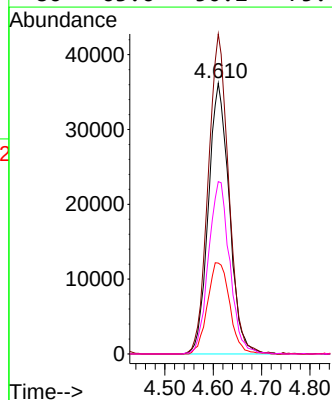
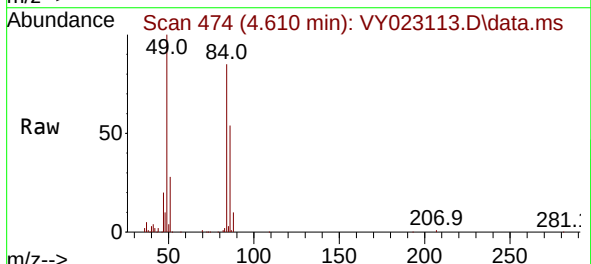
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

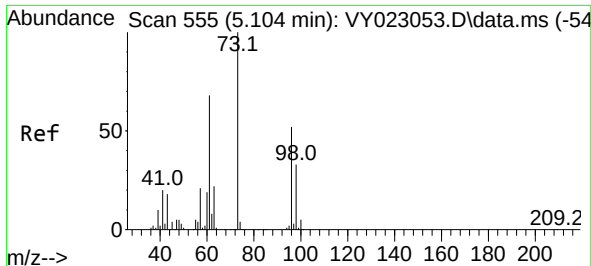
Tgt Ion: 73 Resp: 220832
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



#20
Methylene Chloride
Concen: 20.808 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 84 Resp: 108703
Ion Ratio Lower Upper
84 100
49 118.2 93.0 139.6
51 33.5 29.0 43.4
86 63.6 50.2 75.4

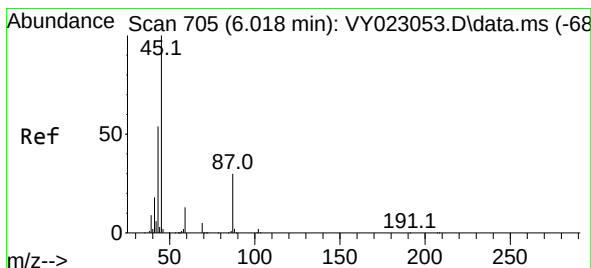
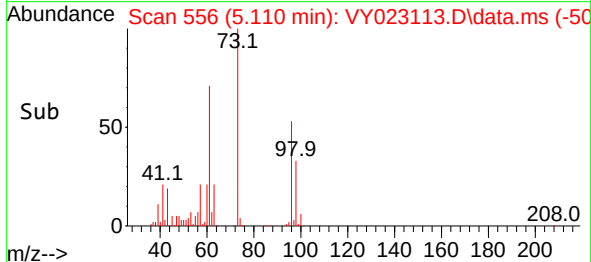
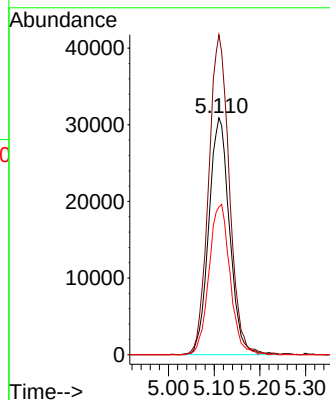
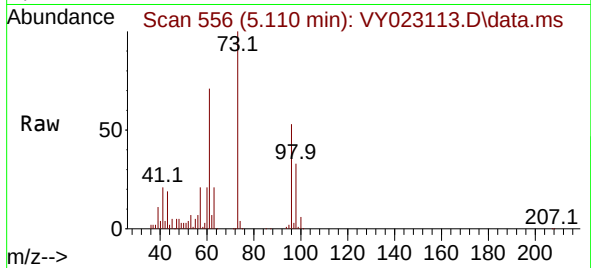




#21
trans-1,2-Dichloroethene
Concen: 19.907 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

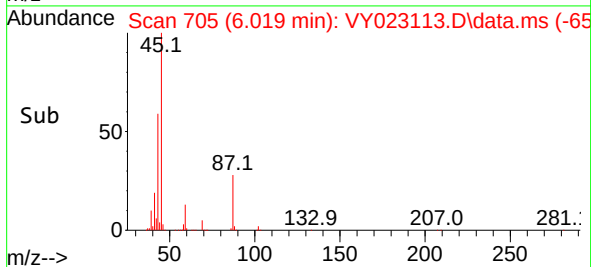
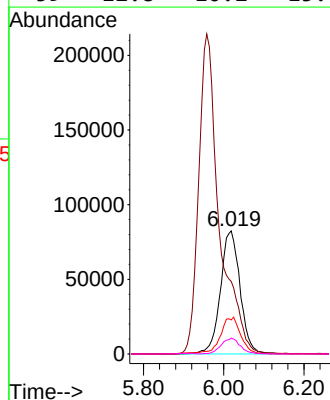
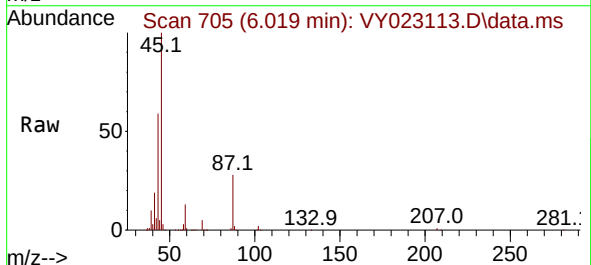
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

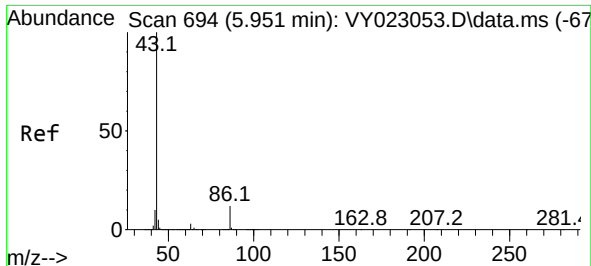
Tgt Ion: 96 Resp: 97531
Ion Ratio Lower Upper
96 100
61 135.1 104.8 157.2
98 62.3 50.1 75.1



#22
Diisopropyl ether
Concen: 20.129 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 45 Resp: 280592
Ion Ratio Lower Upper
45 100
43 58.6 43.4 65.0
87 27.7 24.4 36.6
59 12.8 10.2 15.4

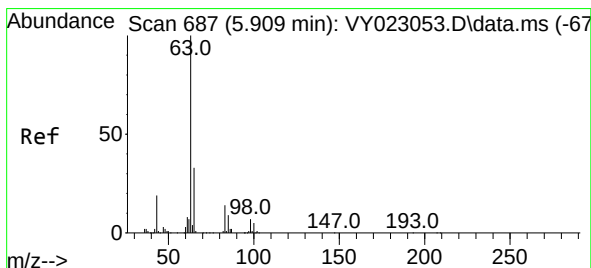
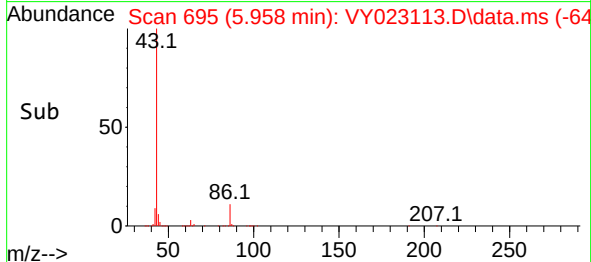
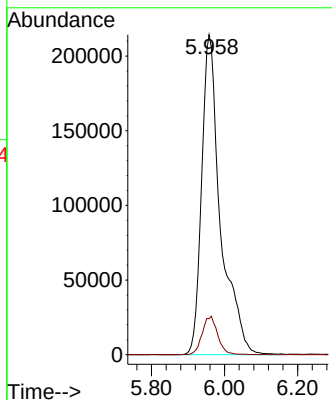
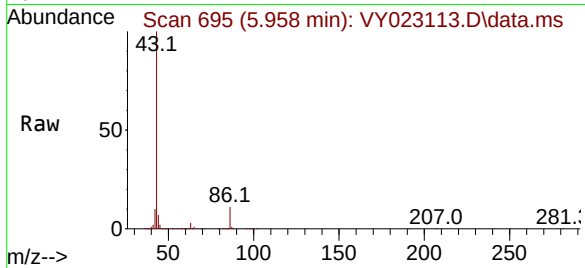




#23
Vinyl Acetate
Concen: 99.534 ug/l
RT: 5.958 min Scan# 694
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

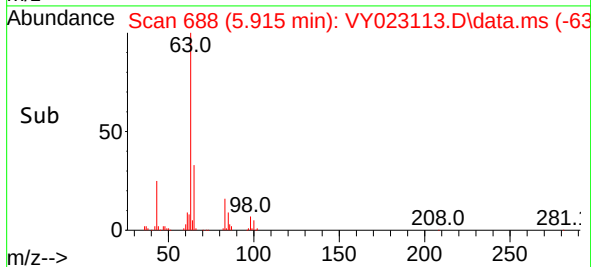
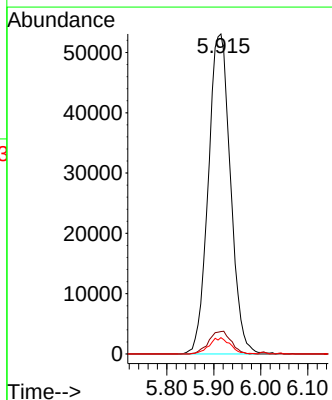
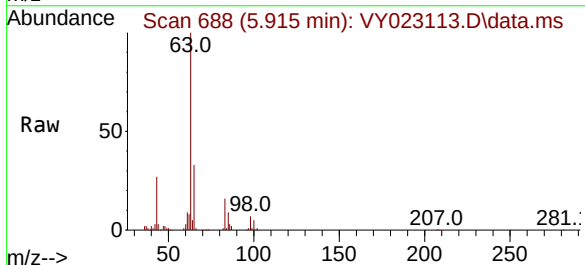
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

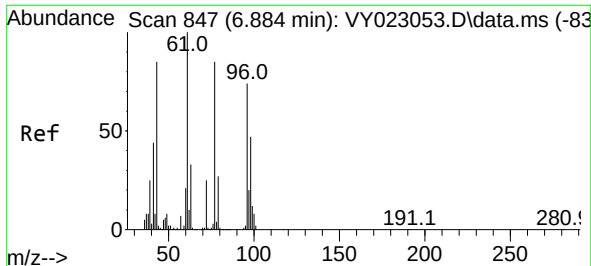
Tgt Ion: 43 Resp: 767186
Ion Ratio Lower Upper
43 100
86 11.2 9.6 14.4



#24
1,1-Dichloroethane
Concen: 20.377 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 63 Resp: 173658
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.6
100 5.1 2.4 7.1





#25

2-Butanone

Concen: 105.206 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

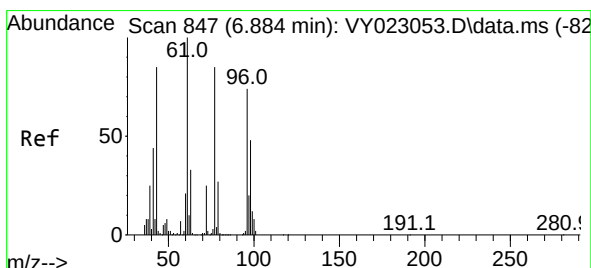
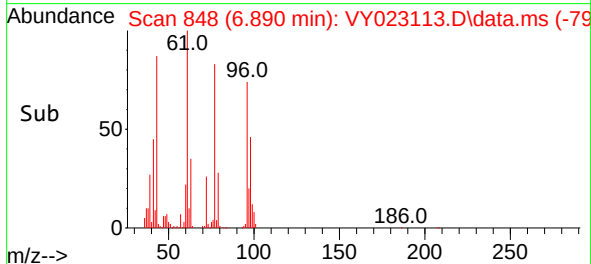
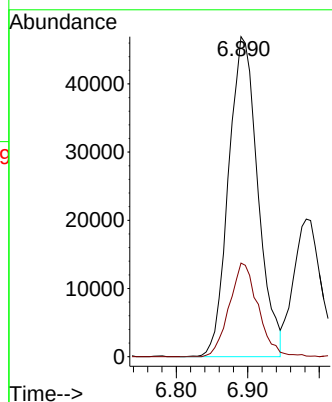
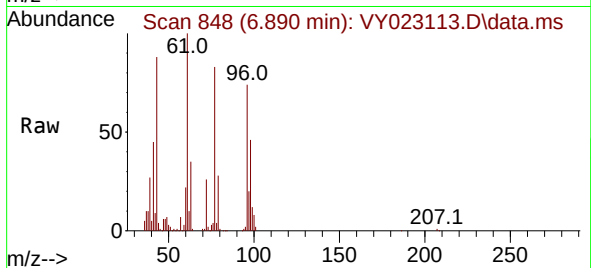
VY0815SBS01

Tgt Ion: 43 Resp: 133656

Ion Ratio Lower Upper

43 100

72 29.3 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.319 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023113.D

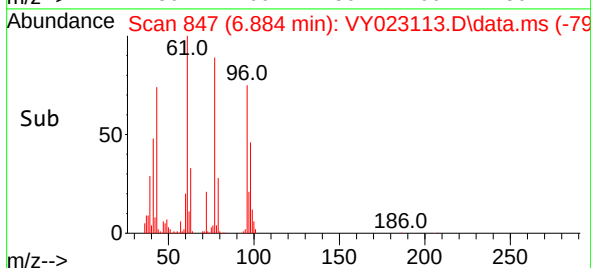
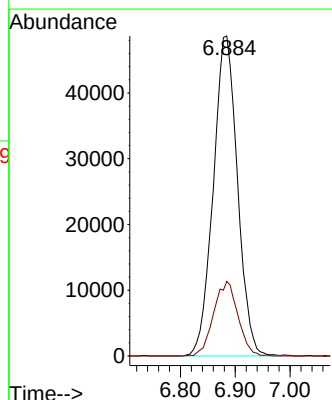
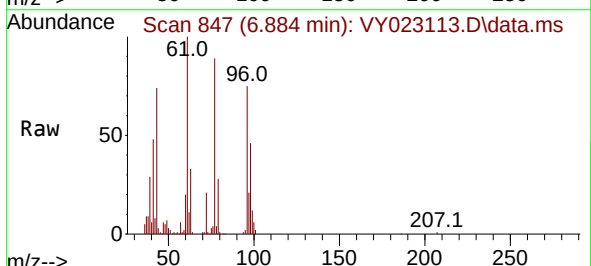
Acq: 15 Aug 2025 09:37

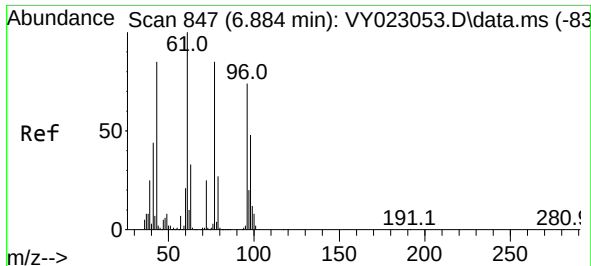
Tgt Ion: 77 Resp: 149423

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.058 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

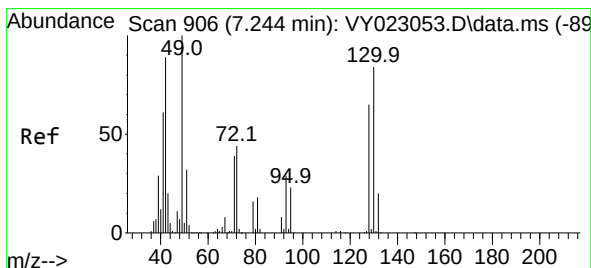
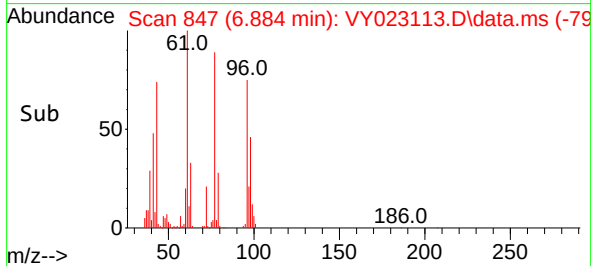
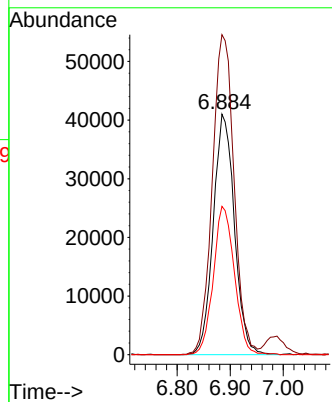
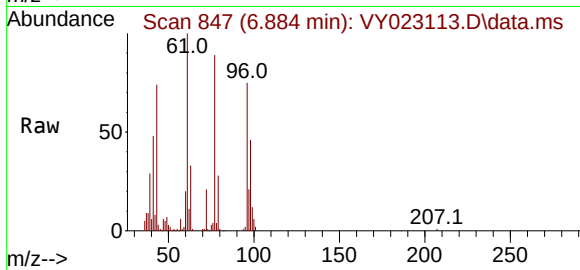
Tgt Ion: 96 Resp: 113605

Ion Ratio Lower Upper

96 100

61 136.9 0.0 278.6

98 61.6 0.0 130.4



#28

Bromochloromethane

Concen: 21.919 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

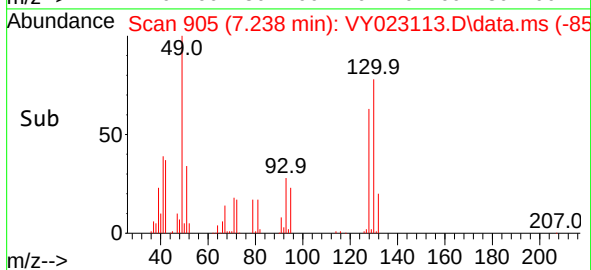
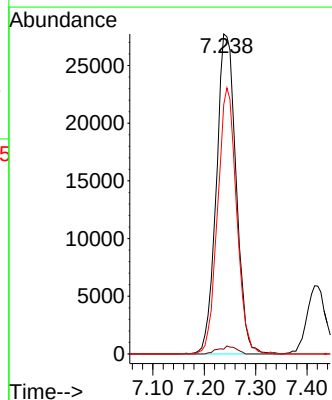
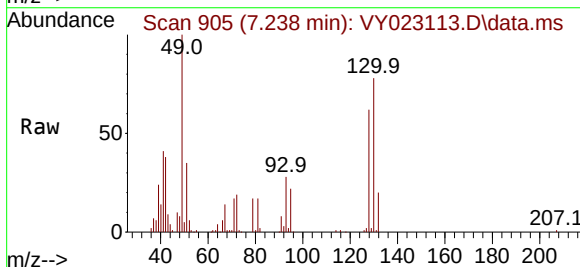
Tgt Ion: 49 Resp: 74111

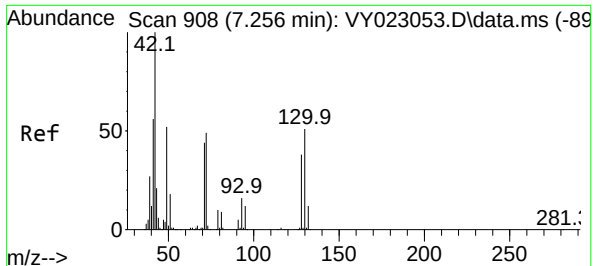
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 79.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 97.884 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

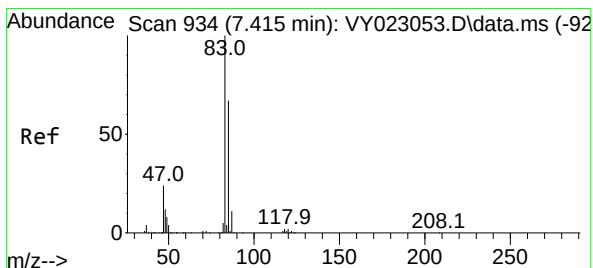
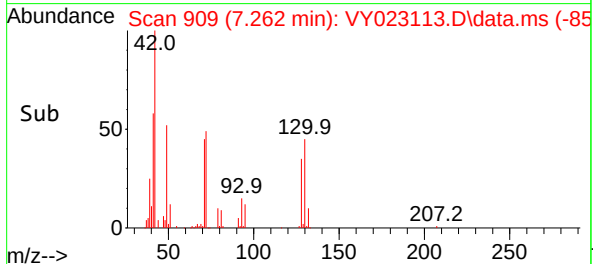
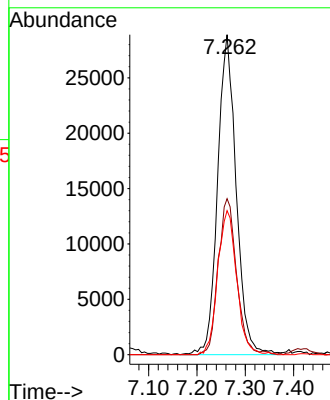
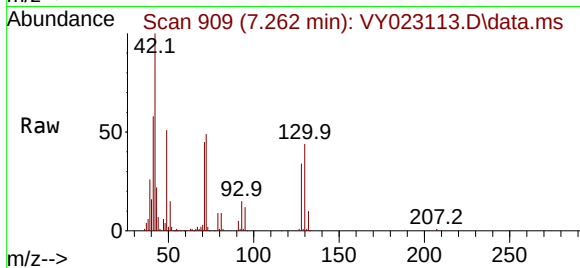
Tgt Ion: 42 Resp: 77082

Ion Ratio Lower Upper

42 100

72 48.1 39.4 59.2

71 45.7 36.5 54.7



#30

Chloroform

Concen: 20.909 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY023113.D

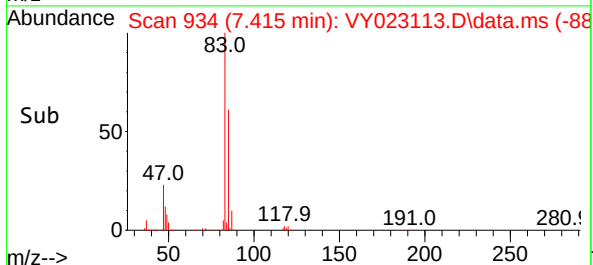
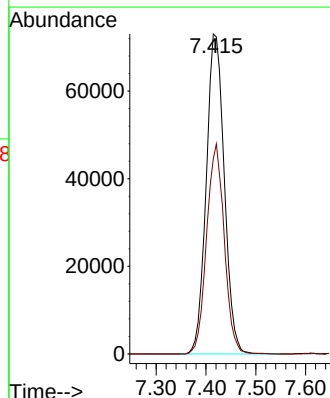
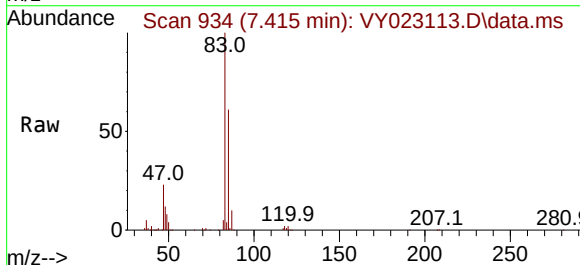
Acq: 15 Aug 2025 09:37

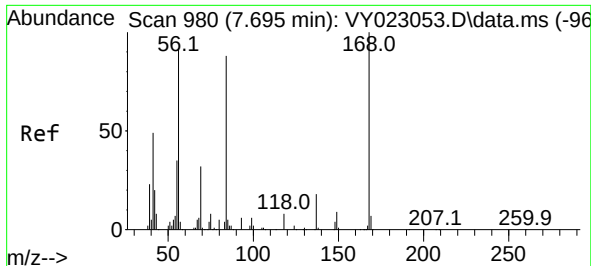
Tgt Ion: 83 Resp: 183779

Ion Ratio Lower Upper

83 100

85 61.1 53.8 80.8

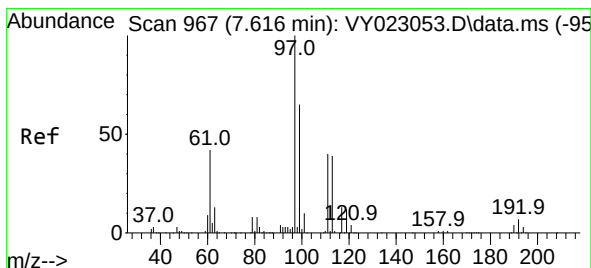
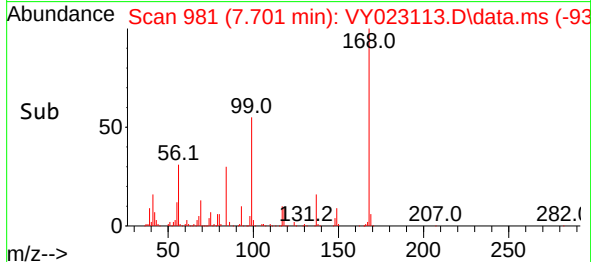
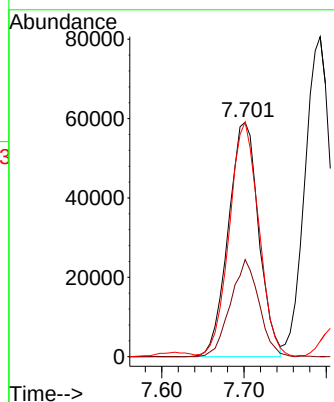
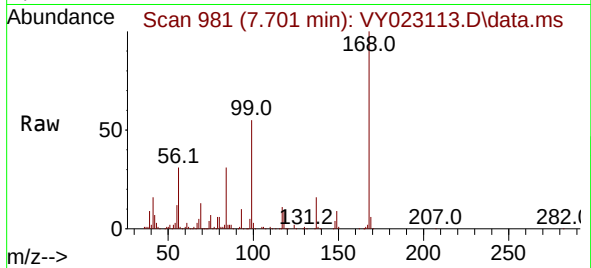




#31
Cyclohexane
Concen: 18.902 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

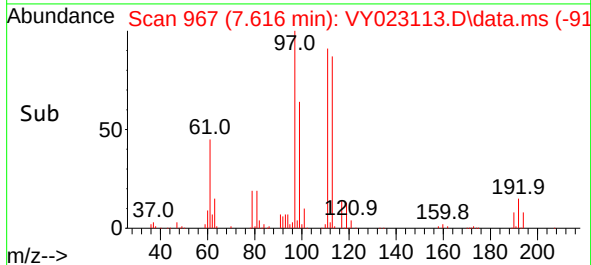
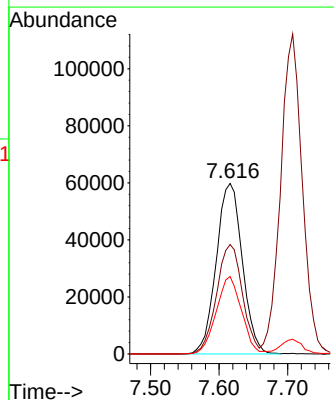
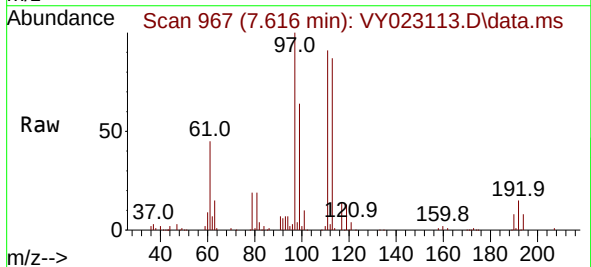
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

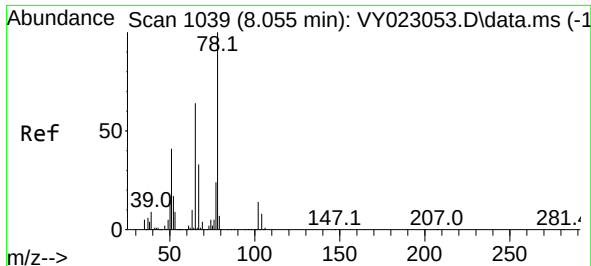
Tgt Ion: 56 Resp: 151804
Ion Ratio Lower Upper
56 100
69 41.4 28.2 42.2
84 98.5 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.254 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 97 Resp: 157956
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 43.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.692 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

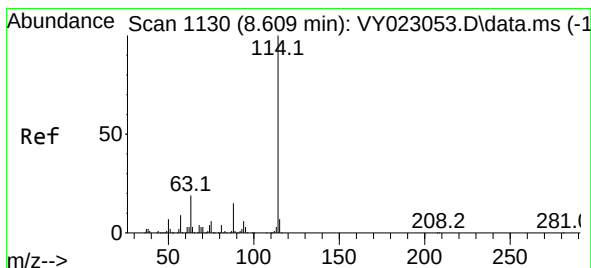
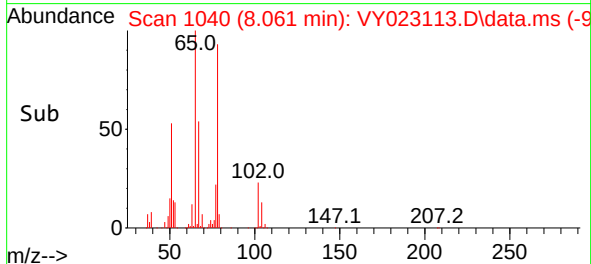
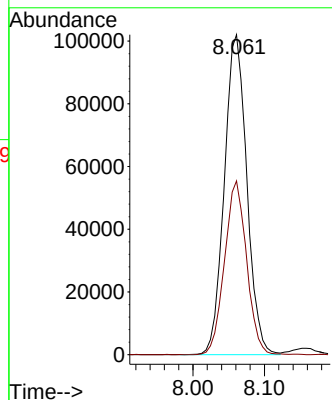
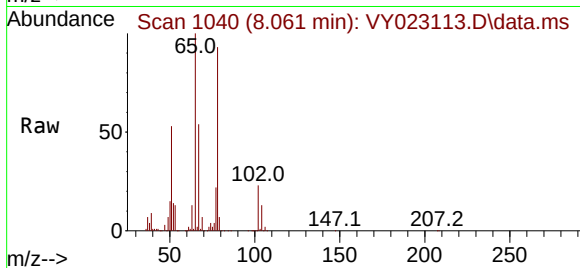
VY0815SBS01

Tgt Ion: 65 Resp: 222883

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

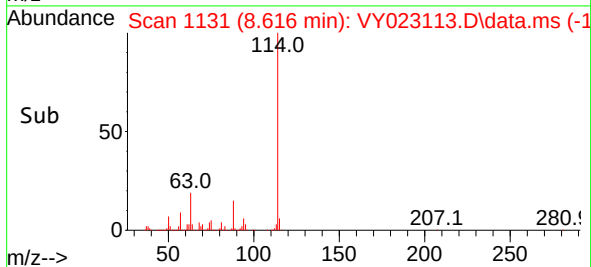
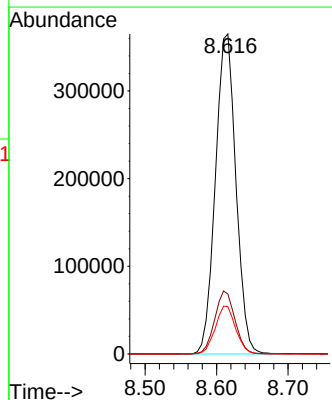
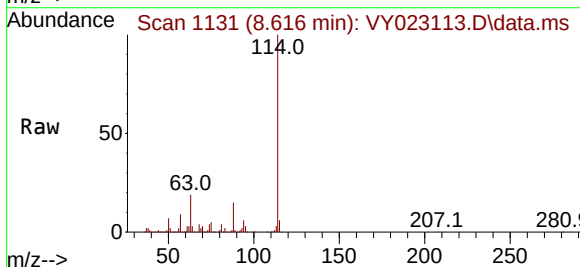
Tgt Ion: 114 Resp: 727202

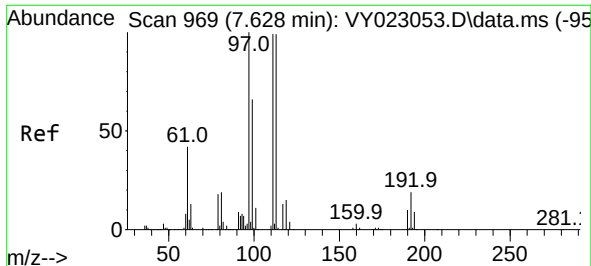
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 14.8 0.0 30.0

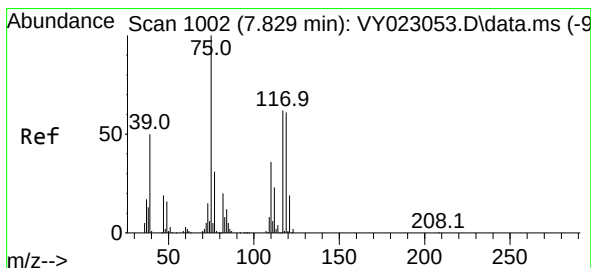
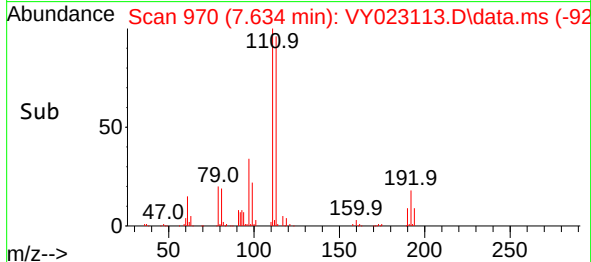
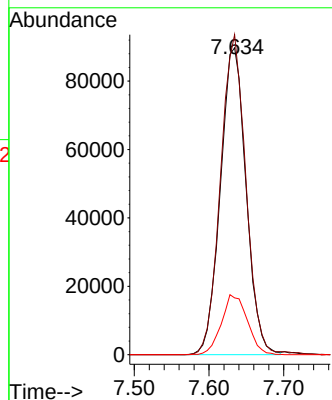
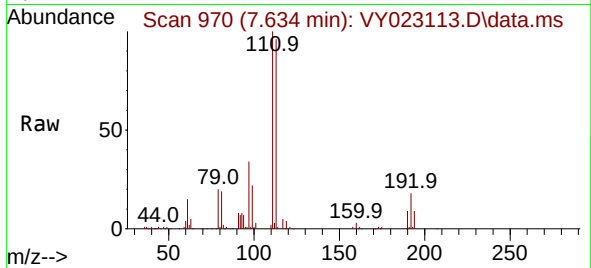




#35
Dibromofluoromethane
Concen: 49.314 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

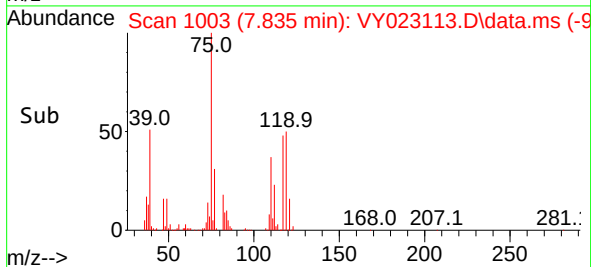
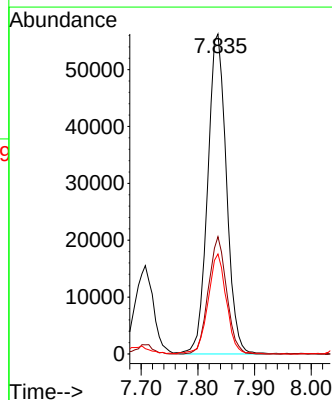
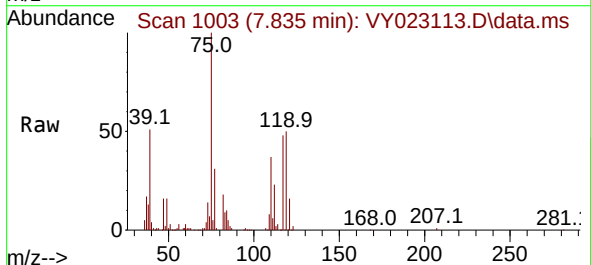
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

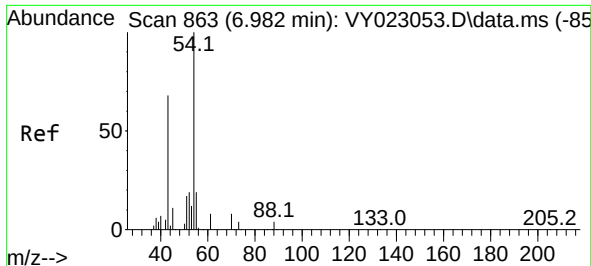
Tgt Ion:113 Resp: 214583
Ion Ratio Lower Upper
113 100
111 103.1 81.1 121.7
192 19.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.008 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 75 Resp: 129384
Ion Ratio Lower Upper
75 100
110 35.6 18.1 54.4
77 30.5 24.6 37.0

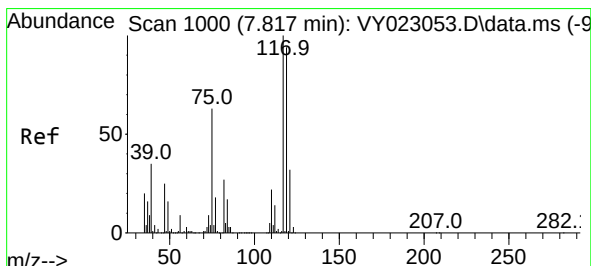
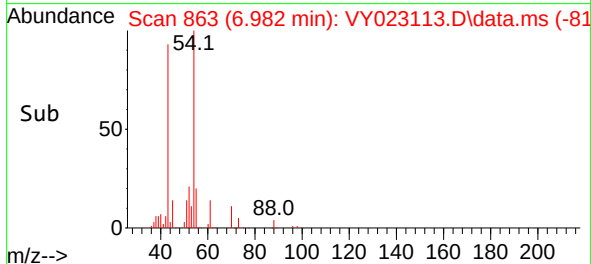
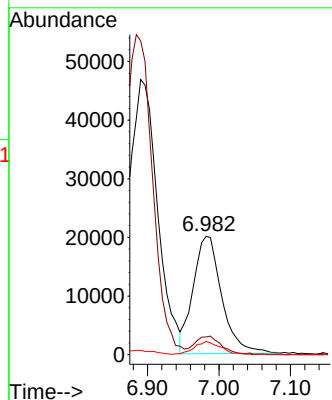
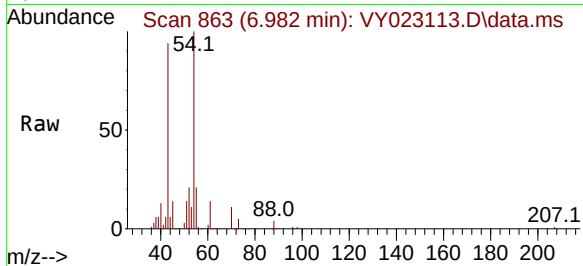




#37
Ethyl Acetate
Concen: 20.428 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

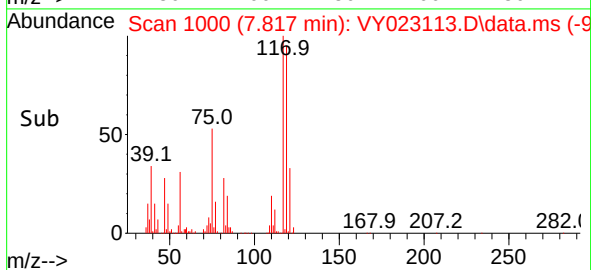
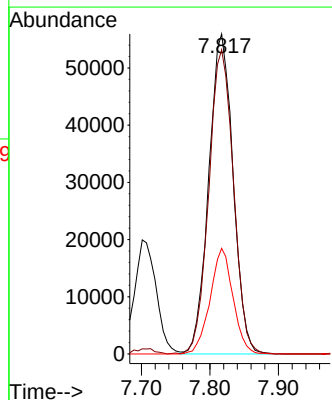
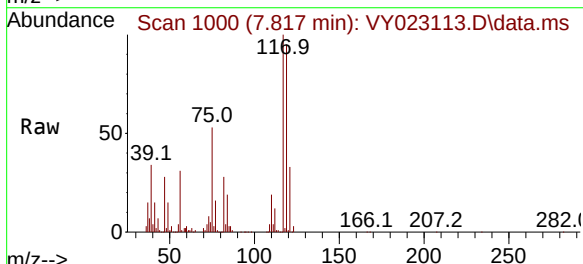
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

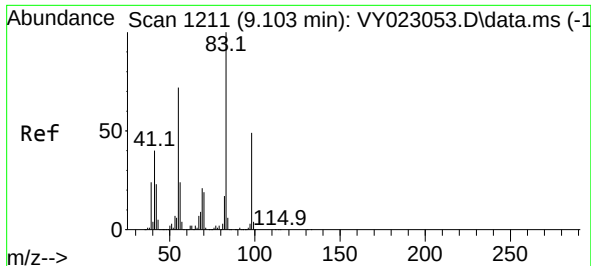
Tgt Ion: 43 Resp: 55493
Ion Ratio Lower Upper
43 100
61 13.6 11.9 17.9
70 10.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.630 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 117 Resp: 137873
Ion Ratio Lower Upper
117 100
119 94.9 75.6 113.4
121 33.0 25.8 38.8





#39

Methylcyclohexane

Concen: 18.705 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

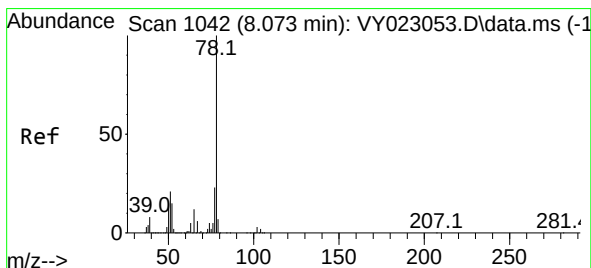
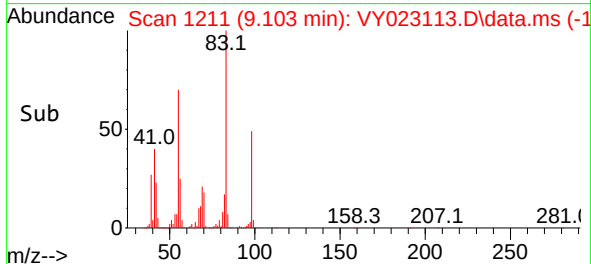
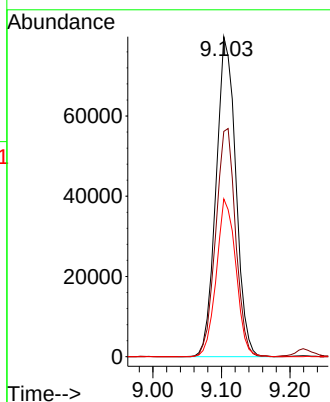
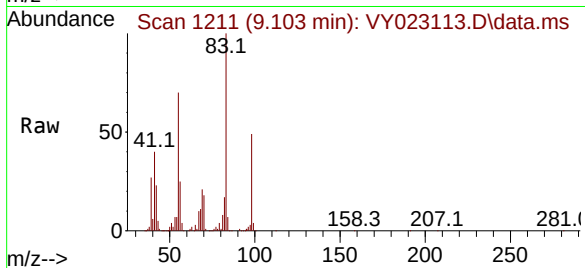
Tgt Ion: 83 Resp: 159285

Ion Ratio Lower Upper

83 100

55 70.4 57.6 86.4

98 49.3 39.2 58.8



#40

Benzene

Concen: 20.350 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023113.D

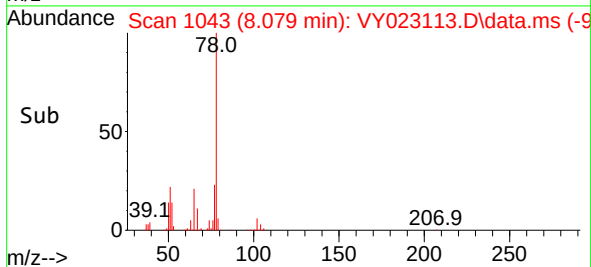
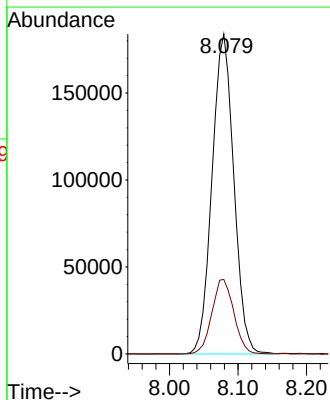
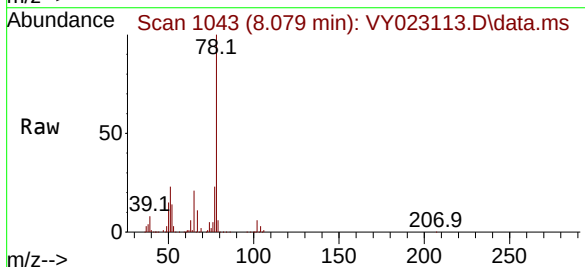
Acq: 15 Aug 2025 09:37

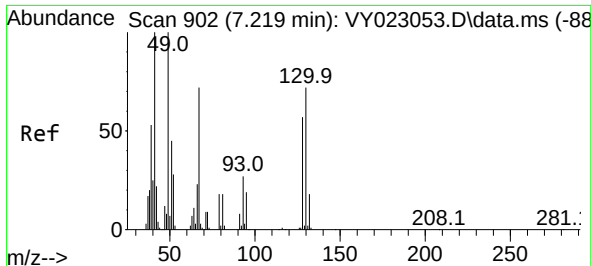
Tgt Ion: 78 Resp: 405603

Ion Ratio Lower Upper

78 100

77 23.3 18.6 28.0

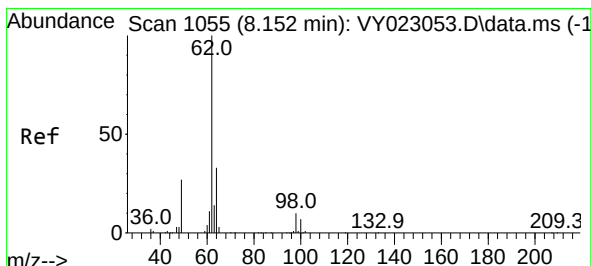
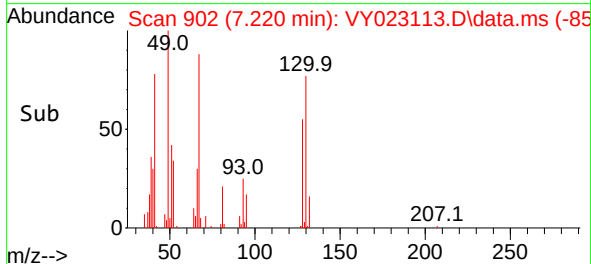
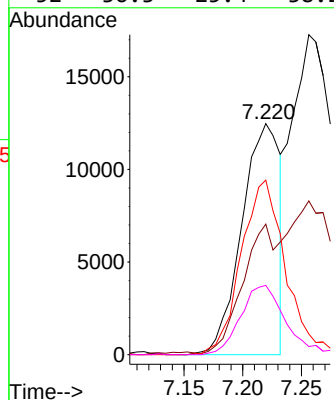
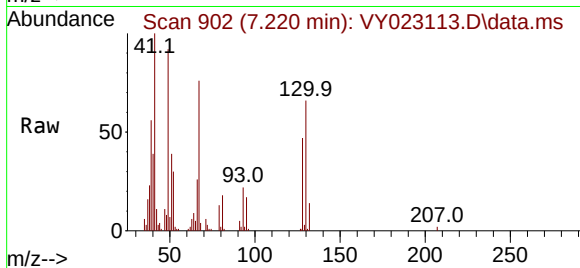




#41
Methacrylonitrile
Concen: 17.956 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

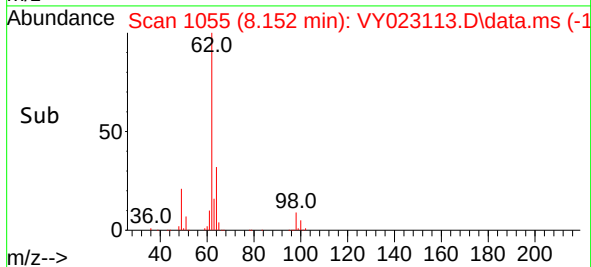
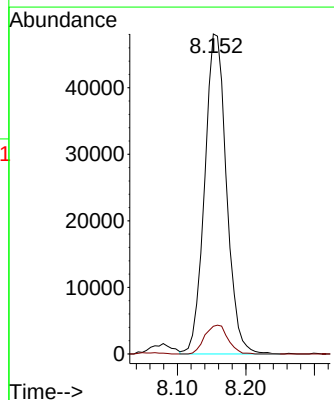
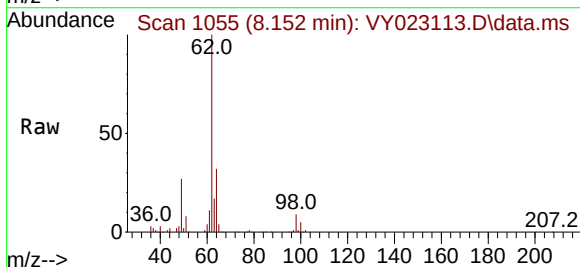
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

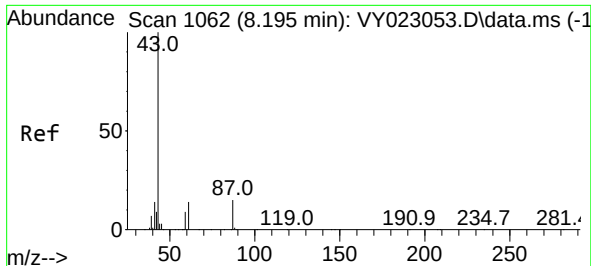
Tgt Ion:	41	Resp:	28150
Ion	Ratio	Lower	Upper
41	100		
39	45.4	43.4	65.2
67	87.7	63.6	95.4
52	36.3	25.4	38.2



#42
1,2-Dichloroethane
Concen: 20.575 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion:	62	Resp:	106658
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.551 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

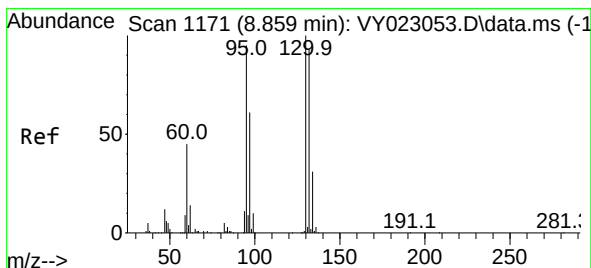
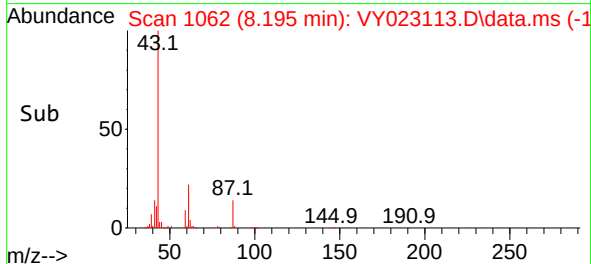
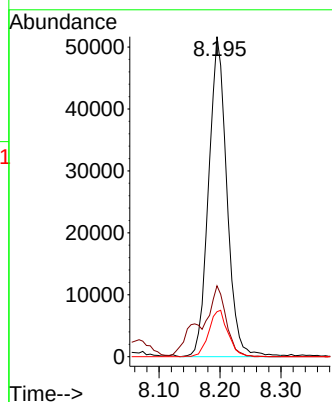
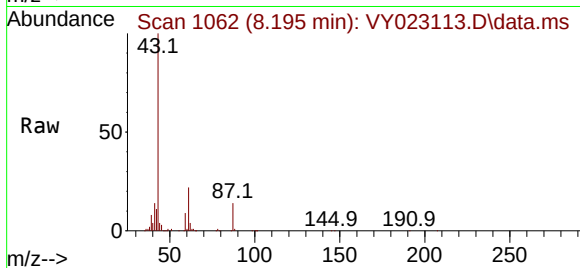
Tgt Ion: 43 Resp: 107344

Ion Ratio Lower Upper

43 100

61 20.7 16.4 24.6

87 15.2 11.8 17.6



#44

Trichloroethene

Concen: 20.459 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VY023113.D

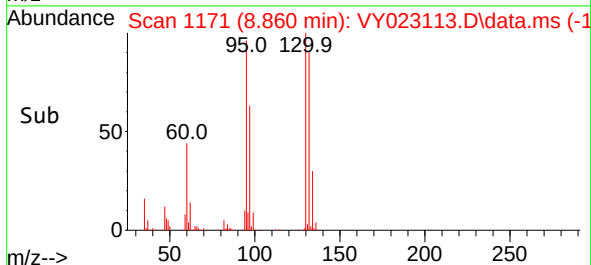
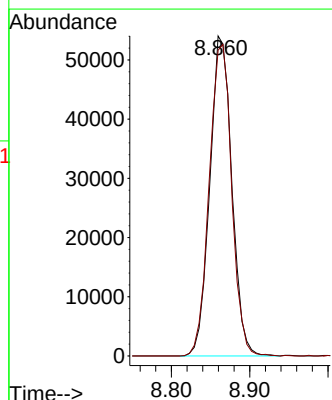
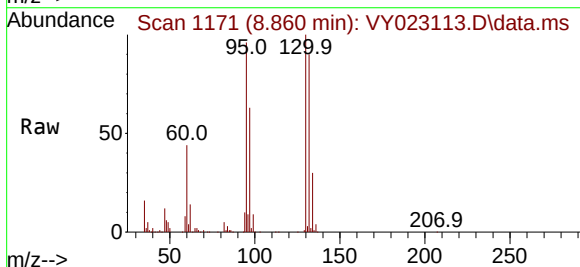
Acq: 15 Aug 2025 09:37

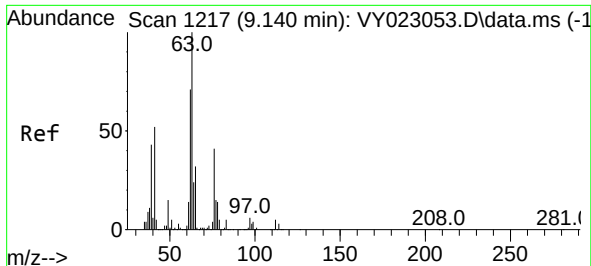
Tgt Ion:130 Resp: 105377

Ion Ratio Lower Upper

130 100

95 95.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.451 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

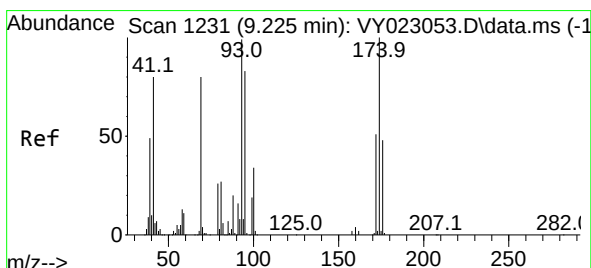
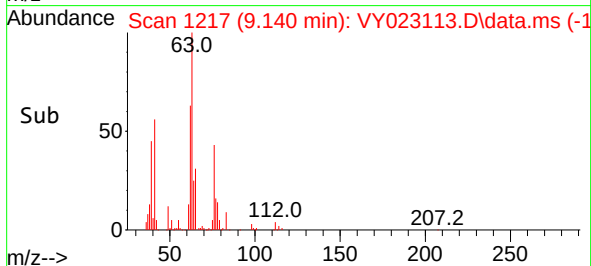
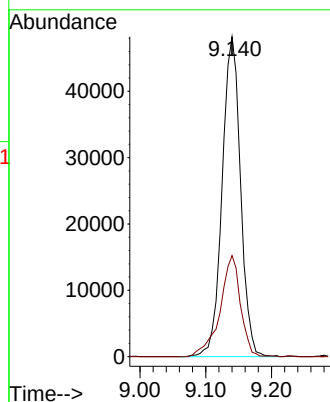
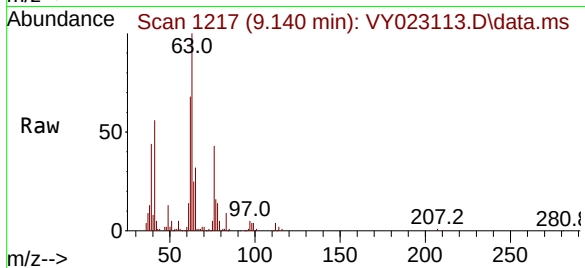
VY0815SBS01

Tgt Ion: 63 Resp: 93789

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 20.819 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

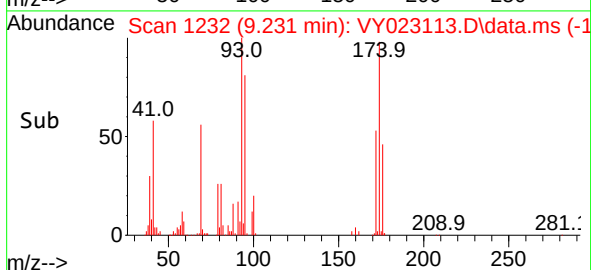
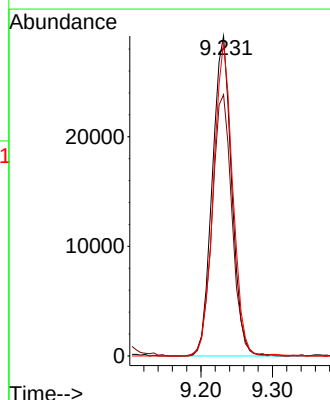
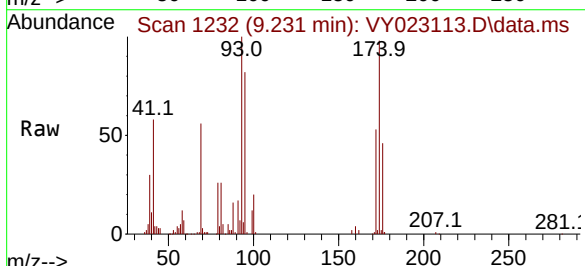
Tgt Ion: 93 Resp: 54800

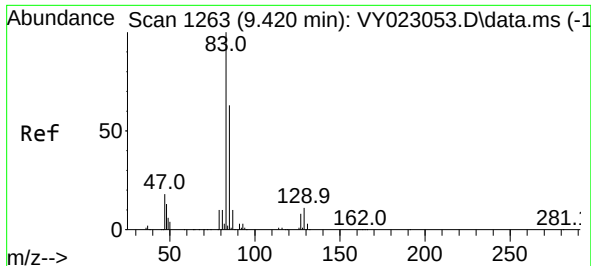
Ion Ratio Lower Upper

93 100

95 83.6 66.5 99.7

174 97.3 81.8 122.8

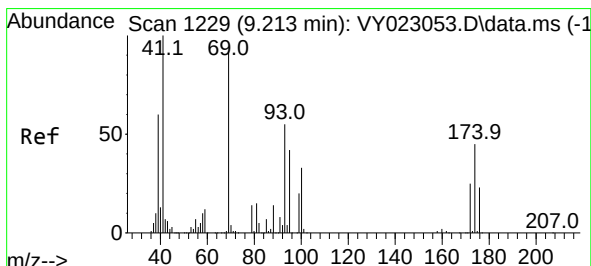
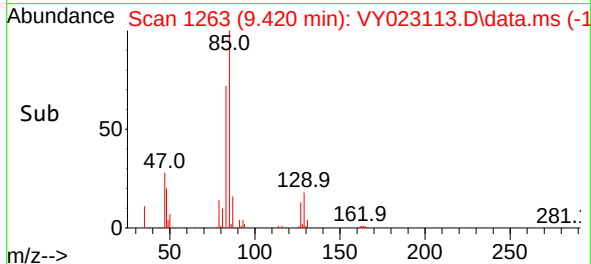
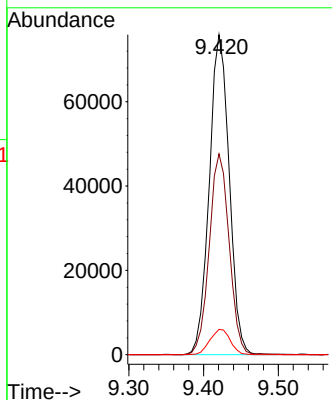
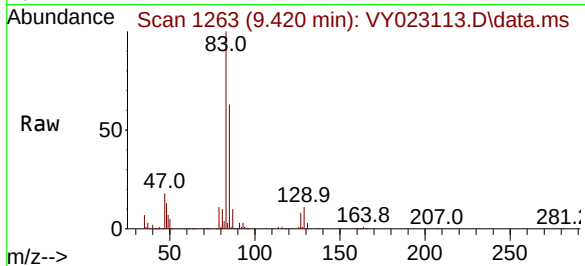




#47
Bromodichloromethane
Concen: 20.819 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

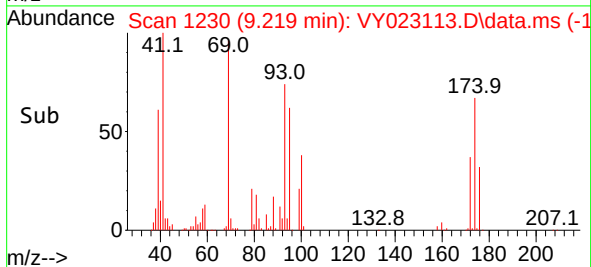
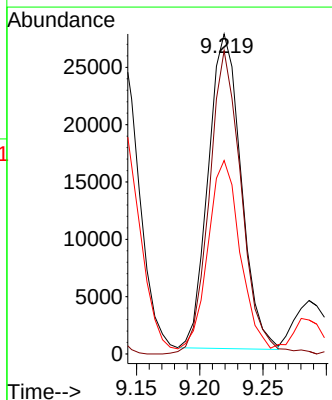
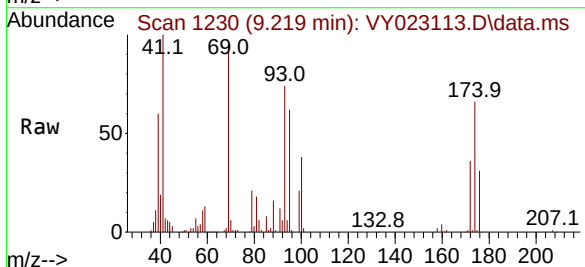
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

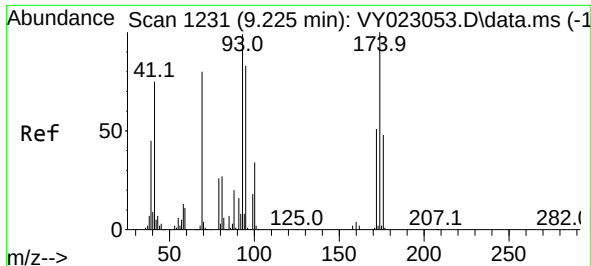
Tgt Ion: 83 Resp: 141008
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 7.9 6.6 10.0



#48
Methyl methacrylate
Concen: 18.864 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 41 Resp: 49562
Ion Ratio Lower Upper
41 100
69 94.5 73.2 109.8
39 58.3 47.0 70.4





#49

1,4-Dioxane

Concen: 400.796 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

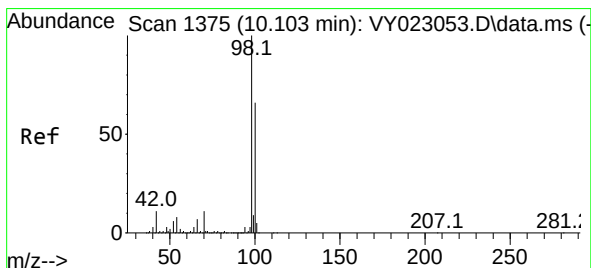
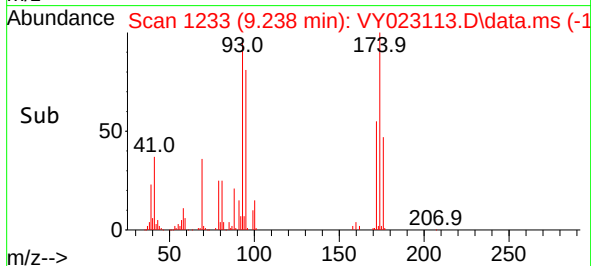
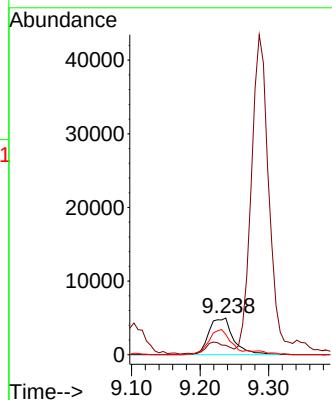
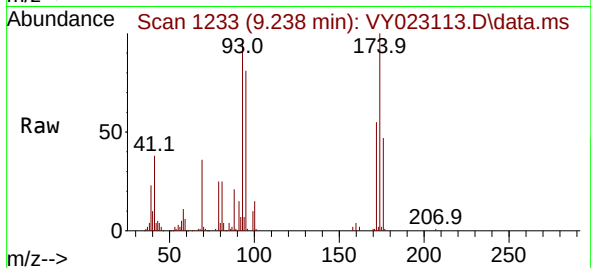
Tgt Ion: 88 Resp: 12370

Ion Ratio Lower Upper

88 100

43 26.8 24.3 36.5

58 70.5 55.4 83.0



#50

Toluene-d8

Concen: 50.165 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023113.D

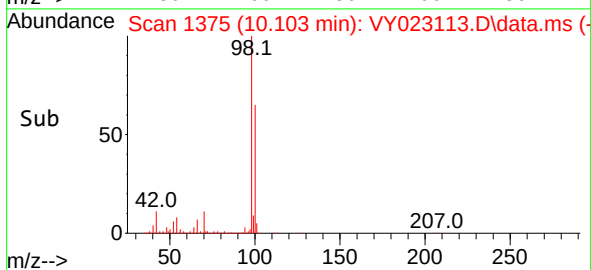
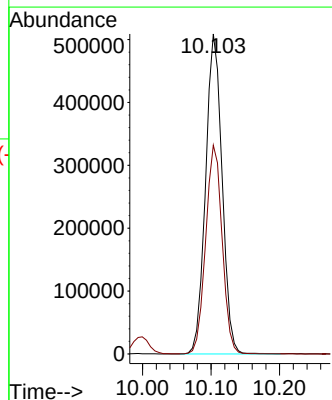
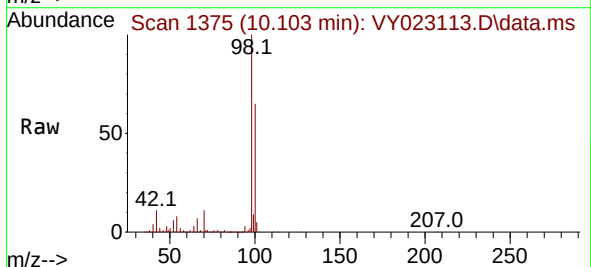
Acq: 15 Aug 2025 09:37

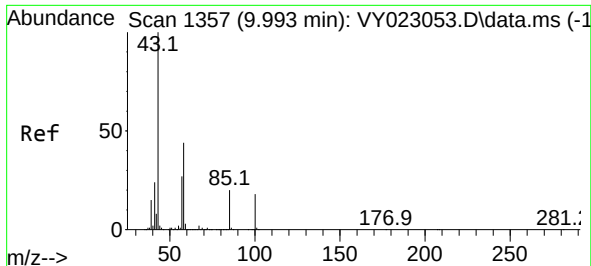
Tgt Ion: 98 Resp: 852746

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 97.864 ug/l

RT: 9.994 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

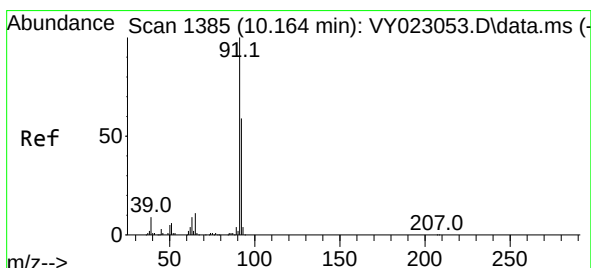
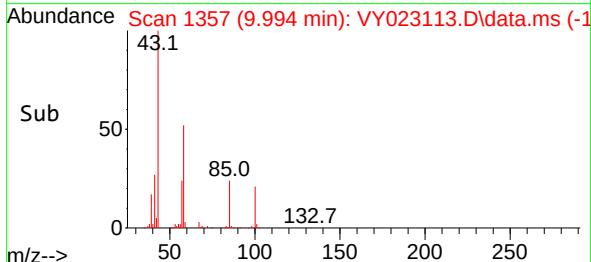
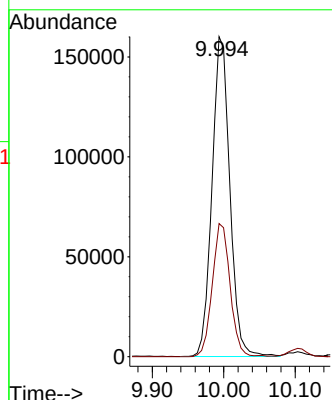
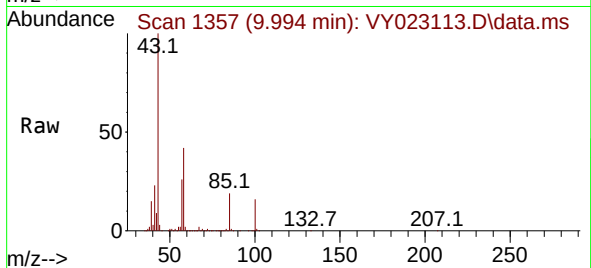
VY0815SBS01

Tgt Ion: 43 Resp: 277163

Ion Ratio Lower Upper

43 100

58 41.6 33.5 50.3



#52

Toluene

Concen: 20.201 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023113.D

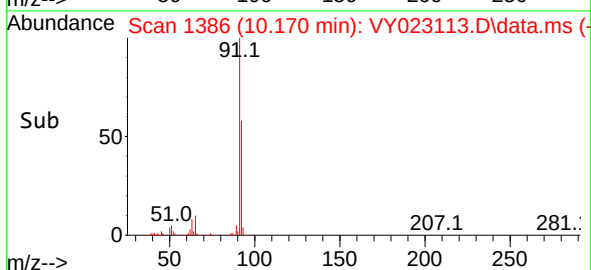
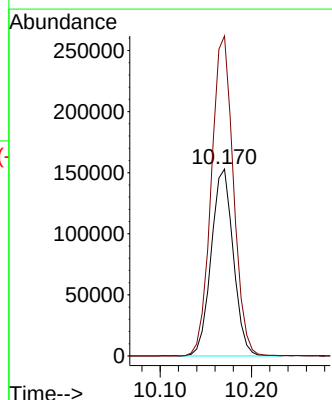
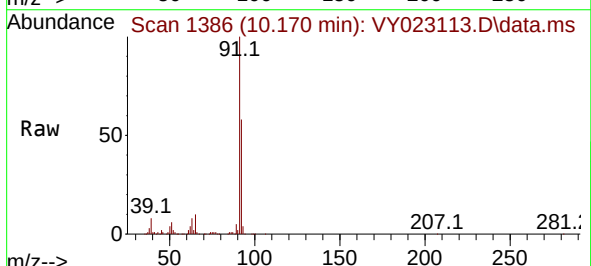
Acq: 15 Aug 2025 09:37

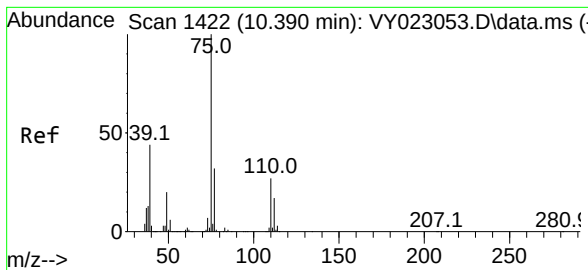
Tgt Ion: 92 Resp: 255717

Ion Ratio Lower Upper

92 100

91 172.1 136.4 204.6

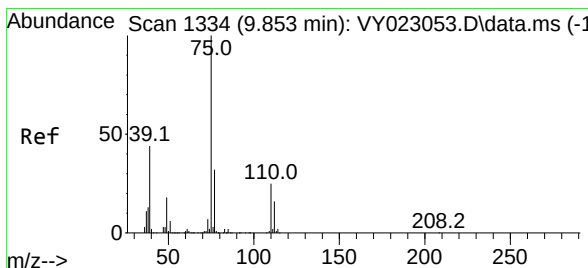
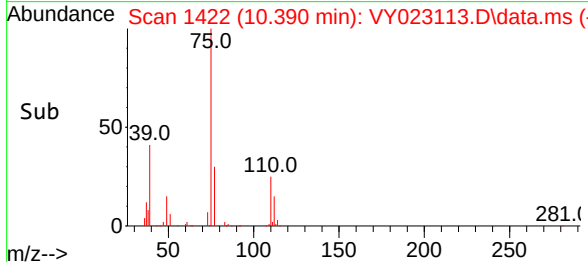
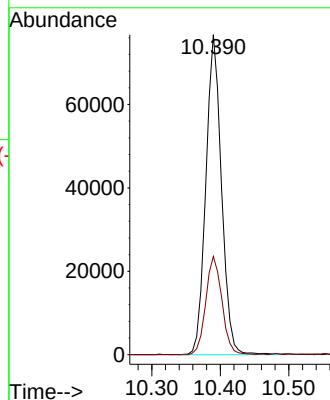
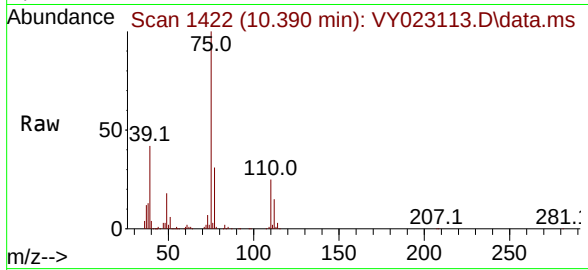




#53
 t-1,3-Dichloropropene
 Concen: 19.890 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY023113.D
 Acq: 15 Aug 2025 09:37

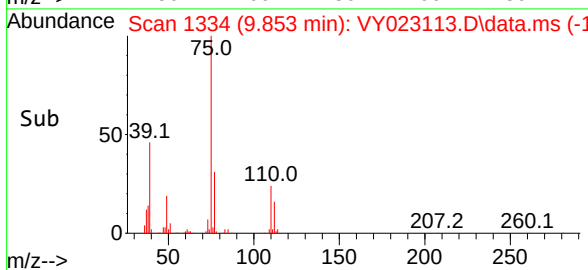
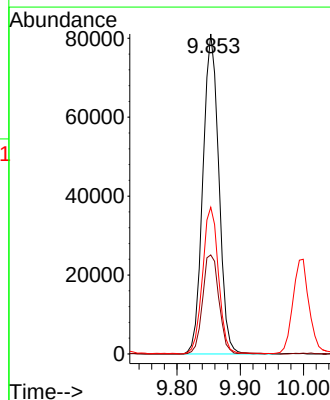
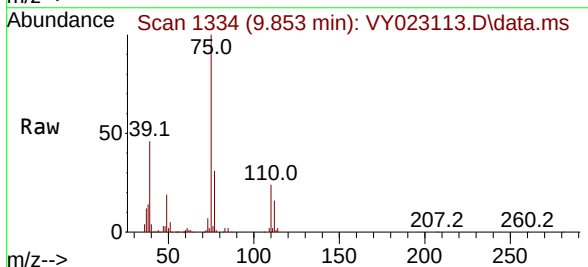
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

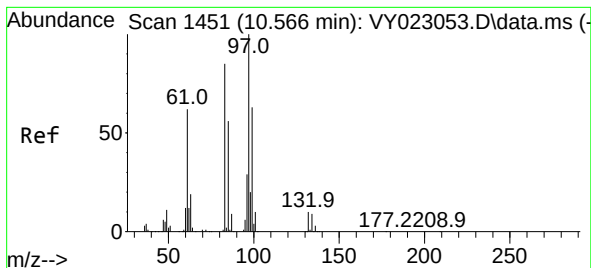
Tgt Ion: 75 Resp: 121993
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.623 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023113.D
 Acq: 15 Aug 2025 09:37

Tgt Ion: 75 Resp: 142316
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 45.9 35.6 53.4

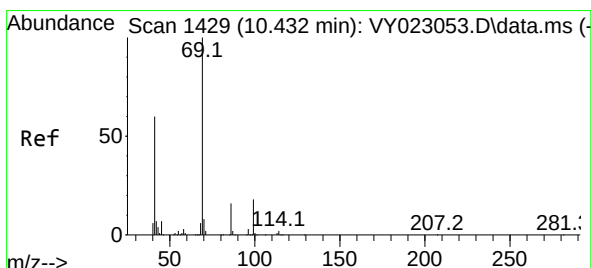
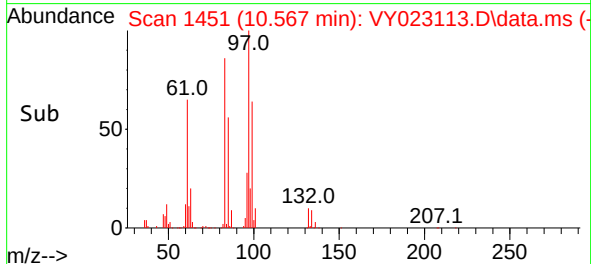
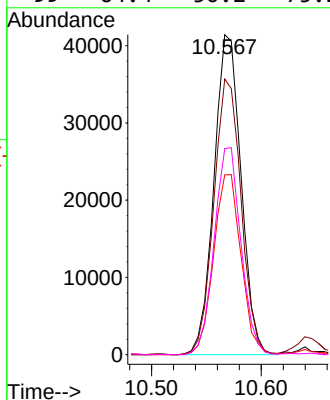
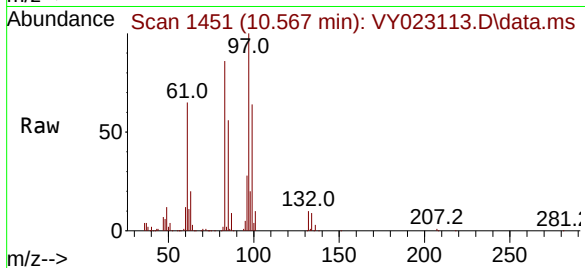




#55
1,1,2-Trichloroethane
Concen: 20.174 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

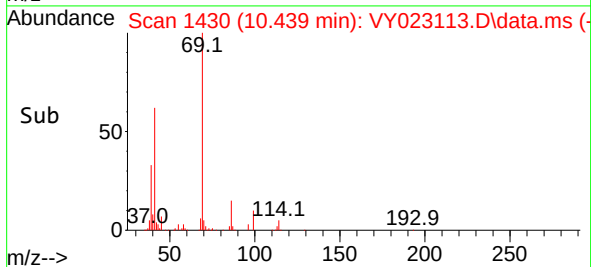
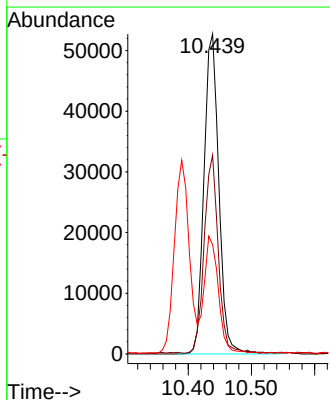
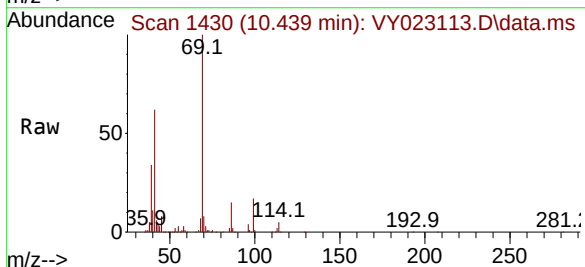
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

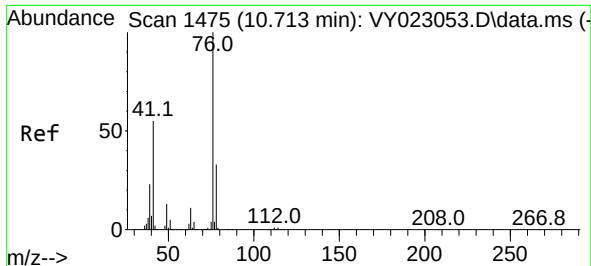
Tgt Ion: 97	Resp: 71057
Ion Ratio	Lower Upper
97 100	
83 86.2	67.7 101.5
85 56.2	44.5 66.7
99 64.4	50.2 75.2



#56
Ethyl methacrylate
Concen: 19.173 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 69	Resp: 86412
Ion Ratio	Lower Upper
69 100	
41 59.0	48.6 72.8
39 34.9	27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.846 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

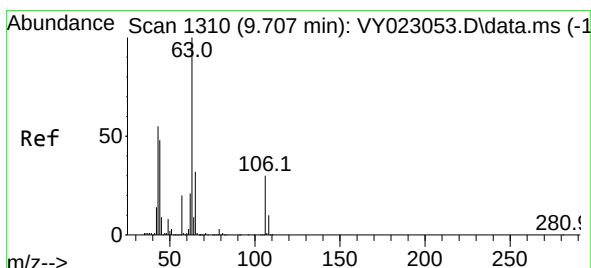
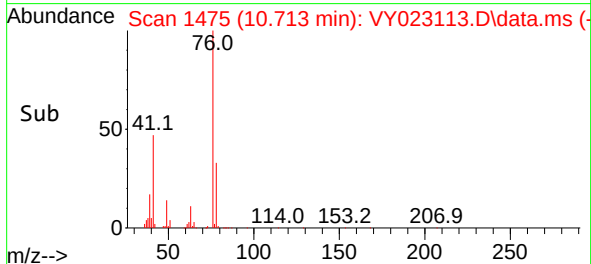
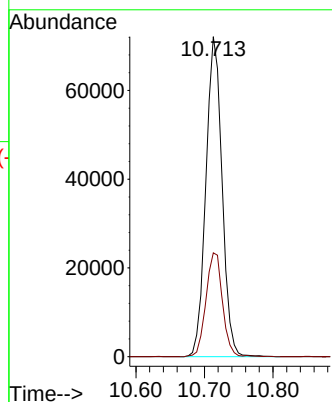
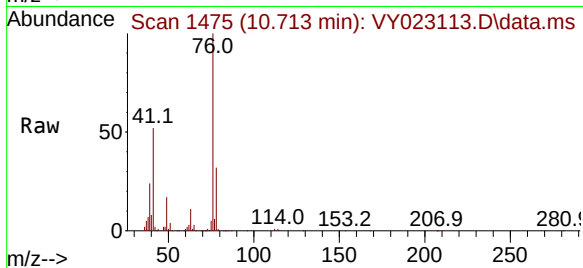
VY0815SBS01

Tgt Ion: 76 Resp: 118549

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.106 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023113.D

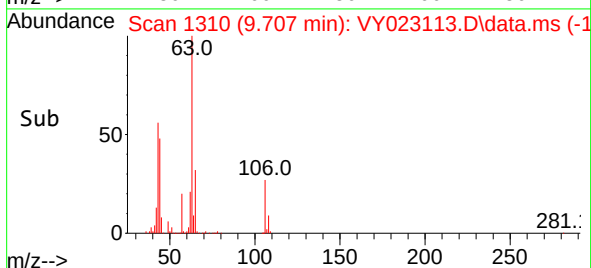
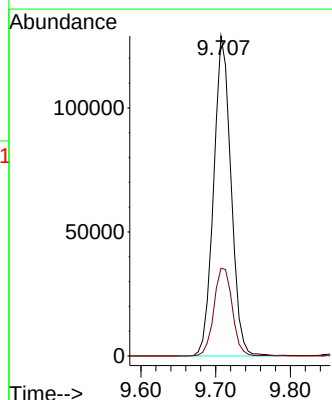
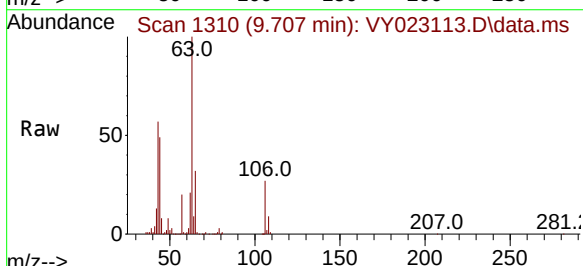
Acq: 15 Aug 2025 09:37

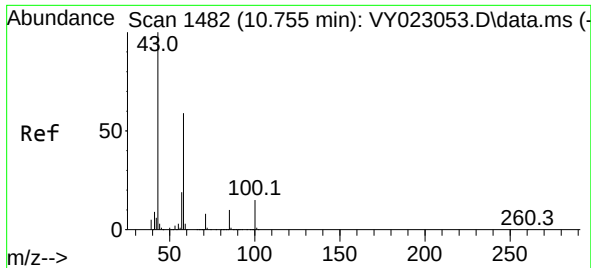
Tgt Ion: 63 Resp: 208567

Ion Ratio Lower Upper

63 100

106 29.0 23.2 34.8

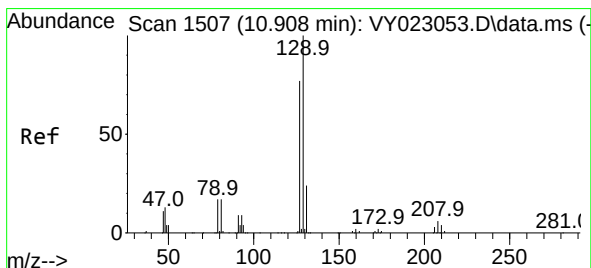
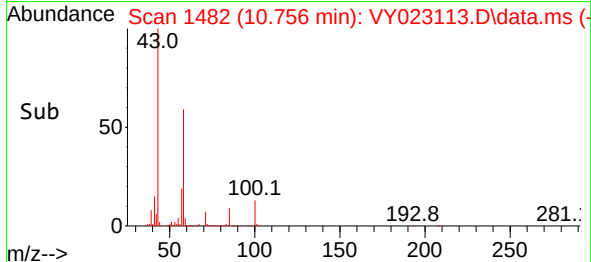
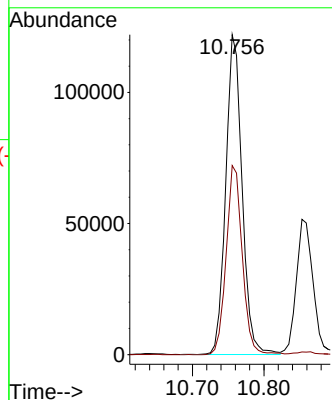
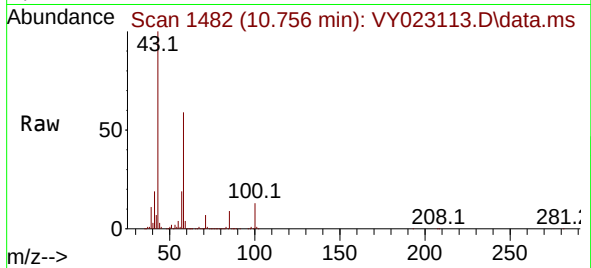




#59
2-Hexanone
Concen: 100.277 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

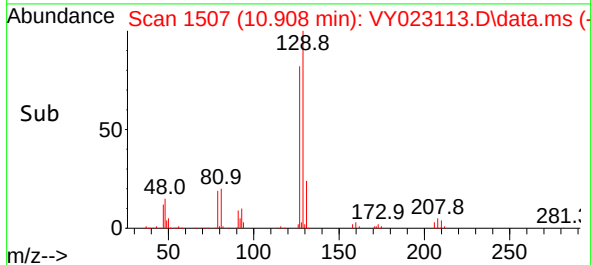
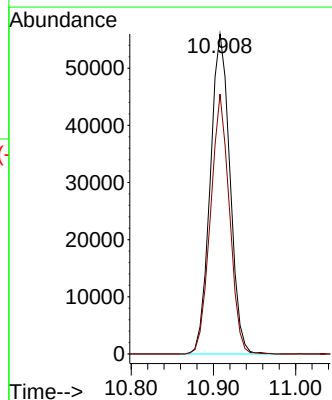
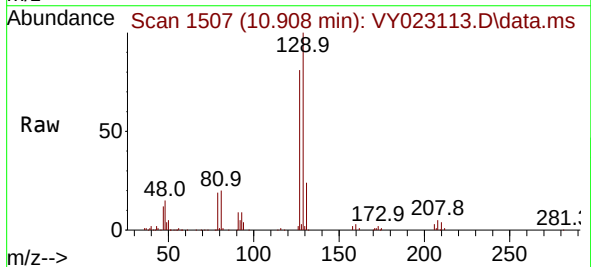
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

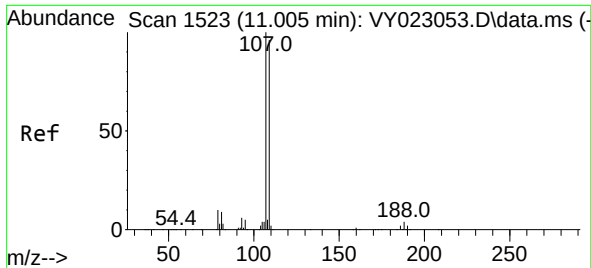
Tgt Ion: 43 Resp: 193382
Ion Ratio Lower Upper
43 100
58 58.4 29.5 88.5



#60
Dibromochloromethane
Concen: 20.091 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 129 Resp: 93374
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

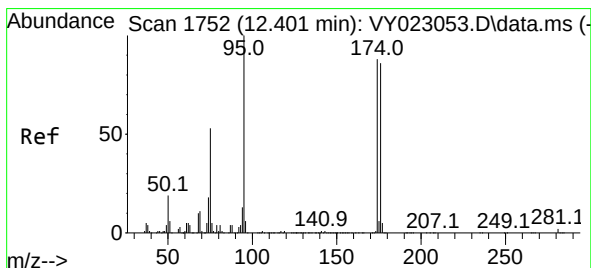
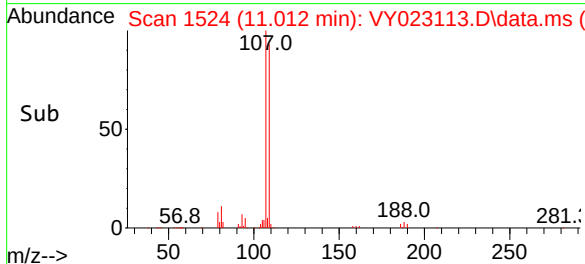
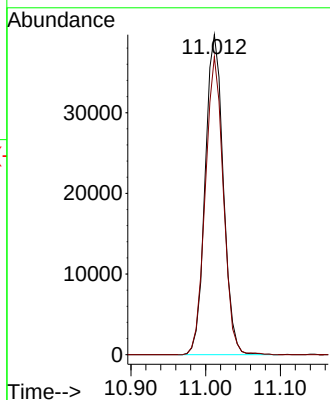
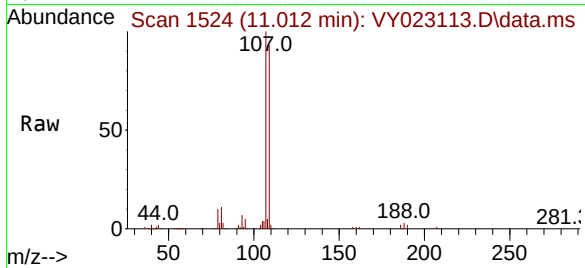




#61
1,2-Dibromoethane
Concen: 20.125 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

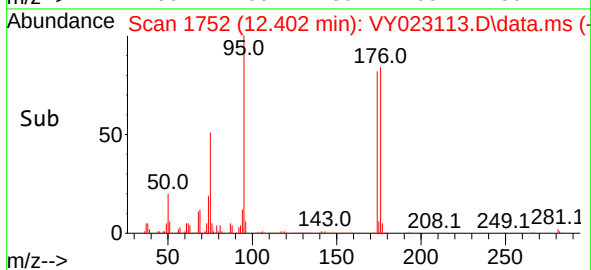
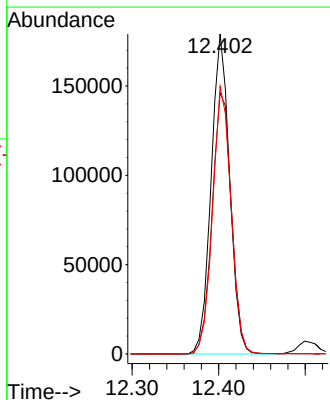
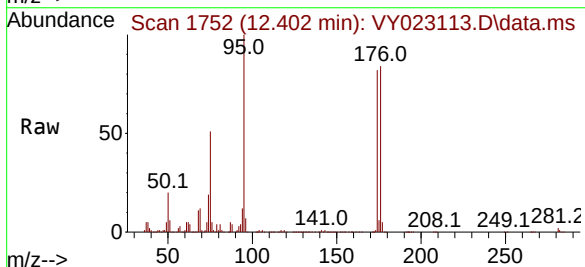
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

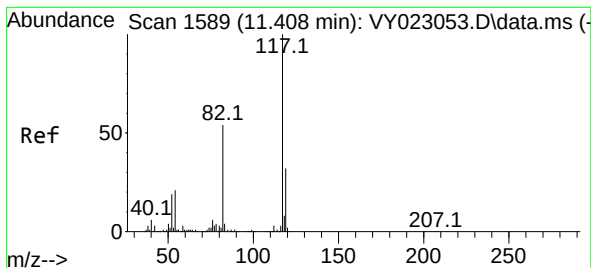
Tgt Ion:107 Resp: 66622
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.547 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 95 Resp: 265399
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.6
176 83.8 0.0 167.6

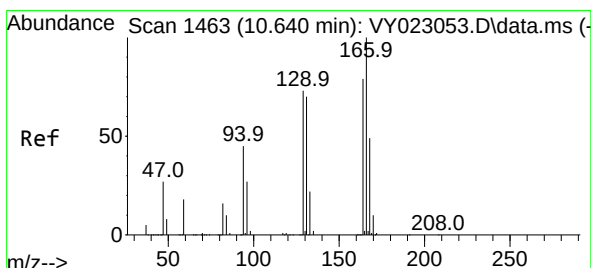
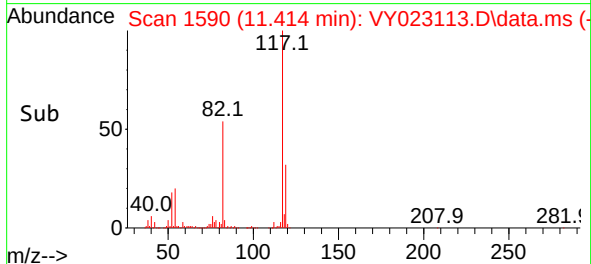
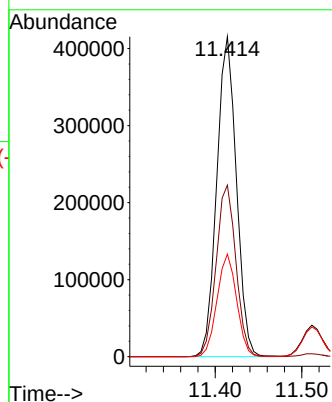
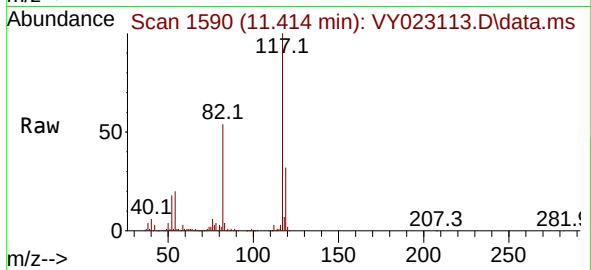




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

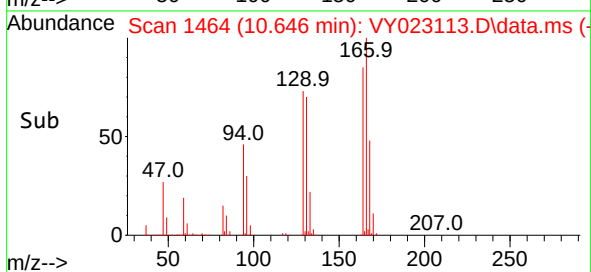
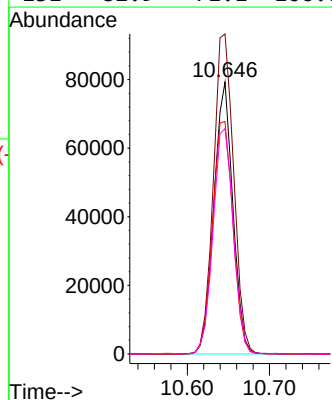
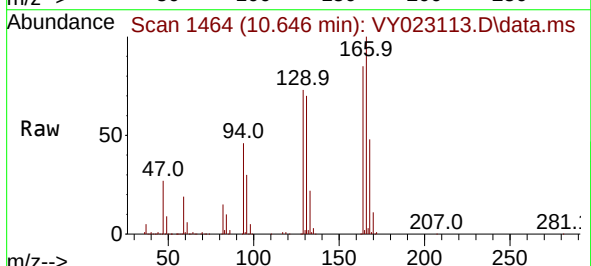
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

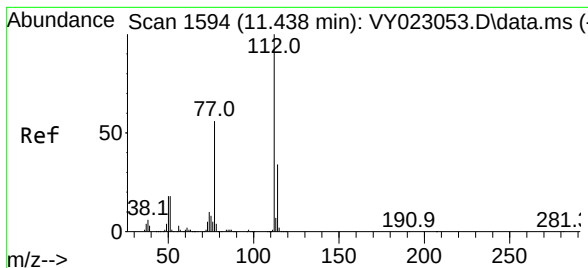
Tgt Ion:117 Resp: 654458
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 21.773 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion:164 Resp: 127239
Ion Ratio Lower Upper
164 100
166 117.7 101.1 151.7
129 85.5 74.0 111.0
131 82.9 71.1 106.7

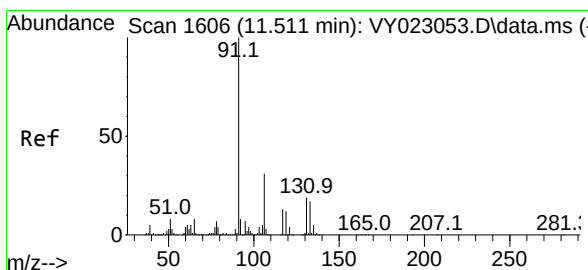
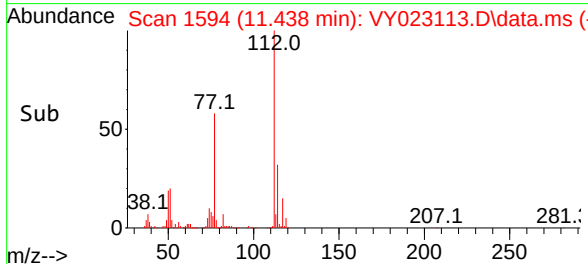
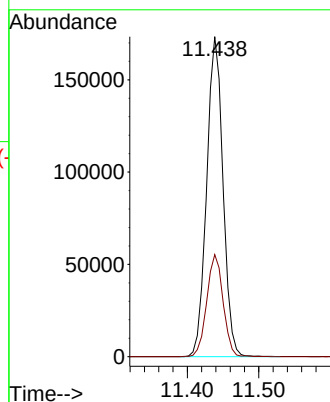
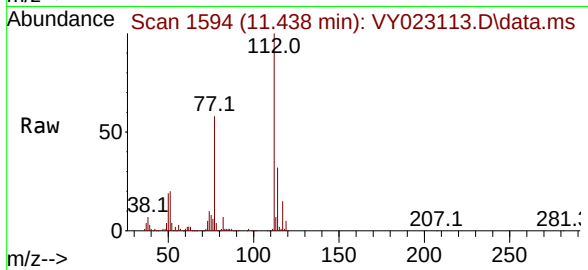




#65
Chlorobenzene
Concen: 19.453 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

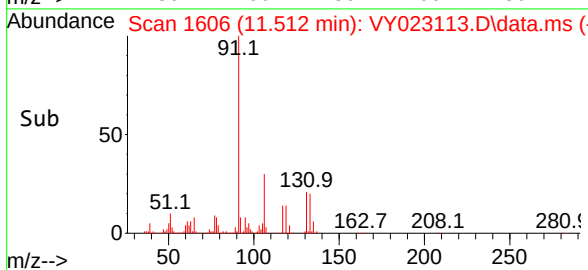
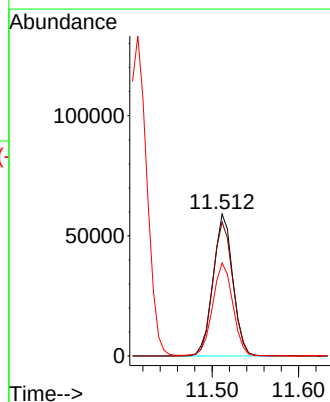
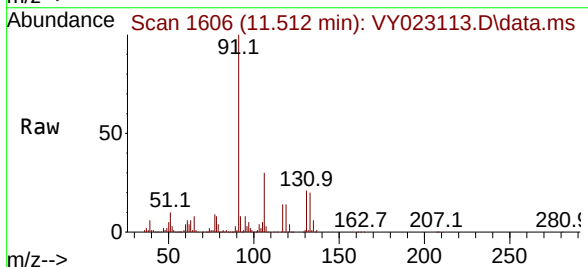
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

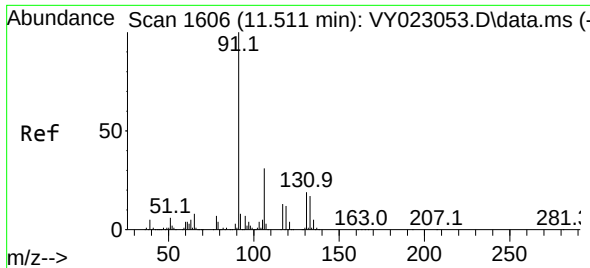
Tgt Ion:112 Resp: 274616
Ion Ratio Lower Upper
112 100
114 31.9 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.466 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion:131 Resp: 93262
Ion Ratio Lower Upper
131 100
133 96.5 46.9 140.6
119 67.4 33.2 99.6

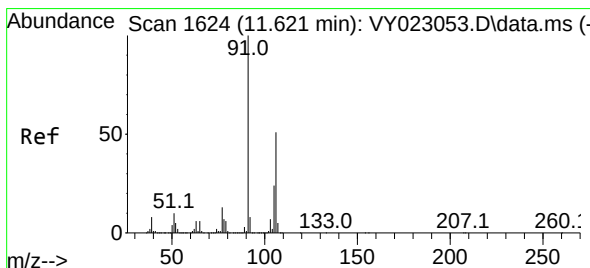
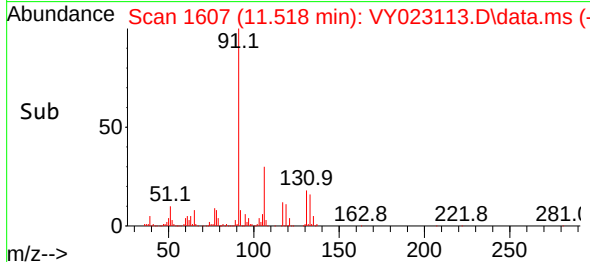
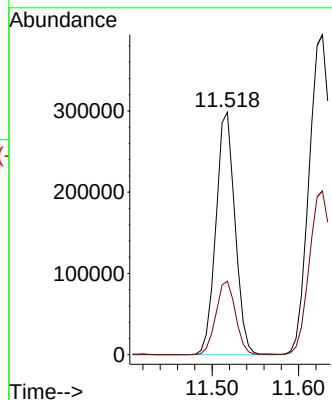
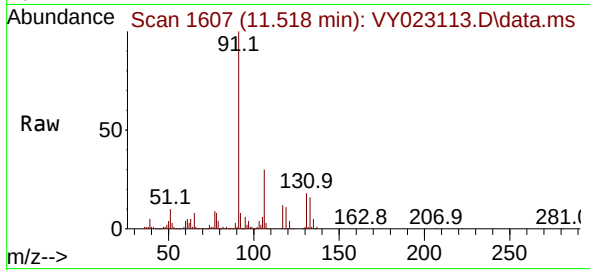




#67
Ethyl Benzene
Concen: 18.808 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

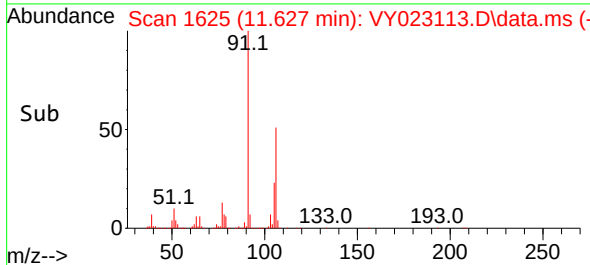
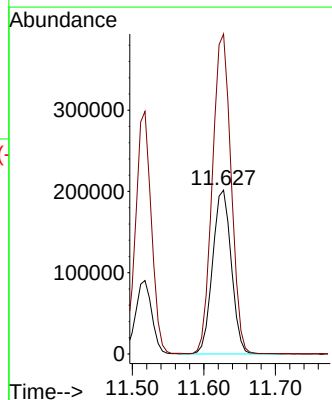
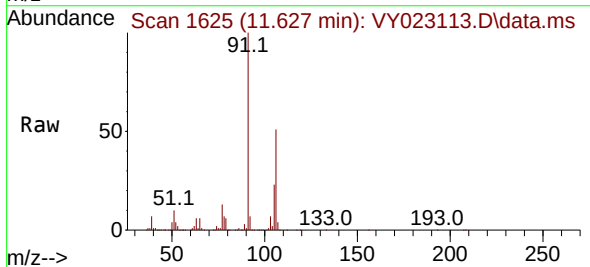
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

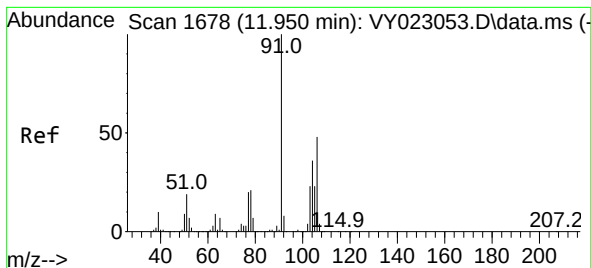
Tgt Ion: 91 Resp: 456905
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4



#68
m/p-Xylenes
Concen: 38.555 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 106 Resp: 365819
Ion Ratio Lower Upper
106 100
91 195.9 158.6 238.0





#69

o-Xylene

Concen: 18.648 ug/l

RT: 11.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

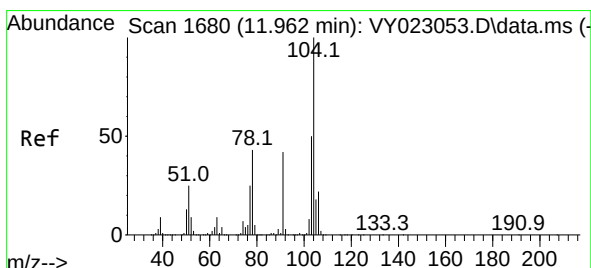
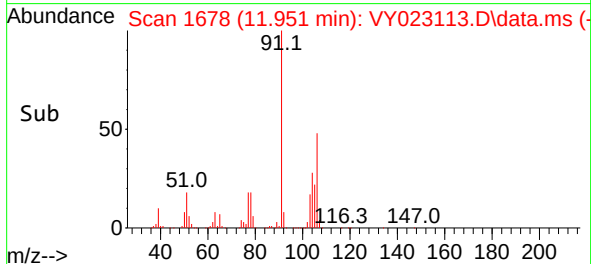
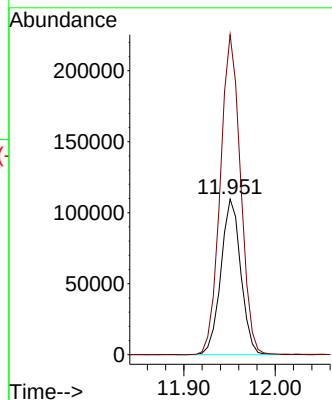
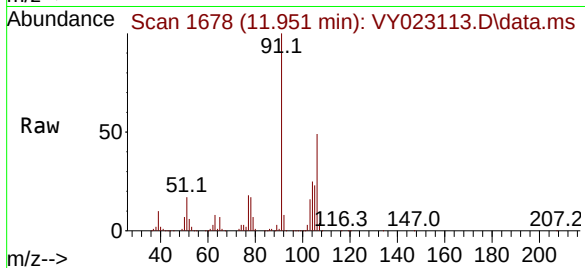
VY0815SBS01

Tgt Ion:106 Resp: 165713

Ion Ratio Lower Upper

106 100

91 210.1 103.2 309.4



#70

Styrene

Concen: 19.385 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

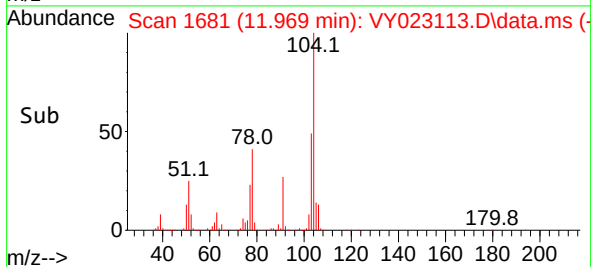
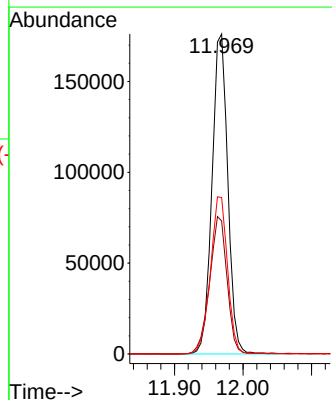
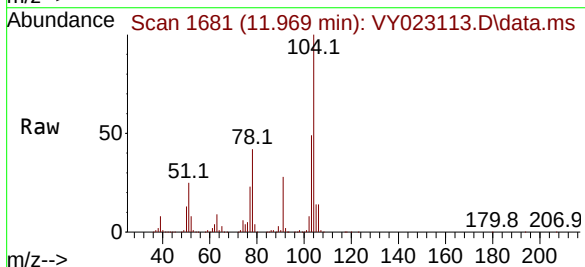
Tgt Ion:104 Resp: 281721

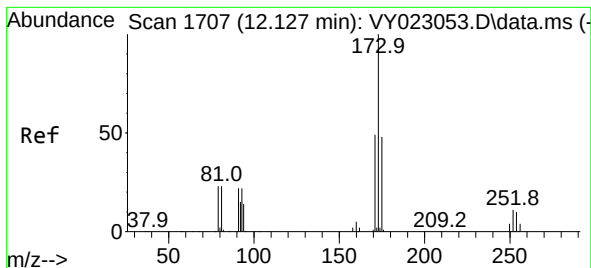
Ion Ratio Lower Upper

104 100

78 47.6 38.5 57.7

103 53.4 43.7 65.5





#71

Bromoform

Concen: 18.687 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

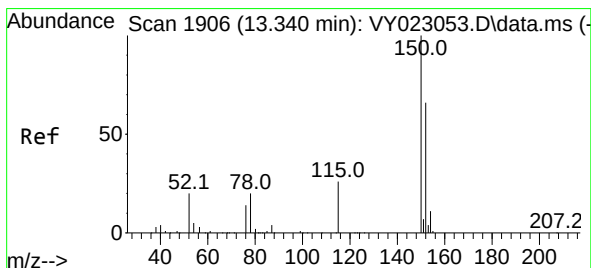
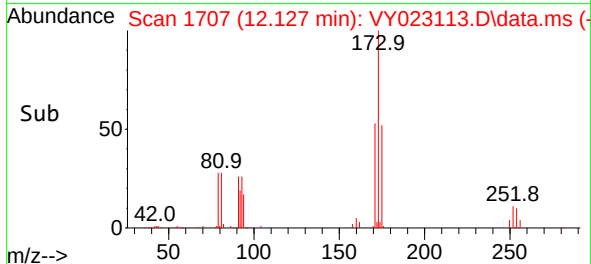
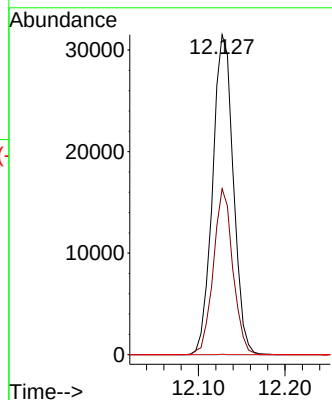
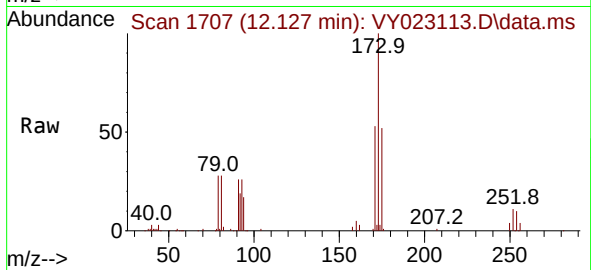
Tgt Ion:173 Resp: 52326

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.341 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

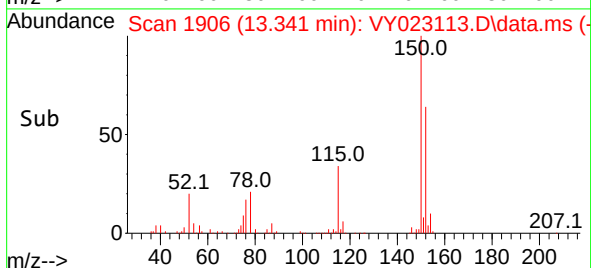
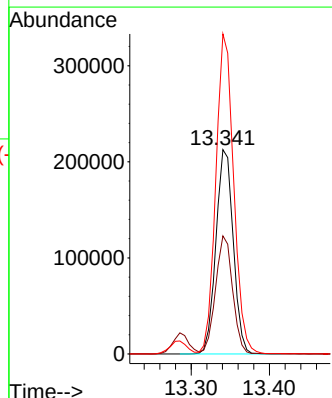
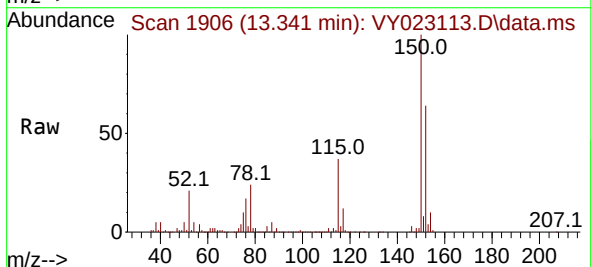
Tgt Ion:152 Resp: 327154

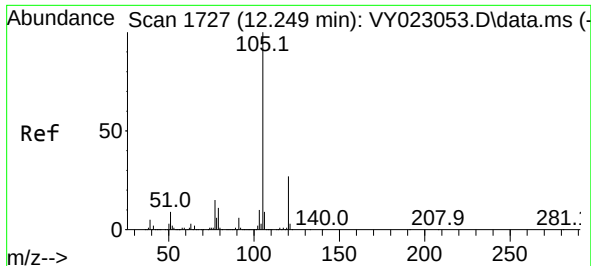
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.6

150 161.2 0.0 348.0

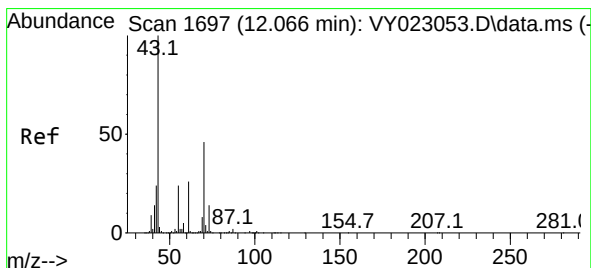
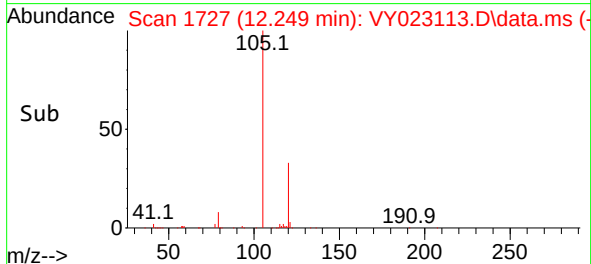
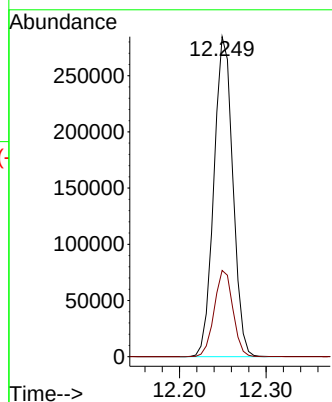
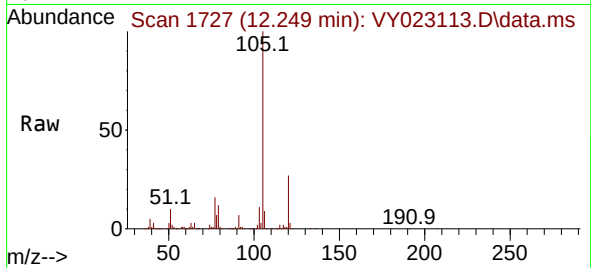




#73
Isopropylbenzene
Concen: 18.755 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

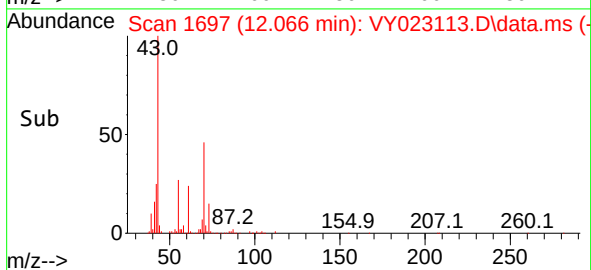
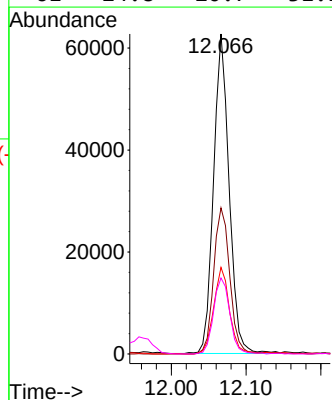
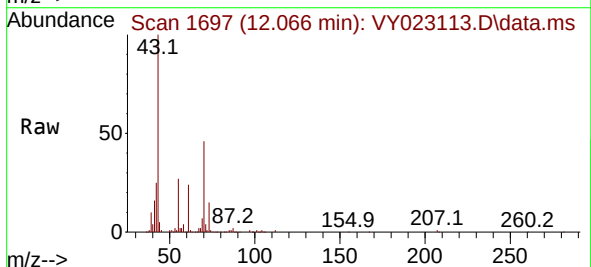
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

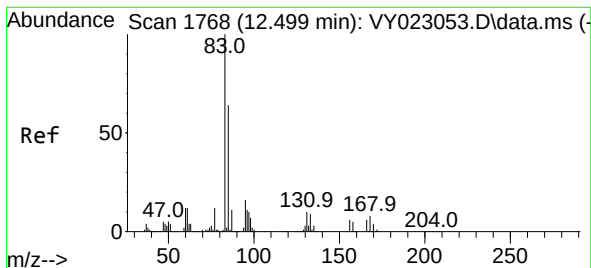
Tgt Ion:105 Resp: 433053
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 18.605 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 43 Resp: 91104
Ion Ratio Lower Upper
43 100
70 47.9 37.5 56.3
55 27.6 20.7 31.1
61 24.8 20.7 31.1

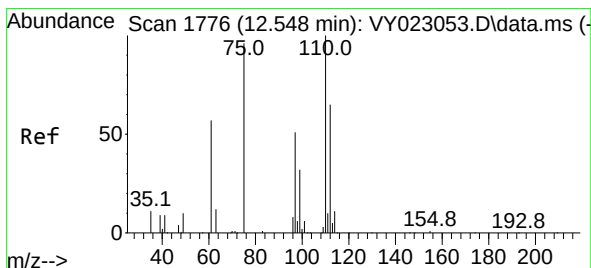
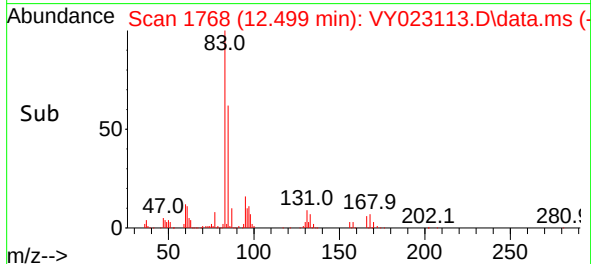
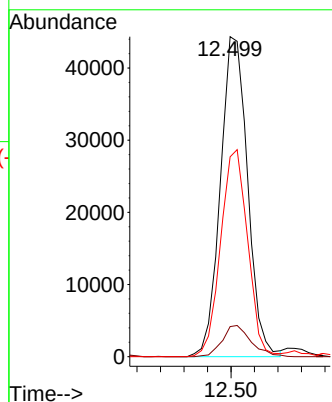
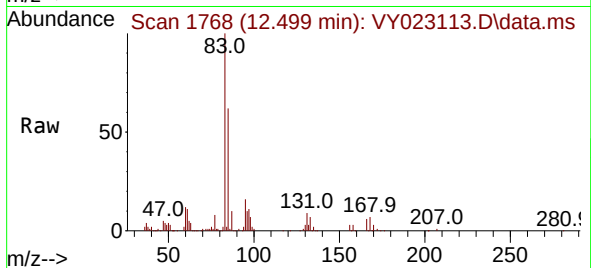




#75
 1,1,2-Tetrachloroethane
 Concen: 18.110 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: VY023113.D
 Acq: 15 Aug 2025 09:37

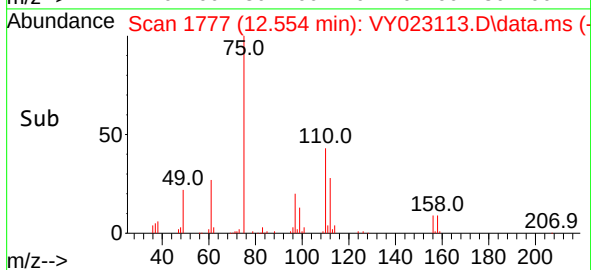
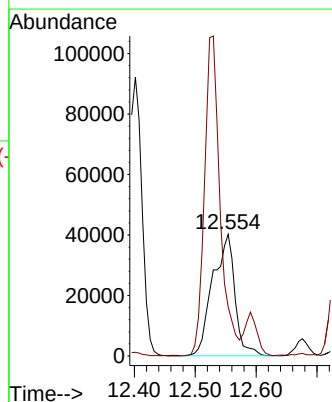
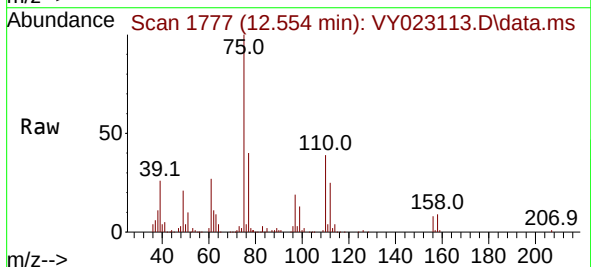
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

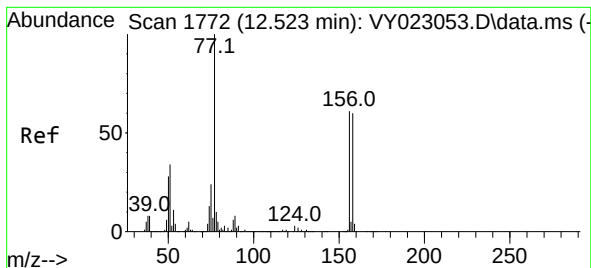
Tgt Ion: 83 Resp: 71400
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 64.3 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 32.129 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023113.D
 Acq: 15 Aug 2025 09:37

Tgt Ion: 75 Resp: 101444
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.006 ug/l

RT: 12.530 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

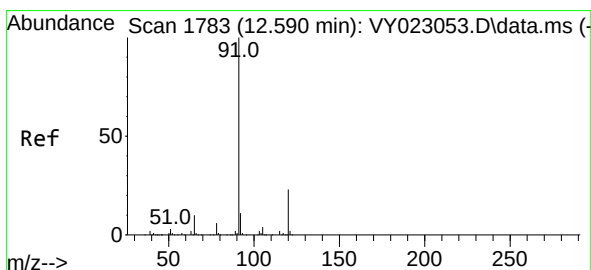
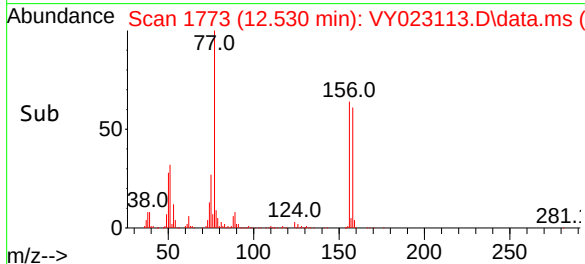
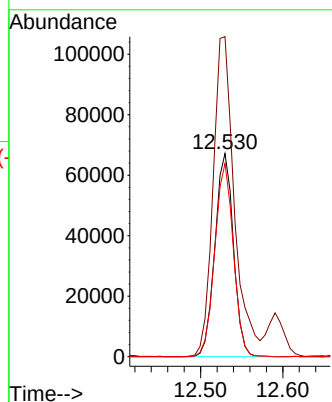
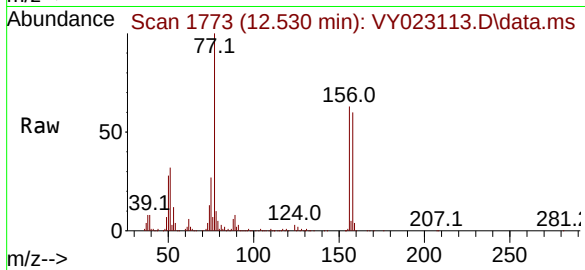
Tgt Ion:156 Resp: 104694

Ion Ratio Lower Upper

156 100

77 181.4 88.1 264.4

158 95.4 48.0 144.0



#78

n-propylbenzene

Concen: 19.204 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023113.D

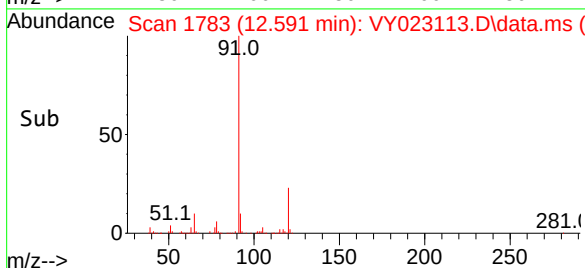
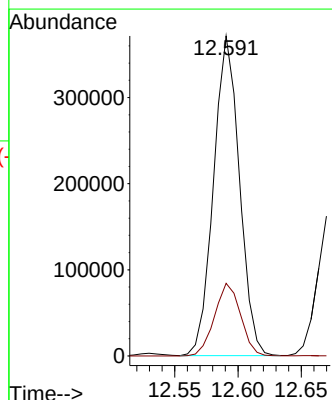
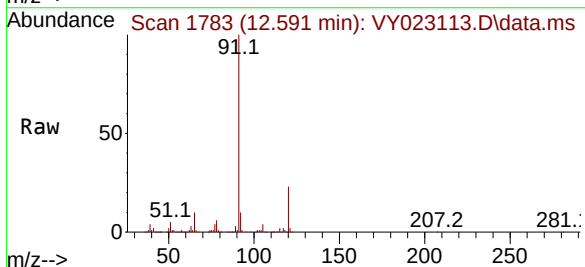
Acq: 15 Aug 2025 09:37

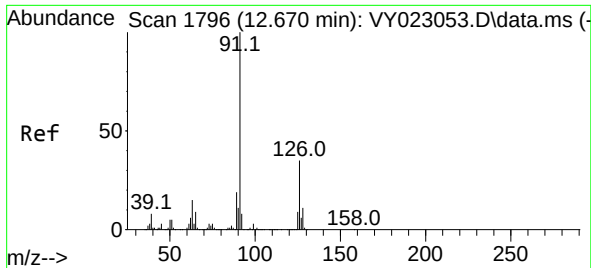
Tgt Ion: 91 Resp: 527930

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5

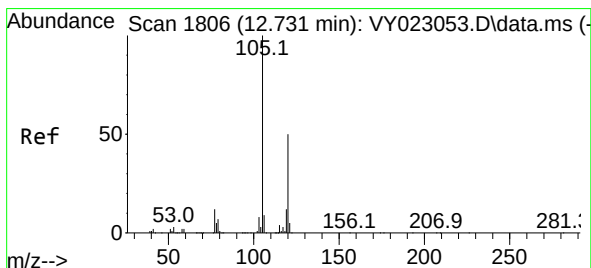
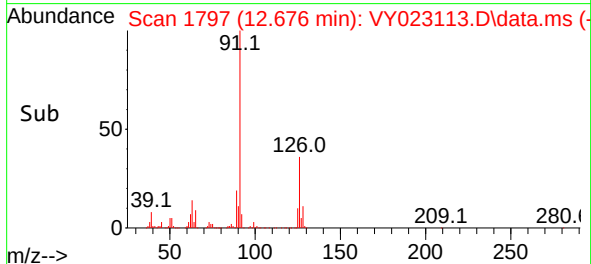
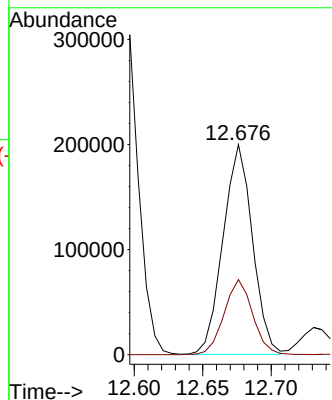
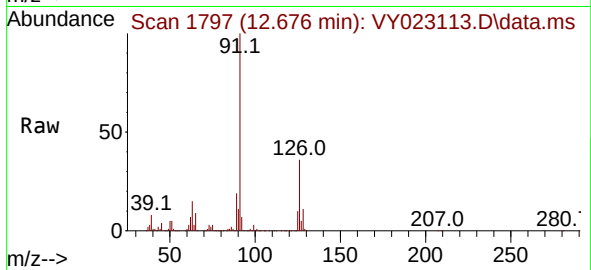




#79
2-Chlorotoluene
Concen: 18.946 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

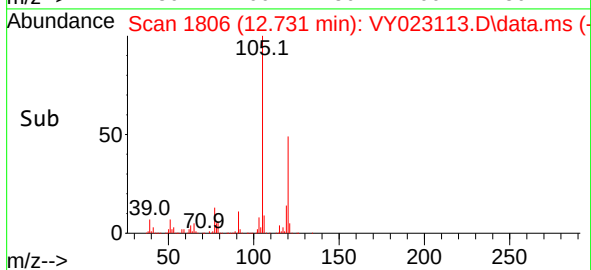
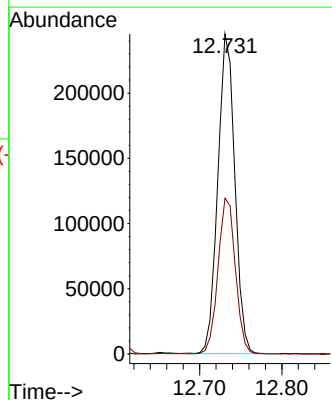
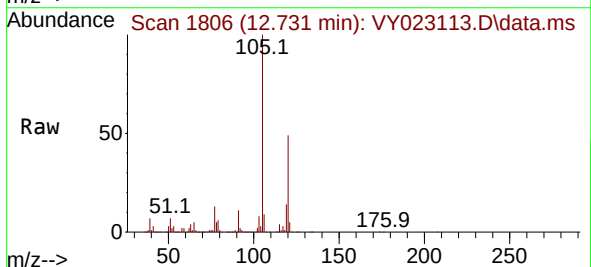
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

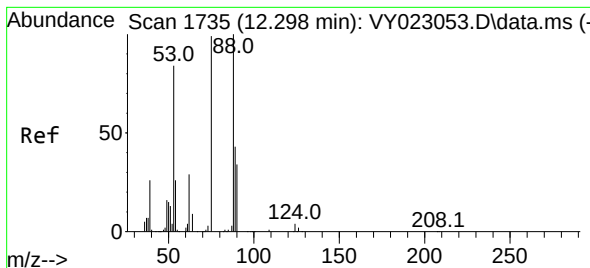
Tgt Ion: 91 Resp: 298409
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 18.850 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 105 Resp: 351759
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4

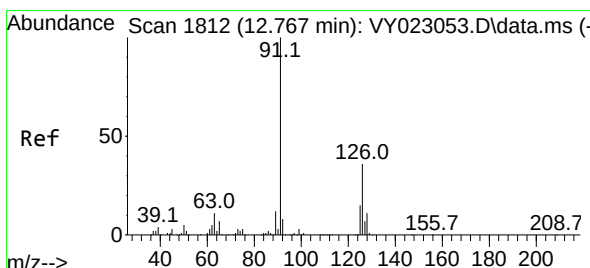
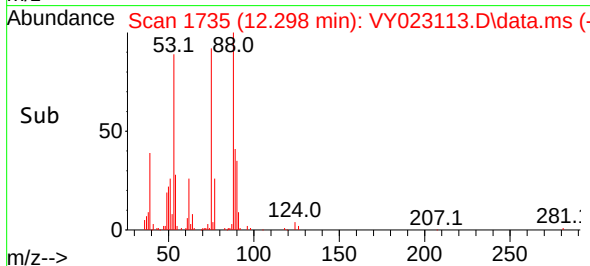
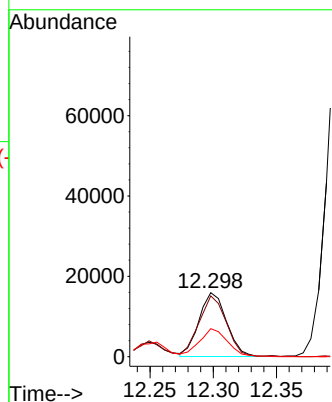
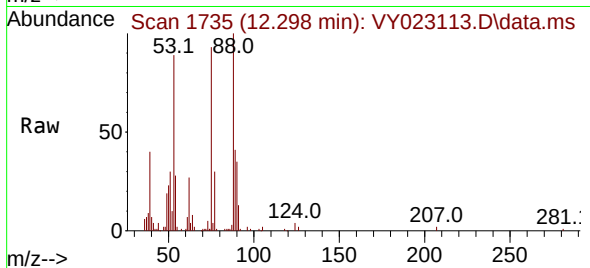




#81
trans-1,4-Dichloro-2-butene
Concen: 18.524 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

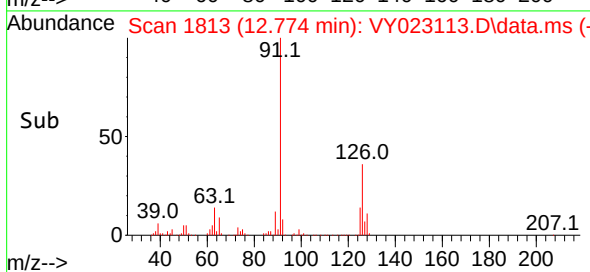
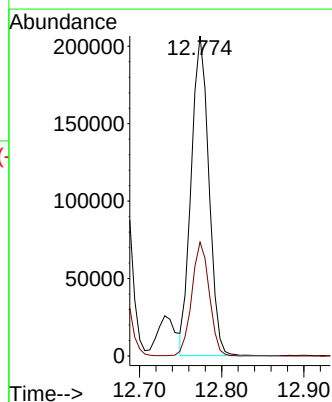
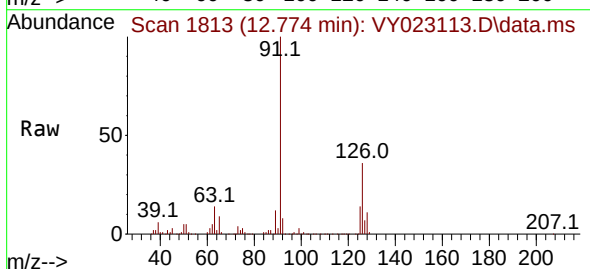
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

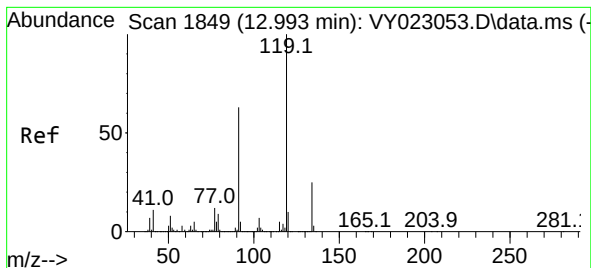
Tgt Ion: 75 Resp: 24161
Ion Ratio Lower Upper
75 100
53 92.8 70.8 106.2
89 44.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 18.799 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023113.D
Acq: 15 Aug 2025 09:37

Tgt Ion: 91 Resp: 307174
Ion Ratio Lower Upper
91 100
126 35.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 18.153 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

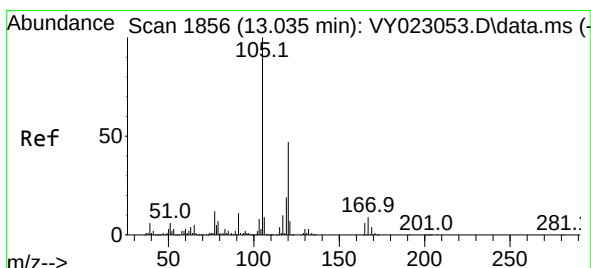
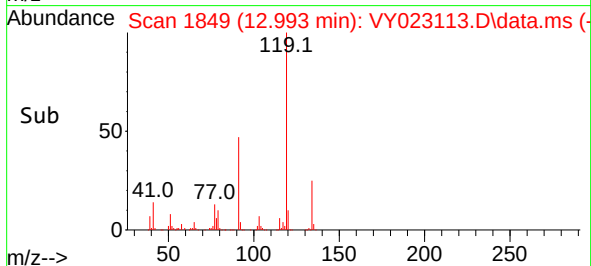
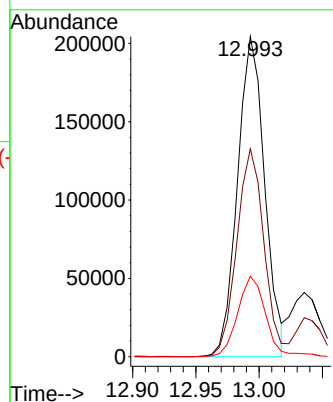
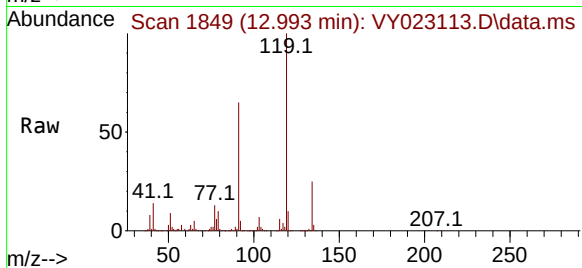
Tgt Ion:119 Resp: 305956

Ion Ratio Lower Upper

119 100

91 65.3 31.6 94.8

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.199 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023113.D

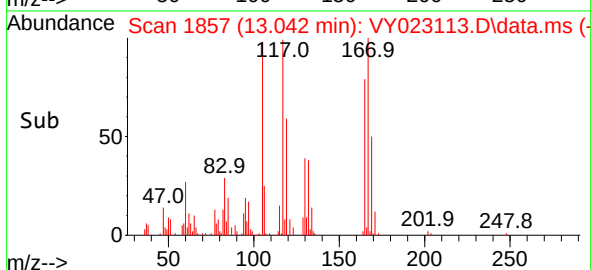
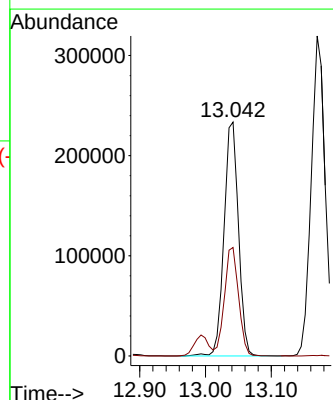
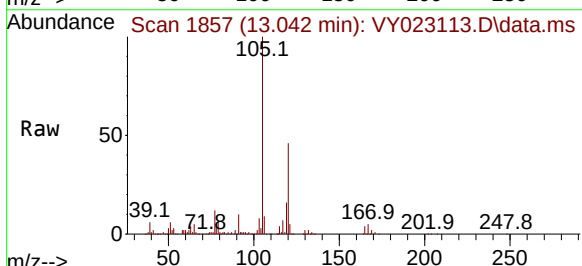
Acq: 15 Aug 2025 09:37

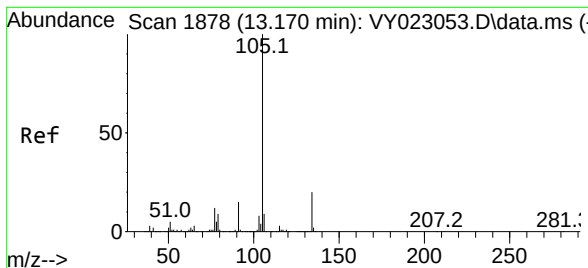
Tgt Ion:105 Resp: 356647

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.917 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

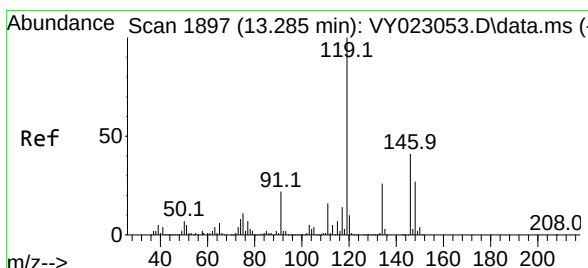
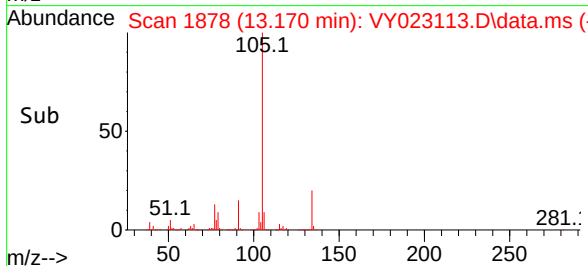
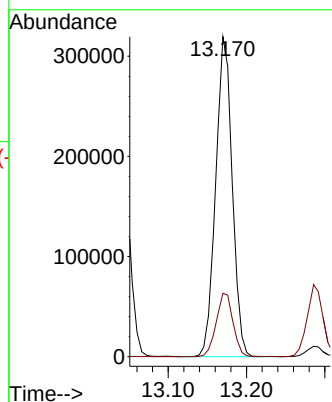
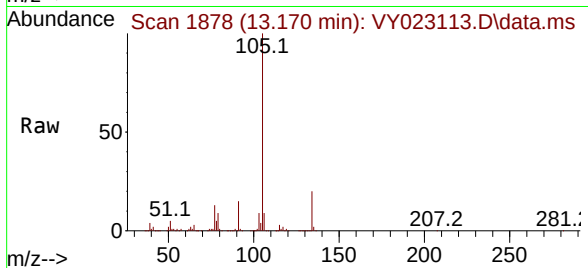
VY0815SBS01

Tgt Ion:105 Resp: 468353

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 18.897 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

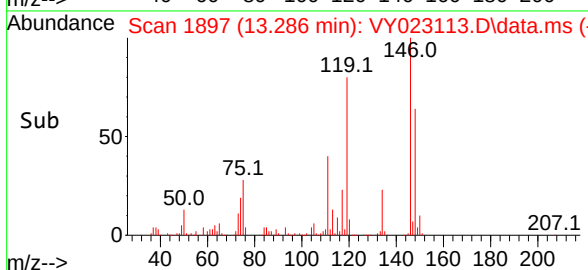
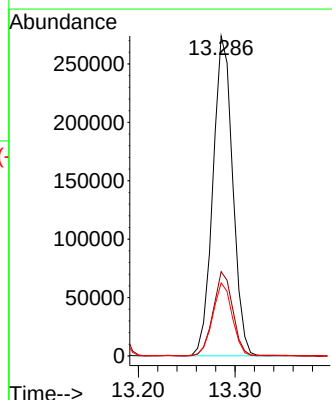
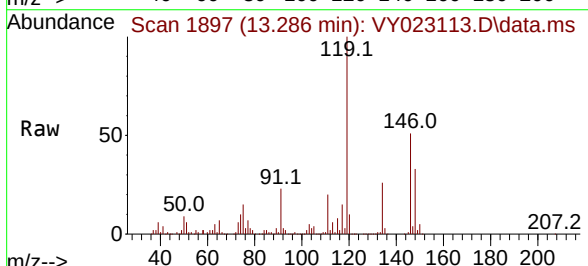
Tgt Ion:119 Resp: 388353

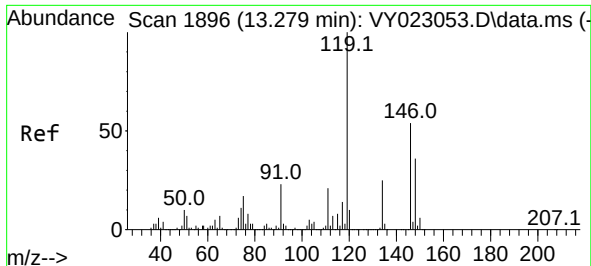
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.6

91 22.5 11.3 33.8

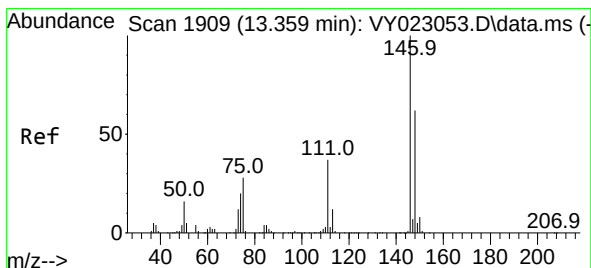
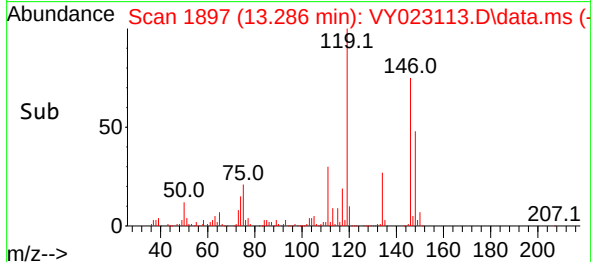
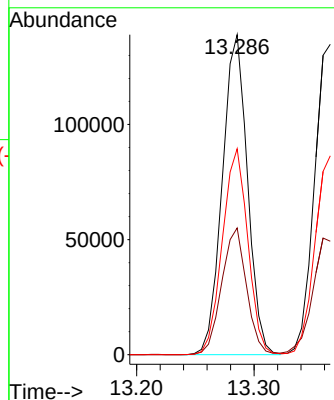
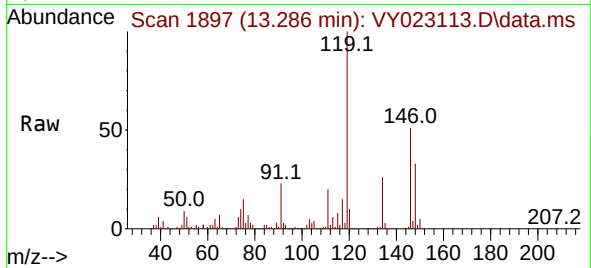




#87
 1,3-Dichlorobenzene
 Concen: 19.055 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY023113.D
 Acq: 15 Aug 2025 09:37

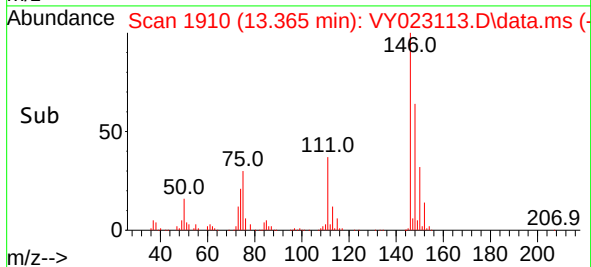
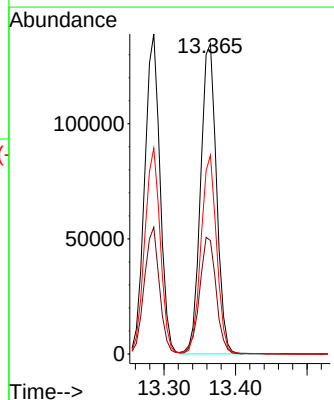
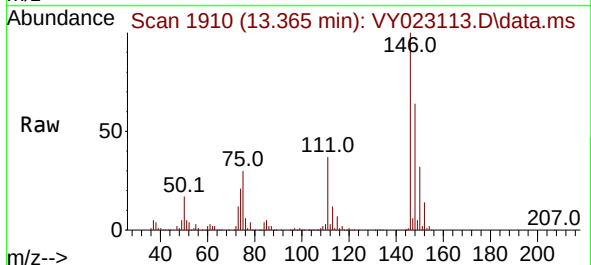
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

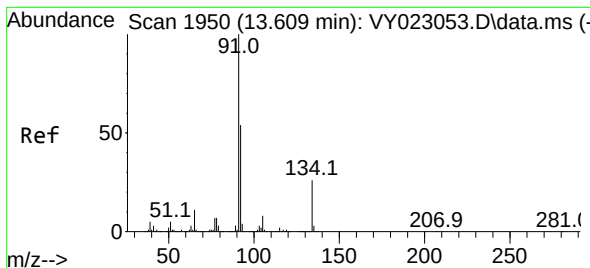
Tgt Ion:146 Resp: 206995
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 65.1 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.268 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023113.D
 Acq: 15 Aug 2025 09:37

Tgt Ion:146 Resp: 207638
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.1
 148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 18.720 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

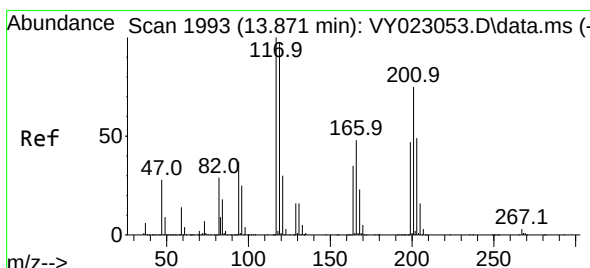
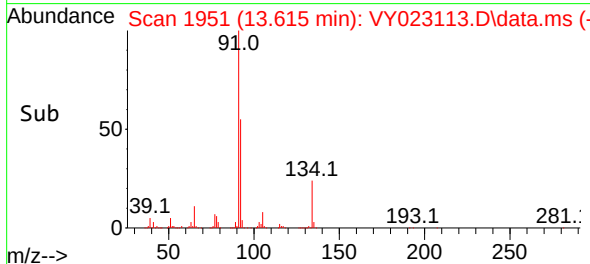
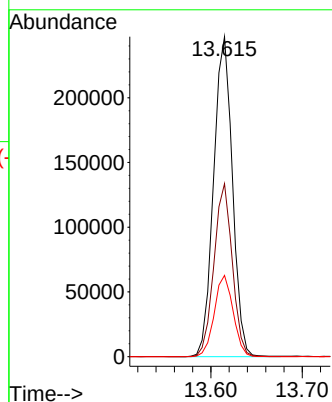
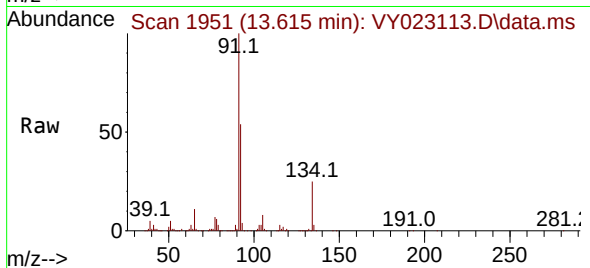
Tgt Ion: 91 Resp: 353333

Ion Ratio Lower Upper

91 100

92 52.7 26.9 80.7

134 25.5 13.2 39.5



#90

Hexachloroethane

Concen: 19.725 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023113.D

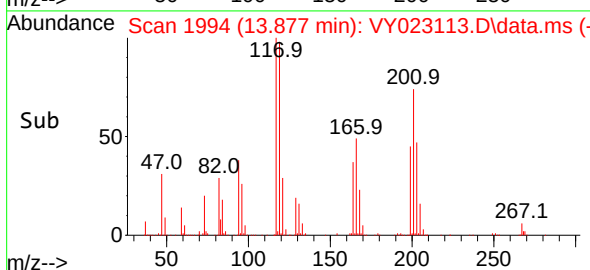
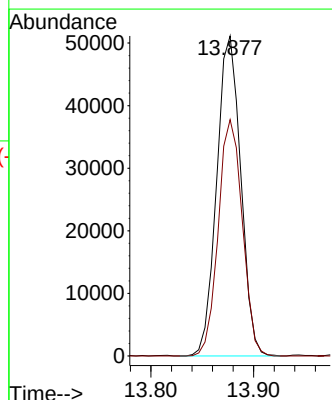
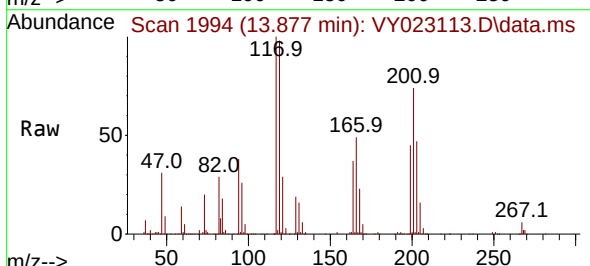
Acq: 15 Aug 2025 09:37

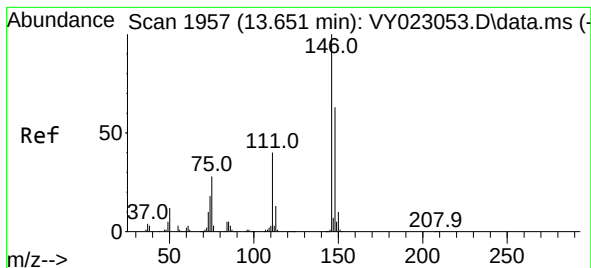
Tgt Ion: 117 Resp: 82985

Ion Ratio Lower Upper

117 100

201 73.8 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 18.946 ug/l

RT: 13.658 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

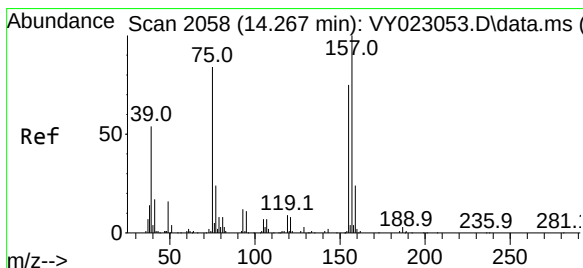
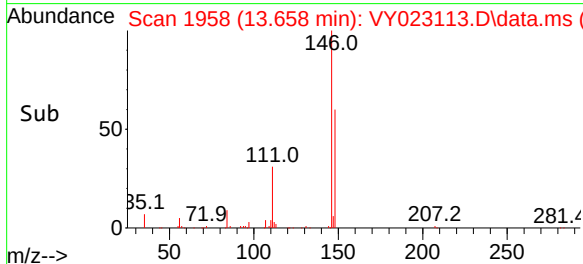
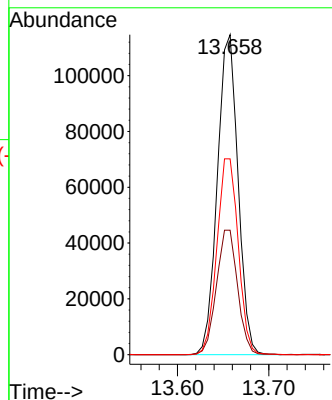
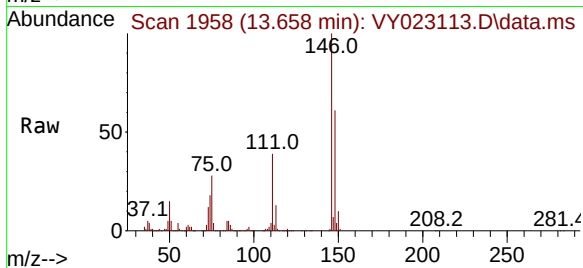
Tgt Ion:146 Resp: 180503

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.8

148 63.2 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.809 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

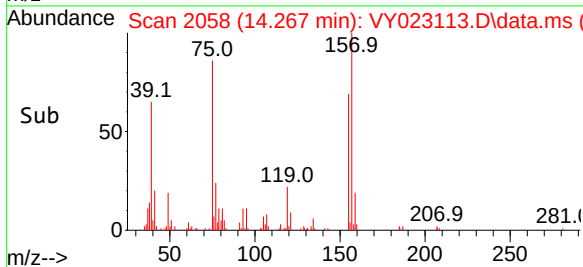
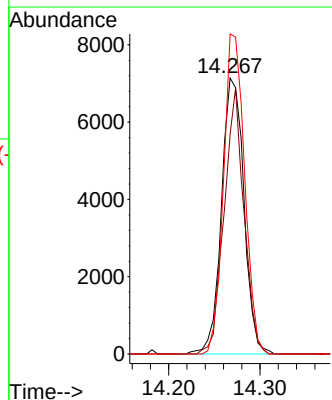
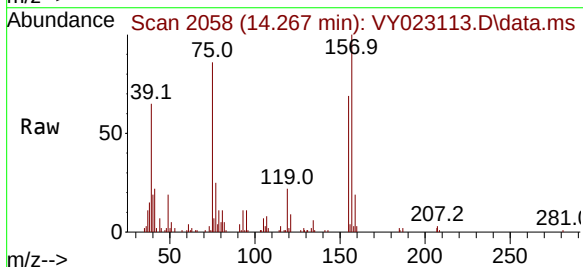
Tgt Ion: 75 Resp: 12160

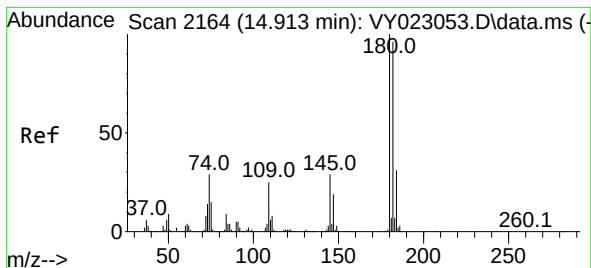
Ion Ratio Lower Upper

75 100

155 85.4 43.9 131.6

157 109.3 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 18.177 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

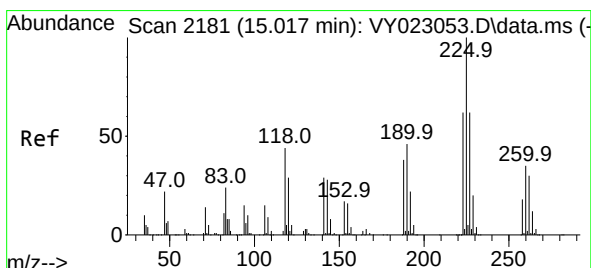
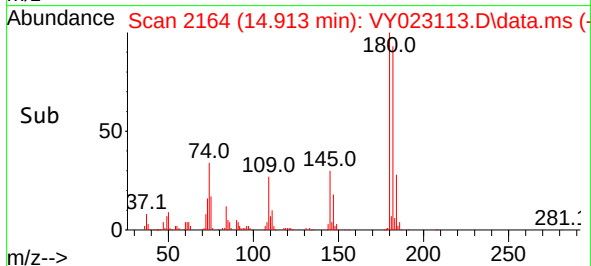
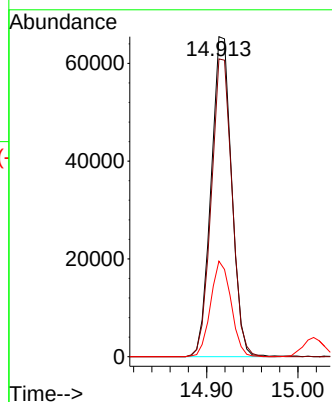
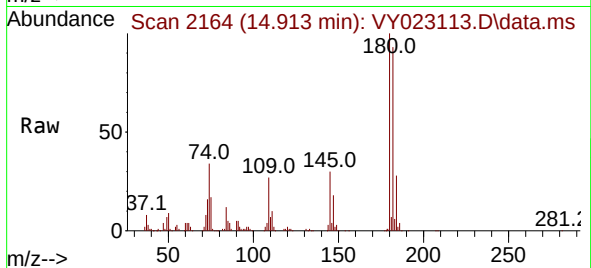
Tgt Ion:180 Resp: 102405

Ion Ratio Lower Upper

180 100

182 93.8 46.8 140.4

145 29.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 18.710 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

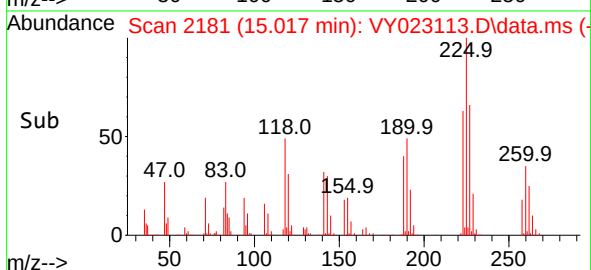
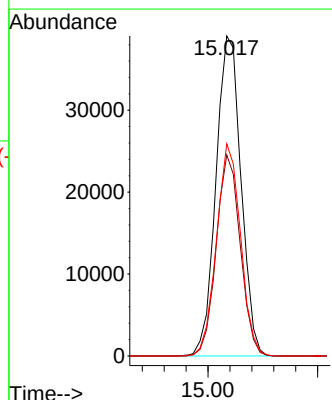
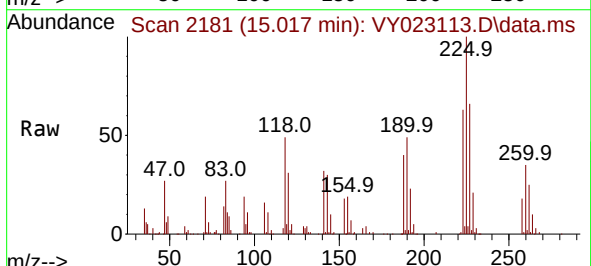
Tgt Ion:225 Resp: 61940

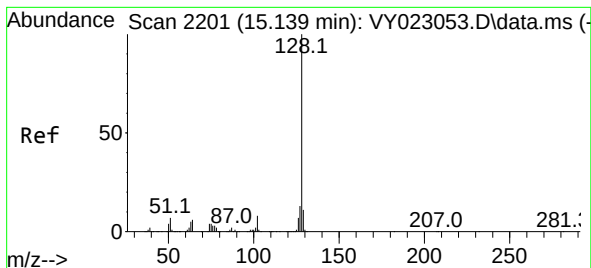
Ion Ratio Lower Upper

225 100

223 60.2 31.3 93.8

227 63.8 31.5 94.5





#95

Naphthalene

Concen: 17.503 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

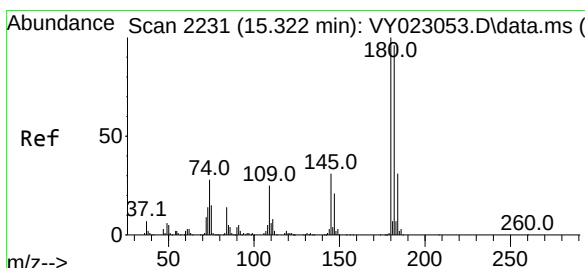
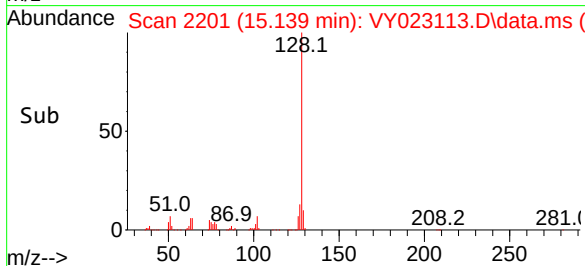
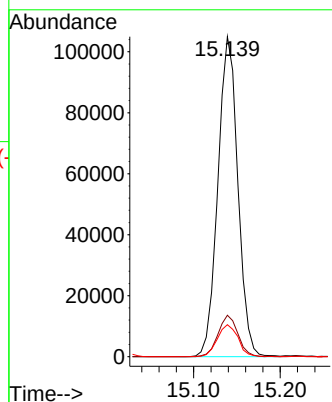
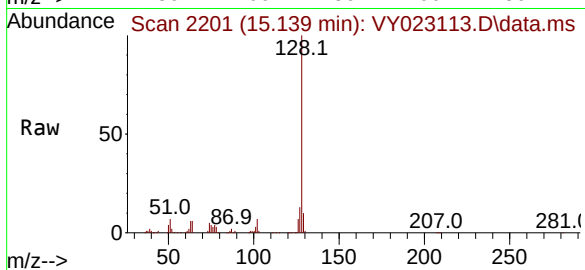
Tgt Ion:128 Resp: 168145

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.4 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 17.892 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023113.D

Acq: 15 Aug 2025 09:37

Tgt Ion:180 Resp: 86860

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 31.1 15.9 47.7

