

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023214.D
 Acq On : 28 Aug 2025 09:03
 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 29 02:05:37 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	542406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	816314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	700282	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	350311	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	218613	42.289	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.580%
35) Dibromofluoromethane	7.640	113	235387	48.190	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.380%
50) Toluene-d8	10.109	98	921374	48.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.408	95	290945	47.411	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.820%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	189088	42.708	ug/l	97
3) Chloromethane	2.074	50	295218	41.168	ug/l	99
4) Vinyl Chloride	2.208	62	388971	43.880	ug/l	99
5) Bromomethane	2.598	94	294842	44.537	ug/l	97
6) Chloroethane	2.739	64	268404	45.544	ug/l	98
7) Trichlorofluoromethane	3.062	101	505264	46.876	ug/l	99
8) Diethyl Ether	3.458	74	132596	46.498	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	270559	50.880	ug/l	97
10) Methyl Iodide	4.007	142	315665	55.012	ug/l	100
11) Tert butyl alcohol	4.860	59	91355	257.913	ug/l	99
12) 1,1-Dichloroethene	3.793	96	263962	50.501	ug/l	92
13) Acrolein	3.653	56	26856	51.771	ug/l	92
14) Allyl chloride	4.391	41	350361	45.555	ug/l	97
15) Acrylonitrile	5.061	53	258615	223.070	ug/l	99
16) Acetone	3.873	43	285229	254.681	ug/l	99
17) Carbon Disulfide	4.110	76	780060	45.771	ug/l	99
18) Methyl Acetate	4.385	43	138010	41.410	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	631439	46.620	ug/l	99
20) Methylene Chloride	4.616	84	285508	49.006	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	295750	50.350	ug/l	98
22) Diisopropyl ether	6.025	45	785482	46.999	ug/l	98
23) Vinyl Acetate	5.964	43	2101431	227.398	ug/l	99
24) 1,1-Dichloroethane	5.921	63	498302	48.768	ug/l	99
25) 2-Butanone	6.896	43	344660	226.278	ug/l	96
26) 2,2-Dichloropropane	6.890	77	455542	51.668	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	345158	50.829	ug/l	95
28) Bromochloromethane	7.250	49	176788	43.610	ug/l	91
29) Tetrahydrofuran	7.268	42	198013	209.726	ug/l	96
30) Chloroform	7.421	83	523945	49.720	ug/l	95
31) Cyclohexane	7.707	56	432516	44.919	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	477557	51.073	ug/l	99
36) 1,1-Dichloropropene	7.835	75	377989	52.071	ug/l	99
37) Ethyl Acetate	6.982	43	137937	45.235	ug/l	98
38) Carbon Tetrachloride	7.823	117	430396	54.588	ug/l	98
39) Methylcyclohexane	9.109	83	502239	52.539	ug/l	98
40) Benzene	8.085	78	1170824	52.330	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	77060	43.788	ug/l	93
42) 1,2-Dichloroethane	8.158	62	284771	48.938	ug/l	99
43) Isopropyl Acetate	8.201	43	280030	45.435	ug/l	98
44) Trichloroethene	8.866	130	325280	56.258	ug/l	96
45) 1,2-Dichloropropane	9.140	63	263525	51.190	ug/l	100
46) Dibromomethane	9.231	93	151778	51.367	ug/l	98
47) Bromodichloromethane	9.426	83	394556	51.895	ug/l	97
48) Methyl methacrylate	9.225	41	133737	45.346	ug/l	94
49) 1,4-Dioxane	9.231	88	31809	918.124	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	738021	232.142	ug/l	98
52) Toluene	10.170	92	767746	54.028	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	355108	51.578	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	420533	51.654	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	203266	51.410	ug/l	97
56) Ethyl methacrylate	10.438	69	257770	50.950	ug/l	95
57) 1,3-Dichloropropane	10.719	76	338401	50.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	514140	215.441	ug/l	97
59) 2-Hexanone	10.762	43	520526	240.449	ug/l	99
60) Dibromochloromethane	10.914	129	277813	53.251	ug/l	99
61) 1,2-Dibromoethane	11.018	107	192142	51.705	ug/l	99
64) Tetrachloroethene	10.646	164	394576	63.101	ug/l	98
65) Chlorobenzene	11.444	112	823490	54.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	284437	55.483	ug/l	98
67) Ethyl Benzene	11.518	91	1426195	54.865	ug/l	98
68) m/p-Xylenes	11.627	106	1132925	111.591	ug/l	98
69) o-Xylene	11.957	106	532438	55.995	ug/l	98
70) Styrene	11.969	104	876540	56.368	ug/l	98
71) Bromoform	12.133	173	163540	54.582	ug/l #	99
73) Isopropylbenzene	12.255	105	1402066	56.707	ug/l	99
74) N-amyl acetate	12.072	43	248059	47.310	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	193929	45.937	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	284107	84.034	ug/l #	100
77) Bromobenzene	12.536	156	324846	55.072	ug/l	95
78) n-propylbenzene	12.597	91	1659324	56.370	ug/l	98
79) 2-Chlorotoluene	12.682	91	926246	54.919	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1127538	56.427	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	71925	51.498	ug/l	97
82) 4-Chlorotoluene	12.780	91	943666	53.936	ug/l	98
83) tert-Butylbenzene	12.999	119	1019599	56.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1117053	56.157	ug/l	99
85) sec-Butylbenzene	13.176	105	1509593	56.942	ug/l	99
86) p-Isopropyltoluene	13.292	119	1269521	57.691	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	645274	55.474	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	632123	54.782	ug/l	99
89) n-Butylbenzene	13.615	91	1143834	56.594	ug/l	99
90) Hexachloroethane	13.877	117	254994	56.605	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	557986	54.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30425	46.288	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	321825	53.347	ug/l	98
94) Hexachlorobutadiene	15.023	225	201124	56.735	ug/l	99
95) Naphthalene	15.145	128	520530	50.601	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	272991	52.515	ug/l	99

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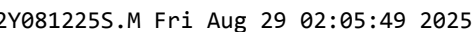
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

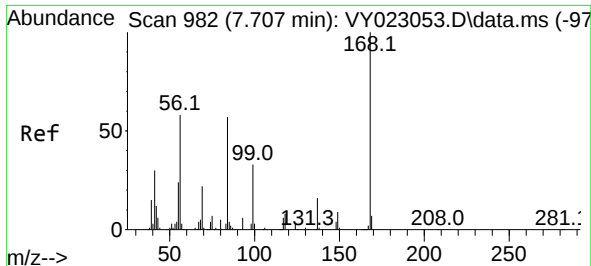
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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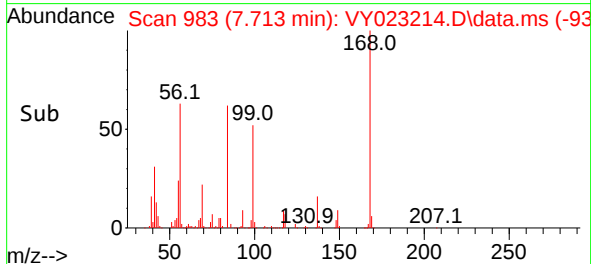
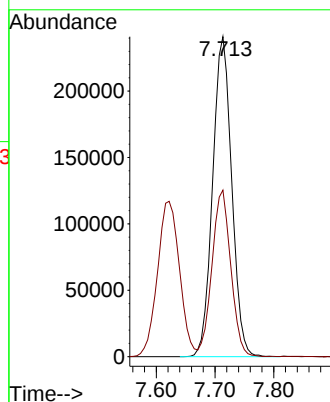
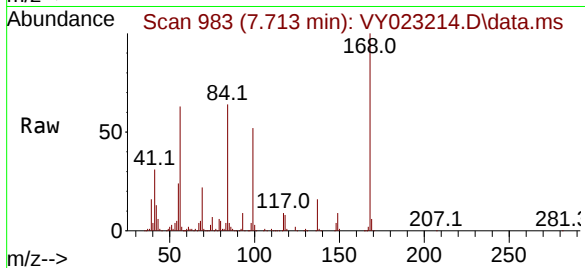




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

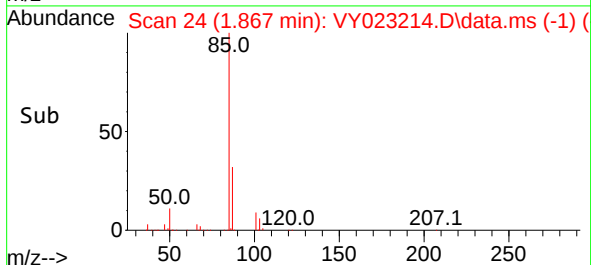
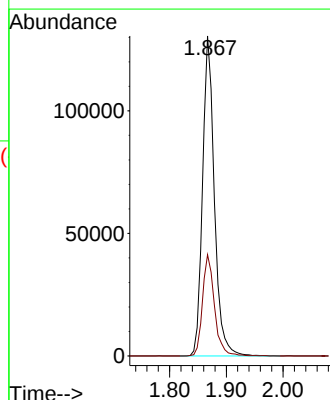
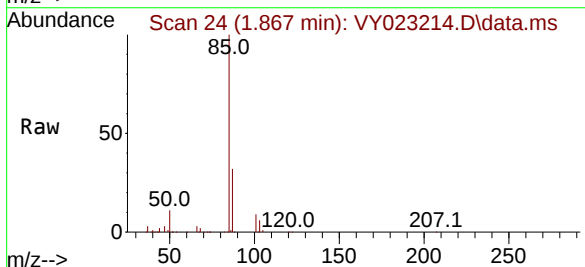
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 542406
Ion Ratio Lower Upper
168 100
99 52.0 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 42.708 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 85 Resp: 189088
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.8

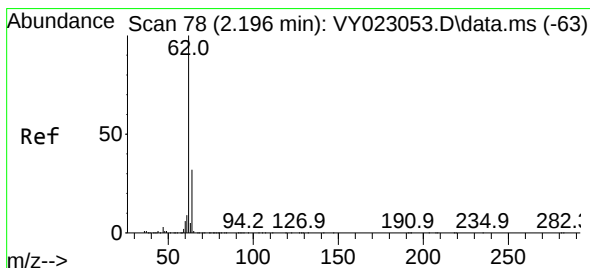
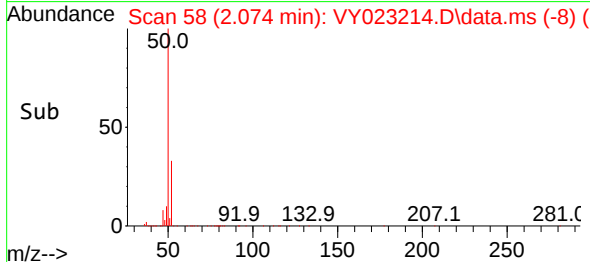
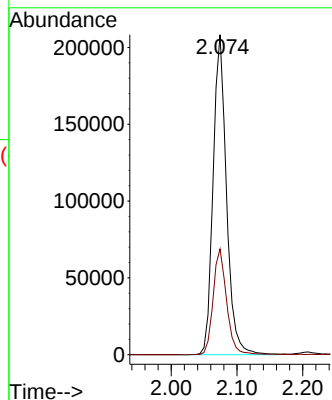
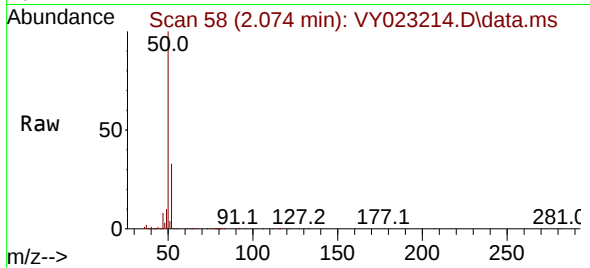




#3
Chloromethane
Concen: 41.168 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

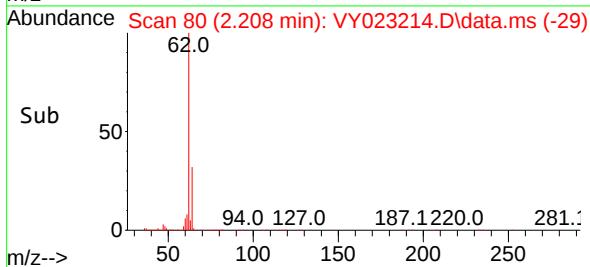
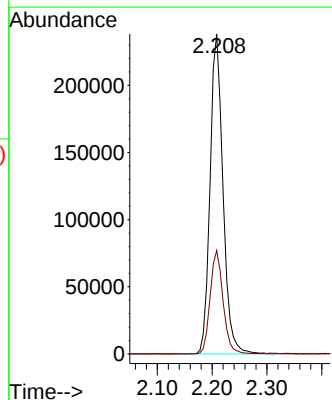
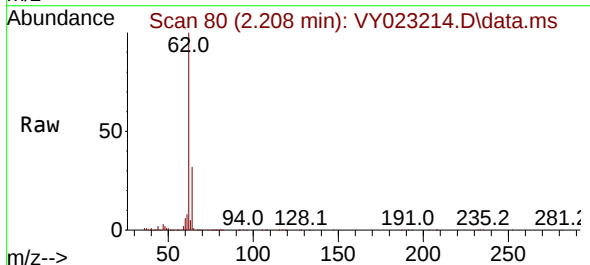
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ClientSampleId :
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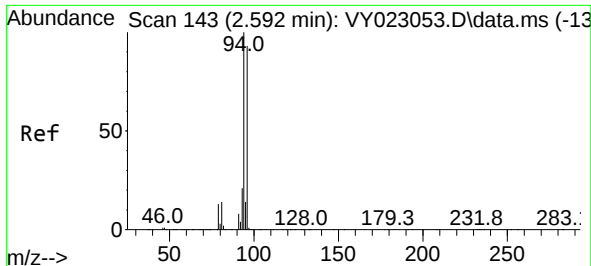
Tgt Ion: 50 Resp: 295218
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1



#4
Vinyl Chloride
Concen: 43.880 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 62 Resp: 388971
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

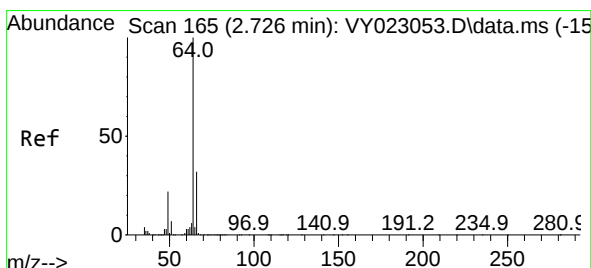
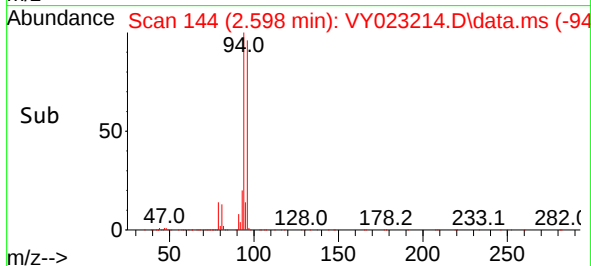
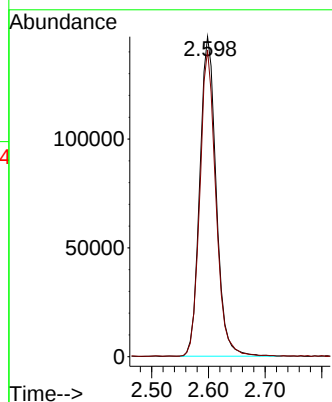
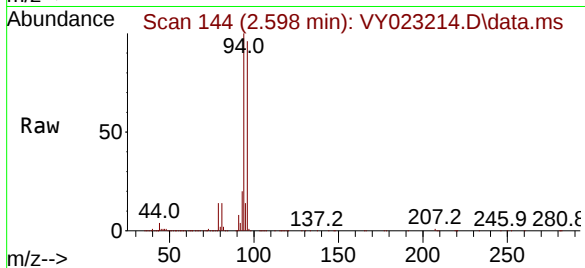




#5
Bromomethane
Concen: 44.537 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

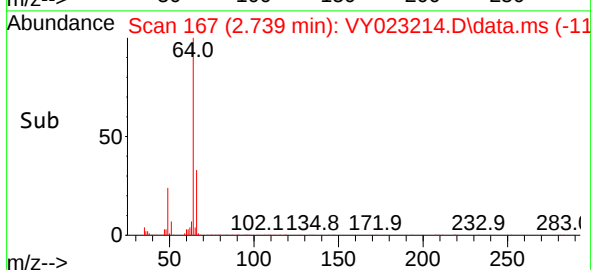
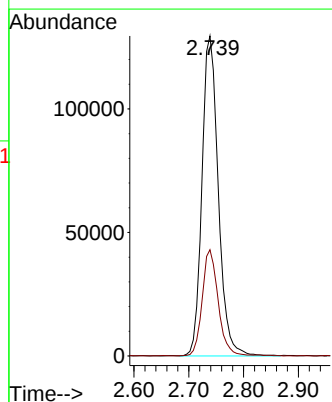
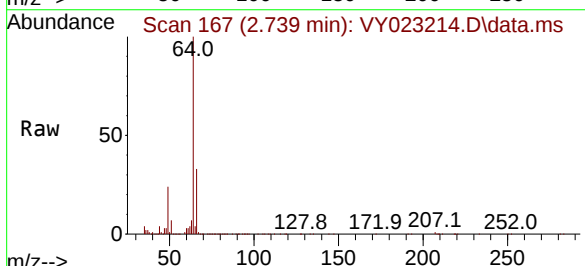
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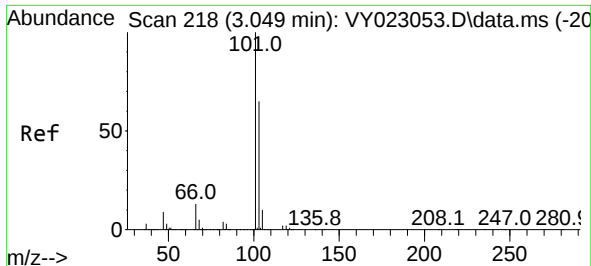
Tgt Ion: 94 Resp: 294842
Ion Ratio Lower Upper
94 100
96 95.8 74.6 112.0



#6
Chloroethane
Concen: 45.544 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 64 Resp: 268404
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.6

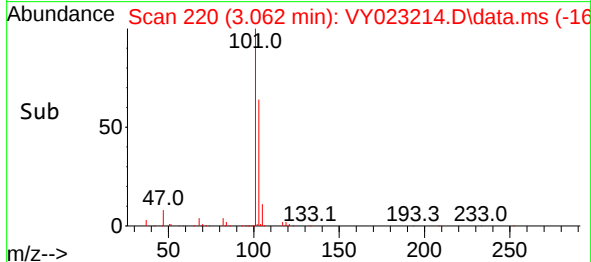
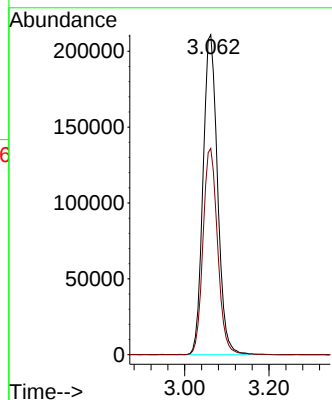
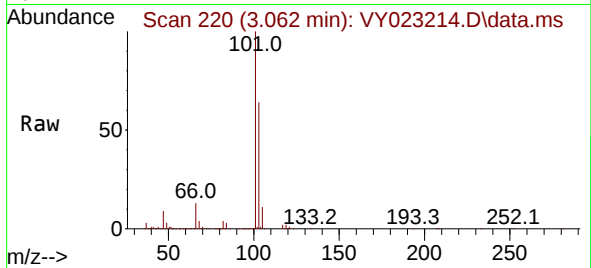




#7
 Trichlorofluoromethane
 Concen: 46.876 ug/l
 RT: 3.062 min Scan# 218
 Delta R.T. 0.012 min
 Lab File: VY023214.D
 Acq: 28 Aug 2025 09:03

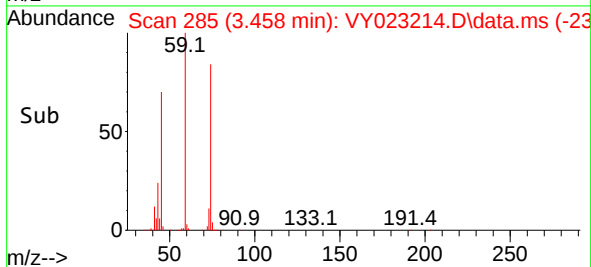
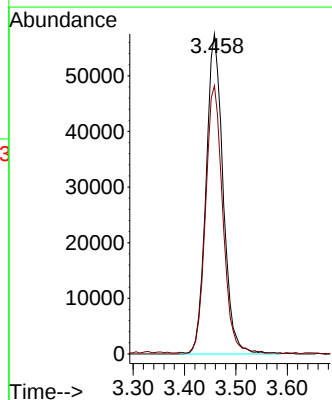
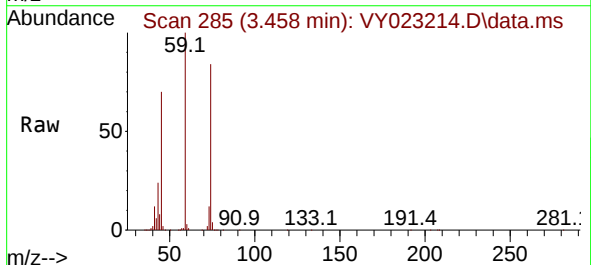
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 505264
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 46.498 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023214.D
 Acq: 28 Aug 2025 09:03

Tgt Ion: 74 Resp: 132596
 Ion Ratio Lower Upper
 74 100
 45 83.8 44.4 133.2

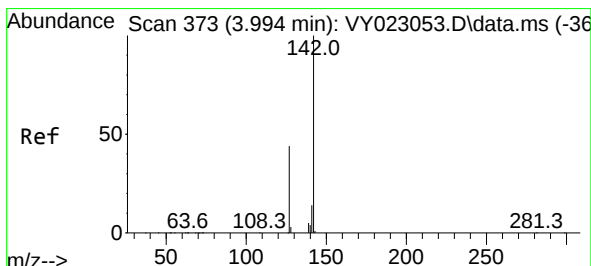
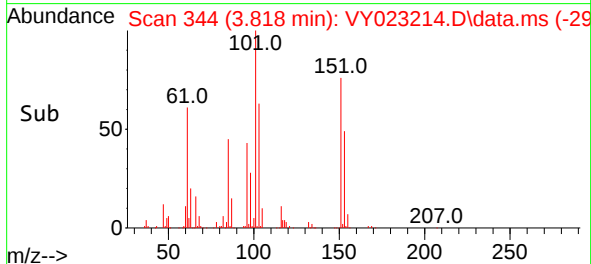
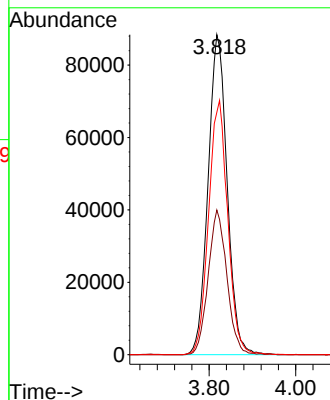
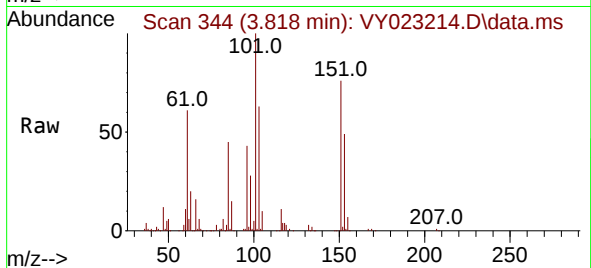




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.880 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023214.D
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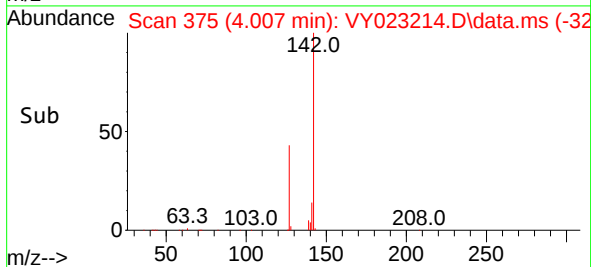
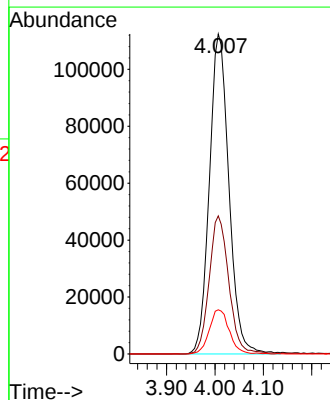
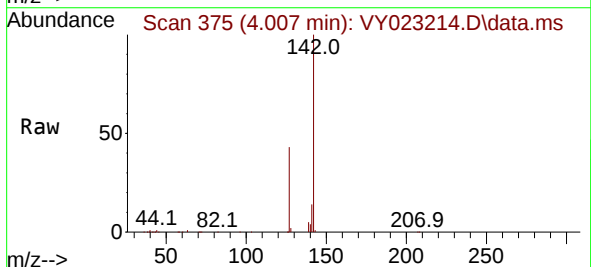
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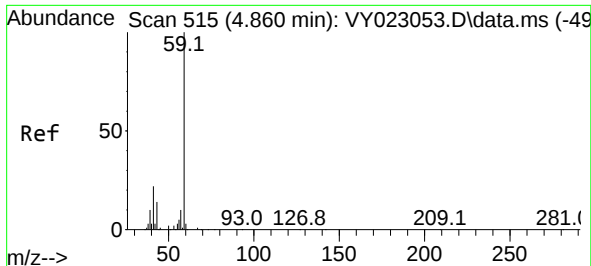
Tgt Ion:101 Resp: 270559
Ion Ratio Lower Upper
101 100
85 44.5 36.3 54.5
151 79.8 61.5 92.3



#10
Methyl Iodide
Concen: 55.012 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion:142 Resp: 315665
Ion Ratio Lower Upper
142 100
127 43.3 34.9 52.3
141 14.1 11.3 16.9

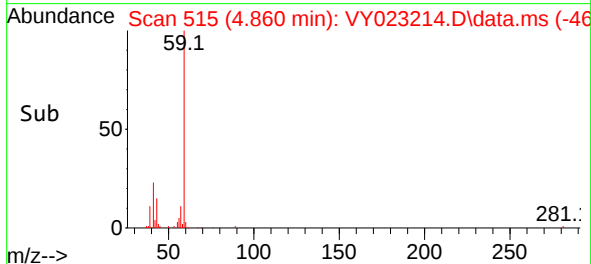
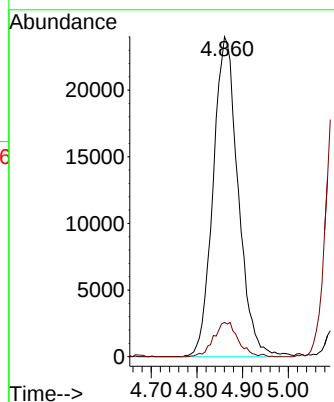
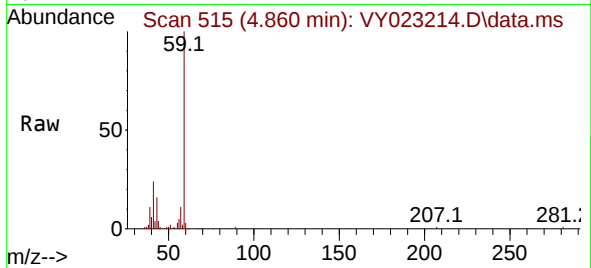




#11
Tert butyl alcohol
Concen: 257.913 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

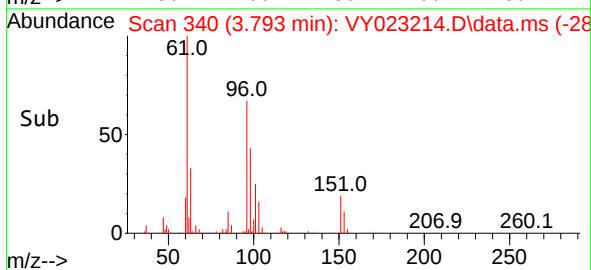
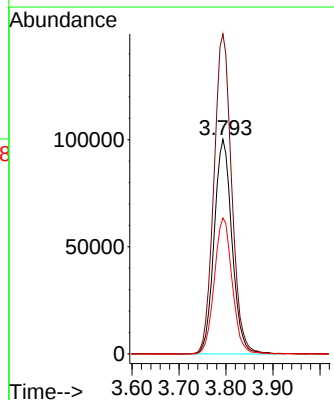
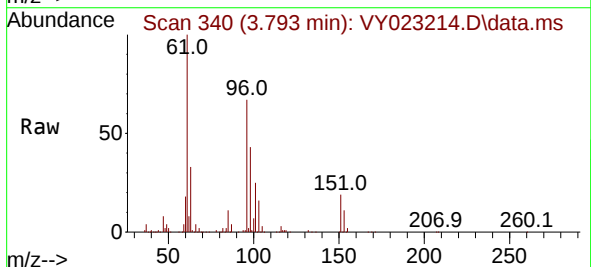
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 91355
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 50.501 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 96 Resp: 263962
Ion Ratio Lower Upper
96 100
61 149.1 129.4 194.2
98 63.4 52.8 79.2





#13

Acrolein

Concen: 51.771 ug/l

RT: 3.653 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

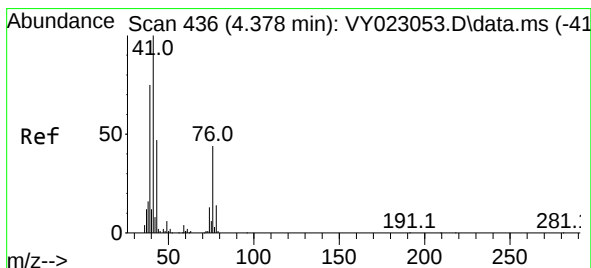
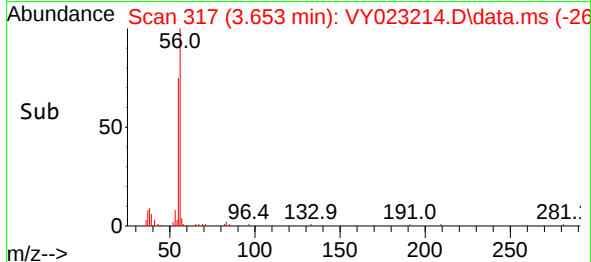
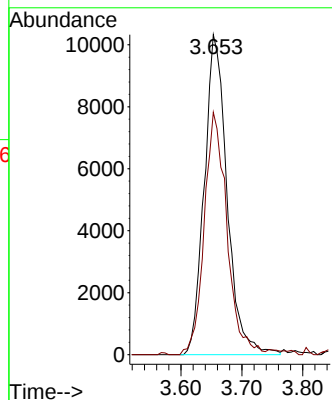
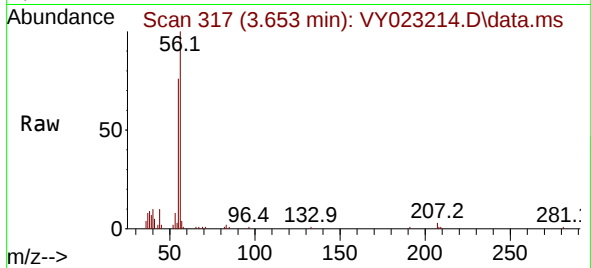
VSTDCCC050

Tgt Ion: 56 Resp: 26856

Ion Ratio Lower Upper

56 100

55 75.3 55.2 82.8



#14

Allyl chloride

Concen: 45.555 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

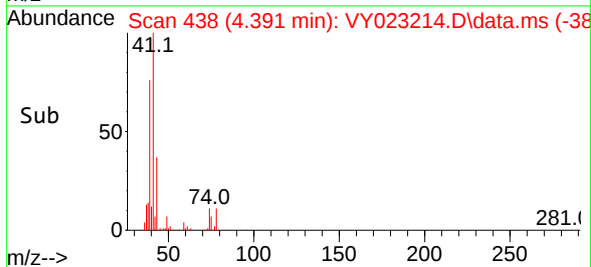
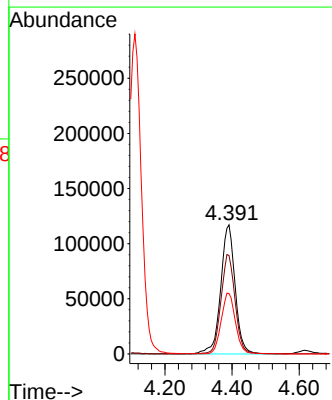
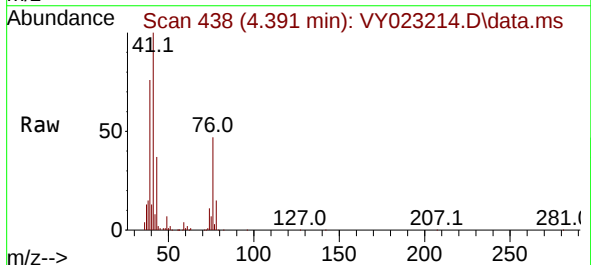
Tgt Ion: 41 Resp: 350361

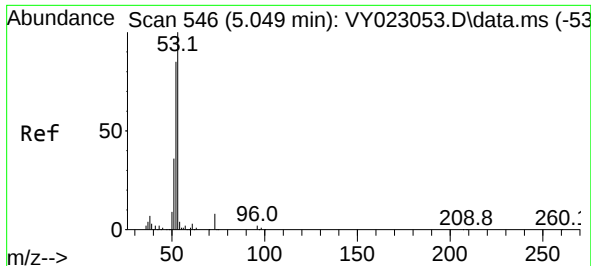
Ion Ratio Lower Upper

41 100

39 74.9 59.8 89.6

76 46.3 33.7 50.5

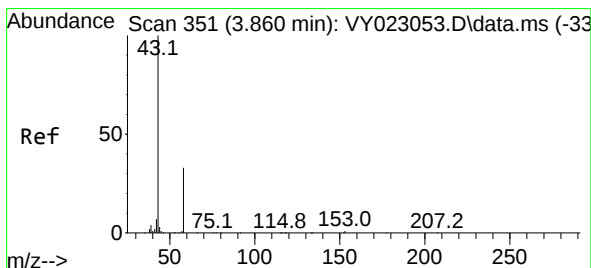
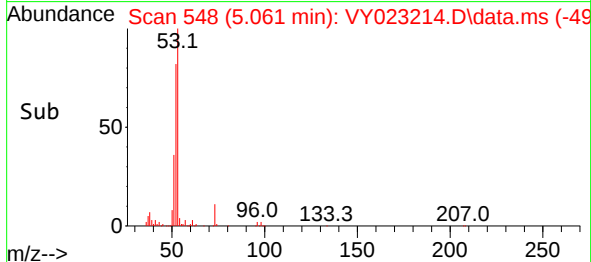
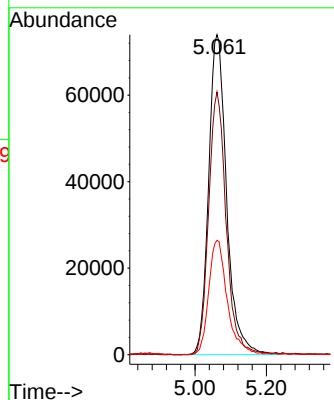
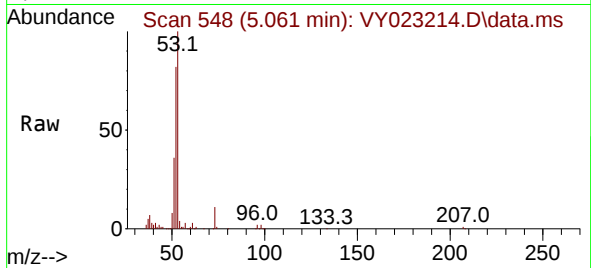




#15
Acrylonitrile
Concen: 223.070 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

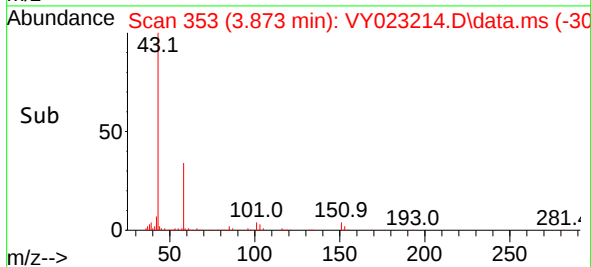
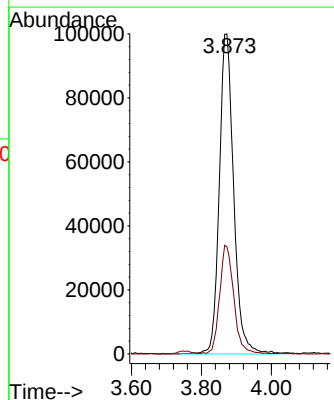
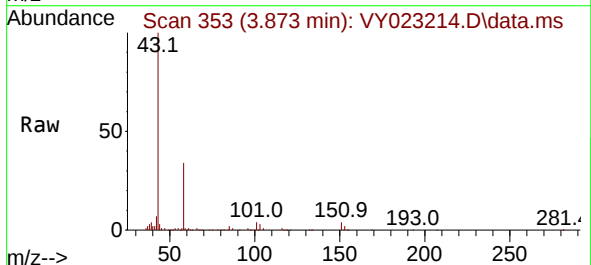
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

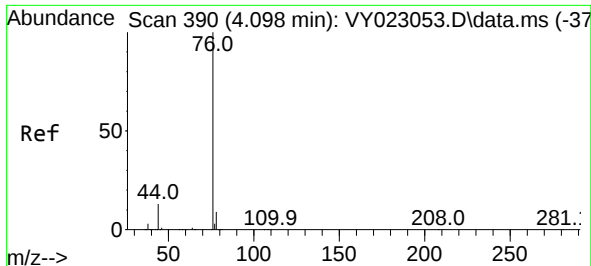
Tgt Ion: 53 Resp: 258615
Ion Ratio Lower Upper
53 100
52 80.0 65.3 97.9
51 37.0 29.5 44.3



#16
Acetone
Concen: 254.681 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 43 Resp: 285229
Ion Ratio Lower Upper
43 100
58 33.3 27.1 40.7

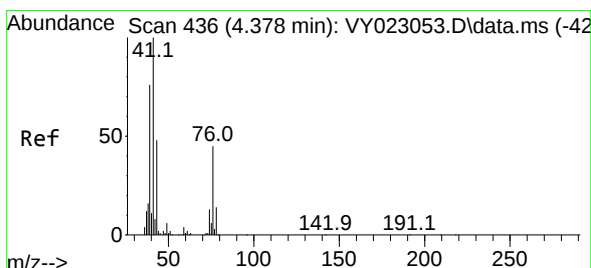
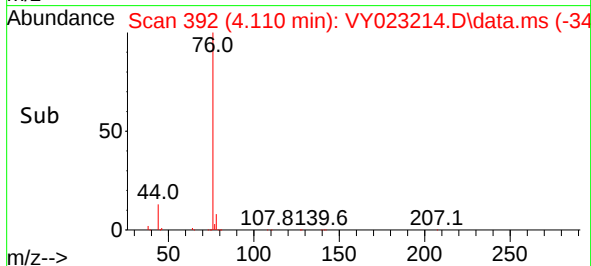
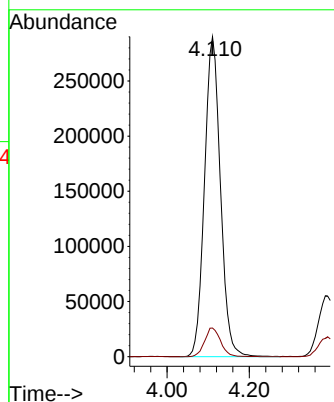
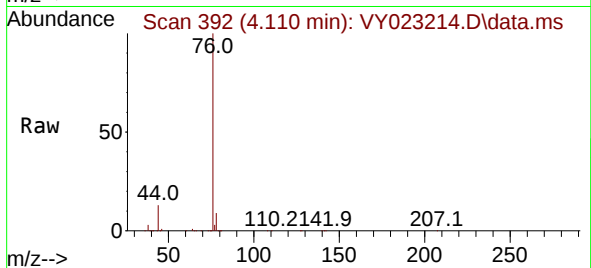




#17
Carbon Disulfide
Concen: 45.771 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

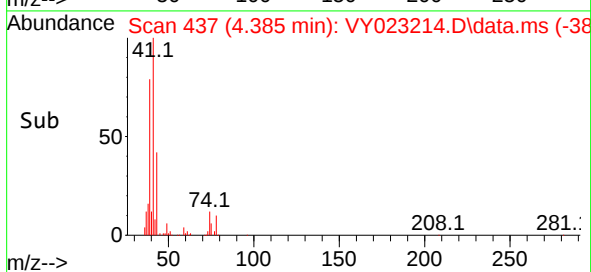
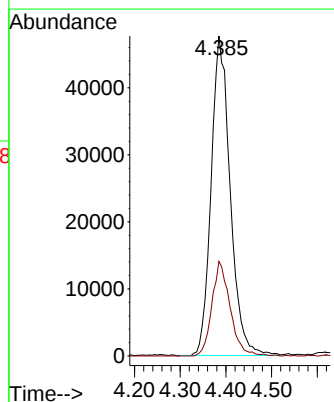
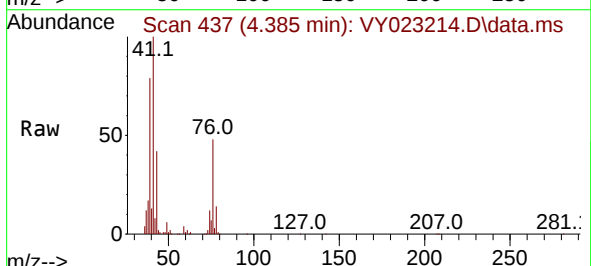
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

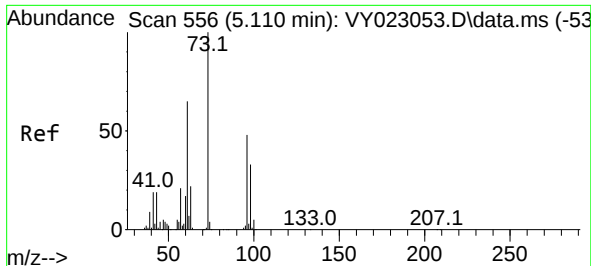
Tgt Ion: 76 Resp: 780060
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 41.410 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 43 Resp: 138010
Ion Ratio Lower Upper
43 100
74 28.3 21.2 31.8

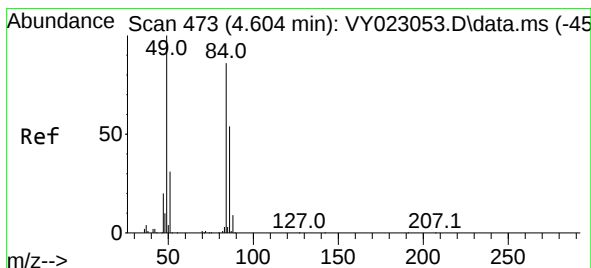
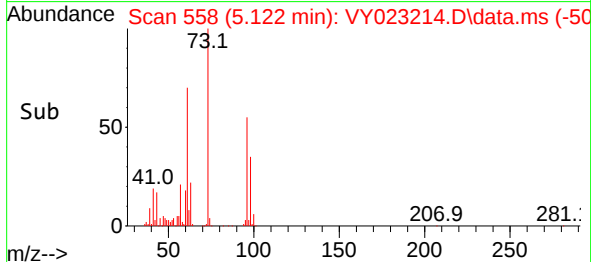
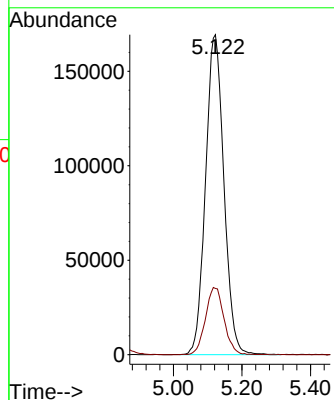
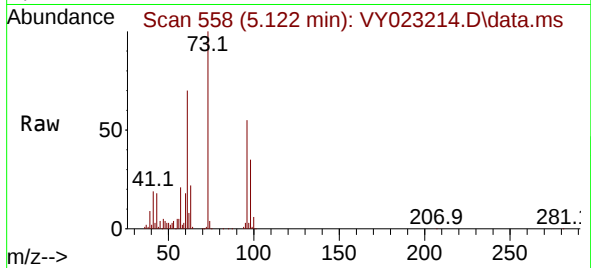




#19
Methyl tert-butyl Ether
Concen: 46.620 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

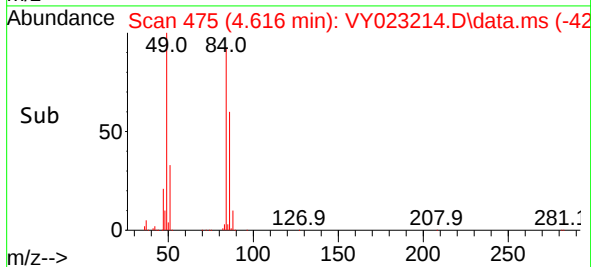
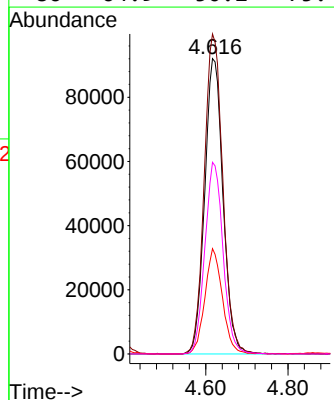
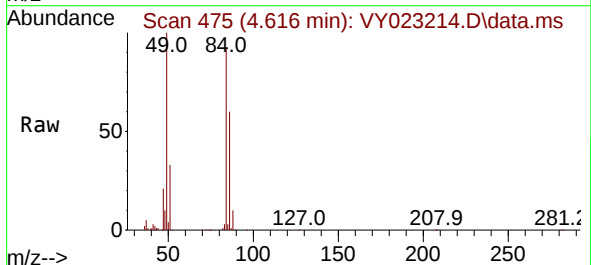
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

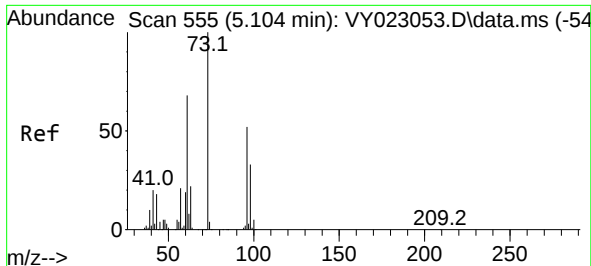
Tgt Ion: 73 Resp: 631439
Ion Ratio Lower Upper
73 100
57 20.7 17.1 25.7



#20
Methylene Chloride
Concen: 49.006 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 84 Resp: 285508
Ion Ratio Lower Upper
84 100
49 108.3 93.0 139.6
51 35.6 29.0 43.4
86 64.9 50.2 75.4

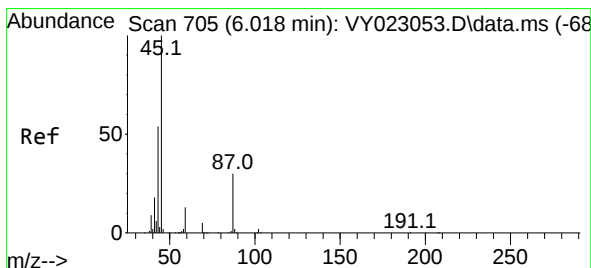
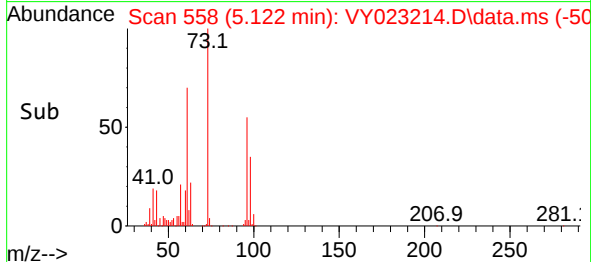
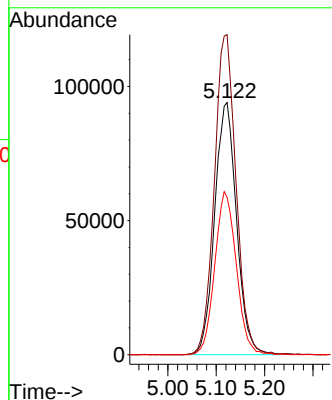
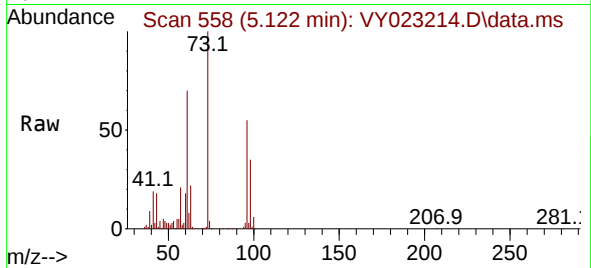




#21
trans-1,2-Dichloroethene
Concen: 50.350 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

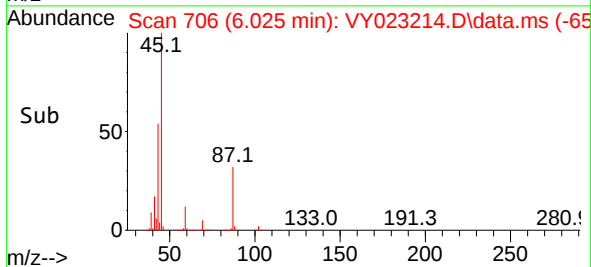
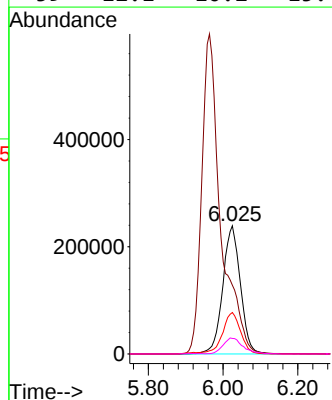
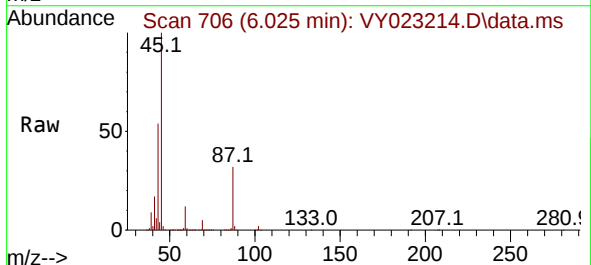
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 295750
Ion Ratio Lower Upper
96 100
61 126.9 104.8 157.2
98 62.4 50.1 75.1



#22
Diisopropyl ether
Concen: 46.999 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 45 Resp: 785482
Ion Ratio Lower Upper
45 100
43 53.6 43.4 65.0
87 32.3 24.4 36.6
59 12.1 10.2 15.4

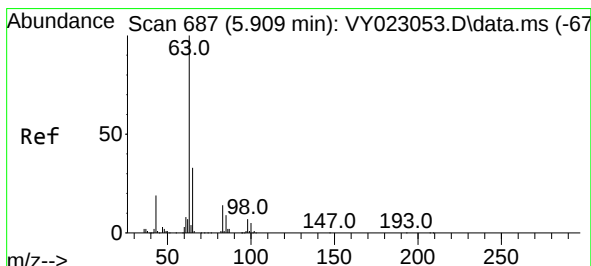
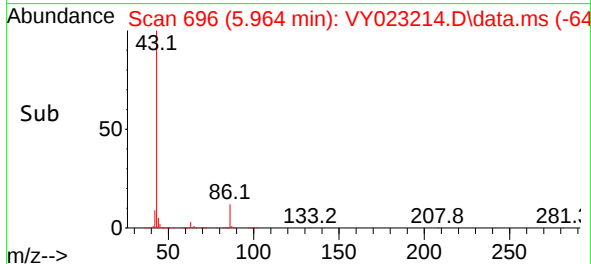
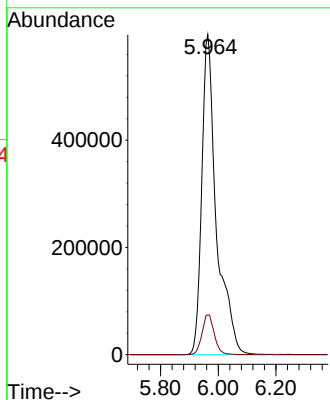
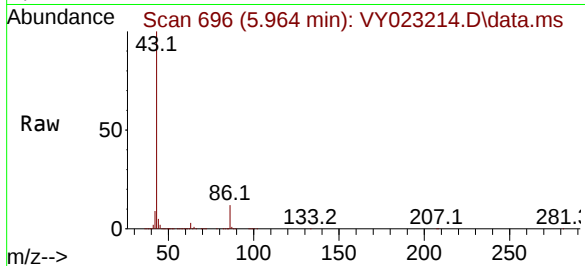




#23
 Vinyl Acetate
 Concen: 227.398 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023214.D
 Acq: 28 Aug 2025 09:03

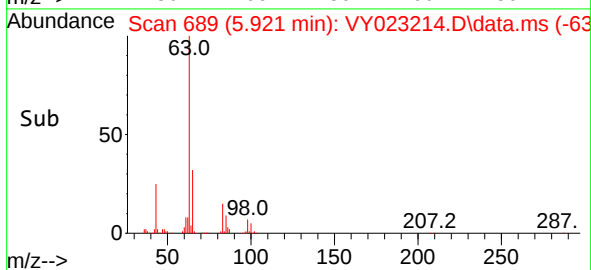
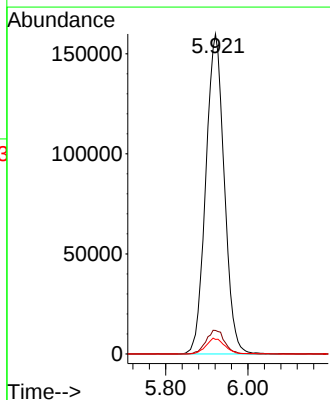
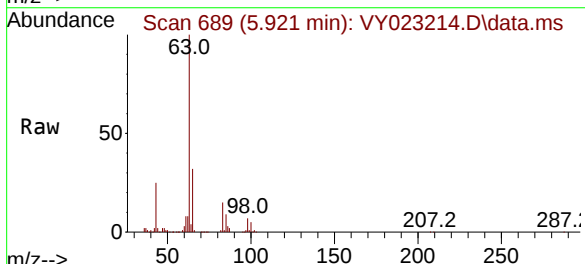
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

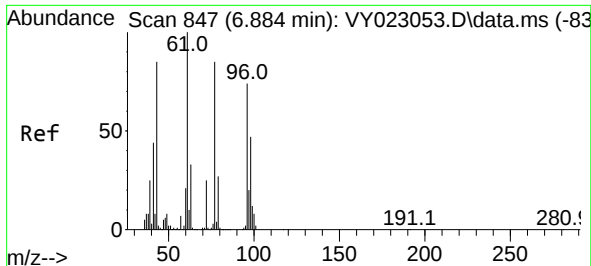
Tgt Ion: 43 Resp: 2101431
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 48.768 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023214.D
 Acq: 28 Aug 2025 09:03

Tgt Ion: 63 Resp: 498302
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.5 2.4 7.1

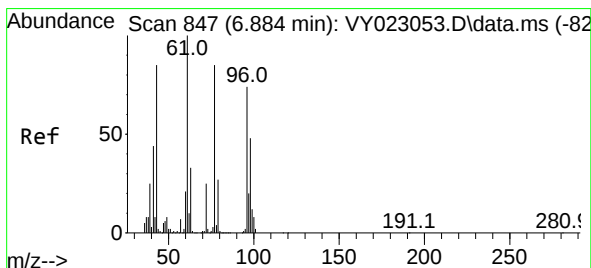
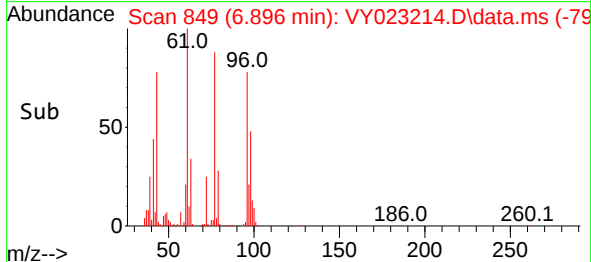
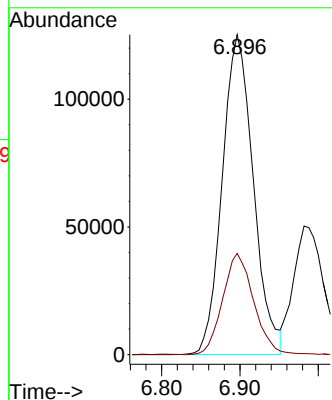
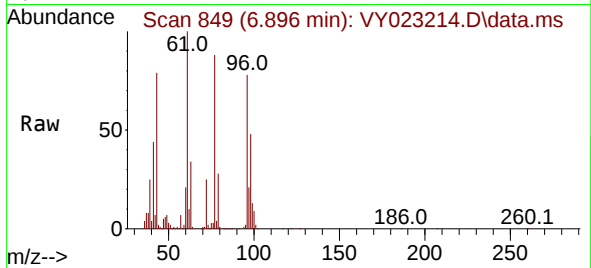




#25
2-Butanone
Concen: 226.278 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

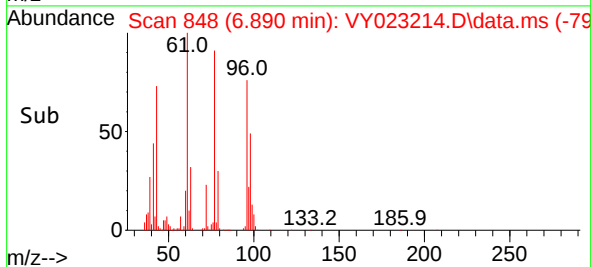
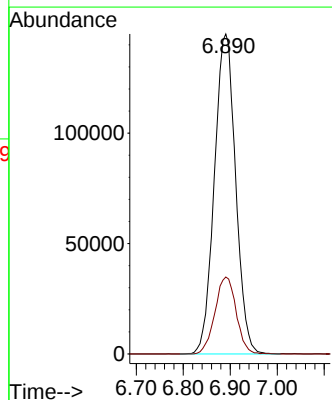
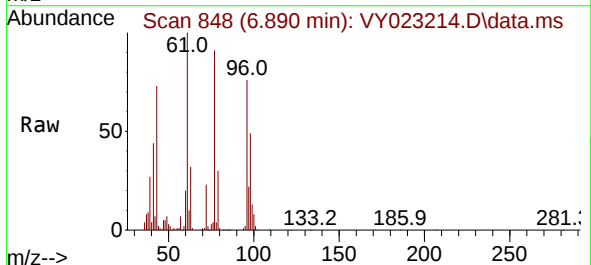
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

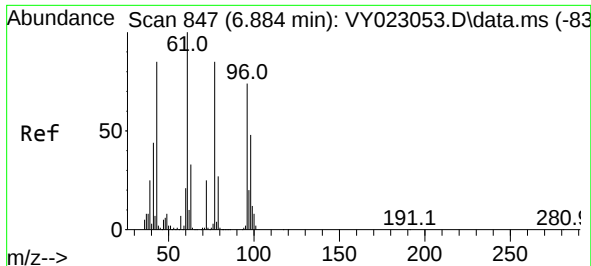
Tgt Ion: 43 Resp: 344660
Ion Ratio Lower Upper
43 100
72 31.6 23.5 35.3



#26
2,2-Dichloropropane
Concen: 51.668 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 77 Resp: 455542
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.829 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

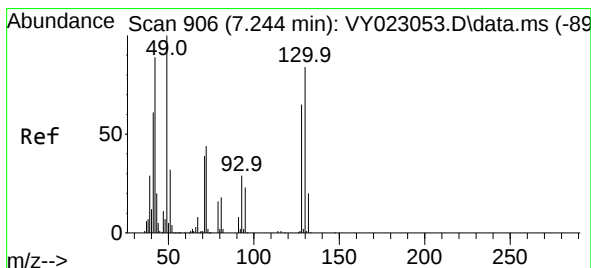
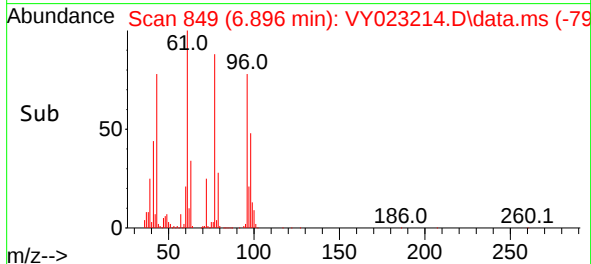
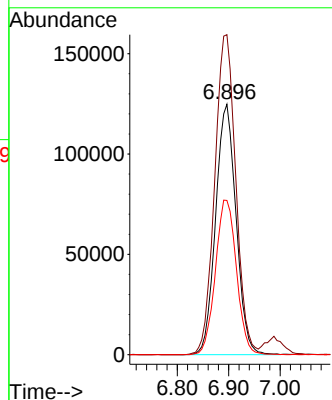
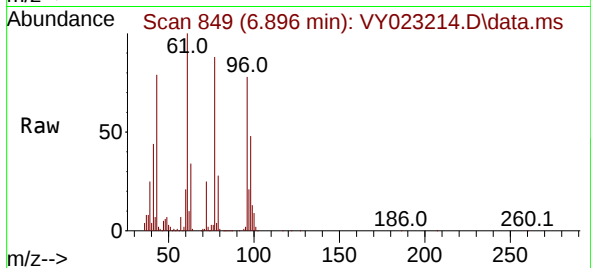
Tgt Ion: 96 Resp: 345158

Ion Ratio Lower Upper

96 100

61 131.6 0.0 278.6

98 63.6 0.0 130.4



#28

Bromochloromethane

Concen: 43.610 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

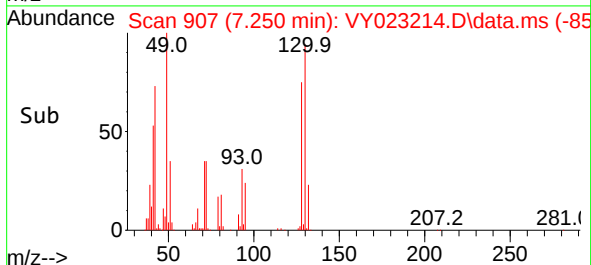
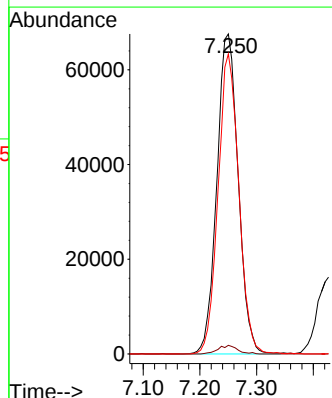
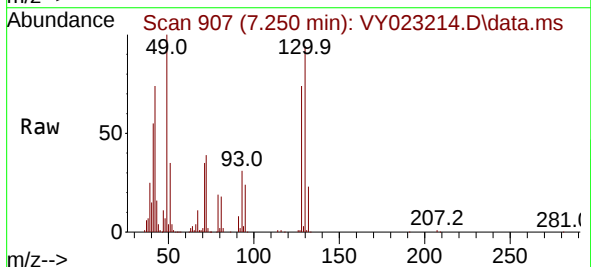
Tgt Ion: 49 Resp: 176788

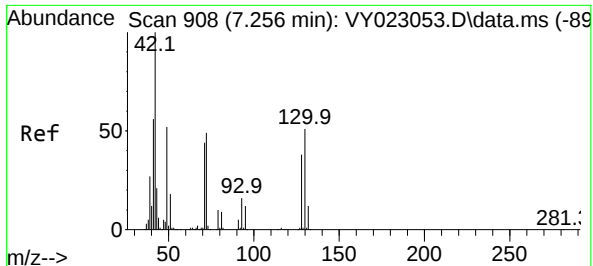
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 91.0 66.4 99.6





#29

Tetrahydrofuran

Concen: 209.726 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

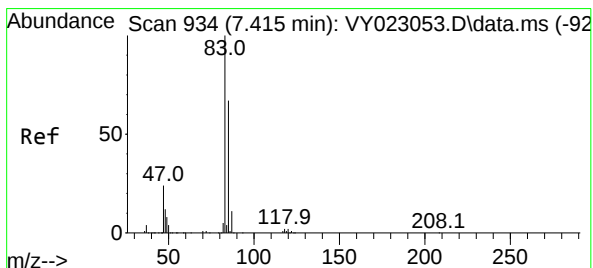
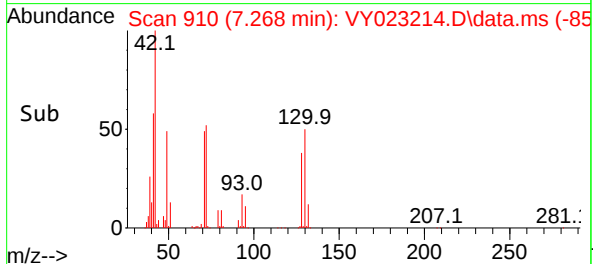
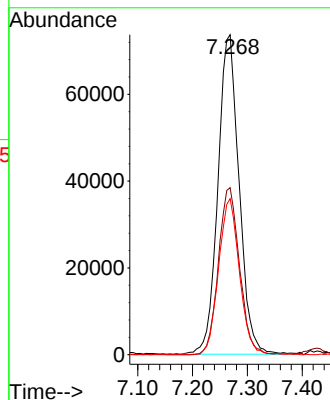
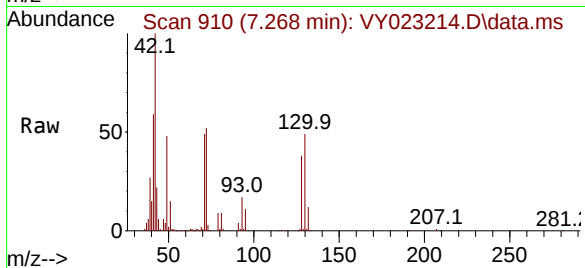
Tgt Ion: 42 Resp: 198013

Ion Ratio Lower Upper

42 100

72 52.0 39.4 59.2

71 48.0 36.5 54.7



#30

Chloroform

Concen: 49.720 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023214.D

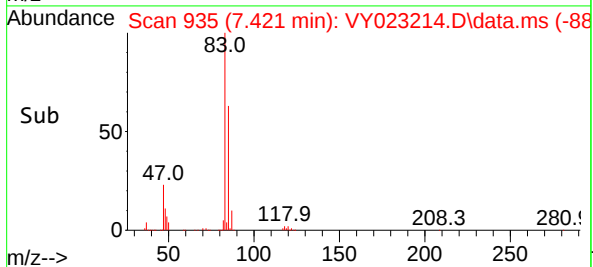
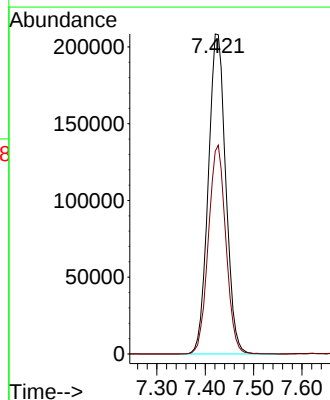
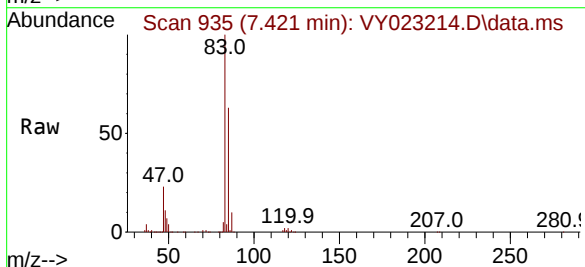
Acq: 28 Aug 2025 09:03

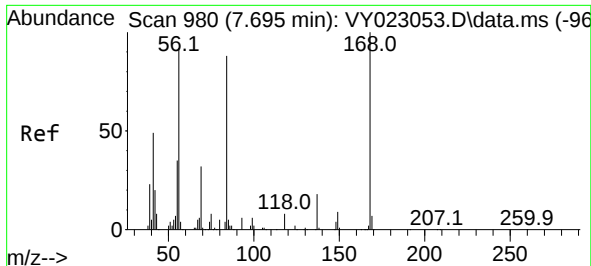
Tgt Ion: 83 Resp: 523945

Ion Ratio Lower Upper

83 100

85 63.3 53.8 80.8

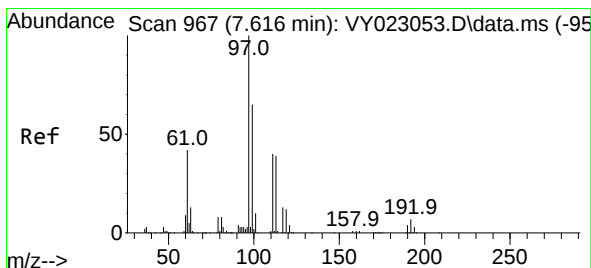
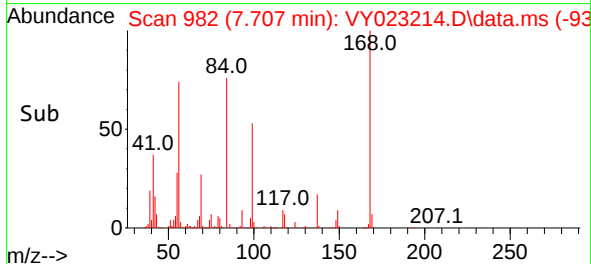
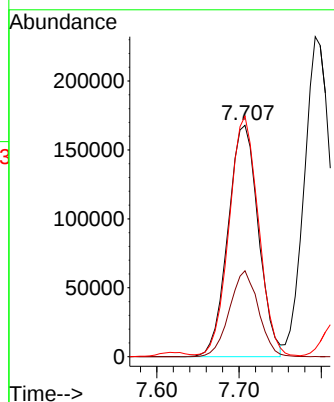
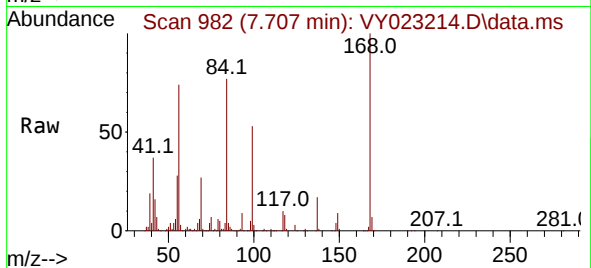




#31
Cyclohexane
Concen: 44.919 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

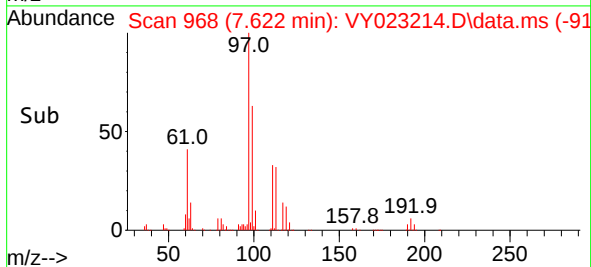
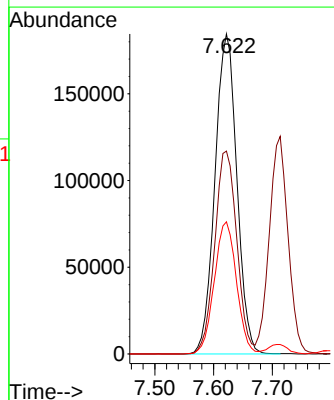
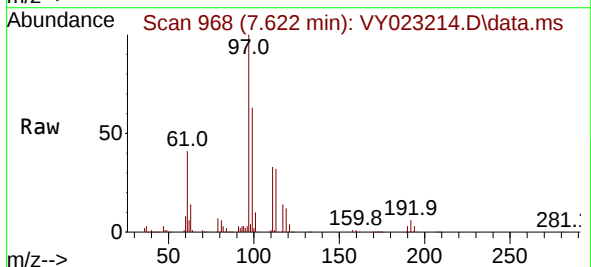
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 432516
Ion Ratio Lower Upper
56 100
69 37.1 28.2 42.2
84 102.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 51.073 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 97 Resp: 477557
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 41.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 42.289 ug/l

RT: 8.067 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

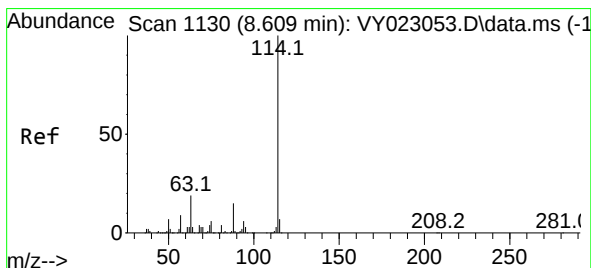
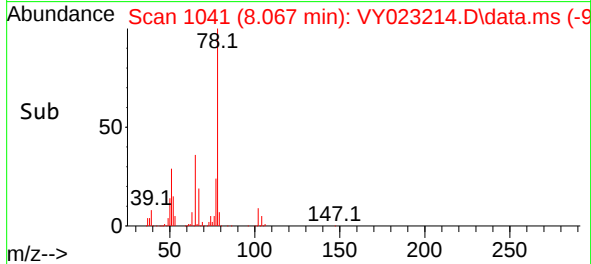
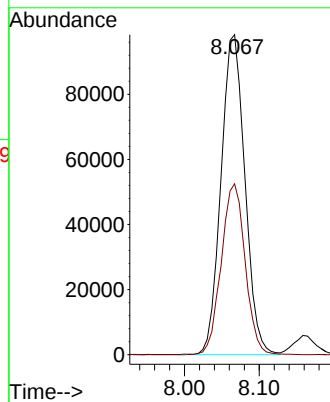
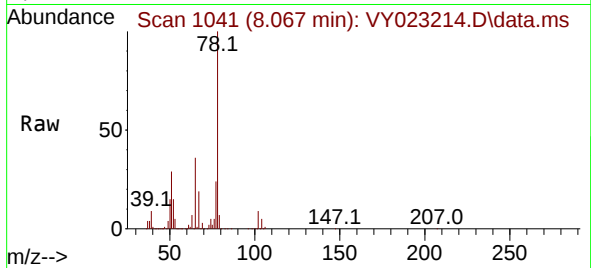
VSTDCCC050

Tgt Ion: 65 Resp: 218613

Ion Ratio Lower Upper

65 100

67 53.4 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: VY023214.D

Acq: 28 Aug 2025 09:03

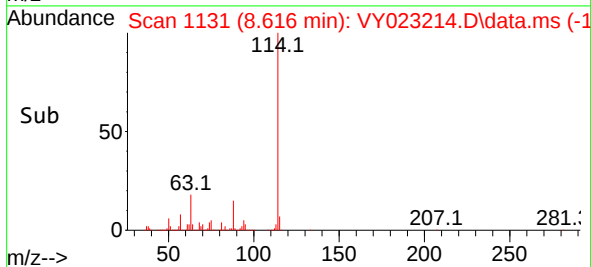
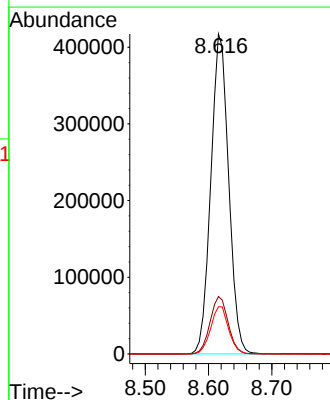
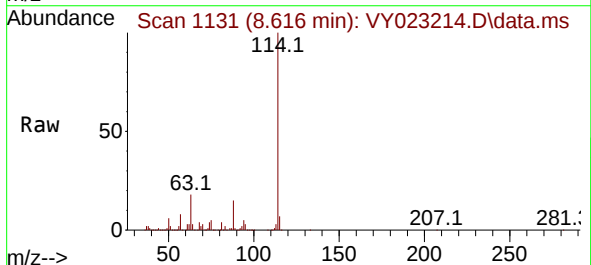
Tgt Ion: 114 Resp: 816314

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

88 14.7 0.0 30.0

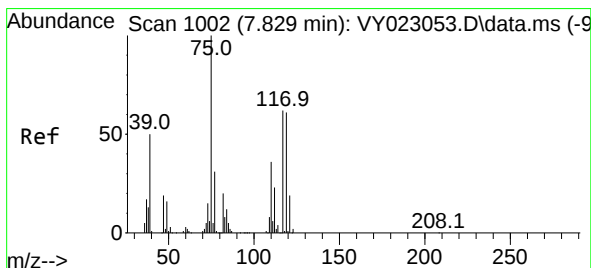
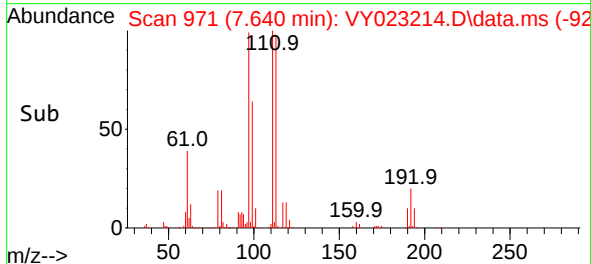
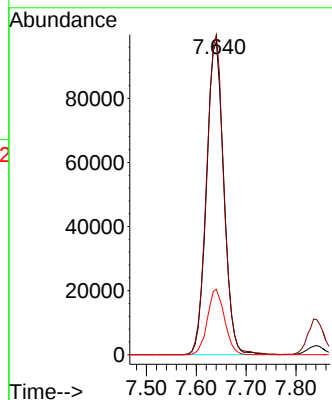
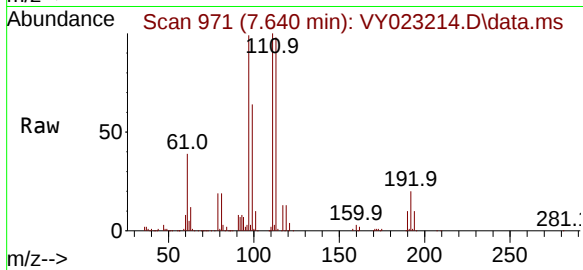




#35
Dibromofluoromethane
Concen: 48.190 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

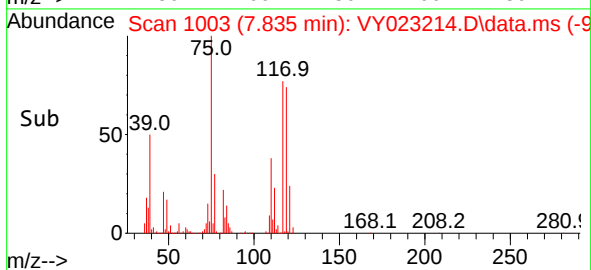
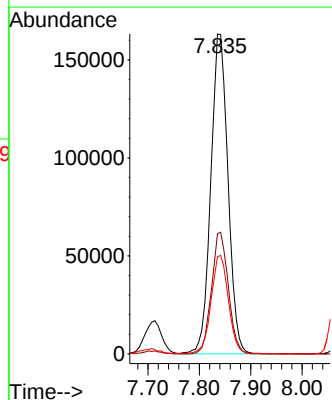
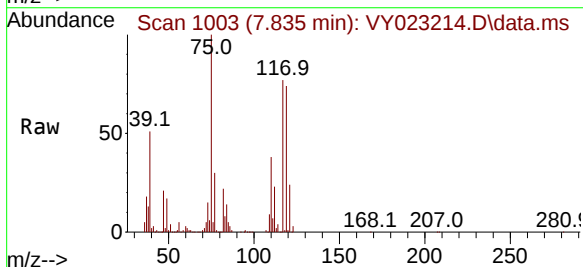
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

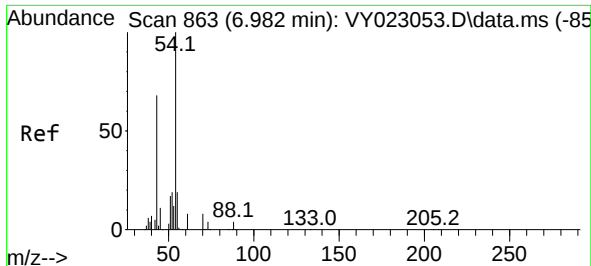
Tgt Ion:113 Resp: 235387
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 20.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 52.071 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 75 Resp: 377989
Ion Ratio Lower Upper
75 100
110 37.3 18.1 54.4
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 45.235 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

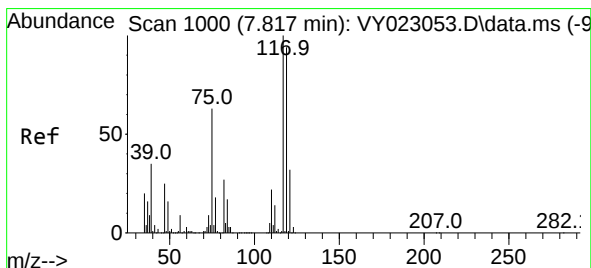
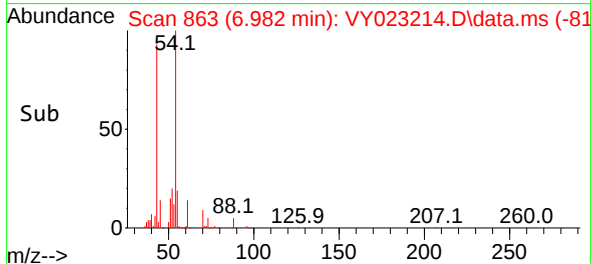
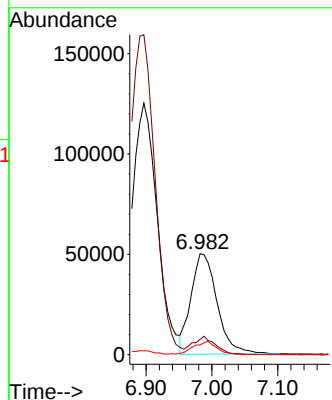
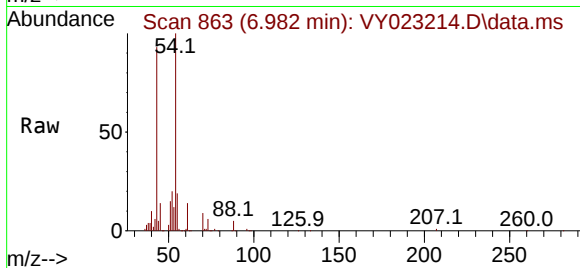
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 137937

Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.9	17.9
70	12.1	8.8	13.2



#38

Carbon Tetrachloride

Concen: 54.588 ug/l

RT: 7.823 min Scan# 1001

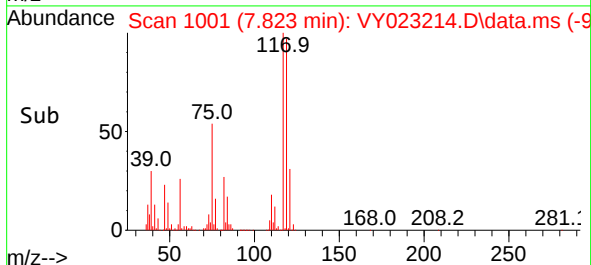
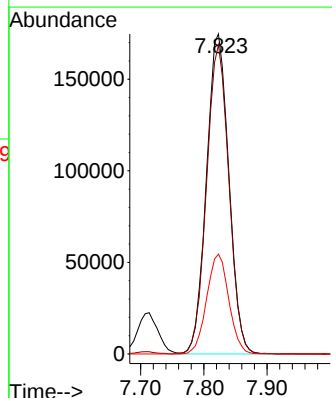
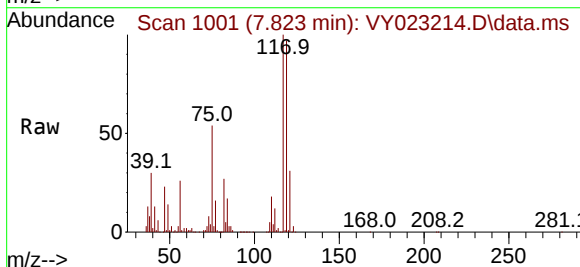
Delta R.T. 0.006 min

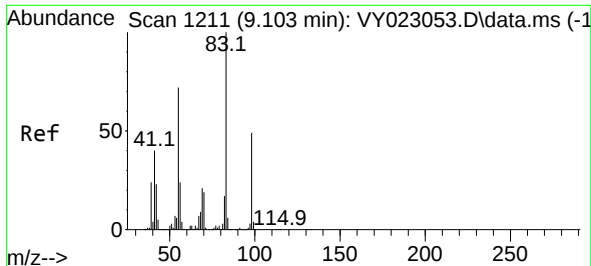
Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Tgt Ion: 117 Resp: 430396

Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.6	113.4
121	31.2	25.8	38.8





#39

Methylcyclohexane

Concen: 52.539 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

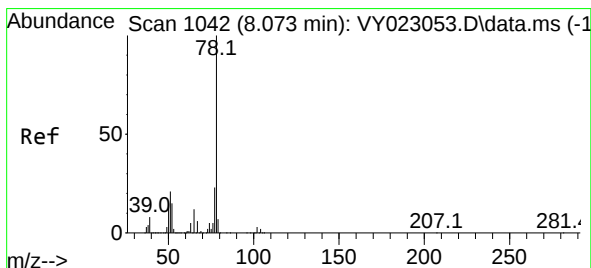
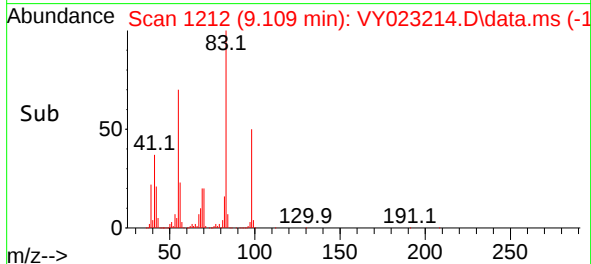
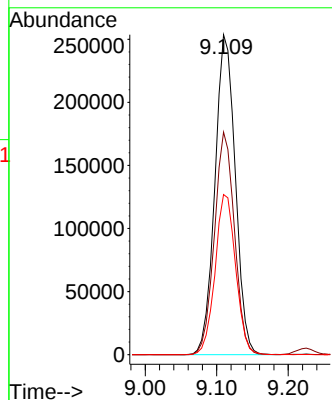
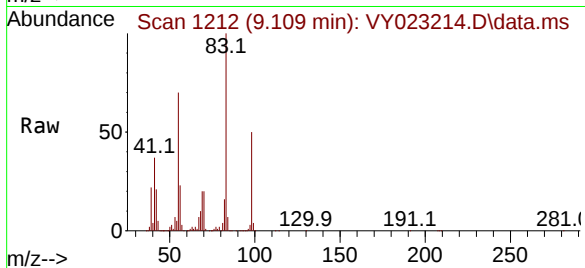
Tgt Ion: 83 Resp: 502239

Ion Ratio Lower Upper

83 100

55 69.5 57.6 86.4

98 50.1 39.2 58.8



#40

Benzene

Concen: 52.330 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023214.D

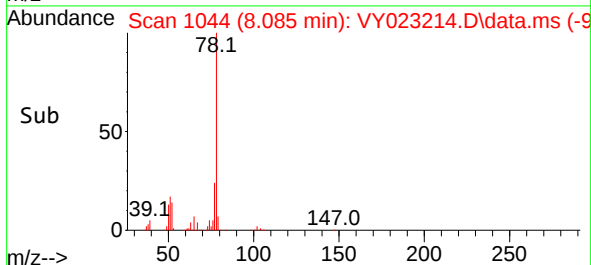
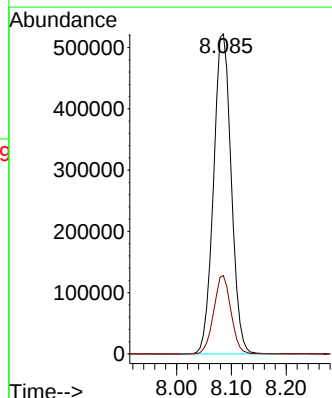
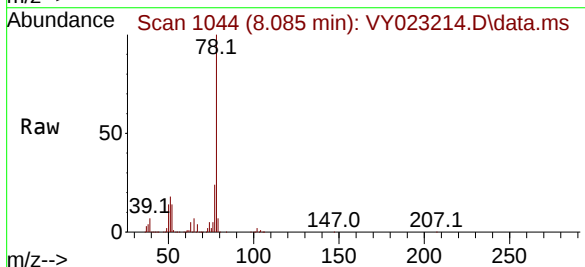
Acq: 28 Aug 2025 09:03

Tgt Ion: 78 Resp: 1170824

Ion Ratio Lower Upper

78 100

77 24.5 18.6 28.0

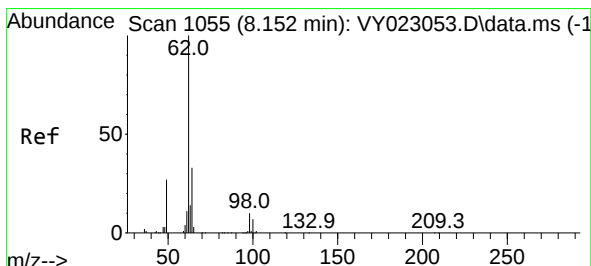
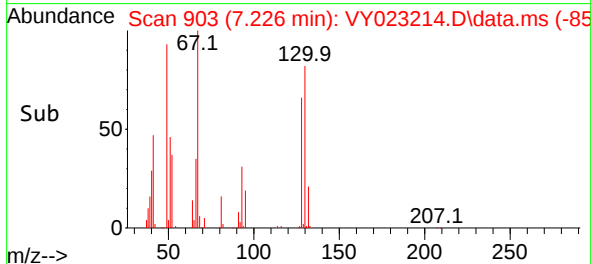
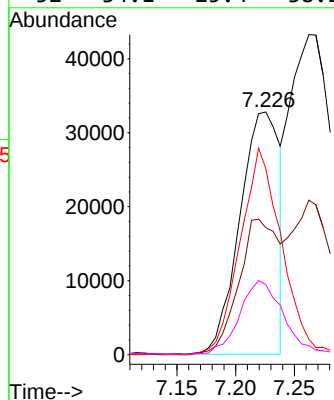
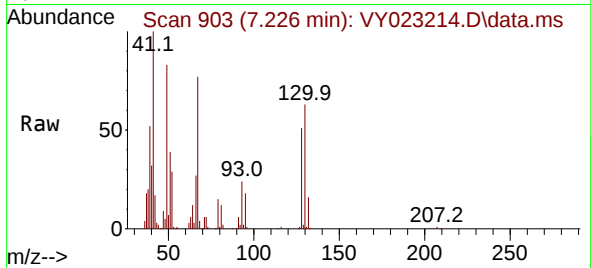




#41
Methacrylonitrile
Concen: 43.788 ug/l
RT: 7.226 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

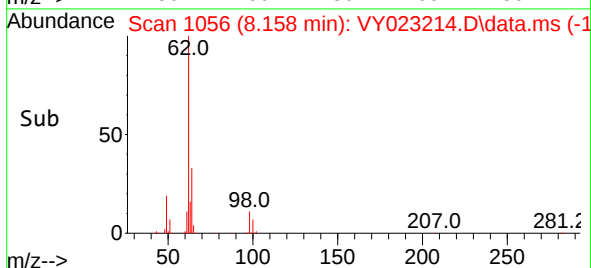
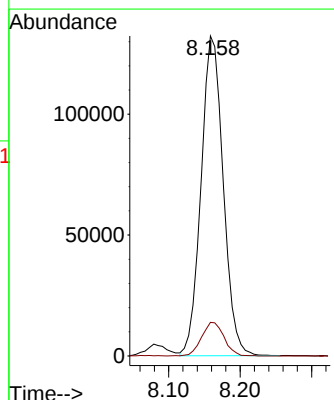
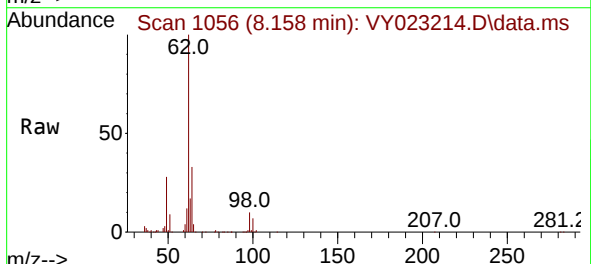
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

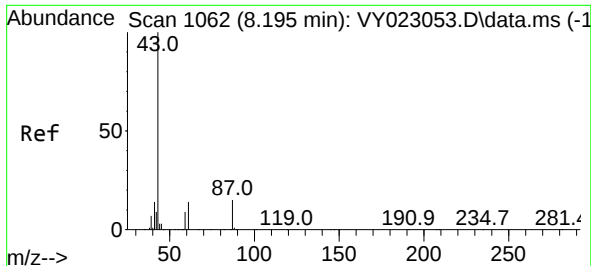
Tgt Ion: 41 Resp: 77060
Ion Ratio Lower Upper
41 100
39 55.8 43.4 65.2
67 89.8 63.6 95.4
52 34.1 25.4 38.2



#42
1,2-Dichloroethane
Concen: 48.938 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 62 Resp: 284771
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.6

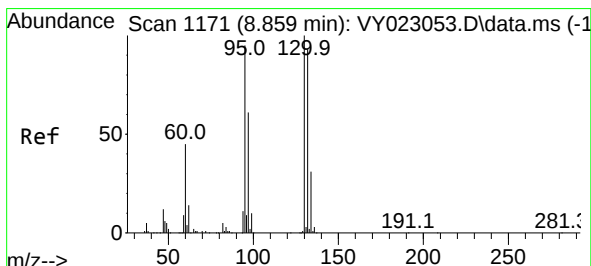
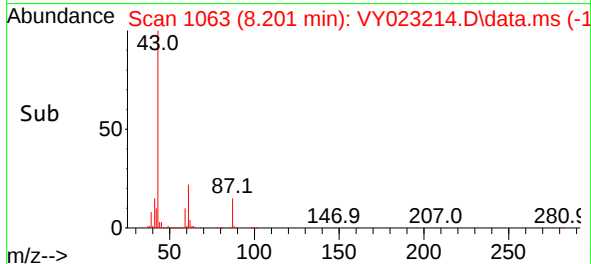
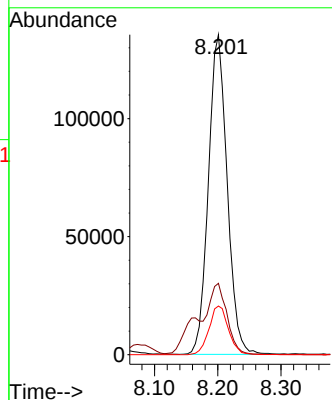
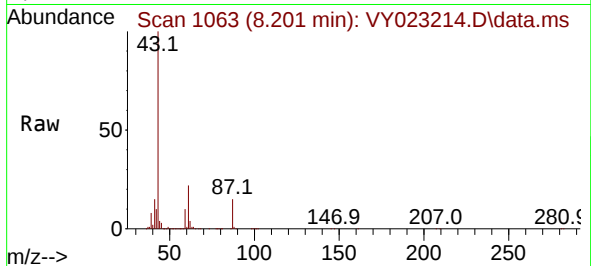




#43
Isopropyl Acetate
Concen: 45.435 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

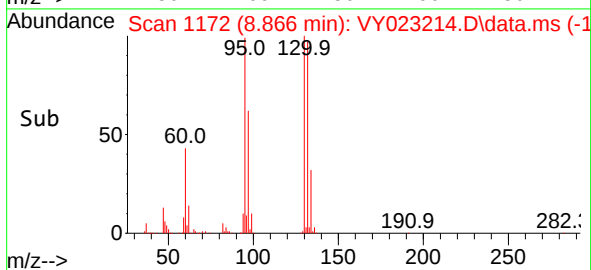
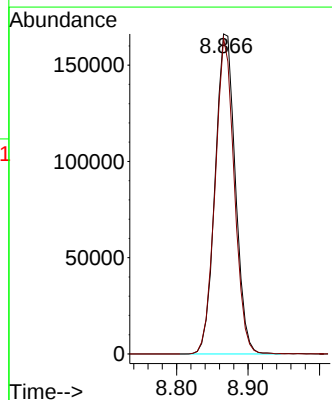
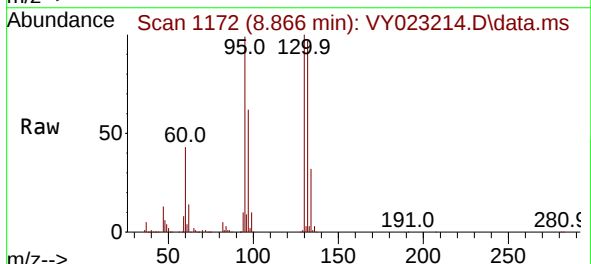
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 280030
Ion Ratio Lower Upper
43 100
61 21.5 16.4 24.6
87 15.8 11.8 17.6



#44
Trichloroethene
Concen: 56.258 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion:130 Resp: 325280
Ion Ratio Lower Upper
130 100
95 98.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 51.190 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

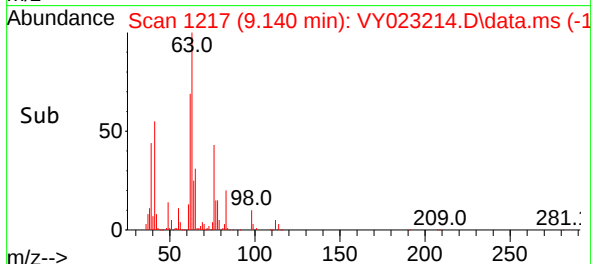
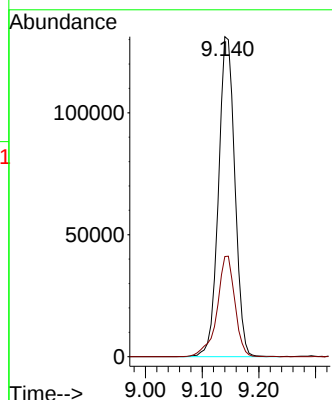
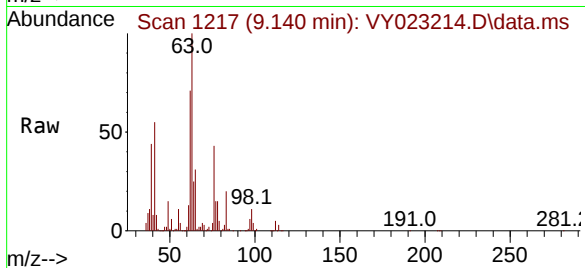
VSTDCCC050

Tgt Ion: 63 Resp: 263525

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 51.367 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

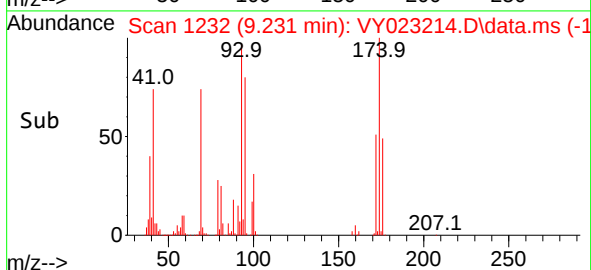
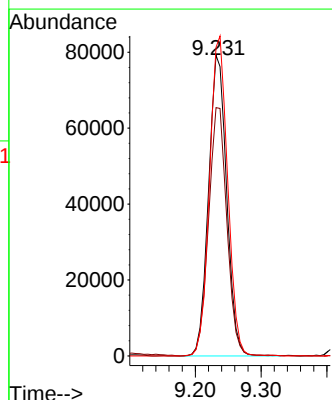
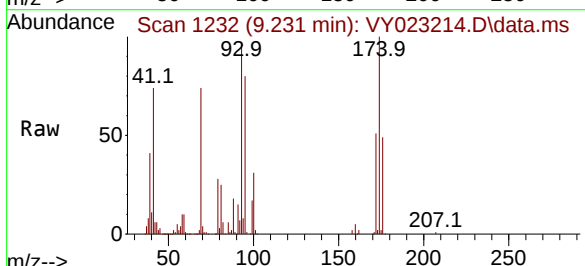
Tgt Ion: 93 Resp: 151778

Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

174 106.2 81.8 122.8

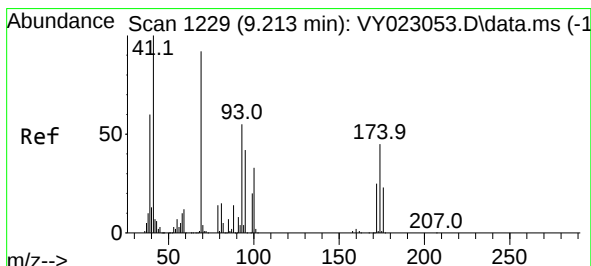
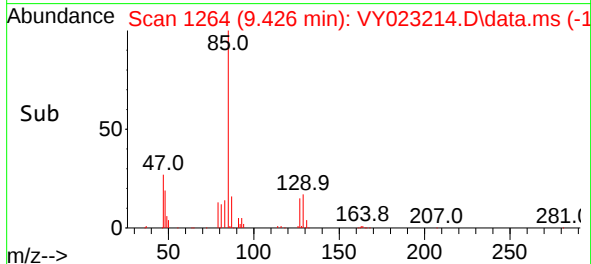
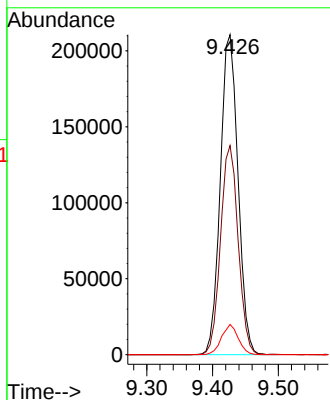
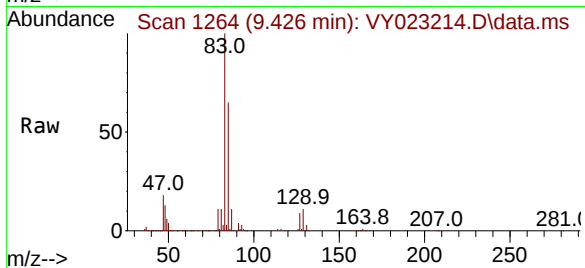




#47
Bromodichloromethane
Concen: 51.895 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

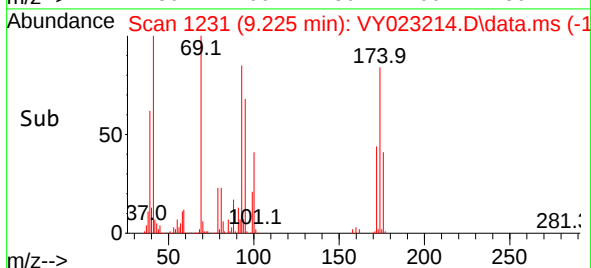
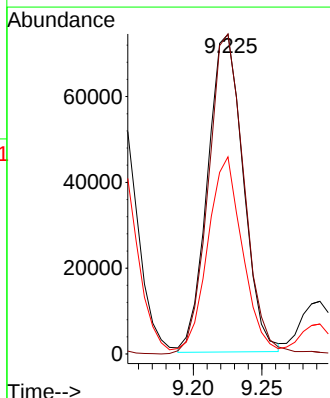
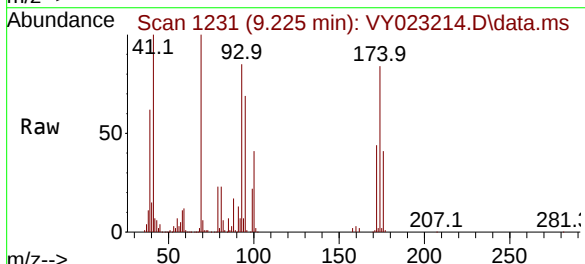
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 394556
Ion Ratio Lower Upper
83 100
85 65.4 50.2 75.4
127 9.5 6.6 10.0



#48
Methyl methacrylate
Concen: 45.346 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 41 Resp: 133737
Ion Ratio Lower Upper
41 100
69 101.0 73.2 109.8
39 58.2 47.0 70.4





#49

1,4-Dioxane

Concen: 918.124 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

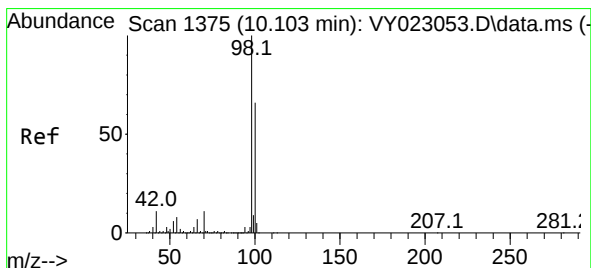
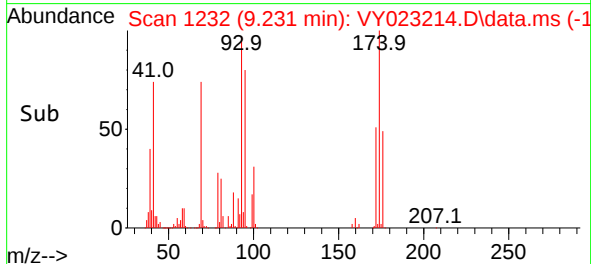
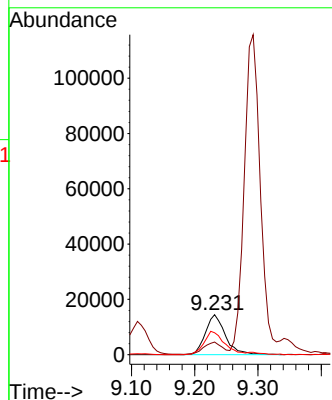
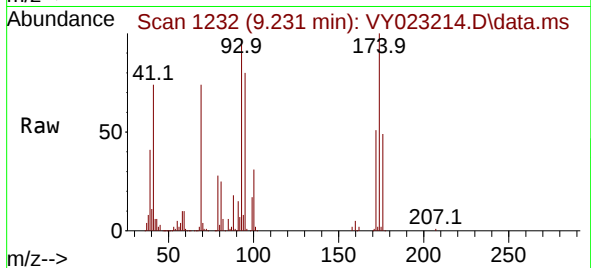
Tgt Ion: 88 Resp: 31809

Ion Ratio Lower Upper

88 100

43 28.8 24.3 36.5

58 59.2 55.4 83.0



#50

Toluene-d8

Concen: 48.285 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023214.D

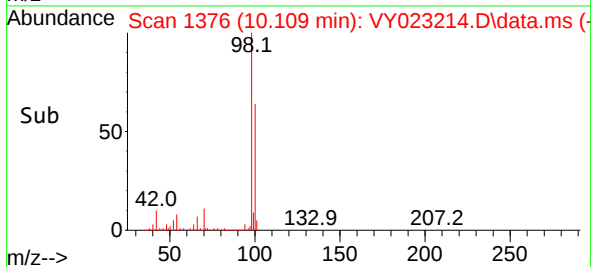
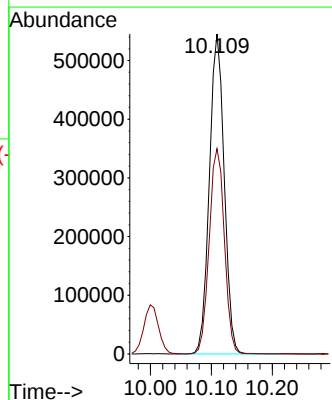
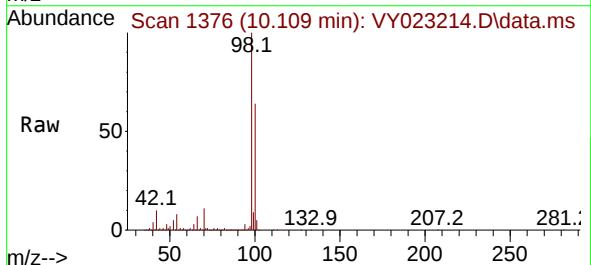
Acq: 28 Aug 2025 09:03

Tgt Ion: 98 Resp: 921374

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 232.142 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

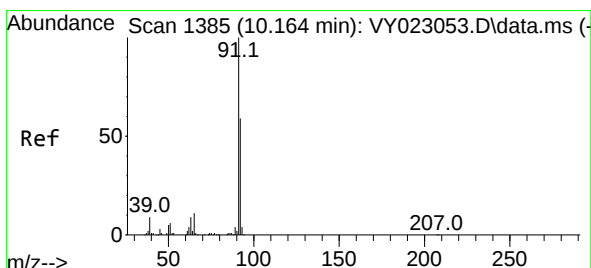
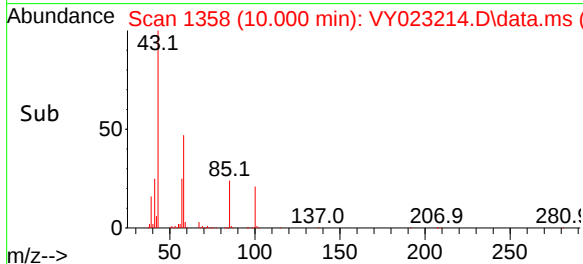
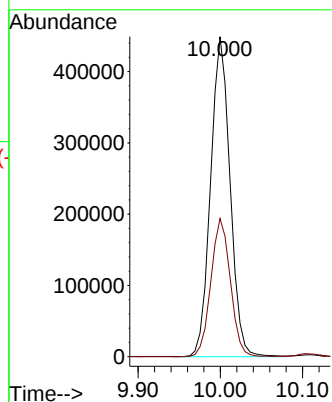
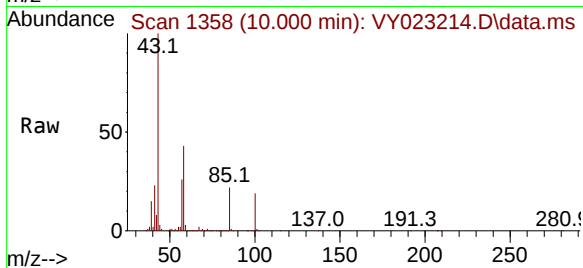
VSTDCCC050

Tgt Ion: 43 Resp: 738021

Ion Ratio Lower Upper

43 100

58 43.3 33.5 50.3



#52

Toluene

Concen: 54.028 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023214.D

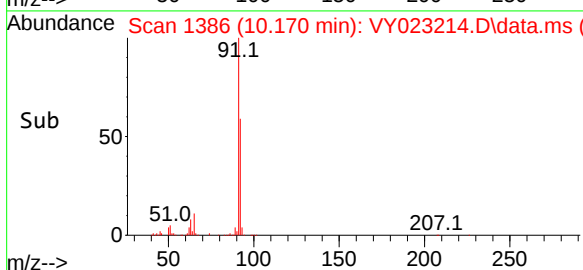
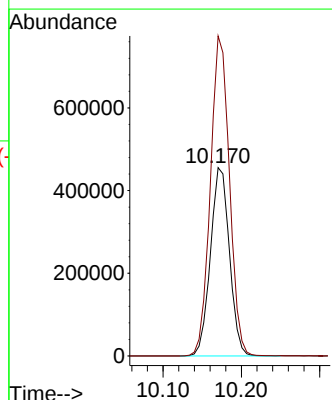
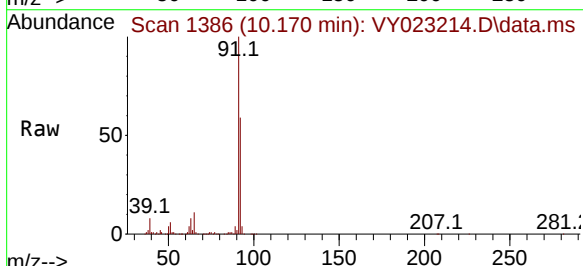
Acq: 28 Aug 2025 09:03

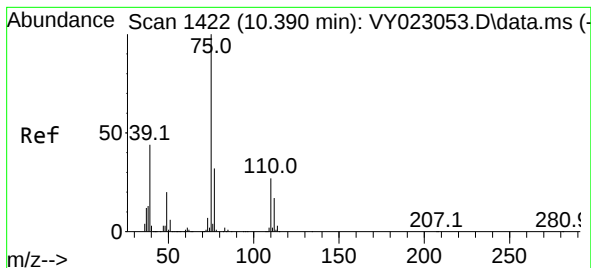
Tgt Ion: 92 Resp: 767746

Ion Ratio Lower Upper

92 100

91 170.3 136.4 204.6

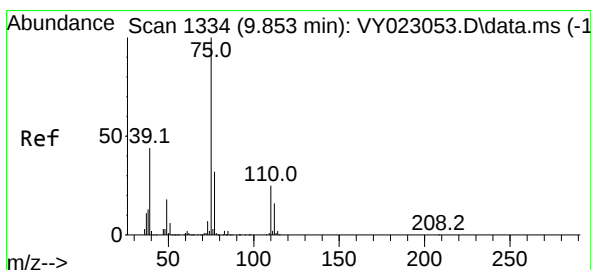
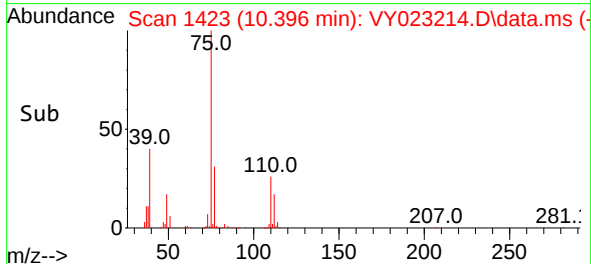
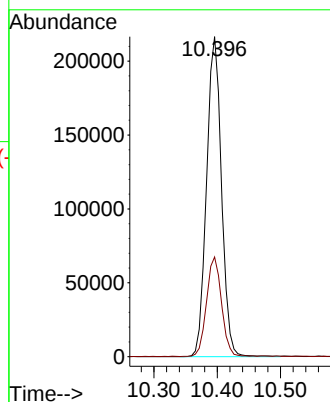
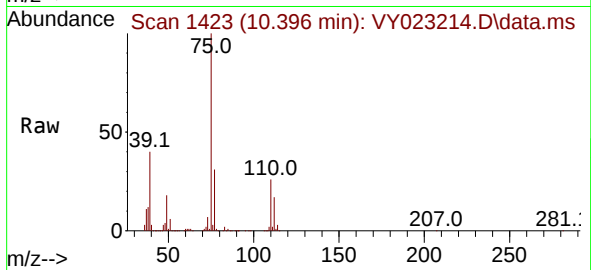




#53
t-1,3-Dichloropropene
Concen: 51.578 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

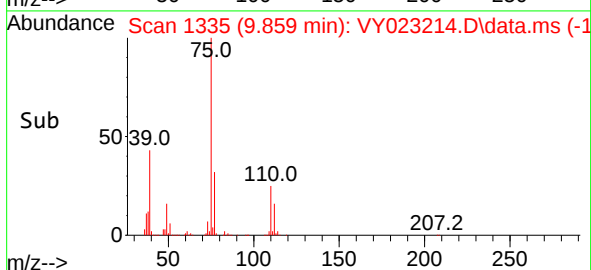
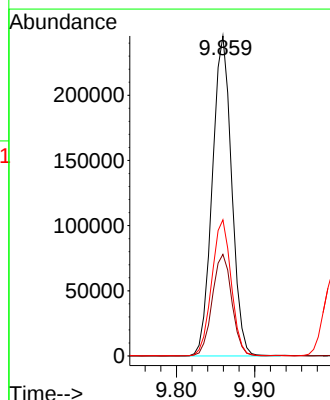
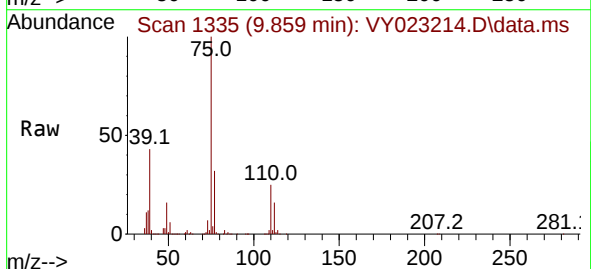
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

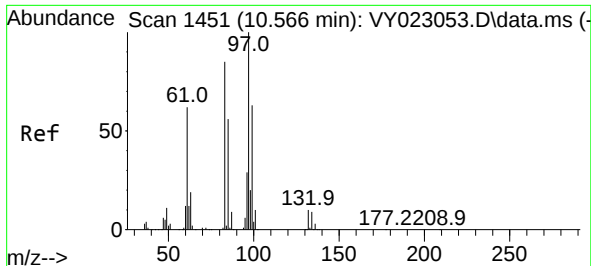
Tgt Ion: 75 Resp: 355108
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 51.654 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 75 Resp: 420533
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 42.5 35.6 53.4

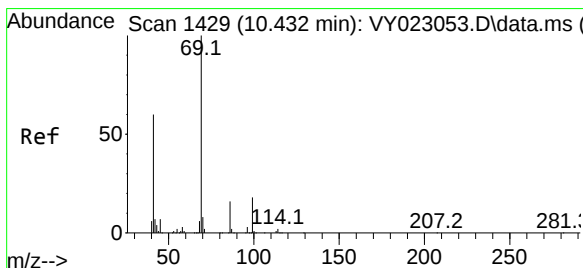
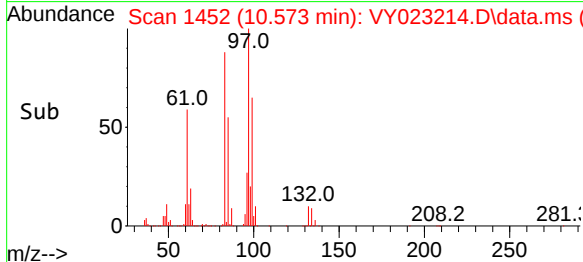
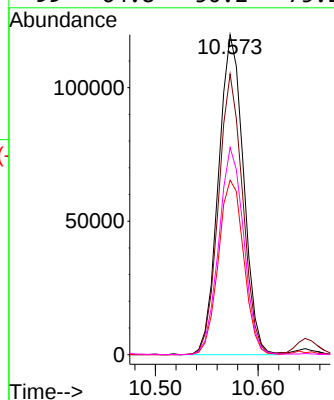
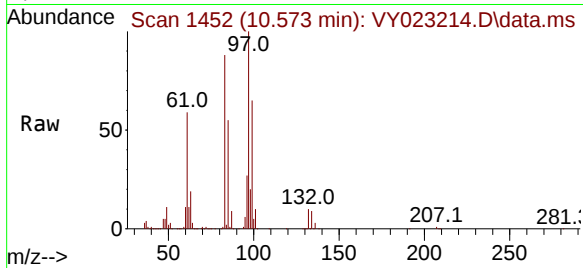




#55
1,1,2-Trichloroethane
Concen: 51.410 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

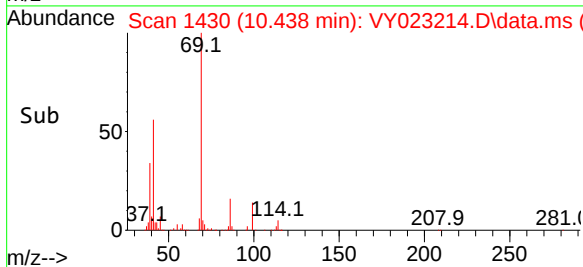
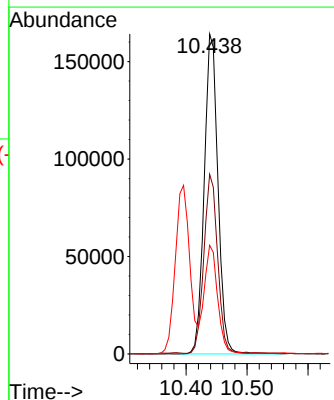
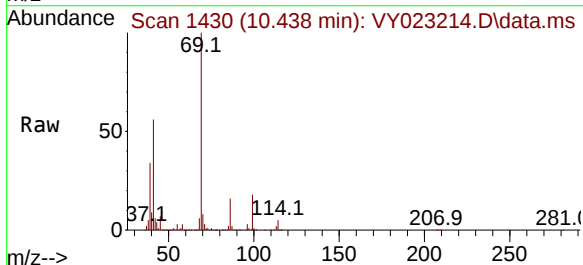
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

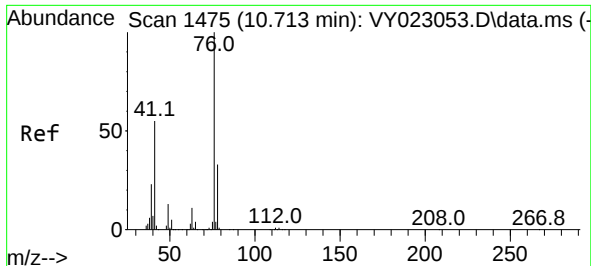
Tgt Ion: 97 Resp: 203266
Ion Ratio Lower Upper
97 100
83 87.7 67.7 101.5
85 54.6 44.5 66.7
99 64.8 50.2 75.2



#56
Ethyl methacrylate
Concen: 50.950 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 69 Resp: 257770
Ion Ratio Lower Upper
69 100
41 55.8 48.6 72.8
39 32.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 50.467 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

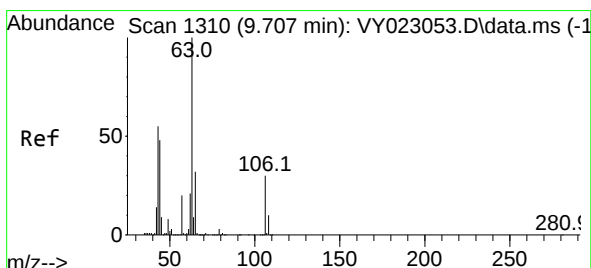
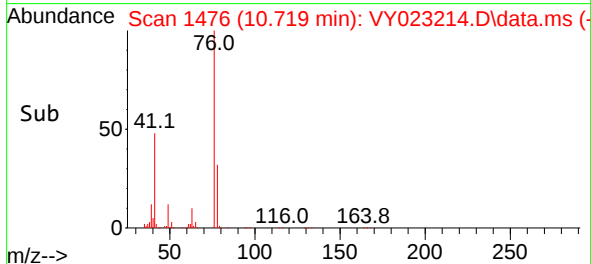
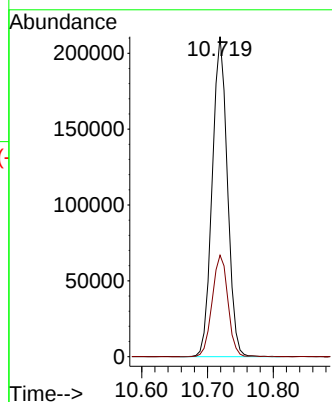
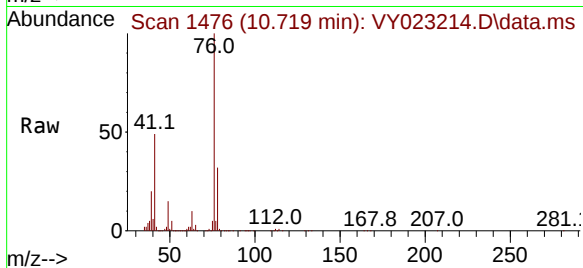
VSTDCCC050

Tgt Ion: 76 Resp: 338401

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 215.441 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023214.D

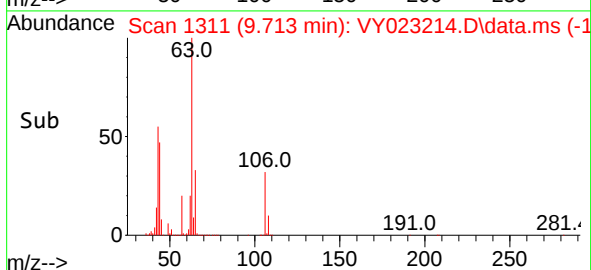
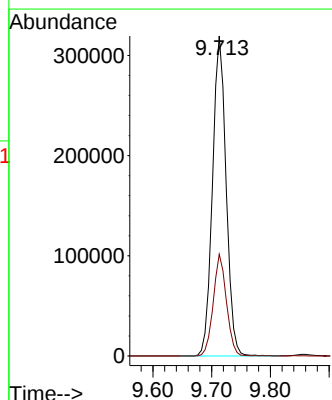
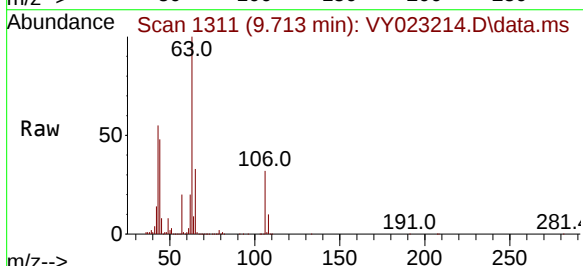
Acq: 28 Aug 2025 09:03

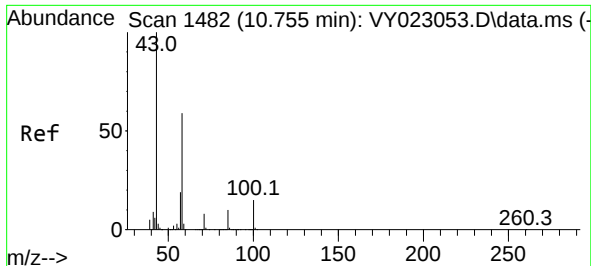
Tgt Ion: 63 Resp: 514140

Ion Ratio Lower Upper

63 100

106 30.8 23.2 34.8

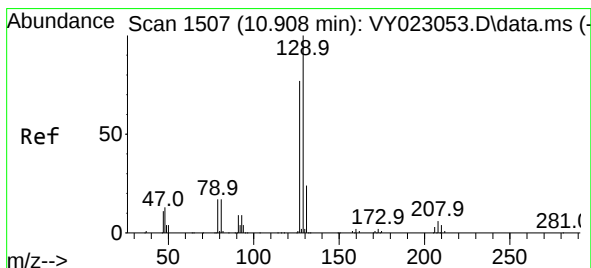
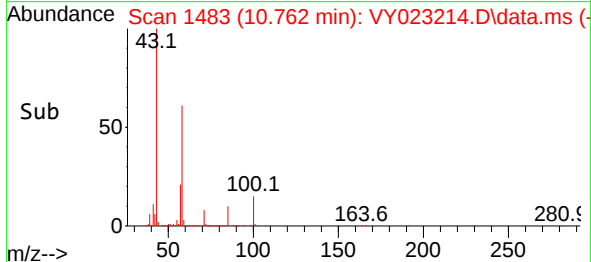
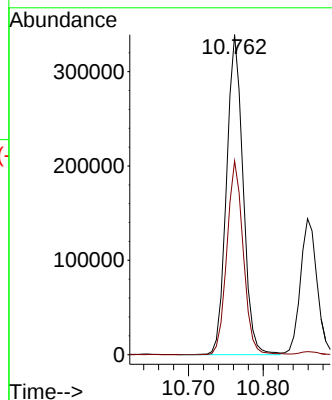
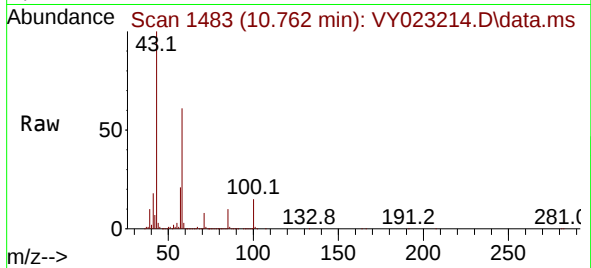




#59
2-Hexanone
Concen: 240.449 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

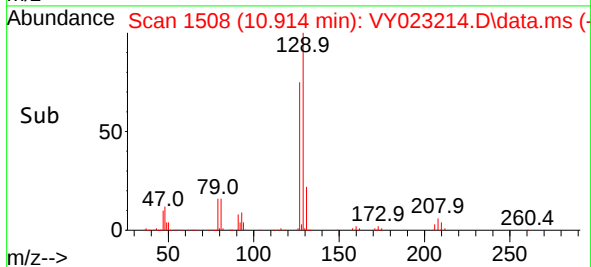
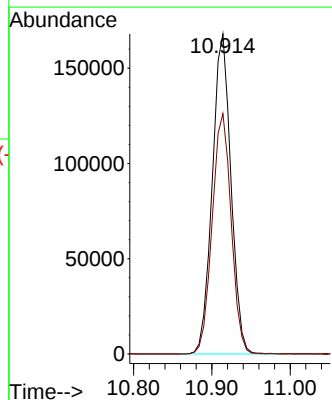
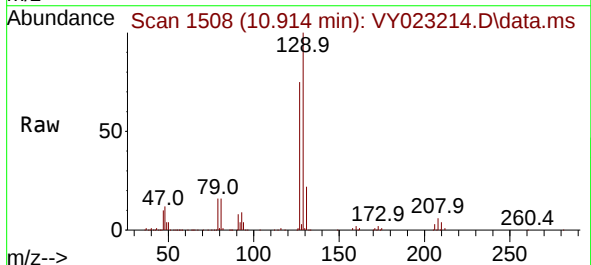
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

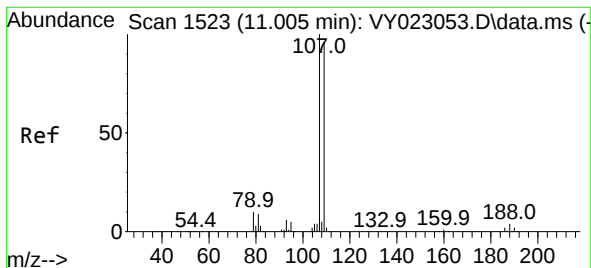
Tgt Ion: 43 Resp: 520526
Ion Ratio Lower Upper
43 100
58 60.0 29.5 88.5



#60
Dibromochloromethane
Concen: 53.251 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 129 Resp: 277813
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

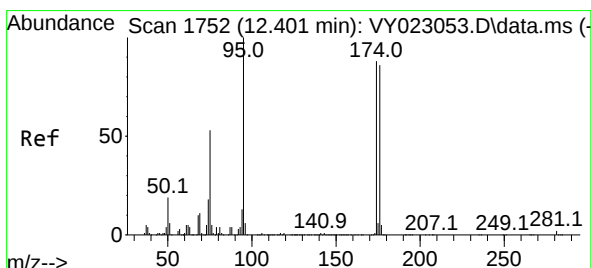
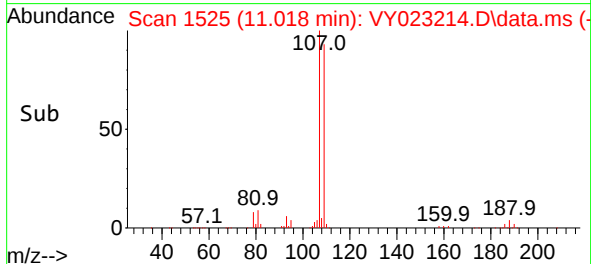
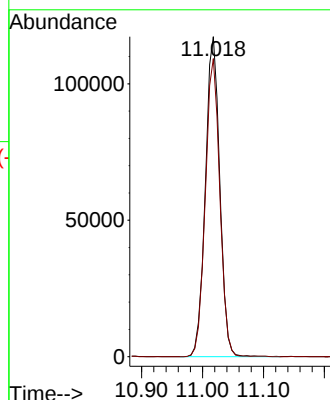
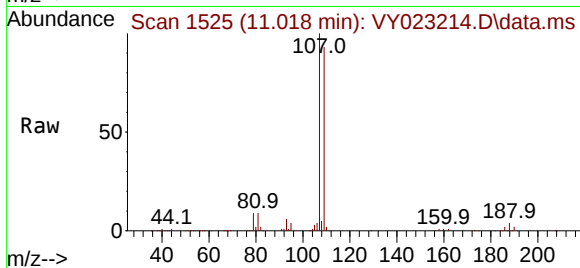




#61
1,2-Dibromoethane
Concen: 51.705 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

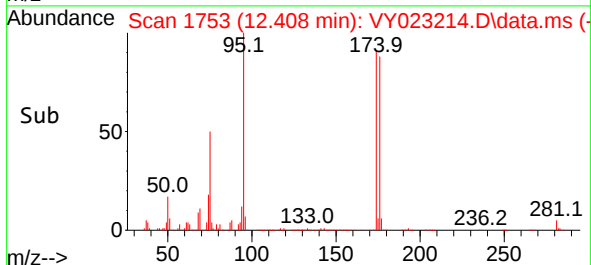
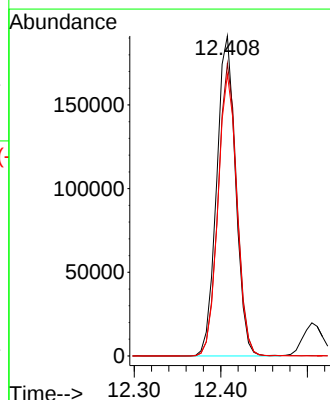
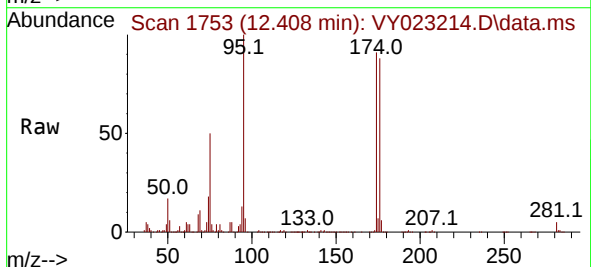
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

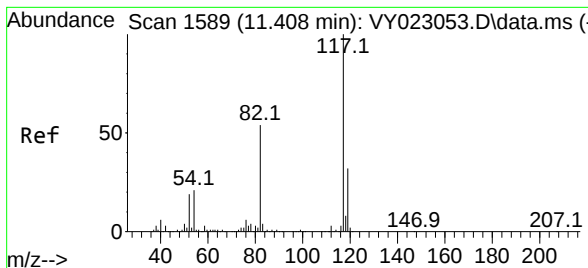
Tgt Ion:107 Resp: 192142
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.411 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 95 Resp: 290945
Ion Ratio Lower Upper
95 100
174 90.8 0.0 171.6
176 87.8 0.0 167.6

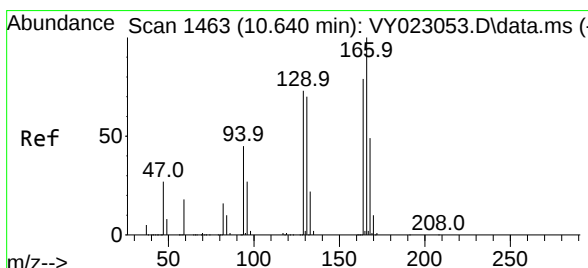
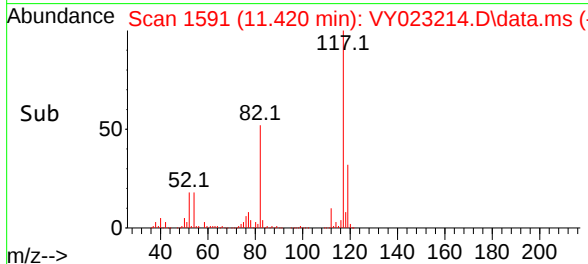
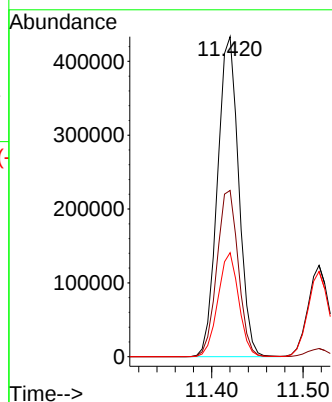
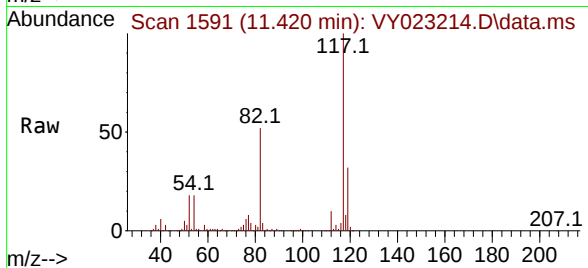




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

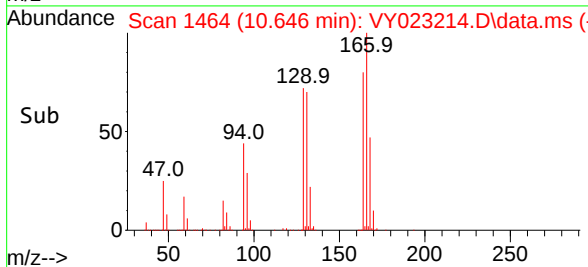
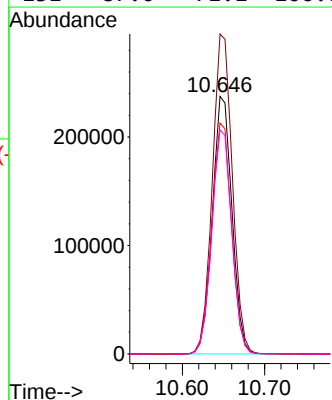
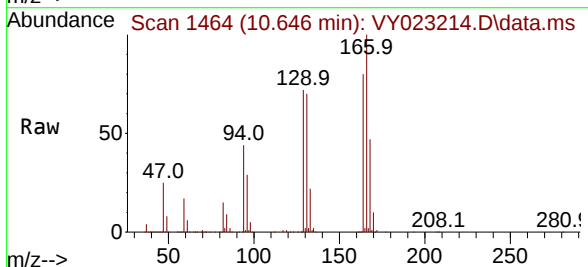
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

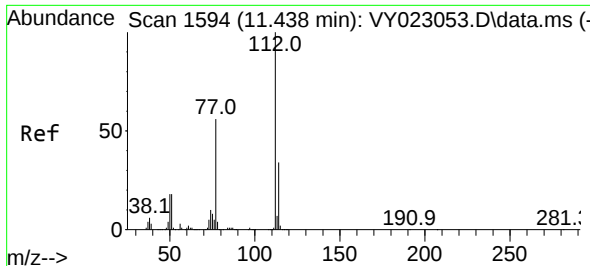
Tgt Ion:117 Resp: 700282
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 63.101 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion:164 Resp: 394576
Ion Ratio Lower Upper
164 100
166 124.2 101.1 151.7
129 89.7 74.0 111.0
131 87.0 71.1 106.7

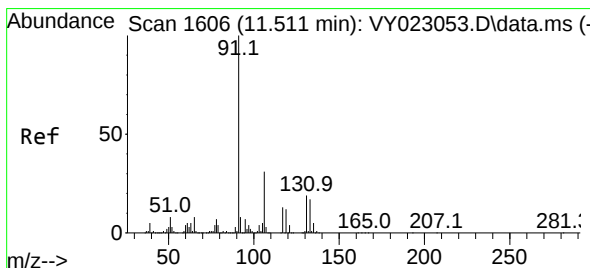
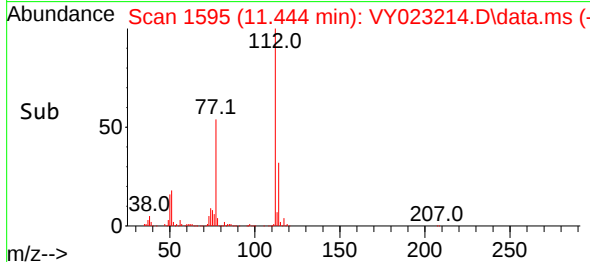
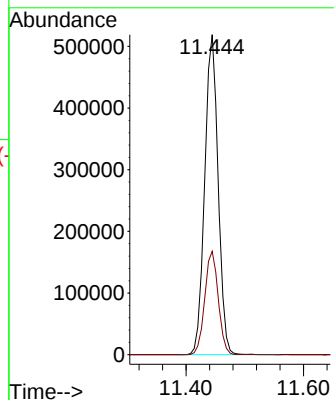
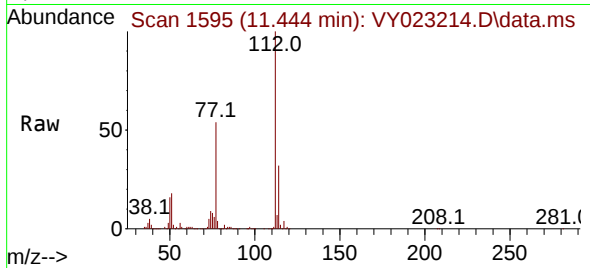




#65
Chlorobenzene
Concen: 54.517 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

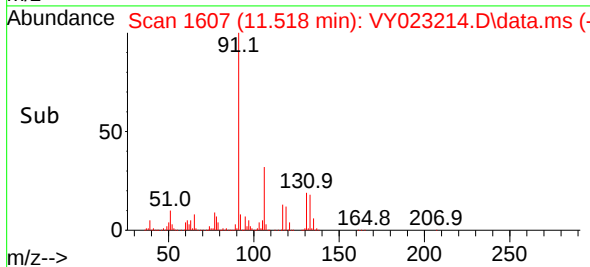
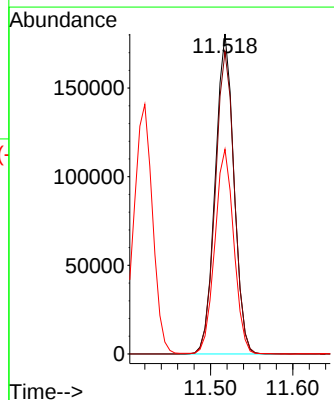
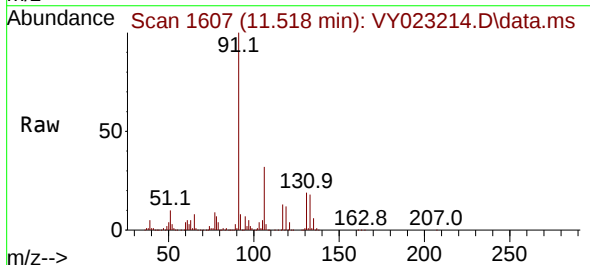
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

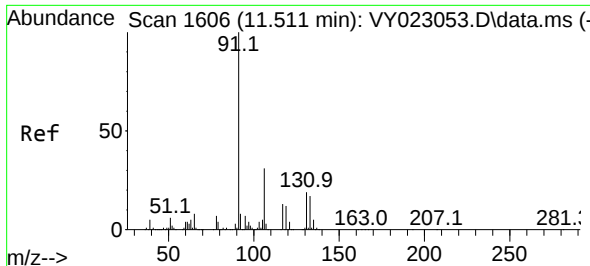
Tgt Ion:112 Resp: 823490
Ion Ratio Lower Upper
112 100
114 32.3 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.483 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion:131 Resp: 284437
Ion Ratio Lower Upper
131 100
133 96.3 46.9 140.6
119 65.1 33.2 99.6





#67

Ethyl Benzene

Concen: 54.865 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

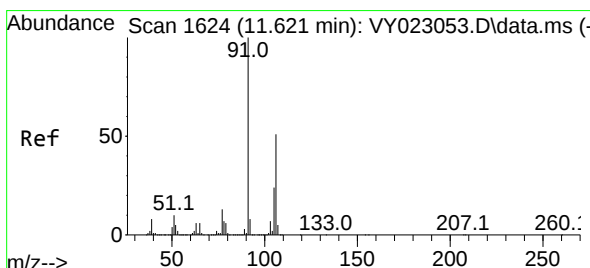
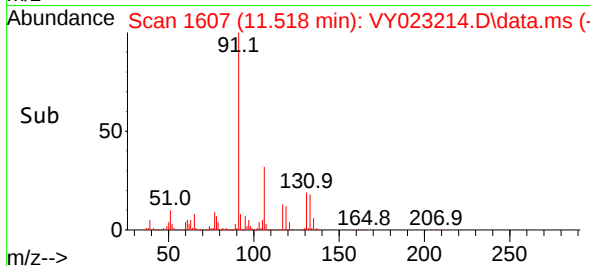
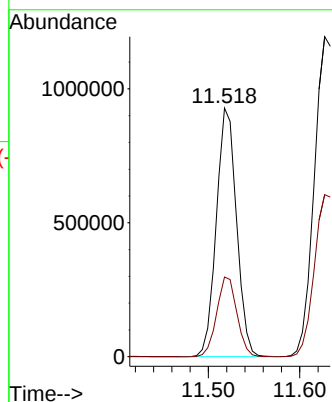
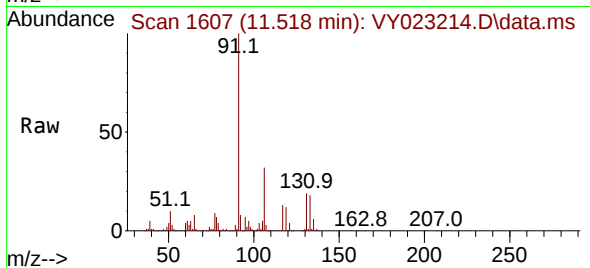
VSTDCCC050

Tgt Ion: 91 Resp: 1426195

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.4



#68

m/p-Xylenes

Concen: 111.591 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023214.D

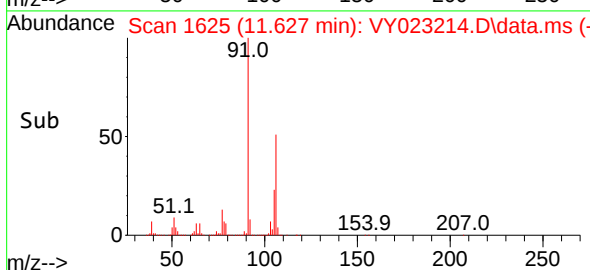
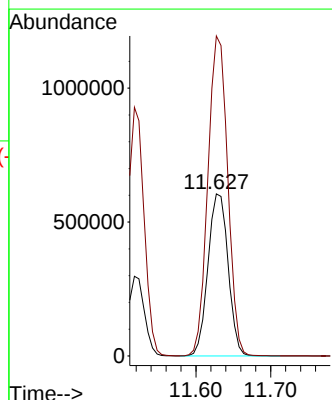
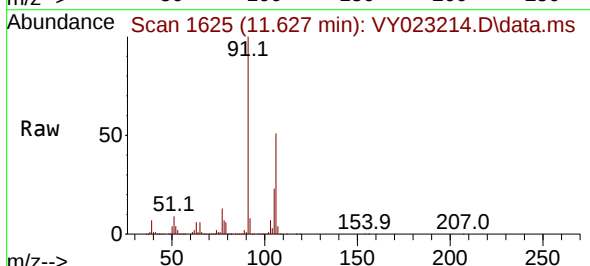
Acq: 28 Aug 2025 09:03

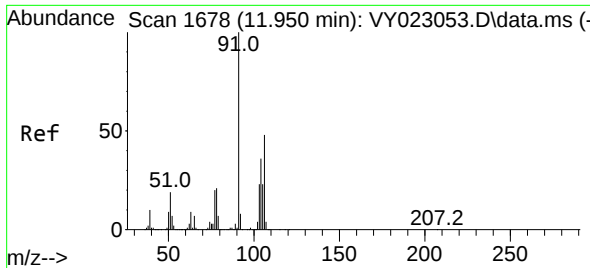
Tgt Ion:106 Resp: 1132925

Ion Ratio Lower Upper

106 100

91 194.7 158.6 238.0

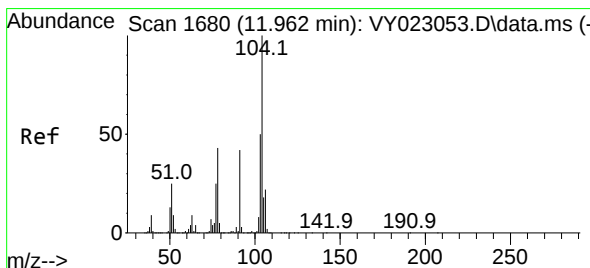
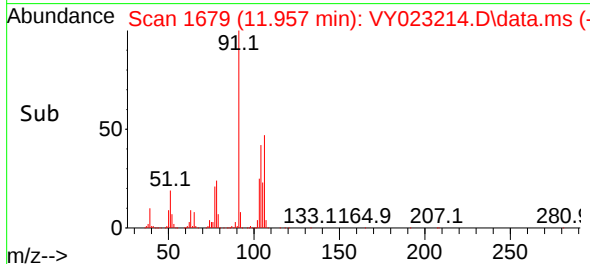
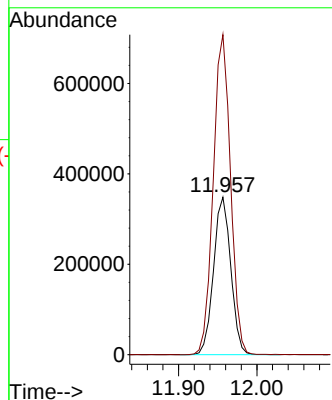
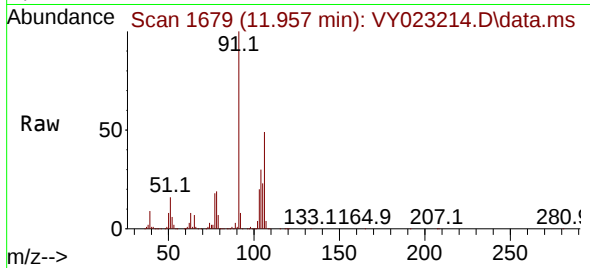




#69
o-Xylene
Concen: 55.995 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

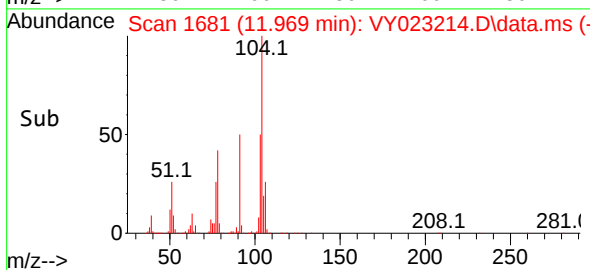
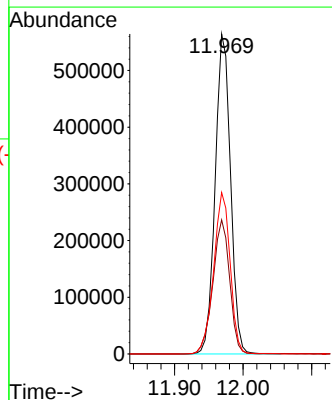
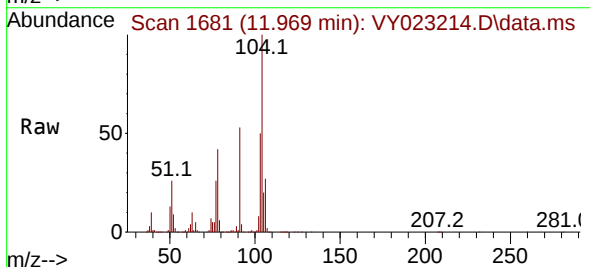
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

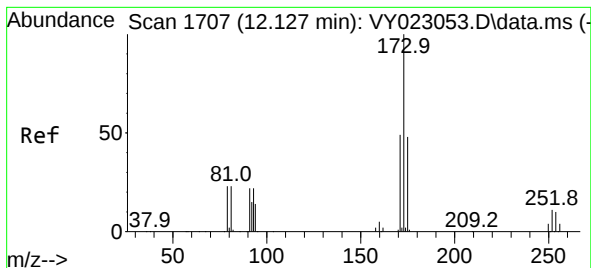
Tgt Ion:106 Resp: 532438
Ion Ratio Lower Upper
106 100
91 203.7 103.2 309.4



#70
Styrene
Concen: 56.368 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion:104 Resp: 876540
Ion Ratio Lower Upper
104 100
78 45.9 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 54.582 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

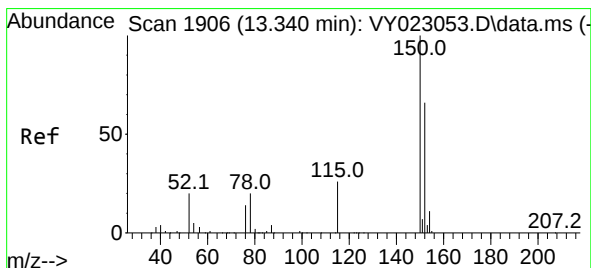
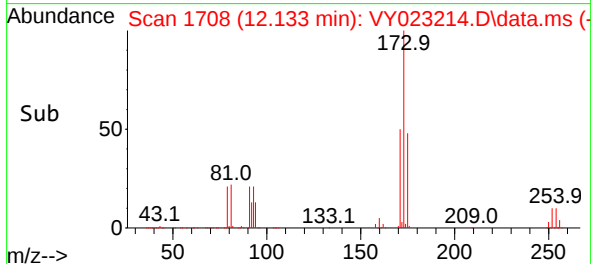
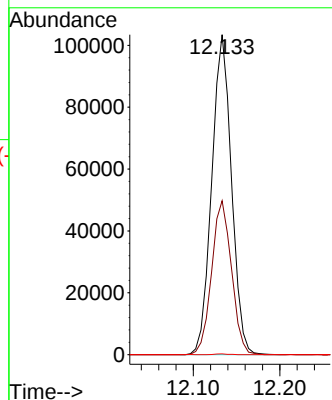
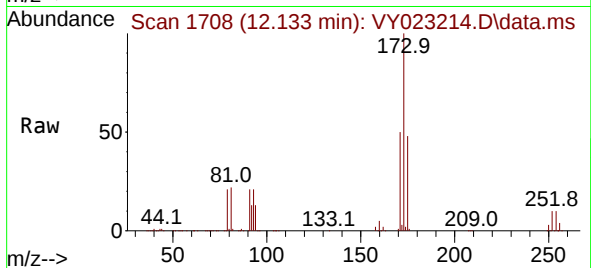
Tgt Ion:173 Resp: 163540

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

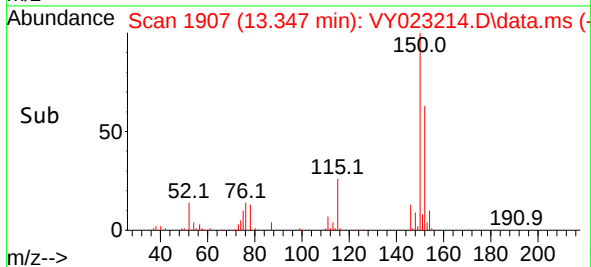
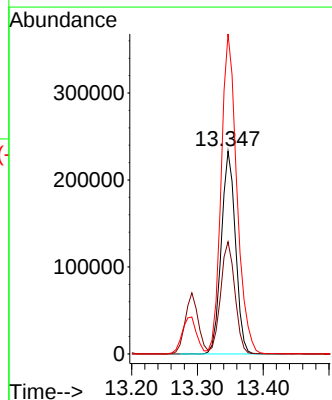
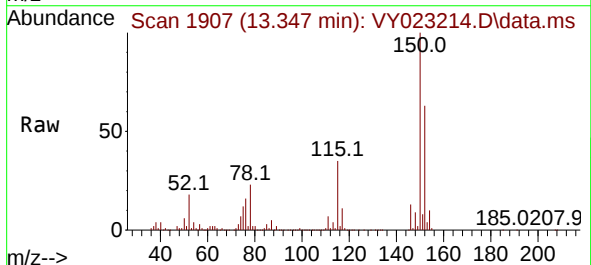
Tgt Ion:152 Resp: 350311

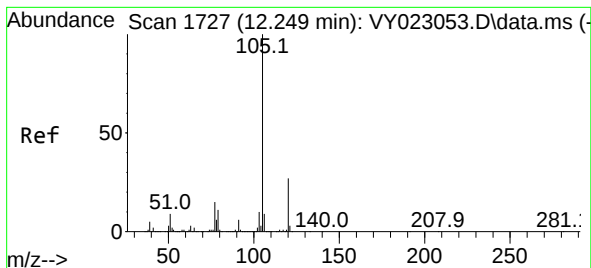
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

150 174.9 0.0 348.0





#73

Isopropylbenzene

Concen: 56.707 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

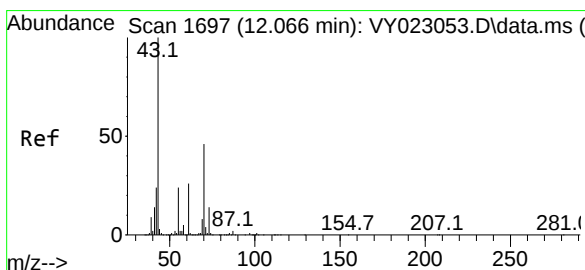
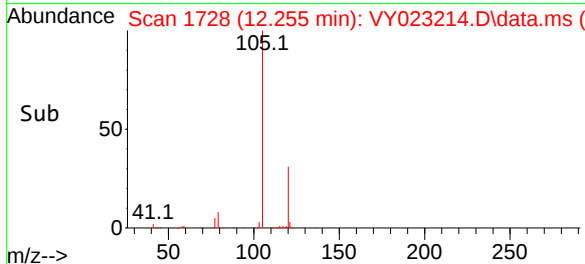
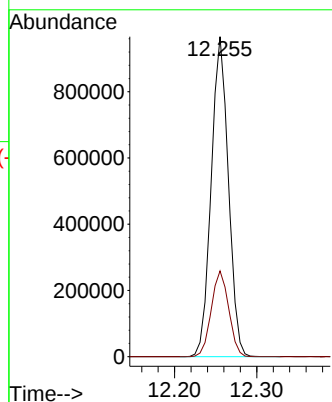
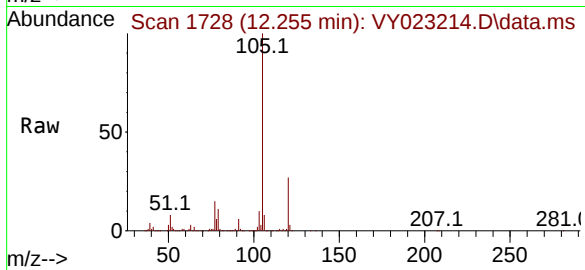
VSTDCCC050

Tgt Ion:105 Resp: 1402066

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 47.310 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Tgt Ion: 43 Resp: 248059

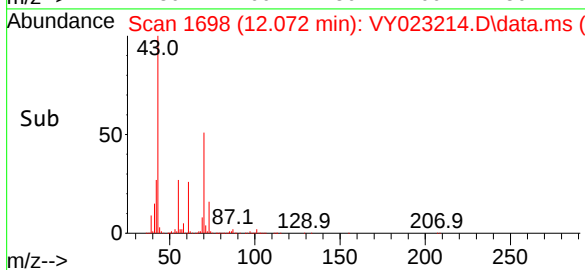
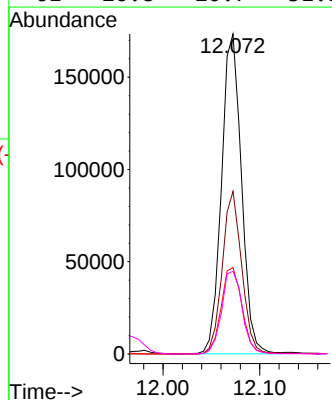
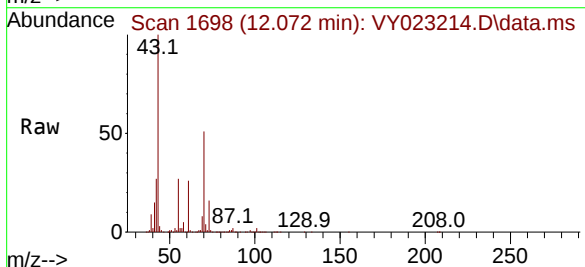
Ion Ratio Lower Upper

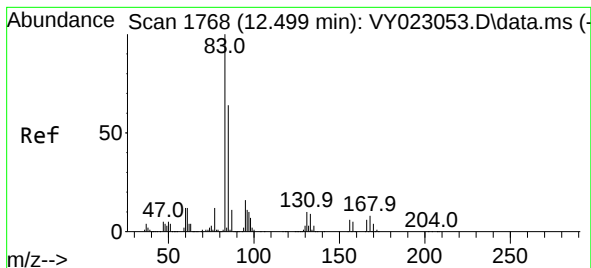
43 100

70 49.7 37.5 56.3

55 28.6 20.7 31.1

61 26.8 20.7 31.1

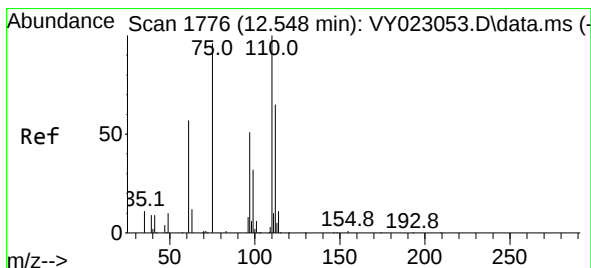
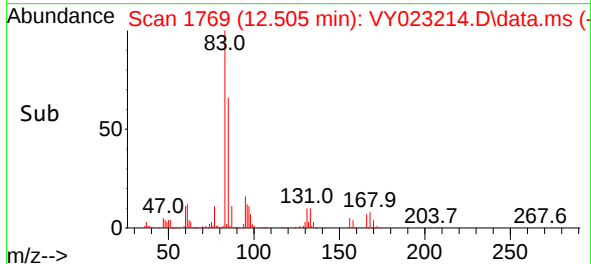
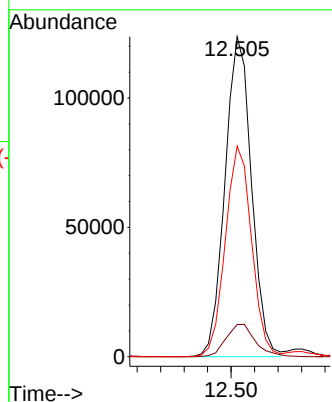
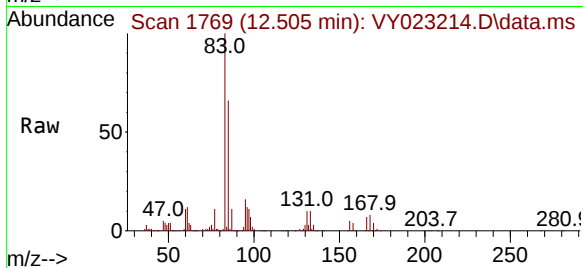




#75
1,1,2,2-Tetrachloroethane
Concen: 45.937 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

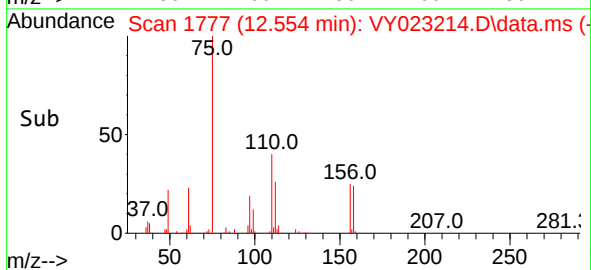
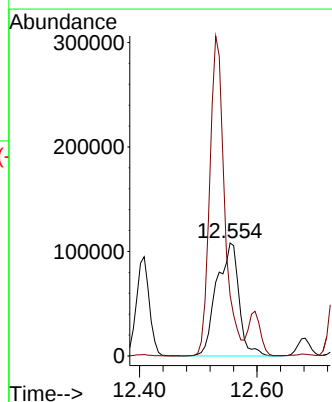
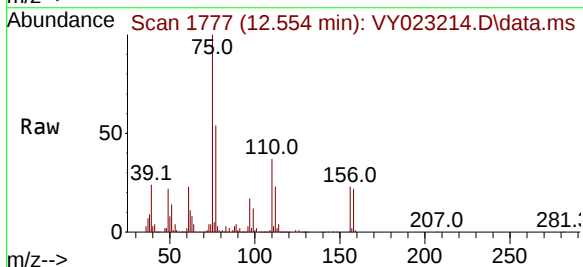
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

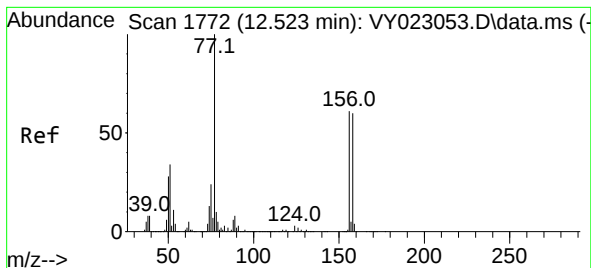
Tgt Ion: 83 Resp: 193929
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 65.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 84.034 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 75 Resp: 284107
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.072 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.012 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

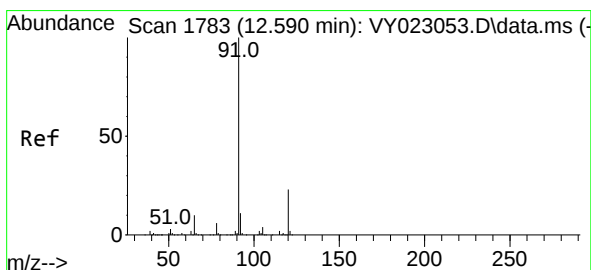
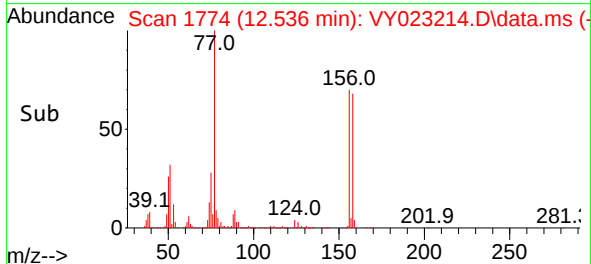
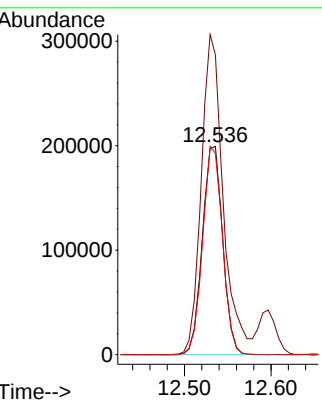
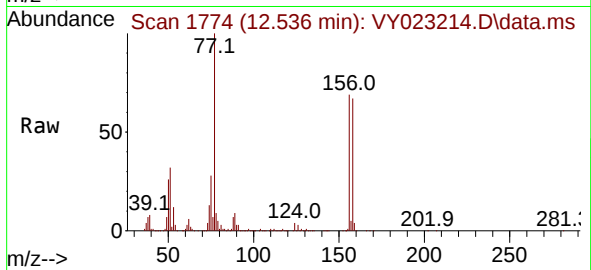
Tgt Ion:156 Resp: 324846

Ion Ratio Lower Upper

156 100

77 166.2 88.1 264.4

158 97.8 48.0 144.0



#78

n-propylbenzene

Concen: 56.370 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023214.D

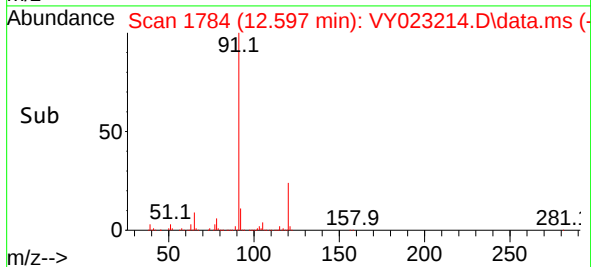
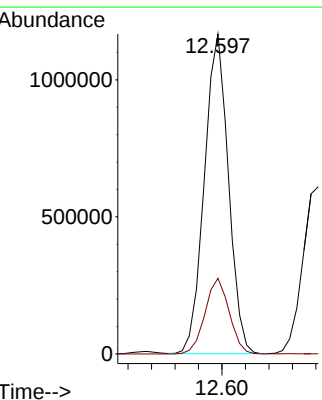
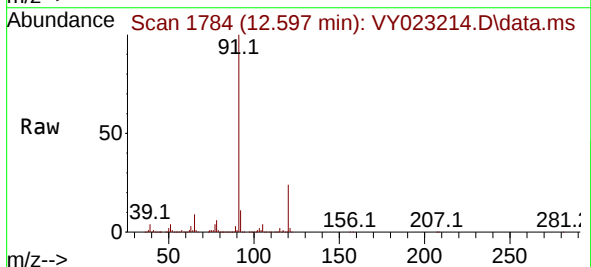
Acq: 28 Aug 2025 09:03

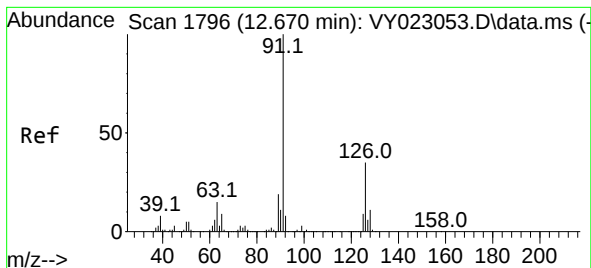
Tgt Ion: 91 Resp: 1659324

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 54.919 ug/l

RT: 12.682 min Scan# 1796

Delta R.T. 0.012 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

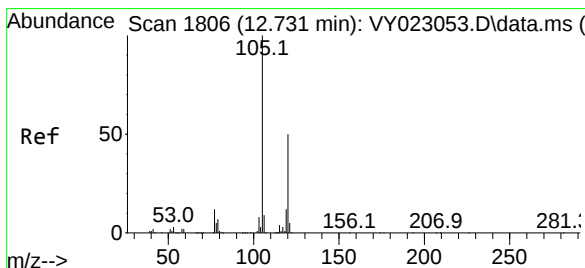
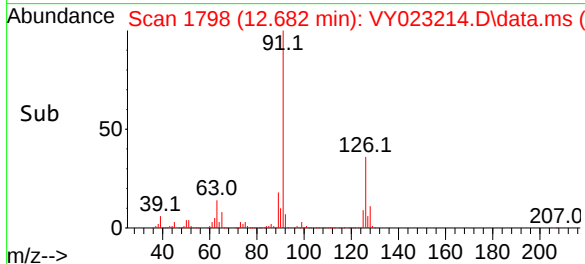
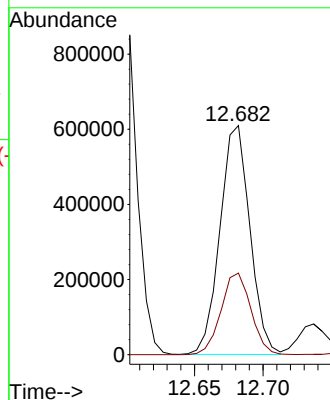
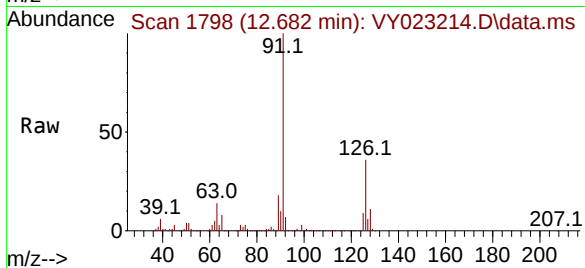
VSTDCCC050

Tgt Ion: 91 Resp: 926246

Ion Ratio Lower Upper

91 100

126 35.6 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 56.427 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023214.D

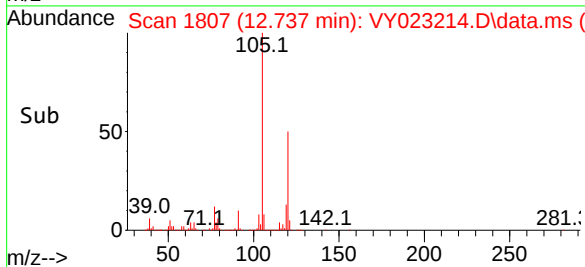
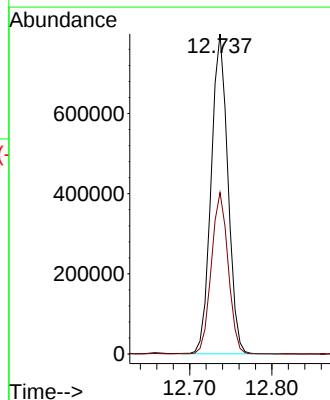
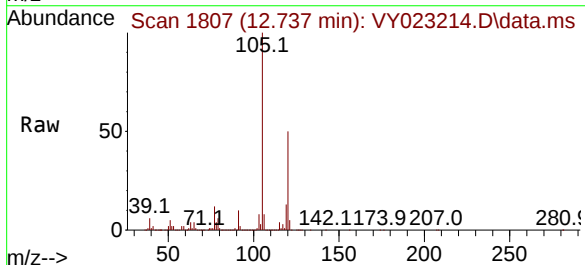
Acq: 28 Aug 2025 09:03

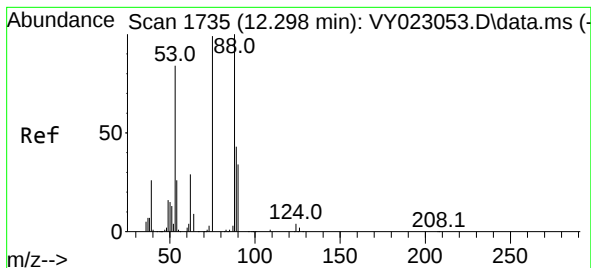
Tgt Ion:105 Resp: 1127538

Ion Ratio Lower Upper

105 100

120 50.6 24.8 74.4

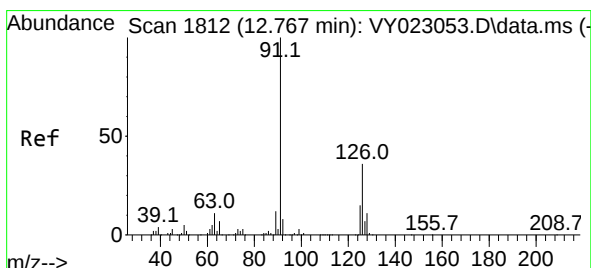
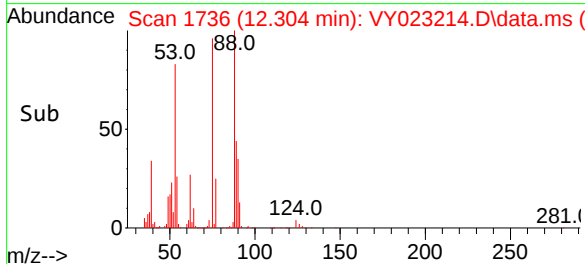
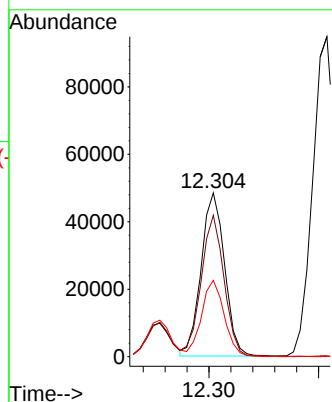
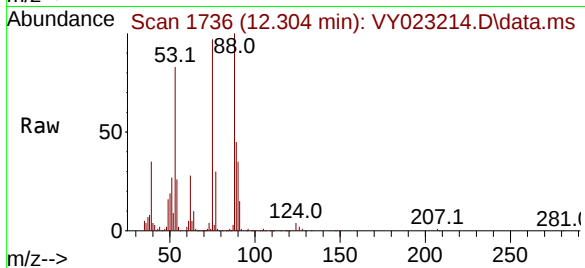




#81
trans-1,4-Dichloro-2-butene
Concen: 51.498 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

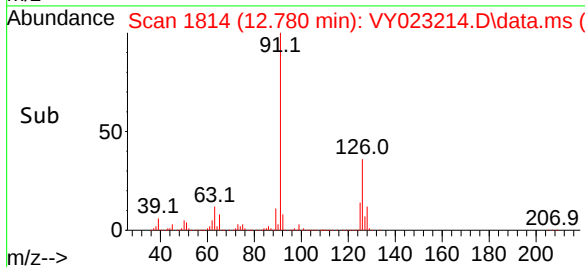
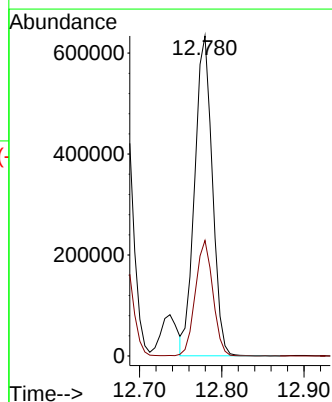
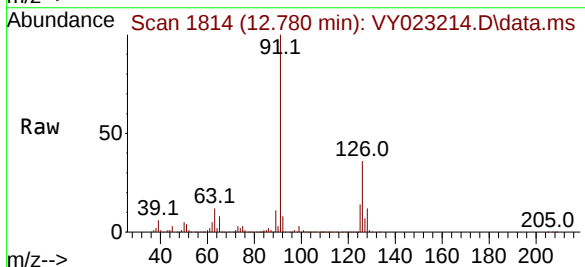
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 71925
Ion Ratio Lower Upper
75 100
53 85.4 70.8 106.2
89 45.1 38.1 57.1



#82
4-Chlorotoluene
Concen: 53.936 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 91 Resp: 943666
Ion Ratio Lower Upper
91 100
126 35.9 17.3 52.0

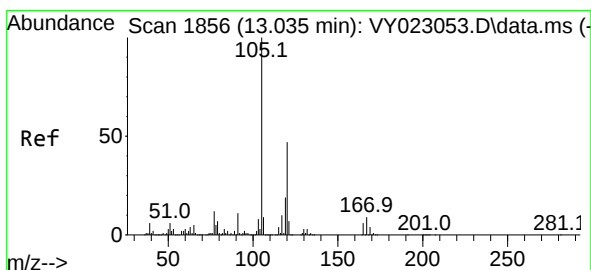
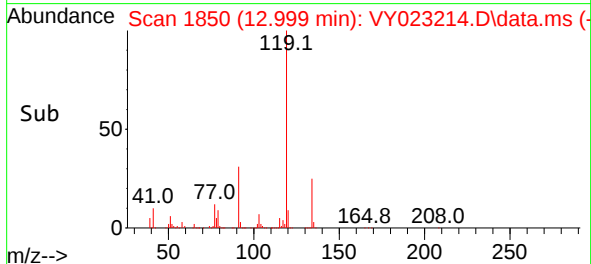
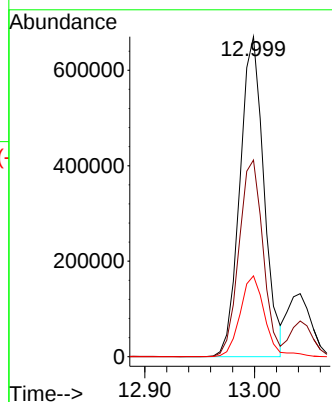
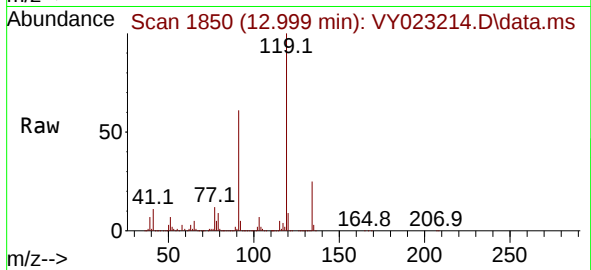




#83
tert-Butylbenzene
Concen: 56.496 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

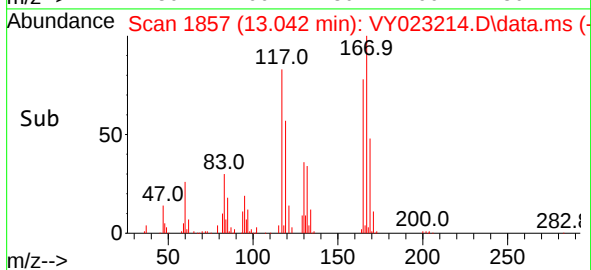
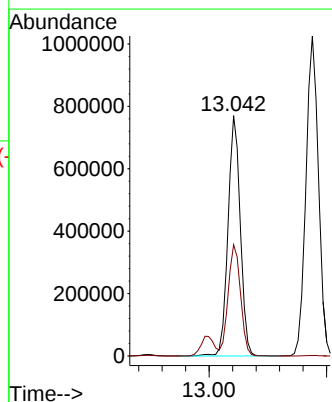
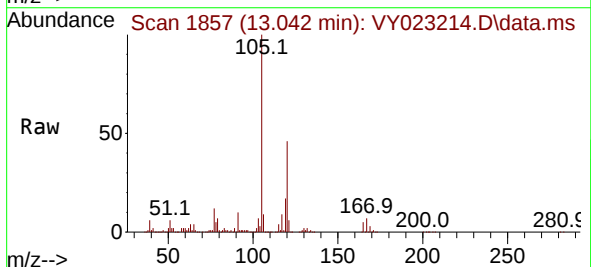
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

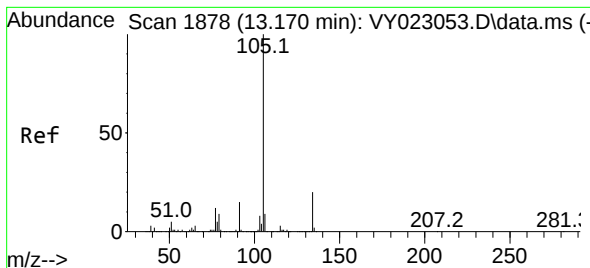
Tgt Ion:119 Resp: 1019599
Ion Ratio Lower Upper
119 100
91 61.5 31.6 94.8
134 25.9 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 56.157 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion:105 Resp: 1117053
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0

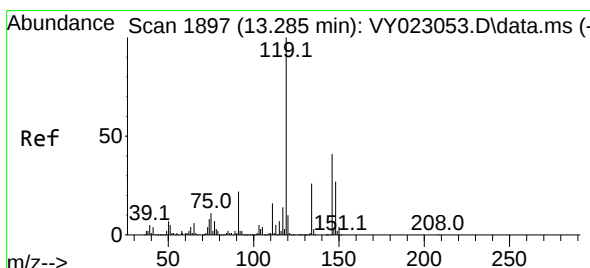
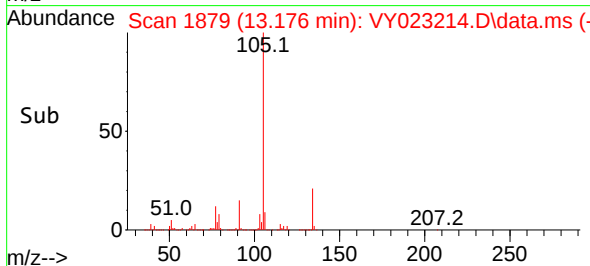
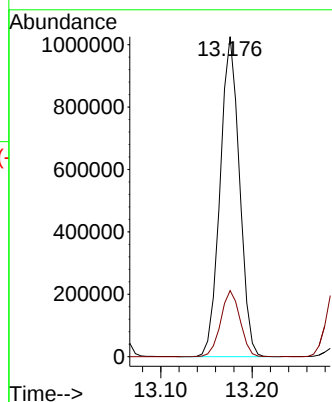
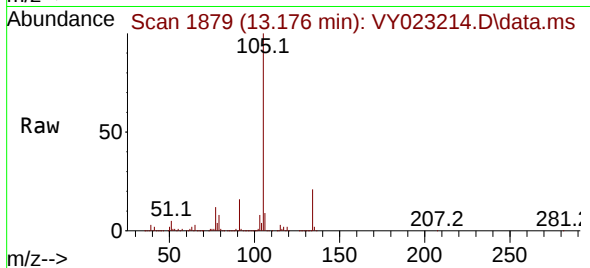




#85
 sec-Butylbenzene
 Concen: 56.942 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023214.D
 Acq: 28 Aug 2025 09:03

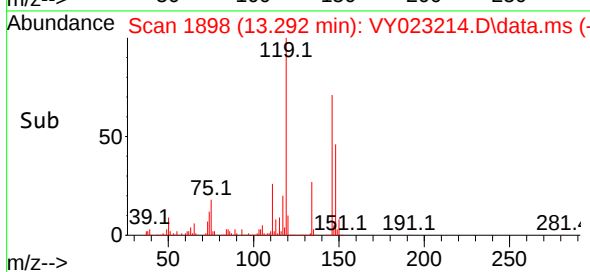
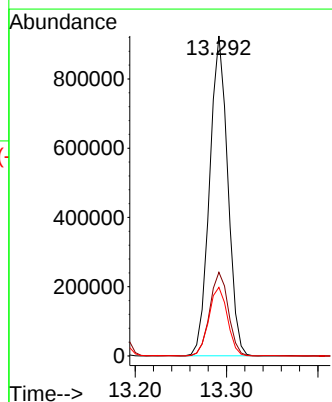
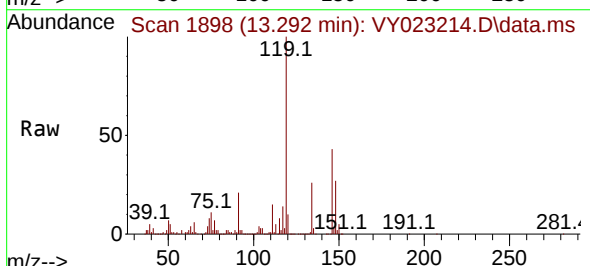
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

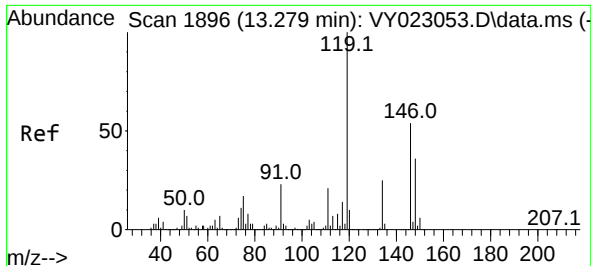
Tgt Ion:105 Resp: 1509593
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 57.691 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023214.D
 Acq: 28 Aug 2025 09:03

Tgt Ion:119 Resp: 1269521
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 22.0 11.3 33.8

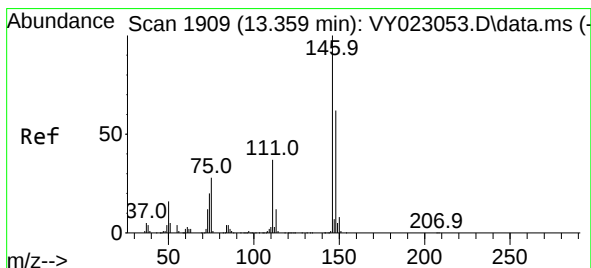
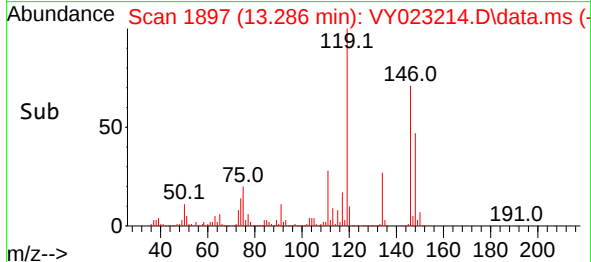
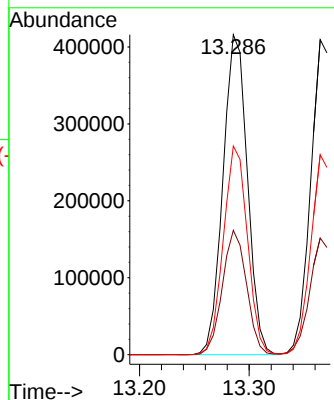
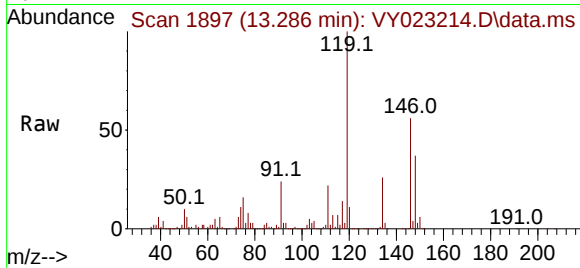




#87
 1,3-Dichlorobenzene
 Concen: 55.474 ug/l
 RT: 13.286 min Scan# 1191
 Delta R.T. 0.006 min
 Lab File: VY023214.D
 Acq: 28 Aug 2025 09:03

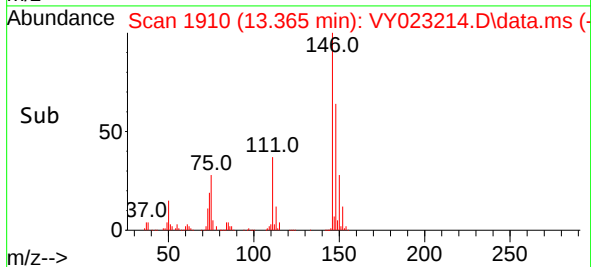
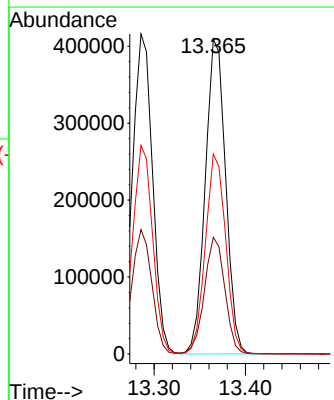
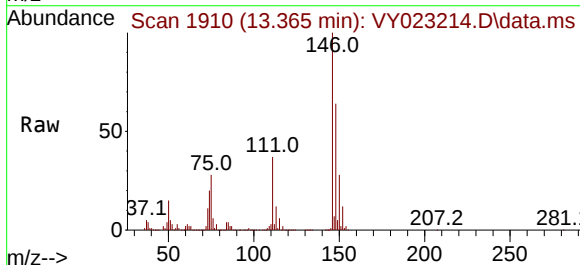
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

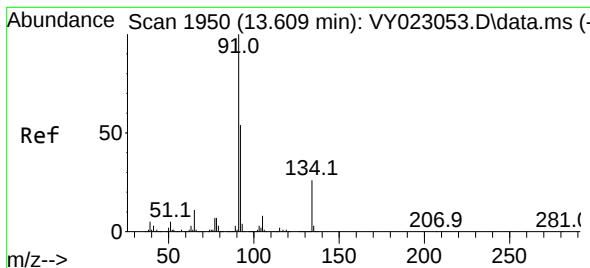
Tgt Ion:146 Resp: 645274
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.6 58.7
 148 64.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 54.782 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023214.D
 Acq: 28 Aug 2025 09:03

Tgt Ion:146 Resp: 632123
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.1
 148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 56.594 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

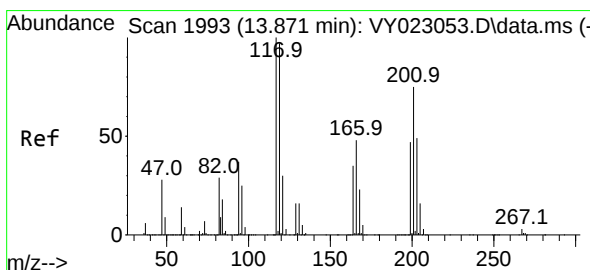
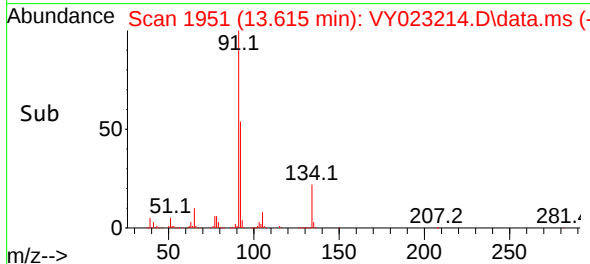
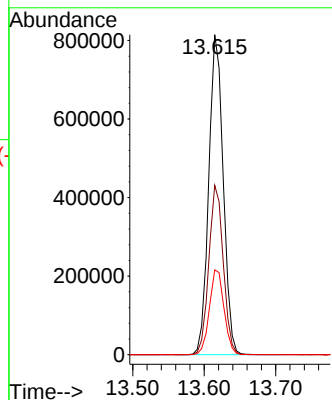
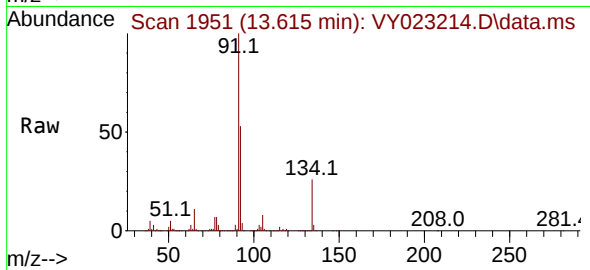
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1143834

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.9	80.7
134	26.9	13.2	39.5



#90

Hexachloroethane

Concen: 56.605 ug/l

RT: 13.877 min Scan# 1994

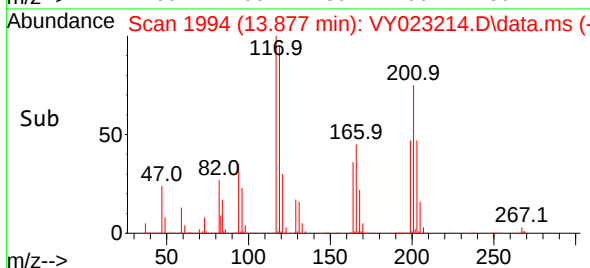
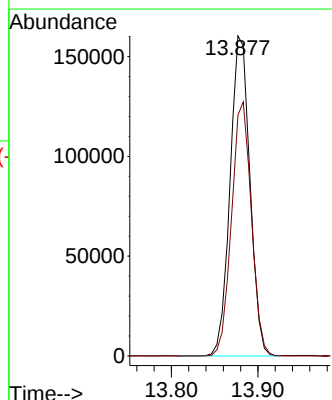
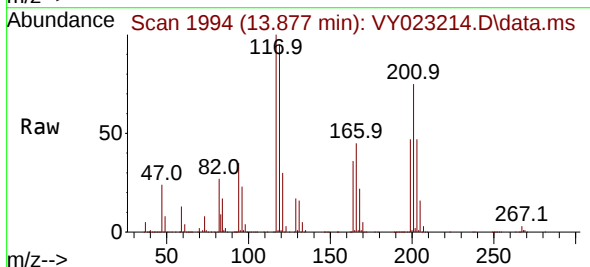
Delta R.T. 0.006 min

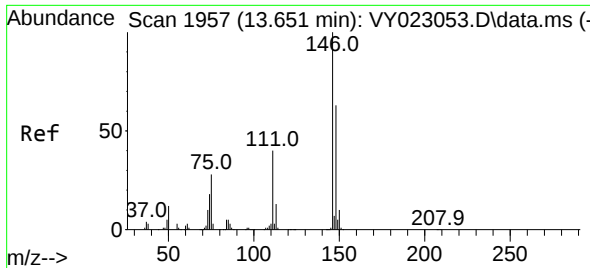
Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Tgt Ion: 117 Resp: 254994

Ion	Ratio	Lower	Upper
117	100		
201	79.3	38.4	115.1

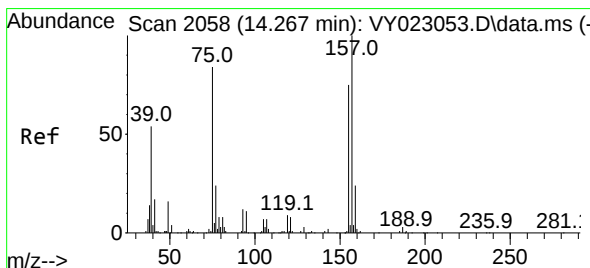
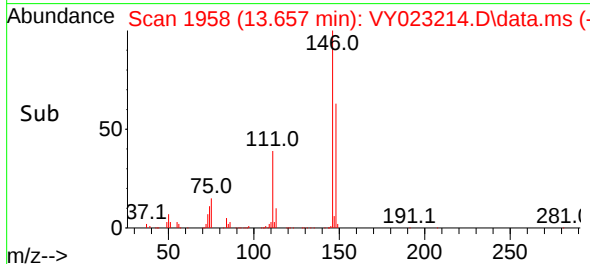
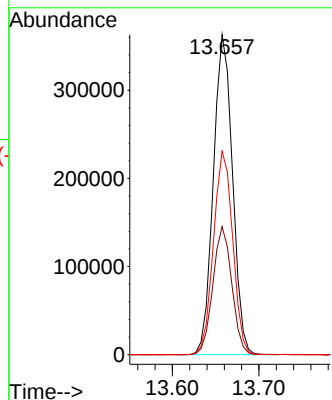
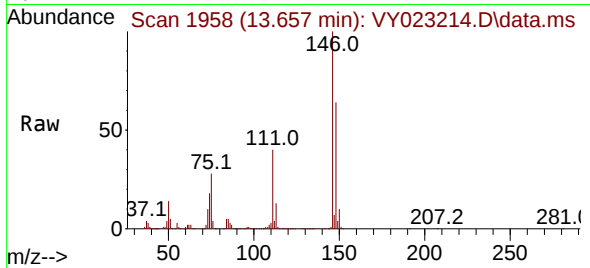




#91
1,2-Dichlorobenzene
Concen: 54.697 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

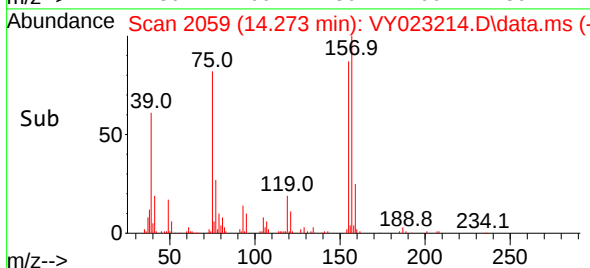
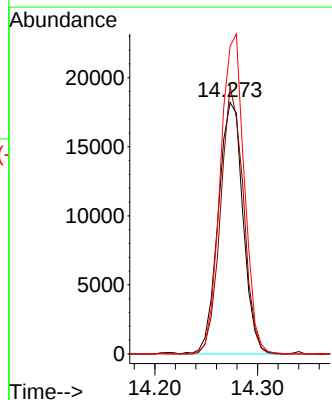
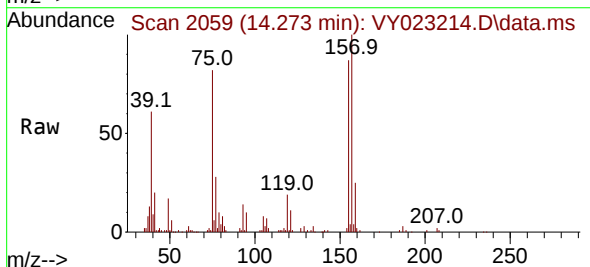
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 557986
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.8
148 64.1 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.288 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023214.D
Acq: 28 Aug 2025 09:03

Tgt Ion: 75 Resp: 30425
Ion Ratio Lower Upper
75 100
155 97.7 43.9 131.6
157 122.7 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 53.347 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

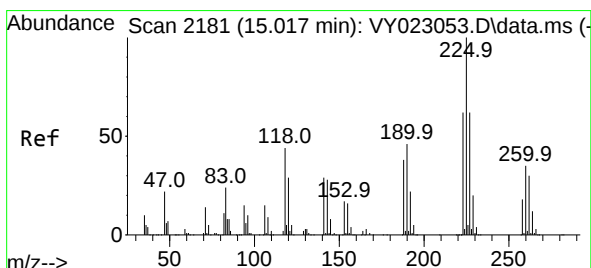
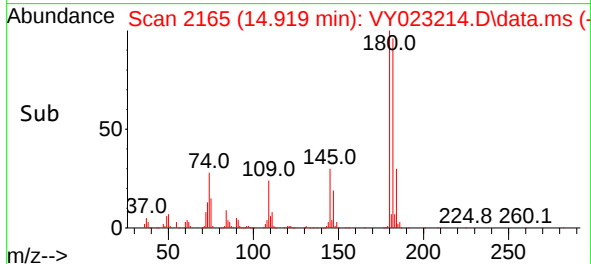
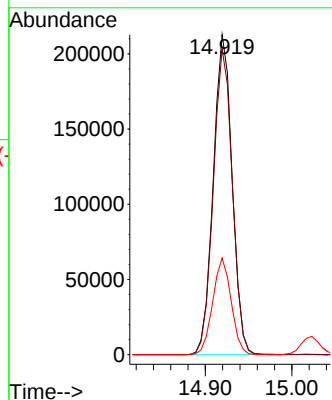
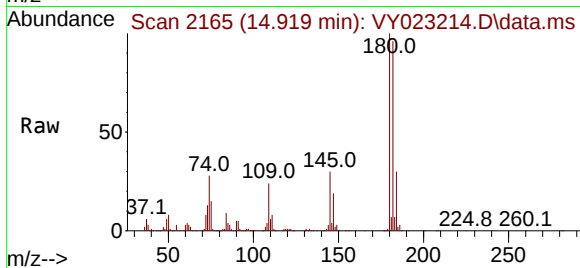
Tgt Ion:180 Resp: 321825

Ion Ratio Lower Upper

180 100

182 96.3 46.8 140.4

145 29.6 14.4 43.4



#94

Hexachlorobutadiene

Concen: 56.735 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

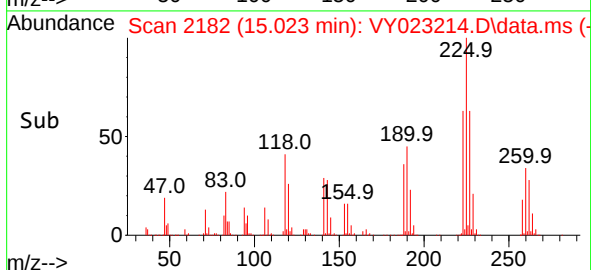
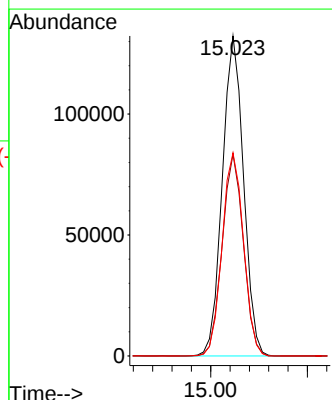
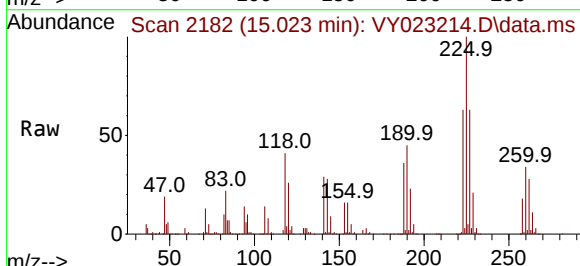
Tgt Ion:225 Resp: 201124

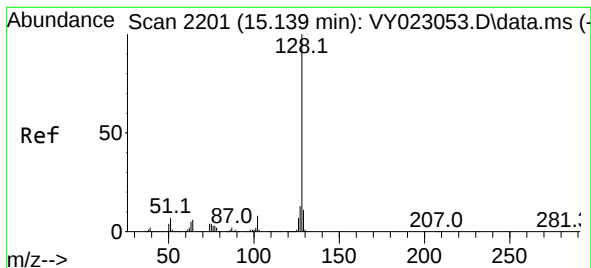
Ion Ratio Lower Upper

225 100

223 62.9 31.3 93.8

227 63.9 31.5 94.5





#95

Naphthalene

Concen: 50.601 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

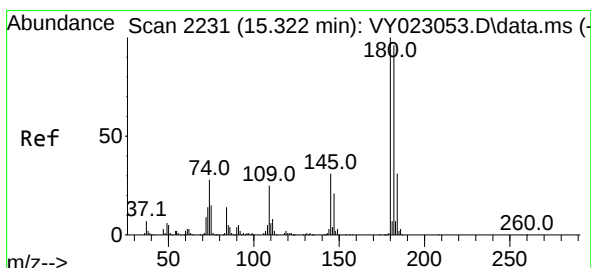
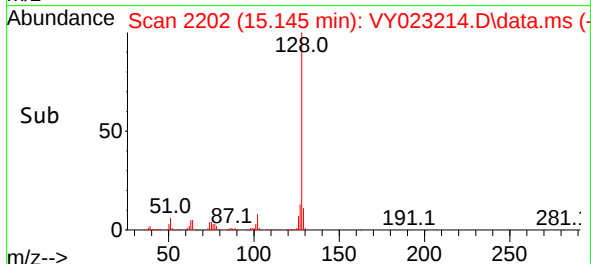
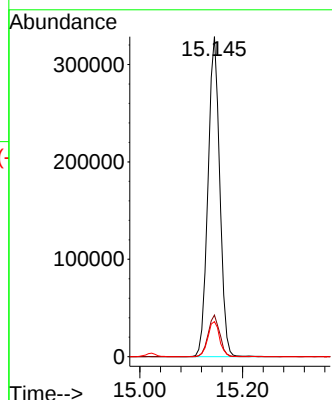
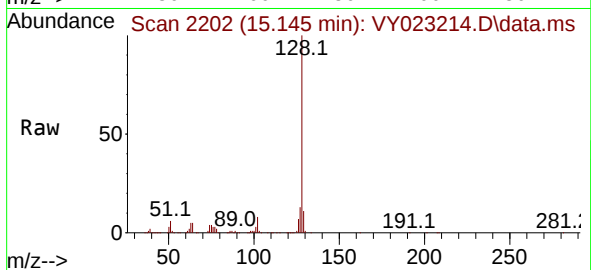
Tgt Ion:128 Resp: 520530

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 52.515 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023214.D

Acq: 28 Aug 2025 09:03

Tgt Ion:180 Resp: 272991

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 30.8 15.9 47.7

