

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022095.D
 Acq On : 01 May 2025 08:50
 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: May 01 12:52:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	300031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	410078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	227184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129452	46.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.420%
35) Dibromofluoromethane	7.634	113	145369	50.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.109	98	550662	50.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.408	95	185315	50.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	107755	42.149	ug/l	100
3) Chloromethane	2.068	50	162561	44.656	ug/l	99
4) Vinyl Chloride	2.202	62	203141	45.411	ug/l	98
5) Bromomethane	2.592	94	153399	39.803	ug/l	98
6) Chloroethane	2.733	64	136234	44.717	ug/l	96
7) Trichlorofluoromethane	3.056	101	267266	45.309	ug/l	98
8) Diethyl Ether	3.458	74	65627	42.745	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	145092	45.342	ug/l	98
10) Methyl Iodide	4.001	142	166199	44.860	ug/l	98
11) Tert butyl alcohol	4.879	59	36425	239.412	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	132167	44.312	ug/l	97
13) Acrolein	3.653	56	46426	170.015	ug/l	99
14) Allyl chloride	4.385	41	149377	43.012	ug/l	99
15) Acrylonitrile	5.061	53	131912	234.690	ug/l	99
16) Acetone	3.873	43	93527	258.562	ug/l	93
17) Carbon Disulfide	4.104	76	411563	43.277	ug/l	100
18) Methyl Acetate	4.385	43	67887	52.440	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	309344	46.339	ug/l	99
20) Methylene Chloride	4.610	84	146445	41.790	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	152494	45.652	ug/l	97
22) Diisopropyl ether	6.019	45	358660	46.406	ug/l	99
23) Vinyl Acetate	5.958	43	972154	233.397	ug/l	99
24) 1,1-Dichloroethane	5.915	63	236343	44.117	ug/l	98
25) 2-Butanone	6.896	43	149979	237.416	ug/l	100
26) 2,2-Dichloropropane	6.884	77	216277	46.061	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	171041	45.794	ug/l	100
28) Bromochloromethane	7.238	49	102077	49.056	ug/l	95
29) Tetrahydrofuran	7.262	42	100678	245.385	ug/l	97
30) Chloroform	7.421	83	275742	46.403	ug/l	100
31) Cyclohexane	7.701	56	199607	43.571	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	244709	45.518	ug/l	99
36) 1,1-Dichloropropene	7.835	75	186977	48.590	ug/l	100
37) Ethyl Acetate	6.988	43	70801	51.230	ug/l	97
38) Carbon Tetrachloride	7.817	117	229097	49.824	ug/l	100
39) Methylcyclohexane	9.110	83	238404	49.231	ug/l	96
40) Benzene	8.079	78	593961	49.378	ug/l	98

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Instrument :
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 ClientSampleId :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	34133	45.180	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	150849	50.652	ug/l	99
43) Isopropyl Acetate	8.195	43	130927	49.331	ug/l	99
44) Trichloroethene	8.866	130	166940	50.105	ug/l	99
45) 1,2-Dichloropropane	9.140	63	131749	49.528	ug/l	97
46) Dibromomethane	9.231	93	84979	51.032	ug/l	99
47) Bromodichloromethane	9.427	83	209708	50.411	ug/l	100
48) Methyl methacrylate	9.219	41	64491	52.563	ug/l	97
49) 1,4-Dioxane	9.231	88	19493	1098.297	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	381378	274.117	ug/l	99
52) Toluene	10.170	92	401133	51.517	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	180292	50.528	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	209730	49.447	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	115966	52.135	ug/l	98
56) Ethyl methacrylate	10.439	69	133143	52.343	ug/l	98
57) 1,3-Dichloropropane	10.719	76	182342	51.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	351579	282.693	ug/l	99
59) 2-Hexanone	10.762	43	255399	278.311	ug/l	99
60) Dibromochloromethane	10.914	129	160702	52.183	ug/l	99
61) 1,2-Dibromoethane	11.012	107	108715	51.771	ug/l	100
64) Tetrachloroethene	10.646	164	197335	51.010	ug/l	99
65) Chlorobenzene	11.444	112	442124	48.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	160317	49.657	ug/l	100
67) Ethyl Benzene	11.518	91	742816	49.517	ug/l	99
68) m/p-Xylenes	11.627	106	610976	102.352	ug/l	99
69) o-Xylene	11.957	106	277219	50.386	ug/l	98
70) Styrene	11.969	104	480407	52.004	ug/l	99
71) Bromoform	12.133	173	97556	51.974	ug/l #	98
73) Isopropylbenzene	12.255	105	727842	47.953	ug/l	99
74) N-amyl acetate	12.072	43	120776	46.314	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	120473	47.078	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	163011	83.770	ug/l #	100
77) Bromobenzene	12.536	156	186160	48.538	ug/l	99
78) n-propylbenzene	12.597	91	874536	48.382	ug/l	99
79) 2-Chlorotoluene	12.682	91	498448	47.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	613435	49.051	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	38218	47.296	ug/l	98
82) 4-Chlorotoluene	12.780	91	523473	47.904	ug/l	98
83) tert-Butylbenzene	12.999	119	538982	48.054	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	621868	49.714	ug/l	100
85) sec-Butylbenzene	13.176	105	800547	48.777	ug/l	99
86) p-Isopropyltoluene	13.292	119	689548	49.477	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	371168	47.649	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	364925	47.301	ug/l	98
89) n-Butylbenzene	13.621	91	597694	47.980	ug/l	99
90) Hexachloroethane	13.883	117	142735	46.615	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	324218	47.720	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19397	47.643	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	182261	47.340	ug/l	100
94) Hexachlorobutadiene	15.023	225	111490	47.066	ug/l	99
95) Naphthalene	15.145	128	304421	47.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	158454	47.678	ug/l	98

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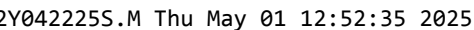
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

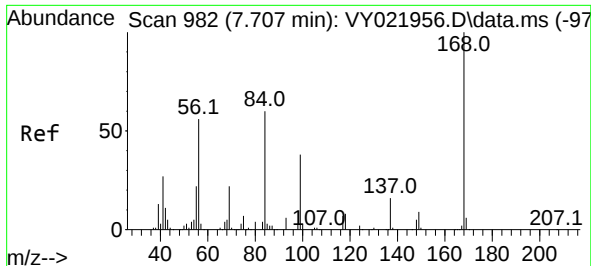
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

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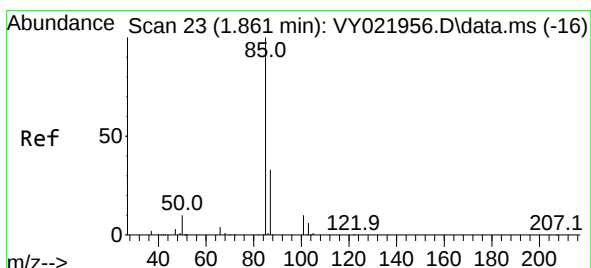
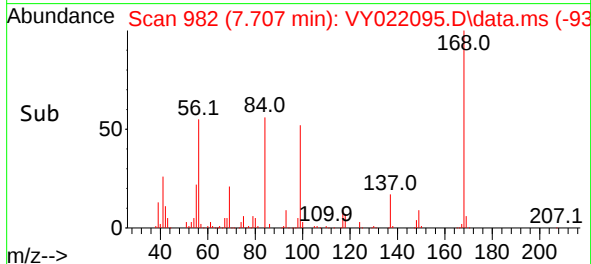
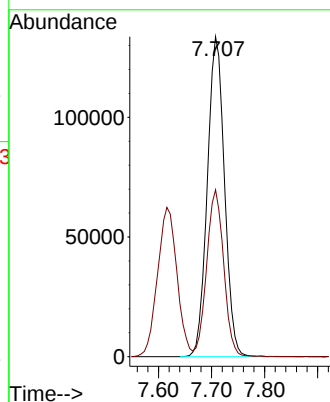
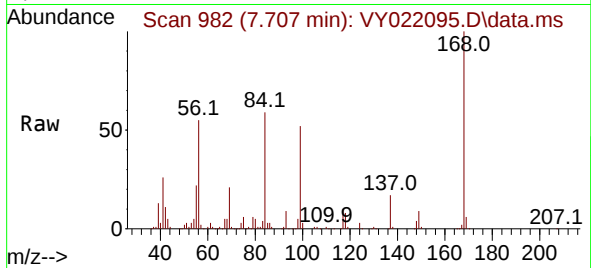




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

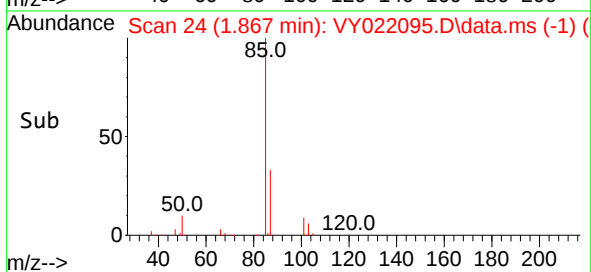
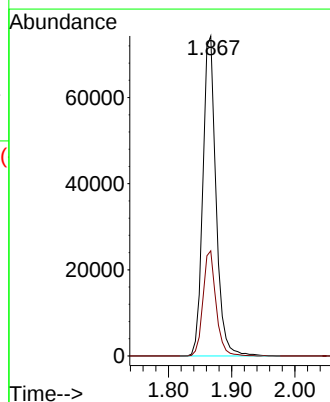
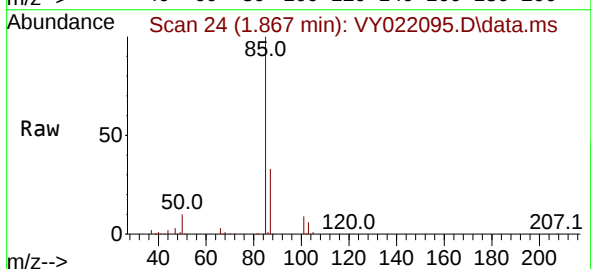
Instrument :
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ClientSampleId :
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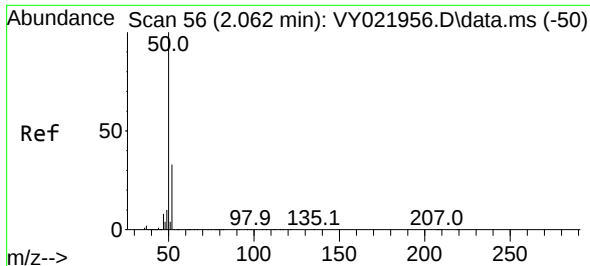
Tgt Ion:168 Resp: 300031
Ion Ratio Lower Upper
168 100
99 52.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 42.149 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 85 Resp: 107755
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.7

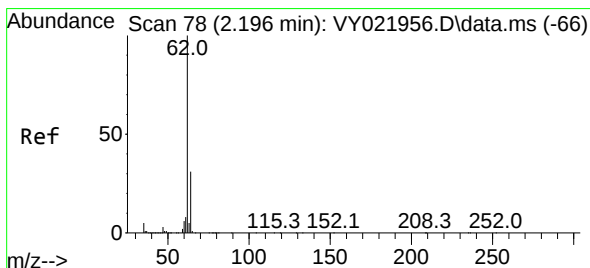
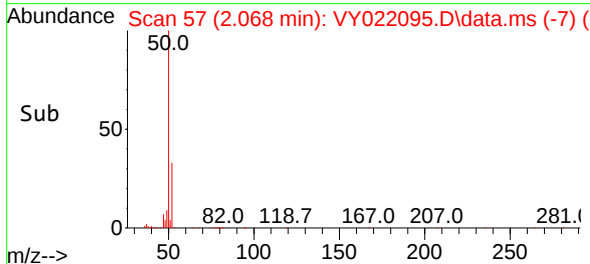
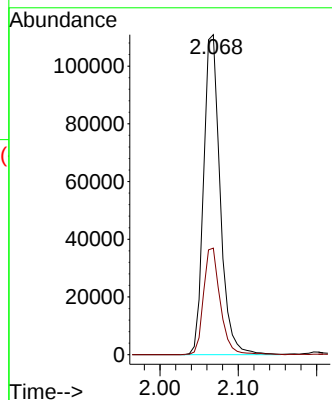
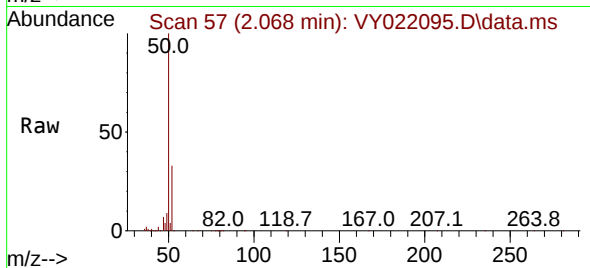




#3
Chloromethane
Concen: 44.656 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

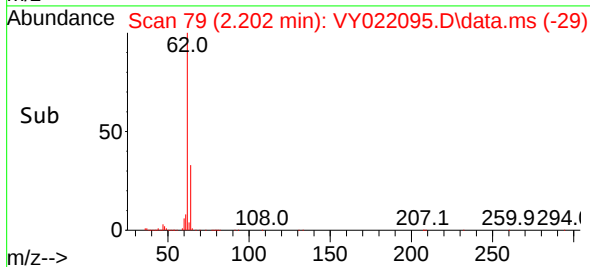
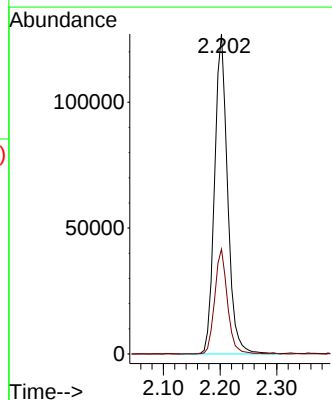
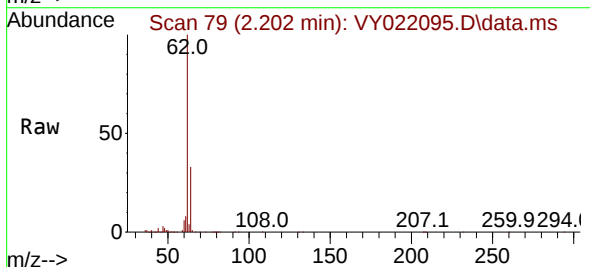
Instrument :
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ClientSampleId :
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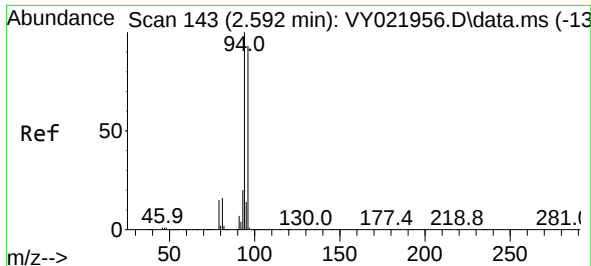
Tgt Ion: 50 Resp: 162561
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1



#4
Vinyl Chloride
Concen: 45.411 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 62 Resp: 203141
Ion Ratio Lower Upper
62 100
64 32.8 25.1 37.7

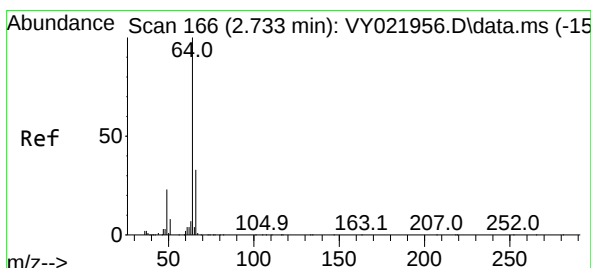
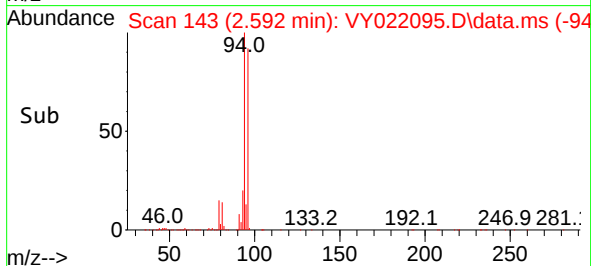
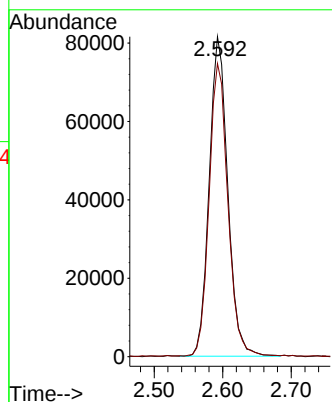
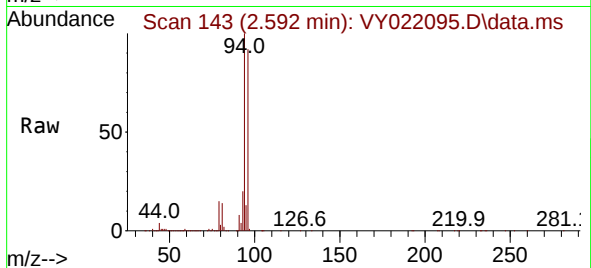




#5
Bromomethane
Concen: 39.803 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

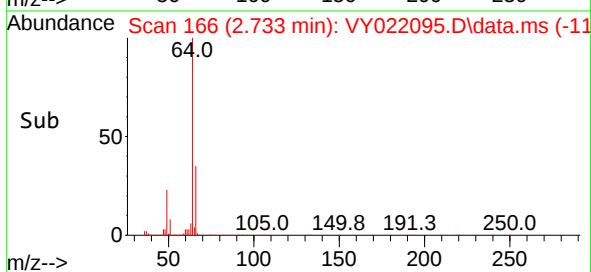
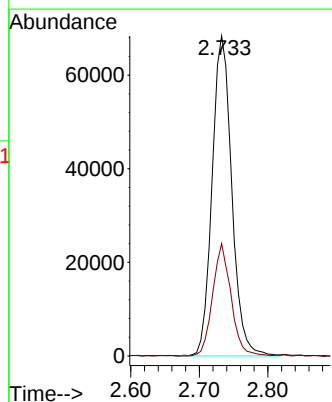
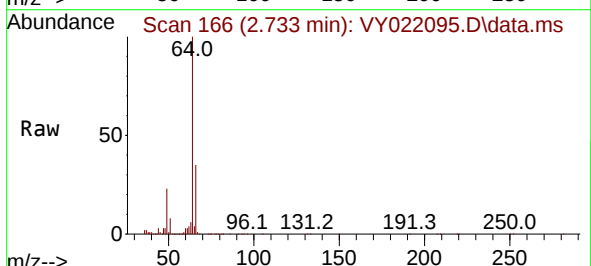
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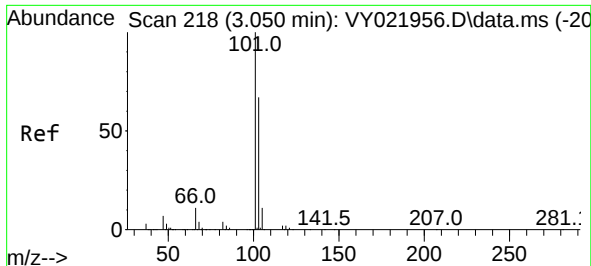
Tgt Ion: 94 Resp: 153399
Ion Ratio Lower Upper
94 100
96 91.4 74.6 111.8



#6
Chloroethane
Concen: 44.717 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 64 Resp: 136234
Ion Ratio Lower Upper
64 100
66 35.1 26.2 39.4

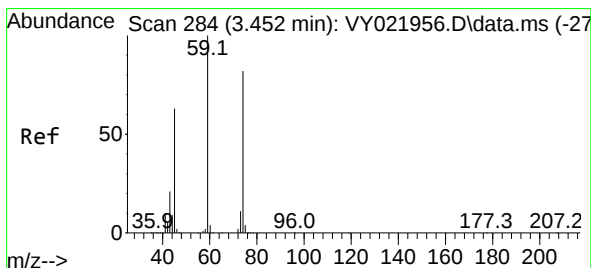
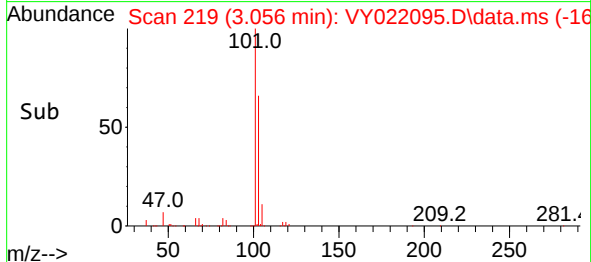
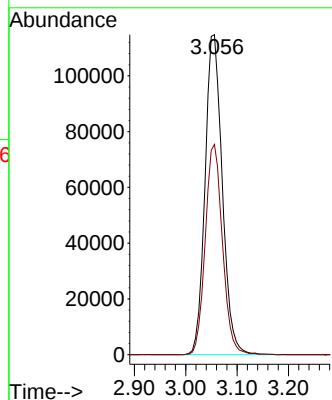
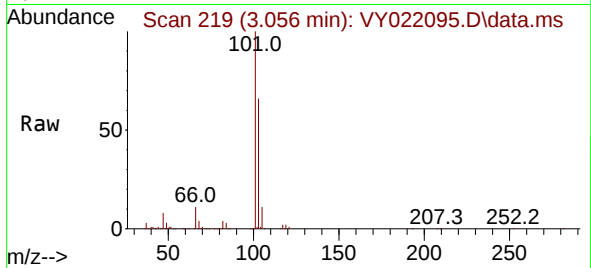




#7
Trichlorofluoromethane
Concen: 45.309 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

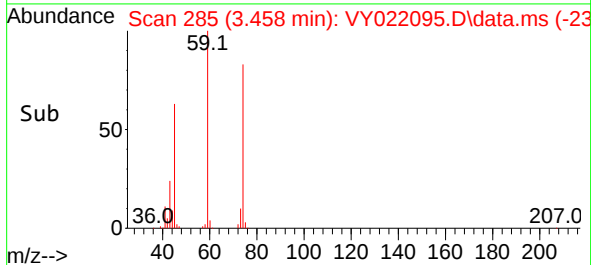
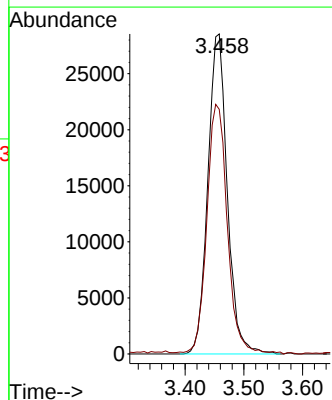
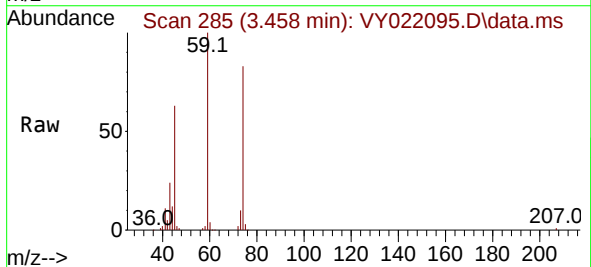
Instrument :
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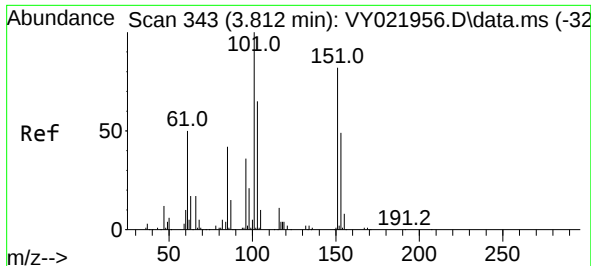
Tgt Ion:101 Resp: 267266
Ion Ratio Lower Upper
101 100
103 65.7 53.6 80.4



#8
Diethyl Ether
Concen: 42.745 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022095.D
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Tgt Ion: 74 Resp: 65627
Ion Ratio Lower Upper
74 100
45 80.8 39.1 117.5

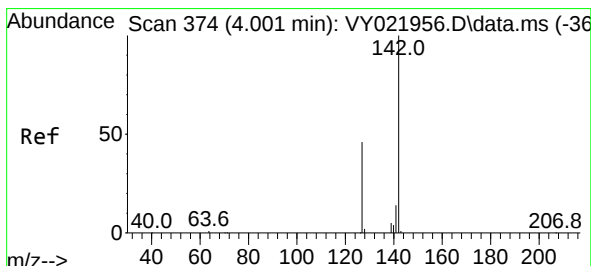
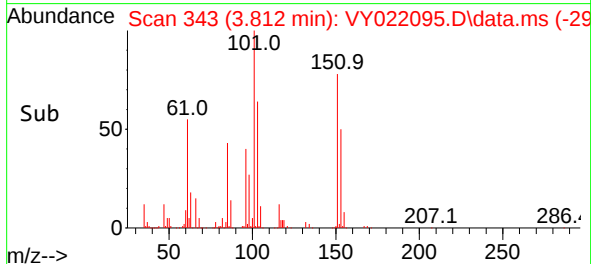
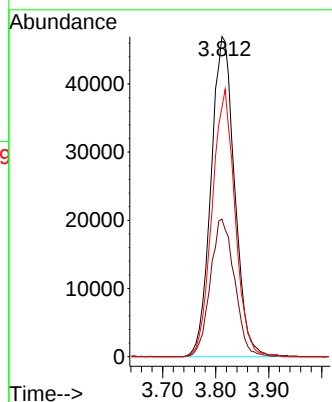
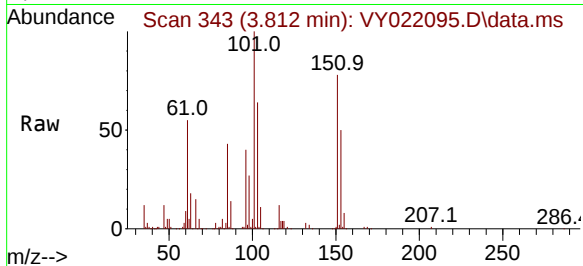




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.342 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

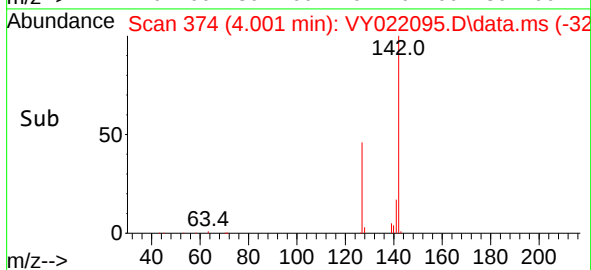
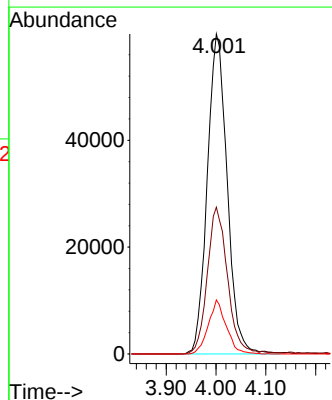
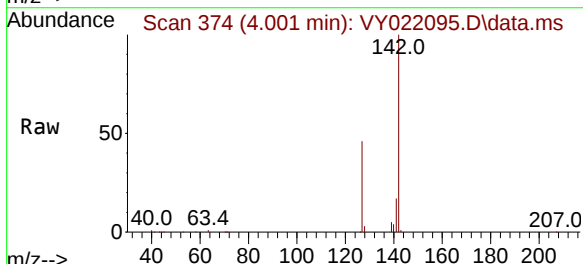
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

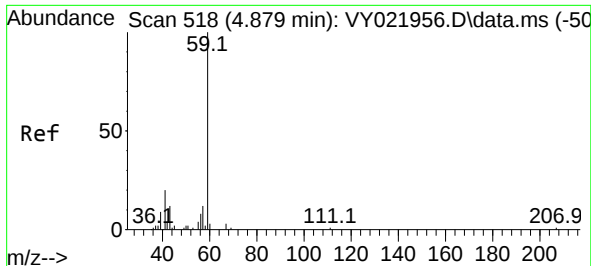
Tgt Ion:101 Resp: 145092
Ion Ratio Lower Upper
101 100
85 44.1 34.6 51.8
151 81.4 63.7 95.5



#10
Methyl Iodide
Concen: 44.860 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:142 Resp: 166199
Ion Ratio Lower Upper
142 100
127 46.8 36.2 54.2
141 15.2 11.7 17.5

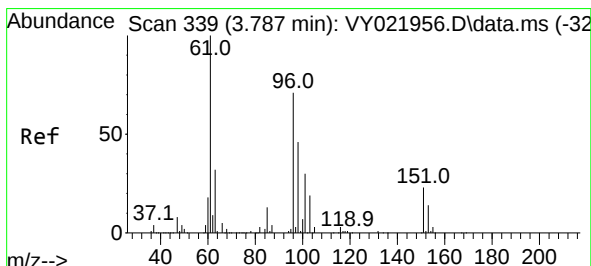
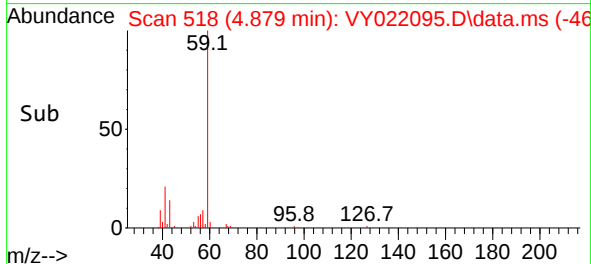
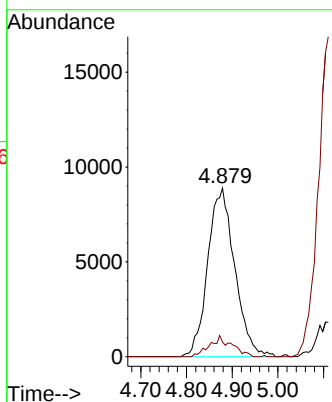
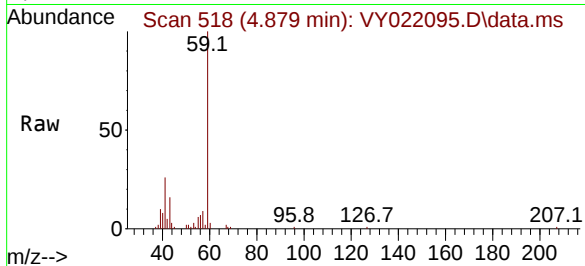




#11
Tert butyl alcohol
Concen: 239.412 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

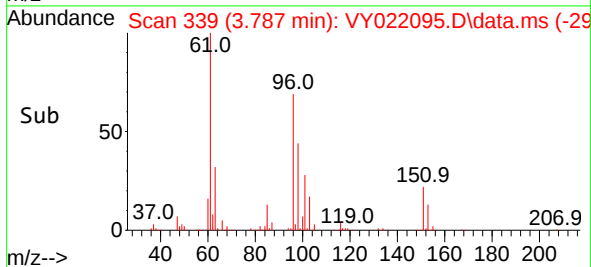
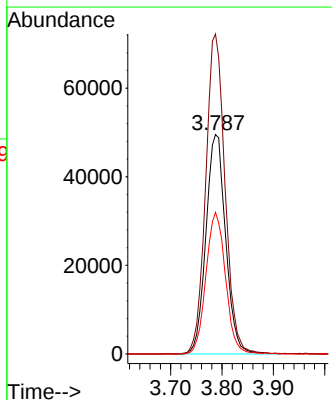
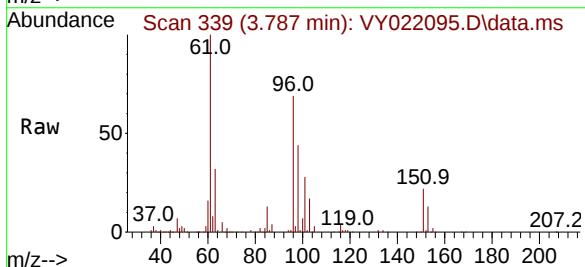
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

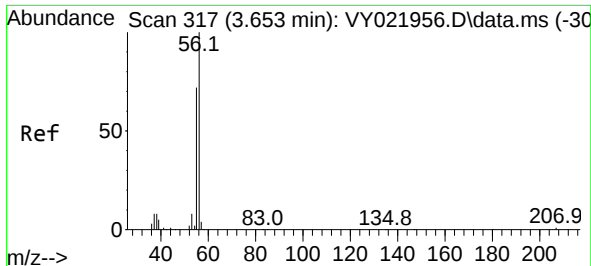
Tgt Ion: 59 Resp: 36425
Ion Ratio Lower Upper
59 100
57 6.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 44.312 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 96 Resp: 132167
Ion Ratio Lower Upper
96 100
61 145.8 113.0 169.4
98 64.5 51.4 77.2

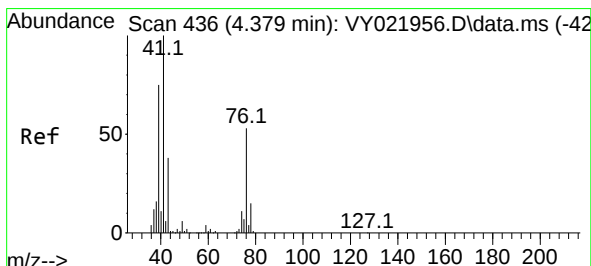
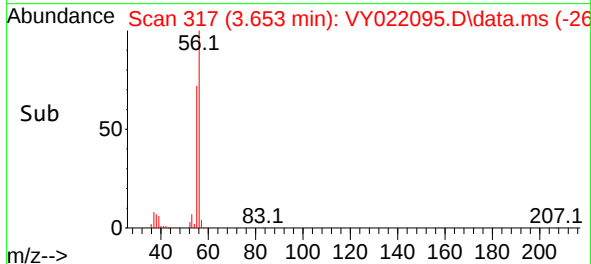
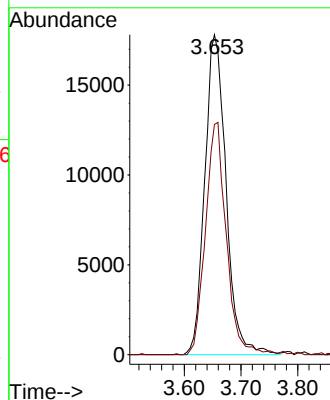
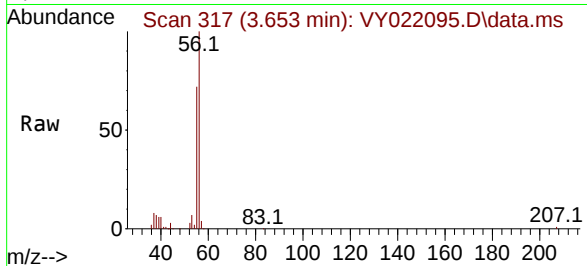




#13
Acrolein
Concen: 170.015 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

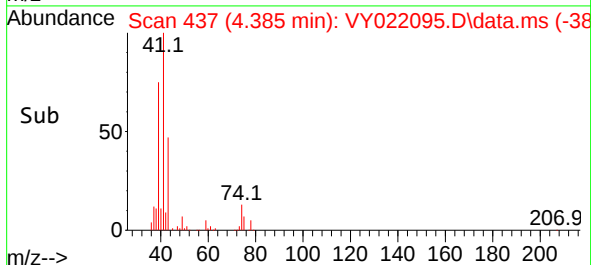
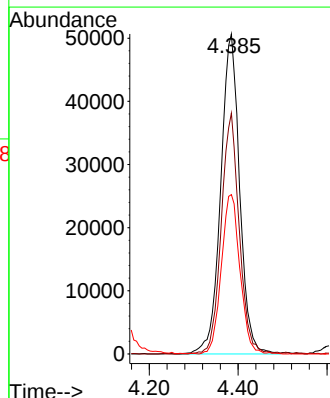
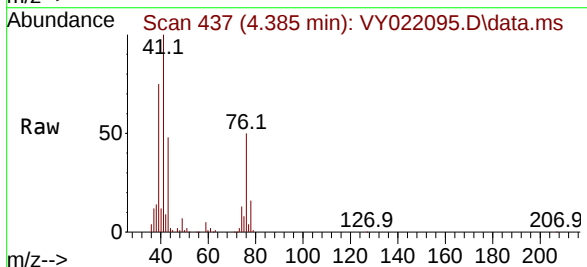
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 46426
Ion Ratio Lower Upper
56 100
55 71.0 57.4 86.0



#14
Allyl chloride
Concen: 43.012 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 41 Resp: 149377
Ion Ratio Lower Upper
41 100
39 71.4 57.2 85.8
76 48.9 39.7 59.5

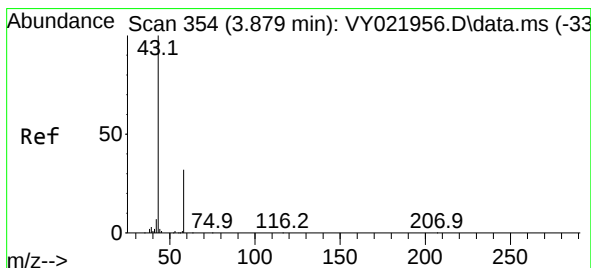
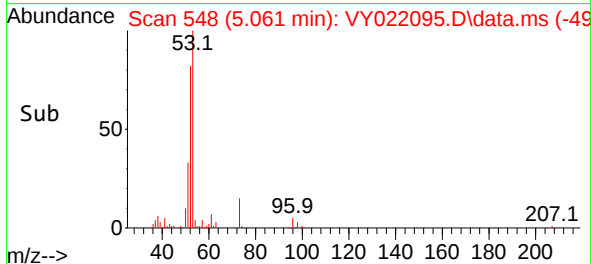
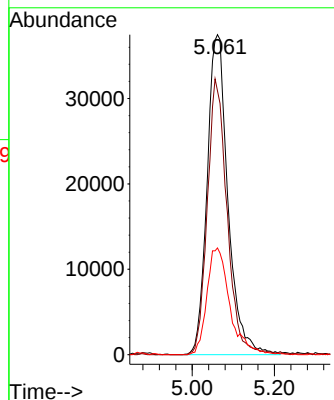
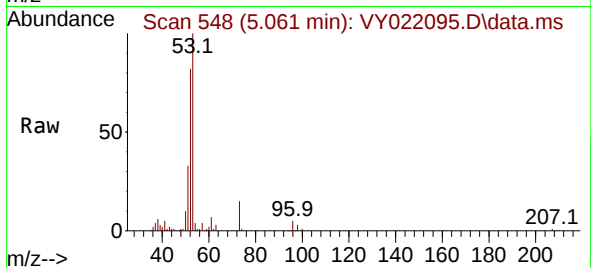




#15
Acrylonitrile
Concen: 234.690 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

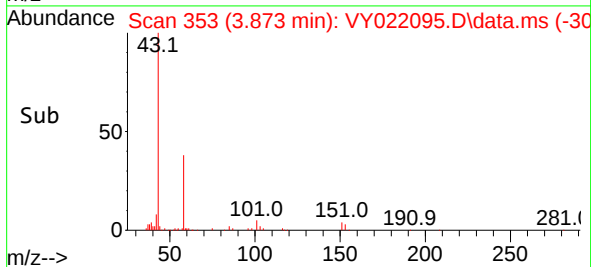
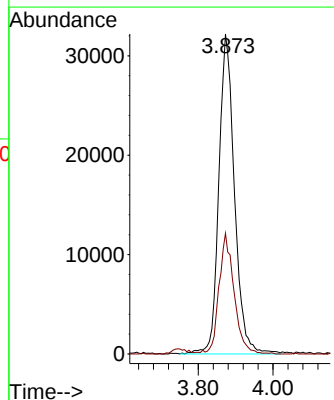
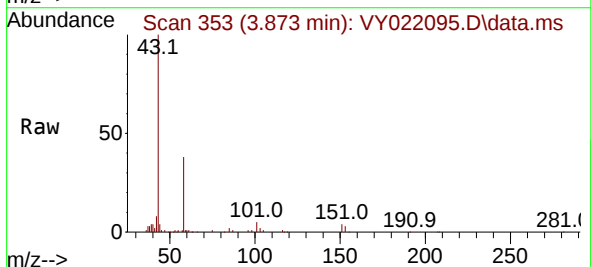
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

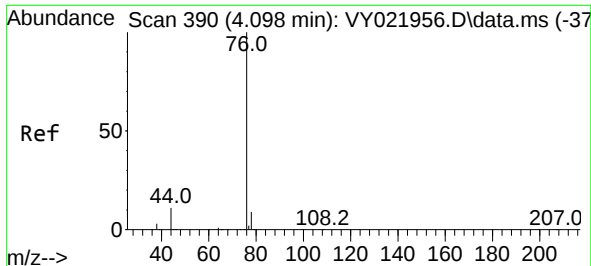
Tgt Ion: 53 Resp: 131912
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.6
51 36.9 28.9 43.3



#16
Acetone
Concen: 258.562 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 93527
Ion Ratio Lower Upper
43 100
58 37.7 27.0 40.4

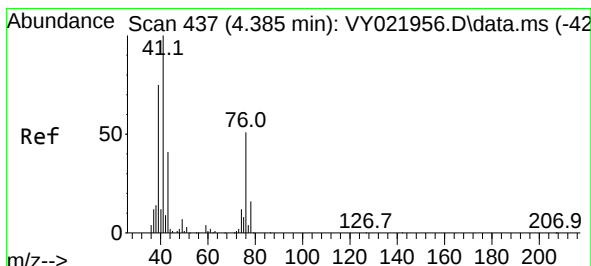
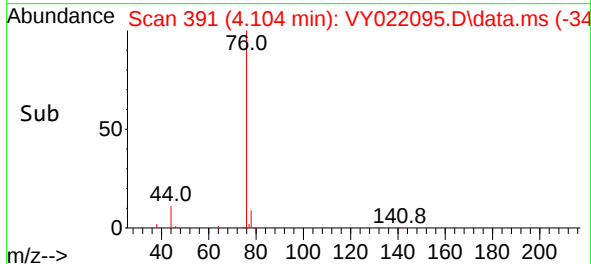
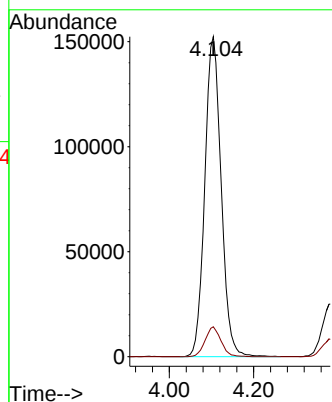
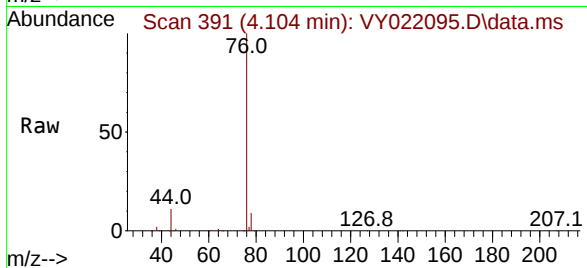




#17
Carbon Disulfide
Concen: 43.277 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

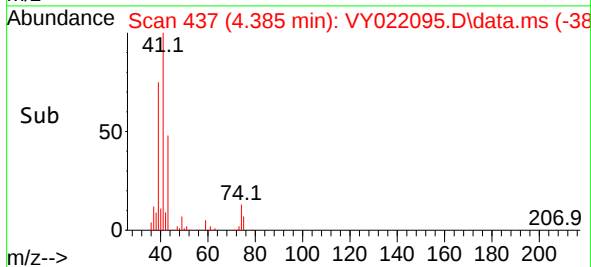
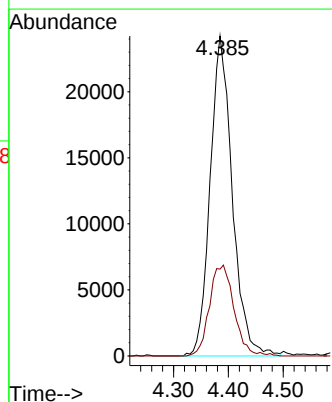
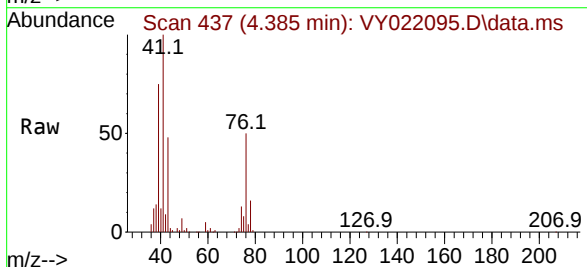
Instrument :
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ClientSampleId :
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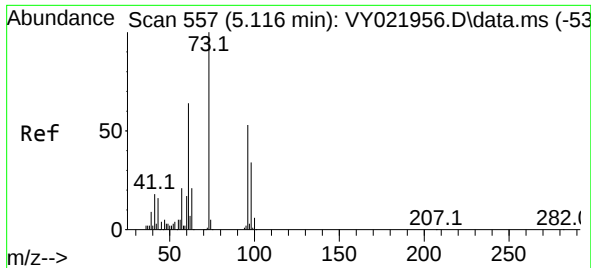
Tgt Ion: 76 Resp: 411563
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 52.440 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 67887
Ion Ratio Lower Upper
43 100
74 31.5 24.2 36.4

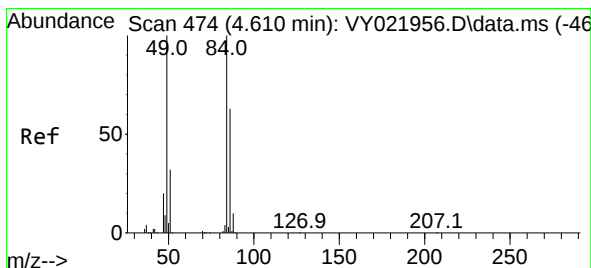
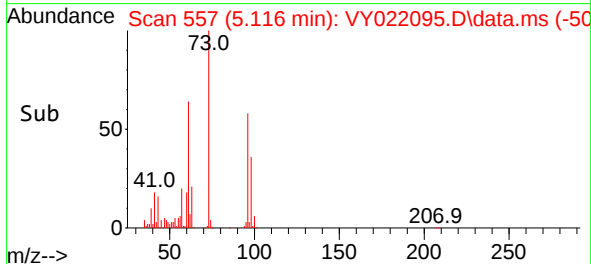
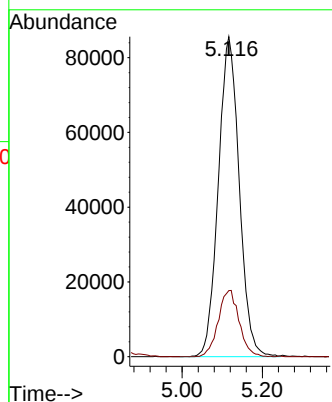
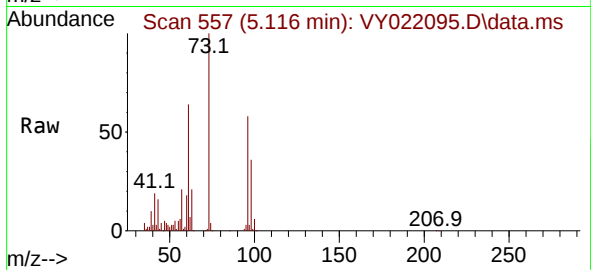




#19
Methyl tert-butyl Ether
Concen: 46.339 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

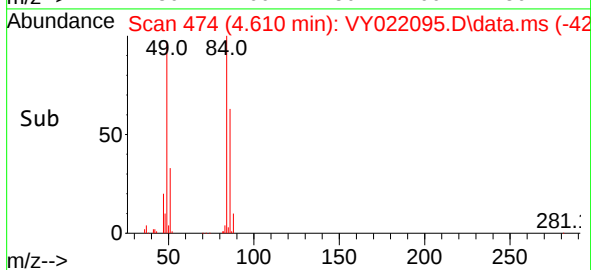
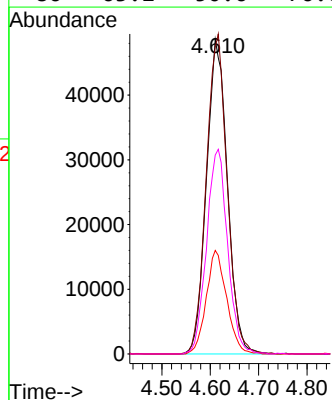
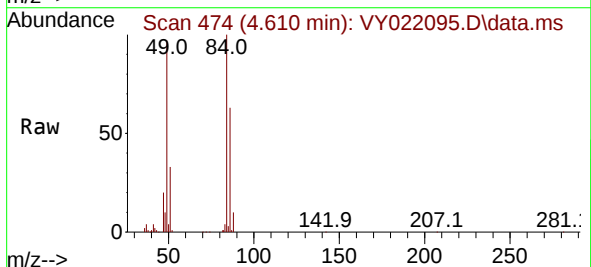
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

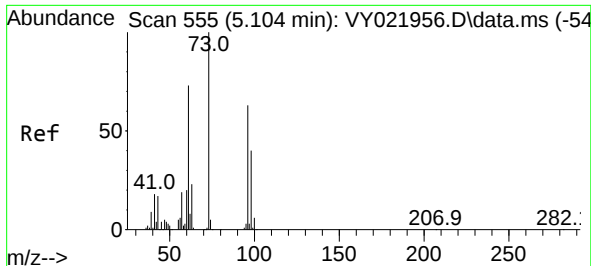
Tgt Ion: 73 Resp: 309344
Ion Ratio Lower Upper
73 100
57 20.6 16.9 25.3



#20
Methylene Chloride
Concen: 41.790 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 84 Resp: 146445
Ion Ratio Lower Upper
84 100
49 97.5 79.9 119.9
51 32.9 25.4 38.0
86 63.2 50.6 76.0

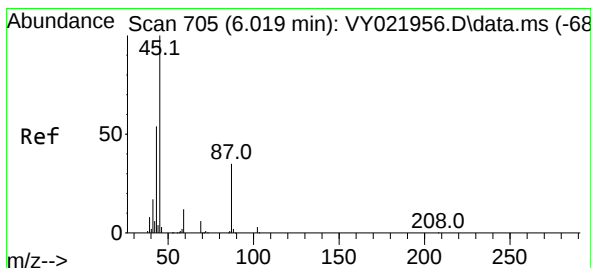
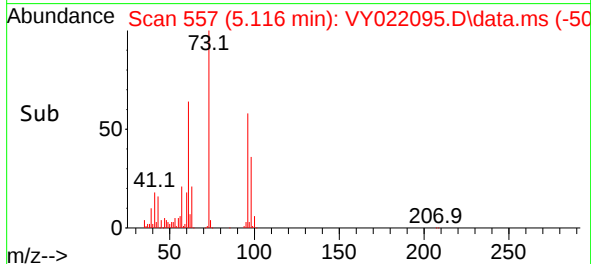
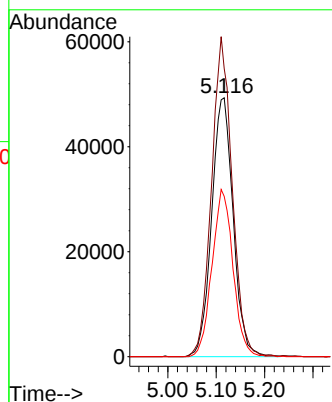
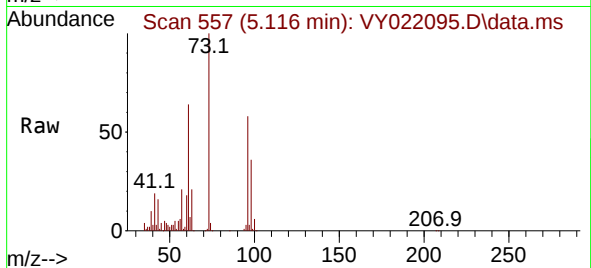




#21
trans-1,2-Dichloroethene
Concen: 45.652 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

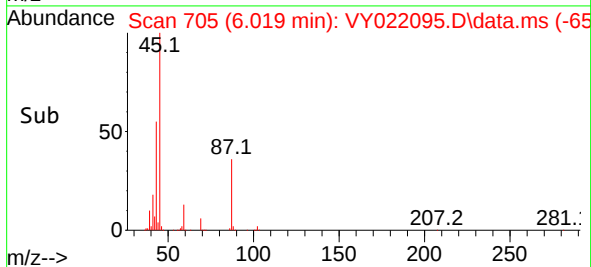
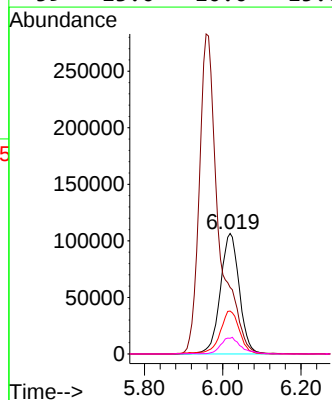
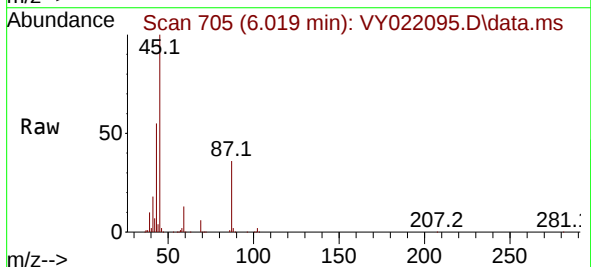
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

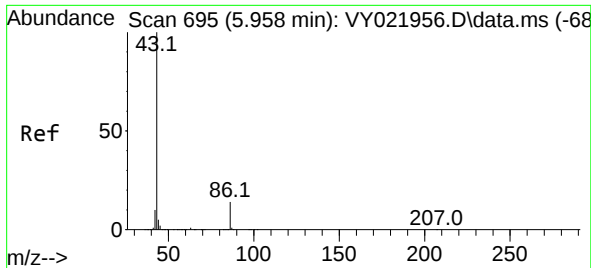
Tgt Ion: 96 Resp: 152494
Ion Ratio Lower Upper
96 100
61 111.3 92.6 138.8
98 62.0 50.2 75.4



#22
Diisopropyl ether
Concen: 46.406 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 45 Resp: 358660
Ion Ratio Lower Upper
45 100
43 54.9 43.6 65.4
87 35.5 28.2 42.4
59 13.0 10.0 15.0

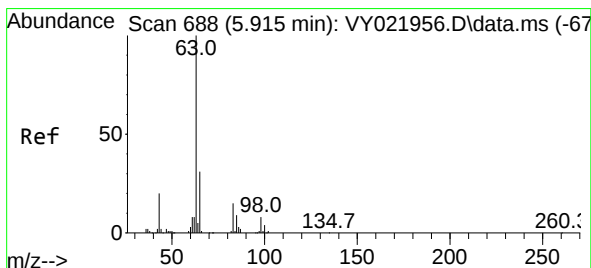
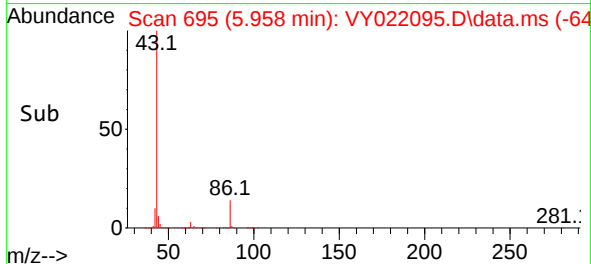
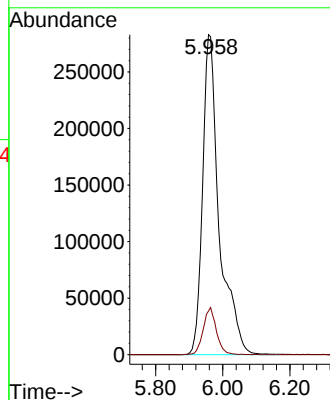
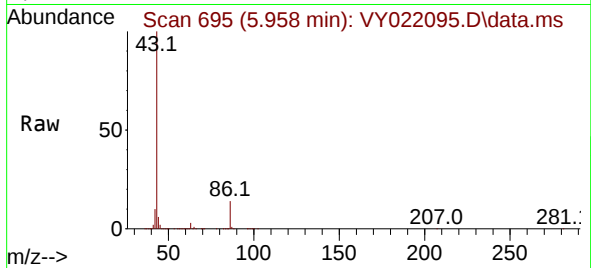




#23
 Vinyl Acetate
 Concen: 233.397 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

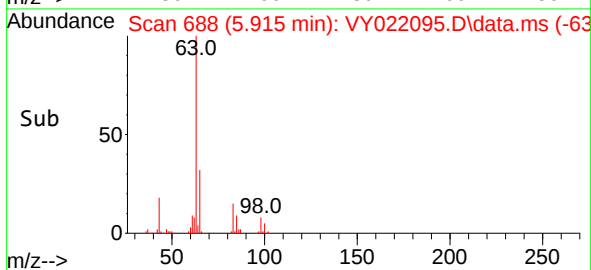
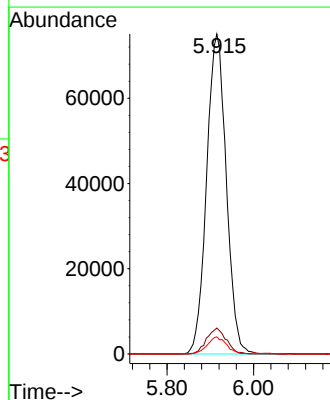
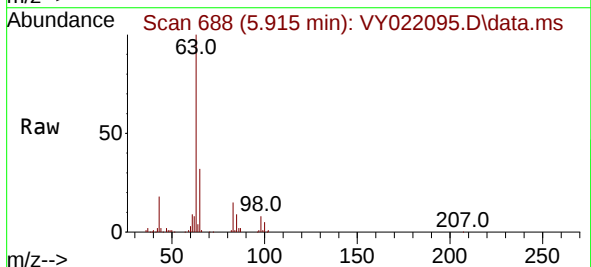
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

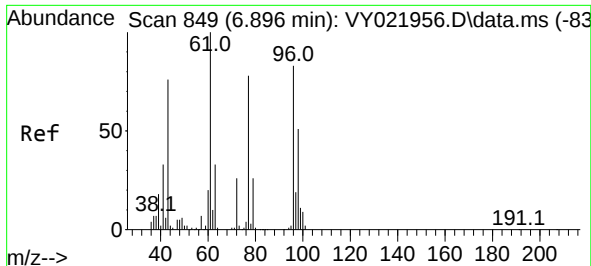
Tgt Ion: 43 Resp: 972154
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 44.117 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

Tgt Ion: 63 Resp: 236343
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 5.4 2.0 6.0

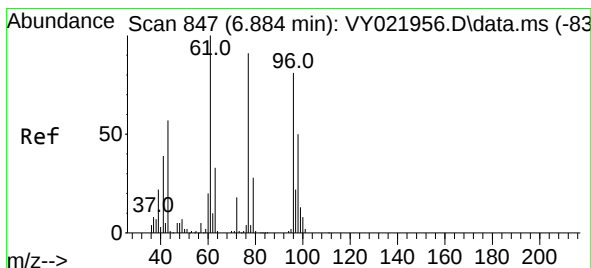
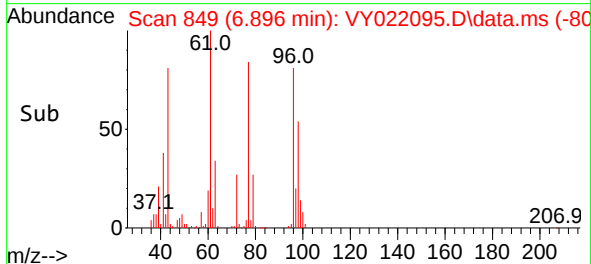
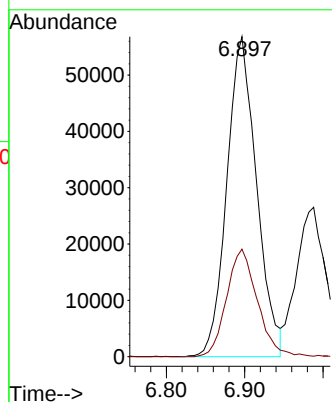
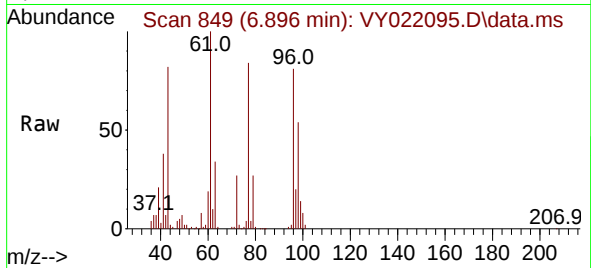




#25
2-Butanone
Concen: 237.416 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

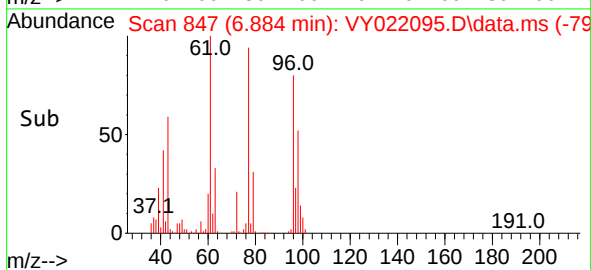
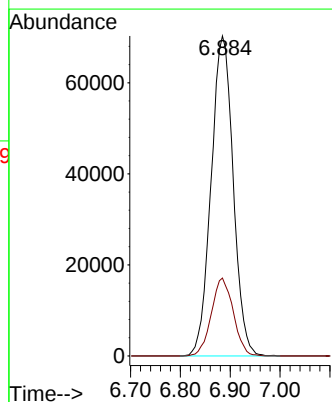
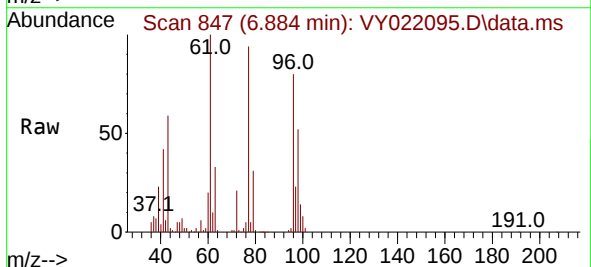
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

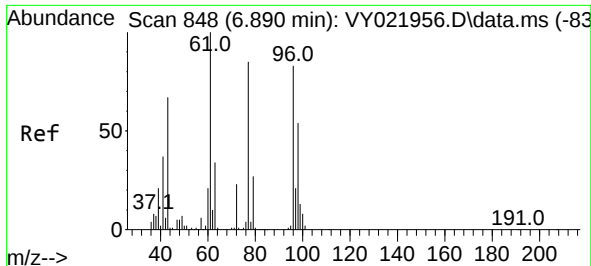
Tgt Ion: 43 Resp: 149979
Ion Ratio Lower Upper
43 100
72 33.6 27.0 40.4



#26
2,2-Dichloropropane
Concen: 46.061 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 77 Resp: 216277
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.4

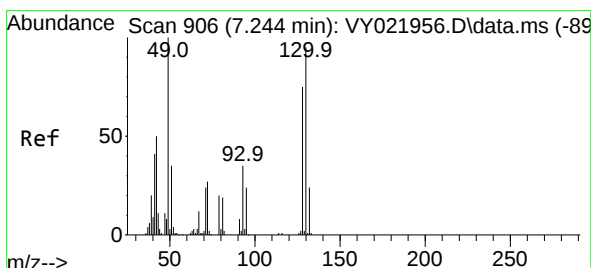
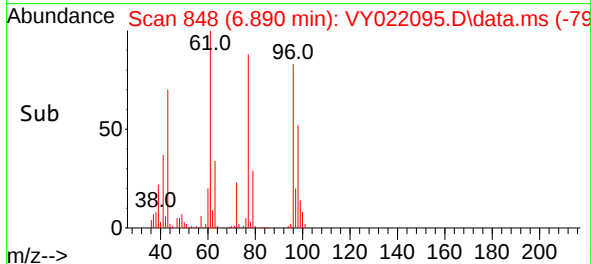
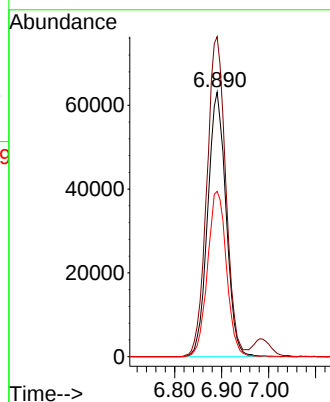
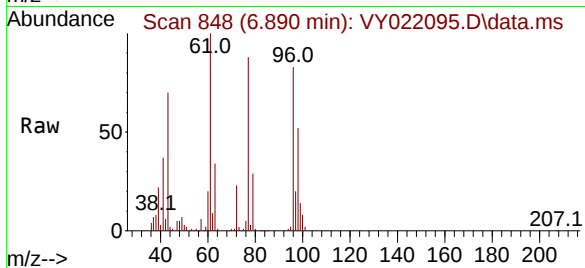




#27
 cis-1,2-Dichloroethene
 Concen: 45.794 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

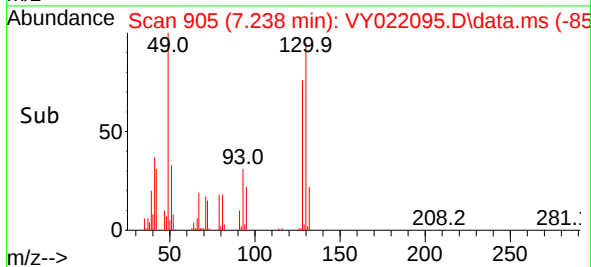
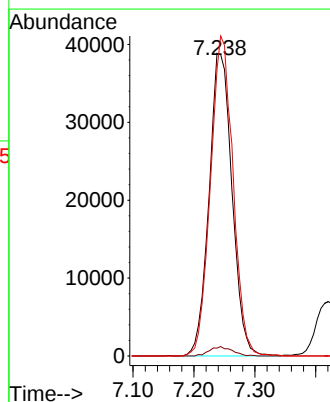
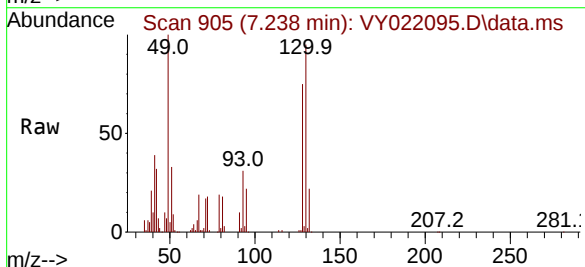
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

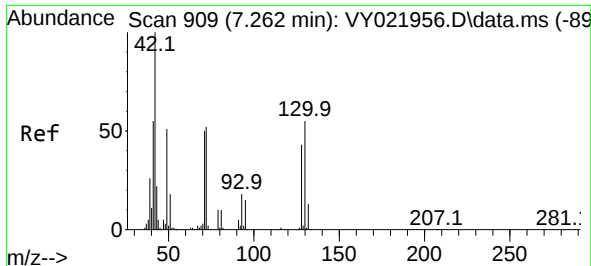
Tgt Ion: 96 Resp: 171041
 Ion Ratio Lower Upper
 96 100
 61 125.3 0.0 251.4
 98 64.4 0.0 128.4



#28
 Bromochloromethane
 Concen: 49.056 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

Tgt Ion: 49 Resp: 102077
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.0
 130 103.3 78.2 117.4

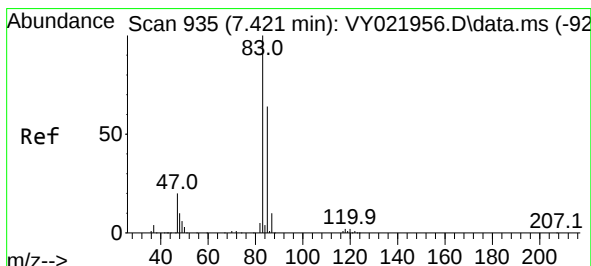
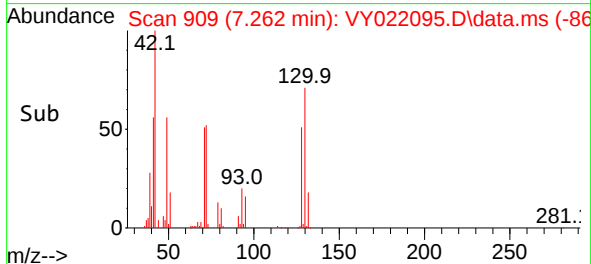
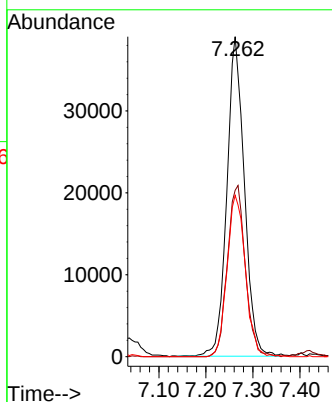
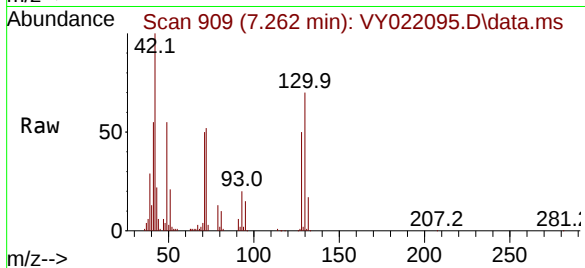




#29
Tetrahydrofuran
Concen: 245.385 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

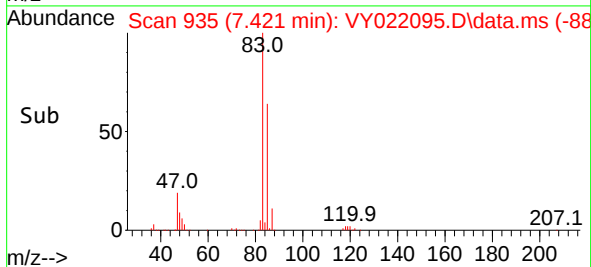
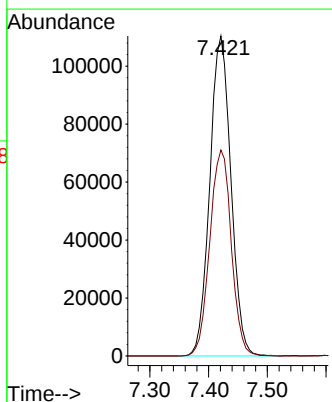
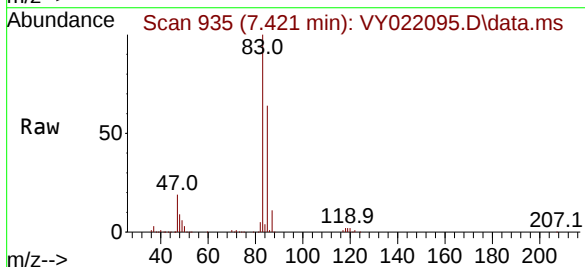
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 100678
Ion Ratio Lower Upper
42 100
72 55.1 42.6 63.8
71 53.0 40.6 61.0



#30
Chloroform
Concen: 46.403 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 83 Resp: 275742
Ion Ratio Lower Upper
83 100
85 64.3 51.3 76.9

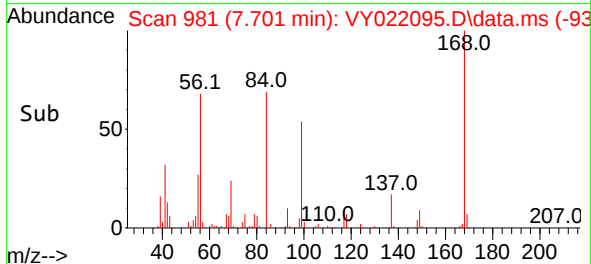
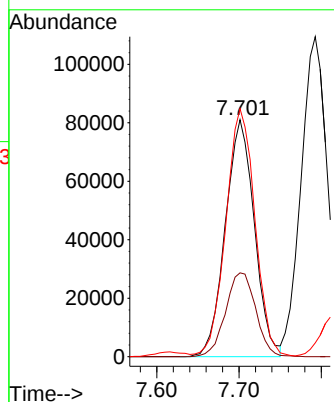
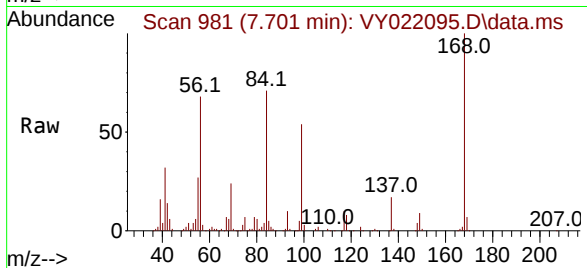




#31
Cyclohexane
Concen: 43.571 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

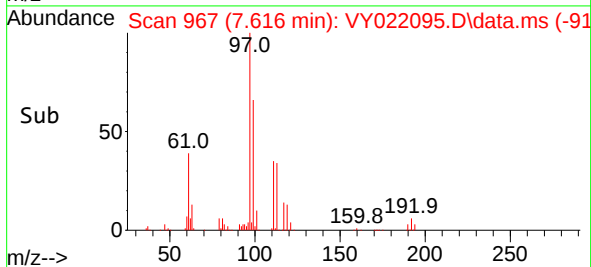
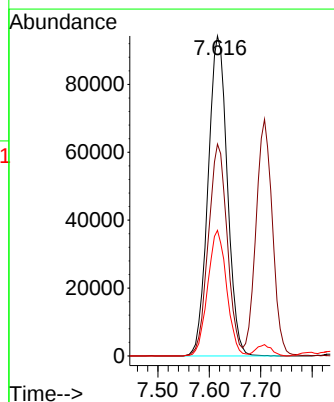
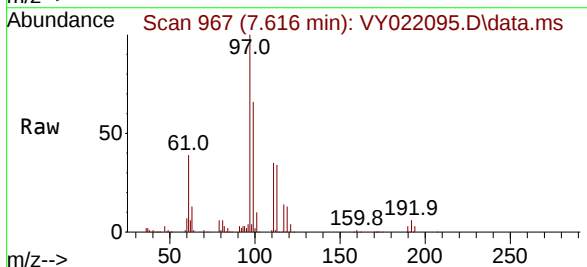
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

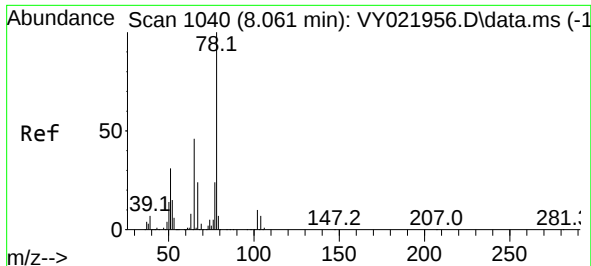
Tgt Ion: 56 Resp: 199607
Ion Ratio Lower Upper
56 100
69 35.4 29.4 44.2
84 103.2 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 45.518 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 97 Resp: 244709
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 38.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 46.711 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

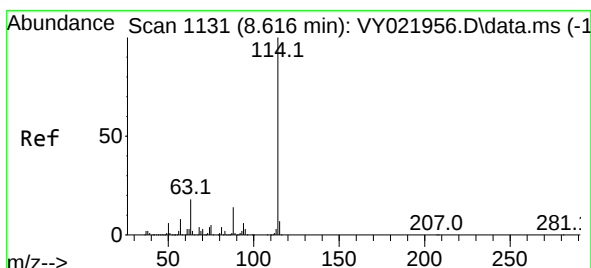
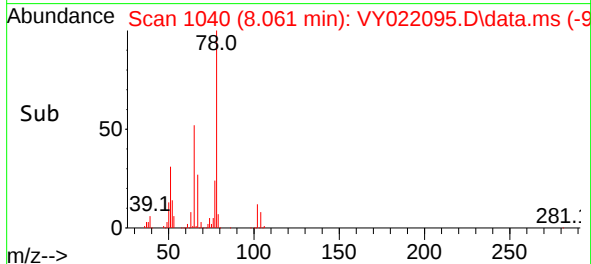
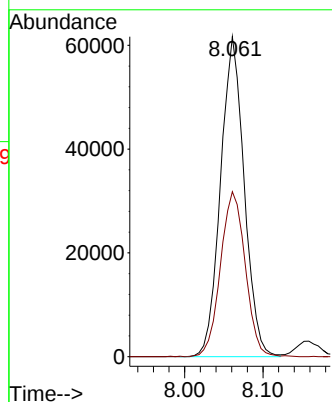
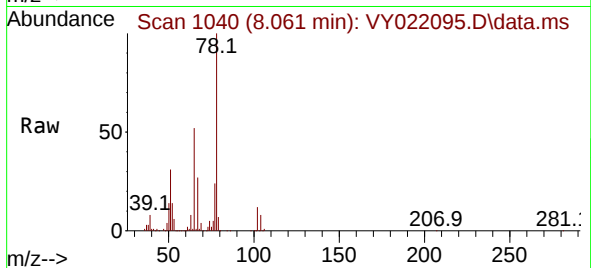
VSTDCCC050

Tgt Ion: 65 Resp: 129452

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

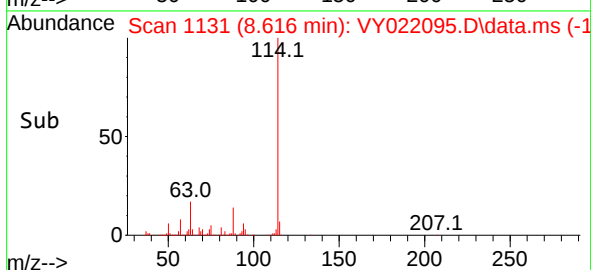
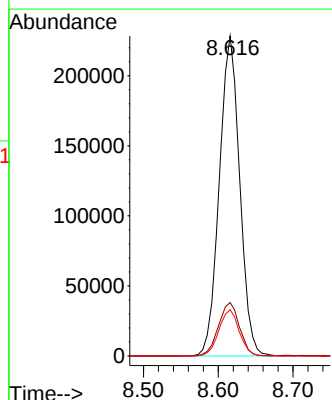
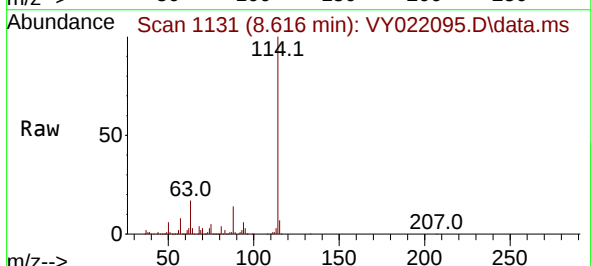
Tgt Ion: 114 Resp: 433614

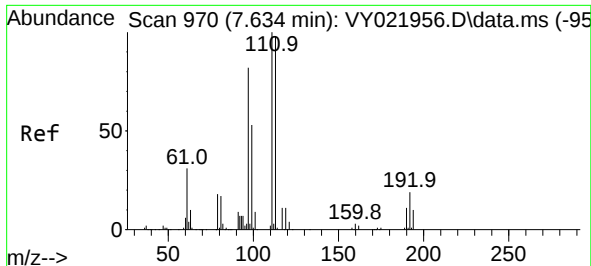
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.4

88 14.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 50.745 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

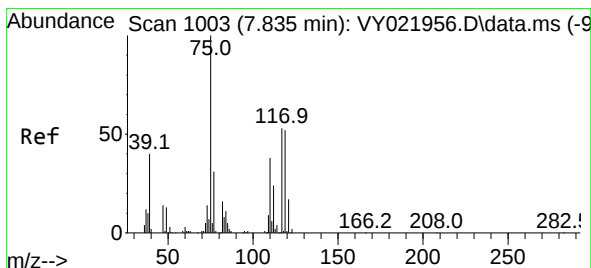
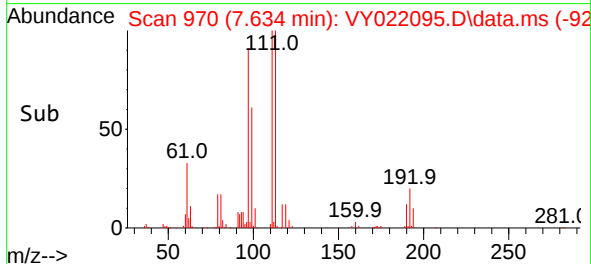
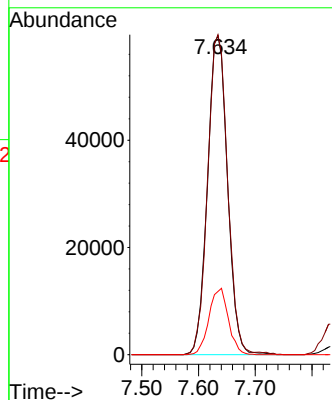
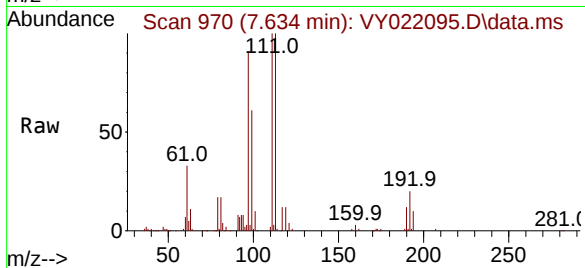
Tgt Ion:113 Resp: 145369

Ion Ratio Lower Upper

113 100

111 100.2 81.8 122.8

192 20.2 15.6 23.4



#36

1,1-Dichloropropene

Concen: 48.590 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

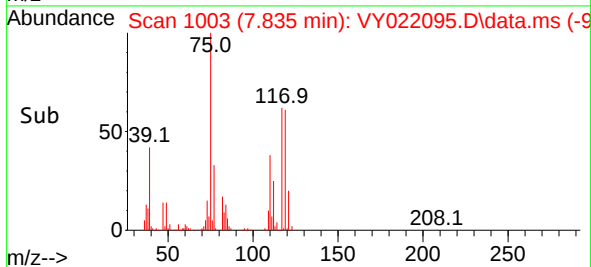
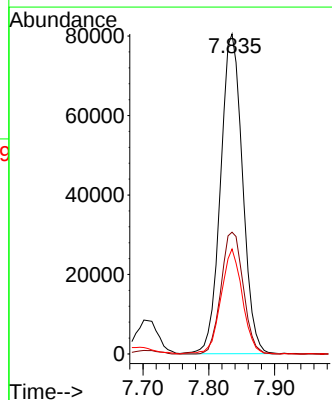
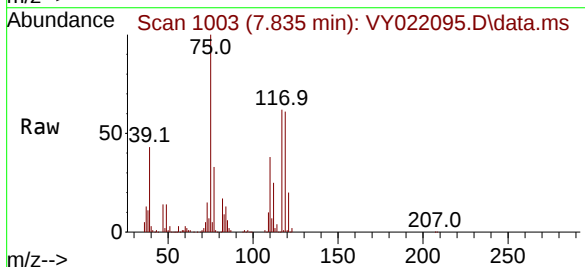
Tgt Ion: 75 Resp: 186977

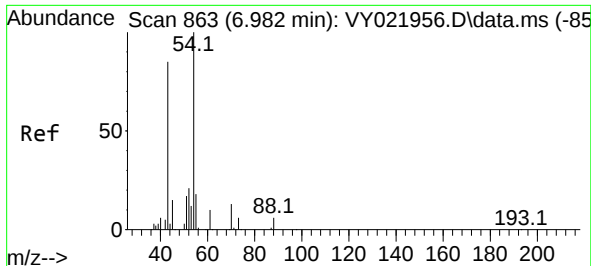
Ion Ratio Lower Upper

75 100

110 38.5 19.1 57.3

77 32.0 25.5 38.3





#37

Ethyl Acetate

Concen: 51.230 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

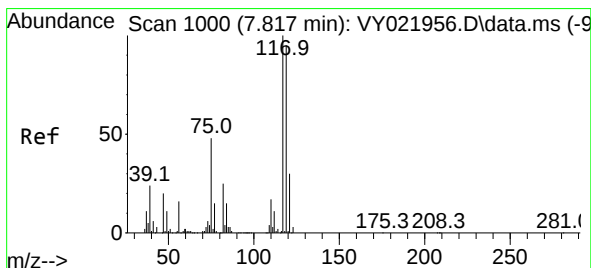
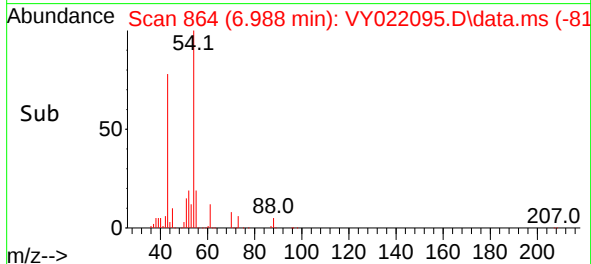
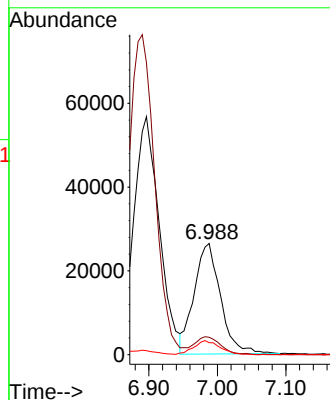
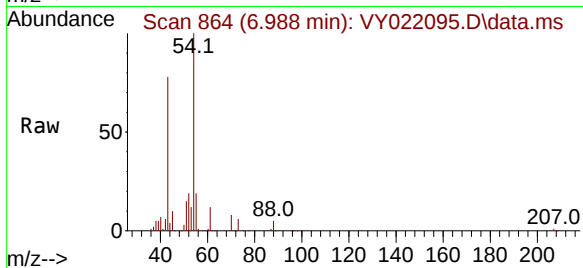
Tgt Ion: 43 Resp: 70801

Ion Ratio Lower Upper

43 100

61 15.6 13.8 20.6

70 12.5 9.2 13.8



#38

Carbon Tetrachloride

Concen: 49.824 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

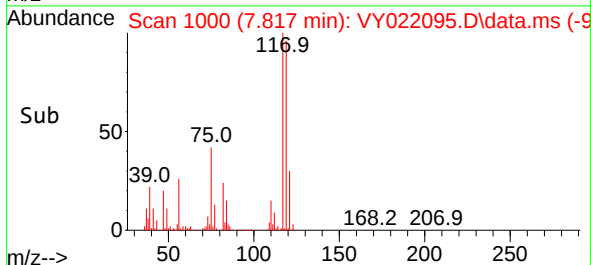
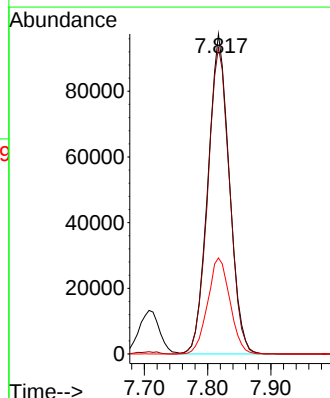
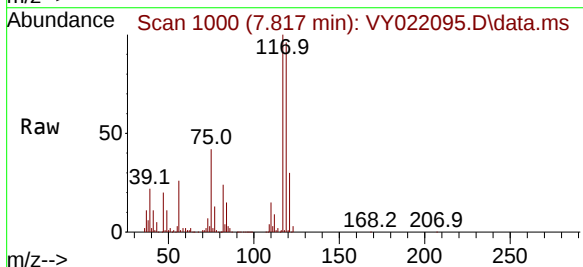
Tgt Ion: 117 Resp: 229097

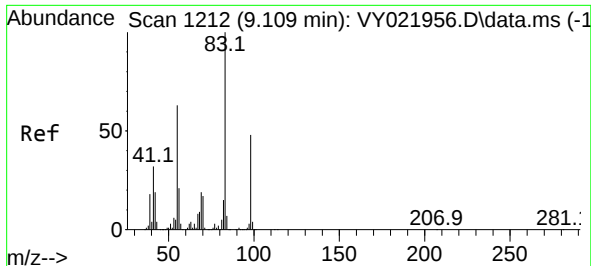
Ion Ratio Lower Upper

117 100

119 95.8 76.2 114.4

121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 49.231 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

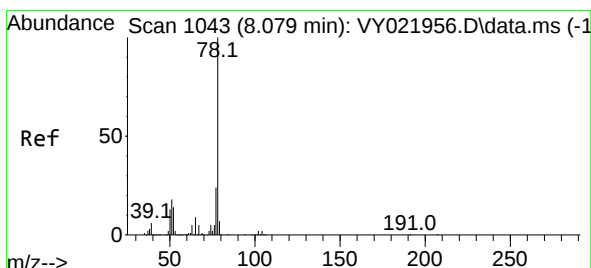
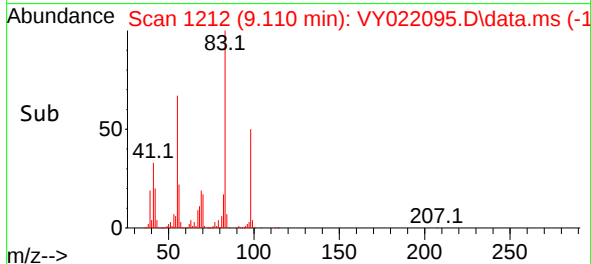
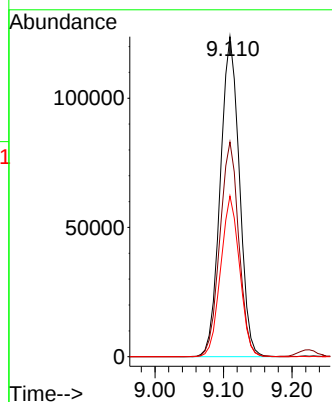
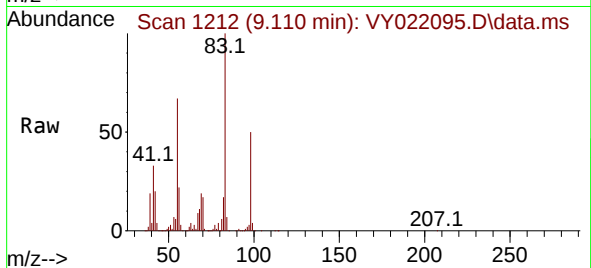
Tgt Ion: 83 Resp: 238404

Ion Ratio Lower Upper

83 100

55 67.1 50.6 75.8

98 50.2 38.6 58.0



#40

Benzene

Concen: 49.378 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022095.D

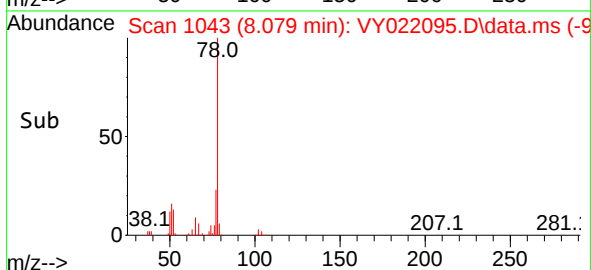
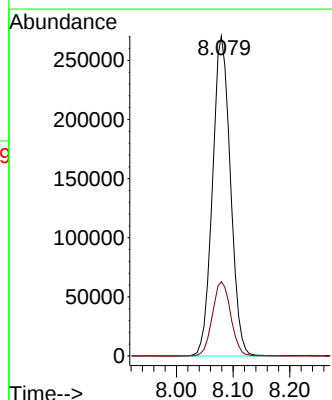
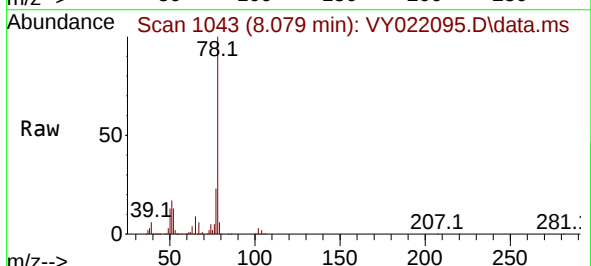
Acq: 01 May 2025 08:50

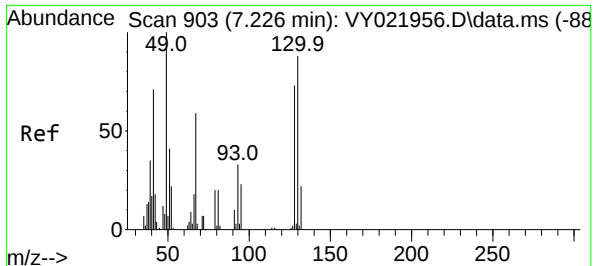
Tgt Ion: 78 Resp: 593961

Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9

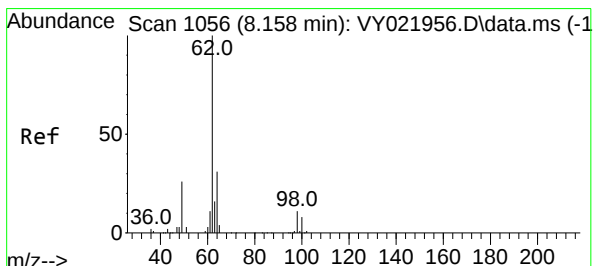
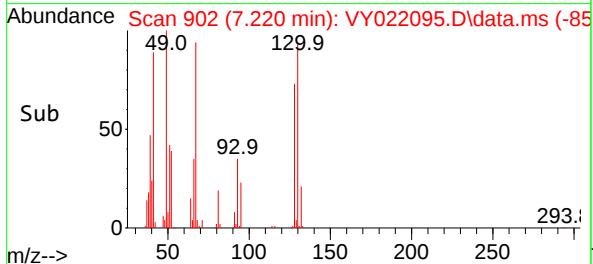
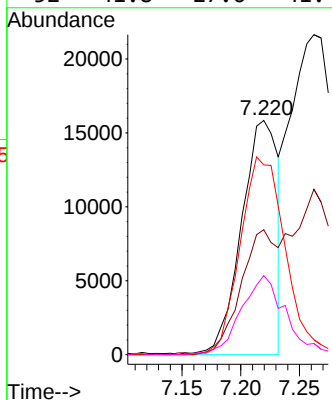
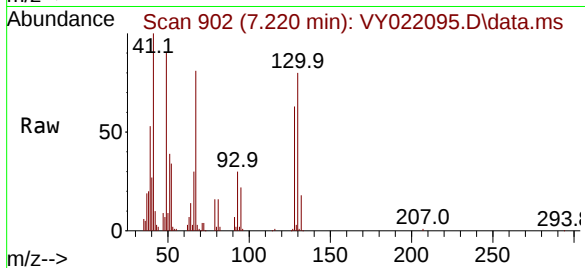




#41
Methacrylonitrile
Concen: 45.180 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

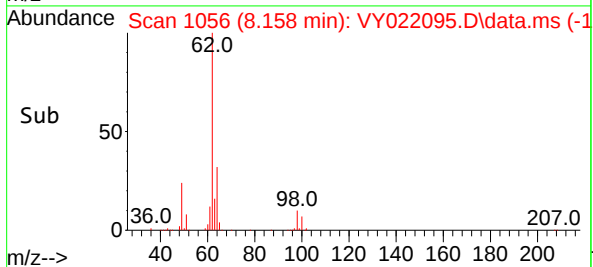
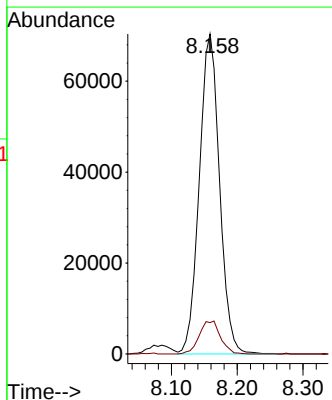
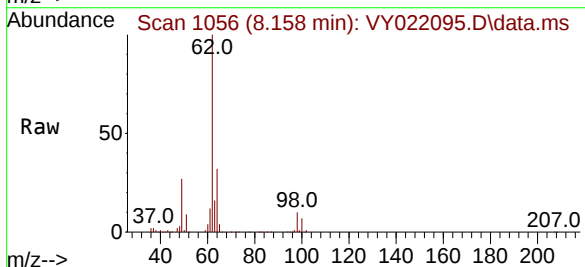
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

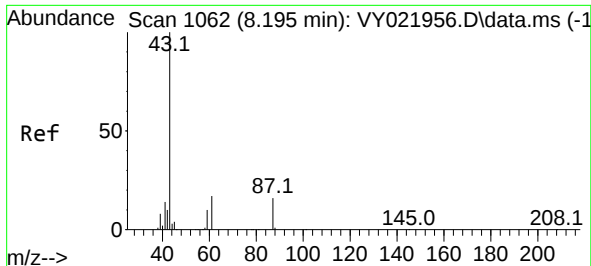
Tgt Ion: 41 Resp: 34133
Ion Ratio Lower Upper
41 100
39 53.5 36.6 55.0
67 105.7 72.2 108.4
52 41.8 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 50.652 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 62 Resp: 150849
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

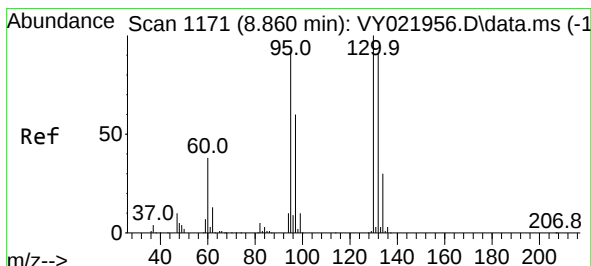
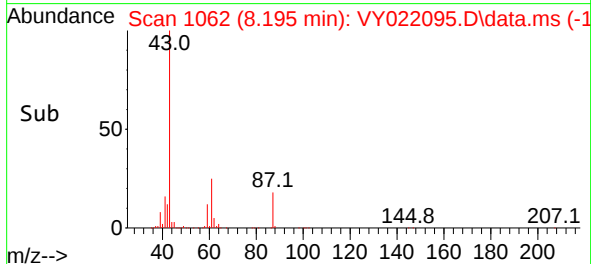
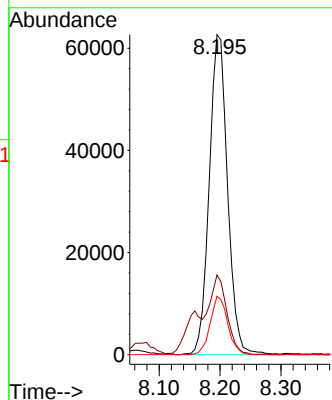
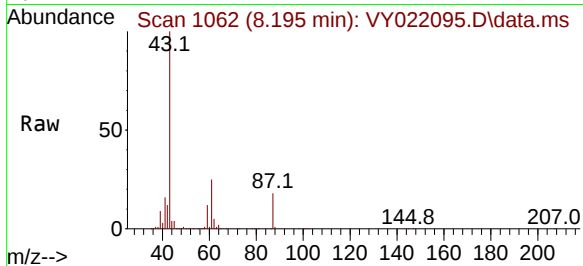




#43
Isopropyl Acetate
Concen: 49.331 ug/l
RT: 8.195 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

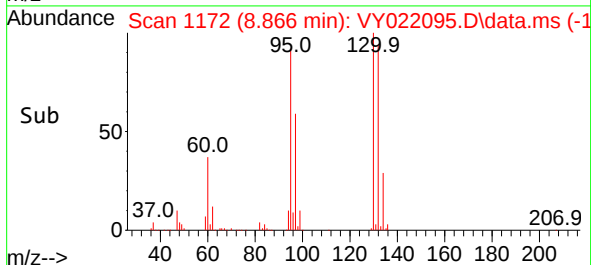
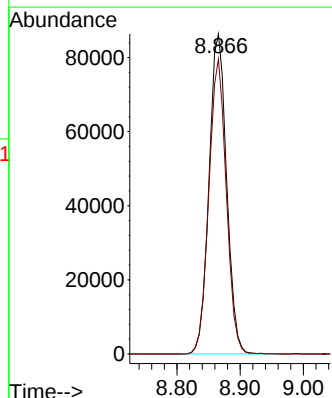
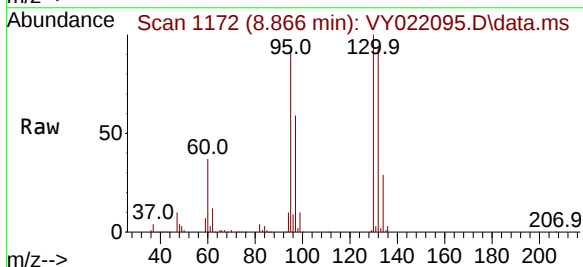
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 130927
Ion Ratio Lower Upper
43 100
61 23.9 18.9 28.3
87 17.4 13.7 20.5



#44
Trichloroethene
Concen: 50.105 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:130 Resp: 166940
Ion Ratio Lower Upper
130 100
95 92.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 49.528 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

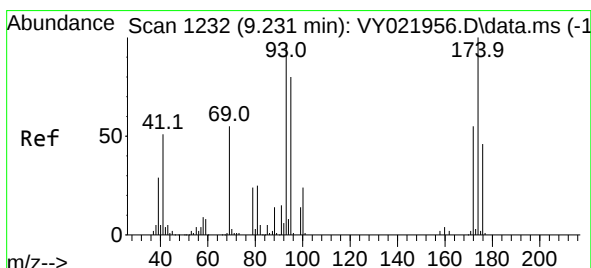
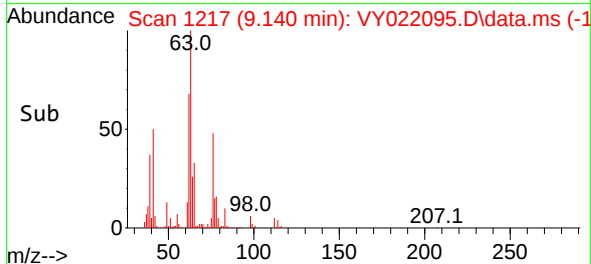
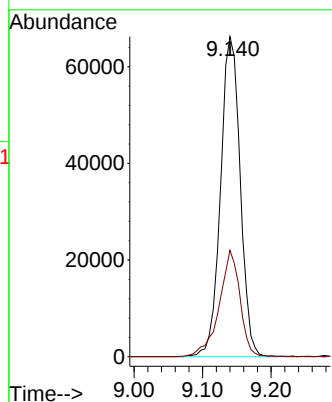
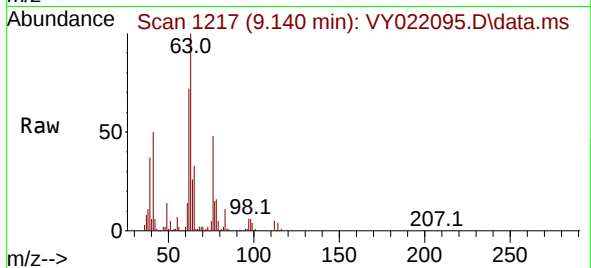
VSTDCCC050

Tgt Ion: 63 Resp: 131749

Ion Ratio Lower Upper

63 100

65 33.2 25.2 37.8



#46

Dibromomethane

Concen: 51.032 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

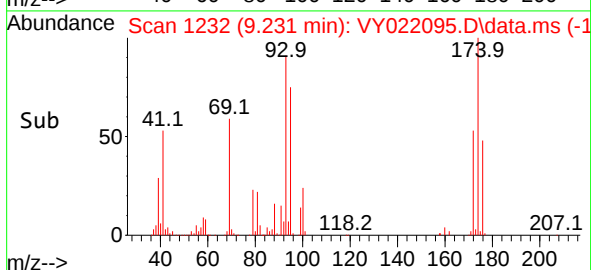
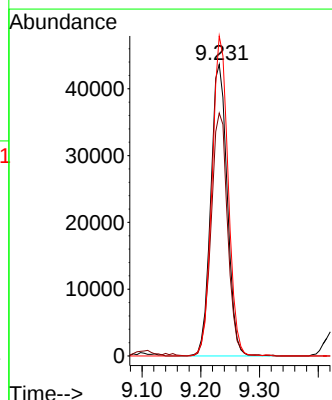
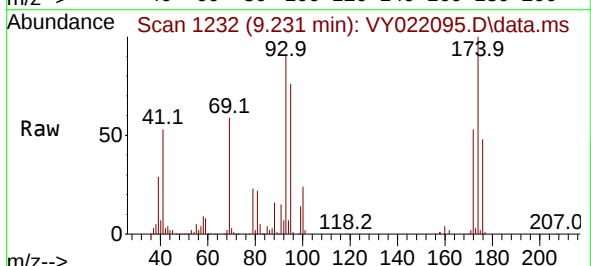
Tgt Ion: 93 Resp: 84979

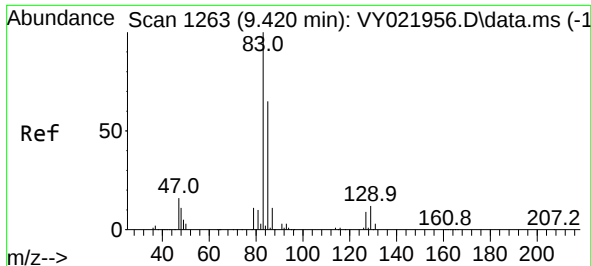
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 107.2 84.6 127.0

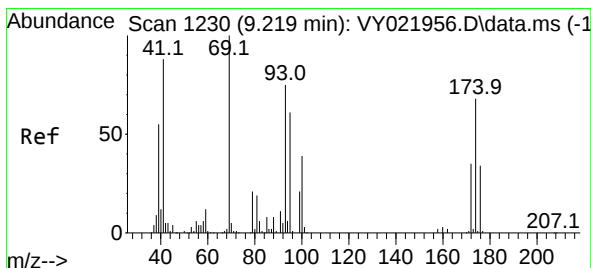
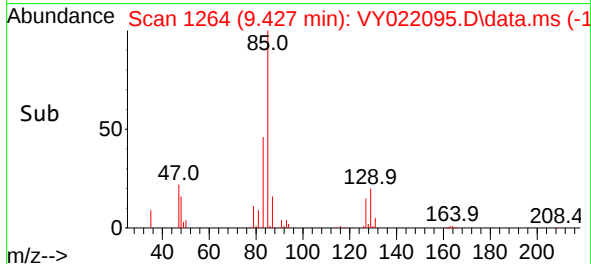
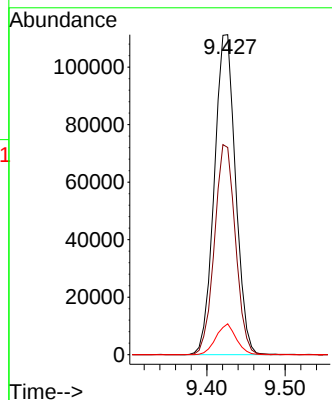
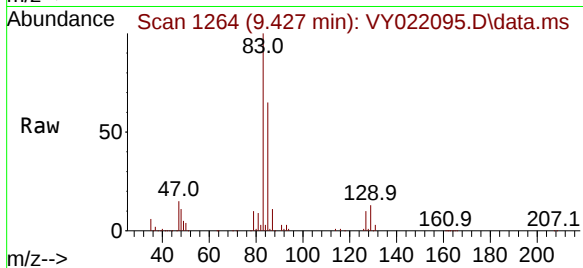




#47
Bromodichloromethane
Concen: 50.411 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

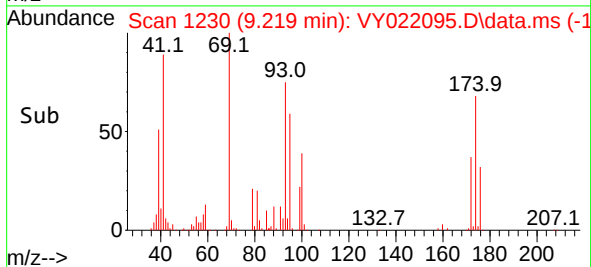
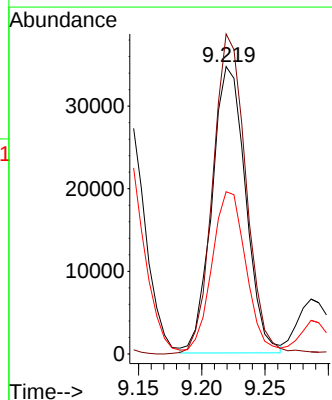
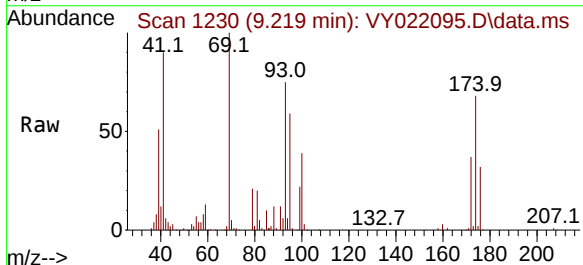
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

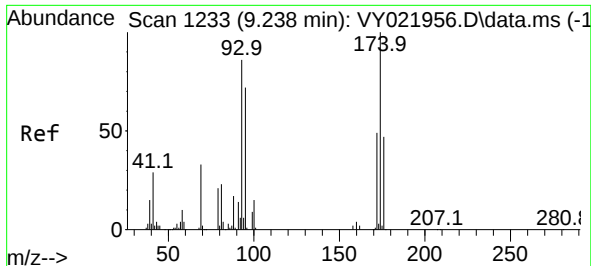
Tgt Ion: 83 Resp: 209708
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8
127 9.7 7.0 10.6



#48
Methyl methacrylate
Concen: 52.563 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 41 Resp: 64491
Ion Ratio Lower Upper
41 100
69 109.9 85.5 128.3
39 54.7 46.2 69.4





#49

1,4-Dioxane

Concen: 1098.297 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

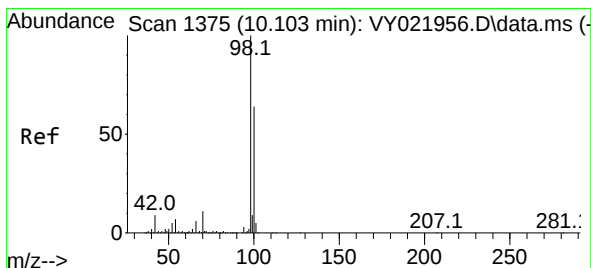
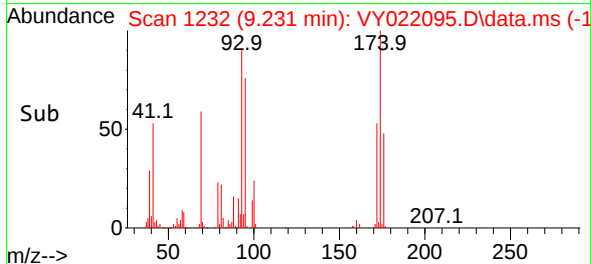
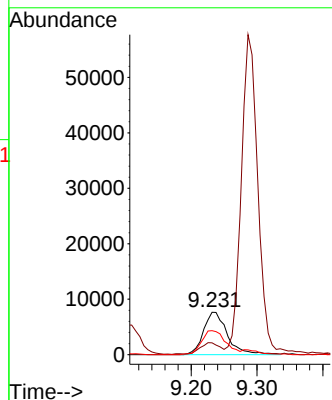
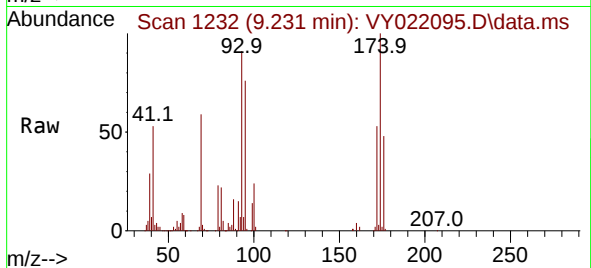
Tgt Ion: 88 Resp: 19493

Ion Ratio Lower Upper

88 100

43 21.4 21.3 31.9

58 56.4 50.5 75.7



#50

Toluene-d8

Concen: 50.988 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022095.D

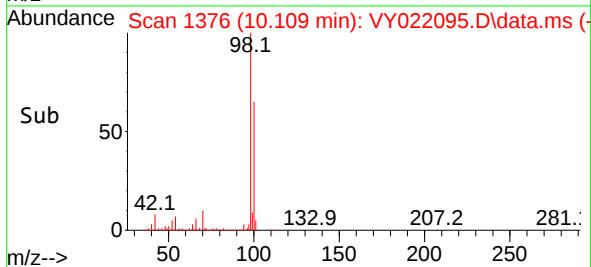
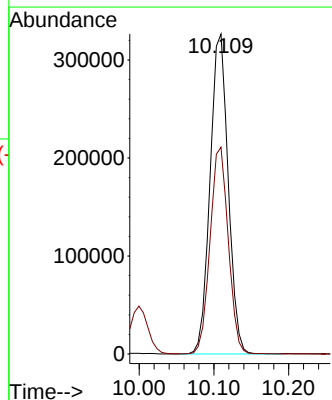
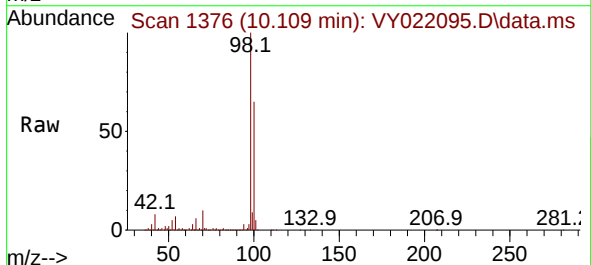
Acq: 01 May 2025 08:50

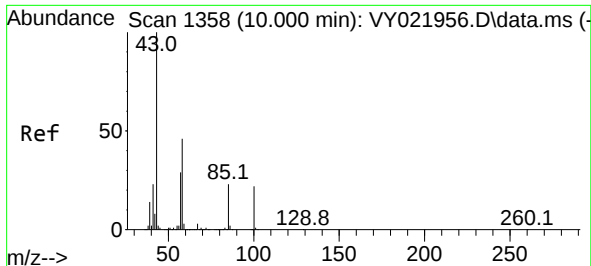
Tgt Ion: 98 Resp: 550662

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4

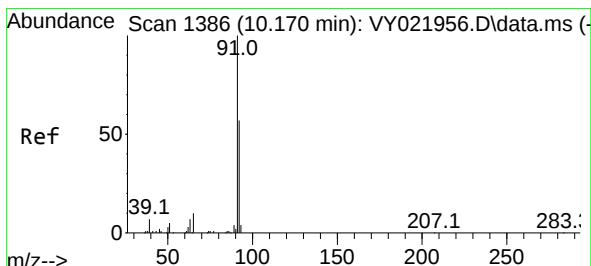
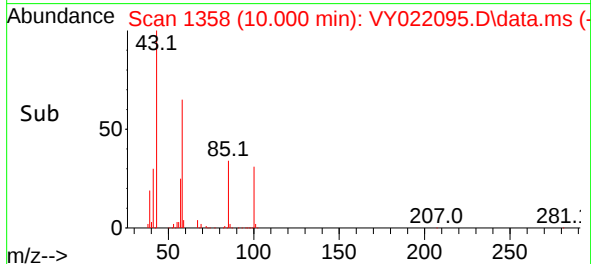
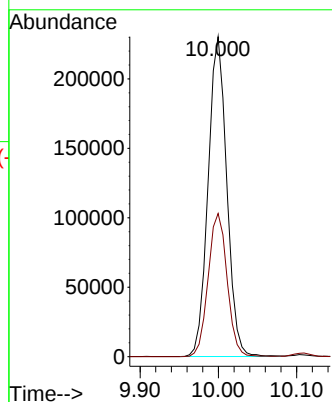
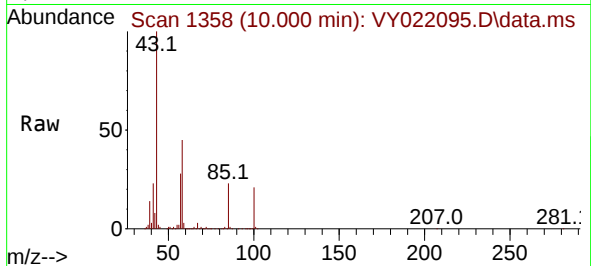




#51
4-Methyl-2-Pentanone
Concen: 274.117 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

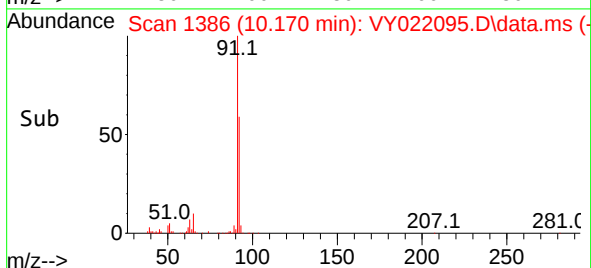
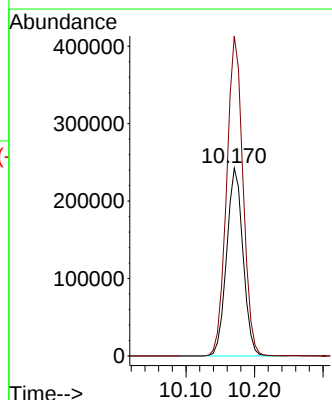
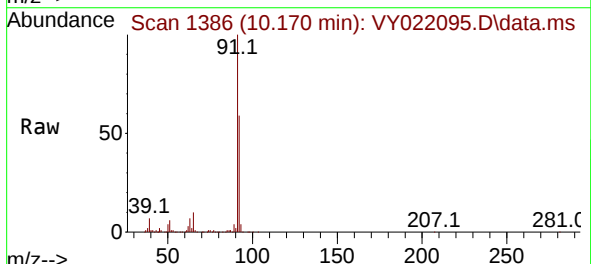
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

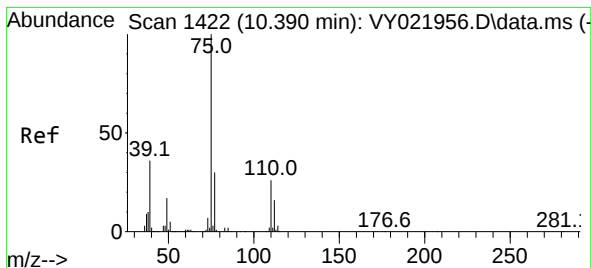
Tgt Ion: 43 Resp: 381378
Ion Ratio Lower Upper
43 100
58 45.5 36.6 55.0



#52
Toluene
Concen: 51.517 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 92 Resp: 401133
Ion Ratio Lower Upper
92 100
91 170.4 138.6 207.8

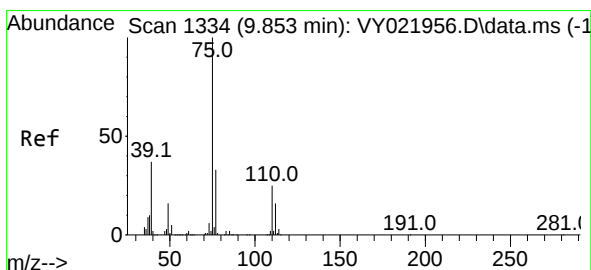
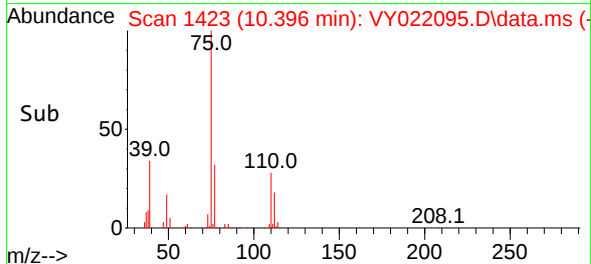
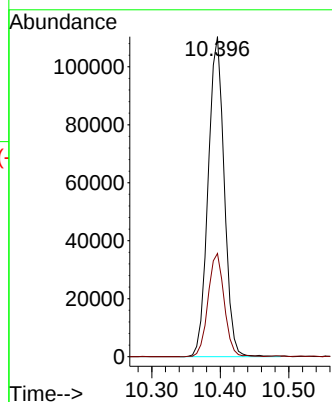
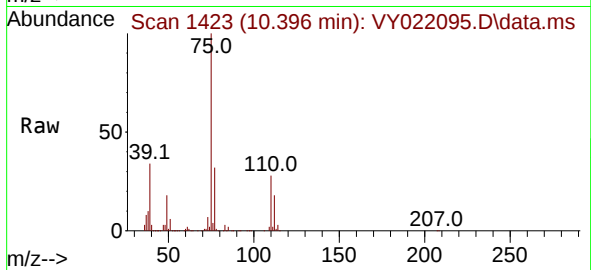




#53
 t-1,3-Dichloropropene
 Concen: 50.528 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

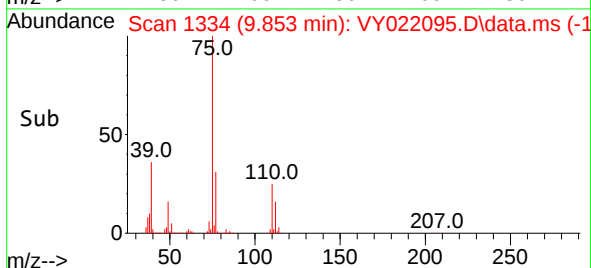
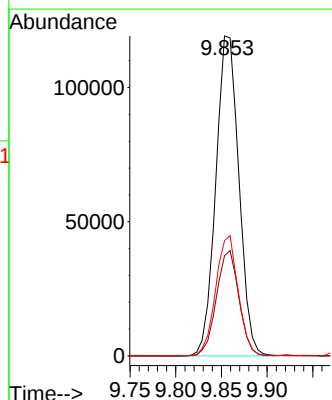
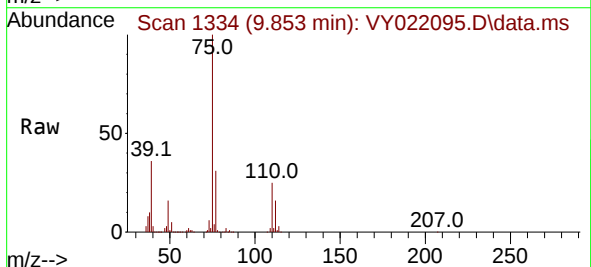
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

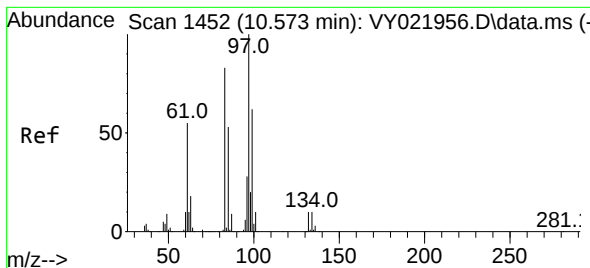
Tgt Ion: 75 Resp: 180292
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.447 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 209730
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.6 40.0
 39 35.9 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 52.135 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 115966

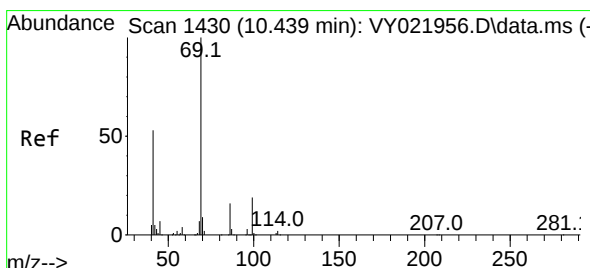
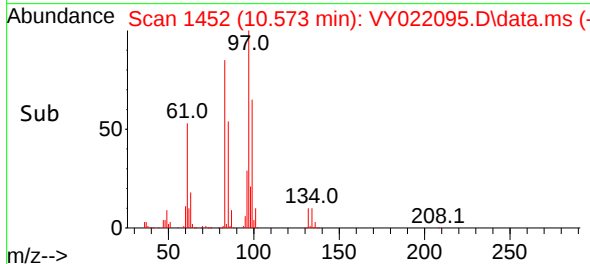
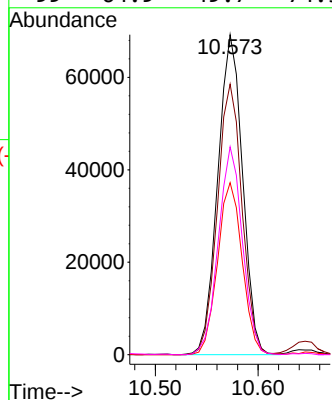
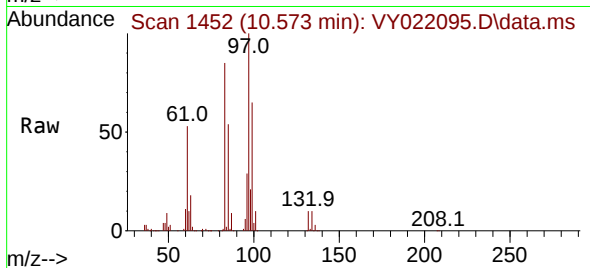
Ion Ratio Lower Upper

97 100

83 84.6 66.7 100.1

85 53.7 42.6 64.0

99 64.9 49.7 74.5



#56

Ethyl methacrylate

Concen: 52.343 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

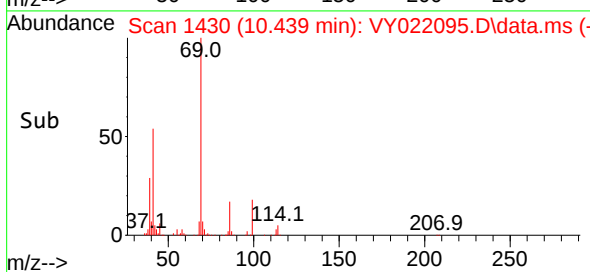
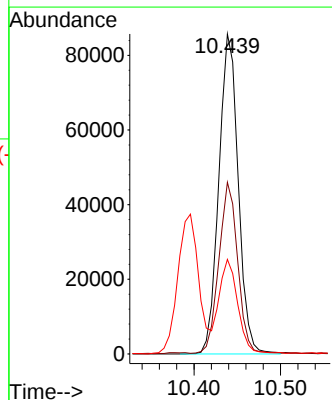
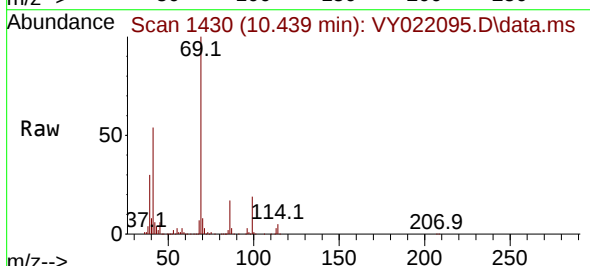
Tgt Ion: 69 Resp: 133143

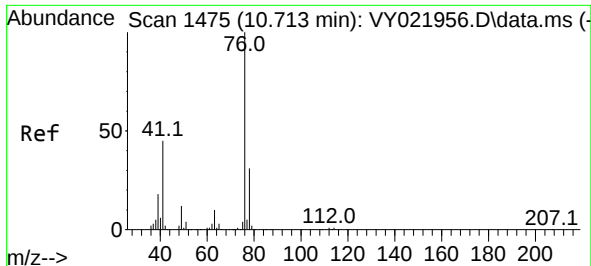
Ion Ratio Lower Upper

69 100

41 52.0 40.7 61.1

39 27.9 23.3 34.9





#57

1,3-Dichloropropane

Concen: 51.135 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

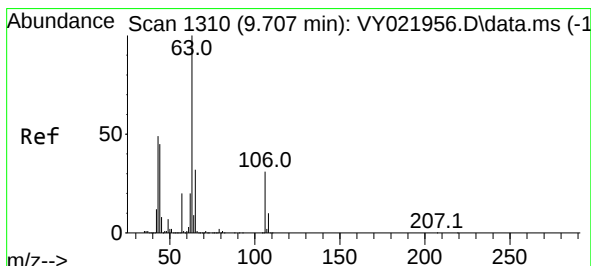
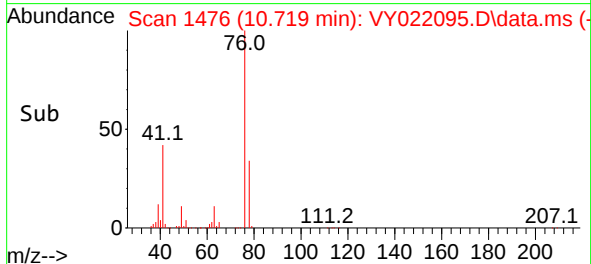
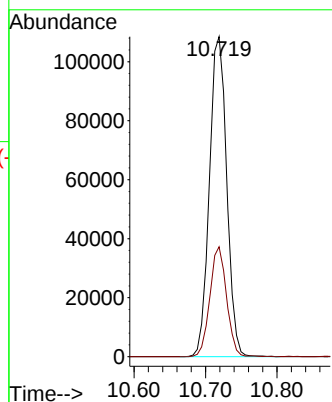
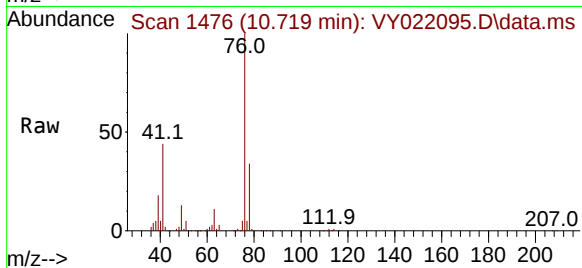
VSTDCCC050

Tgt Ion: 76 Resp: 182342

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 282.693 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022095.D

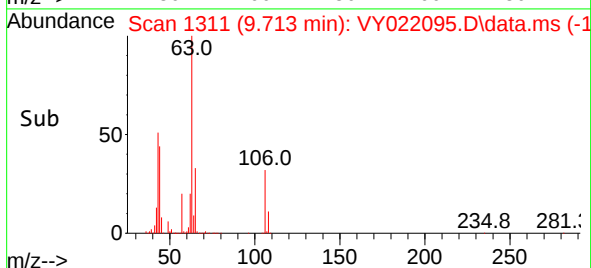
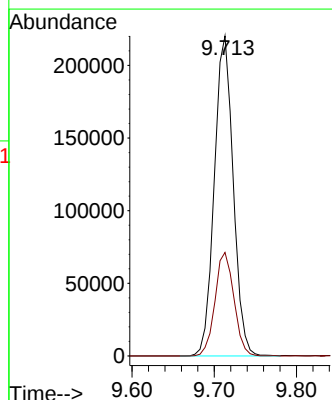
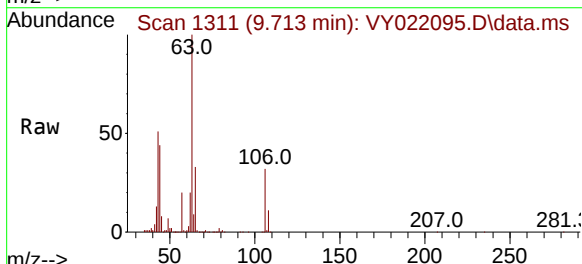
Acq: 01 May 2025 08:50

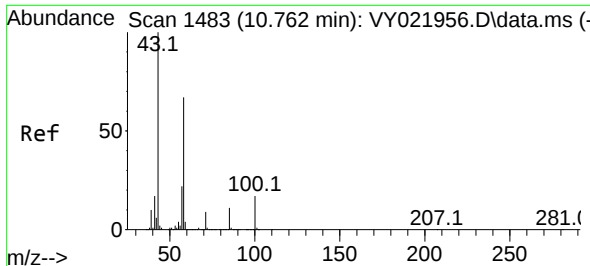
Tgt Ion: 63 Resp: 351579

Ion Ratio Lower Upper

63 100

106 32.4 25.3 37.9

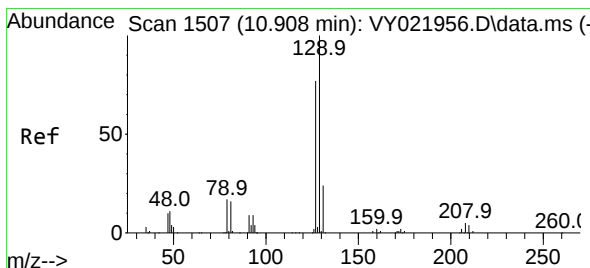
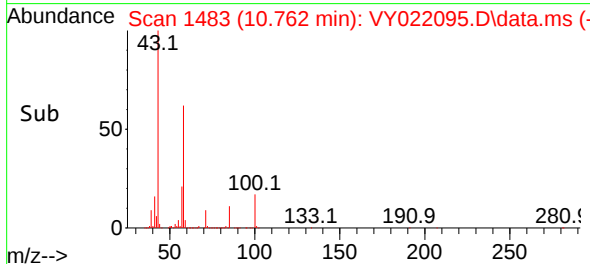
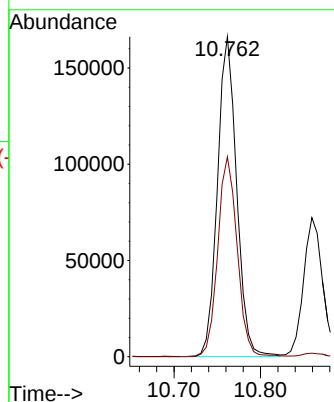
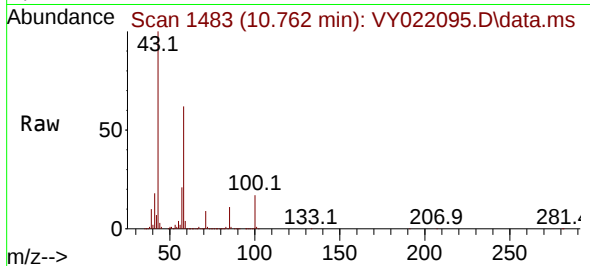




#59
2-Hexanone
Concen: 278.311 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

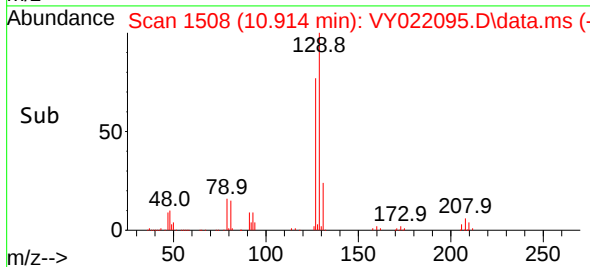
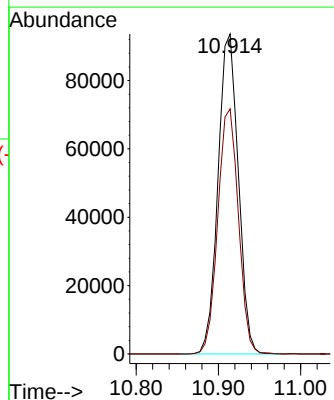
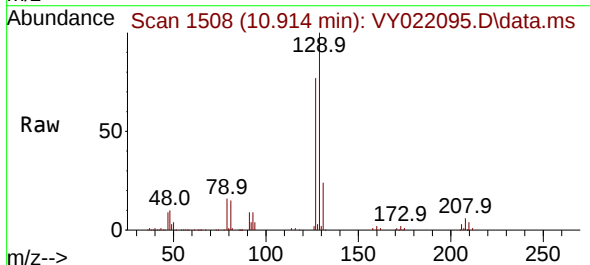
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

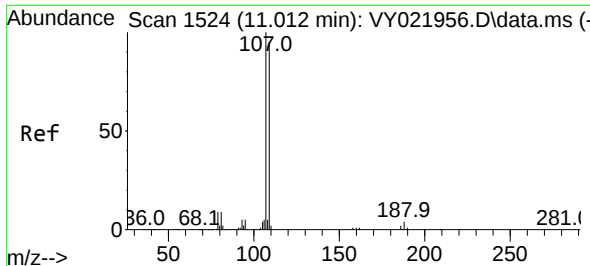
Tgt Ion: 43 Resp: 255399
Ion Ratio Lower Upper
43 100
58 63.3 32.0 96.0



#60
Dibromochloromethane
Concen: 52.183 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 129 Resp: 160702
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3

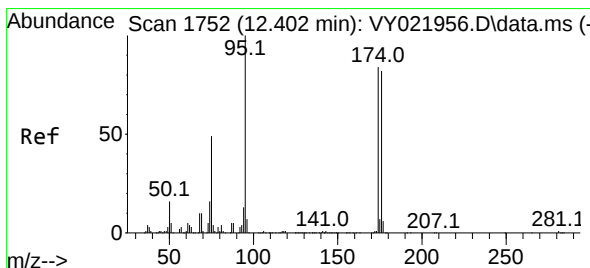
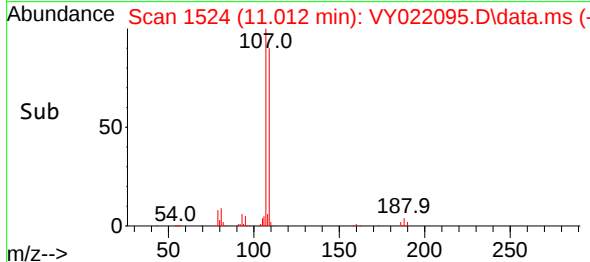
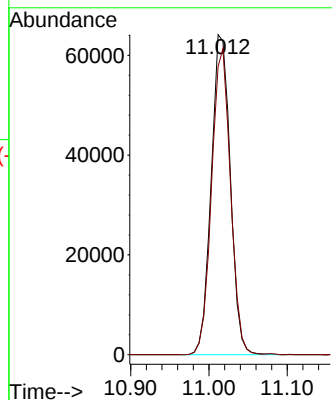
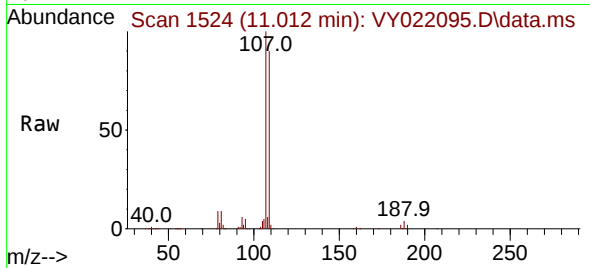




#61
1,2-Dibromoethane
Concen: 51.771 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

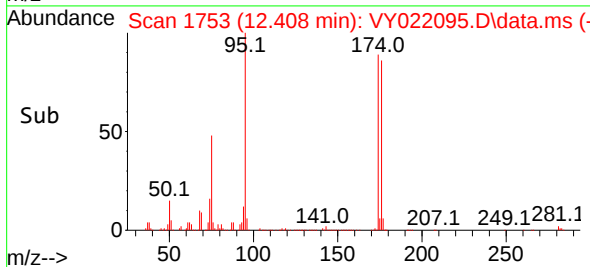
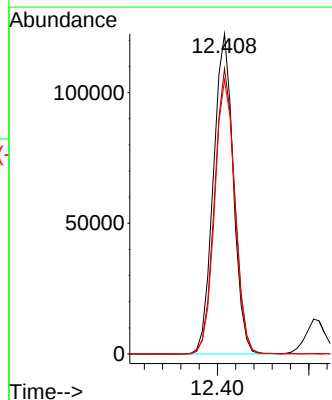
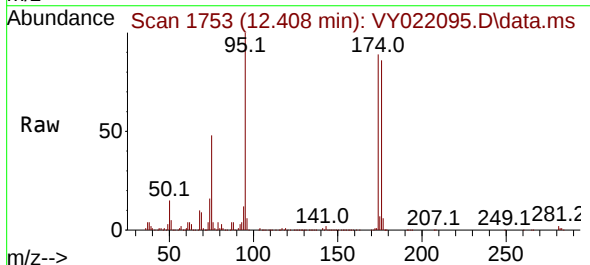
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

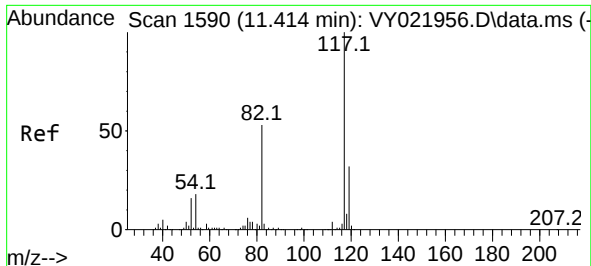
Tgt Ion:107 Resp: 108715
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.971 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 95 Resp: 185315
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.0
176 87.0 0.0 171.8

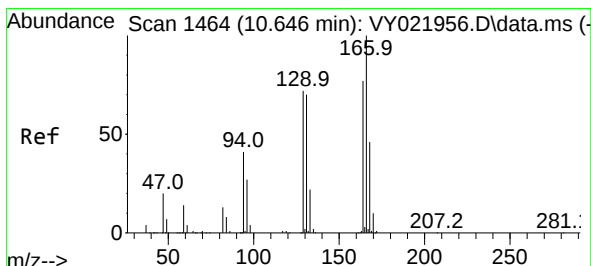
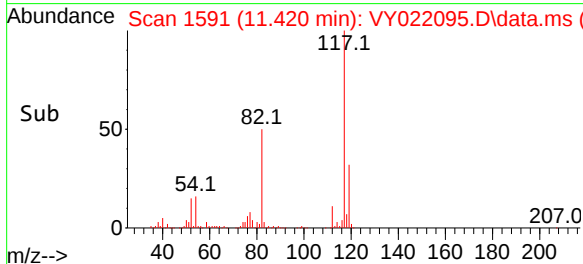
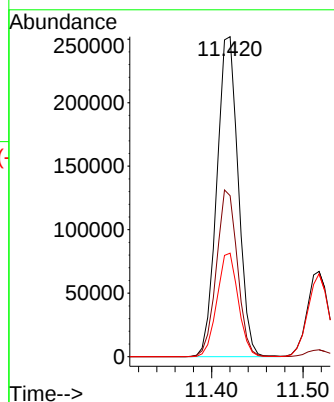
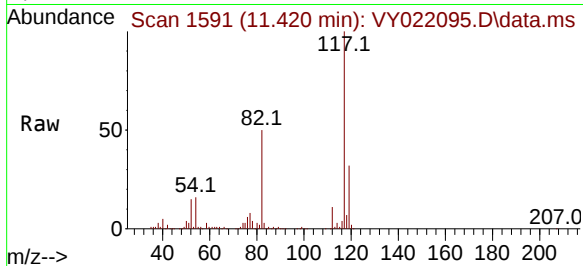




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

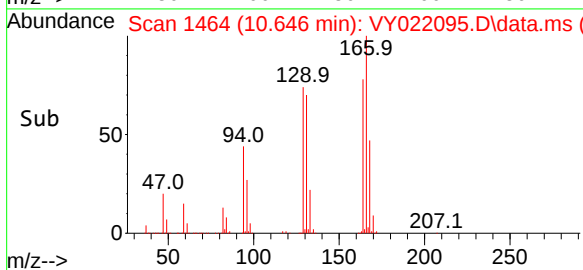
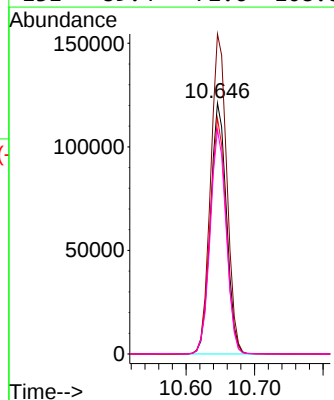
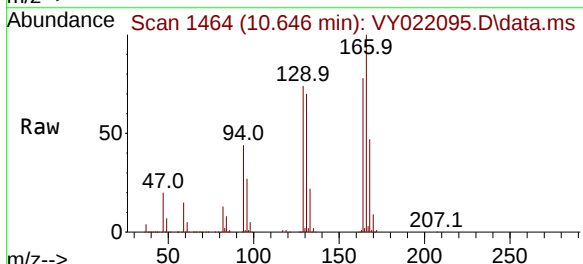
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 410078
Ion Ratio Lower Upper
117 100
82 50.3 42.1 63.1
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 51.010 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:164 Resp: 197335
Ion Ratio Lower Upper
164 100
166 127.6 103.6 155.4
129 94.0 74.2 111.4
131 89.4 72.6 108.8

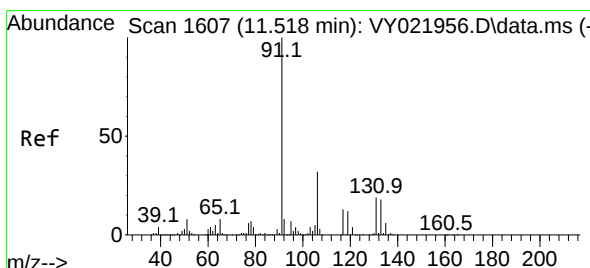
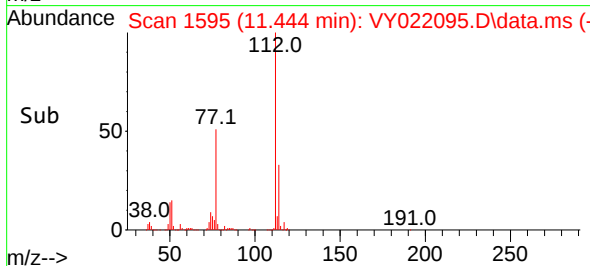
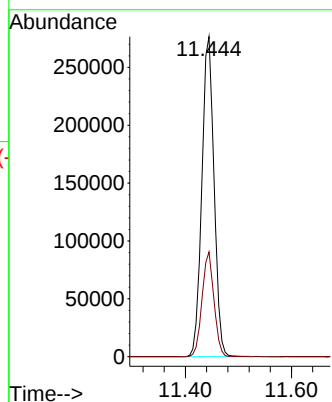
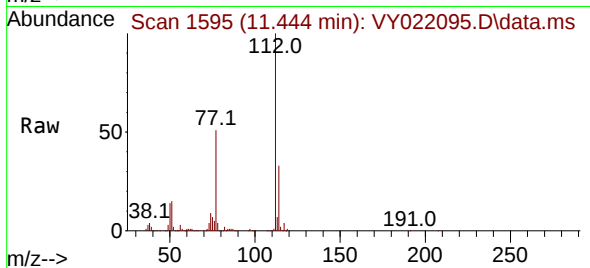




#65
Chlorobenzene
Concen: 48.212 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

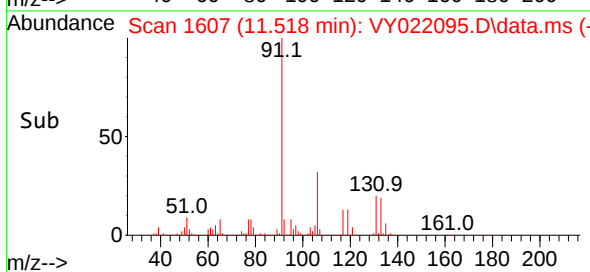
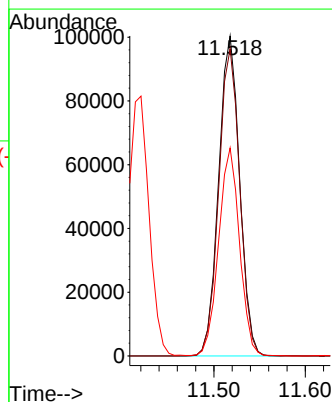
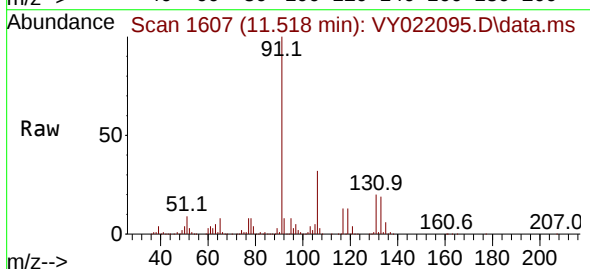
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

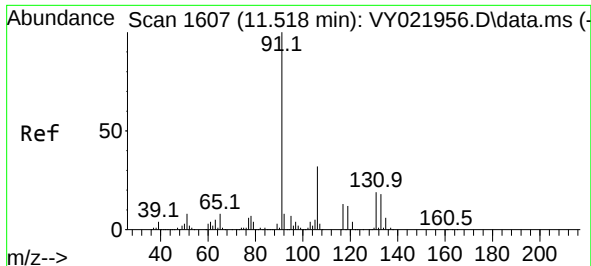
Tgt Ion:112 Resp: 442124
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:131 Resp: 160317
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 64.8 32.4 97.0





#67

Ethyl Benzene

Concen: 49.517 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

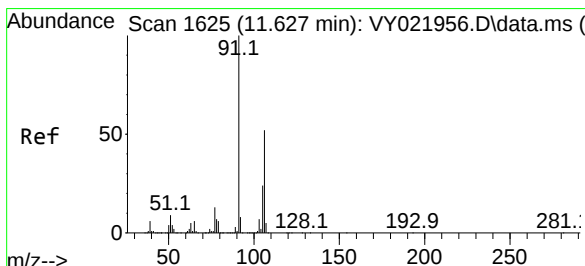
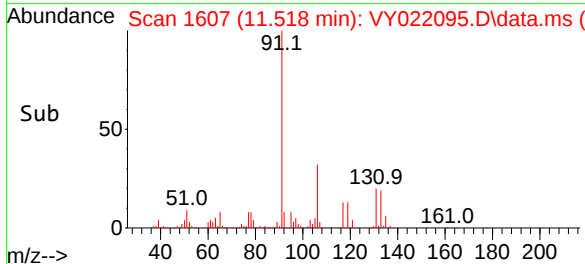
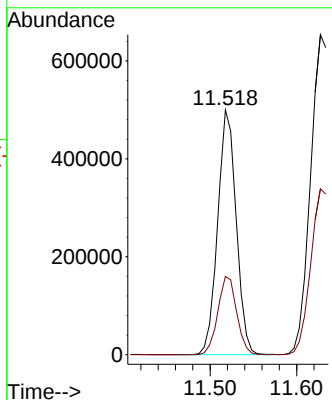
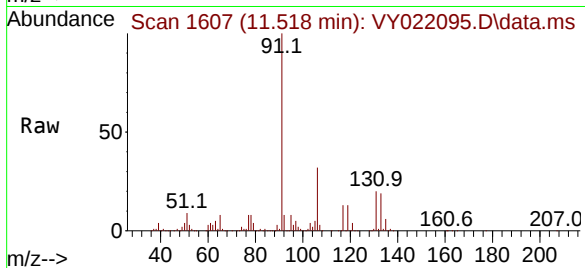
VSTDCCC050

Tgt Ion: 91 Resp: 742816

Ion Ratio Lower Upper

91 100

106 31.9 25.9 38.9



#68

m/p-Xylenes

Concen: 102.352 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022095.D

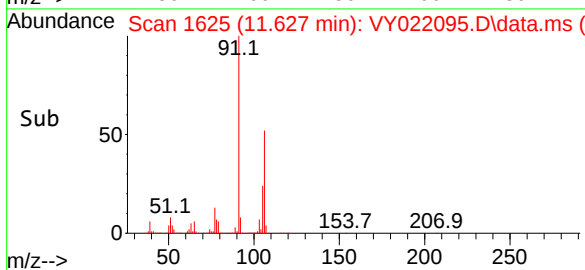
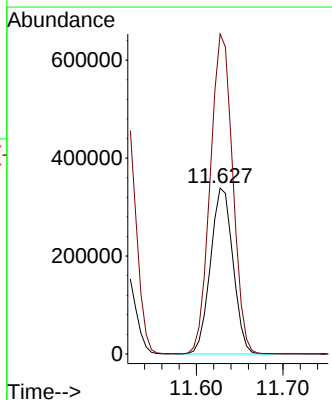
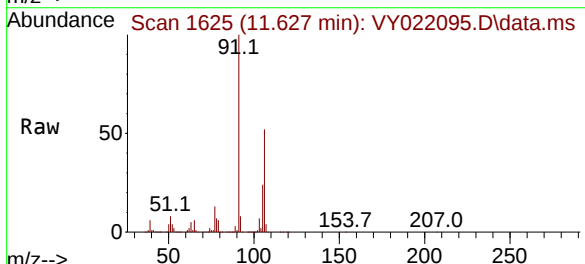
Acq: 01 May 2025 08:50

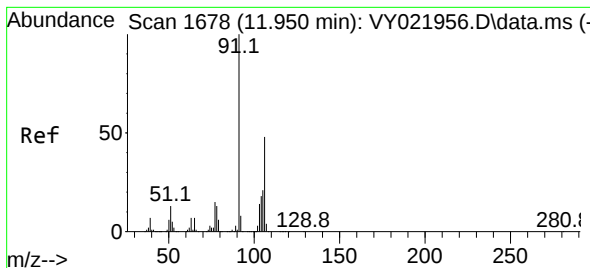
Tgt Ion: 106 Resp: 610976

Ion Ratio Lower Upper

106 100

91 193.1 156.2 234.2





#69

o-Xylene

Concen: 50.386 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

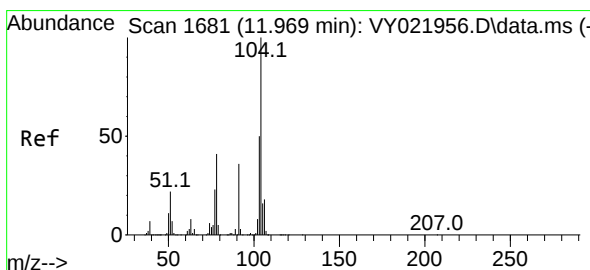
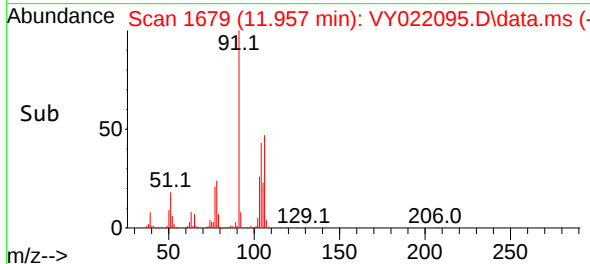
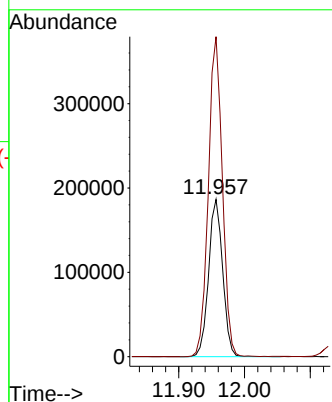
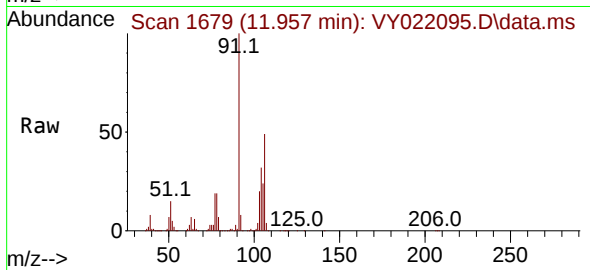
VSTDCCC050

Tgt Ion:106 Resp: 277219

Ion Ratio Lower Upper

106 100

91 202.9 103.0 308.9



#70

Styrene

Concen: 52.004 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

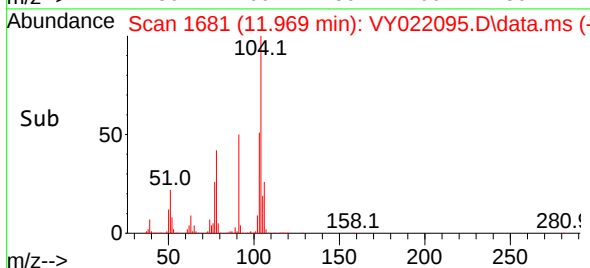
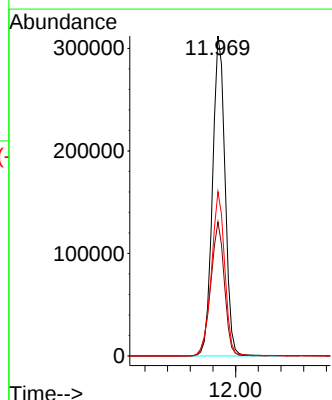
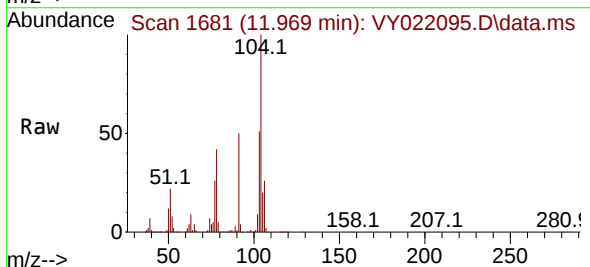
Tgt Ion:104 Resp: 480407

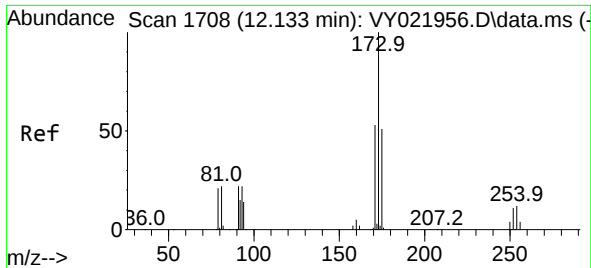
Ion Ratio Lower Upper

104 100

78 45.3 36.6 54.8

103 54.2 43.8 65.8

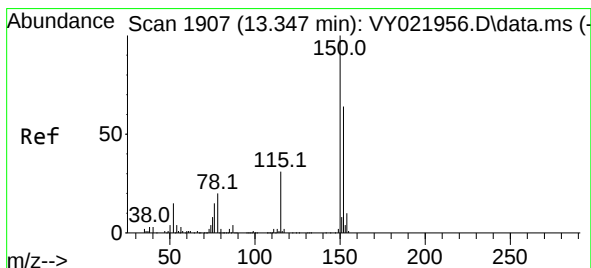
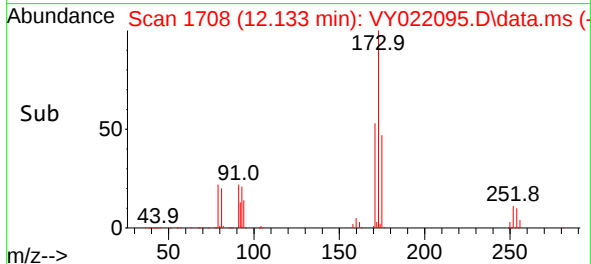
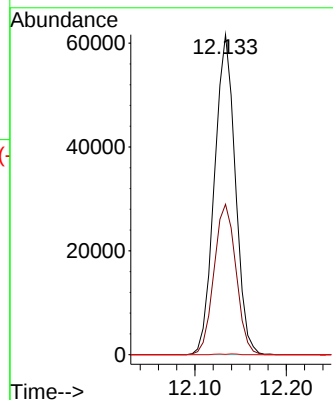
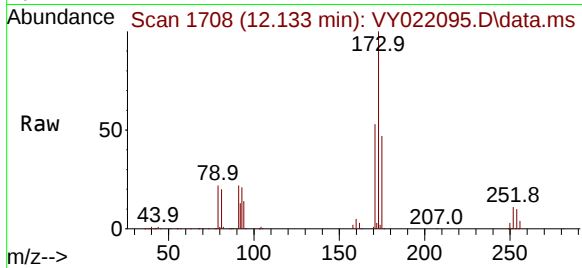




#71
Bromoform
Concen: 51.974 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

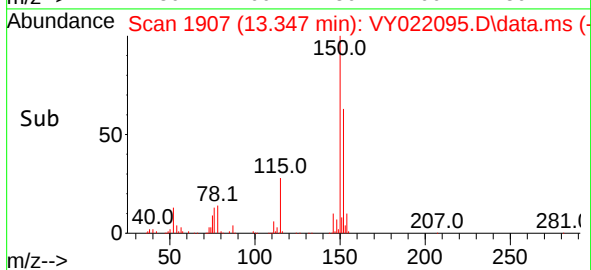
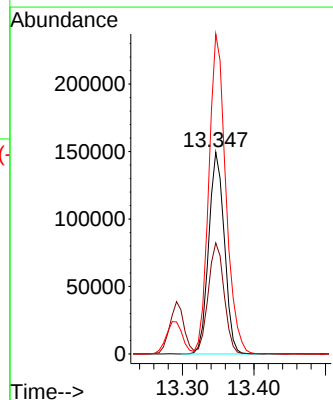
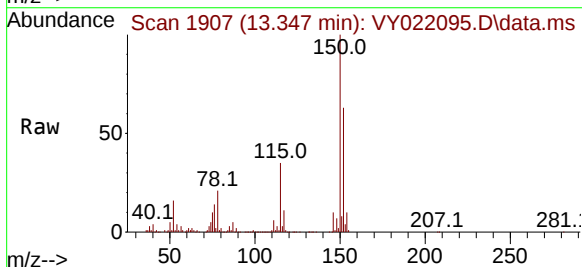
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

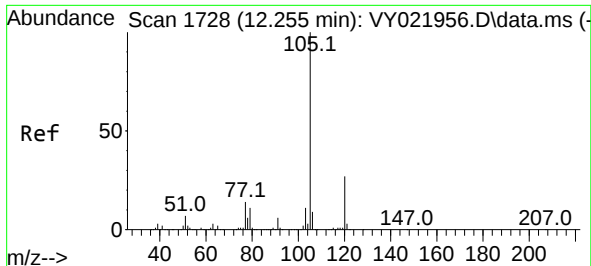
Tgt Ion:173 Resp: 97556
Ion Ratio Lower Upper
173 100
175 49.6 24.3 72.8
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:152 Resp: 227184
Ion Ratio Lower Upper
152 100
115 56.0 28.0 84.0
150 172.1 0.0 345.6

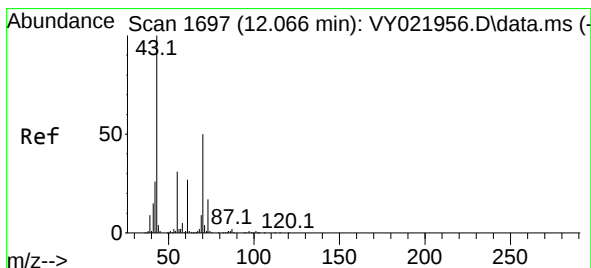
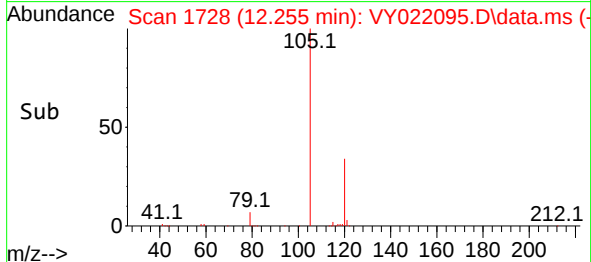
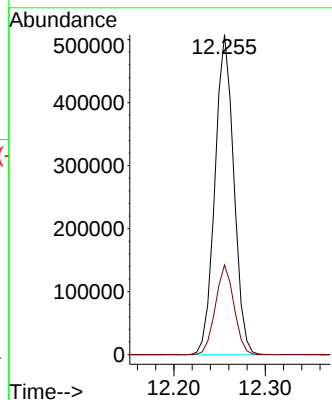
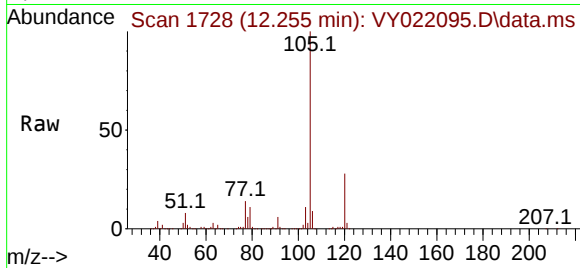




#73
Isopropylbenzene
Concen: 47.953 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

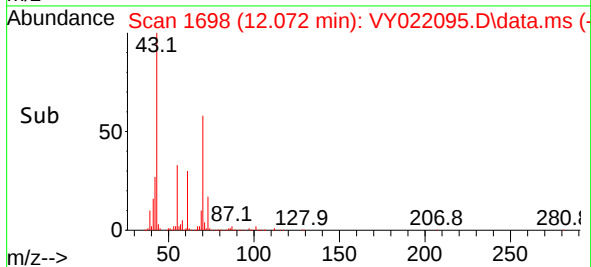
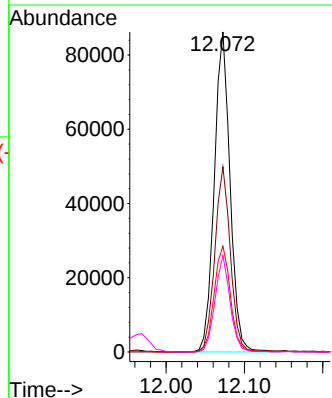
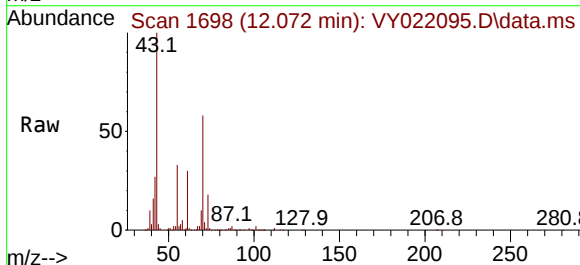
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

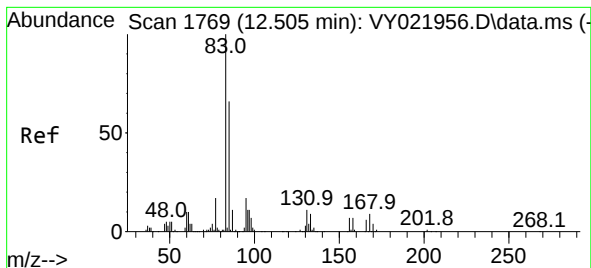
Tgt Ion:105 Resp: 727842
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.5



#74
N-ethyl acetate
Concen: 46.314 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 120776
Ion Ratio Lower Upper
43 100
70 56.9 43.2 64.8
55 34.3 25.7 38.5
61 28.7 23.0 34.6

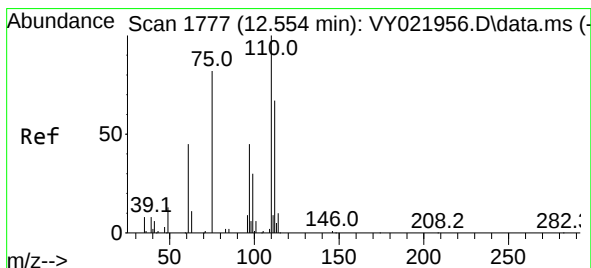
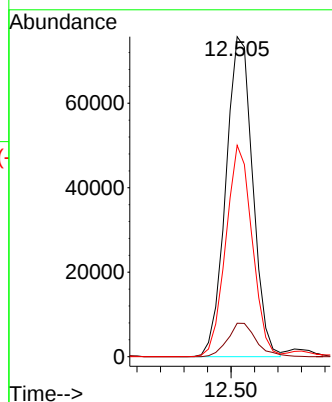
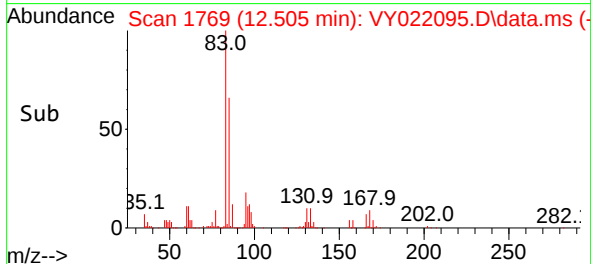
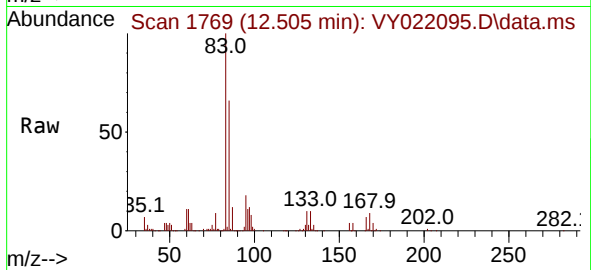




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.078 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

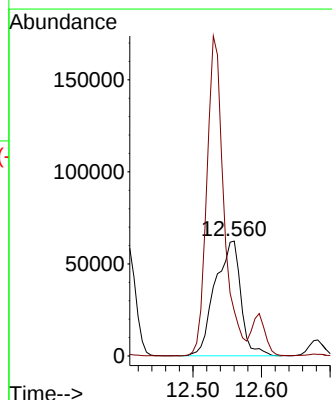
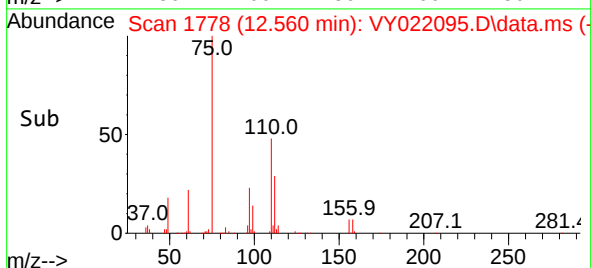
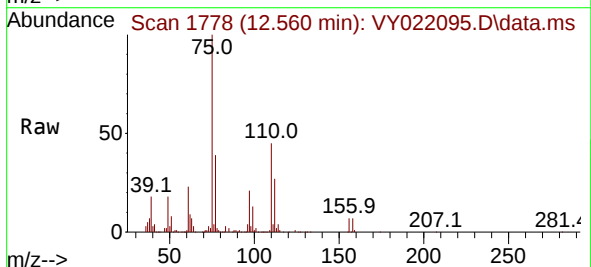
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

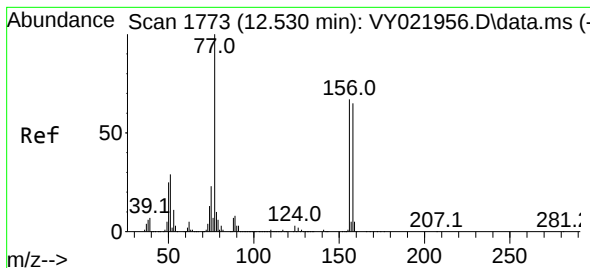
Tgt Ion: 83 Resp: 120473
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.4
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 83.770 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022095.D
 Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 163011
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.538 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

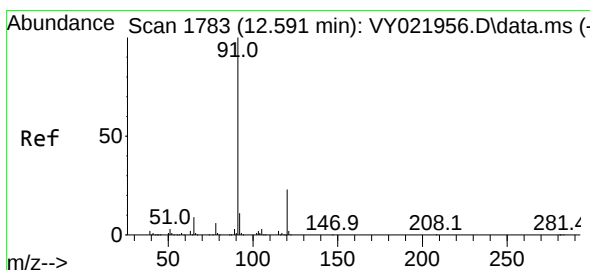
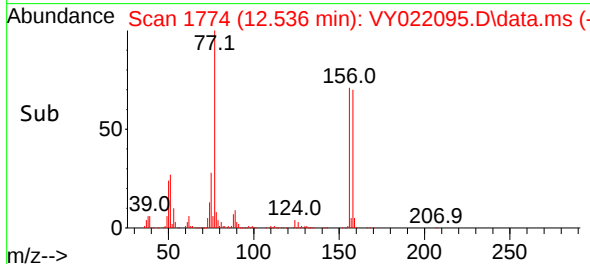
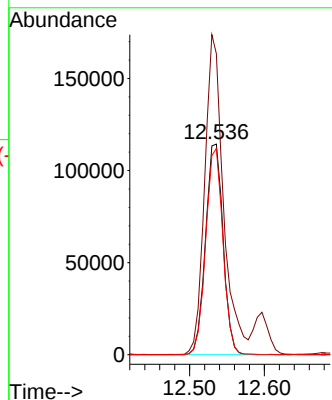
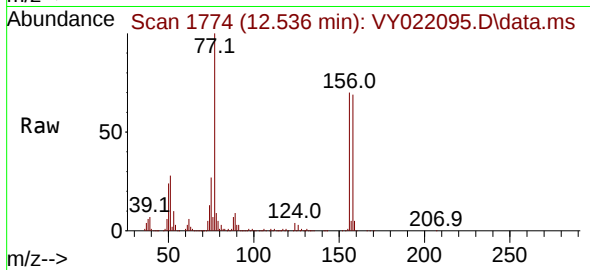
Tgt Ion:156 Resp: 186160

Ion Ratio Lower Upper

156 100

77 162.8 82.7 248.1

158 96.0 48.1 144.4



#78

n-propylbenzene

Concen: 48.382 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022095.D

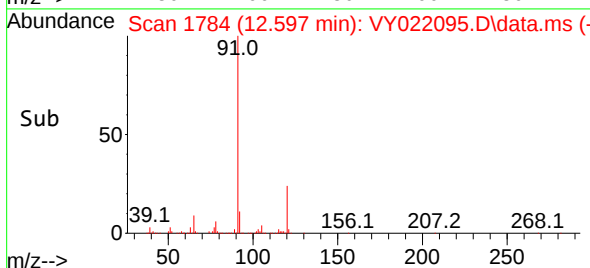
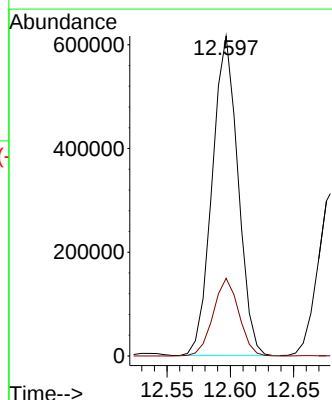
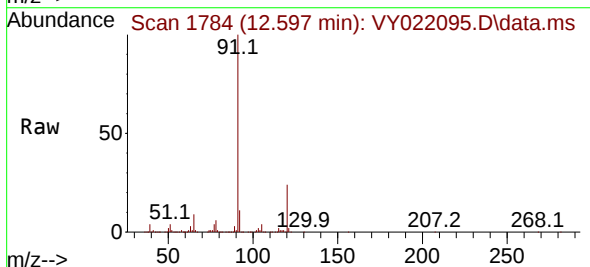
Acq: 01 May 2025 08:50

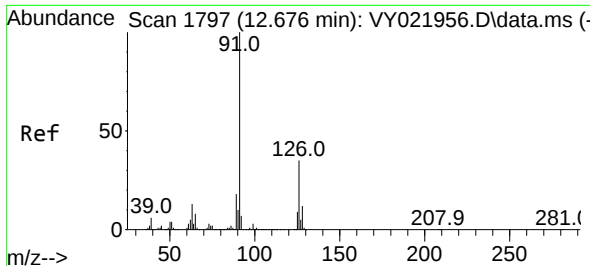
Tgt Ion: 91 Resp: 874536

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5

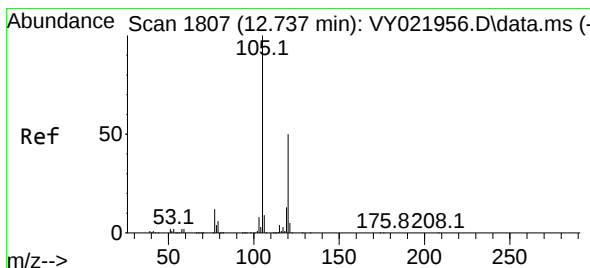
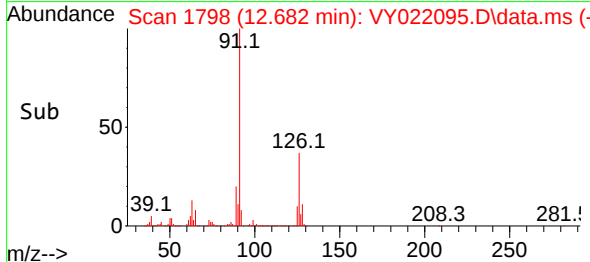
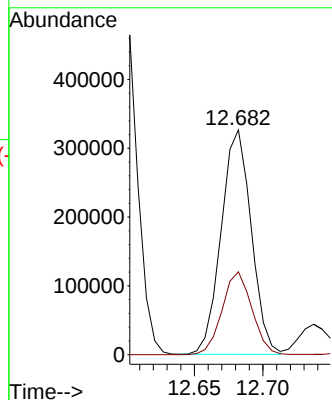
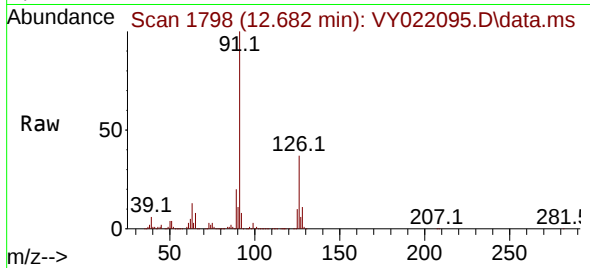




#79
2-Chlorotoluene
Concen: 47.417 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

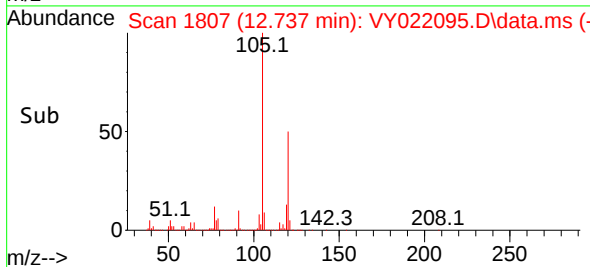
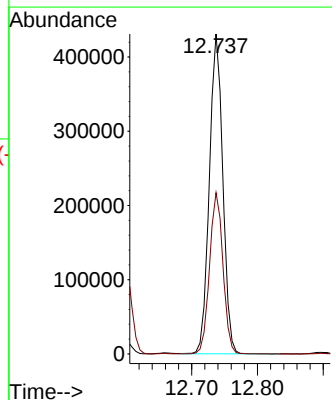
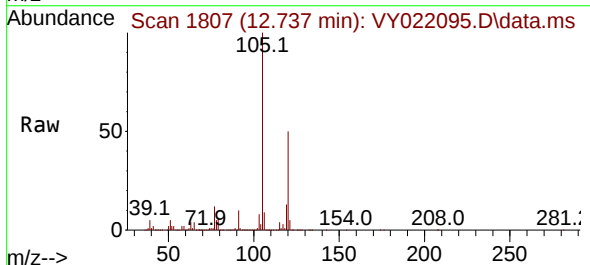
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

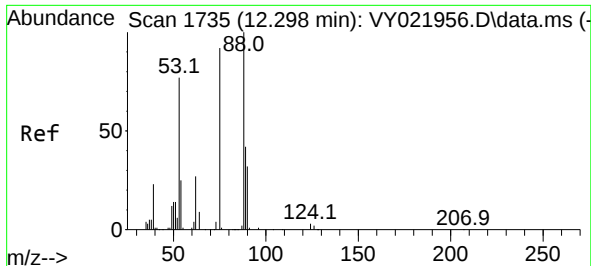
Tgt Ion: 91 Resp: 498448
Ion Ratio Lower Upper
91 100
126 36.5 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 49.051 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 105 Resp: 613435
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0

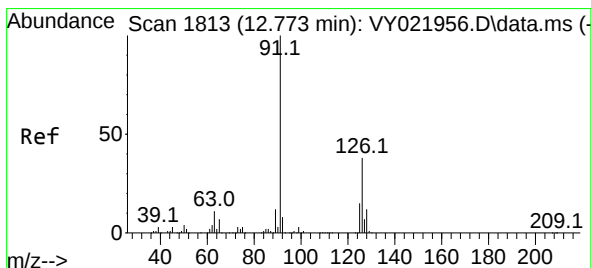
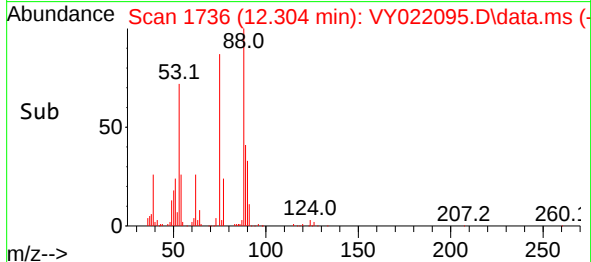
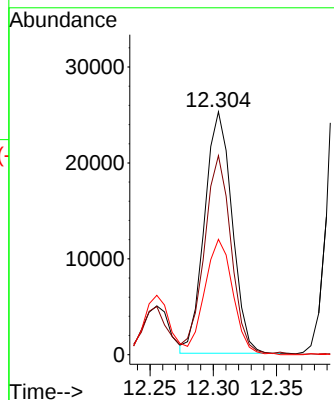
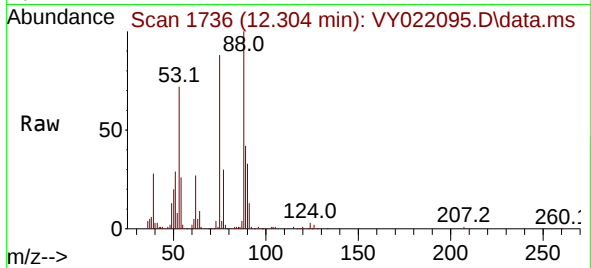




#81
trans-1,4-Dichloro-2-butene
Concen: 47.296 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

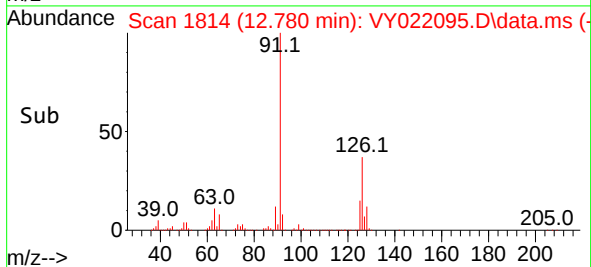
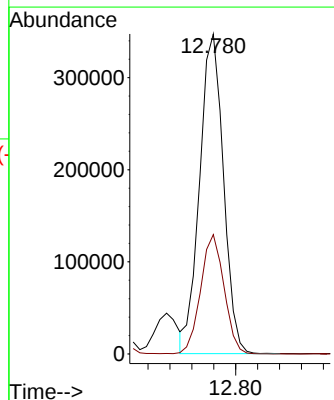
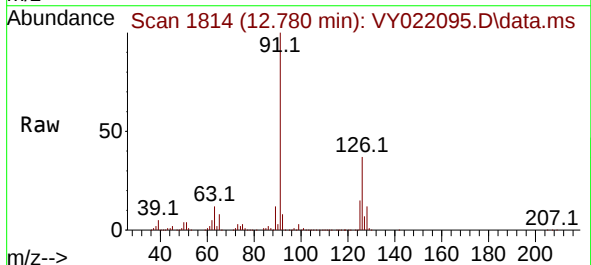
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

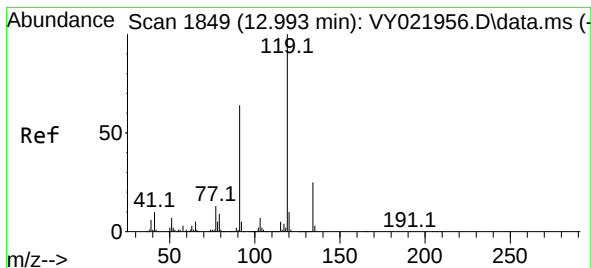
Tgt Ion: 75 Resp: 38218
Ion Ratio Lower Upper
75 100
53 80.9 66.0 99.0
89 48.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 47.904 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 91 Resp: 523473
Ion Ratio Lower Upper
91 100
126 36.8 17.9 53.8





#83

tert-Butylbenzene

Concen: 48.054 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

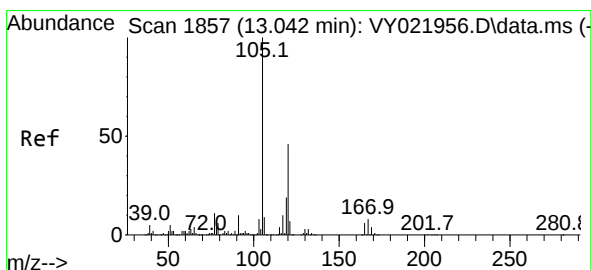
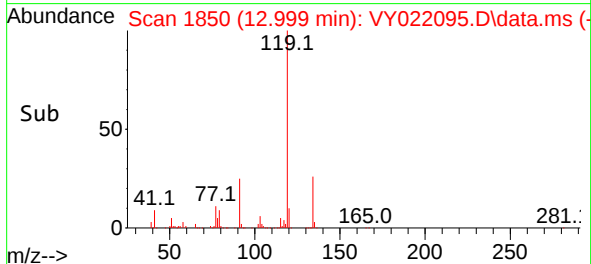
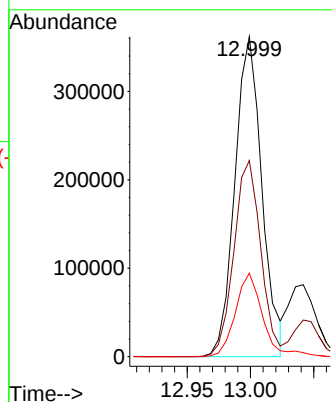
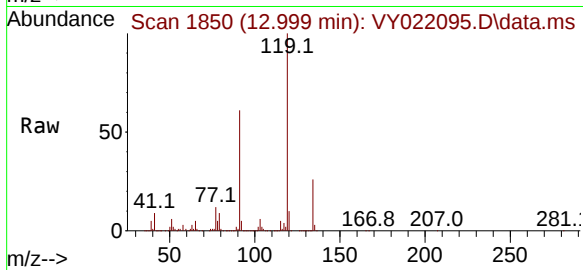
Tgt Ion:119 Resp: 538982

Ion Ratio Lower Upper

119 100

91 60.9 30.3 90.9

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 49.714 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022095.D

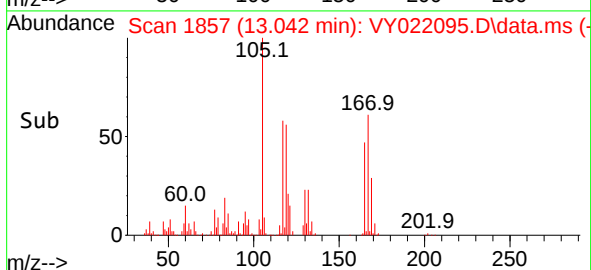
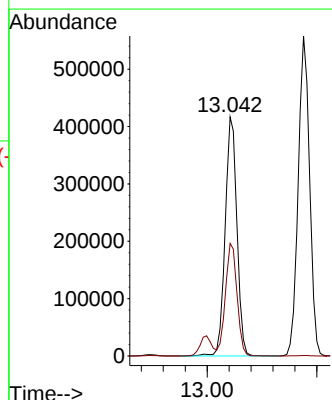
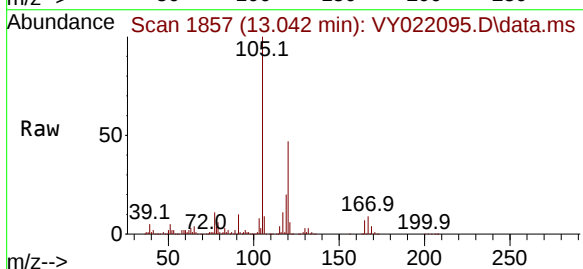
Acq: 01 May 2025 08:50

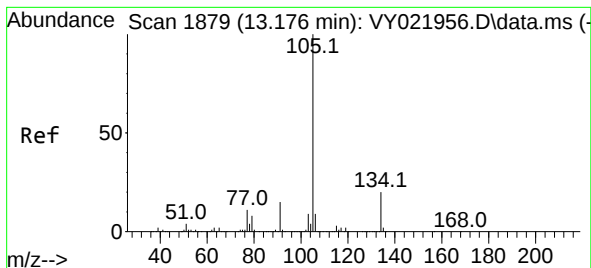
Tgt Ion:105 Resp: 621868

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 48.777 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

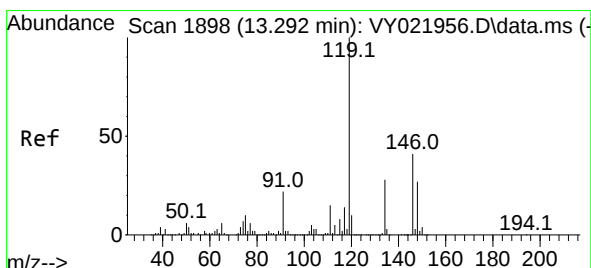
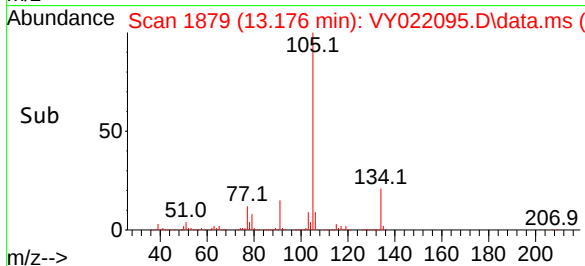
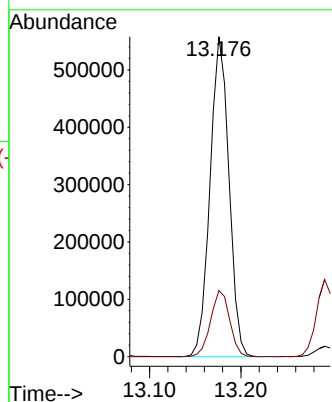
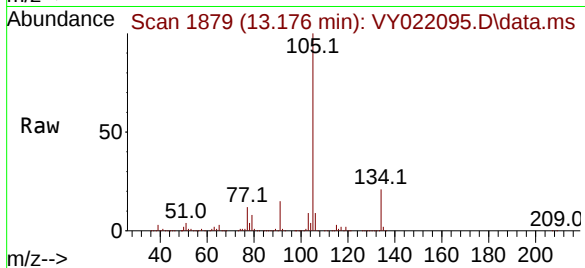
VSTDCCC050

Tgt Ion:105 Resp: 800547

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 49.477 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

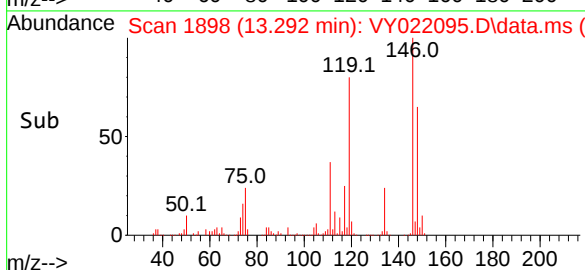
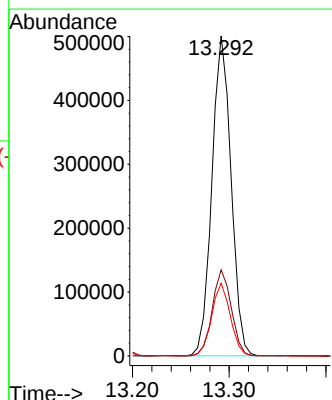
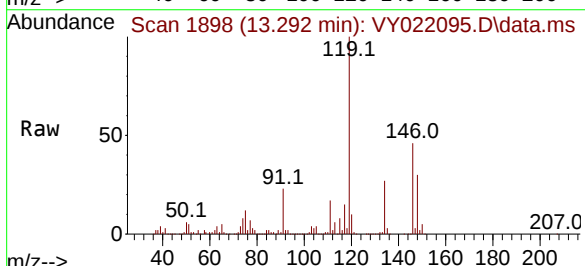
Tgt Ion:119 Resp: 689548

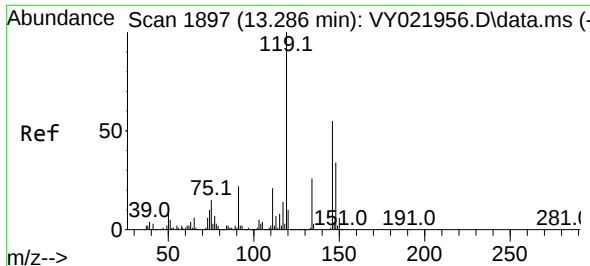
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 47.649 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

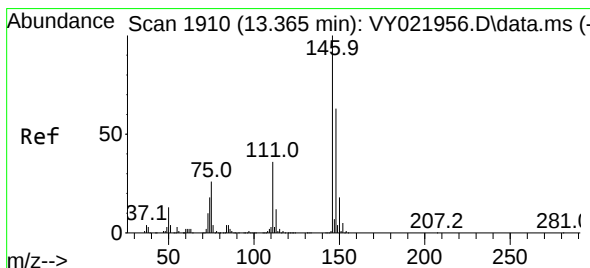
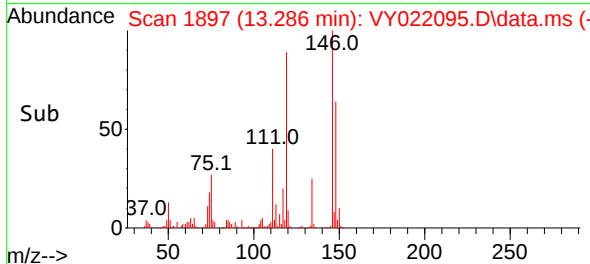
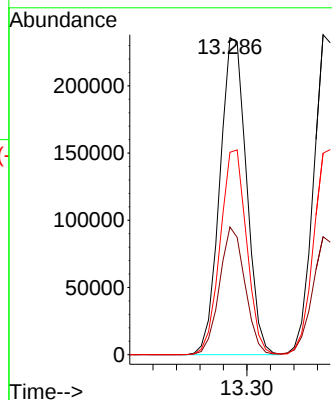
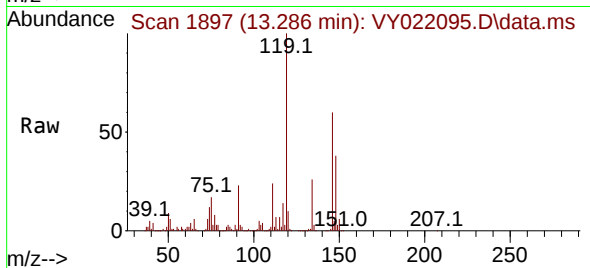
Tgt Ion:146 Resp: 371168

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 47.301 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

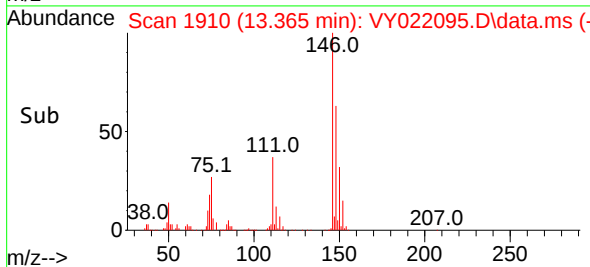
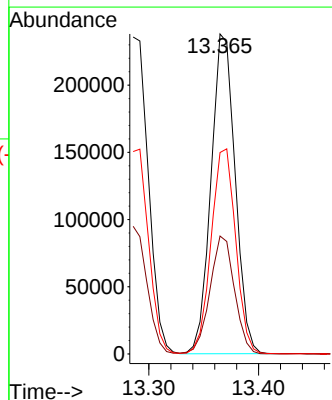
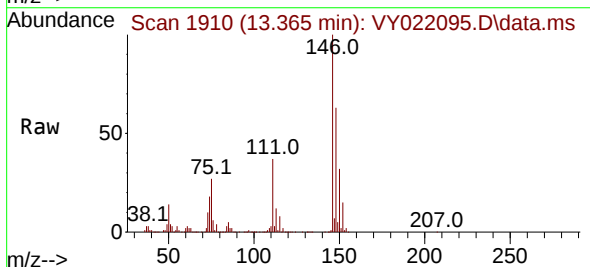
Tgt Ion:146 Resp: 364925

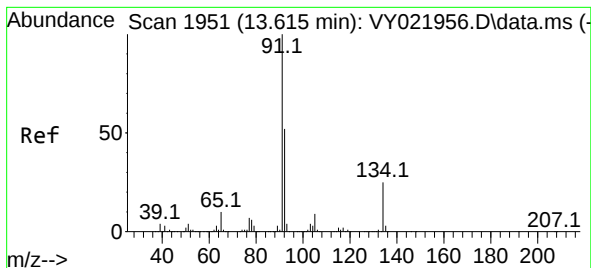
Ion Ratio Lower Upper

146 100

111 37.4 19.2 57.6

148 65.3 32.0 96.0





#89

n-Butylbenzene

Concen: 47.980 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

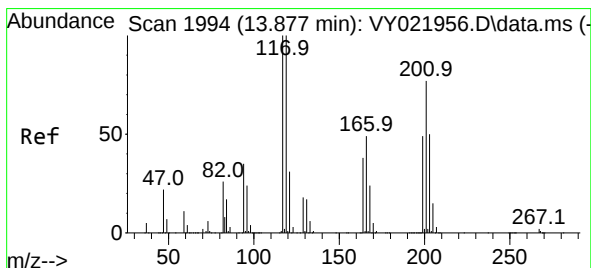
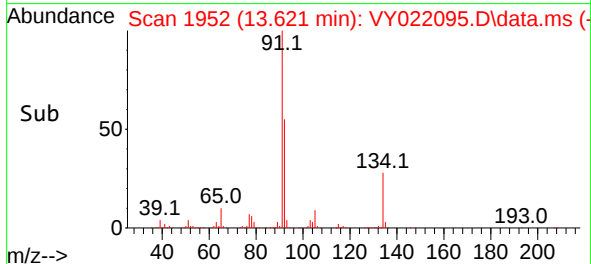
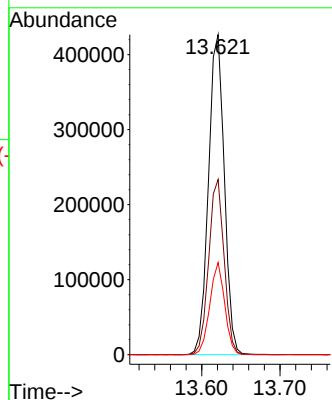
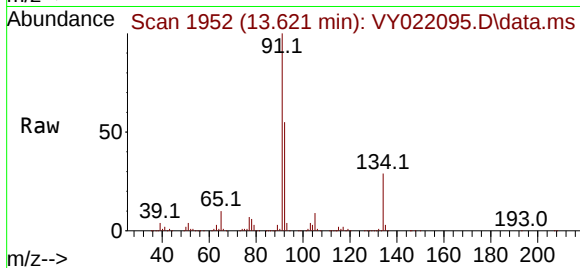
Tgt Ion: 91 Resp: 597694

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 27.1 13.4 40.1



#90

Hexachloroethane

Concen: 46.615 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022095.D

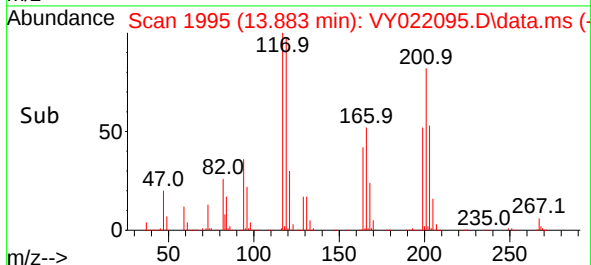
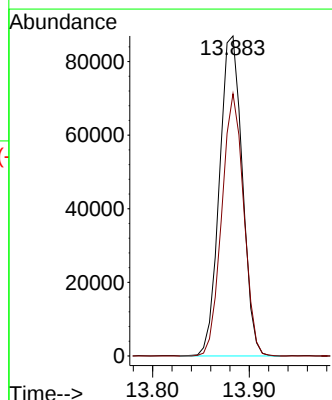
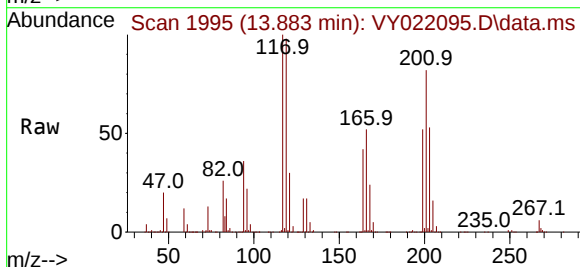
Acq: 01 May 2025 08:50

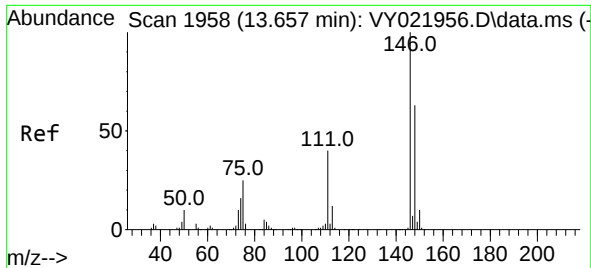
Tgt Ion: 117 Resp: 142735

Ion Ratio Lower Upper

117 100

201 78.4 38.7 116.1

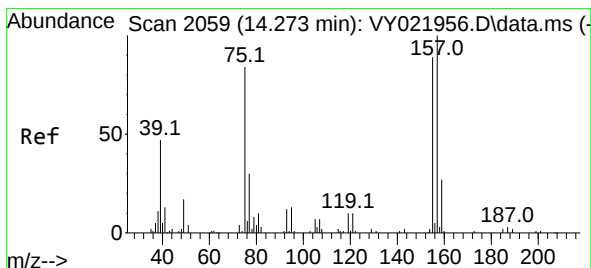
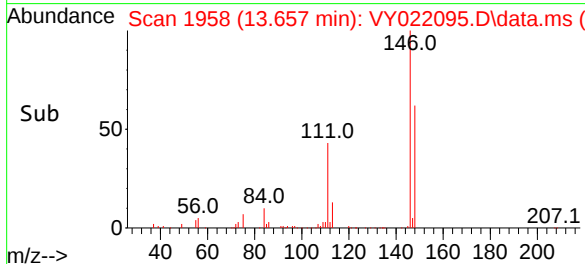
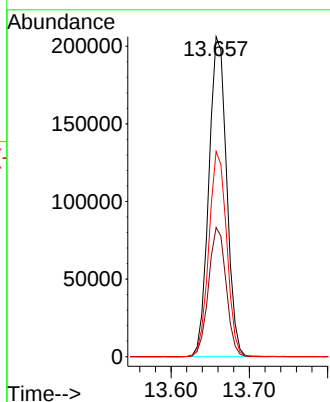
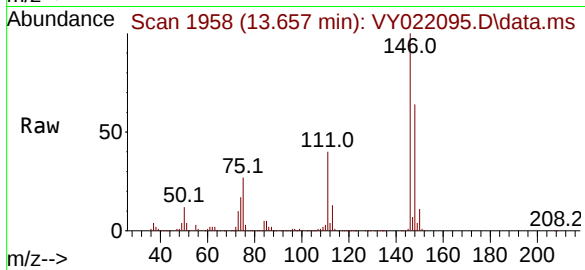




#91
1,2-Dichlorobenzene
Concen: 47.720 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

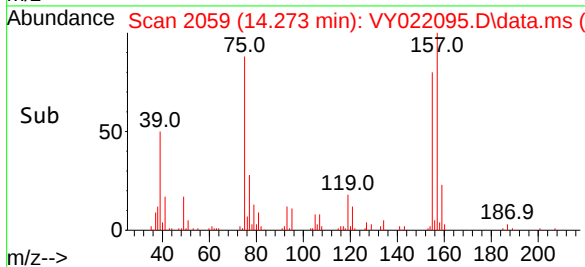
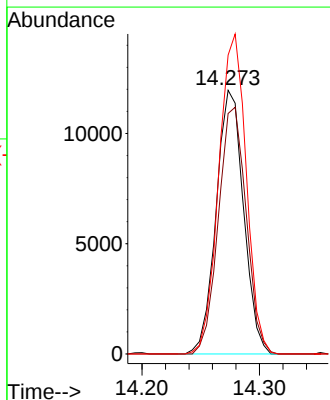
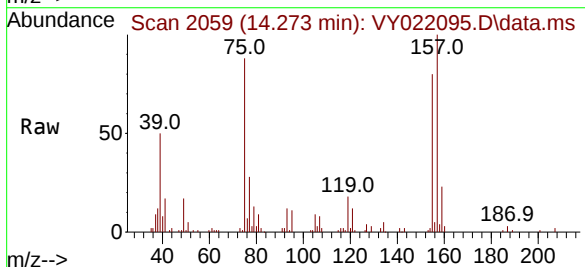
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 324218
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.643 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 19397
Ion Ratio Lower Upper
75 100
155 94.8 50.7 152.3
157 121.5 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 47.340 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

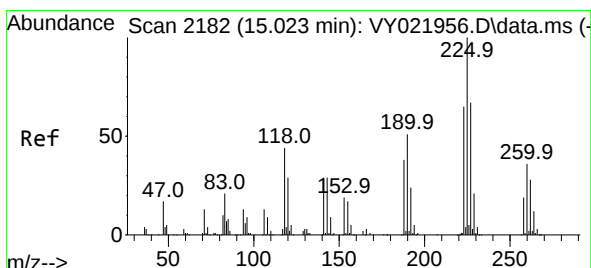
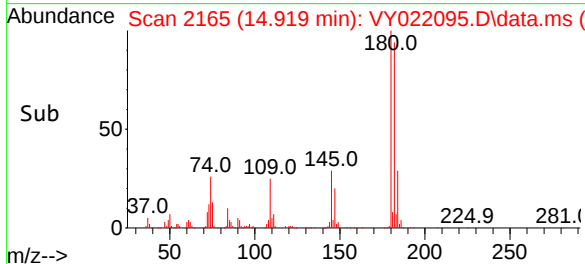
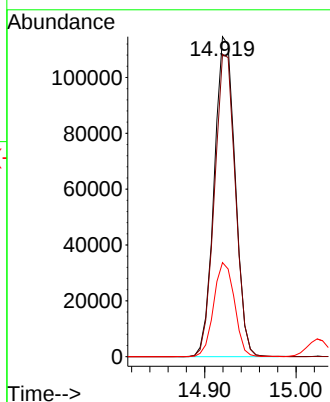
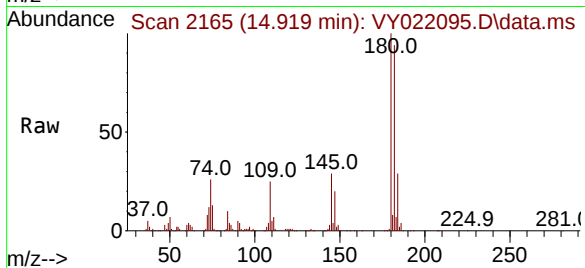
Tgt Ion:180 Resp: 182261

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.4

145 29.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 47.066 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

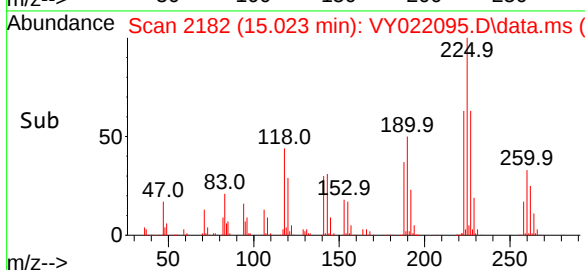
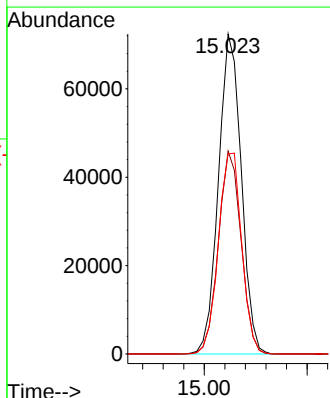
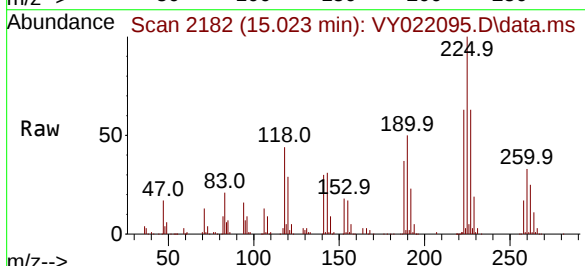
Tgt Ion:225 Resp: 111490

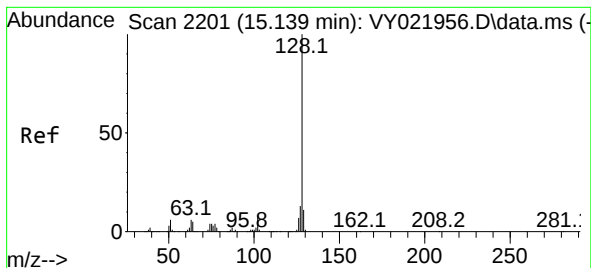
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.5

227 64.2 32.3 96.9





#95

Naphthalene

Concen: 47.598 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

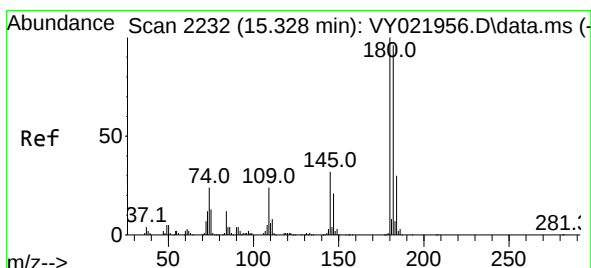
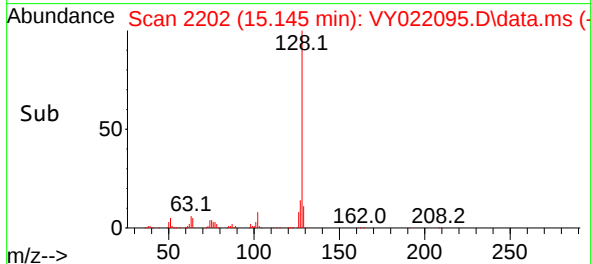
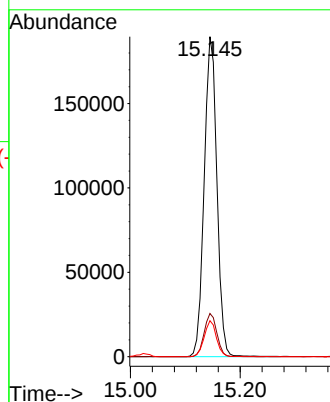
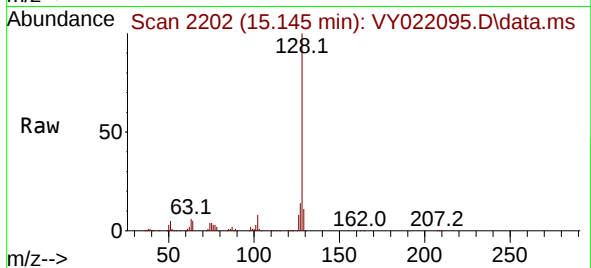
Tgt Ion:128 Resp: 304421

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.678 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion:180 Resp: 158454

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.4

145 31.4 16.0 48.0

