

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
 Data File : VY023183.D
 Acq On : 22 Aug 2025 10:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 05:11:09 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	7.713	168	515648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	776447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	671695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	344324	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	206377	41.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.980%
35) Dibromofluoromethane	7.634	113	226981	48.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.109	98	893571	49.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.402	95	281324	48.197	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	191786	45.565	ug/l	97
3) Chloromethane	2.074	50	324765	47.639	ug/l	99
4) Vinyl Chloride	2.208	62	420089	49.850	ug/l	99
5) Bromomethane	2.592	94	309020	49.101	ug/l	100
6) Chloroethane	2.733	64	282082	50.349	ug/l	97
7) Trichlorofluoromethane	3.056	101	513724	50.135	ug/l	99
8) Diethyl Ether	3.458	74	127816	47.147	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	268350	53.083	ug/l	98
10) Methyl Iodide	4.001	142	295334	54.140	ug/l	99
11) Tert butyl alcohol	4.860	59	104229	309.528	ug/l	99
12) 1,1-Dichloroethene	3.787	96	259466	52.217	ug/l	94
13) Acrolein	3.653	56	42505	86.190	ug/l	100
14) Allyl chloride	4.385	41	355263	48.589	ug/l	98
15) Acrylonitrile	5.055	53	246083	223.275	ug/l	98
16) Acetone	3.860	43	263983	247.942	ug/l	100
17) Carbon Disulfide	4.104	76	801656	49.479	ug/l	100
18) Methyl Acetate	4.385	43	124421	39.270	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	590712	45.876	ug/l	97
20) Methylene Chloride	4.616	84	302708	54.986	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	295810	52.973	ug/l	97
22) Diisopropyl ether	6.019	45	767424	48.302	ug/l	98
23) Vinyl Acetate	5.958	43	2036885	231.851	ug/l	99
24) 1,1-Dichloroethane	5.915	63	495276	50.987	ug/l	99
25) 2-Butanone	6.890	43	319535	220.669	ug/l	98
26) 2,2-Dichloropropane	6.884	77	450117	53.702	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	334371	51.796	ug/l	98
28) Bromochloromethane	7.244	49	167003	43.334	ug/l	95
29) Tetrahydrofuran	7.262	42	185986	207.210	ug/l	98
30) Chloroform	7.421	83	513310	51.238	ug/l	98
31) Cyclohexane	7.701	56	439474	48.010	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	471339	53.024	ug/l	99
36) 1,1-Dichloropropene	7.835	75	379774	55.003	ug/l	99
37) Ethyl Acetate	6.982	43	130702	45.063	ug/l	98
38) Carbon Tetrachloride	7.817	117	425100	56.685	ug/l	97
39) Methylcyclohexane	9.109	83	509648	56.052	ug/l	97
40) Benzene	8.079	78	1161551	54.582	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	69548	41.548	ug/l	92
42) 1,2-Dichloroethane	8.158	62	273626	49.438	ug/l	100
43) Isopropyl Acetate	8.195	43	256544	43.762	ug/l	96
44) Trichloroethene	8.866	130	311248	56.595	ug/l	98
45) 1,2-Dichloropropane	9.140	63	259489	52.994	ug/l	99
46) Dibromomethane	9.231	93	142453	50.687	ug/l	98
47) Bromodichloromethane	9.420	83	384667	53.192	ug/l	98
48) Methyl methacrylate	9.219	41	128203	45.702	ug/l	96
49) 1,4-Dioxane	9.225	88	29855	905.970	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	678079	224.239	ug/l	99
52) Toluene	10.170	92	741247	54.842	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	338124	51.633	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	407198	52.584	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	192192	51.106	ug/l	97
56) Ethyl methacrylate	10.438	69	236539	49.154	ug/l	97
57) 1,3-Dichloropropane	10.719	76	320053	50.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	525241	231.393	ug/l	98
59) 2-Hexanone	10.762	43	474858	230.617	ug/l	99
60) Dibromochloromethane	10.914	129	262518	52.903	ug/l	99
61) 1,2-Dibromoethane	11.012	107	180177	50.975	ug/l	99
64) Tetrachloroethene	10.646	164	362050	60.364	ug/l	99
65) Chlorobenzene	11.444	112	817535	56.426	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	278287	56.594	ug/l	98
67) Ethyl Benzene	11.518	91	1434944	57.551	ug/l	98
68) m/p-Xylenes	11.627	106	1136964	116.755	ug/l	97
69) o-Xylene	11.950	106	524534	57.511	ug/l	100
70) Styrene	11.969	104	861840	57.782	ug/l	99
71) Bromoform	12.133	173	149036	51.858	ug/l #	98
73) Isopropylbenzene	12.255	105	1387351	57.088	ug/l	99
74) N-amyl acetate	12.072	43	236699	45.928	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	192286	46.339	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	263979	79.438	ug/l #	100
77) Bromobenzene	12.530	156	314201	54.194	ug/l	96
78) n-propylbenzene	12.597	91	1683805	58.196	ug/l	99
79) 2-Chlorotoluene	12.676	91	921464	55.585	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1129188	57.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	63992	46.614	ug/l	97
82) 4-Chlorotoluene	12.773	91	949164	55.193	ug/l	99
83) tert-Butylbenzene	12.999	119	1027709	57.936	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1122674	57.421	ug/l	99
85) sec-Butylbenzene	13.176	105	1525232	58.532	ug/l	99
86) p-Isopropyltoluene	13.292	119	1292440	59.753	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	647985	56.676	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	625737	55.172	ug/l	99
89) n-Butylbenzene	13.615	91	1174415	59.118	ug/l	100
90) Hexachloroethane	13.877	117	255473	57.697	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	547401	54.593	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28814	44.599	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	317117	53.481	ug/l	98
94) Hexachlorobutadiene	15.023	225	197497	56.681	ug/l	99
95) Naphthalene	15.145	128	489256	48.388	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	265415	51.945	ug/l	99

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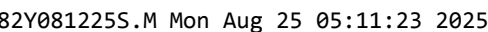
Instrument :
MSVOA_Y
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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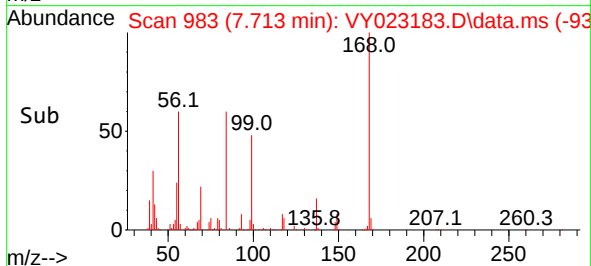
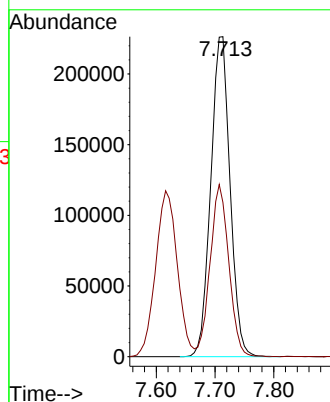
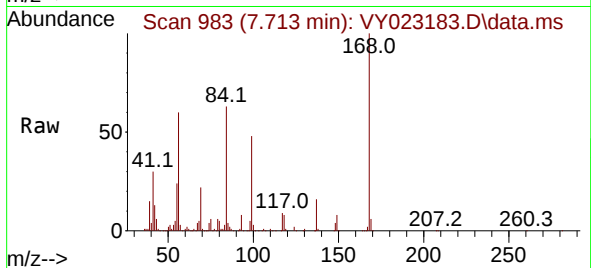




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

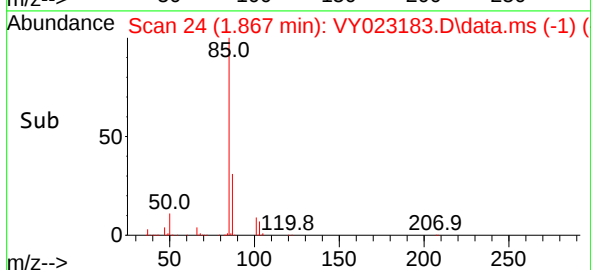
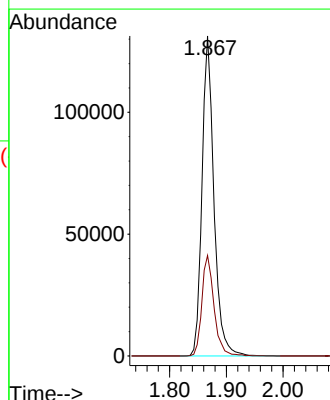
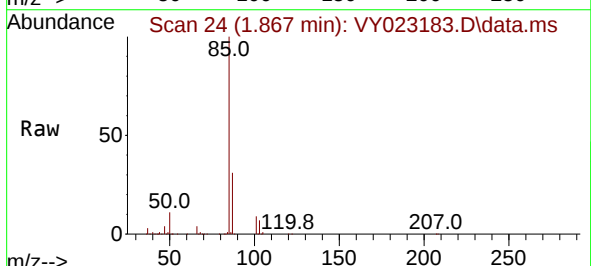
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 515648
Ion Ratio Lower Upper
168 100
99 48.2 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 45.565 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 85 Resp: 191786
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.8

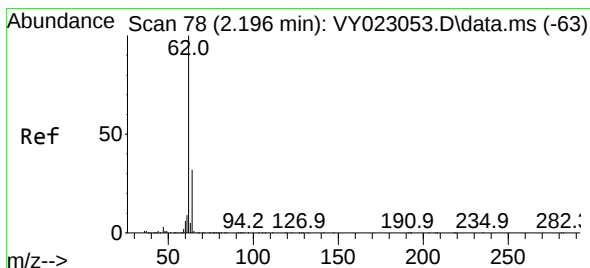
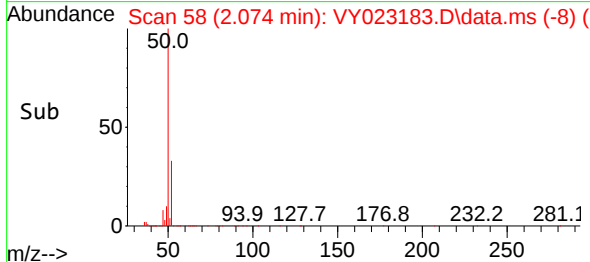
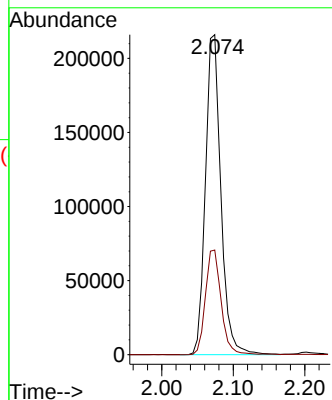
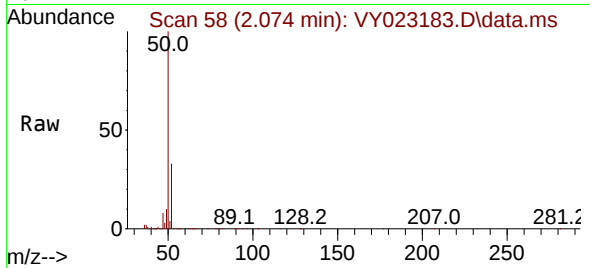




#3
Chloromethane
Concen: 47.639 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

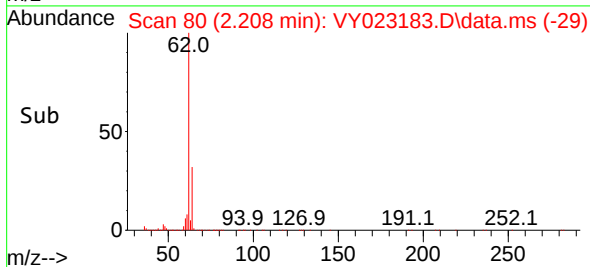
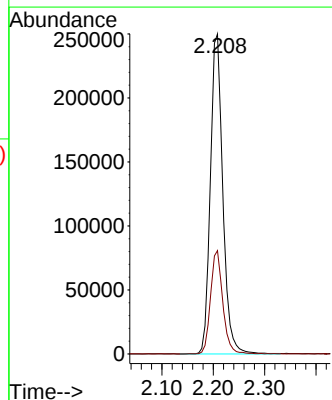
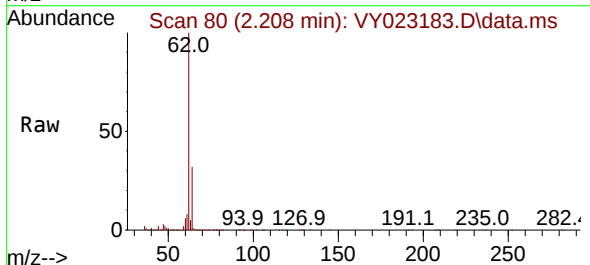
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ClientSampleId :
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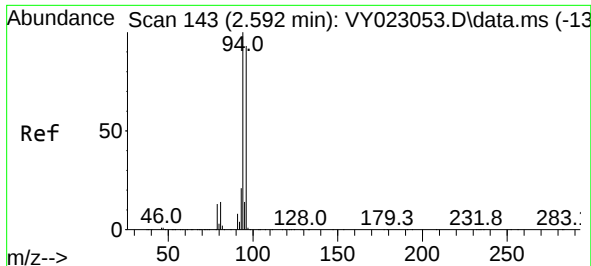
Tgt Ion: 50 Resp: 324765
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 49.850 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 62 Resp: 420089
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

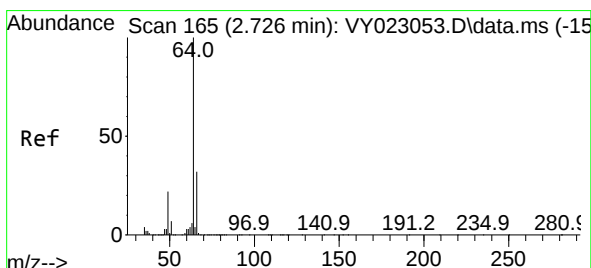
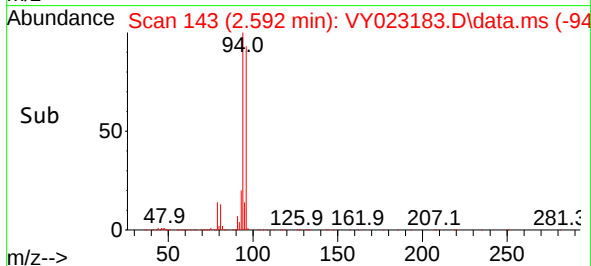
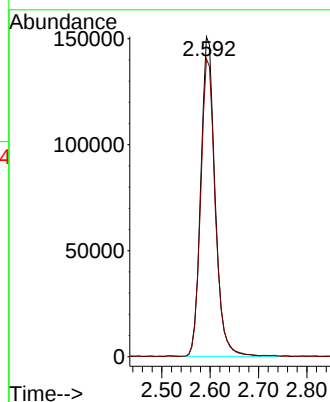
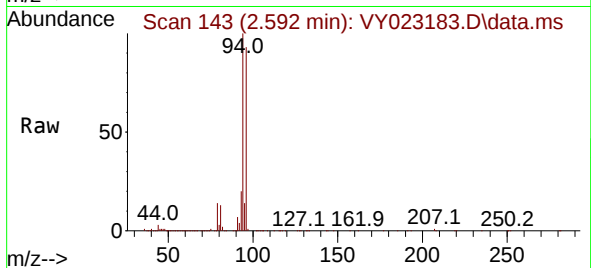




#5
Bromomethane
Concen: 49.101 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

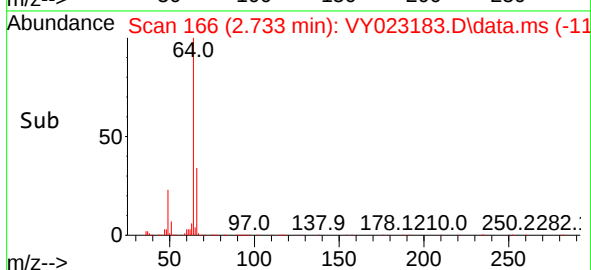
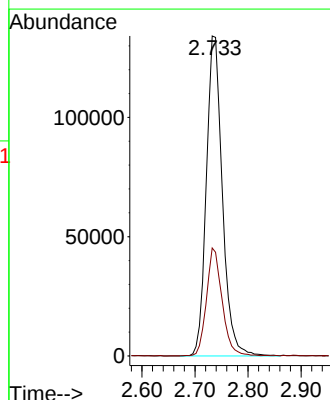
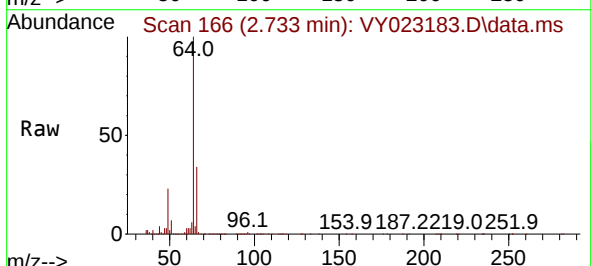
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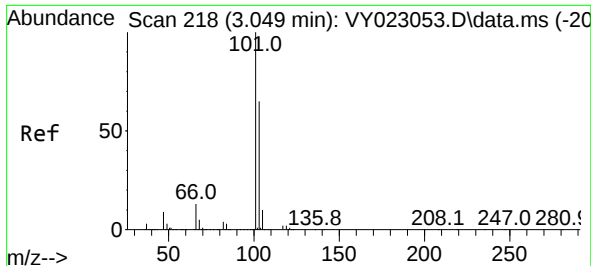
Tgt Ion: 94 Resp: 309020
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0



#6
Chloroethane
Concen: 50.349 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 64 Resp: 282082
Ion Ratio Lower Upper
64 100
66 33.7 25.8 38.6

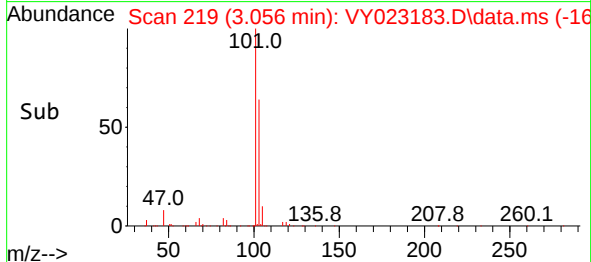
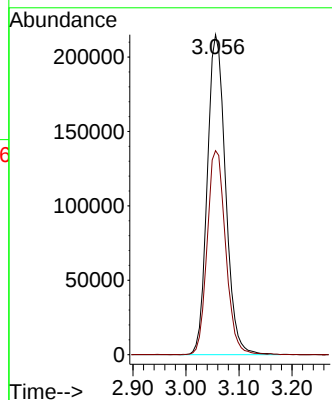
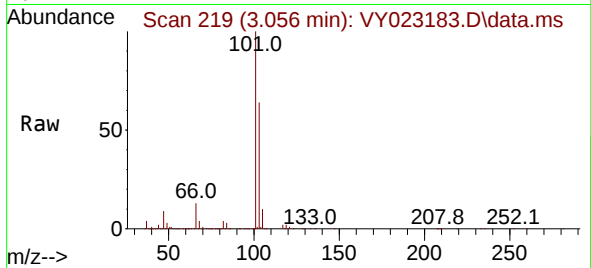




#7
Trichlorofluoromethane
Concen: 50.135 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023183.D
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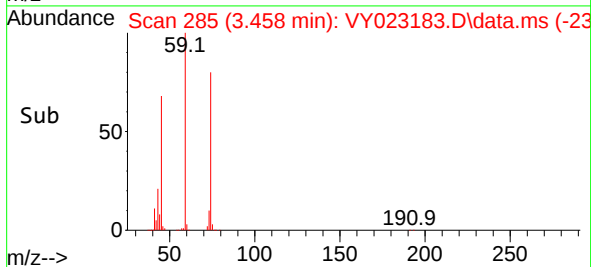
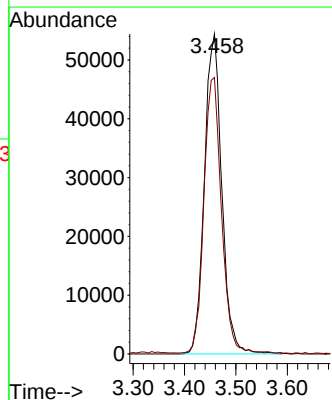
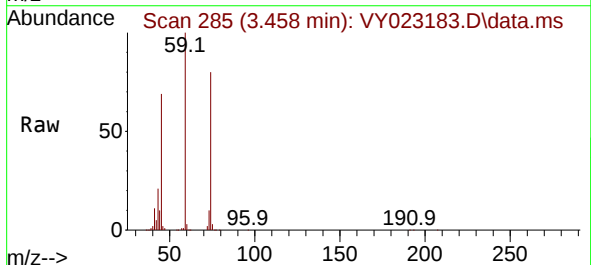
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 513724
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9



#8
Diethyl Ether
Concen: 47.147 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 74 Resp: 127816
Ion Ratio Lower Upper
74 100
45 86.4 44.4 133.2

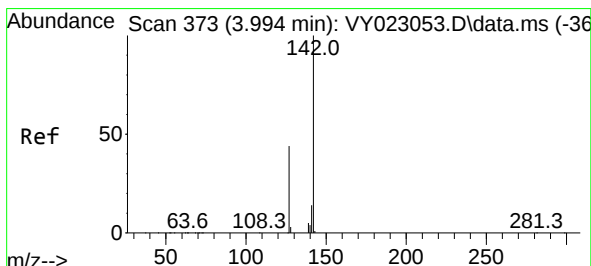
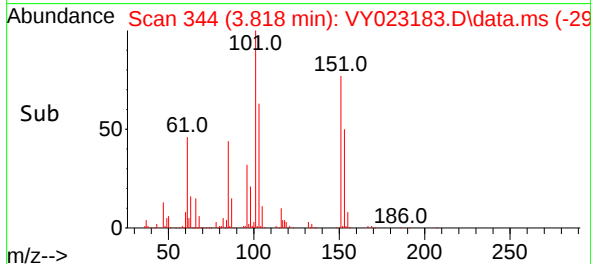
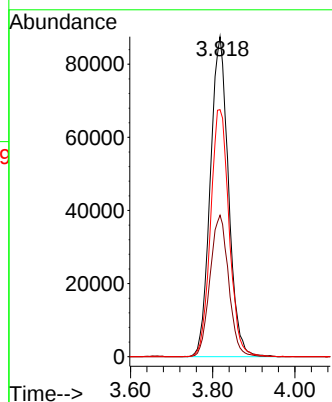
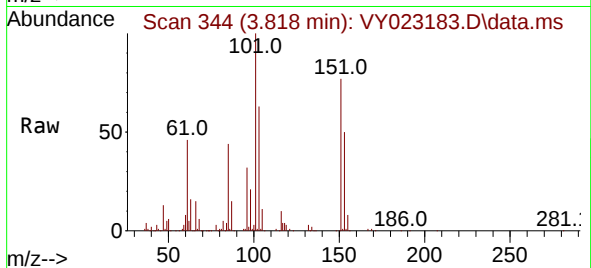




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.083 ug/l
RT: 3.818 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

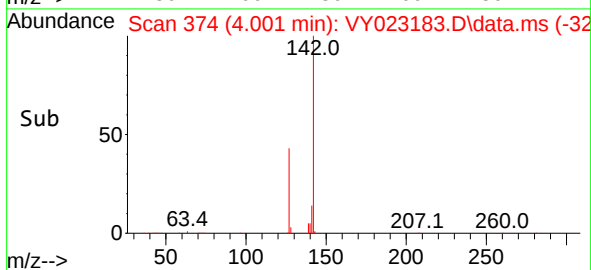
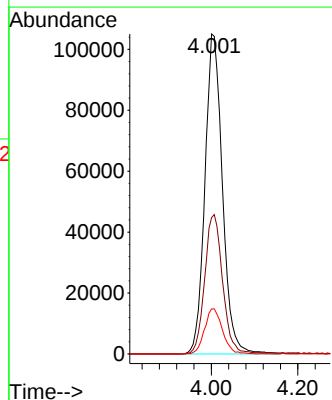
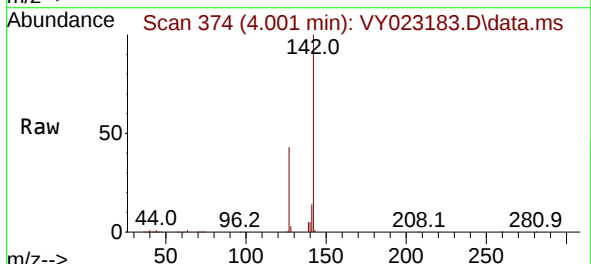
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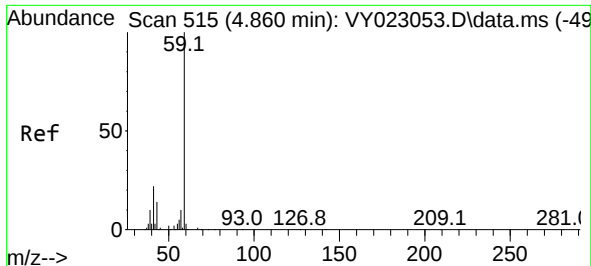
Tgt Ion:101 Resp: 268350
Ion Ratio Lower Upper
101 100
85 45.2 36.3 54.5
151 78.9 61.5 92.3



#10
Methyl Iodide
Concen: 54.140 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion:142 Resp: 295334
Ion Ratio Lower Upper
142 100
127 44.6 34.9 52.3
141 14.4 11.3 16.9

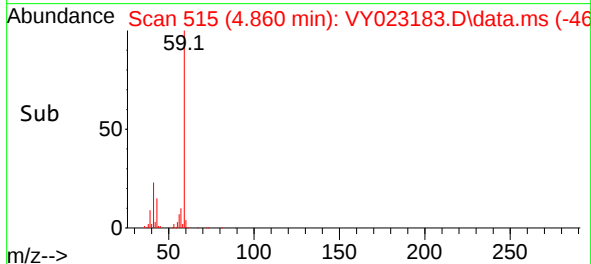
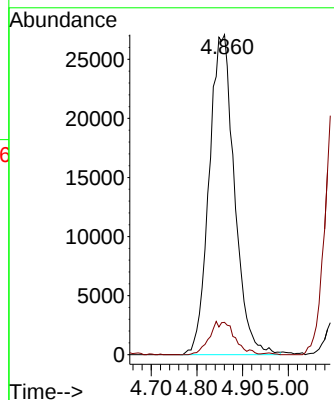
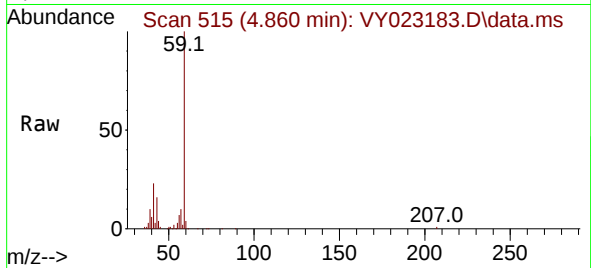




#11
Tert butyl alcohol
Concen: 309.528 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

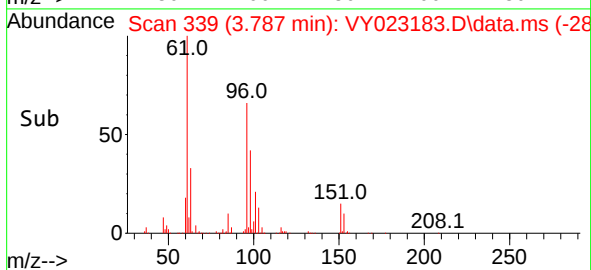
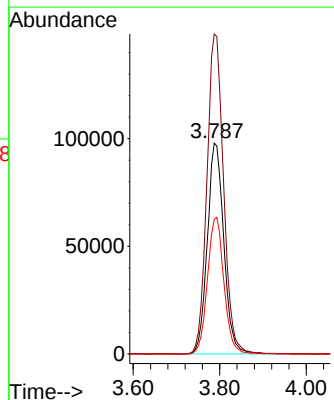
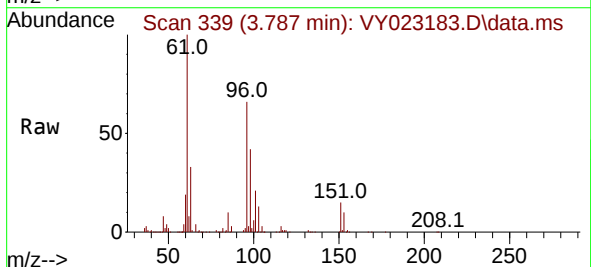
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 104229
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 52.217 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 96 Resp: 259466
Ion Ratio Lower Upper
96 100
61 151.8 129.4 194.2
98 63.9 52.8 79.2

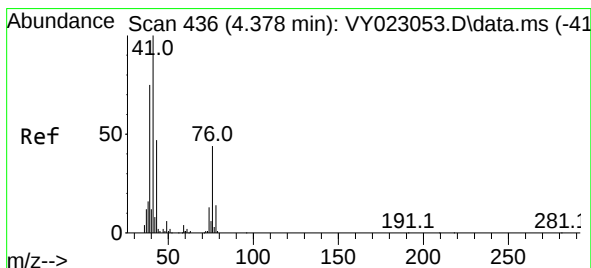
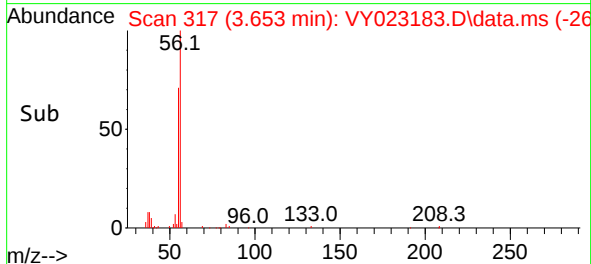
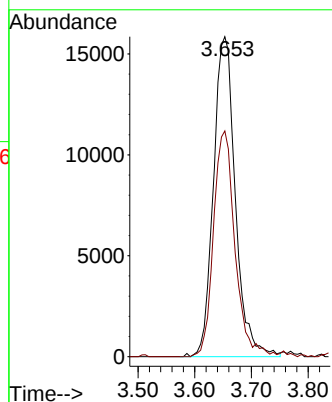
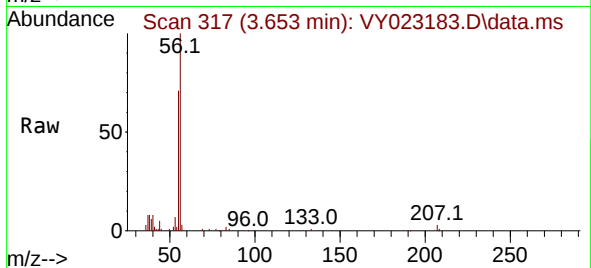




#13
Acrolein
Concen: 86.190 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

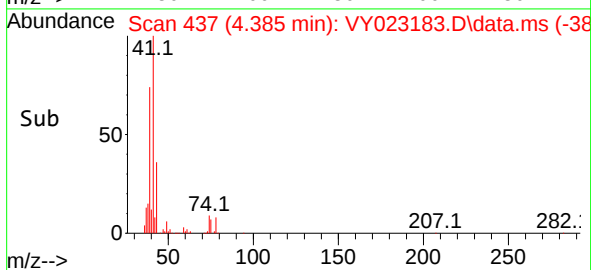
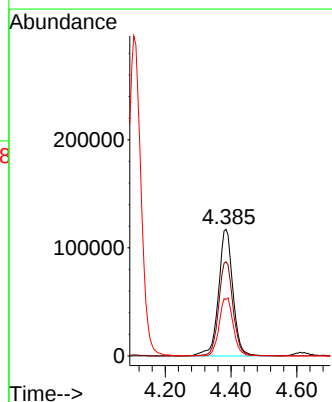
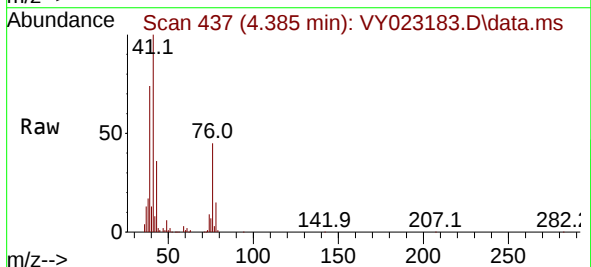
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

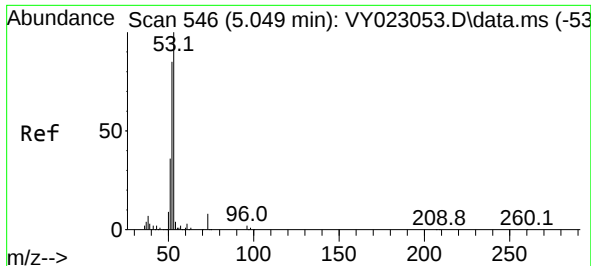
Tgt Ion: 56 Resp: 42505
Ion Ratio Lower Upper
56 100
55 69.2 55.2 82.8



#14
Allyl chloride
Concen: 48.589 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 41 Resp: 355263
Ion Ratio Lower Upper
41 100
39 74.2 59.8 89.6
76 44.4 33.7 50.5

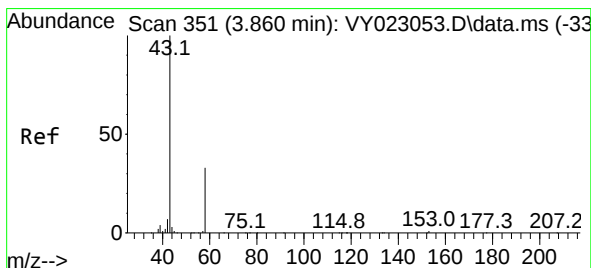
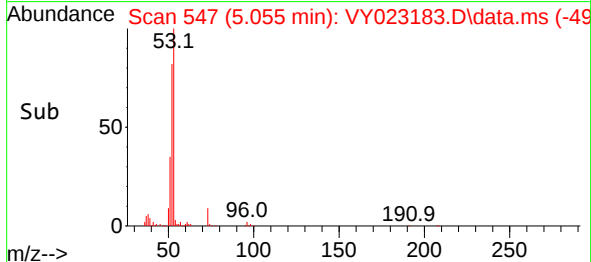
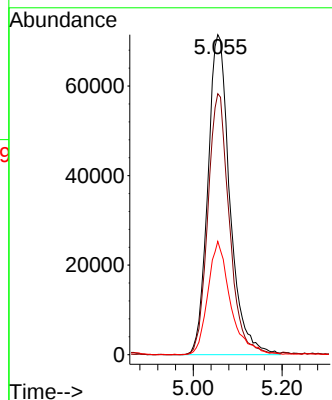
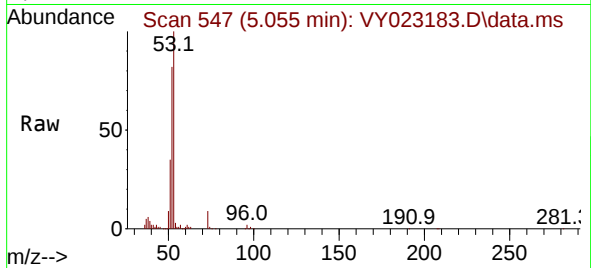




#15
Acrylonitrile
Concen: 223.275 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

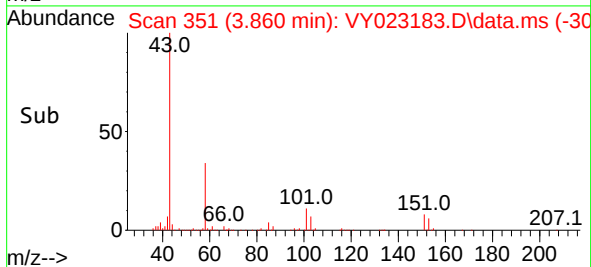
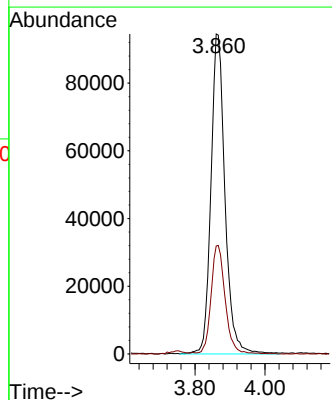
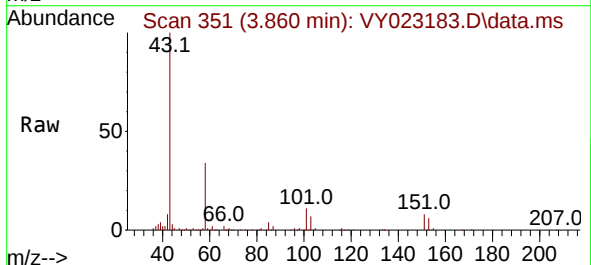
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

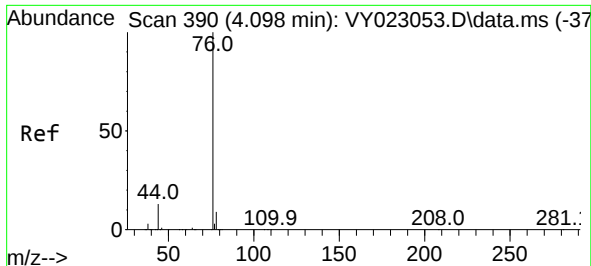
Tgt Ion: 53 Resp: 246083
Ion Ratio Lower Upper
53 100
52 79.8 65.3 97.9
51 36.4 29.5 44.3



#16
Acetone
Concen: 247.942 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 43 Resp: 263983
Ion Ratio Lower Upper
43 100
58 33.7 27.1 40.7

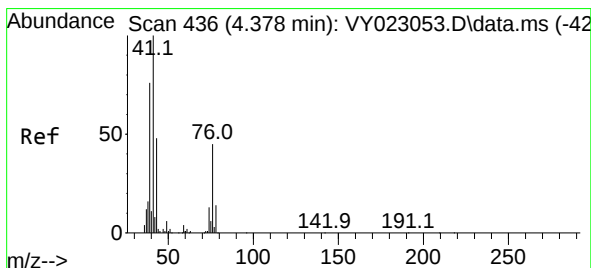
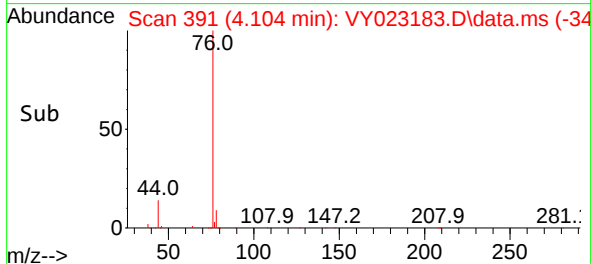
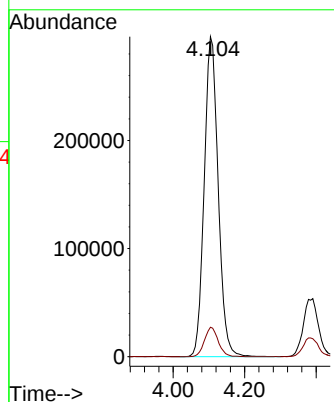
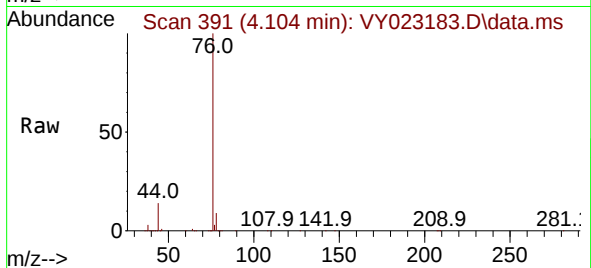




#17
Carbon Disulfide
Concen: 49.479 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

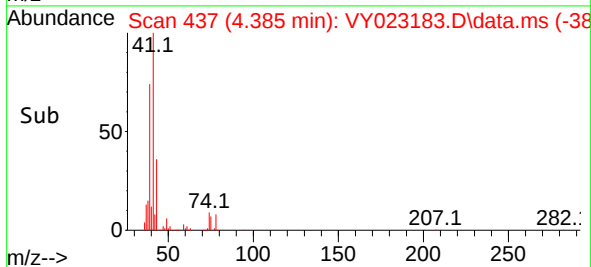
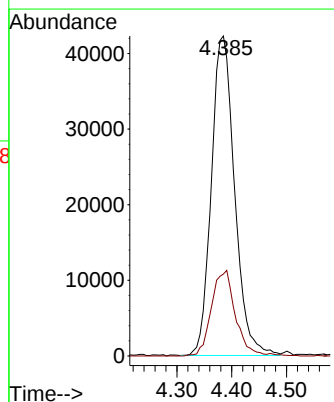
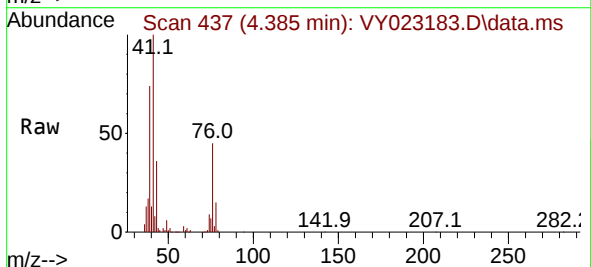
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

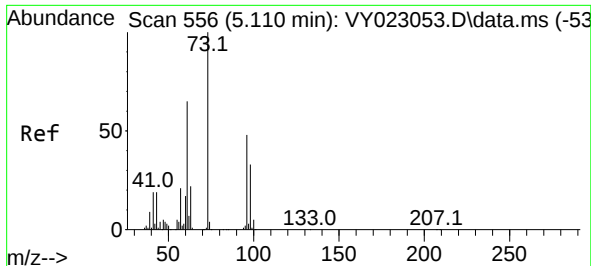
Tgt Ion: 76 Resp: 801656
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 39.270 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 43 Resp: 124421
Ion Ratio Lower Upper
43 100
74 27.3 21.2 31.8

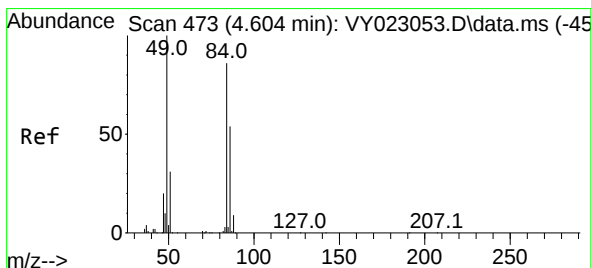
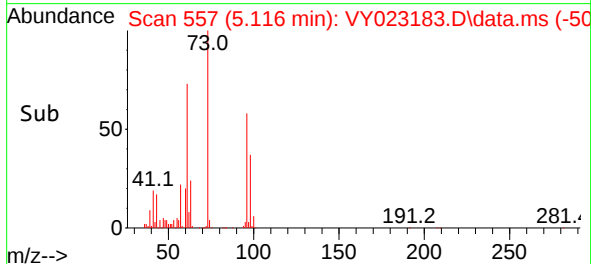
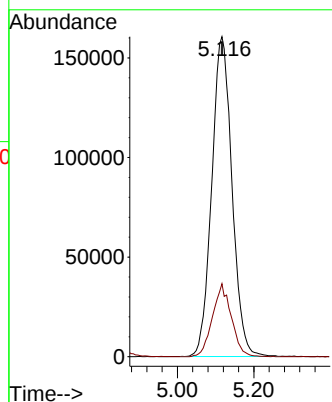
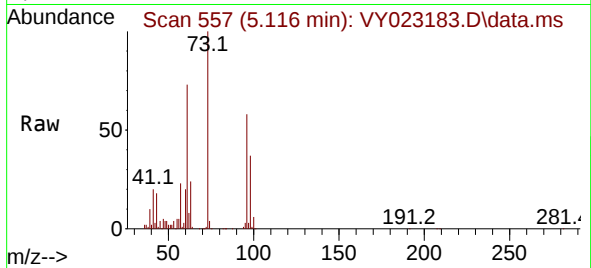




#19
Methyl tert-butyl Ether
Concen: 45.876 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

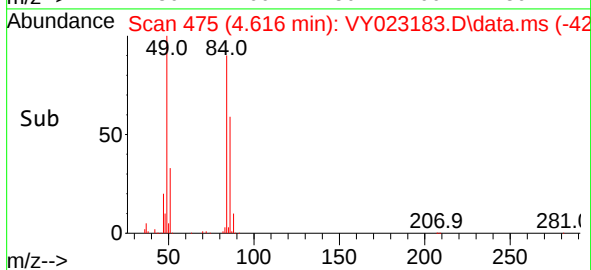
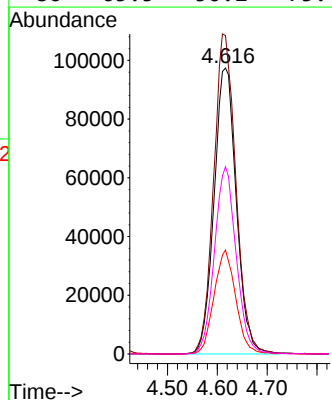
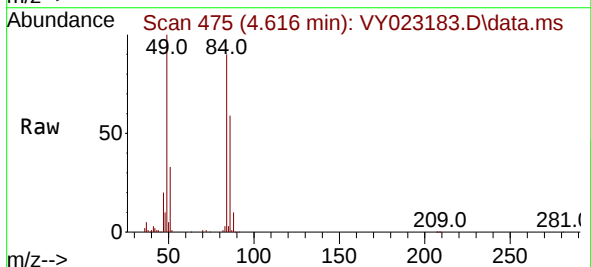
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

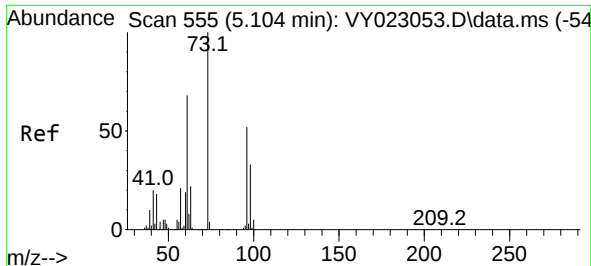
Tgt Ion: 73 Resp: 590712
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 54.986 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 84 Resp: 302708
Ion Ratio Lower Upper
84 100
49 111.3 93.0 139.6
51 36.4 29.0 43.4
86 65.5 50.2 75.4

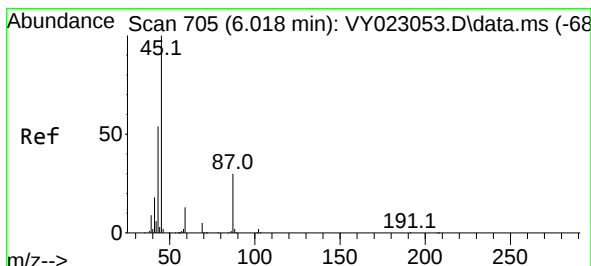
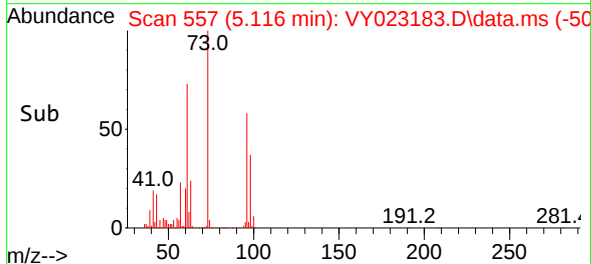
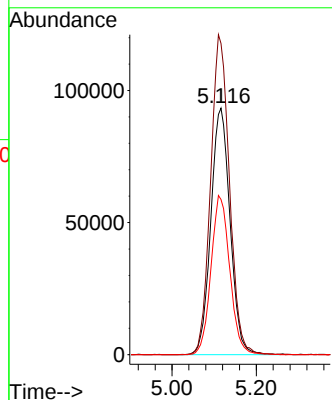
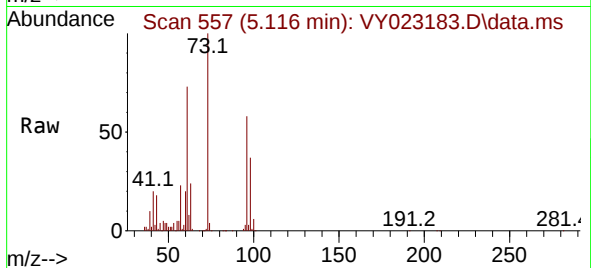




#21
trans-1,2-Dichloroethene
Concen: 52.973 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

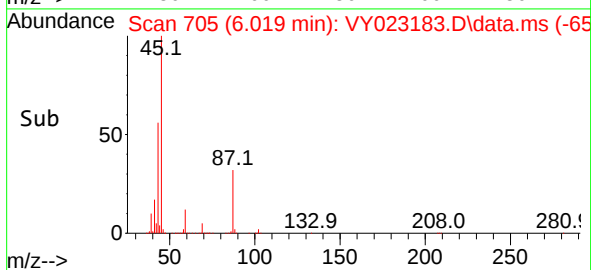
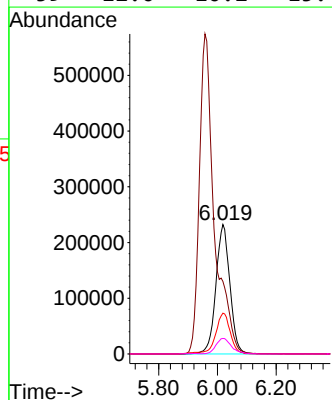
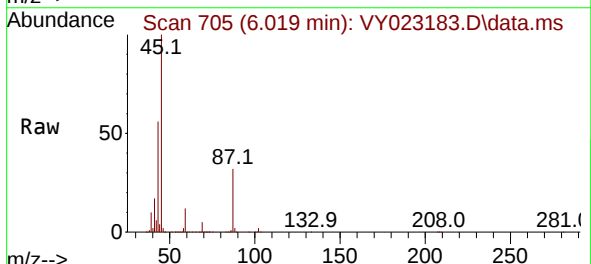
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

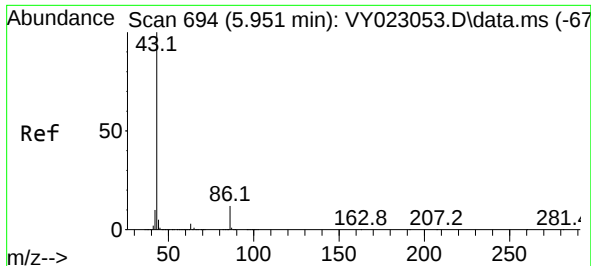
Tgt Ion: 96 Resp: 295810
Ion Ratio Lower Upper
96 100
61 126.1 104.8 157.2
98 62.9 50.1 75.1



#22
Diisopropyl ether
Concen: 48.302 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 45 Resp: 767424
Ion Ratio Lower Upper
45 100
43 56.0 43.4 65.0
87 31.6 24.4 36.6
59 12.0 10.2 15.4

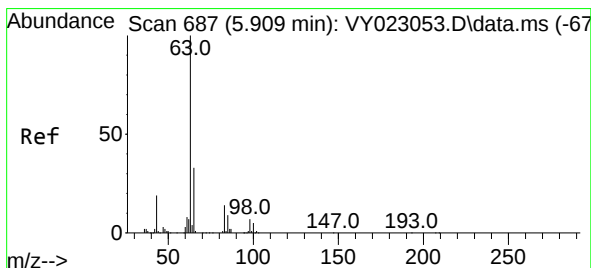
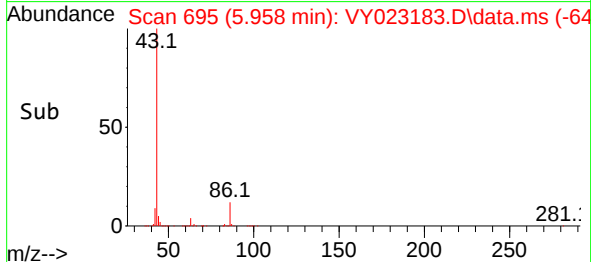
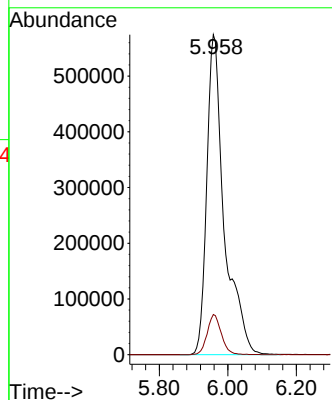
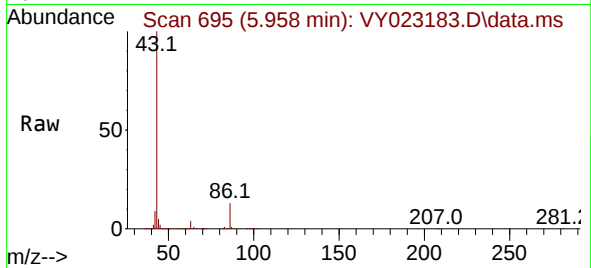




#23
 Vinyl Acetate
 Concen: 231.851 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023183.D
 Acq: 22 Aug 2025 10:46

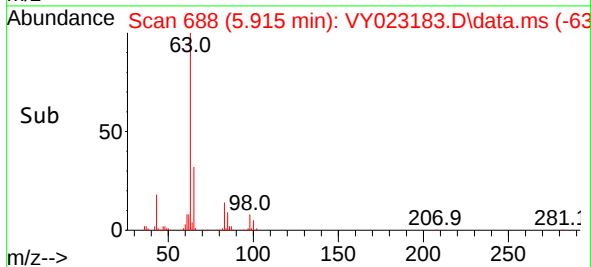
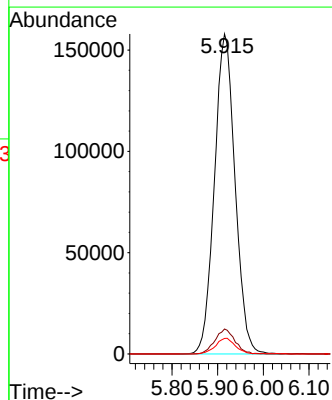
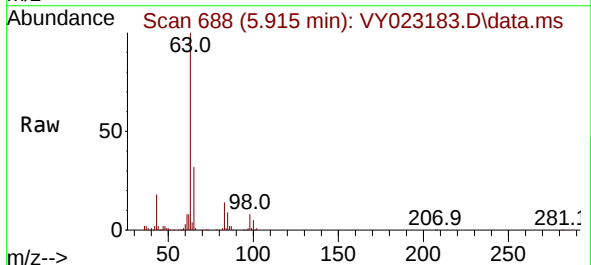
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

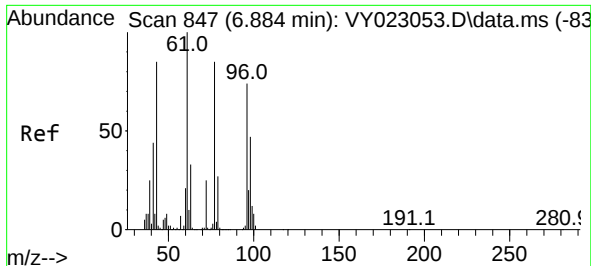
Tgt Ion: 43 Resp: 2036885
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 50.987 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023183.D
 Acq: 22 Aug 2025 10:46

Tgt Ion: 63 Resp: 495276
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 220.669 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

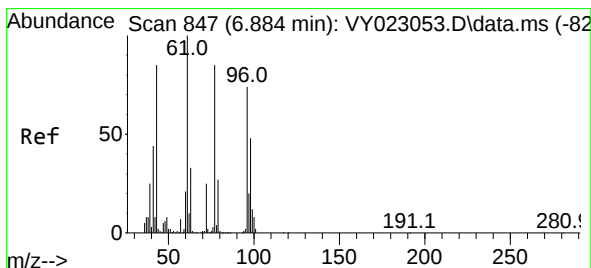
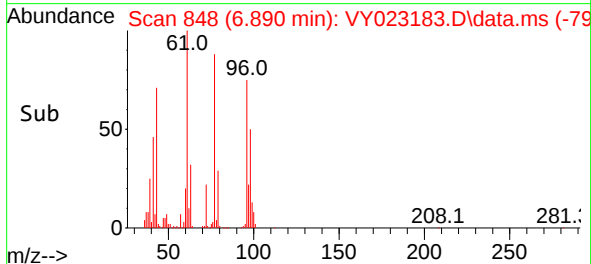
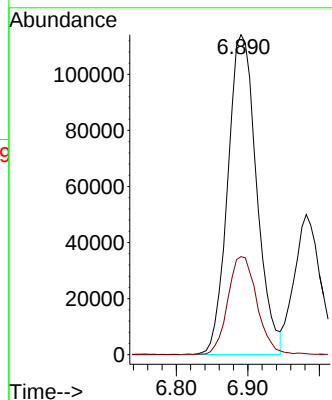
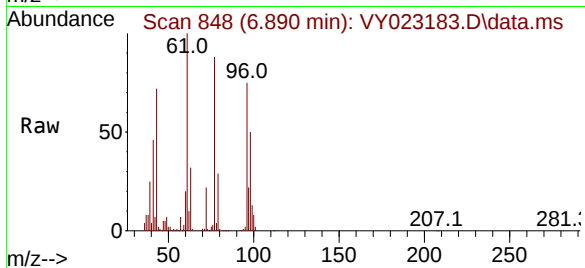
VSTDCCC050

Tgt Ion: 43 Resp: 319535

Ion Ratio Lower Upper

43 100

72 30.7 23.5 35.3



#26

2,2-Dichloropropane

Concen: 53.702 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023183.D

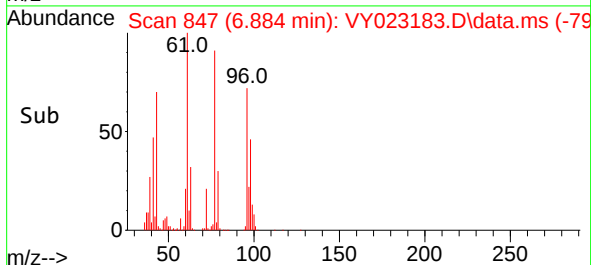
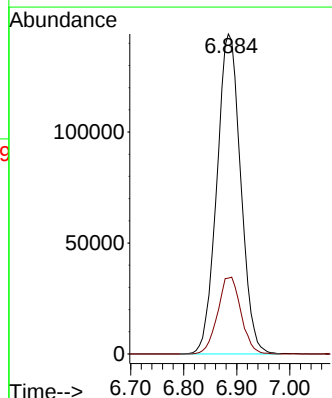
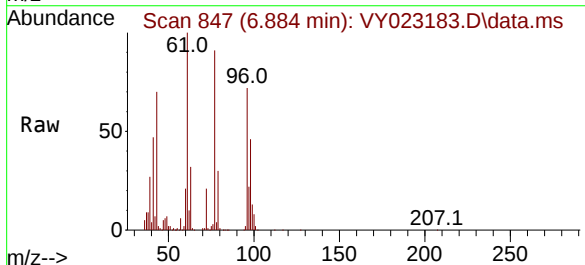
Acq: 22 Aug 2025 10:46

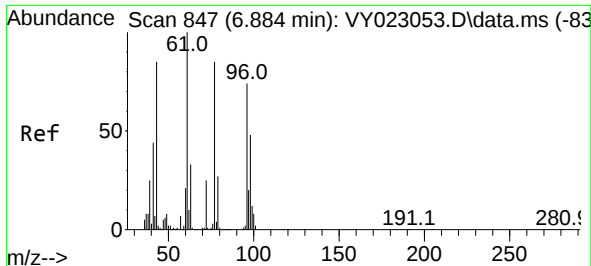
Tgt Ion: 77 Resp: 450117

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.796 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

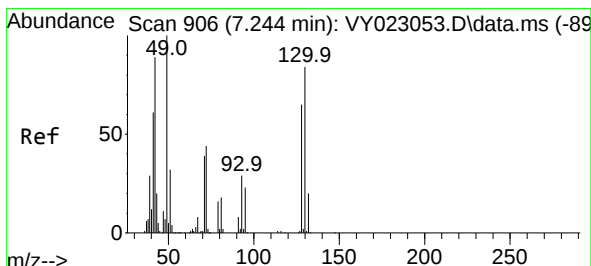
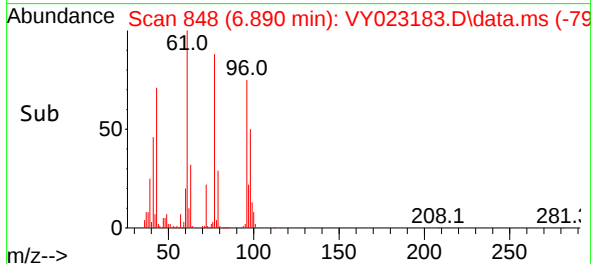
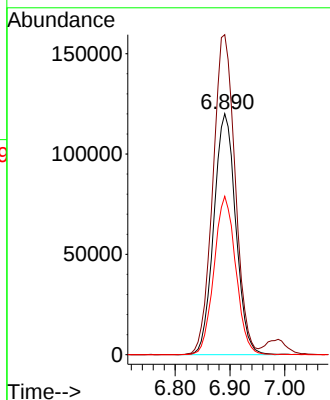
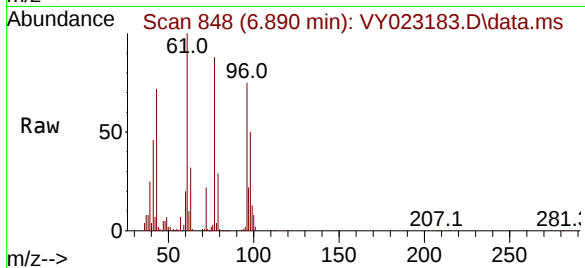
Tgt Ion: 96 Resp: 334371

Ion Ratio Lower Upper

96 100

61 134.9 0.0 278.6

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 43.334 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

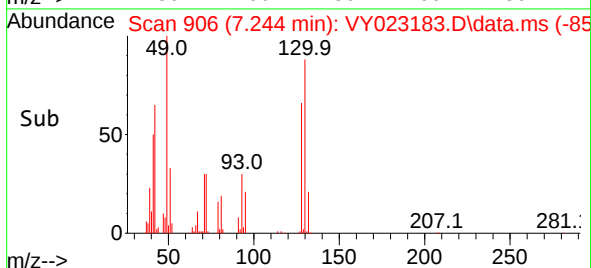
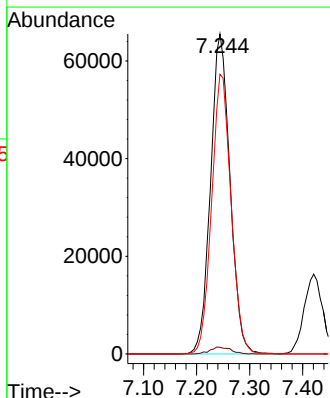
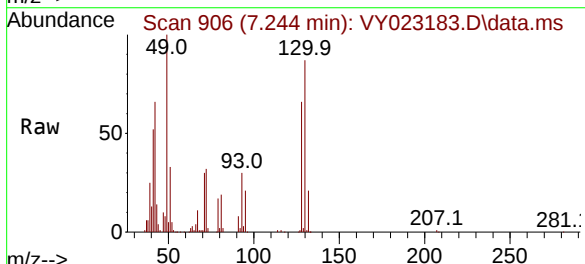
Tgt Ion: 49 Resp: 167003

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 87.2 66.4 99.6





#29

Tetrahydrofuran

Concen: 207.210 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

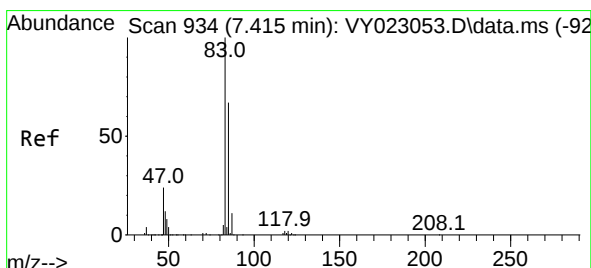
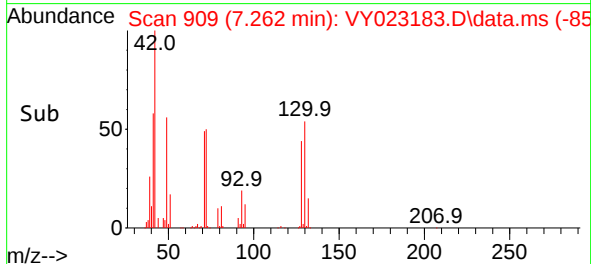
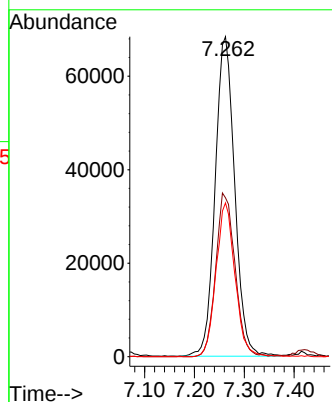
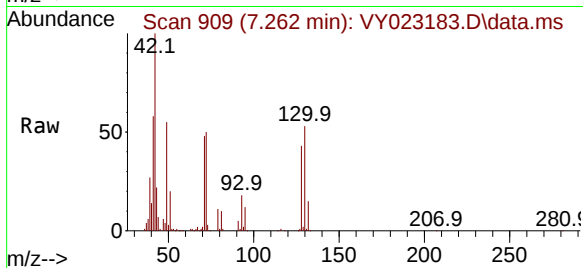
Tgt Ion: 42 Resp: 185986

Ion Ratio Lower Upper

42 100

72 50.7 39.4 59.2

71 46.9 36.5 54.7



#30

Chloroform

Concen: 51.238 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023183.D

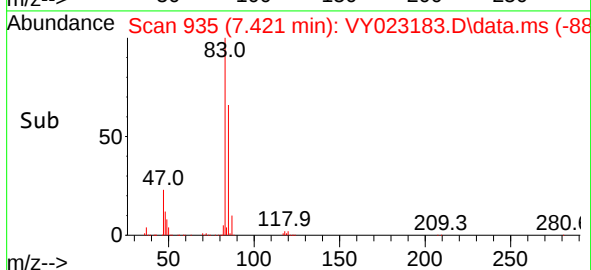
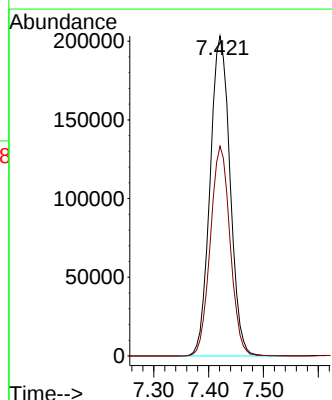
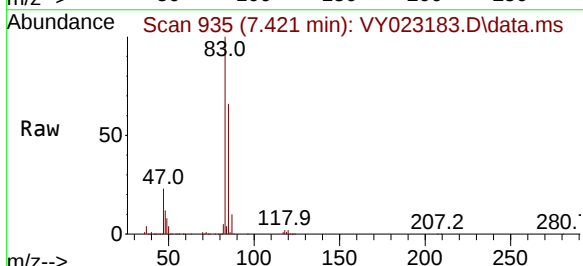
Acq: 22 Aug 2025 10:46

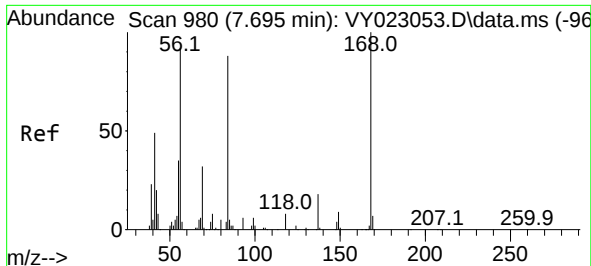
Tgt Ion: 83 Resp: 513310

Ion Ratio Lower Upper

83 100

85 65.5 53.8 80.8

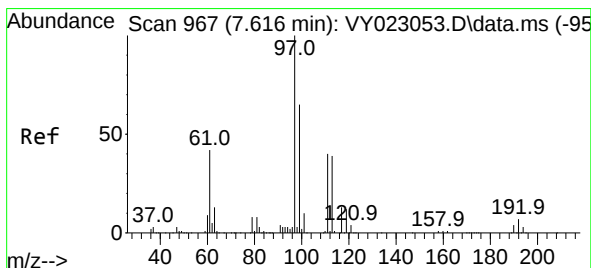
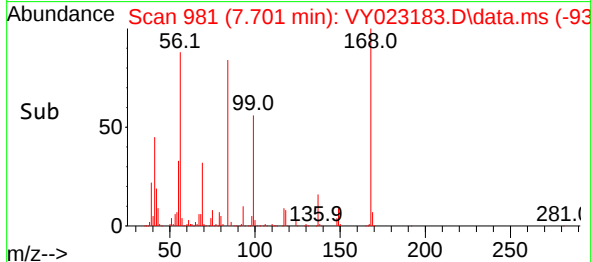
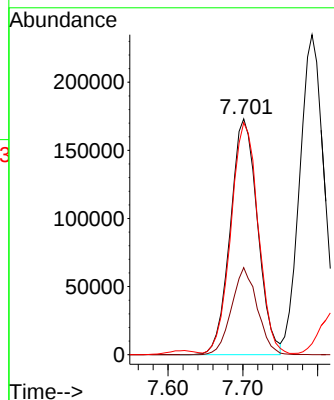
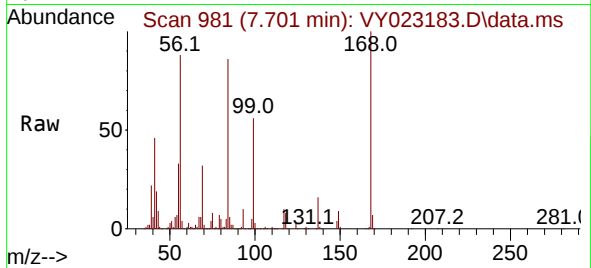




#31
Cyclohexane
Concen: 48.010 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

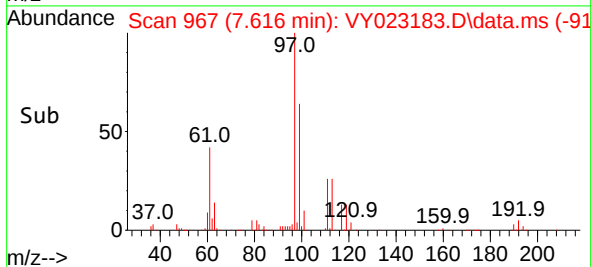
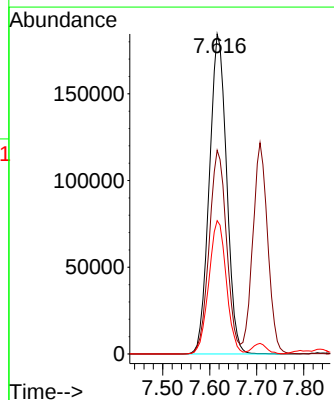
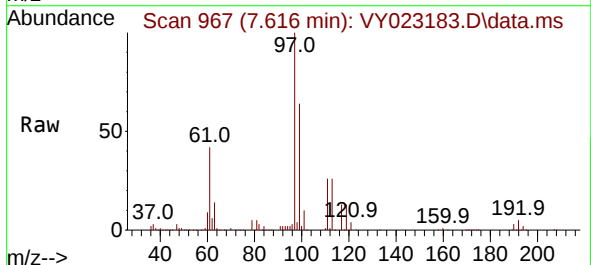
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 439474
Ion Ratio Lower Upper
56 100
69 36.9 28.2 42.2
84 96.8 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 53.024 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 97 Resp: 471339
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 42.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 41.994 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

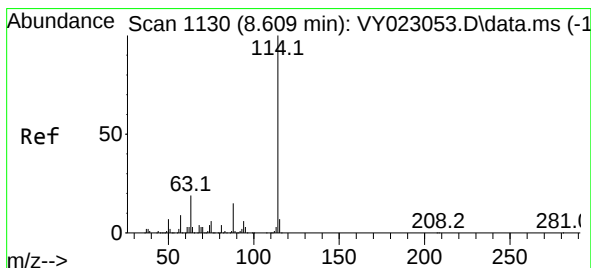
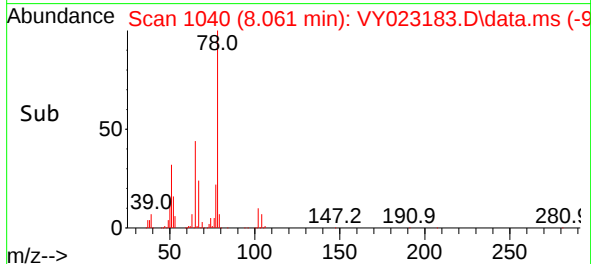
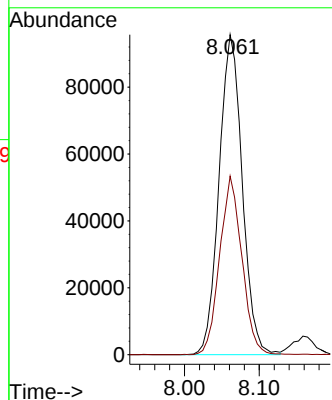
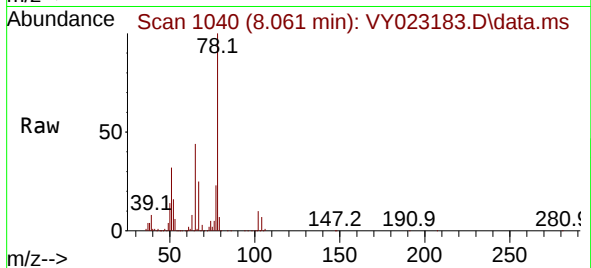
VSTDCCC050

Tgt Ion: 65 Resp: 206377

Ion Ratio Lower Upper

65 100

67 53.5 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: VY023183.D

Acq: 22 Aug 2025 10:46

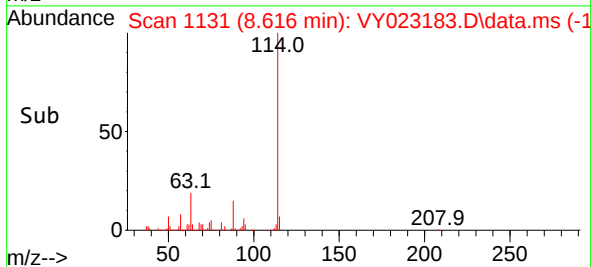
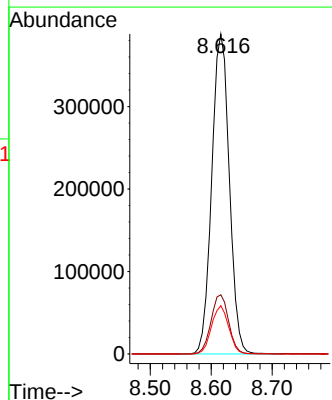
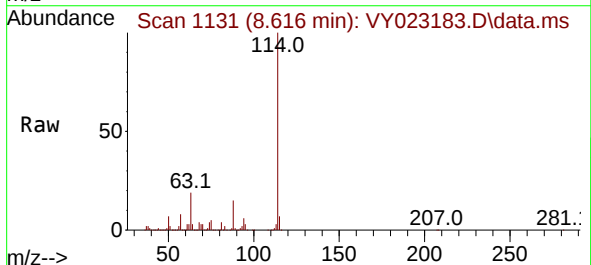
Tgt Ion: 114 Resp: 776447

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.1 0.0 30.0

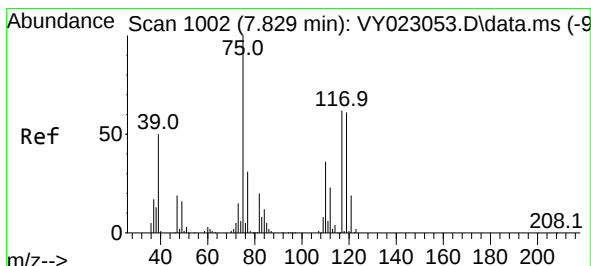
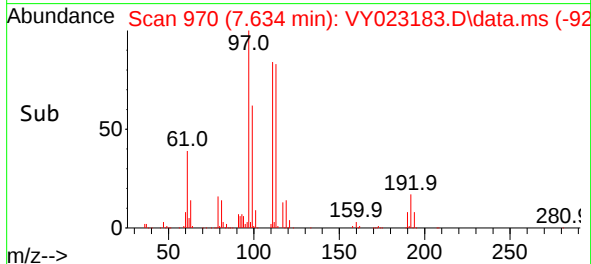
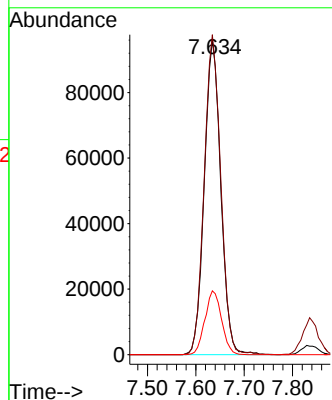
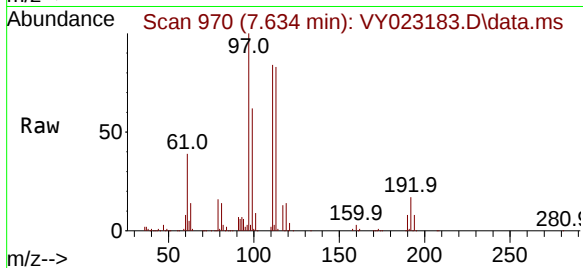




#35
Dibromofluoromethane
Concen: 48.855 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

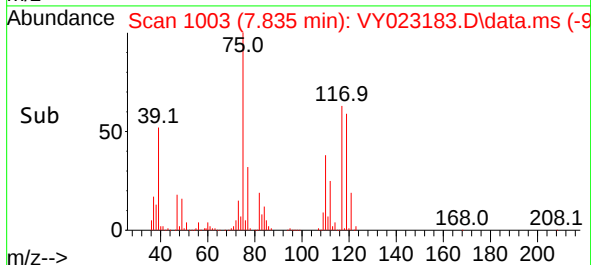
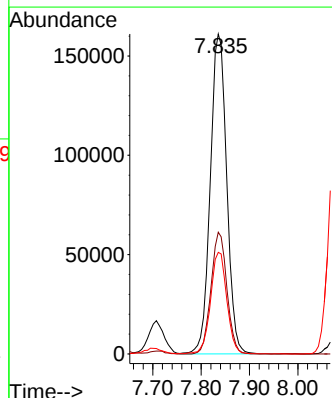
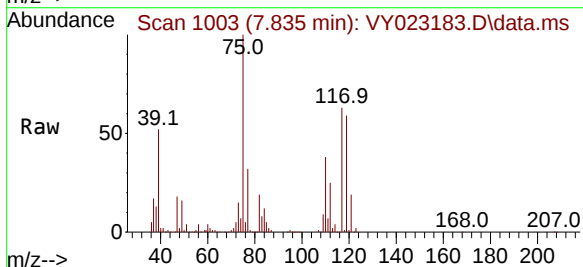
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

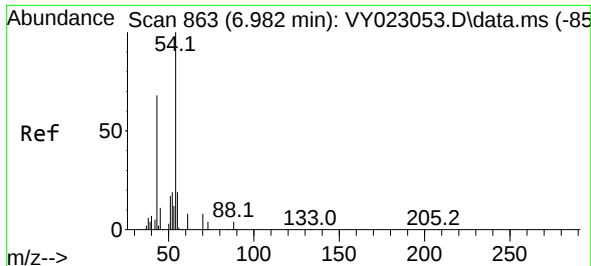
Tgt Ion:113 Resp: 226981
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 20.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 55.003 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 75 Resp: 379774
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 45.063 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

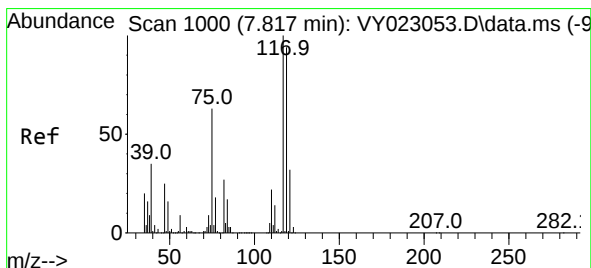
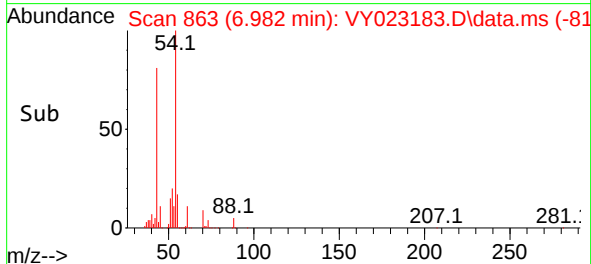
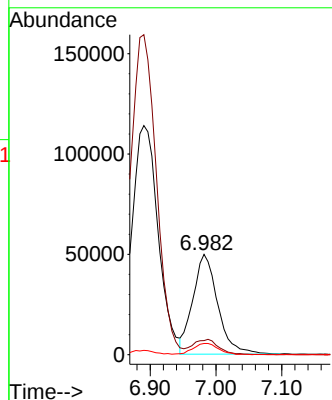
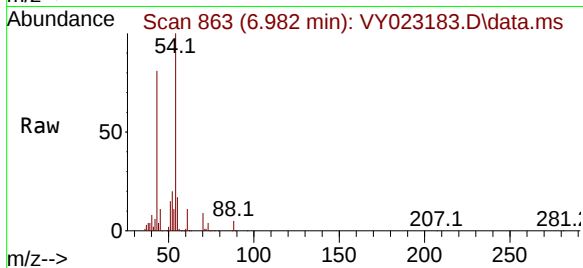
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 130702

Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.9	17.9
70	11.7	8.8	13.2



#38

Carbon Tetrachloride

Concen: 56.685 ug/l

RT: 7.817 min Scan# 1000

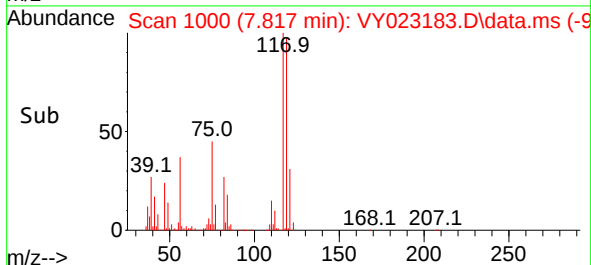
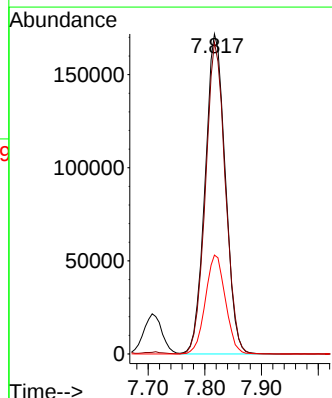
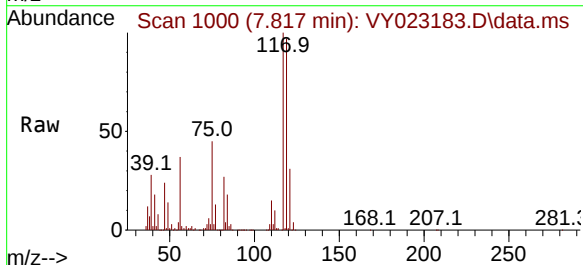
Delta R.T. 0.000 min

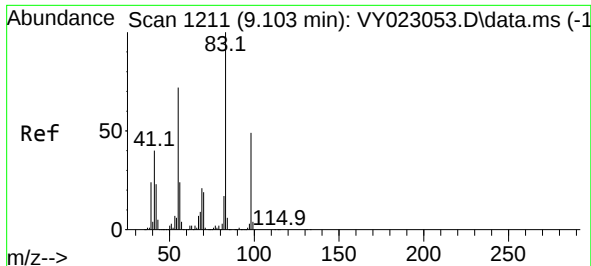
Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Tgt Ion: 117 Resp: 425100

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.6	113.4
121	30.9	25.8	38.8





#39

Methylcyclohexane

Concen: 56.052 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

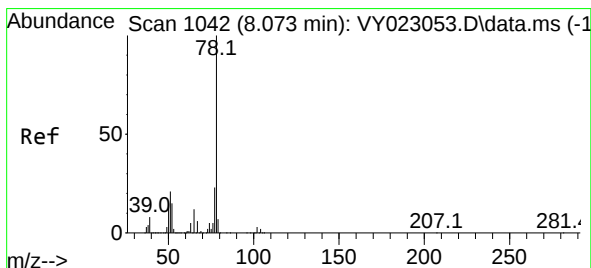
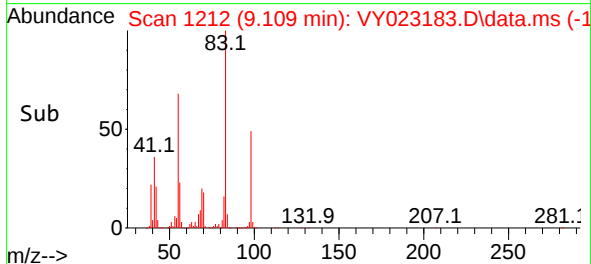
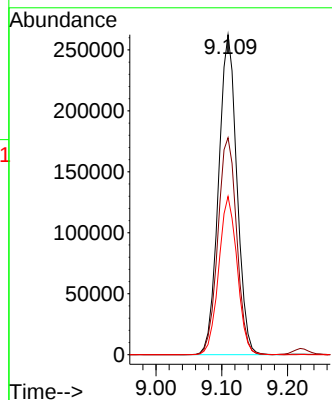
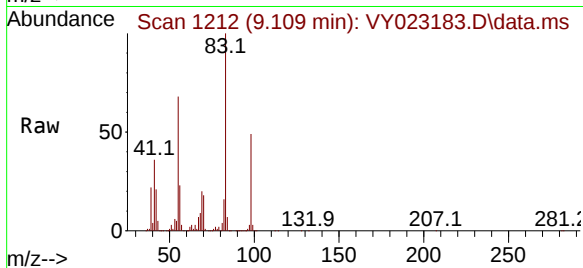
Tgt Ion: 83 Resp: 509648

Ion Ratio Lower Upper

83 100

55 67.8 57.6 86.4

98 49.5 39.2 58.8



#40

Benzene

Concen: 54.582 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023183.D

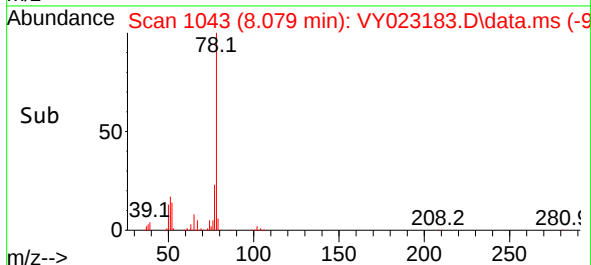
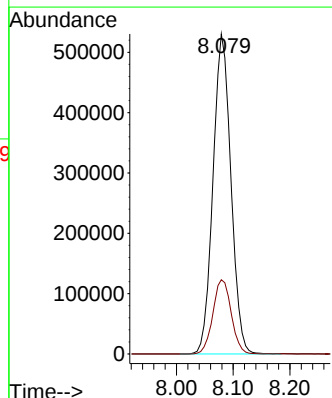
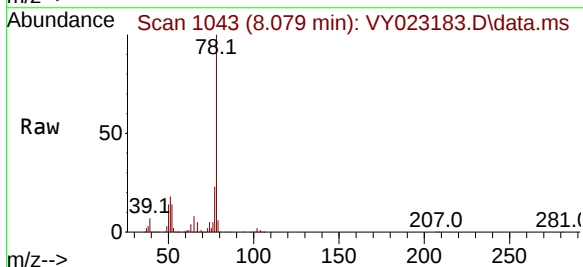
Acq: 22 Aug 2025 10:46

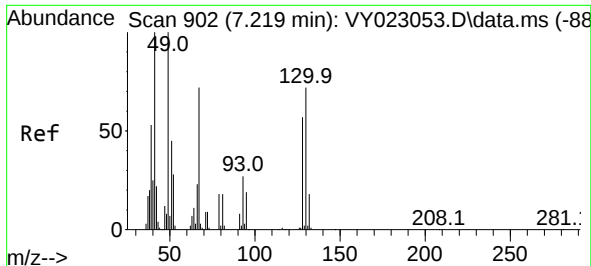
Tgt Ion: 78 Resp: 1161551

Ion Ratio Lower Upper

78 100

77 23.2 18.6 28.0

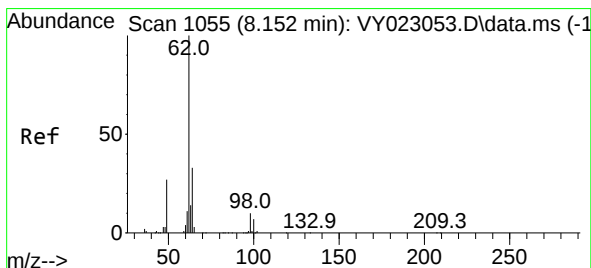
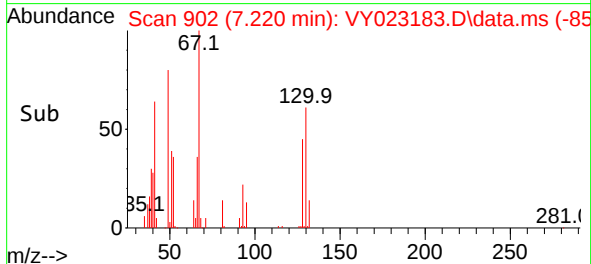
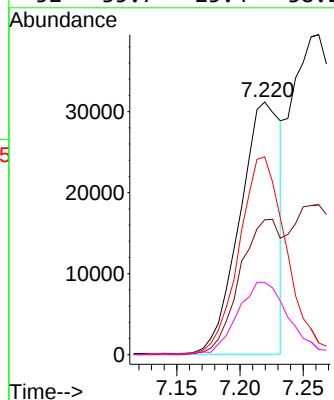
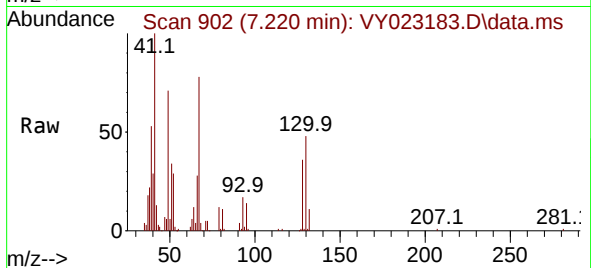




#41
Methacrylonitrile
Concen: 41.548 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

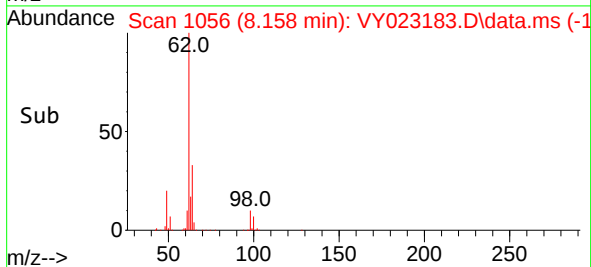
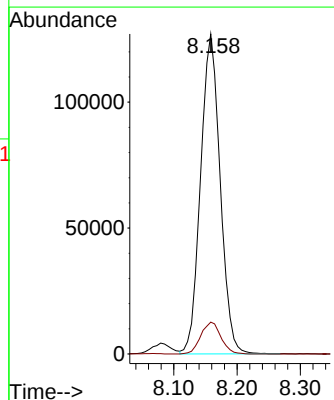
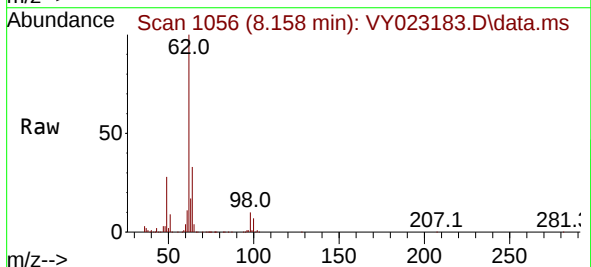
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 69548
Ion Ratio Lower Upper
41 100
39 54.1 43.4 65.2
67 92.0 63.6 95.4
52 35.7 25.4 38.2



#42
1,2-Dichloroethane
Concen: 49.438 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 62 Resp: 273626
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6

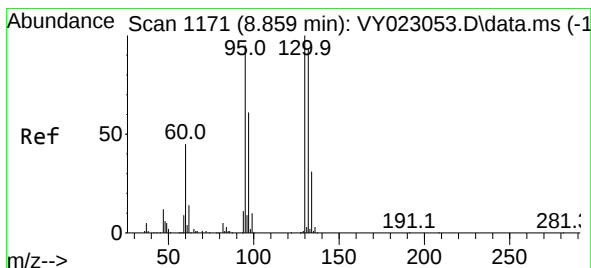
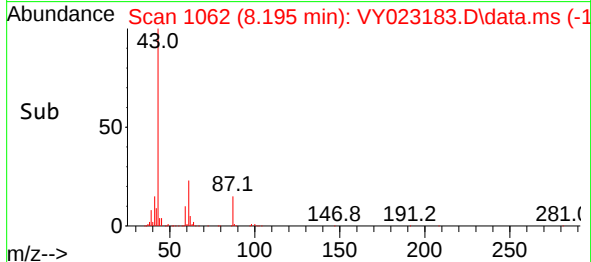
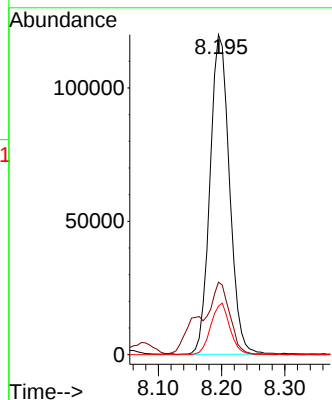
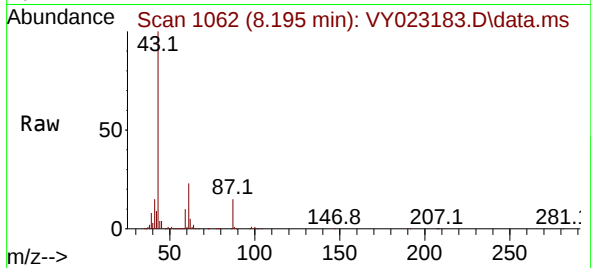




#43
Isopropyl Acetate
Concen: 43.762 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

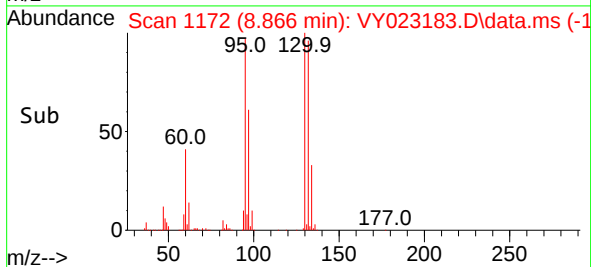
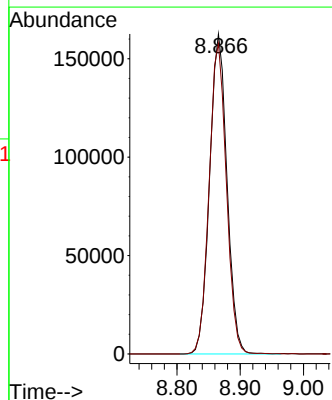
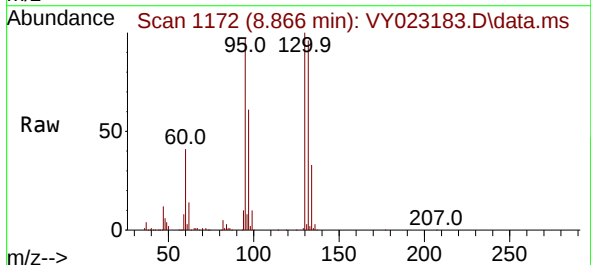
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 256544
Ion Ratio Lower Upper
43 100
61 23.1 16.4 24.6
87 15.8 11.8 17.6



#44
Trichloroethene
Concen: 56.595 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion:130 Resp: 311248
Ion Ratio Lower Upper
130 100
95 97.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 52.994 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

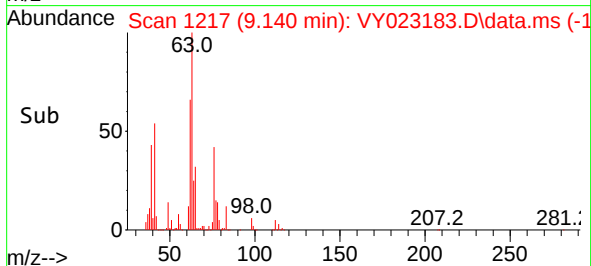
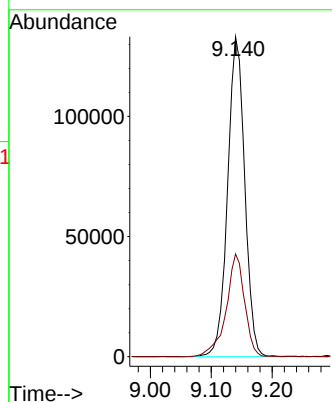
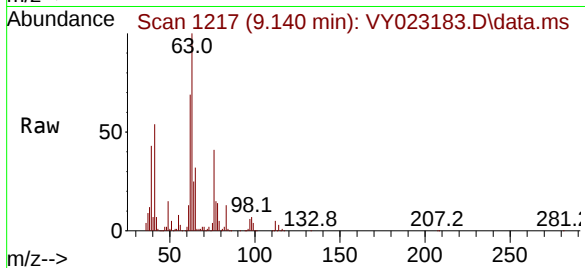
VSTDCCC050

Tgt Ion: 63 Resp: 259489

Ion Ratio Lower Upper

63 100

65 32.1 25.3 37.9



#46

Dibromomethane

Concen: 50.687 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

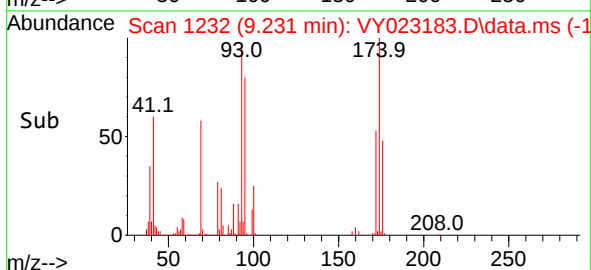
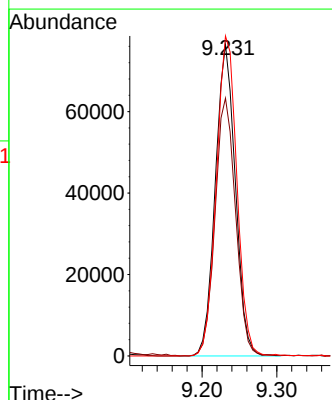
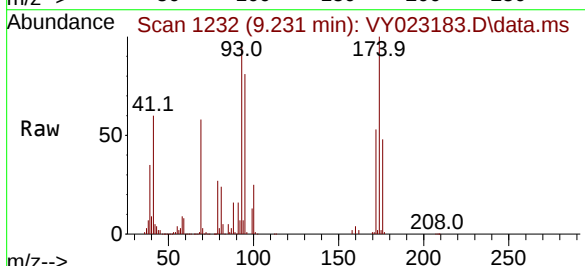
Tgt Ion: 93 Resp: 142453

Ion Ratio Lower Upper

93 100

95 84.9 66.5 99.7

174 105.1 81.8 122.8

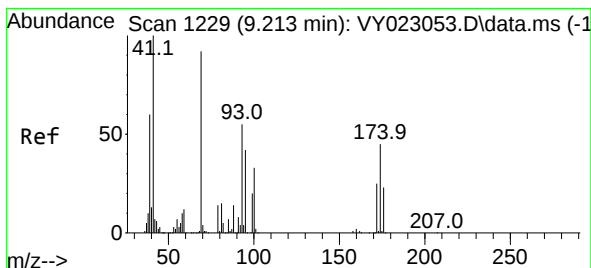
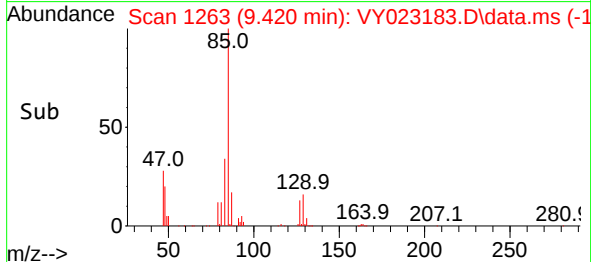
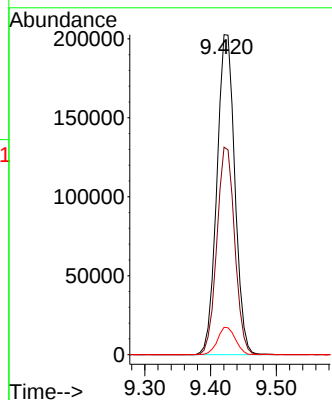
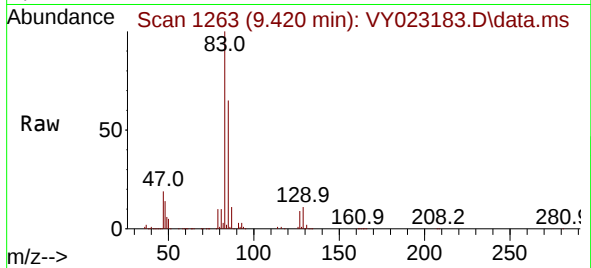




#47
Bromodichloromethane
Concen: 53.192 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

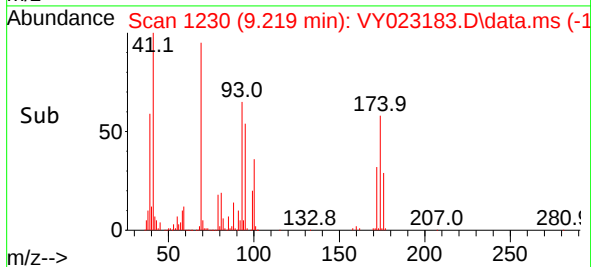
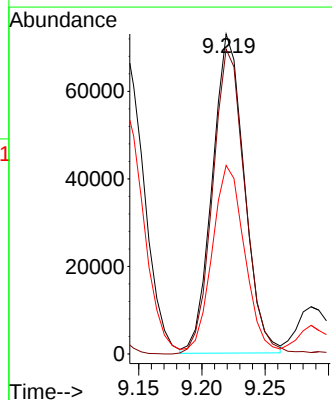
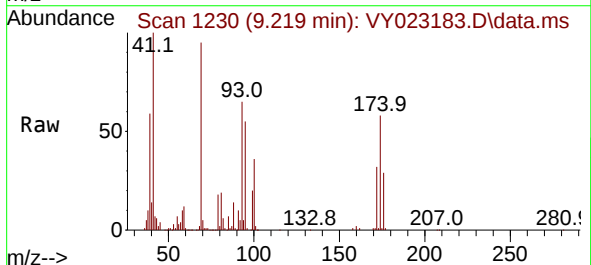
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 384667
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 45.702 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 41 Resp: 128203
Ion Ratio Lower Upper
41 100
69 97.0 73.2 109.8
39 57.2 47.0 70.4





#49

1,4-Dioxane

Concen: 905.970 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

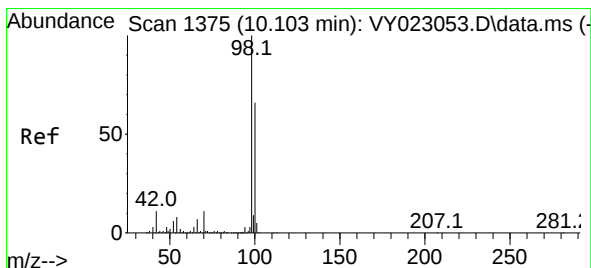
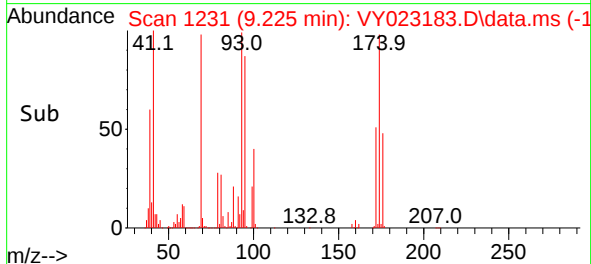
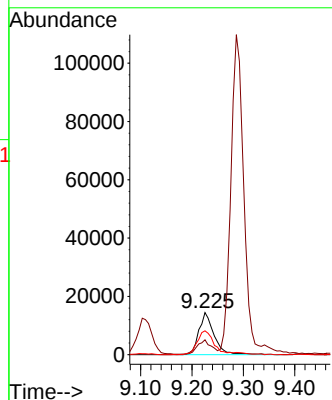
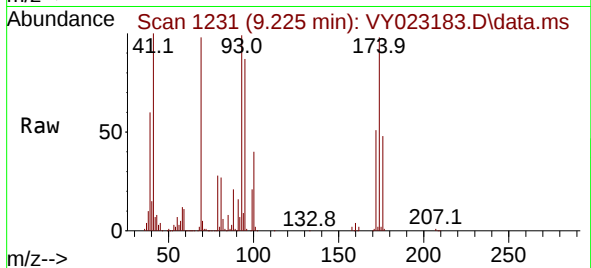
Tgt Ion: 88 Resp: 29855

Ion Ratio Lower Upper

88 100

43 30.7 24.3 36.5

58 61.7 55.4 83.0



#50

Toluene-d8

Concen: 49.232 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023183.D

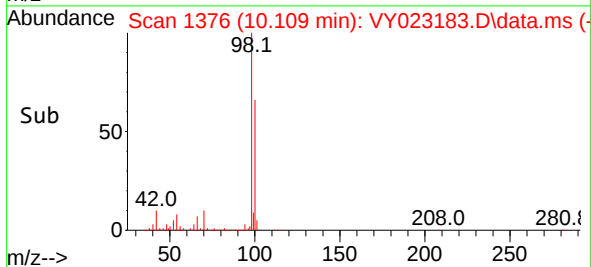
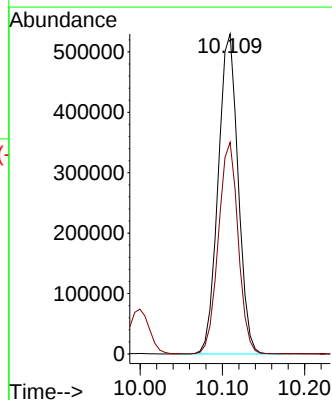
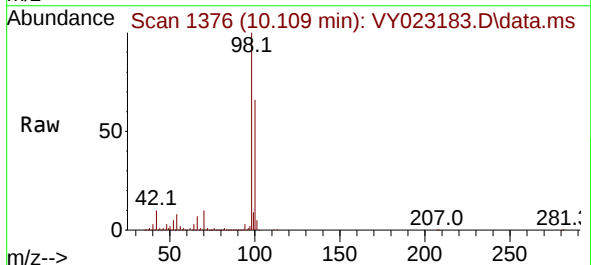
Acq: 22 Aug 2025 10:46

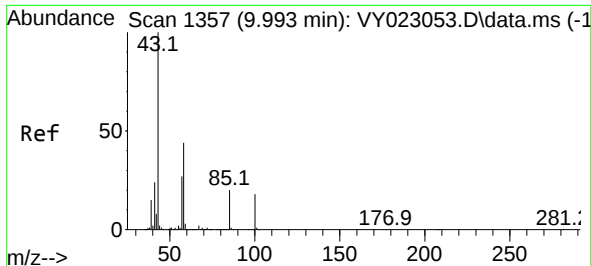
Tgt Ion: 98 Resp: 893571

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 224.239 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

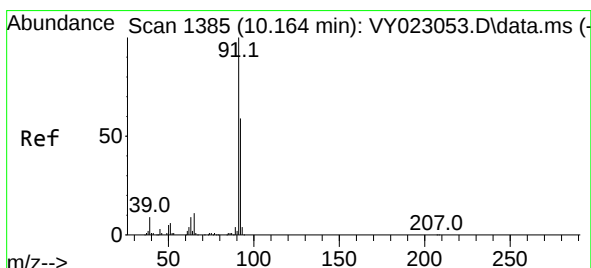
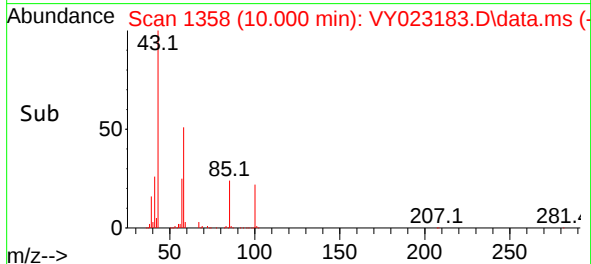
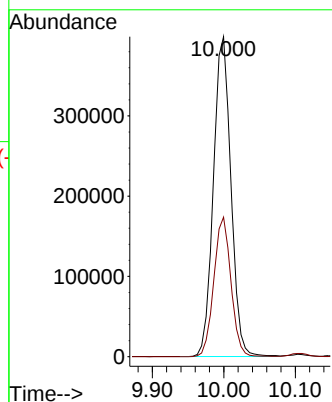
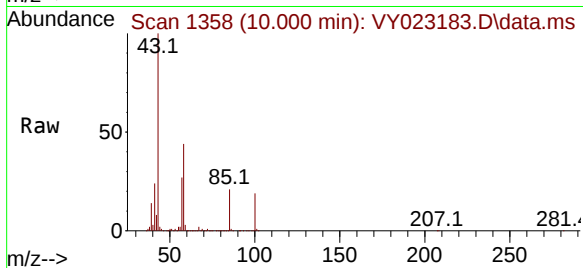
VSTDCCC050

Tgt Ion: 43 Resp: 678079

Ion Ratio Lower Upper

43 100

58 42.7 33.5 50.3



#52

Toluene

Concen: 54.842 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023183.D

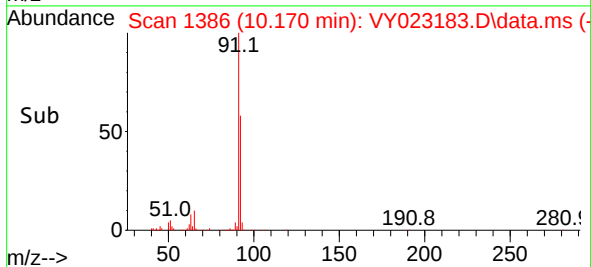
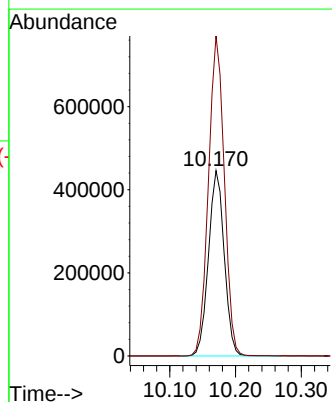
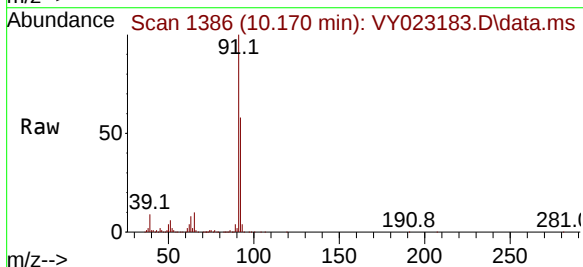
Acq: 22 Aug 2025 10:46

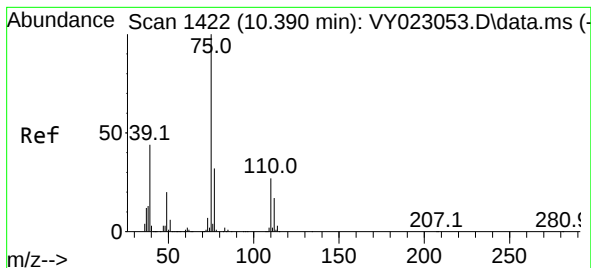
Tgt Ion: 92 Resp: 741247

Ion Ratio Lower Upper

92 100

91 174.5 136.4 204.6

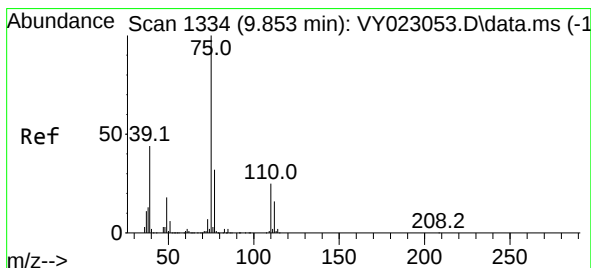
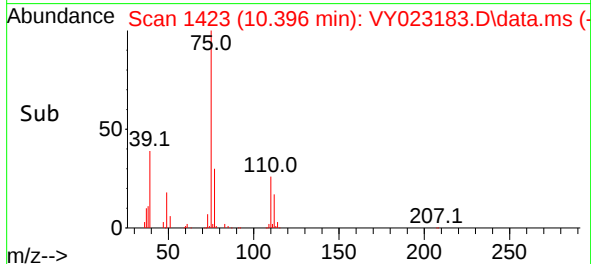
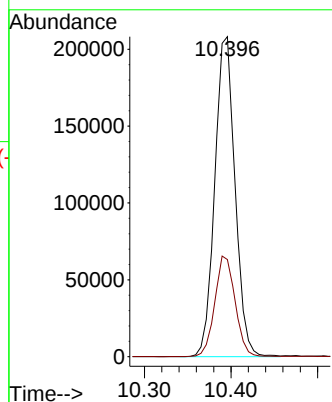
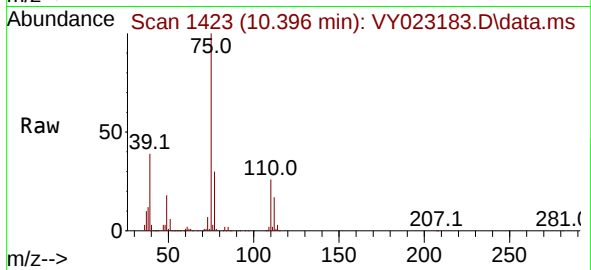




#53
t-1,3-Dichloropropene
Concen: 51.633 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

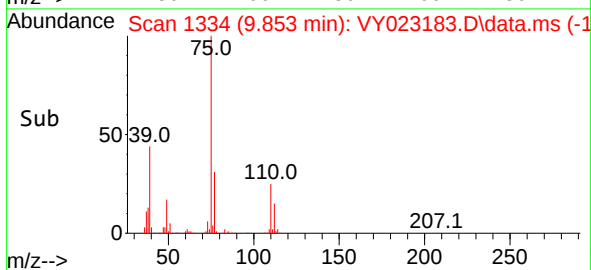
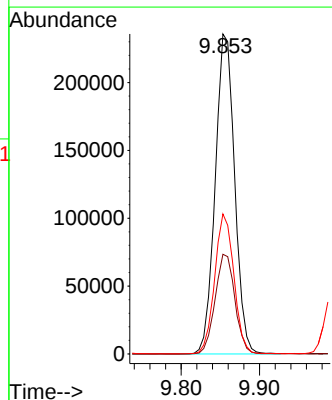
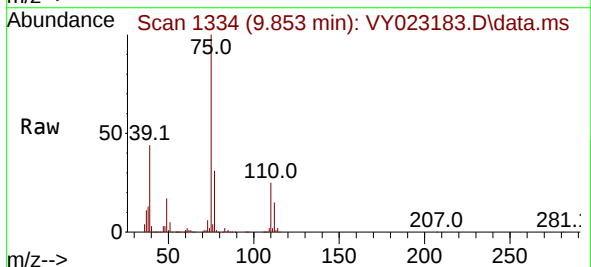
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

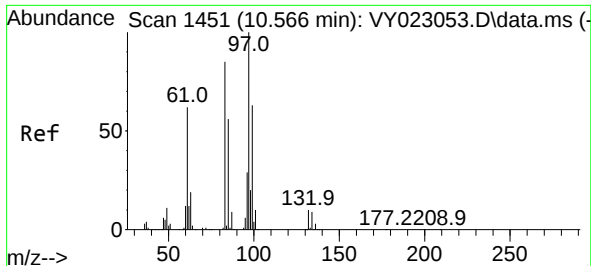
Tgt Ion: 75 Resp: 338124
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 52.584 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 75 Resp: 407198
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 43.7 35.6 53.4



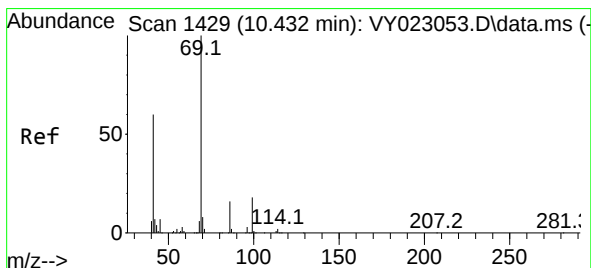
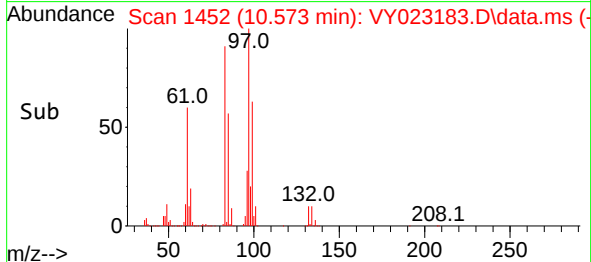
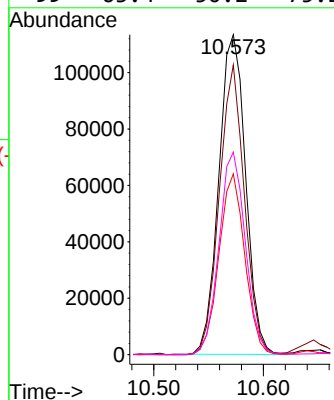
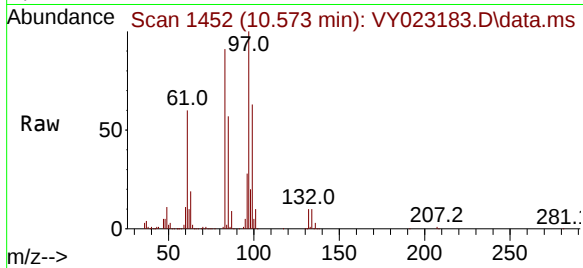


#55
1,1,2-Trichloroethane
Concen: 51.106 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 192192

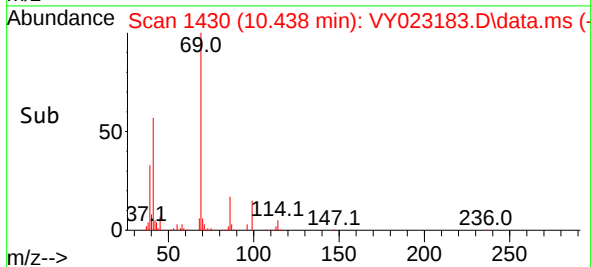
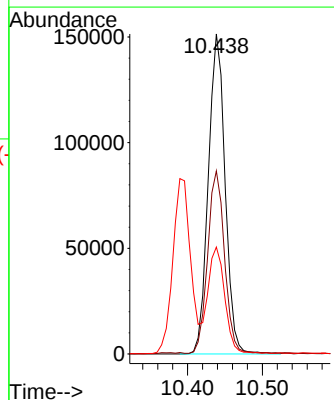
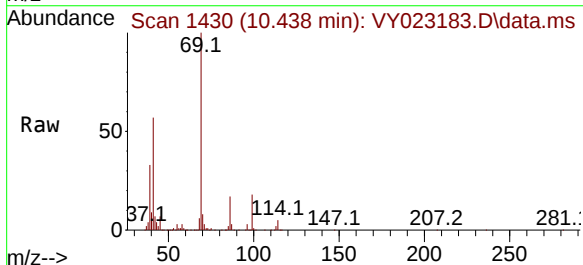
Ion	Ratio	Lower	Upper
97	100		
83	90.7	67.7	101.5
85	56.6	44.5	66.7
99	63.4	50.2	75.2

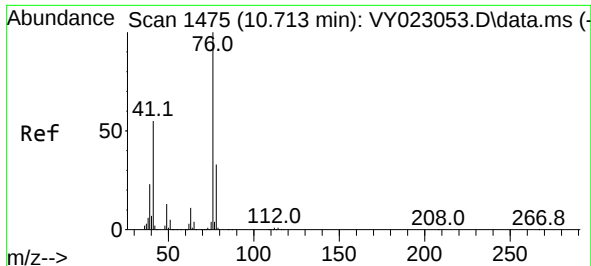


#56
Ethyl methacrylate
Concen: 49.154 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 69 Resp: 236539

Ion	Ratio	Lower	Upper
69	100		
41	57.1	48.6	72.8
39	34.1	27.0	40.4





#57

1,3-Dichloropropane

Concen: 50.182 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

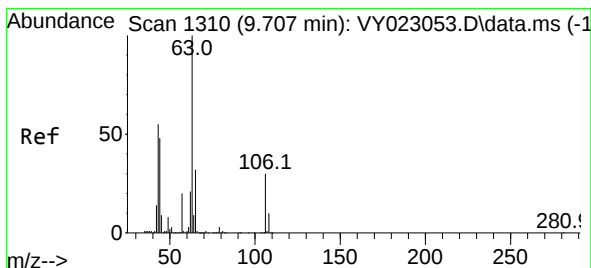
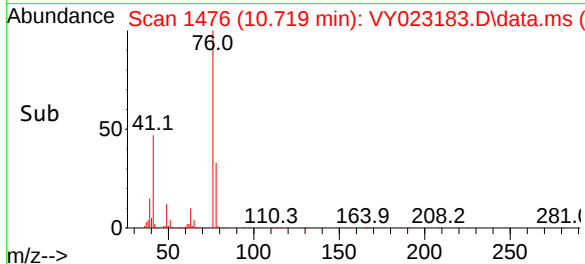
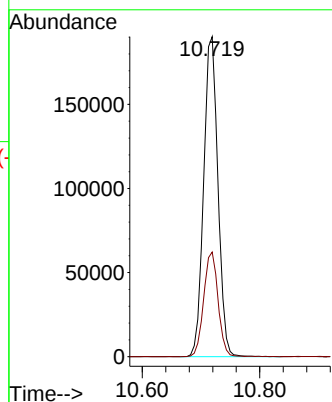
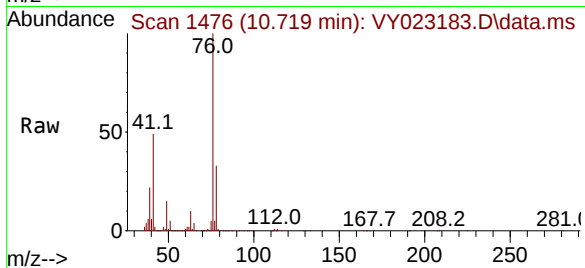
VSTDCCC050

Tgt Ion: 76 Resp: 320053

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 231.393 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023183.D

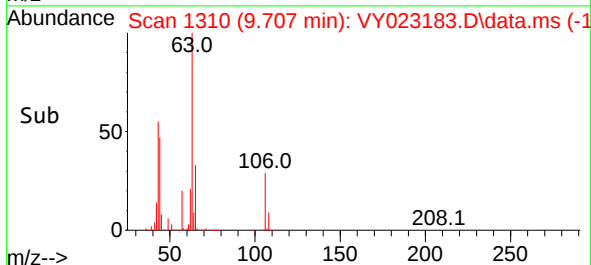
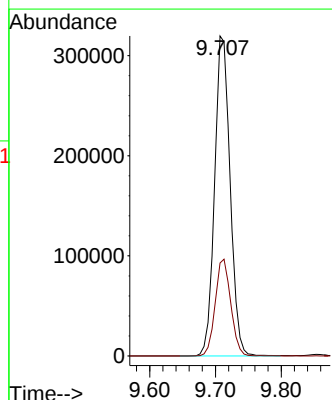
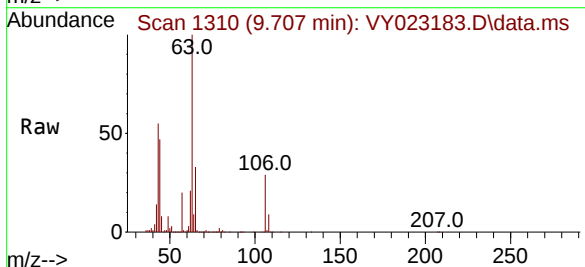
Acq: 22 Aug 2025 10:46

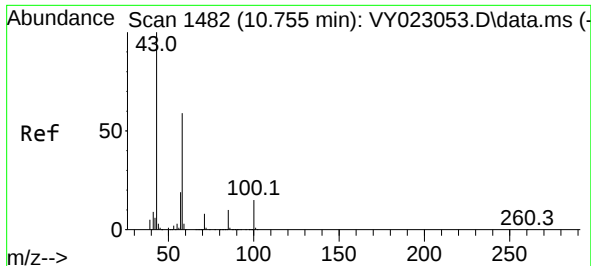
Tgt Ion: 63 Resp: 525241

Ion Ratio Lower Upper

63 100

106 30.3 23.2 34.8

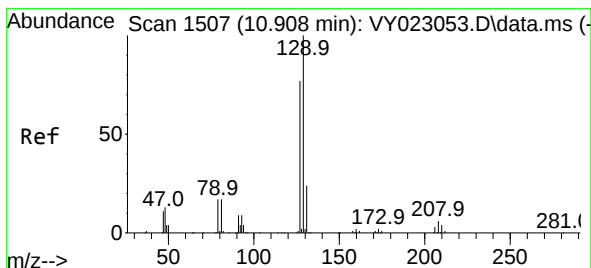
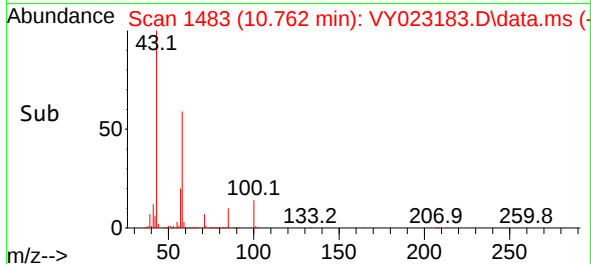
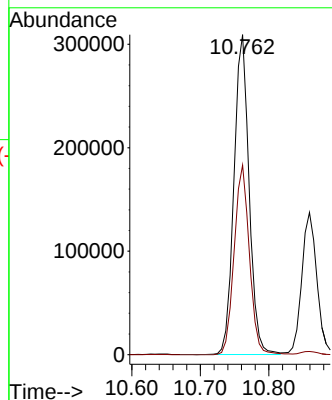
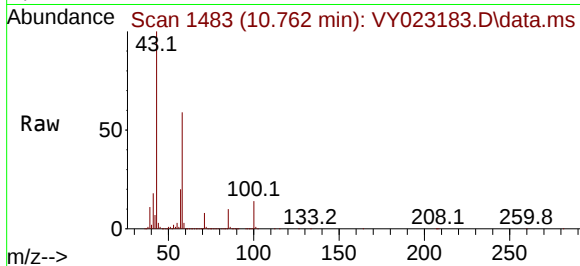




#59
2-Hexanone
Concen: 230.617 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

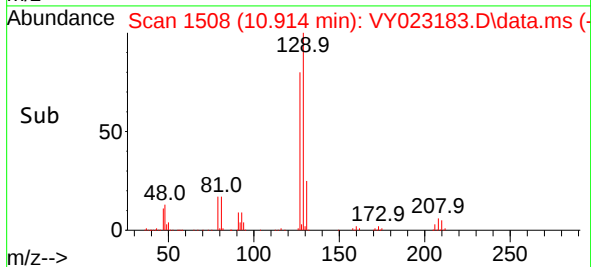
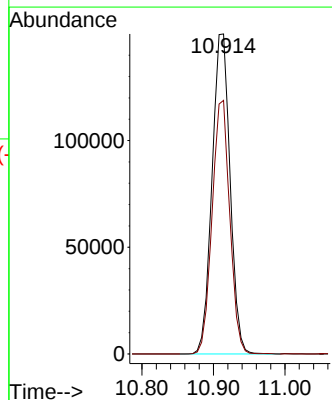
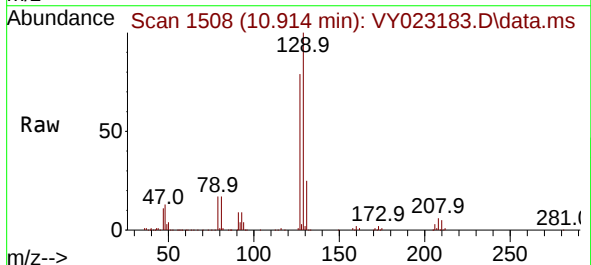
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

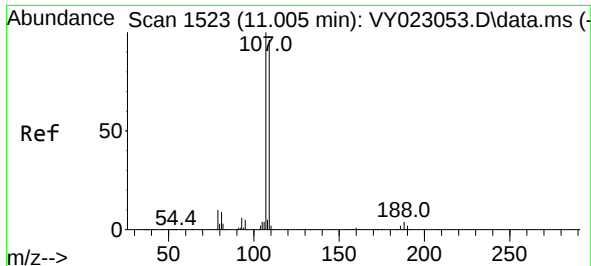
Tgt Ion: 43 Resp: 474858
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5



#60
Dibromochloromethane
Concen: 52.903 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 129 Resp: 262518
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

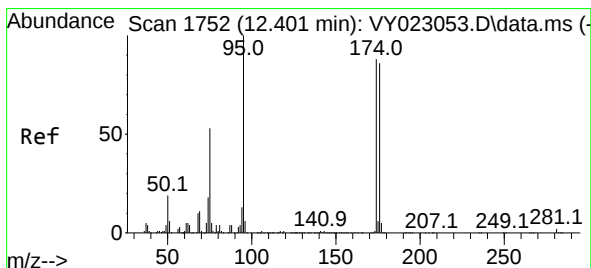
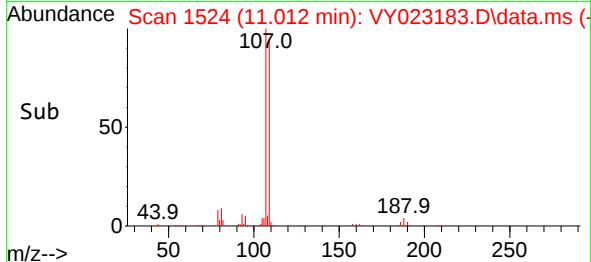
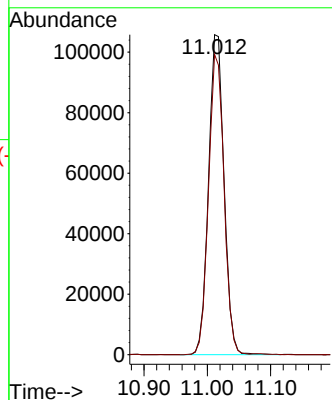
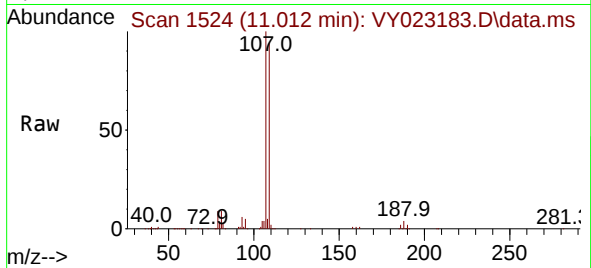




#61
1,2-Dibromoethane
Concen: 50.975 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

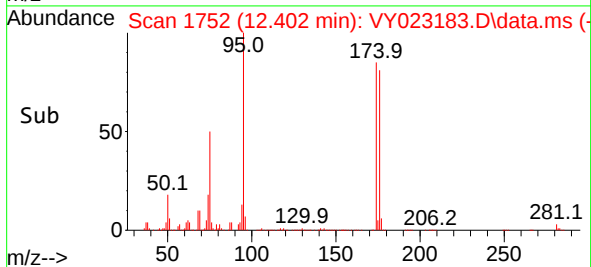
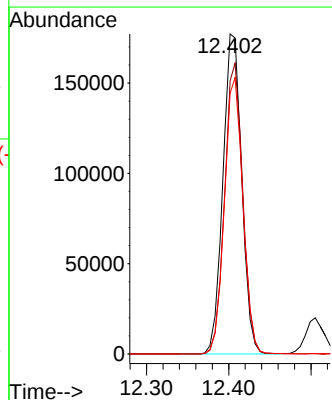
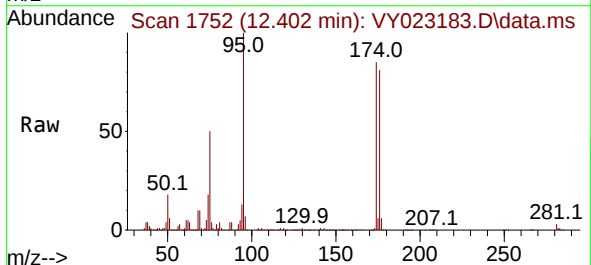
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

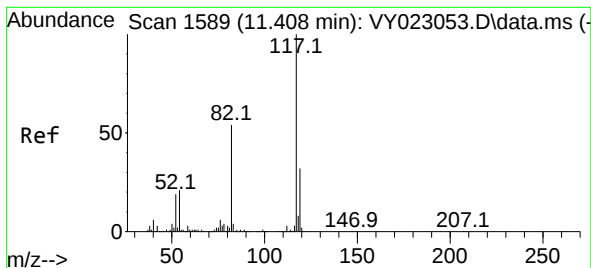
Tgt Ion:107 Resp: 180177
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.197 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 95 Resp: 281324
Ion Ratio Lower Upper
95 100
174 88.5 0.0 171.6
176 85.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

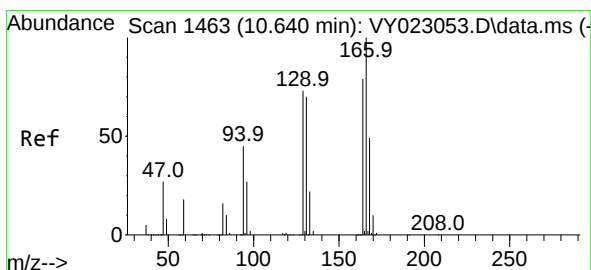
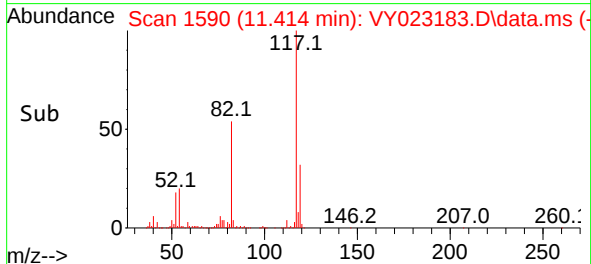
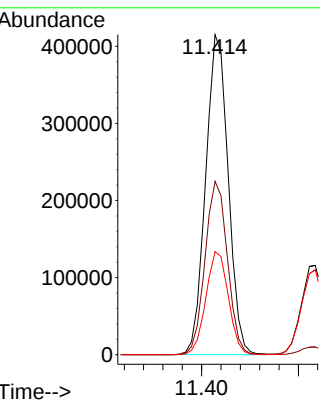
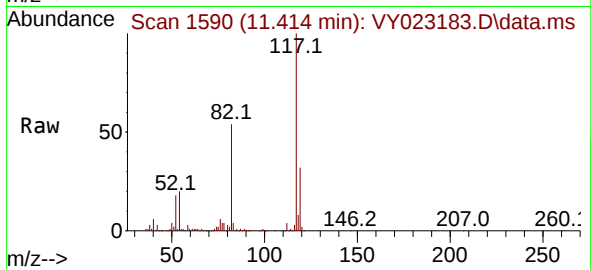
Tgt Ion:117 Resp: 671695

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 60.364 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Tgt Ion:164 Resp: 362050

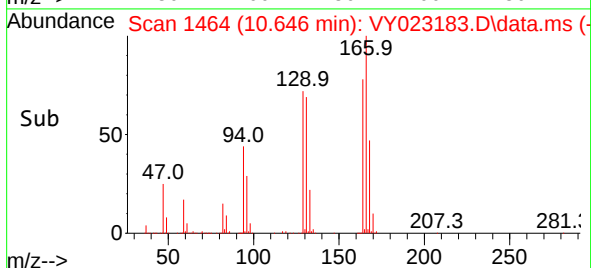
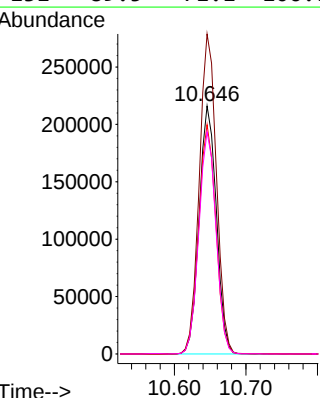
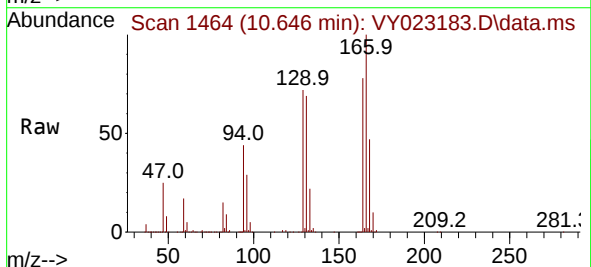
Ion Ratio Lower Upper

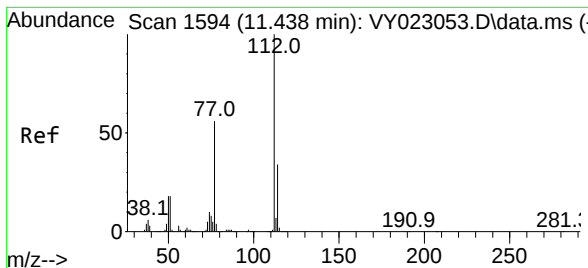
164 100

166 129.0 101.1 151.7

129 92.4 74.0 111.0

131 89.5 71.1 106.7





#65

Chlorobenzene

Concen: 56.426 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

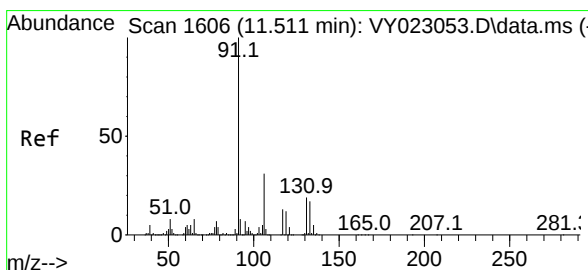
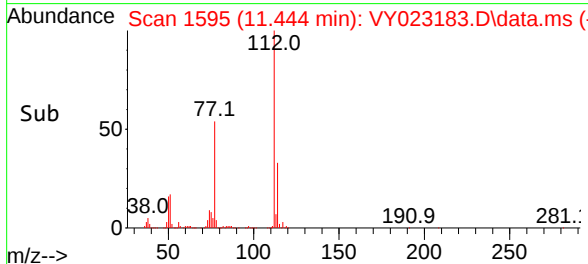
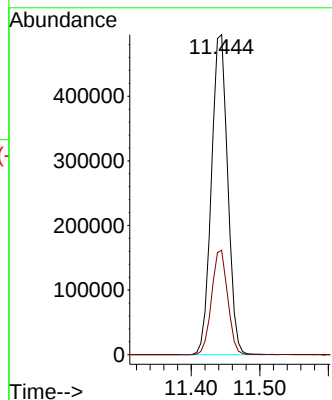
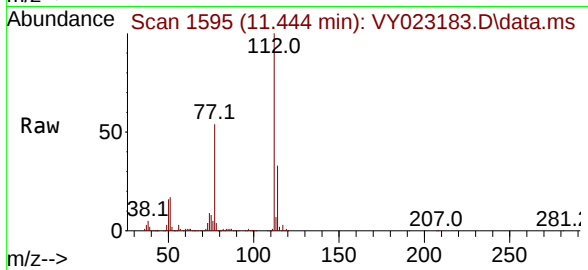
VSTDCCC050

Tgt Ion:112 Resp: 817535

Ion Ratio Lower Upper

112 100

114 32.7 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 56.594 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

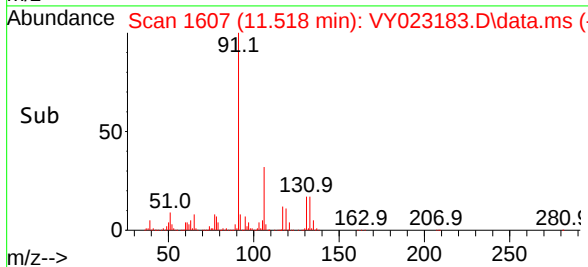
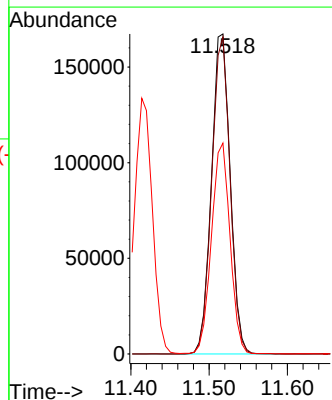
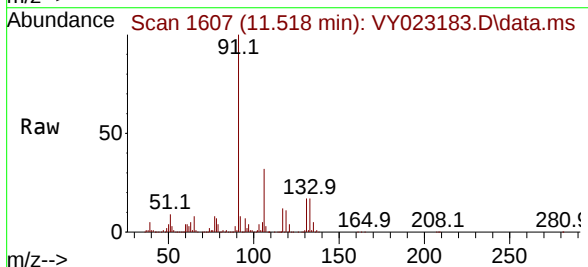
Tgt Ion:131 Resp: 278287

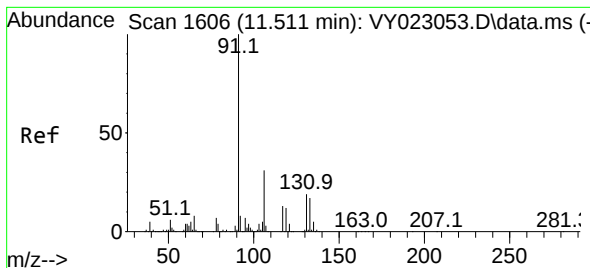
Ion Ratio Lower Upper

131 100

133 96.7 46.9 140.6

119 65.4 33.2 99.6





#67

Ethyl Benzene

Concen: 57.551 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

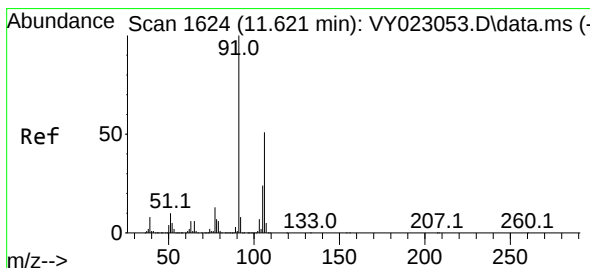
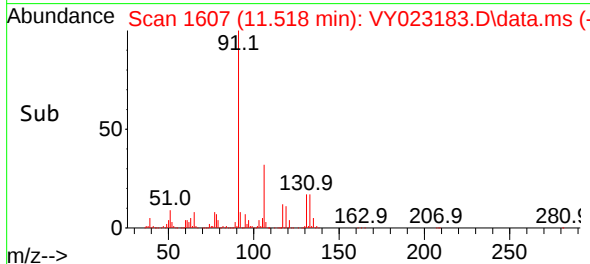
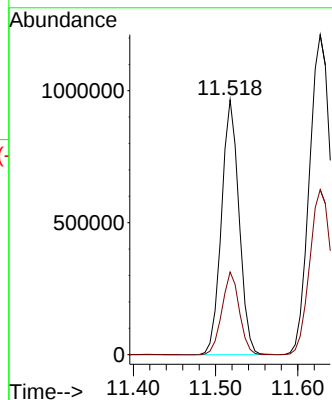
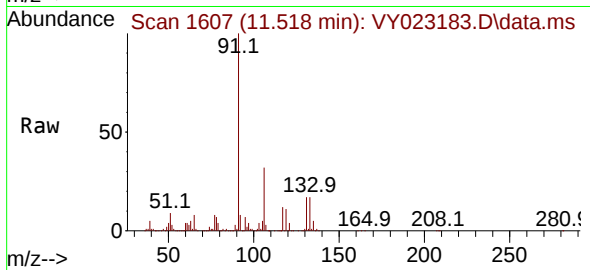
VSTDCCC050

Tgt Ion: 91 Resp: 1434944

Ion Ratio Lower Upper

91 100

106 32.5 25.0 37.4



#68

m/p-Xylenes

Concen: 116.755 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023183.D

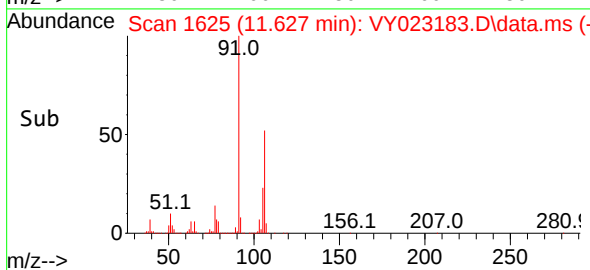
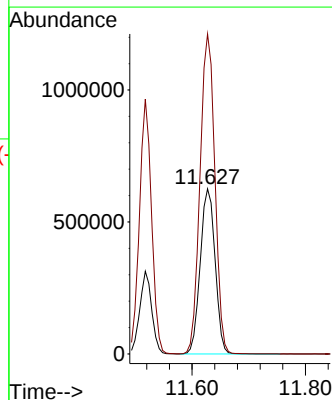
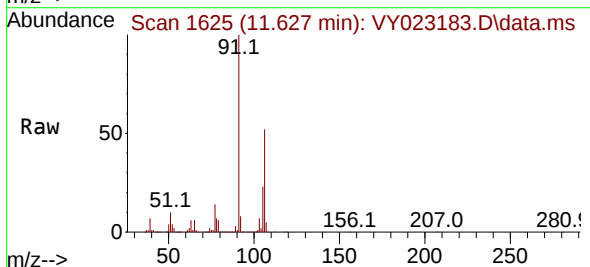
Acq: 22 Aug 2025 10:46

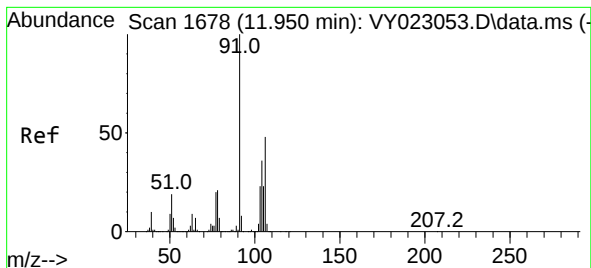
Tgt Ion:106 Resp: 1136964

Ion Ratio Lower Upper

106 100

91 193.5 158.6 238.0





#69

o-Xylene

Concen: 57.511 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

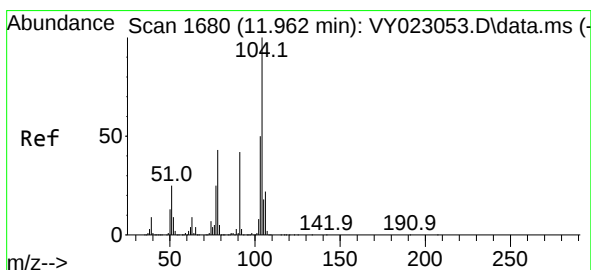
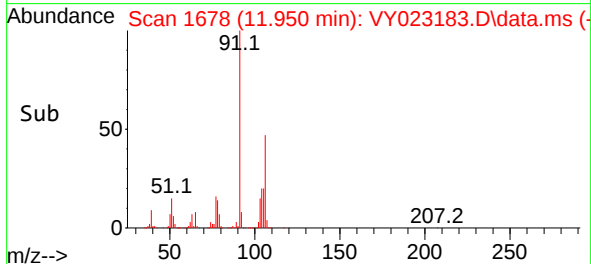
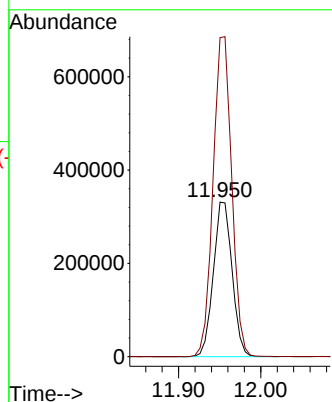
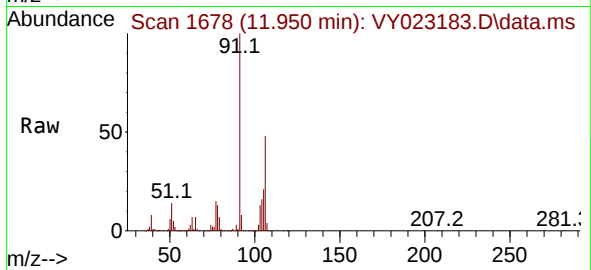
VSTDCCC050

Tgt Ion:106 Resp: 524534

Ion Ratio Lower Upper

106 100

91 206.3 103.2 309.4



#70

Styrene

Concen: 57.782 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

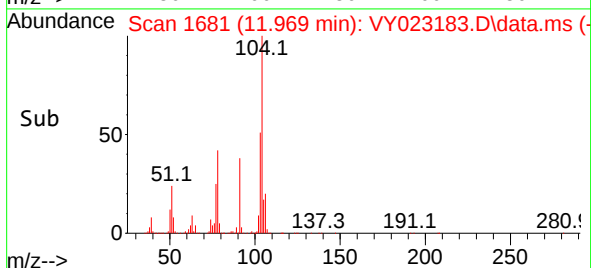
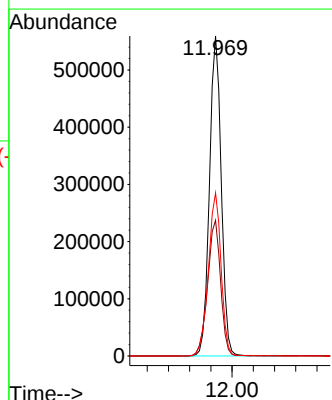
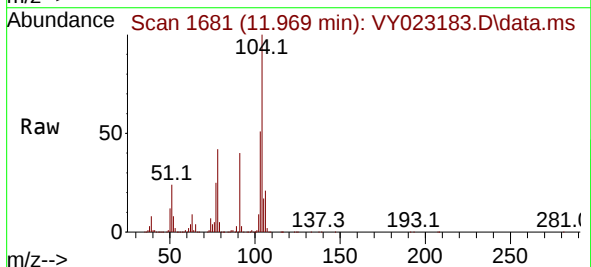
Tgt Ion:104 Resp: 861840

Ion Ratio Lower Upper

104 100

78 46.5 38.5 57.7

103 55.1 43.7 65.5





#71

Bromoform

Concen: 51.858 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

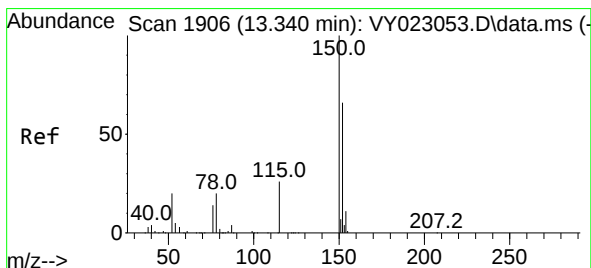
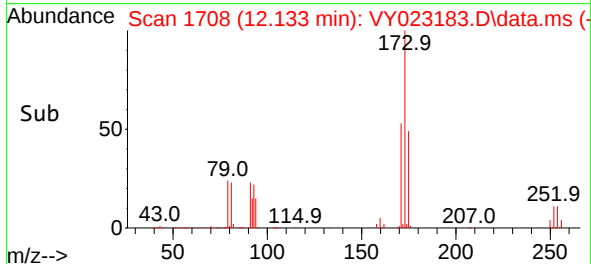
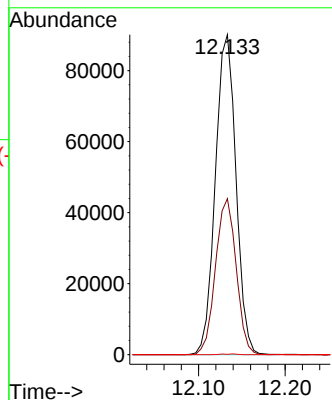
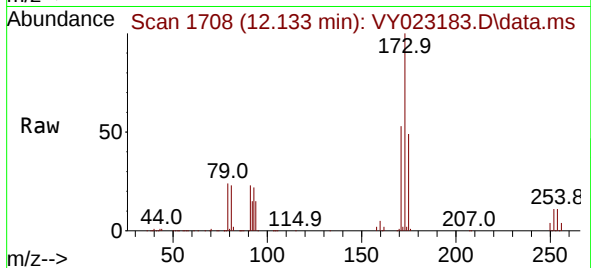
Tgt Ion:173 Resp: 149036

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

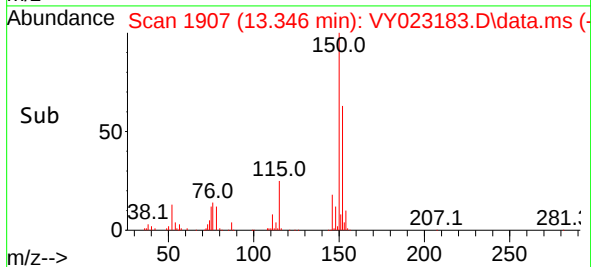
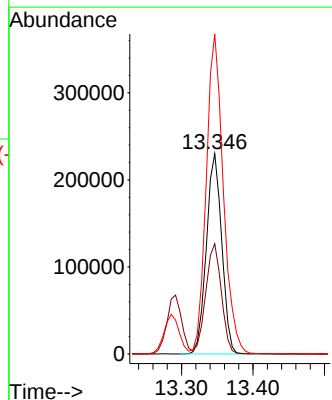
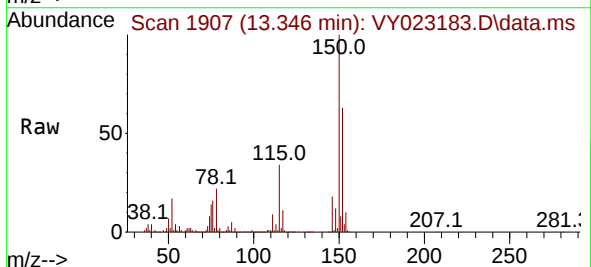
Tgt Ion:152 Resp: 344324

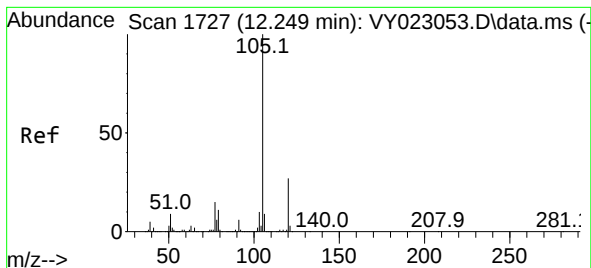
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.6

150 176.7 0.0 348.0





#73

Isopropylbenzene

Concen: 57.088 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

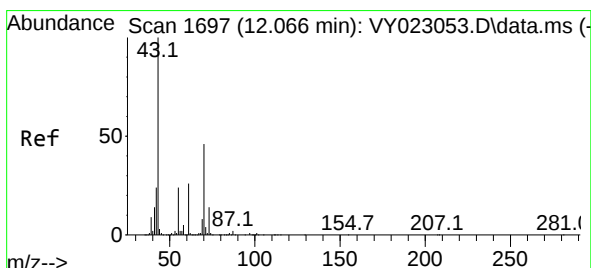
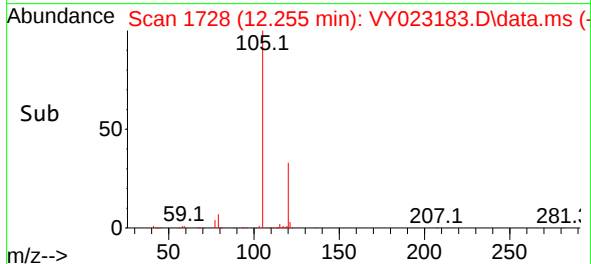
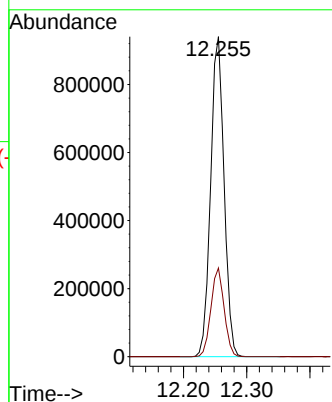
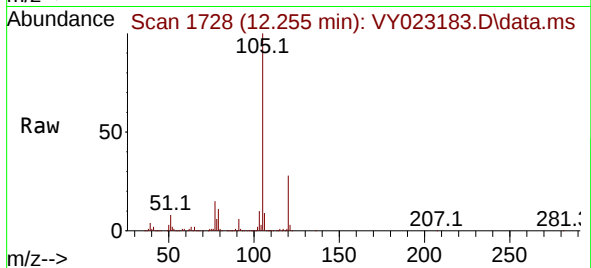
VSTDCCC050

Tgt Ion:105 Resp: 1387351

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 45.928 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Tgt Ion: 43 Resp: 236699

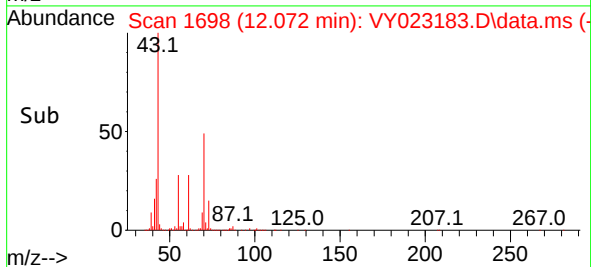
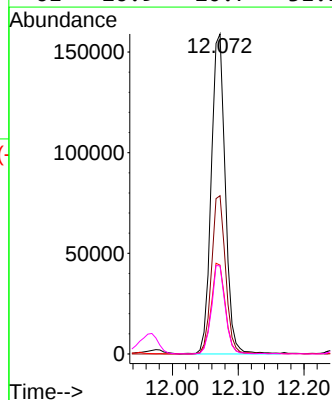
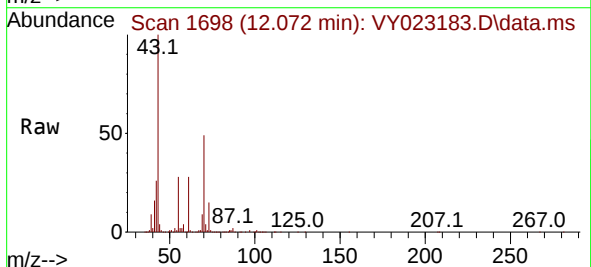
Ion Ratio Lower Upper

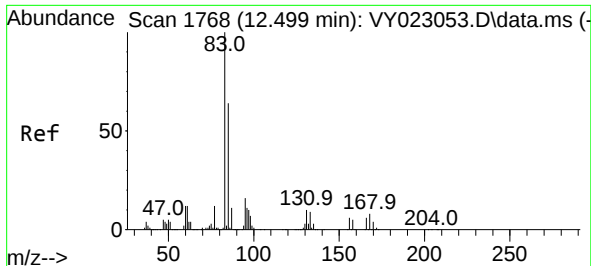
43 100

70 49.3 37.5 56.3

55 28.5 20.7 31.1

61 26.9 20.7 31.1

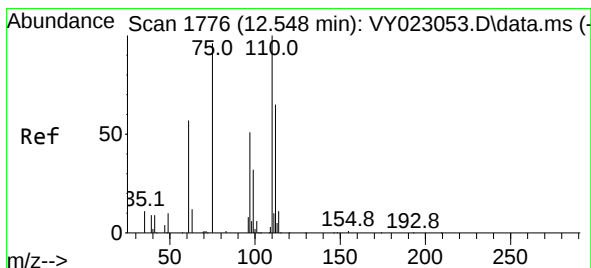
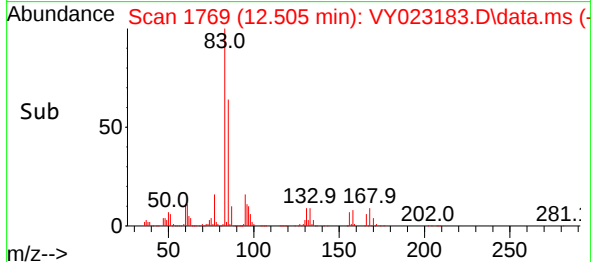
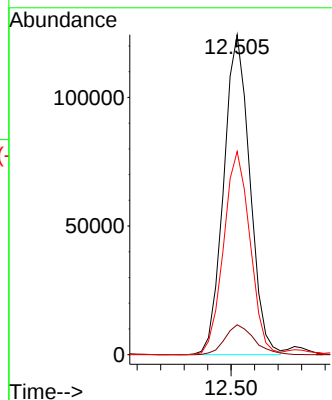
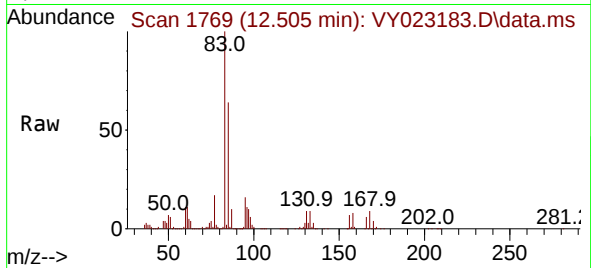




#75
1,1,2-Tetrachloroethane
Concen: 46.339 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

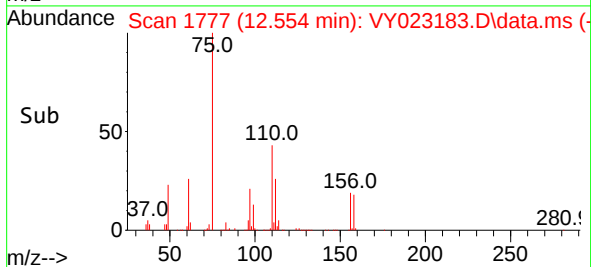
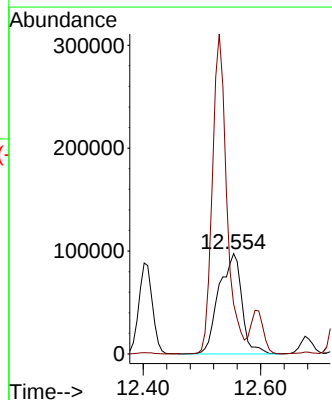
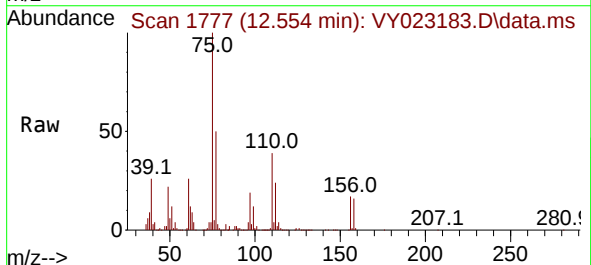
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

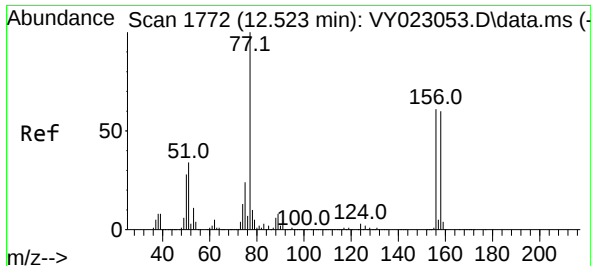
Tgt Ion: 83 Resp: 192286
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 79.438 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 75 Resp: 263979
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

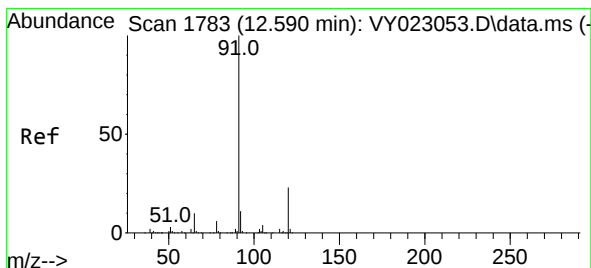
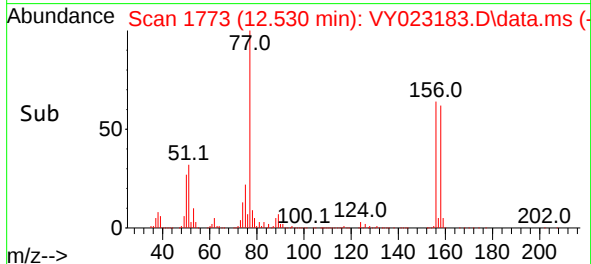
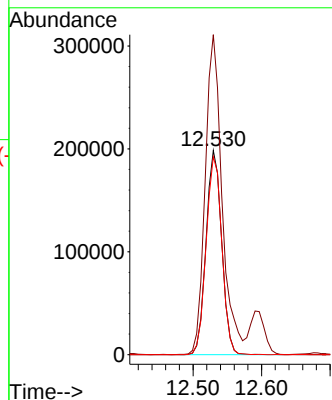
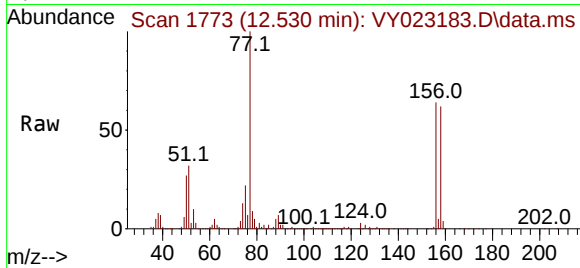




#77
Bromobenzene
Concen: 54.194 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

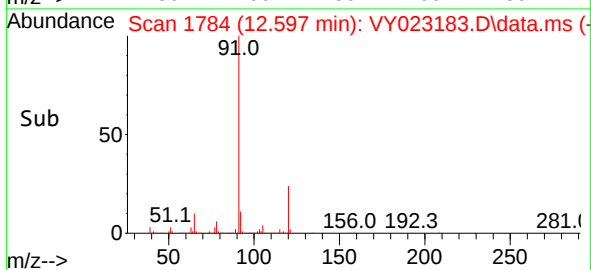
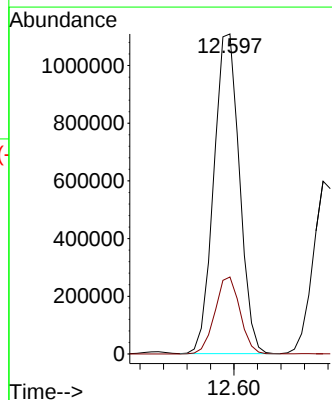
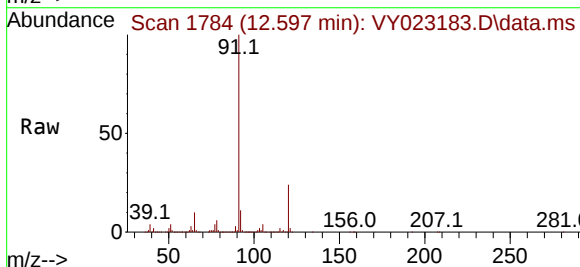
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

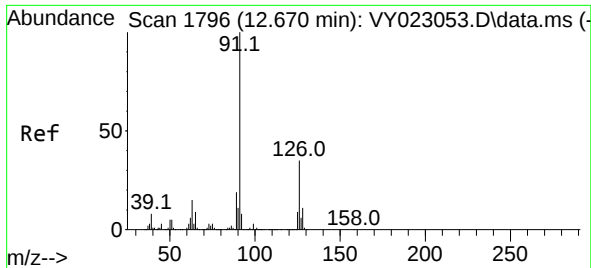
Tgt Ion:156 Resp: 314201
Ion Ratio Lower Upper
156 100
77 169.2 88.1 264.4
158 98.0 48.0 144.0



#78
n-propylbenzene
Concen: 58.196 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 91 Resp: 1683805
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5

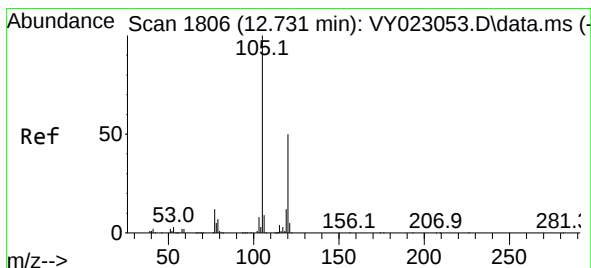
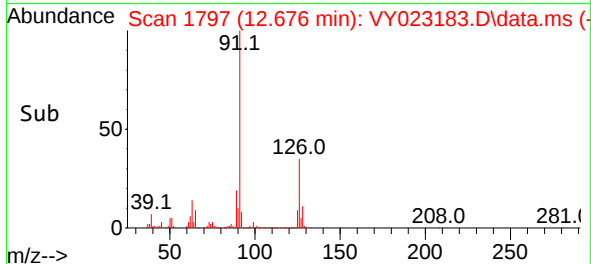
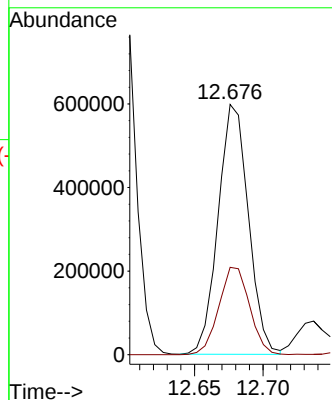
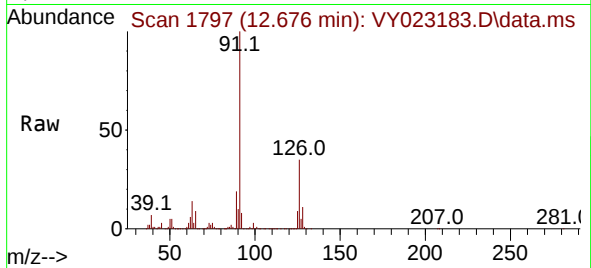




#79
2-Chlorotoluene
Concen: 55.585 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

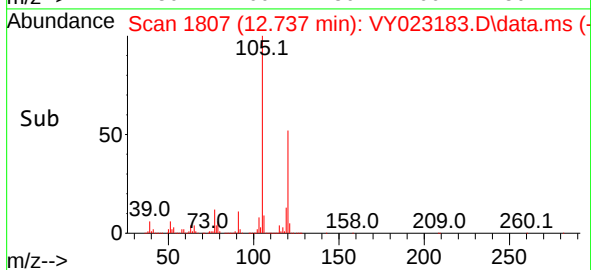
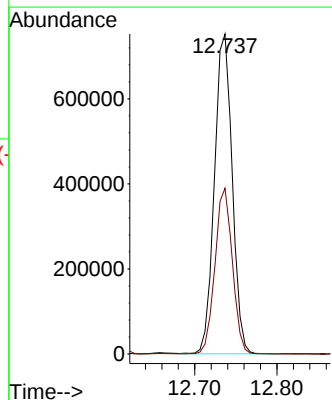
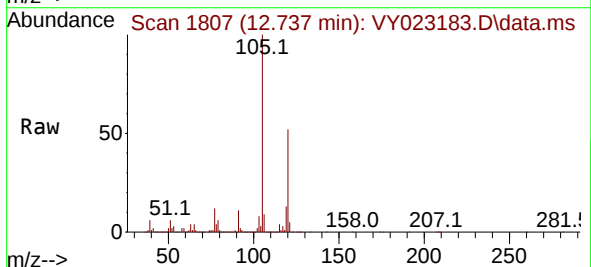
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

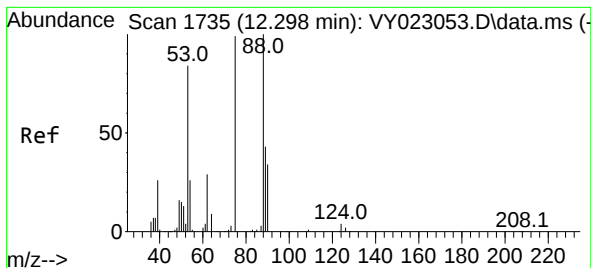
Tgt Ion: 91 Resp: 921464
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 57.492 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 105 Resp: 1129188
Ion Ratio Lower Upper
105 100
120 50.6 24.8 74.4

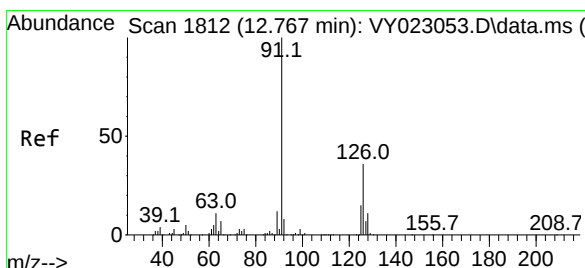
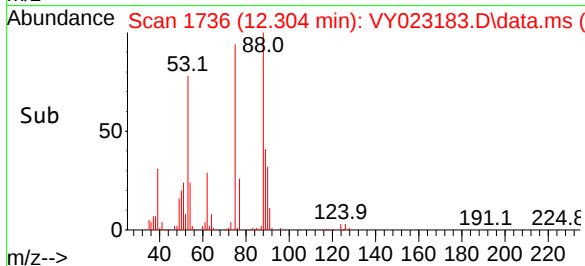
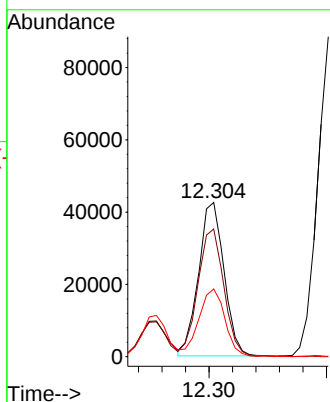
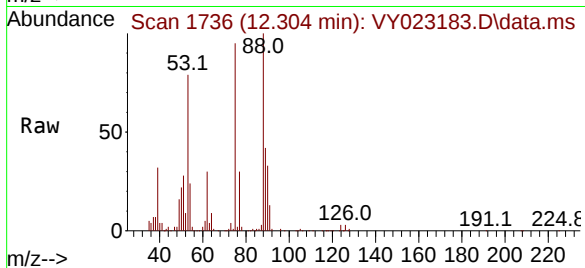




#81
trans-1,4-Dichloro-2-butene
Concen: 46.614 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

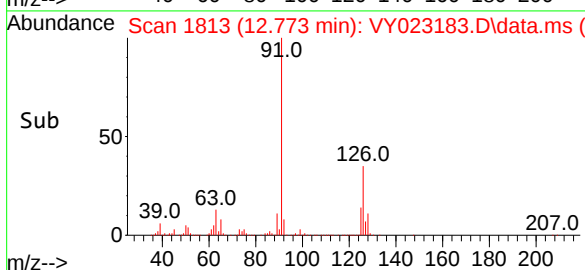
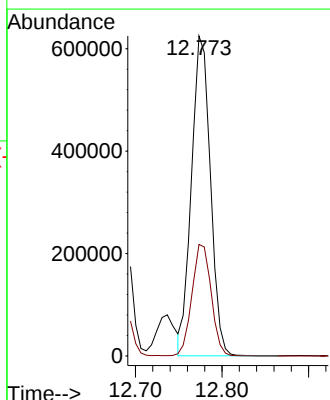
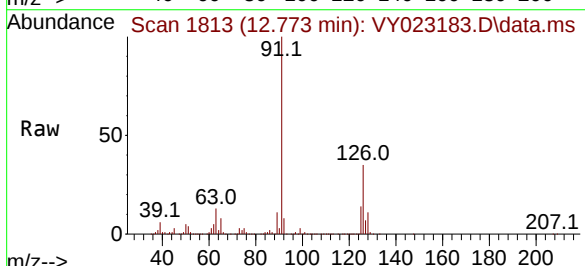
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

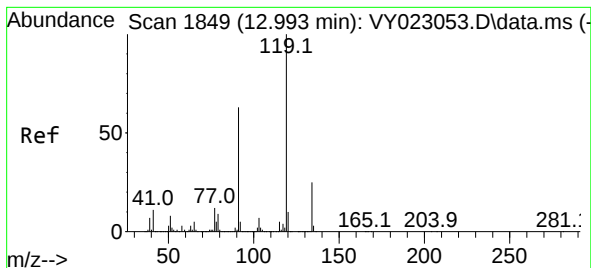
Tgt Ion: 75 Resp: 63992
Ion Ratio Lower Upper
75 100
53 85.2 70.8 106.2
89 45.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 55.193 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 91 Resp: 949164
Ion Ratio Lower Upper
91 100
126 35.5 17.3 52.0





#83

tert-Butylbenzene

Concen: 57.936 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

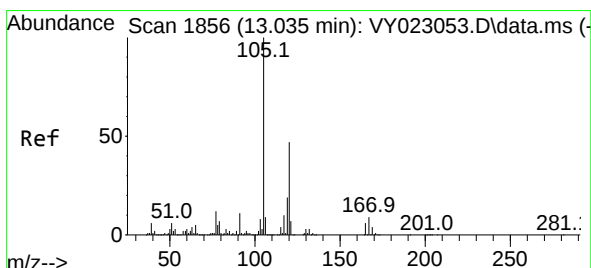
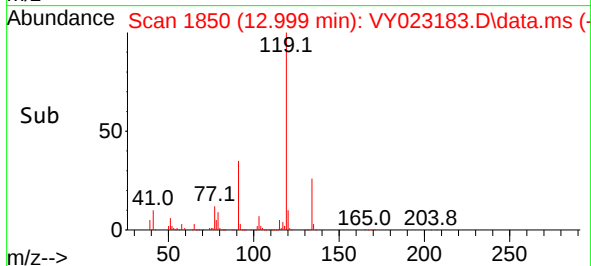
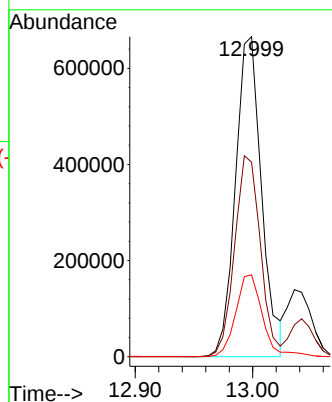
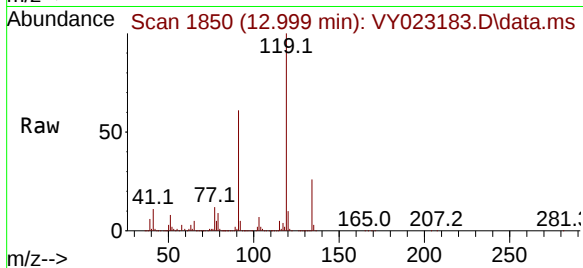
Tgt Ion:119 Resp: 1027709

Ion Ratio Lower Upper

119 100

91 62.1 31.6 94.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 57.421 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023183.D

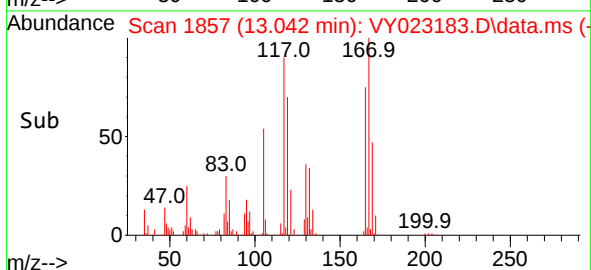
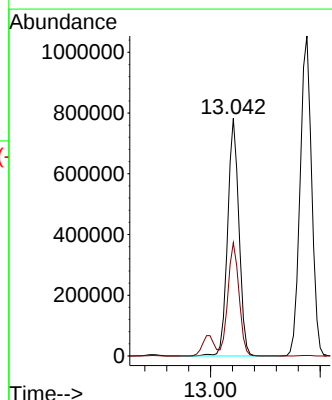
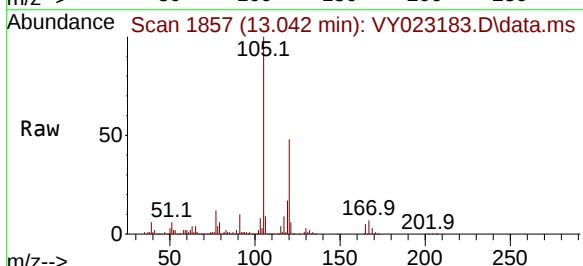
Acq: 22 Aug 2025 10:46

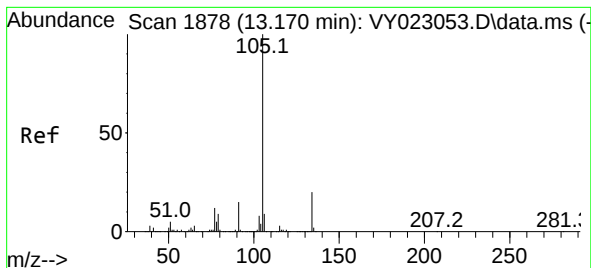
Tgt Ion:105 Resp: 1122674

Ion Ratio Lower Upper

105 100

120 46.6 23.0 69.0

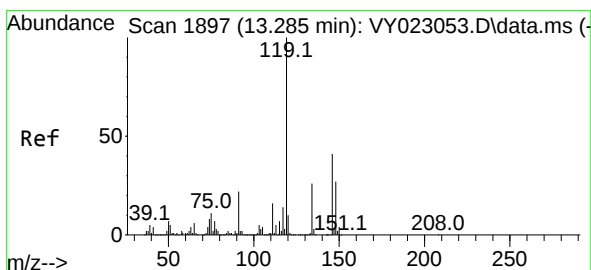
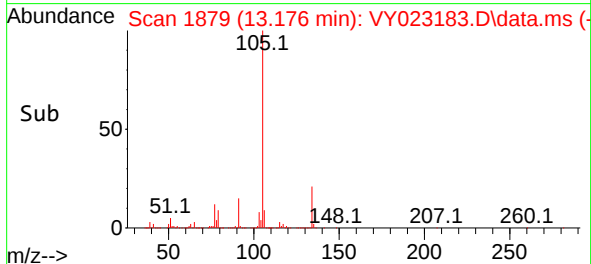
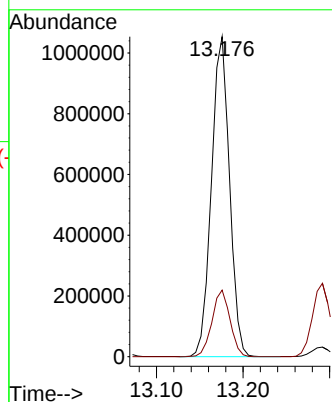
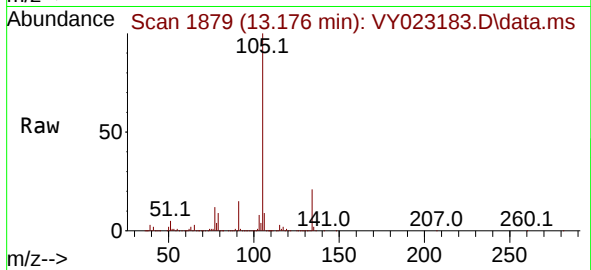




#85
sec-Butylbenzene
Concen: 58.532 ug/l
RT: 13.176 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

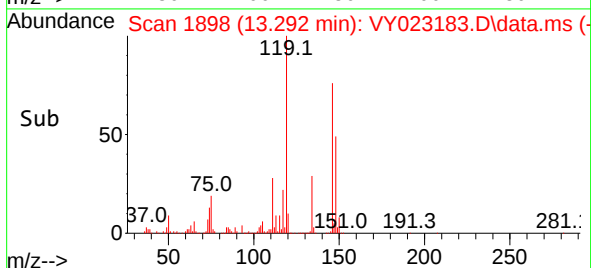
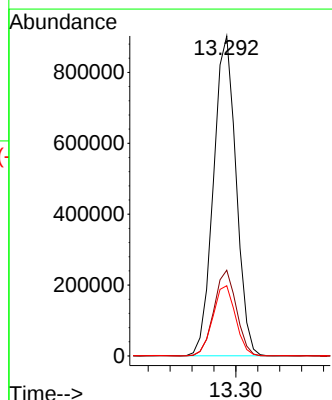
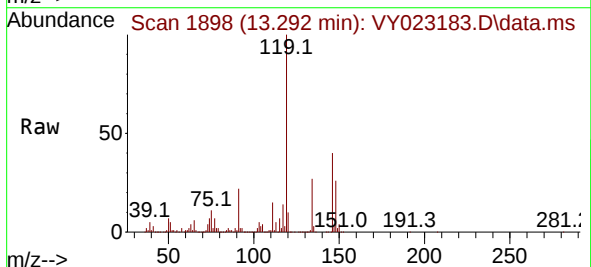
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

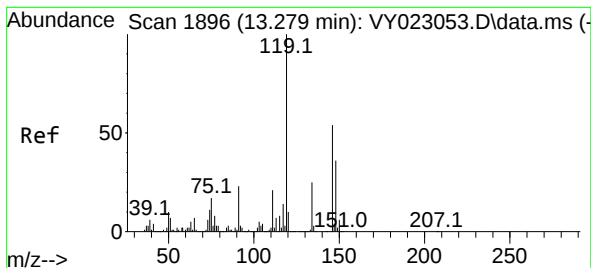
Tgt Ion:105 Resp: 1525232
Ion Ratio Lower Upper
105 100
134 20.7 10.2 30.4



#86
p-Isopropyltoluene
Concen: 59.753 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion:119 Resp: 1292440
Ion Ratio Lower Upper
119 100
134 26.6 13.2 39.6
91 22.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 56.676 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

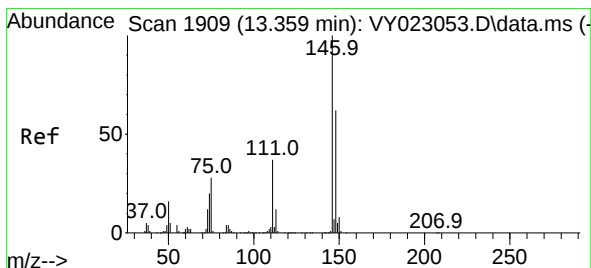
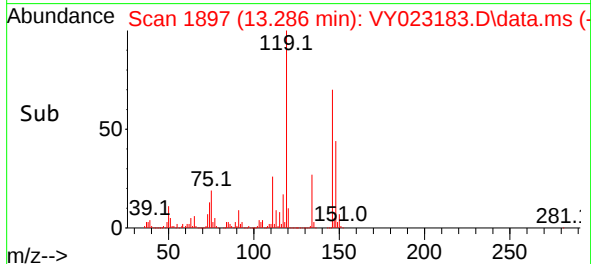
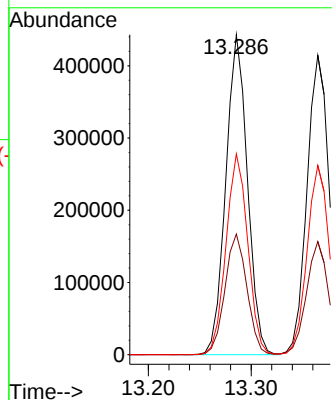
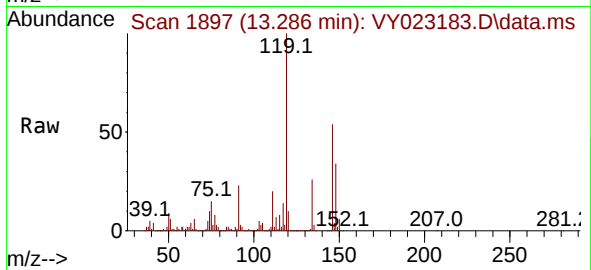
Tgt Ion:146 Resp: 647985

Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

148 63.1 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 55.172 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

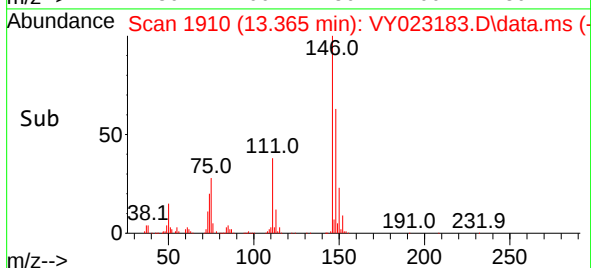
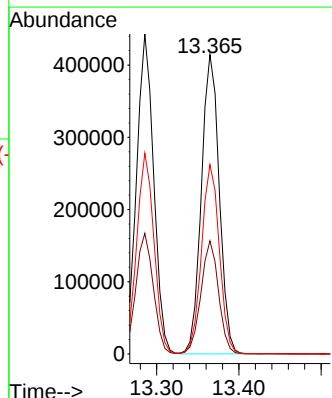
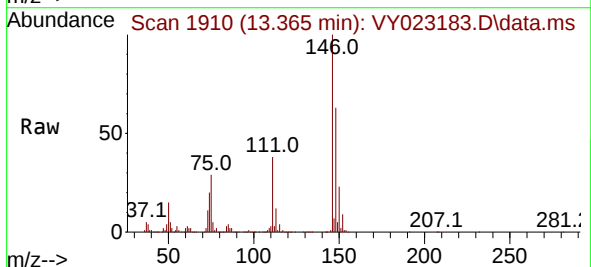
Tgt Ion:146 Resp: 625737

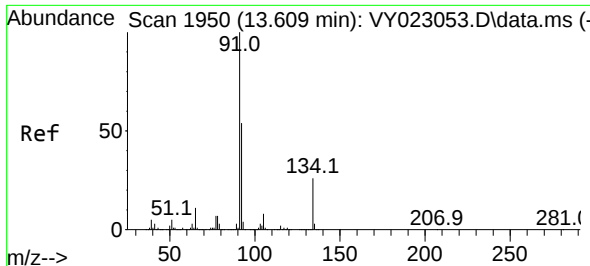
Ion Ratio Lower Upper

146 100

111 37.2 19.1 57.1

148 63.2 31.6 94.7

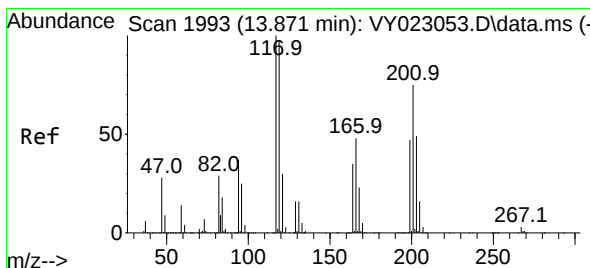
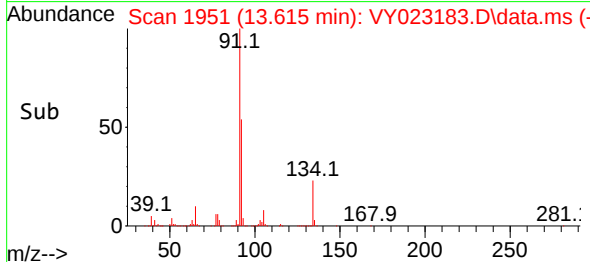
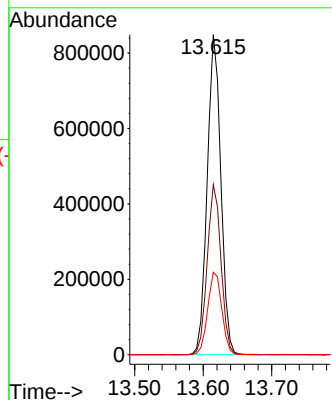
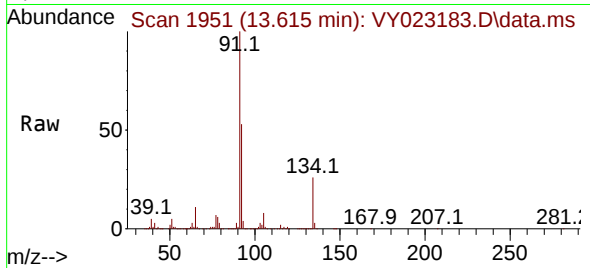




#89
n-Butylbenzene
Concen: 59.118 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

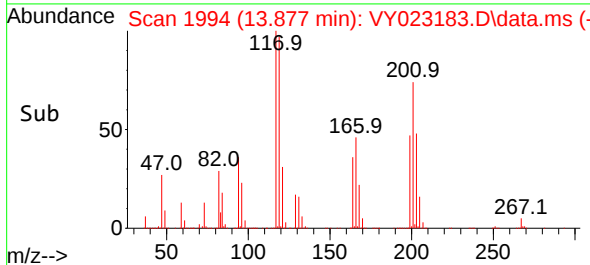
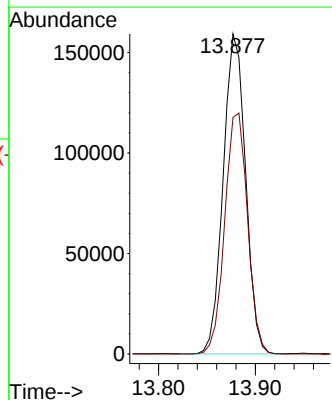
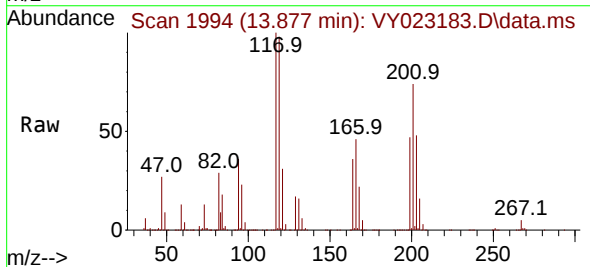
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

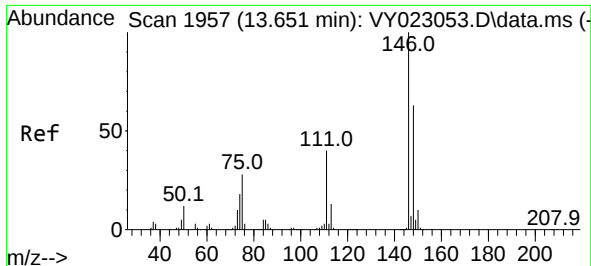
Tgt Ion: 91 Resp: 1174415
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 26.7 13.2 39.5



#90
Hexachloroethane
Concen: 57.697 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023183.D
Acq: 22 Aug 2025 10:46

Tgt Ion: 117 Resp: 255473
Ion Ratio Lower Upper
117 100
201 77.0 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 54.593 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

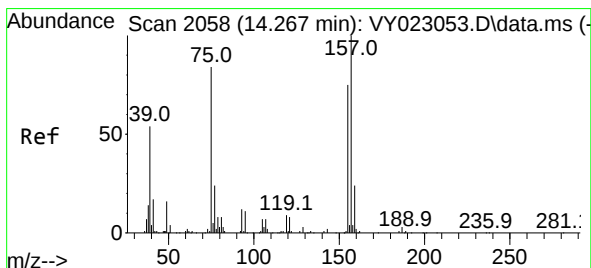
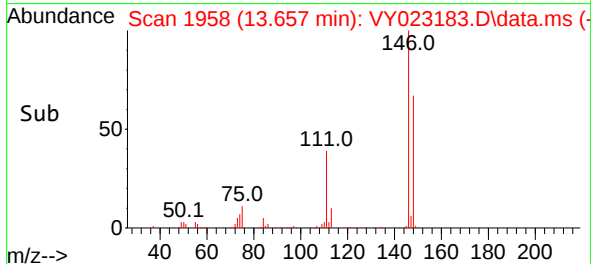
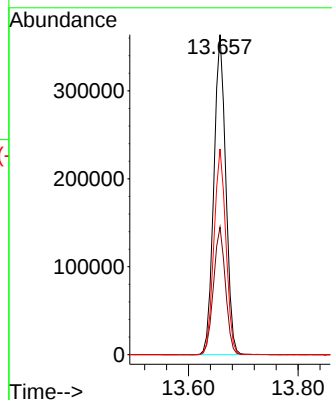
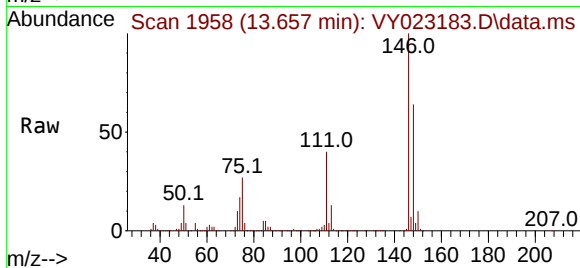
Tgt Ion:146 Resp: 547401

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 64.5 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.599 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

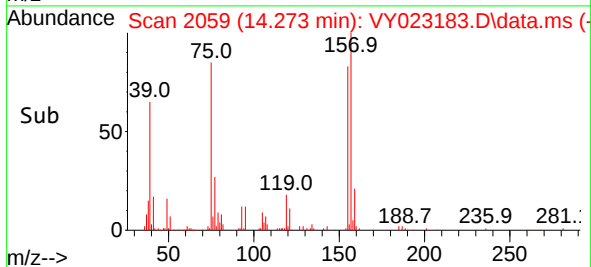
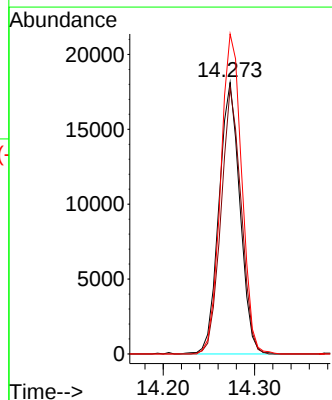
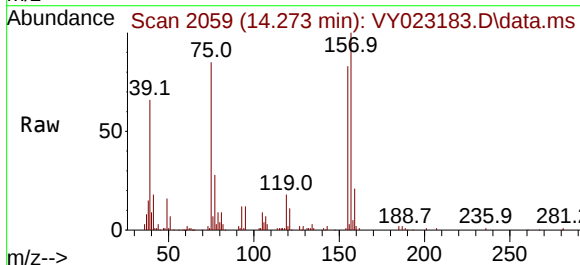
Tgt Ion: 75 Resp: 28814

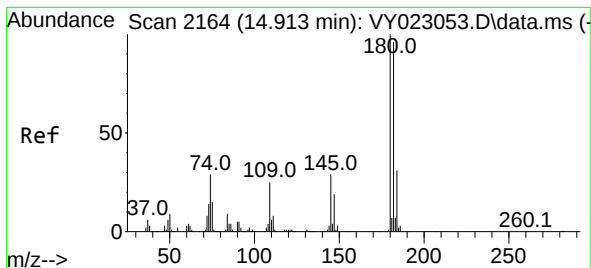
Ion Ratio Lower Upper

75 100

155 94.0 43.9 131.6

157 118.6 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 53.481 ug/l

RT: 14.919 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

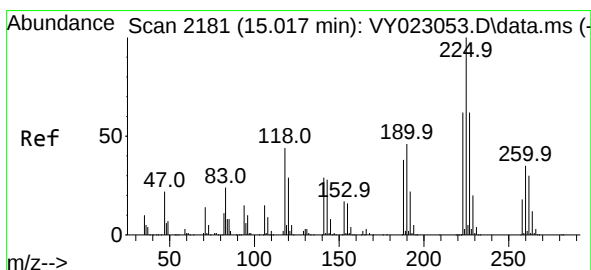
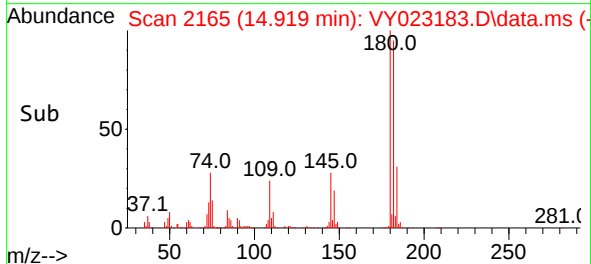
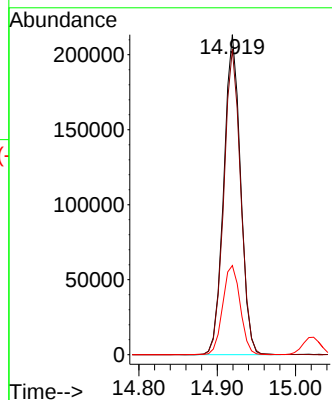
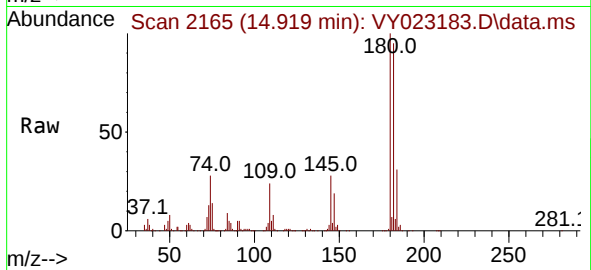
Tgt Ion:180 Resp: 317117

Ion Ratio Lower Upper

180 100

182 95.8 46.8 140.4

145 29.2 14.4 43.4



#94

Hexachlorobutadiene

Concen: 56.681 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

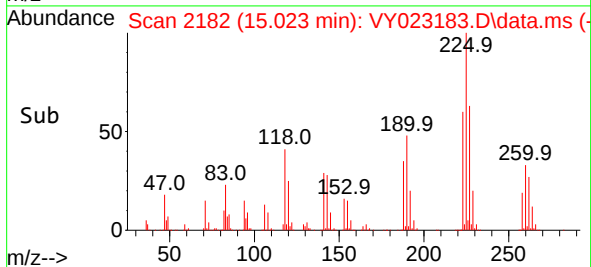
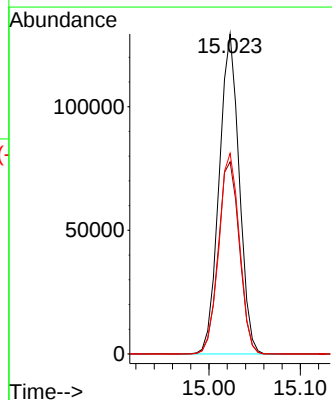
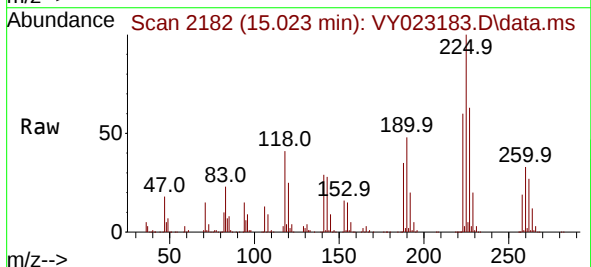
Tgt Ion:225 Resp: 197497

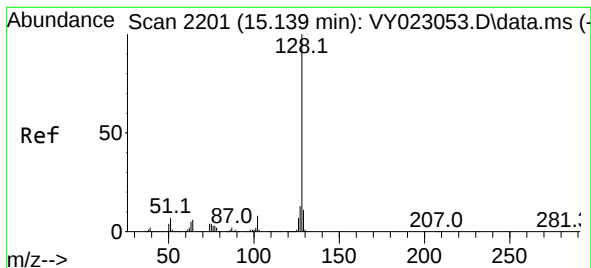
Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.8

227 64.3 31.5 94.5





#95

Naphthalene

Concen: 48.388 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

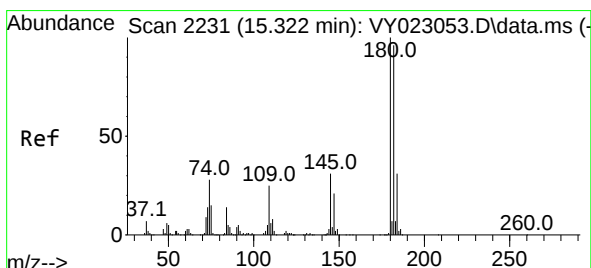
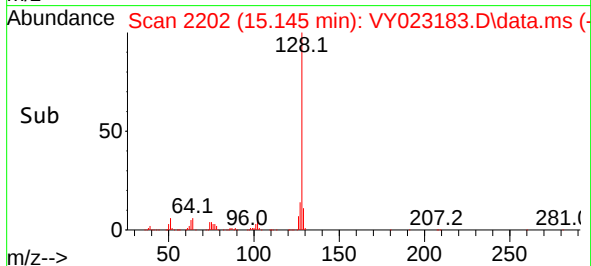
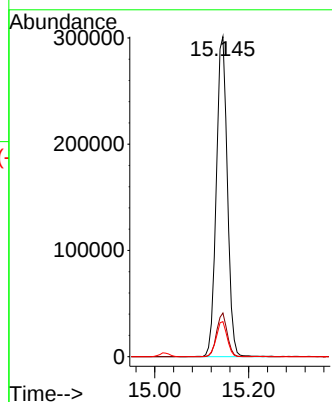
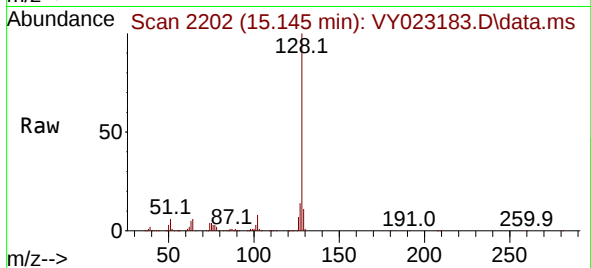
Tgt Ion:128 Resp: 489256

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.945 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023183.D

Acq: 22 Aug 2025 10:46

Tgt Ion:180 Resp: 265415

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 31.5 15.9 47.7

