

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
 Data File : VY021956.D
 Acq On : 22 Apr 2025 15:29
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 23 02:11:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:02:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	321453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	499724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	458508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	245926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149695	50.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.840%	
35) Dibromofluoromethane	7.634	113	164867	49.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.880%	
50) Toluene-d8	10.103	98	637767	51.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.402	95	212936	50.820	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	126242	46.089	ug/l	100
3) Chloromethane	2.062	50	193657	49.653	ug/l	100
4) Vinyl Chloride	2.196	62	234756	48.981	ug/l	100
5) Bromomethane	2.592	94	191530	46.385	ug/l	100
6) Chloroethane	2.733	64	158887	48.677	ug/l	100
7) Trichlorofluoromethane	3.050	101	308523	48.817	ug/l	100
8) Diethyl Ether	3.452	74	79512	48.337	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	157297	45.881	ug/l	100
10) Methyl Iodide	4.001	142	202276	50.959	ug/l	100
11) Tert butyl alcohol	4.879	59	41968	257.462	ug/l	100
12) 1,1-Dichloroethene	3.787	96	151531	47.419	ug/l	100
13) Acrolein	3.653	56	68275	233.366	ug/l	100
14) Allyl chloride	4.379	41	178559	47.988	ug/l	100
15) Acrylonitrile	5.055	53	150181	249.387	ug/l	100
16) Acetone	3.879	43	101417	261.973	ug/l	100
17) Carbon Disulfide	4.098	76	479842	47.094	ug/l	100
18) Methyl Acetate	4.385	43	71756	51.735	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	364107	50.907	ug/l	100
20) Methylene Chloride	4.610	84	171472	45.671	ug/l	100
21) trans-1,2-Dichloroethene	5.104	96	171054	47.796	ug/l	100
22) Diisopropyl ether	6.019	45	414816	50.096	ug/l	100
23) Vinyl Acetate	5.958	43	1151100	257.942	ug/l	100
24) 1,1-Dichloroethane	5.915	63	274136	47.762	ug/l	100
25) 2-Butanone	6.896	43	169727	250.772	ug/l	100
26) 2,2-Dichloropropane	6.884	77	238816	47.472	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	196712	49.157	ug/l	100
28) Bromochloromethane	7.244	49	110399	49.520	ug/l	100
29) Tetrahydrofuran	7.262	42	117311	266.870	ug/l	100
30) Chloroform	7.421	83	307243	48.259	ug/l	100
31) Cyclohexane	7.701	56	227735	46.398	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	274062	47.581	ug/l	100
36) 1,1-Dichloropropene	7.835	75	212523	47.923	ug/l	100
37) Ethyl Acetate	6.982	43	80627	51.312	ug/l	100
38) Carbon Tetrachloride	7.817	117	253502	47.838	ug/l	100
39) Methylcyclohexane	9.109	83	274408	49.170	ug/l	100
40) Benzene	8.079	78	667899	48.179	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	45898	52.696	ug/l	100
42) 1,2-Dichloroethane	8.158	62	167612	48.835	ug/l	100
43) Isopropyl Acetate	8.195	43	155835	50.948	ug/l	100
44) Trichloroethene	8.860	130	183327	47.744	ug/l	100
45) 1,2-Dichloropropane	9.140	63	149687	48.827	ug/l	100
46) Dibromomethane	9.231	93	93536	48.740	ug/l	100
47) Bromodichloromethane	9.420	83	234964	49.010	ug/l	100
48) Methyl methacrylate	9.219	41	75057	53.082	ug/l	100
49) 1,4-Dioxane	9.238	88	20303	992.601	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	428635	267.326	ug/l	100
52) Toluene	10.170	92	446525	49.760	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	208479	50.698	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	241637	49.432	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	128082	49.965	ug/l	100
56) Ethyl methacrylate	10.439	69	157986	53.893	ug/l	100
57) 1,3-Dichloropropane	10.713	76	204196	49.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	401030	279.797	ug/l	100
59) 2-Hexanone	10.762	43	286755	271.141	ug/l	100
60) Dibromochloromethane	10.908	129	176120	49.624	ug/l	100
61) 1,2-Dibromoethane	11.012	107	120604	49.835	ug/l	100
64) Tetrachloroethene	10.646	164	208756	48.263	ug/l	100
65) Chlorobenzene	11.438	112	496647	48.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	177151	49.075	ug/l	100
67) Ethyl Benzene	11.518	91	841384	50.163	ug/l	100
68) m/p-Xylenes	11.627	106	673159	100.858	ug/l	100
69) o-Xylene	11.950	106	315731	51.325	ug/l	100
70) Styrene	11.969	104	535957	51.890	ug/l	100
71) Bromoform	12.133	173	105166	50.110	ug/l #	100
73) Isopropylbenzene	12.255	105	817740	49.770	ug/l	100
74) N-amyl acetate	12.066	43	145415	51.512	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	134856	48.682	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	179642	82.900	ug/l #	100
77) Bromobenzene	12.530	156	203522	49.021	ug/l	100
78) n-propylbenzene	12.591	91	977958	49.981	ug/l	100
79) 2-Chlorotoluene	12.676	91	560805	49.283	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	688578	50.863	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	43472	49.698	ug/l	100
82) 4-Chlorotoluene	12.773	91	585277	49.478	ug/l	100
83) tert-Butylbenzene	12.993	119	613293	50.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	684634	50.560	ug/l	100
85) sec-Butylbenzene	13.176	105	885790	49.857	ug/l	100
86) p-Isopropyltoluene	13.292	119	760829	50.431	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	405153	48.048	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	398336	47.697	ug/l	100
89) n-Butylbenzene	13.615	91	674346	50.008	ug/l	100
90) Hexachloroethane	13.877	117	156957	47.353	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	357028	48.544	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20698	46.964	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	202386	48.561	ug/l	100
94) Hexachlorobutadiene	15.023	225	117976	46.009	ug/l	100
95) Naphthalene	15.139	128	353130	51.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	173778	48.304	ug/l	100

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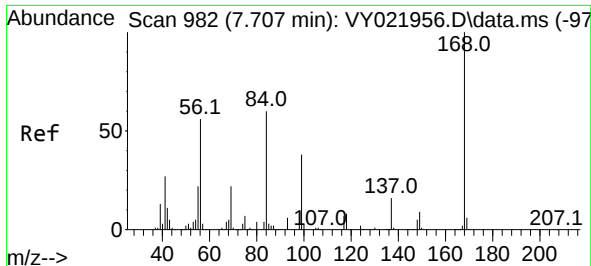
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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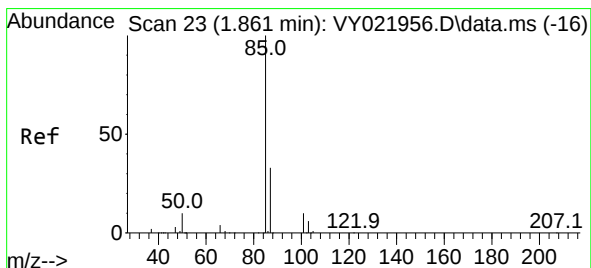
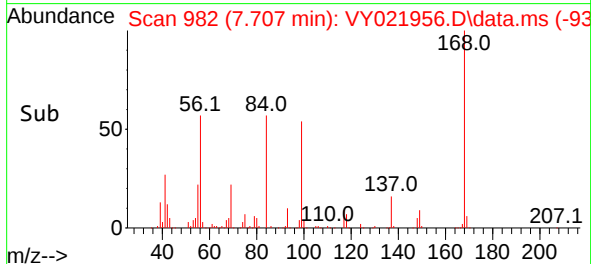
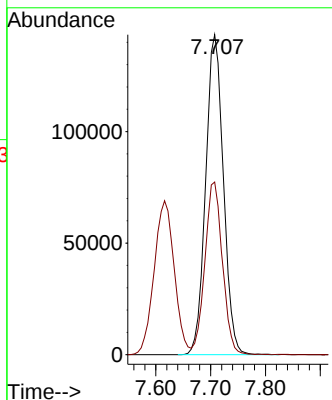
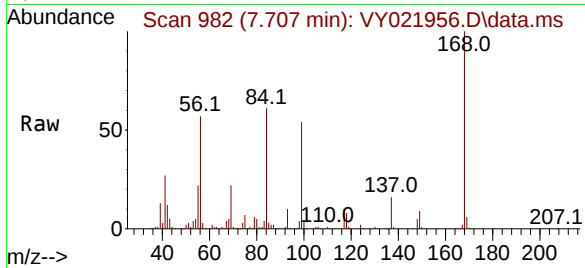




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021956.D
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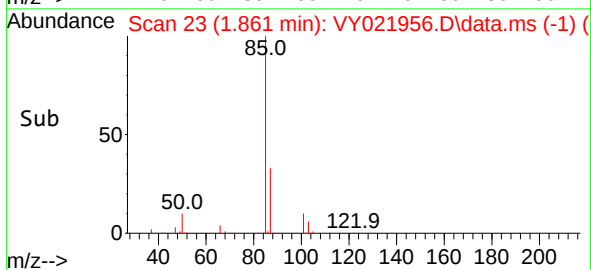
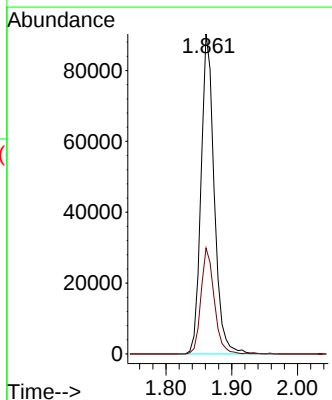
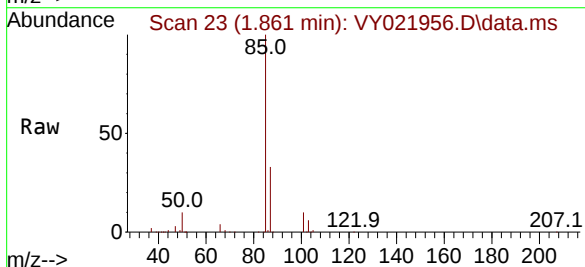
Instrument :
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ClientSampleId :
VSTDICCC050

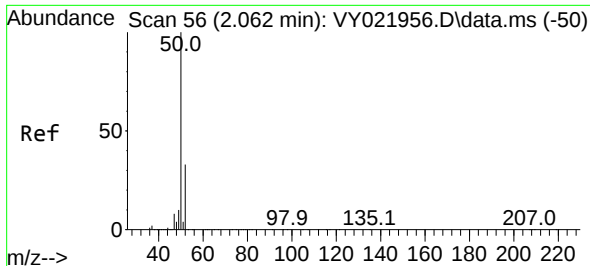
Tgt Ion:168 Resp: 321453
Ion Ratio Lower Upper
168 100
99 53.9 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 46.089 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 85 Resp: 126242
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7

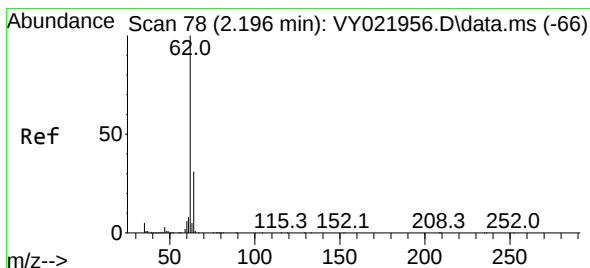
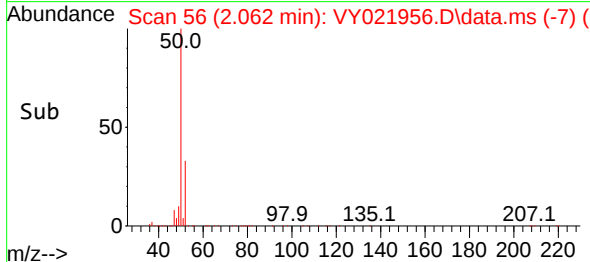
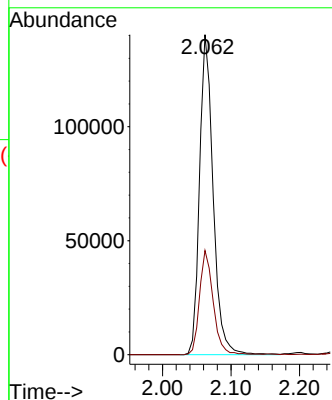
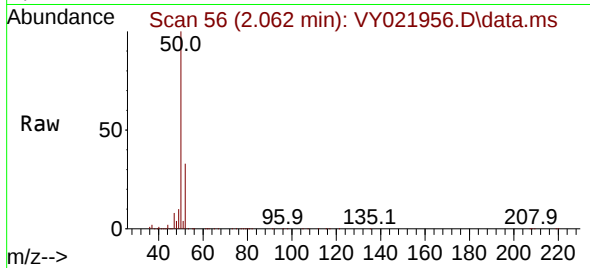




#3
Chloromethane
Concen: 49.653 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

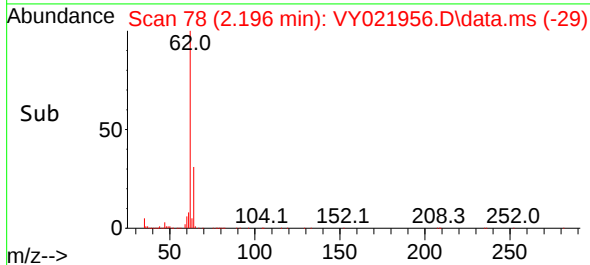
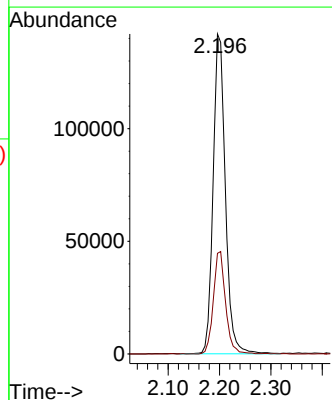
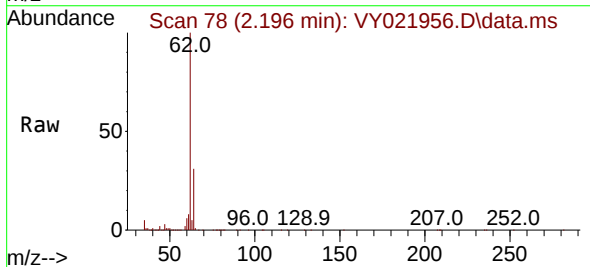
Instrument :
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ClientSampleId :
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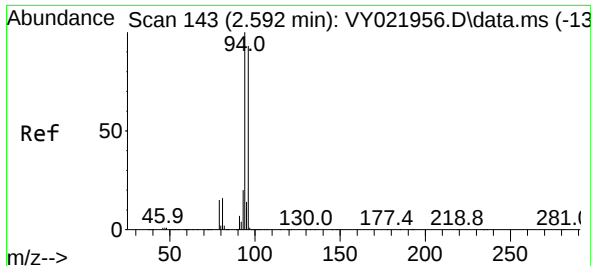
Tgt Ion: 50 Resp: 193657
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 48.981 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 62 Resp: 234756
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

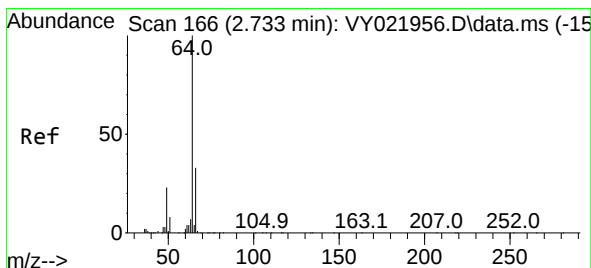
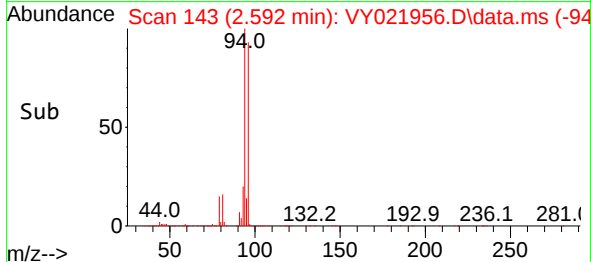
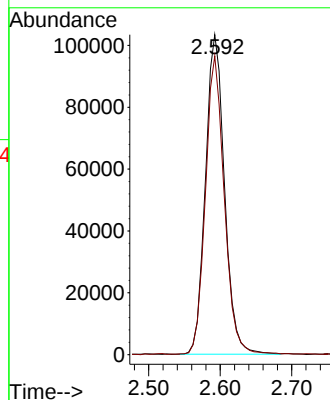
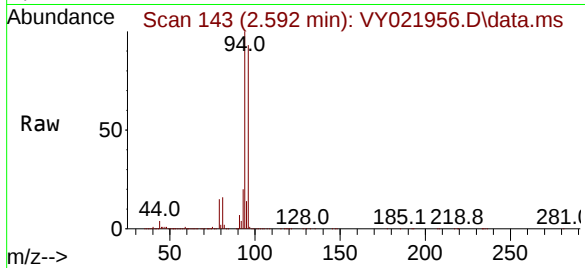




#5
Bromomethane
Concen: 46.385 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

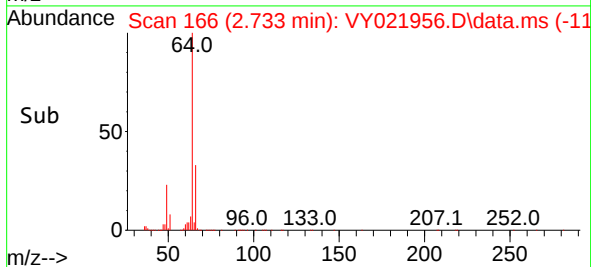
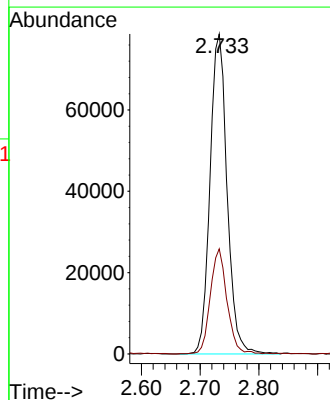
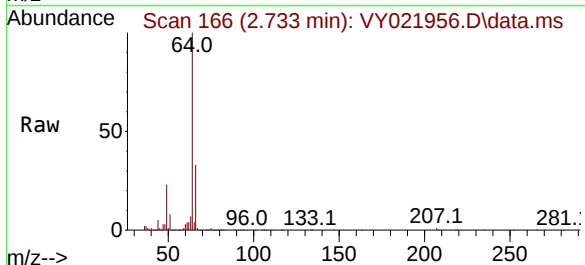
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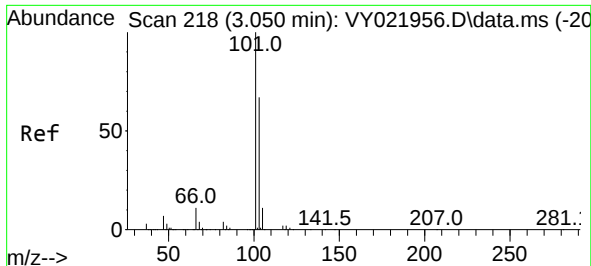
Tgt Ion: 94 Resp: 191530
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8



#6
Chloroethane
Concen: 48.677 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 64 Resp: 158887
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

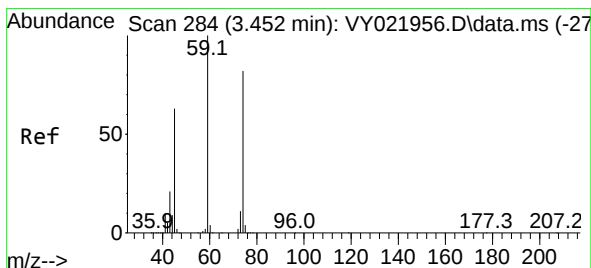
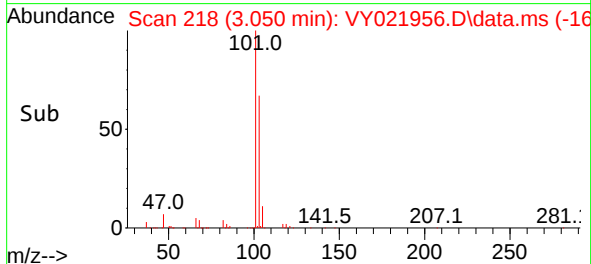
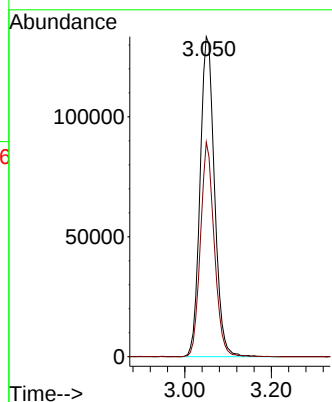
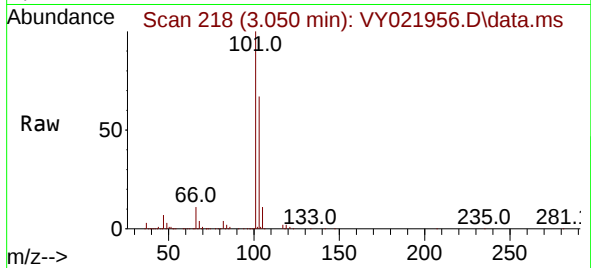




#7
 Trichlorofluoromethane
 Concen: 48.817 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

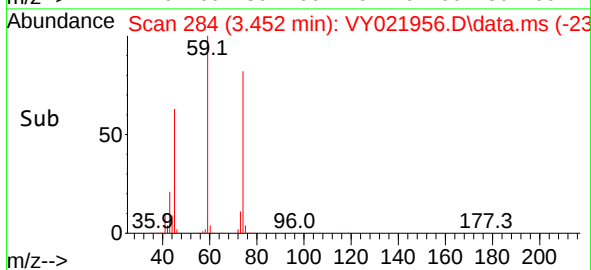
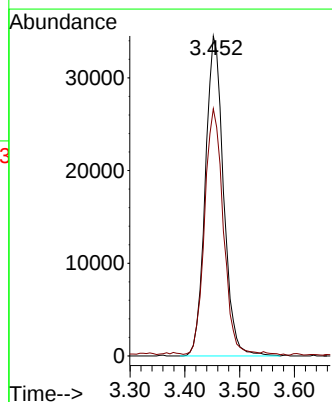
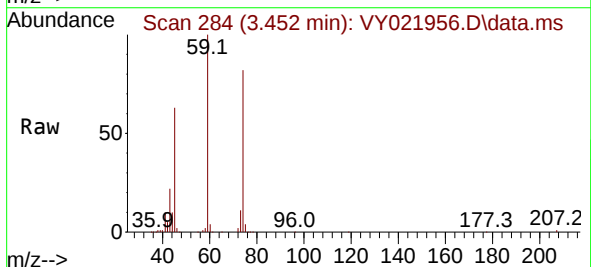
Instrument :
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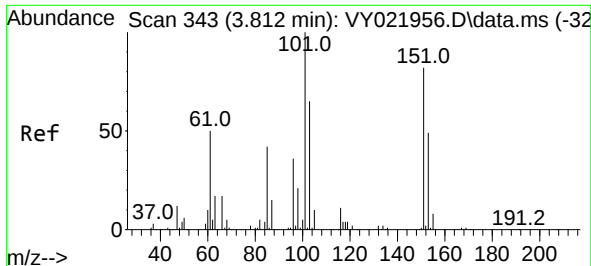
Tgt Ion:101 Resp: 308523
 Ion Ratio Lower Upper
 101 100
 103 67.0 53.6 80.4



#8
 Diethyl Ether
 Concen: 48.337 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

Tgt Ion: 74 Resp: 79512
 Ion Ratio Lower Upper
 74 100
 45 78.3 39.1 117.5

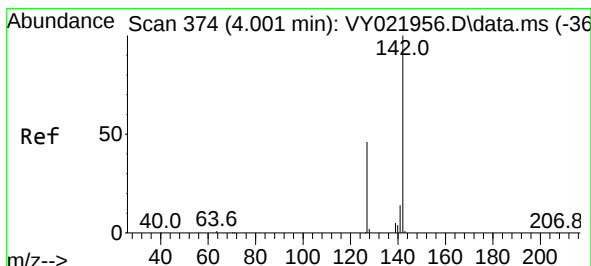
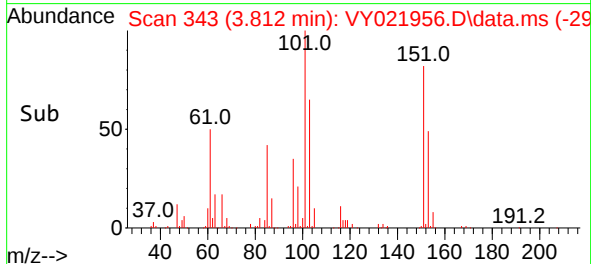
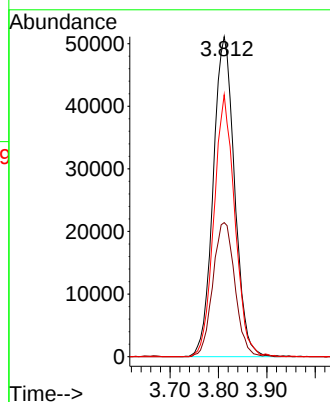
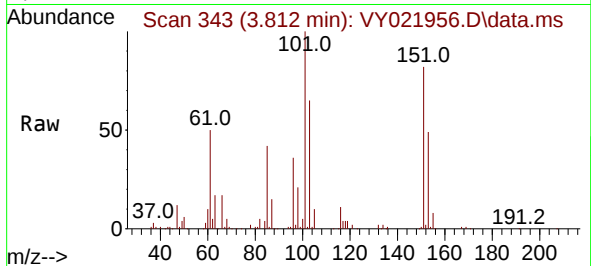




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.881 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

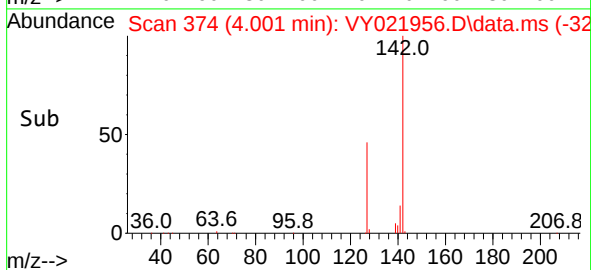
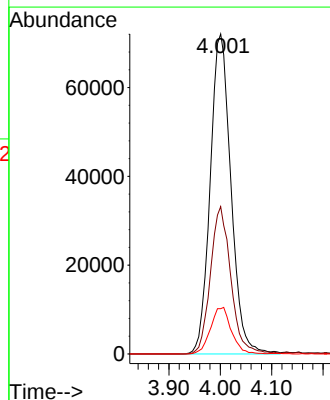
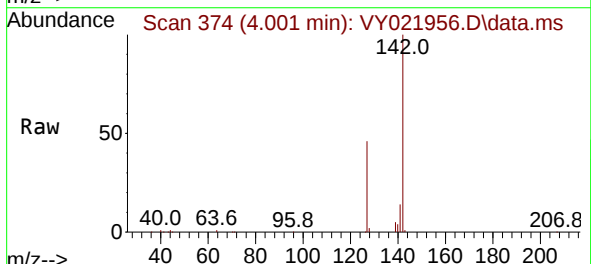
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

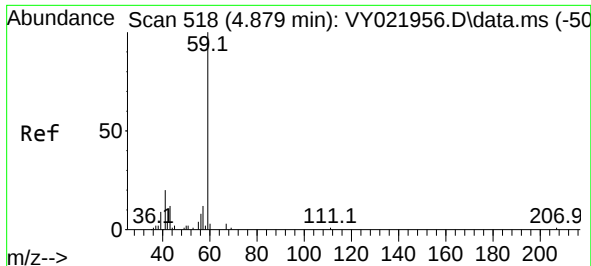
Tgt Ion:101 Resp: 157297
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 79.6 63.7 95.5



#10
Methyl Iodide
Concen: 50.959 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:142 Resp: 202276
Ion Ratio Lower Upper
142 100
127 45.2 36.2 54.2
141 14.6 11.7 17.5

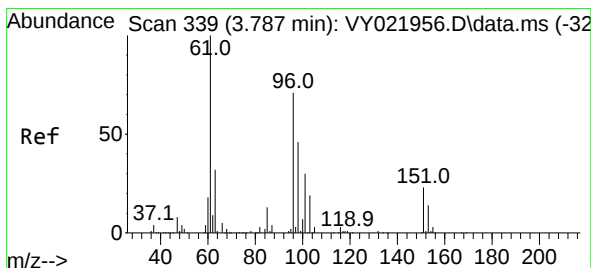
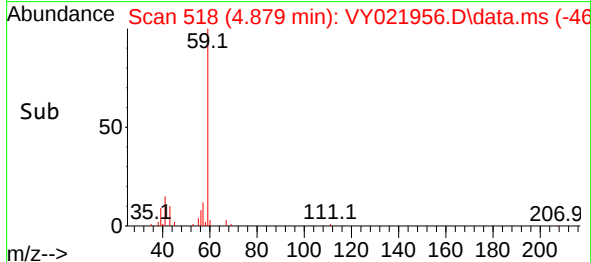
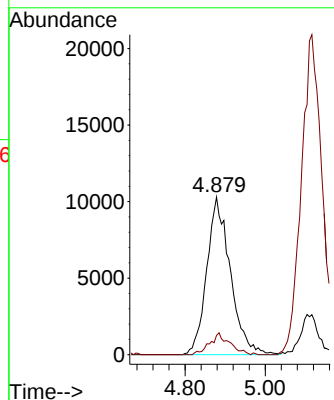
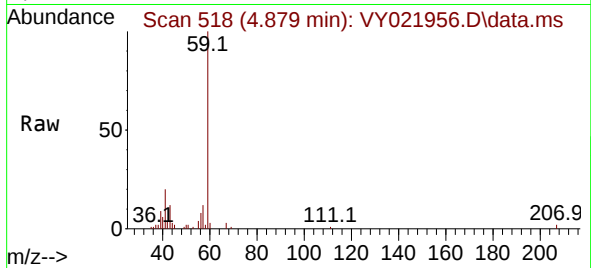




#11
Tert butyl alcohol
Concen: 257.462 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

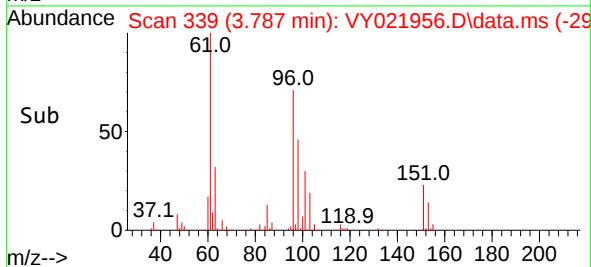
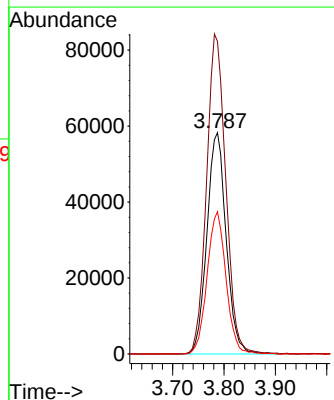
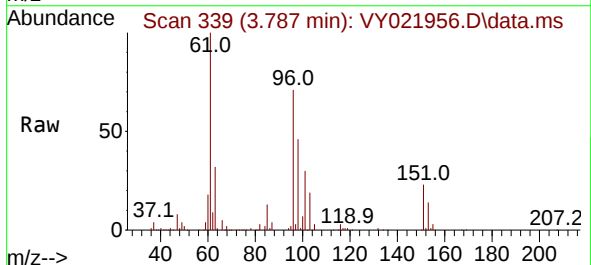
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

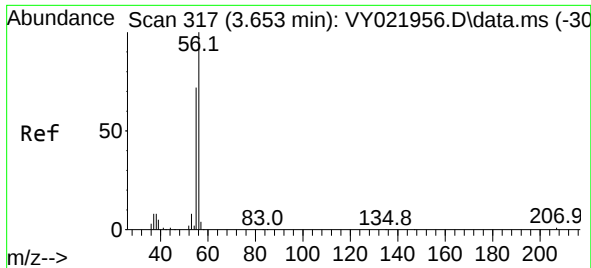
Tgt Ion: 59 Resp: 41968
Ion Ratio Lower Upper
59 100
57 11.6 9.3 13.9



#12
1,1-Dichloroethene
Concen: 47.419 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 96 Resp: 151531
Ion Ratio Lower Upper
96 100
61 141.2 113.0 169.4
98 64.3 51.4 77.2





#13

Acrolein

Concen: 233.366 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

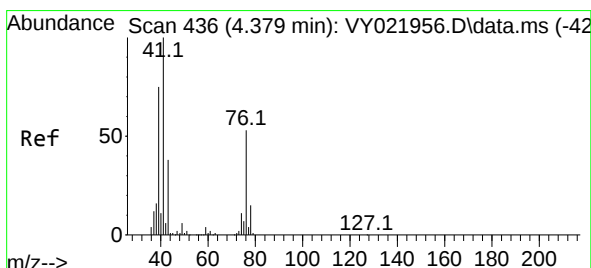
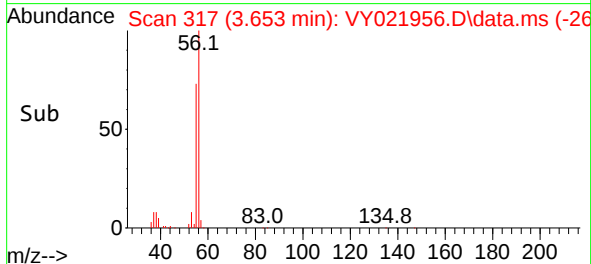
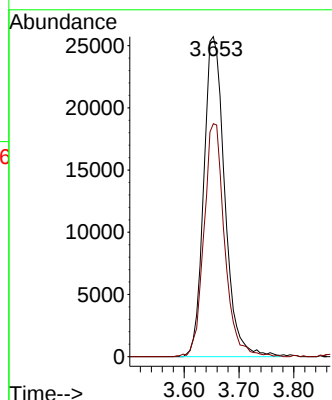
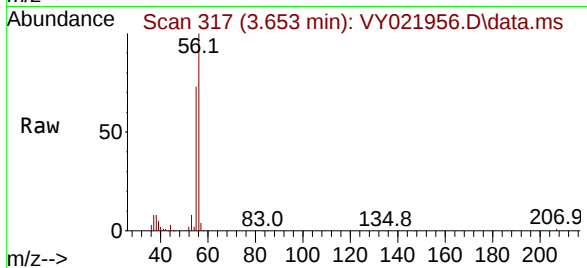
VSTDICCC050

Tgt Ion: 56 Resp: 68275

Ion Ratio Lower Upper

56 100

55 71.7 57.4 86.0



#14

Allyl chloride

Concen: 47.988 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

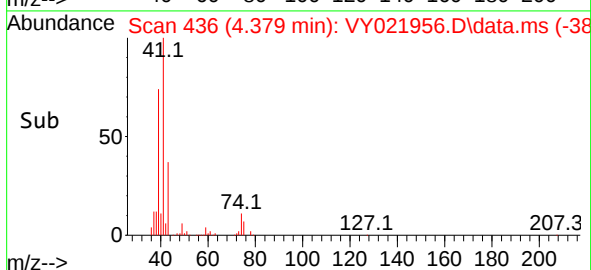
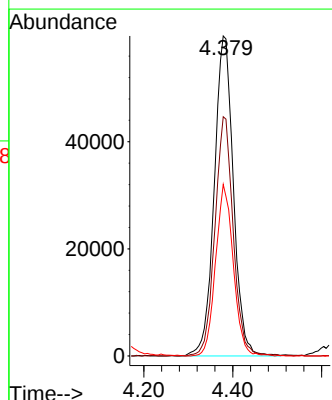
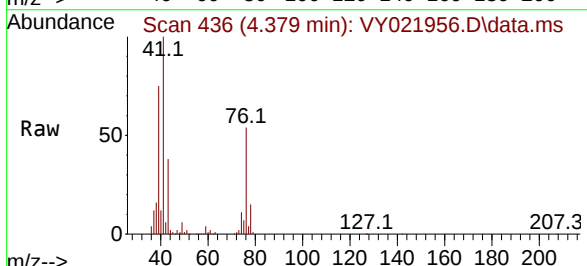
Tgt Ion: 41 Resp: 178559

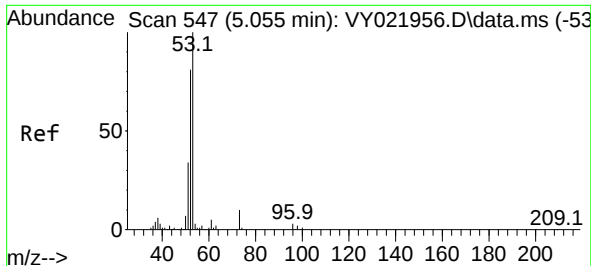
Ion Ratio Lower Upper

41 100

39 71.5 57.2 85.8

76 49.6 39.7 59.5

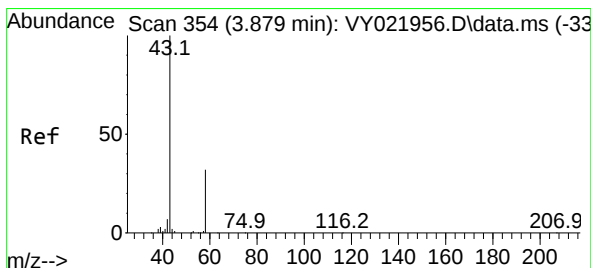
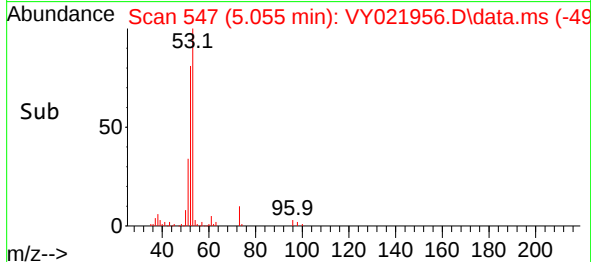
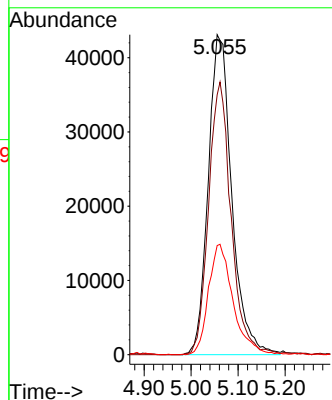
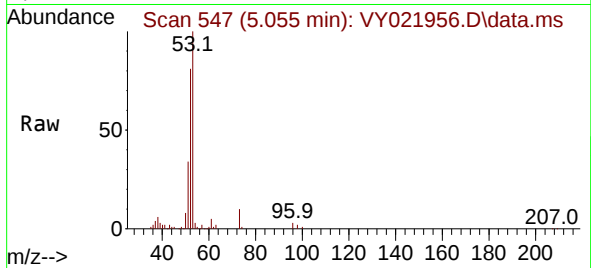




#15
Acrylonitrile
Concen: 249.387 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

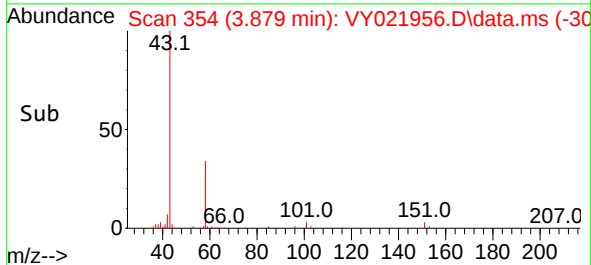
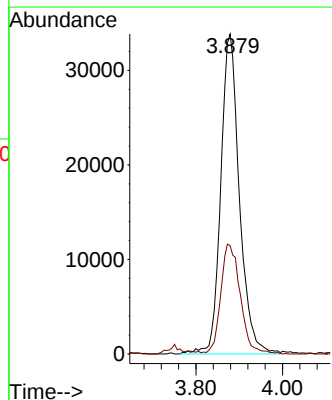
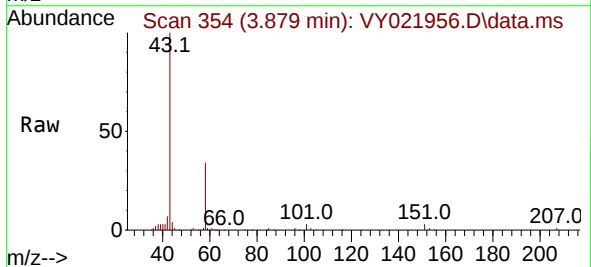
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

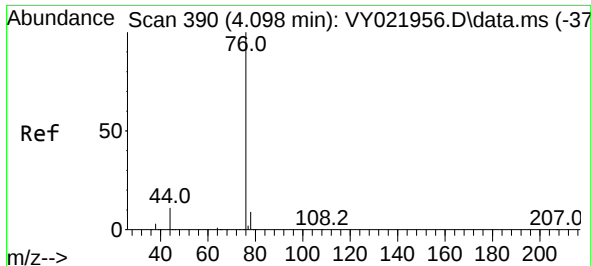
Tgt Ion: 53 Resp: 150181
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 36.1 28.9 43.3



#16
Acetone
Concen: 261.973 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 101417
Ion Ratio Lower Upper
43 100
58 33.7 27.0 40.4

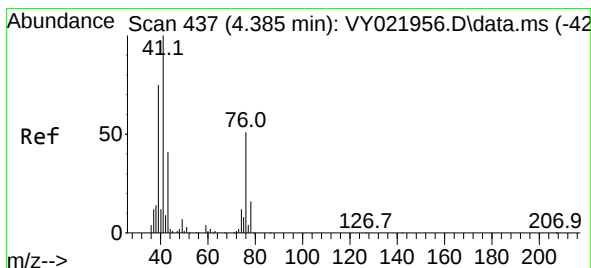
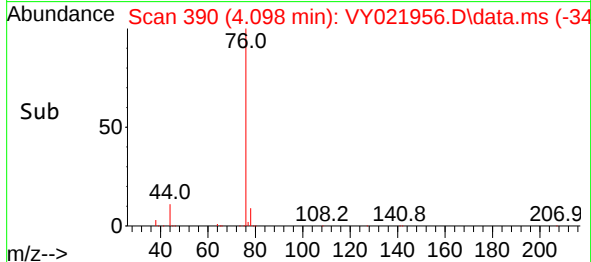
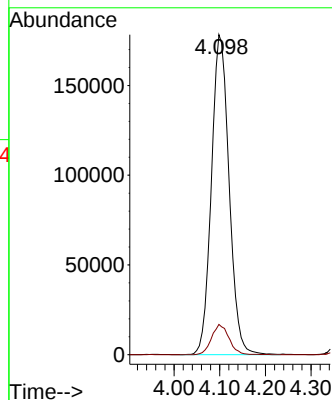
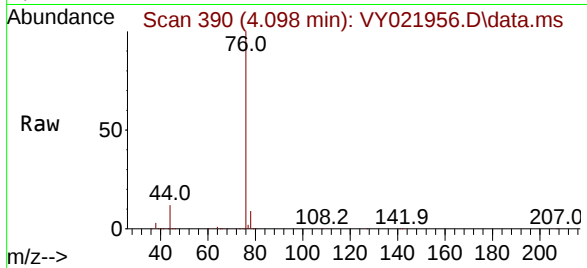




#17
Carbon Disulfide
Concen: 47.094 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

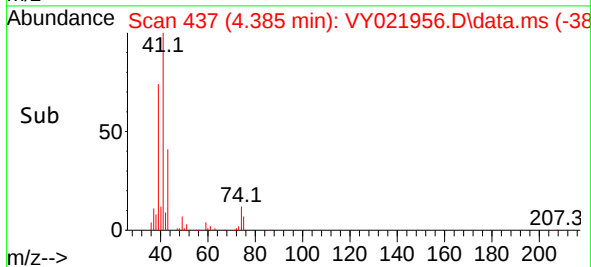
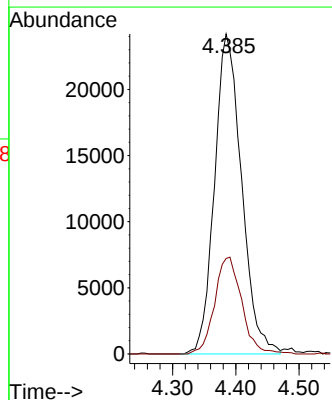
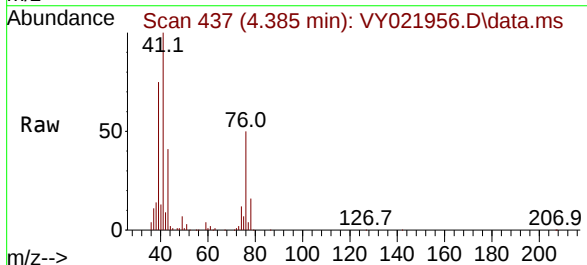
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

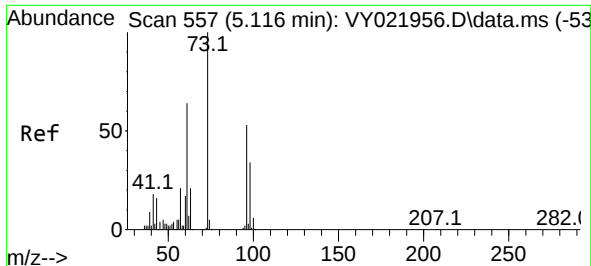
Tgt Ion: 76 Resp: 479842
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 51.735 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 71756
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 50.907 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

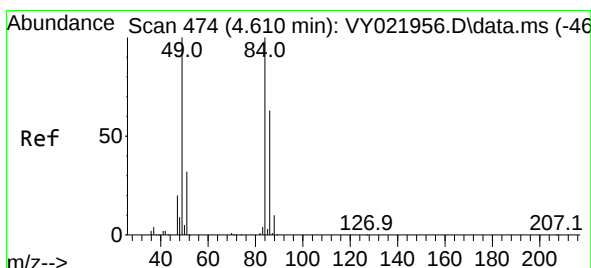
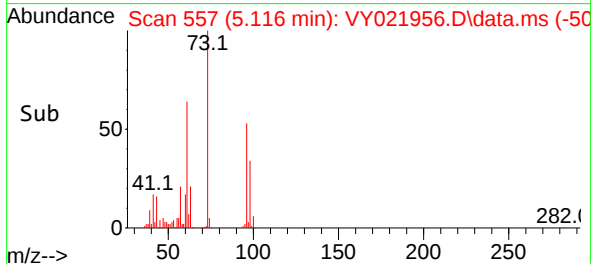
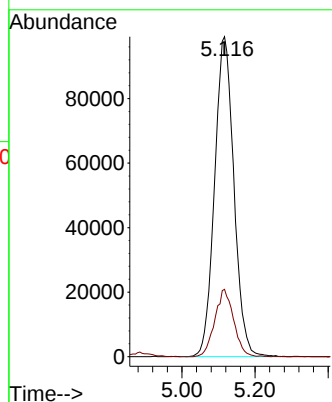
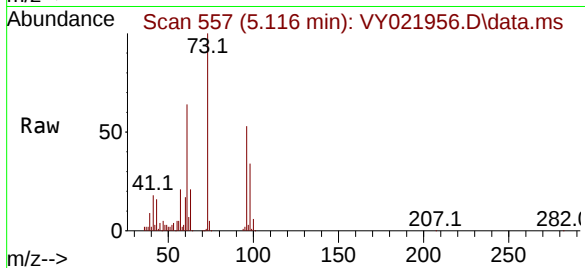
VSTDICCC050

Tgt Ion: 73 Resp: 364107

Ion Ratio Lower Upper

73 100

57 21.1 16.9 25.3



#20

Methylene Chloride

Concen: 45.671 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Tgt Ion: 84 Resp: 171472

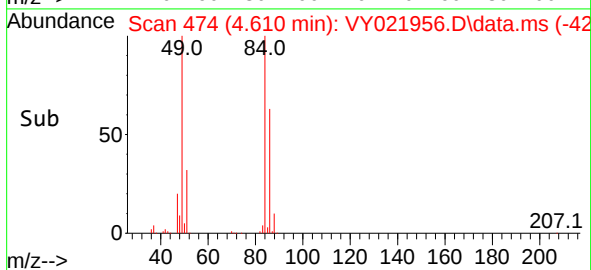
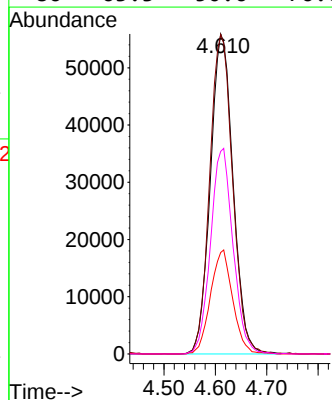
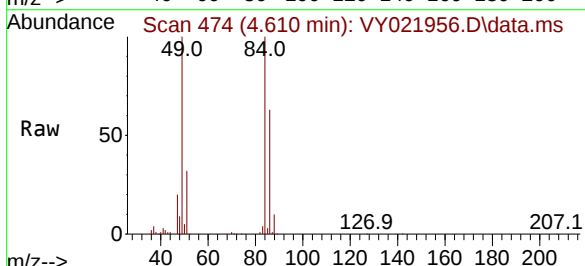
Ion Ratio Lower Upper

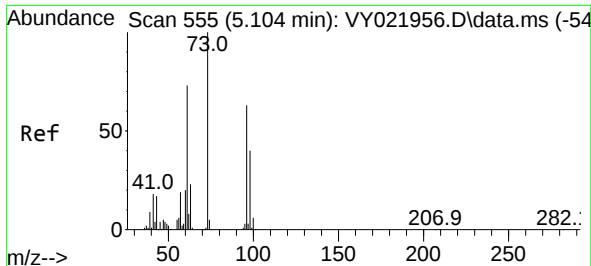
84 100

49 99.9 79.9 119.9

51 31.7 25.4 38.0

86 63.3 50.6 76.0

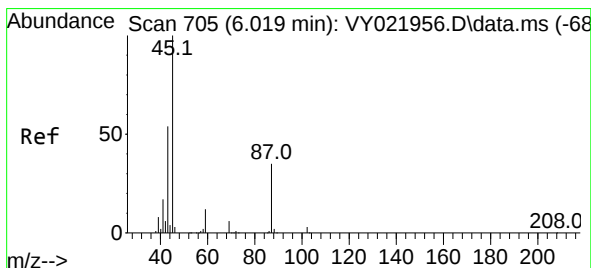
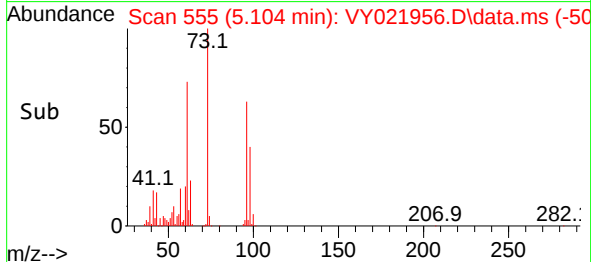
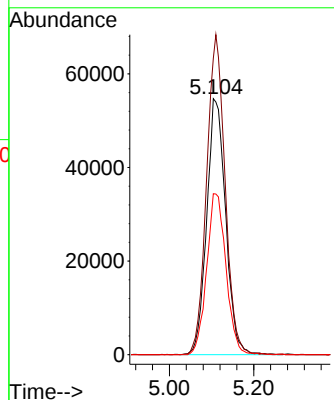
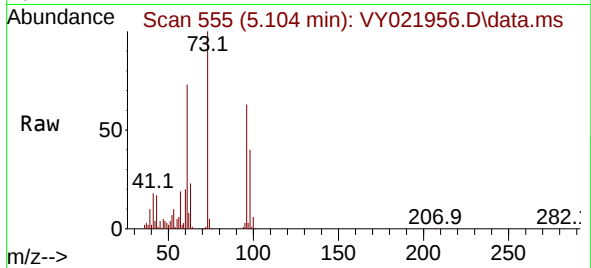




#21
trans-1,2-Dichloroethene
Concen: 47.796 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

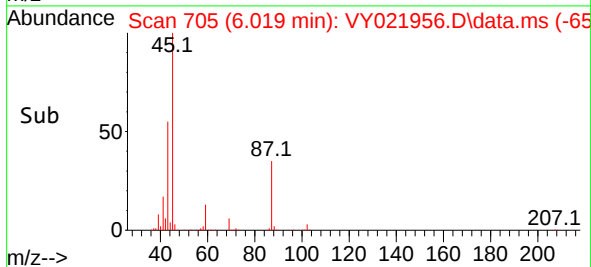
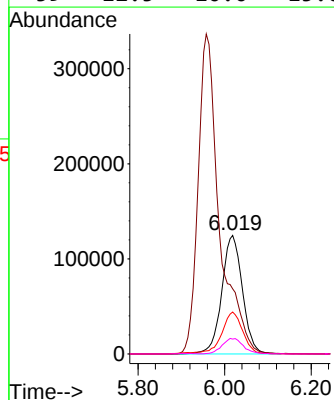
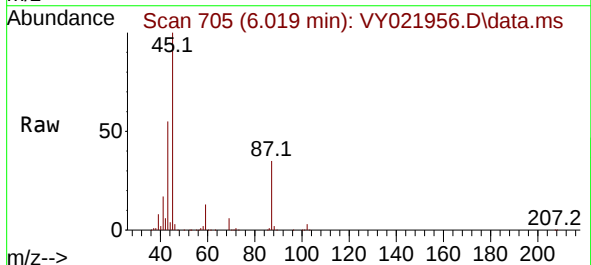
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

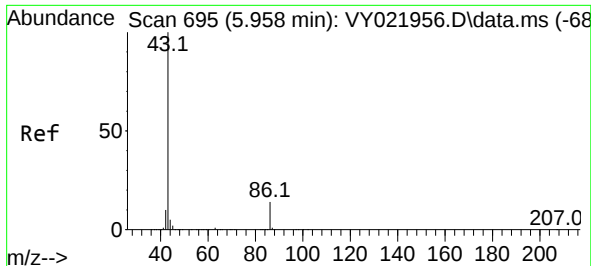
Tgt Ion: 96 Resp: 171054
Ion Ratio Lower Upper
96 100
61 115.7 92.6 138.8
98 62.8 50.2 75.4



#22
Diisopropyl ether
Concen: 50.096 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 45 Resp: 414816
Ion Ratio Lower Upper
45 100
43 54.5 43.6 65.4
87 35.3 28.2 42.4
59 12.5 10.0 15.0

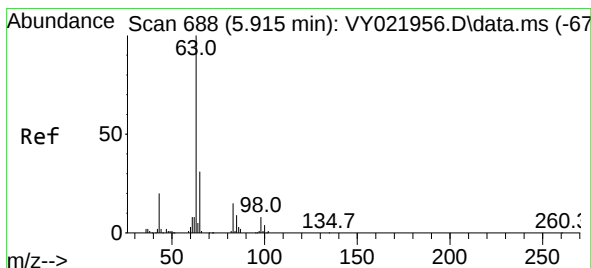
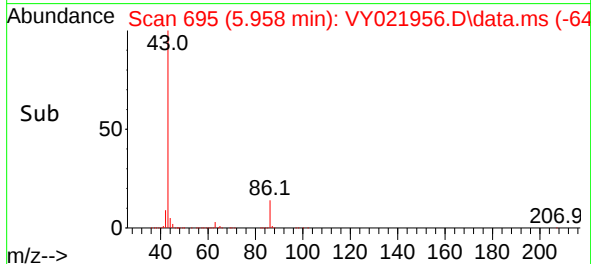
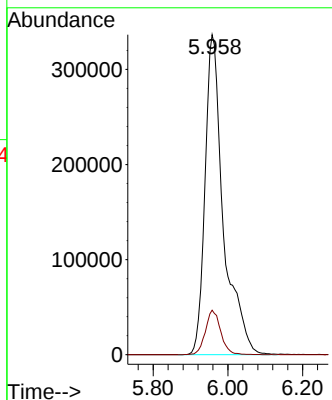
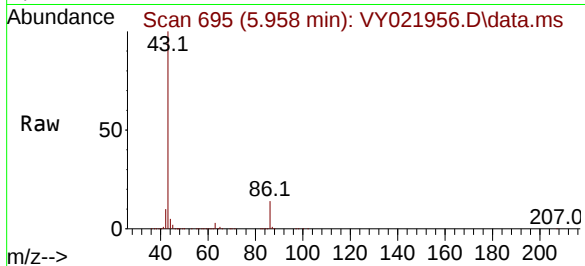




#23
 Vinyl Acetate
 Concen: 257.942 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

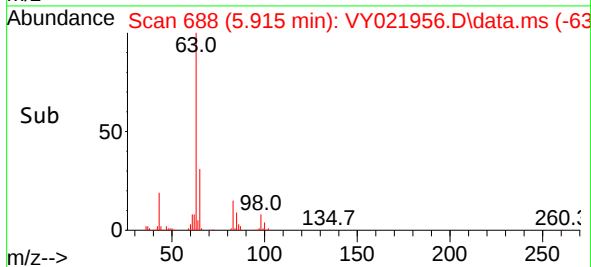
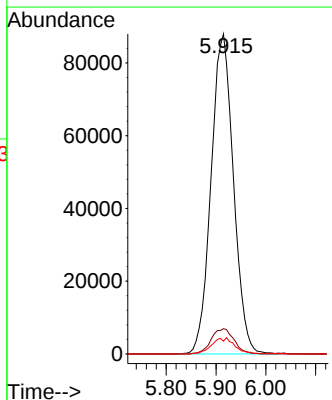
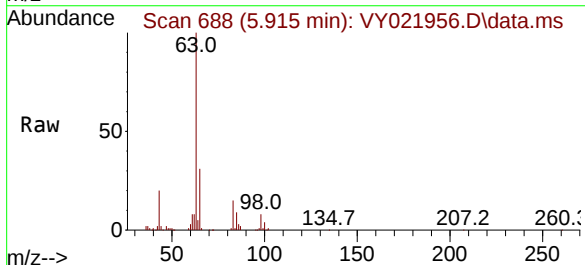
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

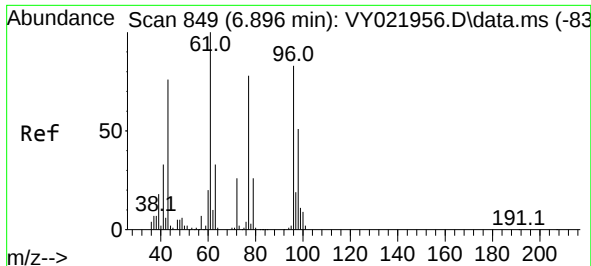
Tgt Ion: 43 Resp: 1151100
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 47.762 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

Tgt Ion: 63 Resp: 274136
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 250.772 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

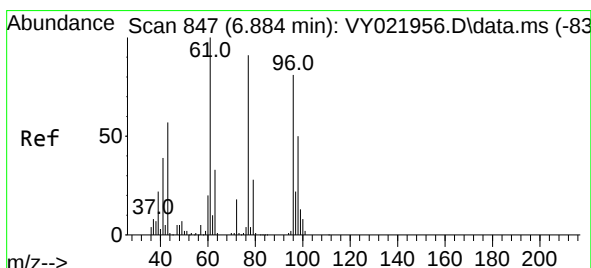
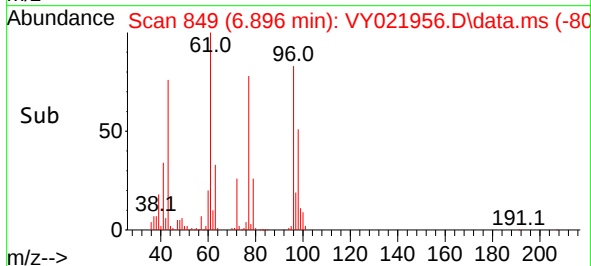
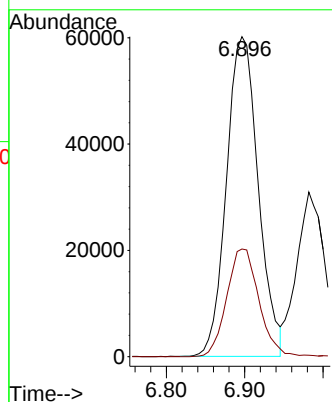
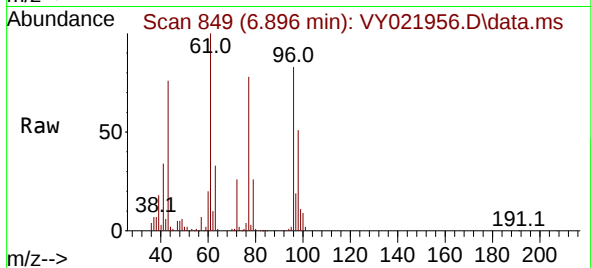
VSTDICCC050

Tgt Ion: 43 Resp: 169727

Ion Ratio Lower Upper

43 100

72 33.7 27.0 40.4



#26

2,2-Dichloropropane

Concen: 47.472 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021956.D

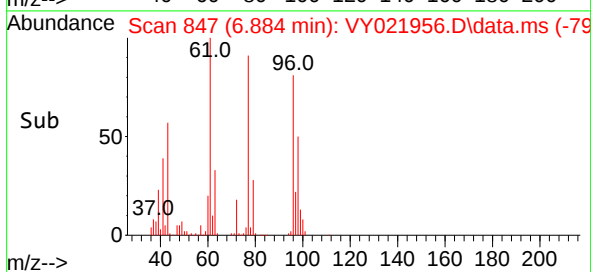
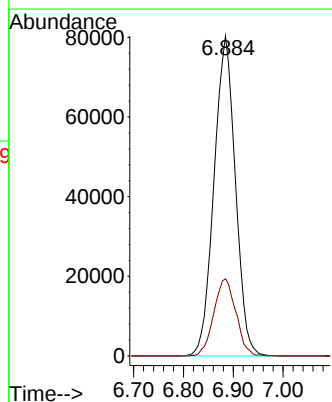
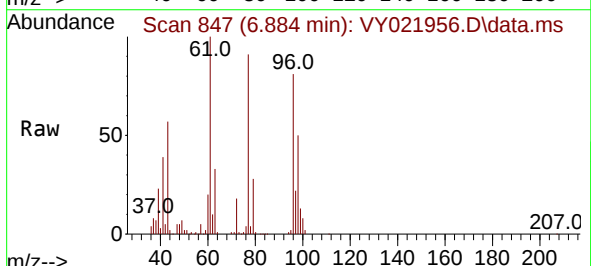
Acq: 22 Apr 2025 15:29

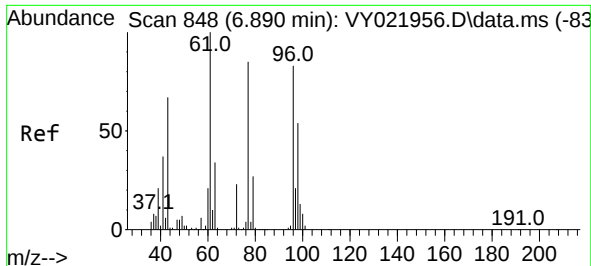
Tgt Ion: 77 Resp: 238816

Ion Ratio Lower Upper

77 100

97 24.9 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 49.157 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

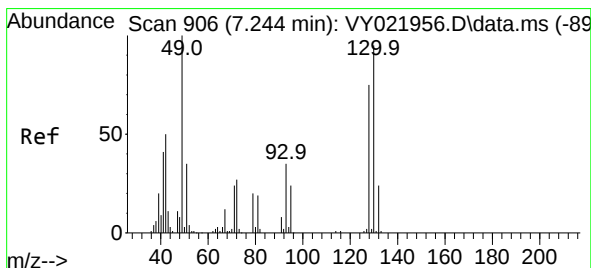
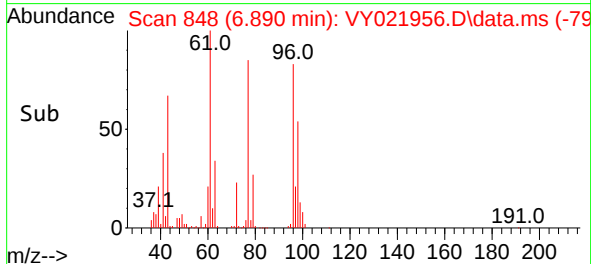
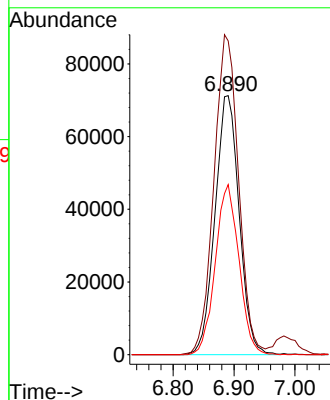
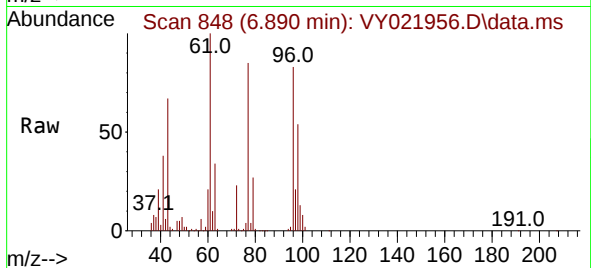
Tgt Ion: 96 Resp: 196712

Ion Ratio Lower Upper

96 100

61 125.7 0.0 251.4

98 64.2 0.0 128.4



#28

Bromochloromethane

Concen: 49.520 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

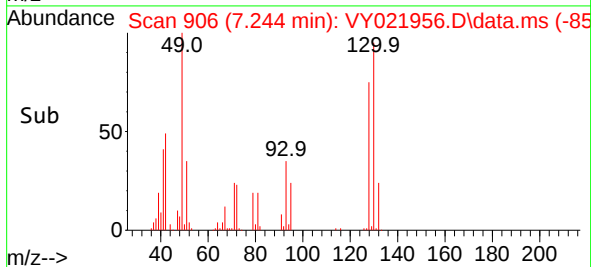
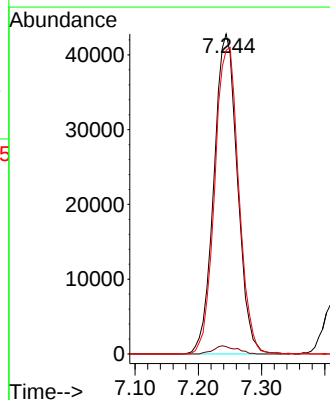
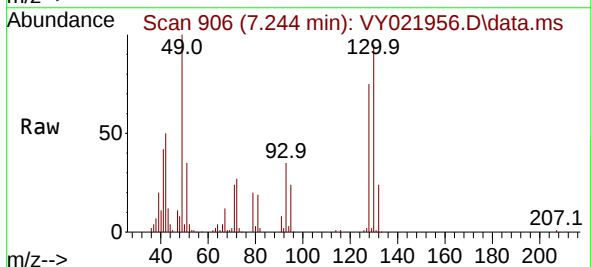
Tgt Ion: 49 Resp: 110399

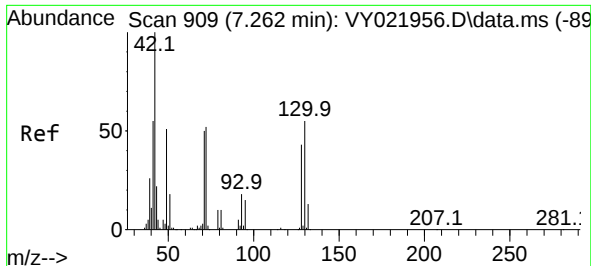
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 97.8 78.2 117.4





#29

Tetrahydrofuran

Concen: 266.870 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

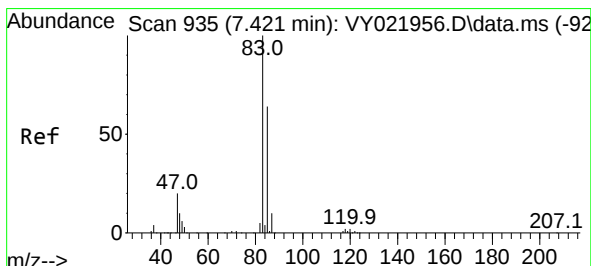
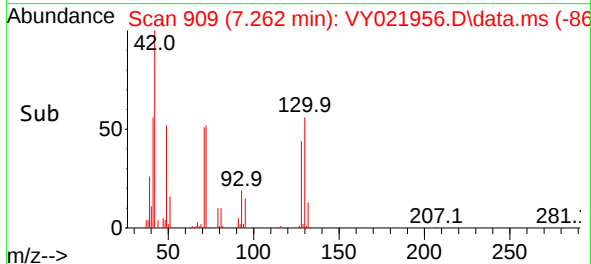
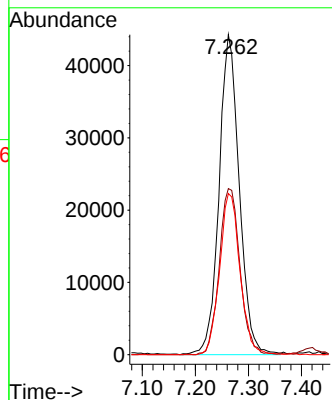
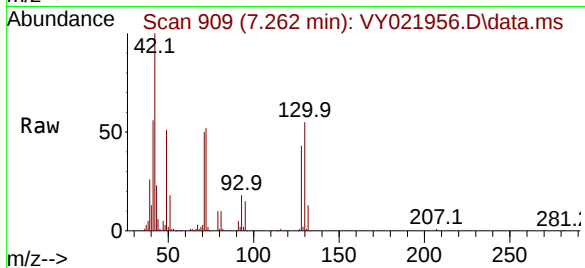
Tgt Ion: 42 Resp: 117311

Ion Ratio Lower Upper

42 100

72 53.2 42.6 63.8

71 50.8 40.6 61.0



#30

Chloroform

Concen: 48.259 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021956.D

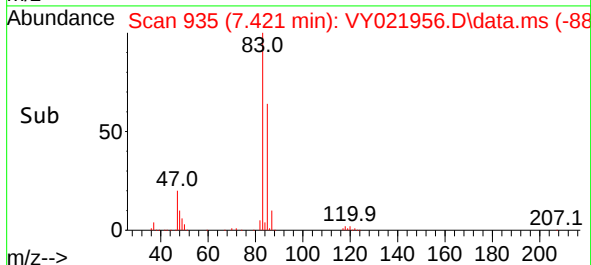
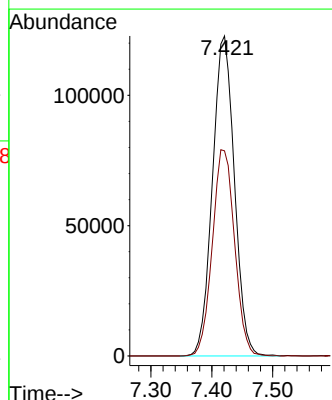
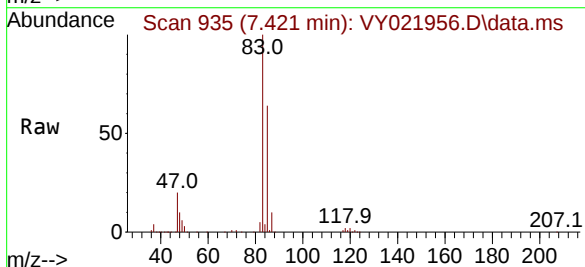
Acq: 22 Apr 2025 15:29

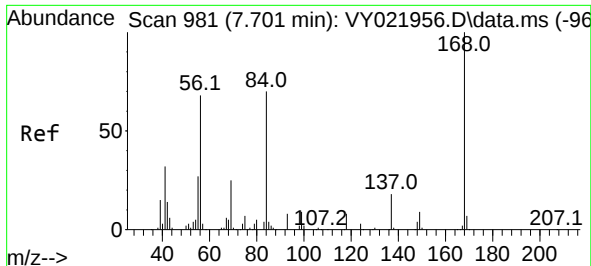
Tgt Ion: 83 Resp: 307243

Ion Ratio Lower Upper

83 100

85 64.1 51.3 76.9

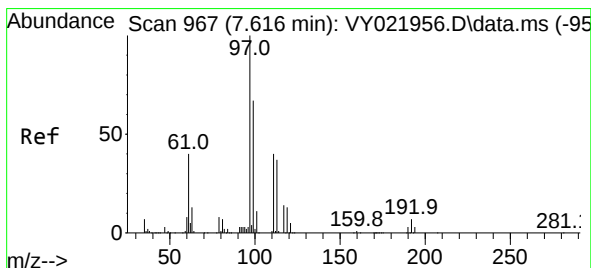
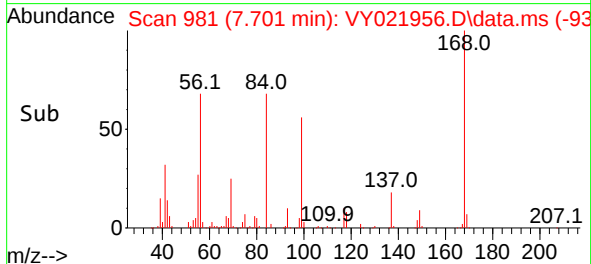
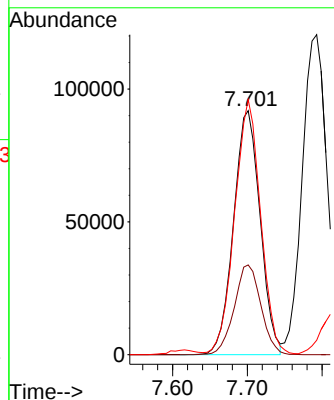
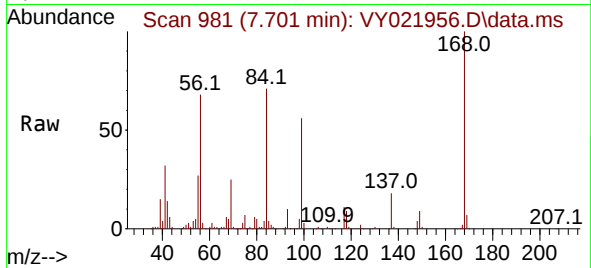




#31
Cyclohexane
Concen: 46.398 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

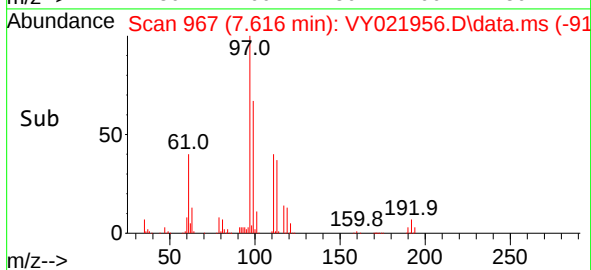
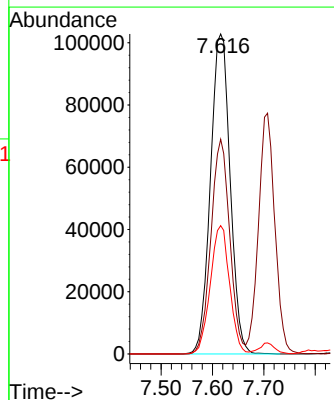
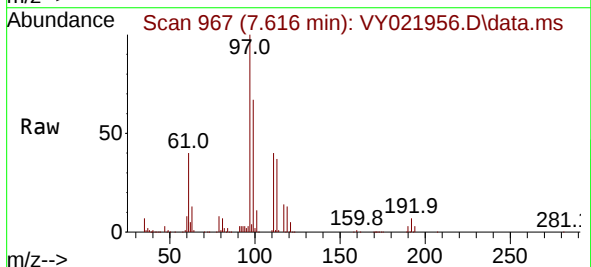
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

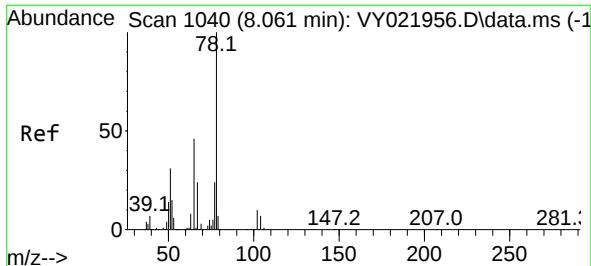
Tgt Ion: 56 Resp: 227735
Ion Ratio Lower Upper
56 100
69 36.8 29.4 44.2
84 102.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 47.581 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 97 Resp: 274062
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.3 31.4 47.2

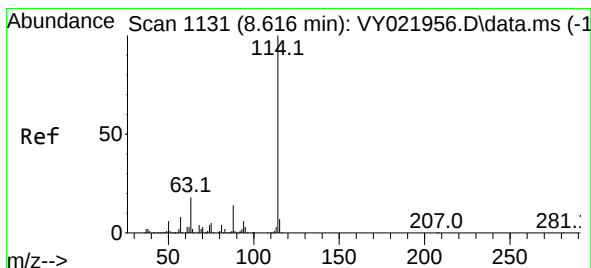
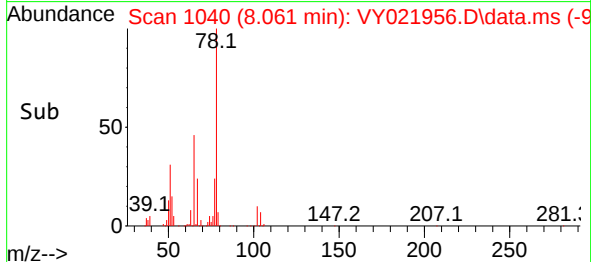
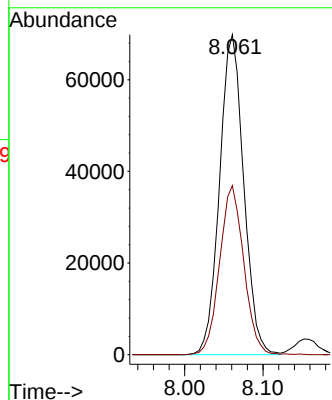
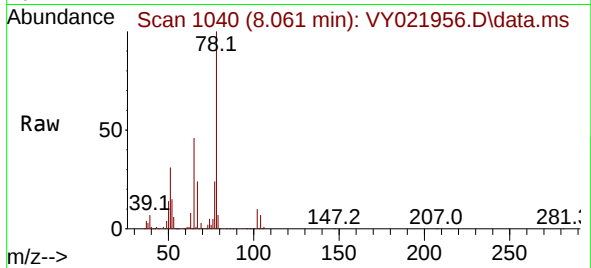




#33
1,2-Dichloroethane-d4
Concen: 50.416 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

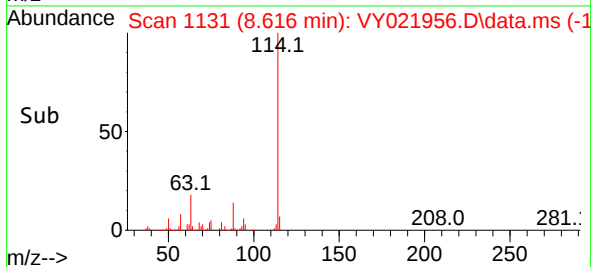
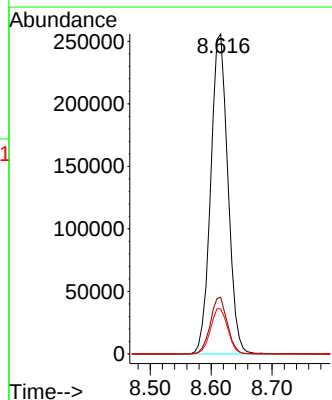
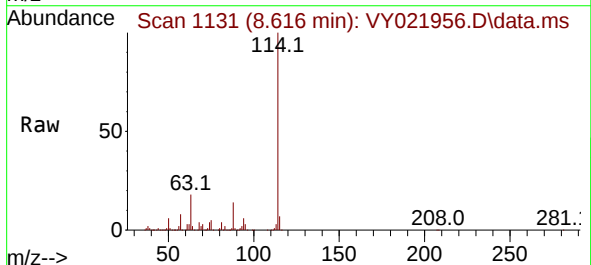
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

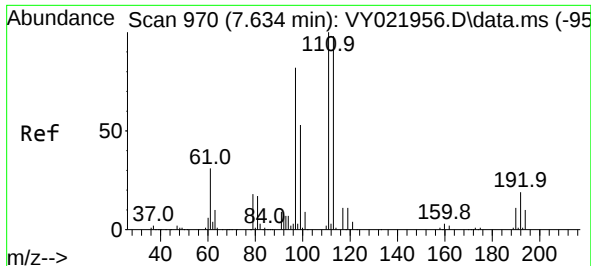
Tgt Ion: 65 Resp: 149695
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 114 Resp: 499724
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.4
88 14.1 0.0 28.2

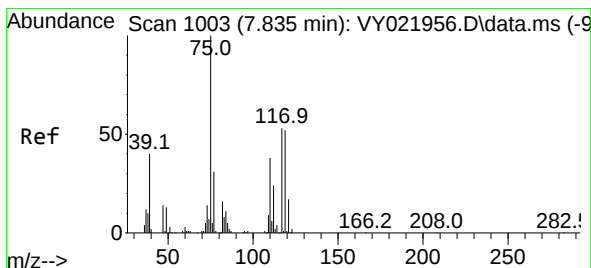
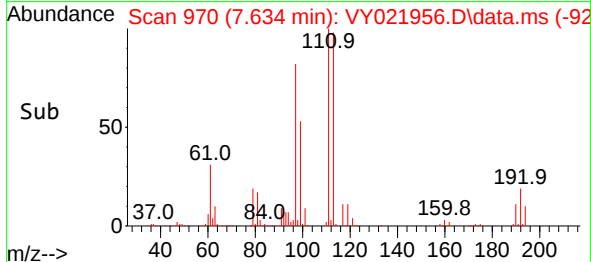
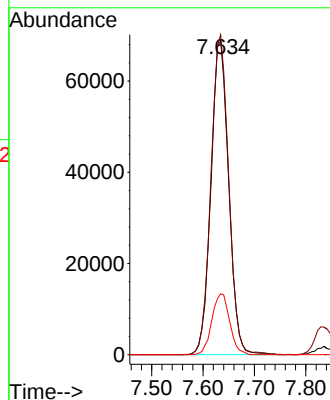
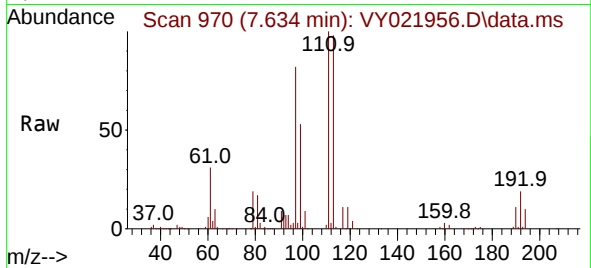




#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

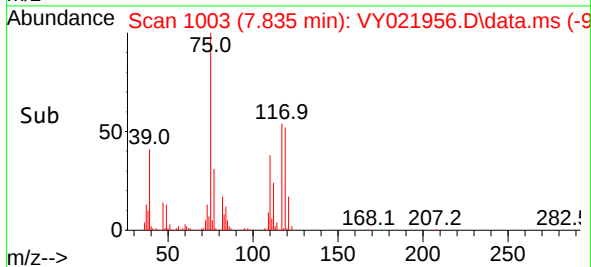
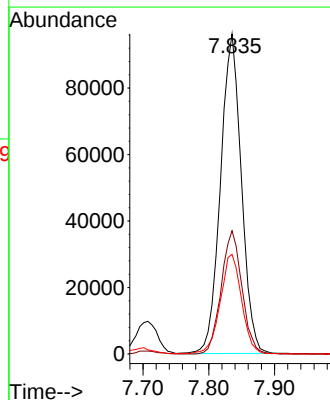
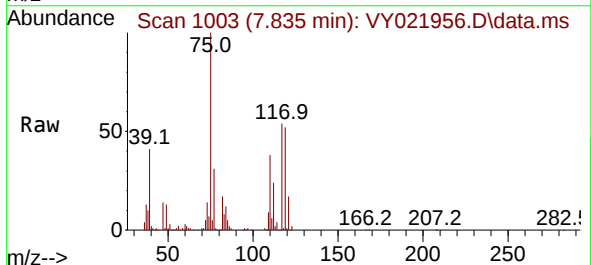
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

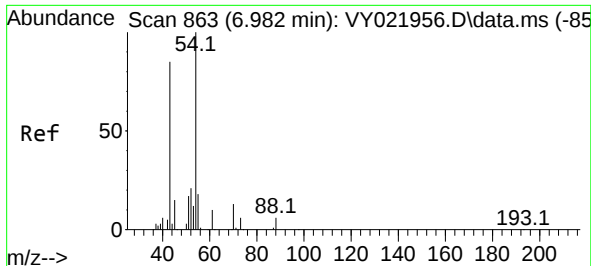
Tgt Ion:113 Resp: 164867
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 19.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 47.923 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 212523
Ion Ratio Lower Upper
75 100
110 38.2 19.1 57.3
77 31.9 25.5 38.3

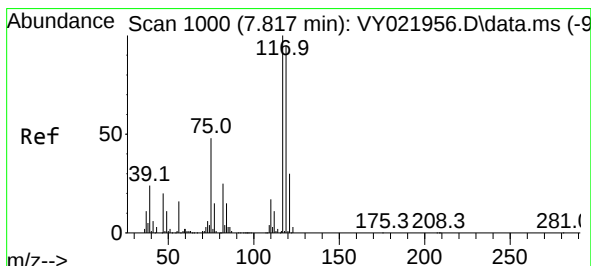
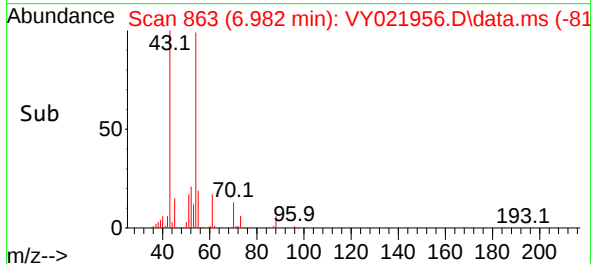
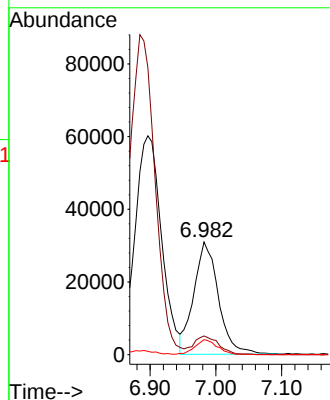
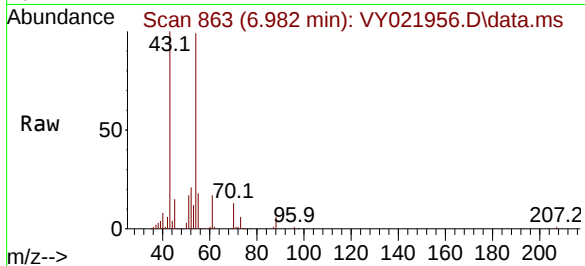




#37
Ethyl Acetate
Concen: 51.312 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

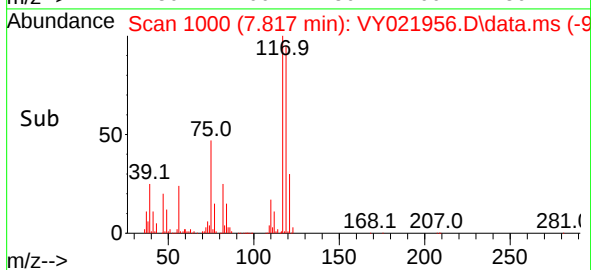
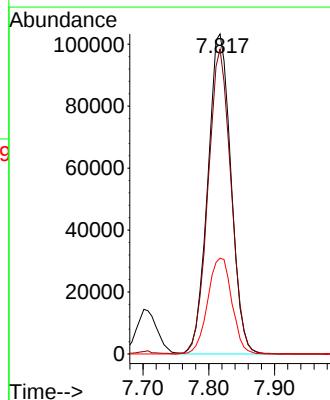
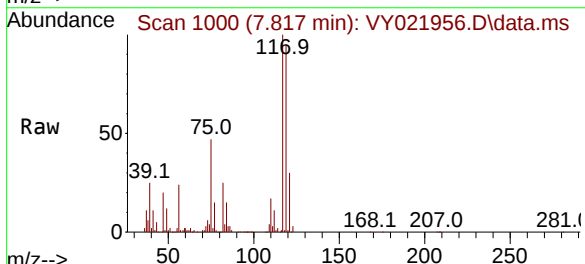
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

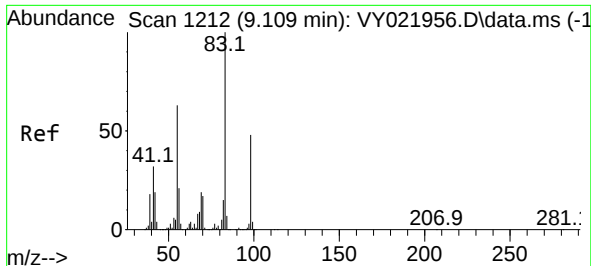
Tgt Ion:	43	Resp:	80627
Ion	Ratio	Lower	Upper
43	100		
61	17.2	13.8	20.6
70	11.5	9.2	13.8



#38
Carbon Tetrachloride
Concen: 47.838 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:	117	Resp:	253502
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.4
121	30.0	24.0	36.0





#39

Methylcyclohexane

Concen: 49.170 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

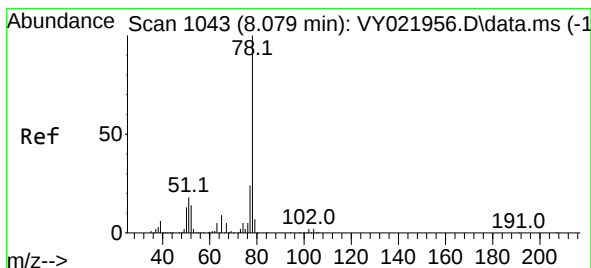
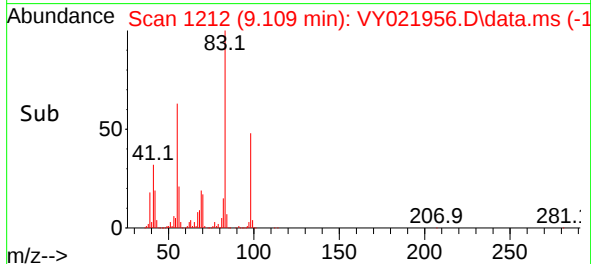
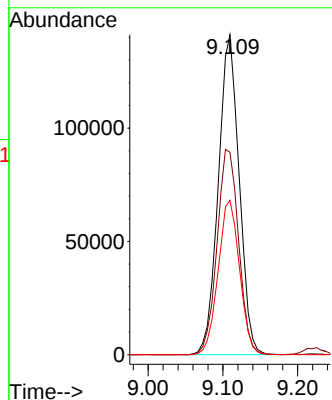
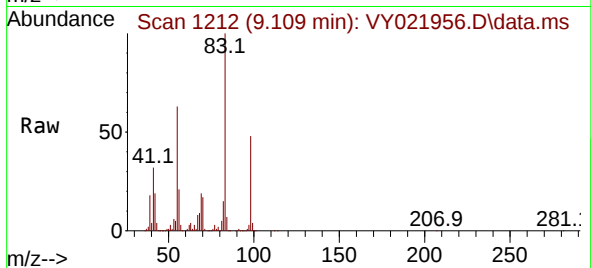
Tgt Ion: 83 Resp: 274408

Ion Ratio Lower Upper

83 100

55 63.2 50.6 75.8

98 48.3 38.6 58.0



#40

Benzene

Concen: 48.179 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021956.D

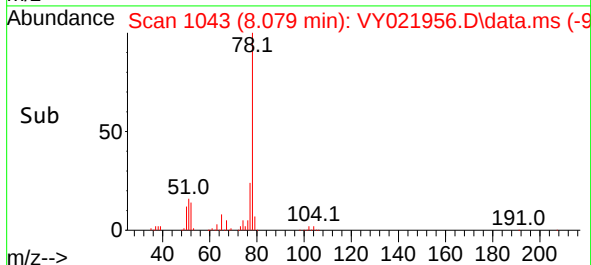
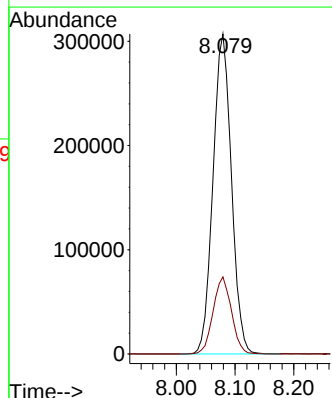
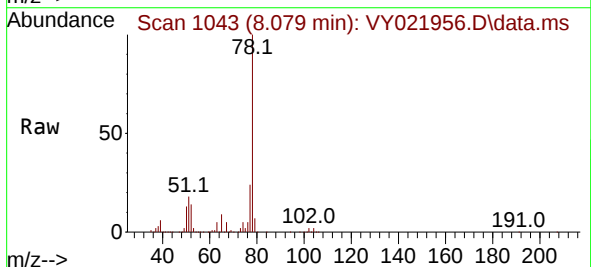
Acq: 22 Apr 2025 15:29

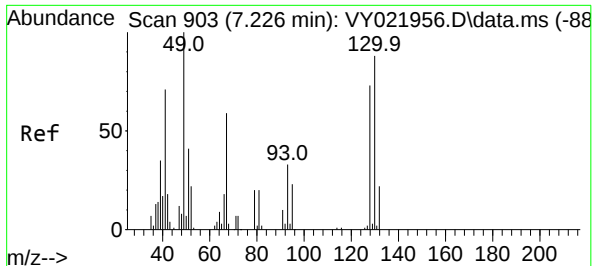
Tgt Ion: 78 Resp: 667899

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

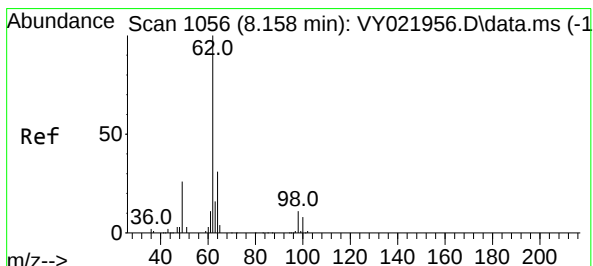
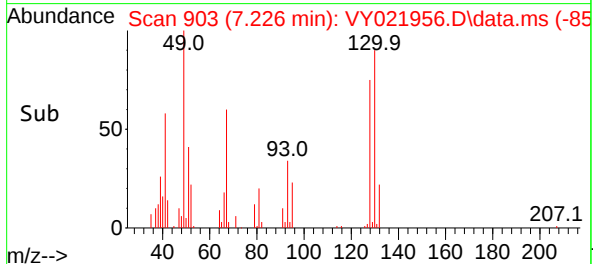
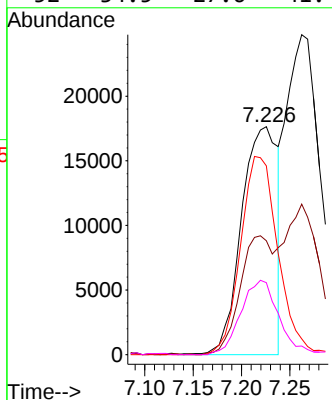
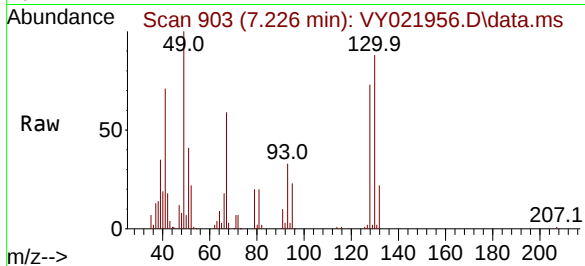




#41
Methacrylonitrile
Concen: 52.696 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

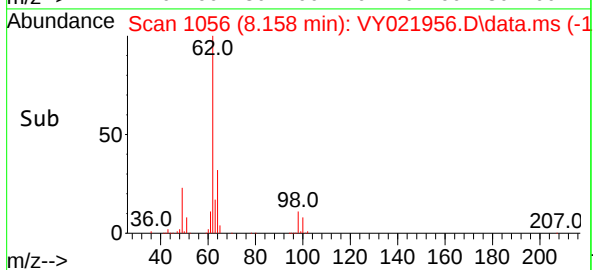
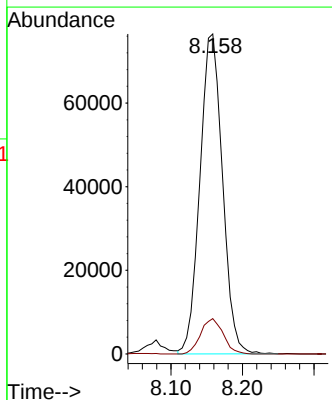
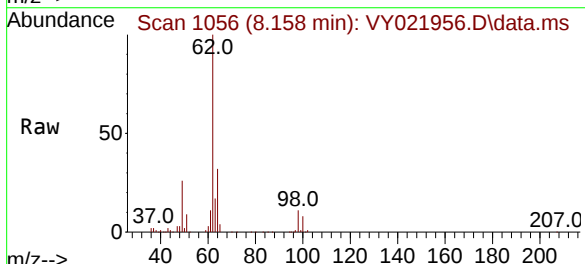
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

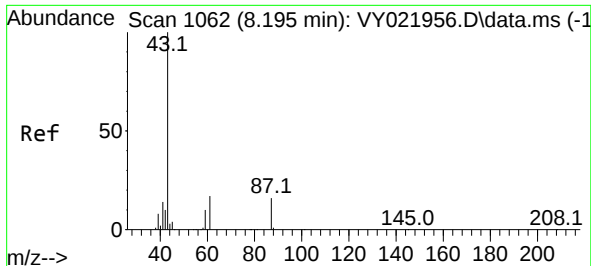
Tgt Ion:	41	Resp:	45898
Ion	Ratio	Lower	Upper
41	100		
39	45.8	36.6	55.0
67	90.3	72.2	108.4
52	34.5	27.6	41.4



#42
1,2-Dichloroethane
Concen: 48.835 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:	62	Resp:	167612
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

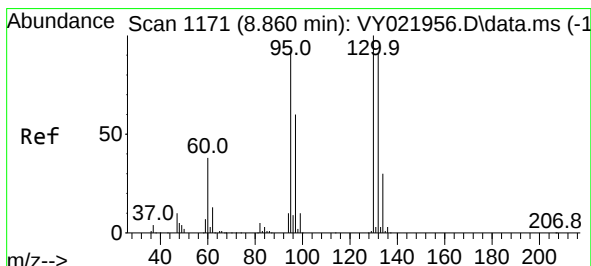
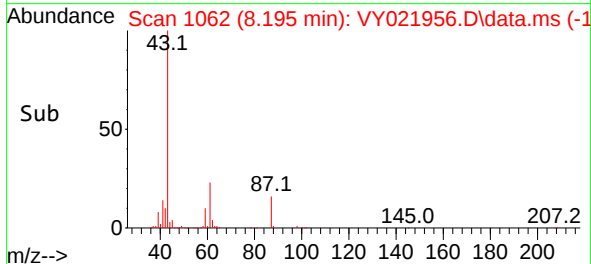
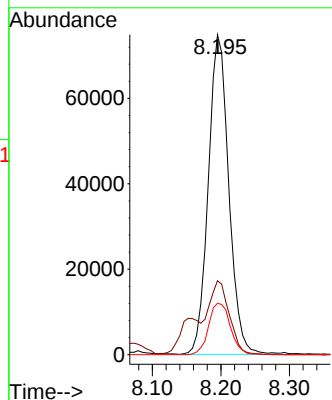
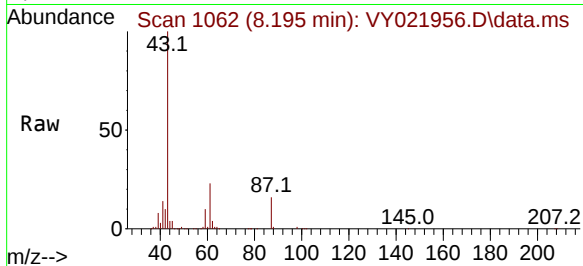




#43
Isopropyl Acetate
Concen: 50.948 ug/l
RT: 8.195 min Scan# 11062
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

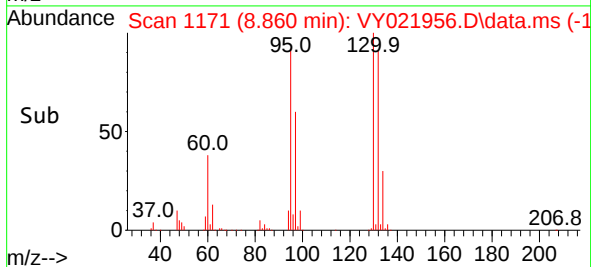
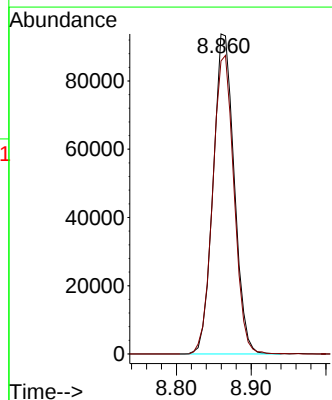
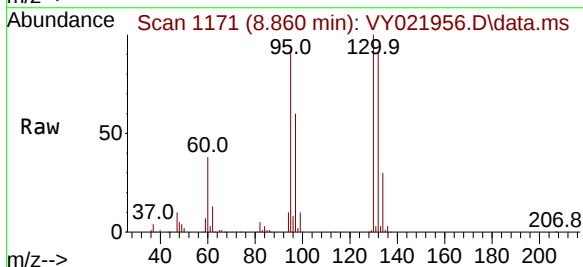
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

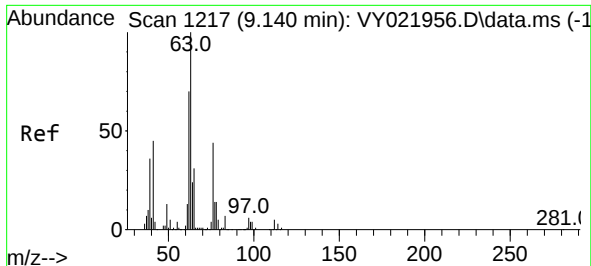
Tgt Ion: 43 Resp: 155835
Ion Ratio Lower Upper
43 100
61 23.6 18.9 28.3
87 17.1 13.7 20.5



#44
Trichloroethene
Concen: 47.744 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 130 Resp: 183327
Ion Ratio Lower Upper
130 100
95 91.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 48.827 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

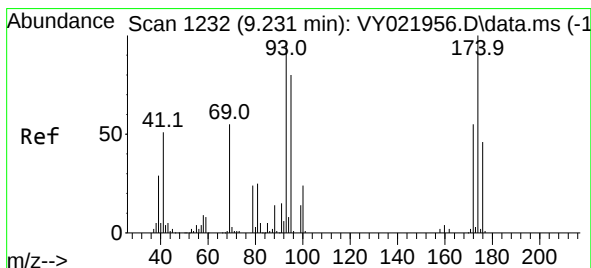
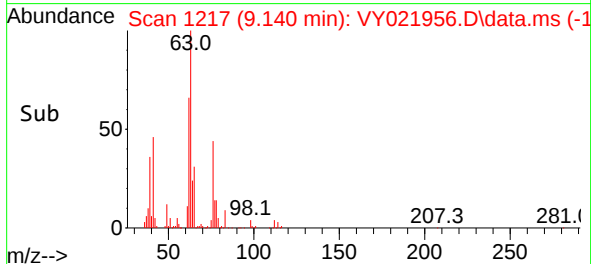
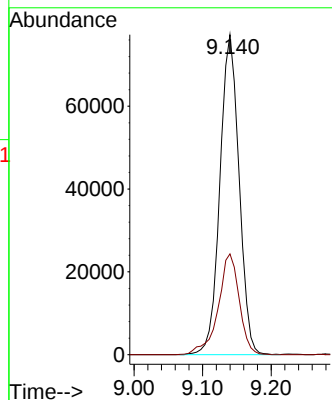
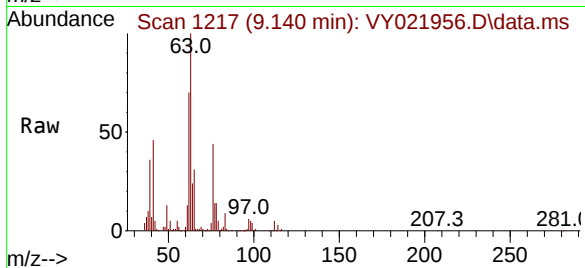
VSTDICCC050

Tgt Ion: 63 Resp: 149687

Ion Ratio Lower Upper

63 100

65 31.5 25.2 37.8



#46

Dibromomethane

Concen: 48.740 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

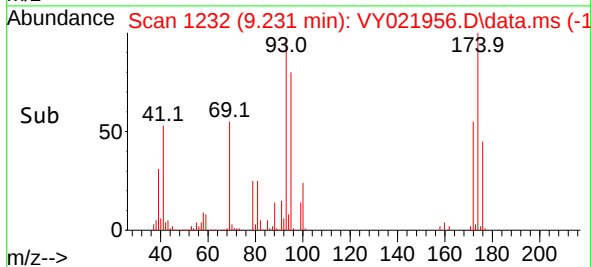
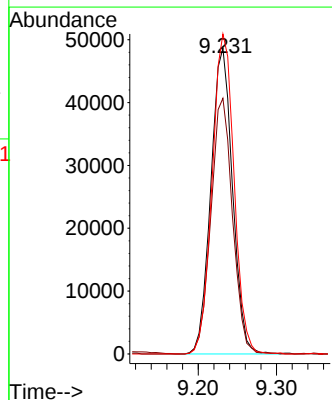
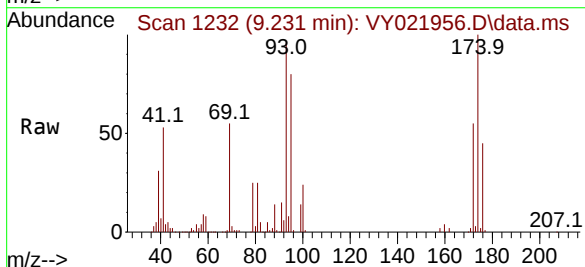
Tgt Ion: 93 Resp: 93536

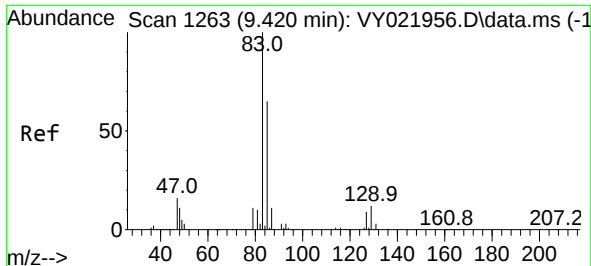
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 105.8 84.6 127.0

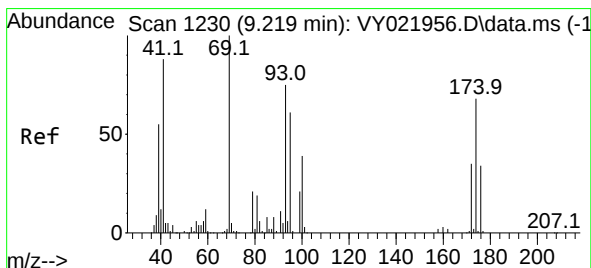
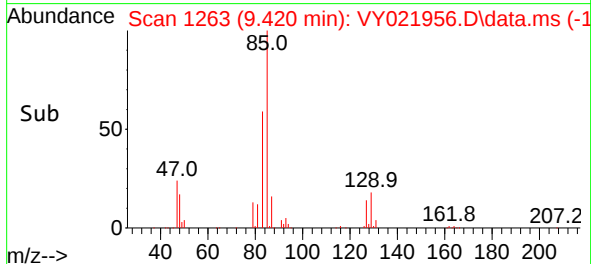
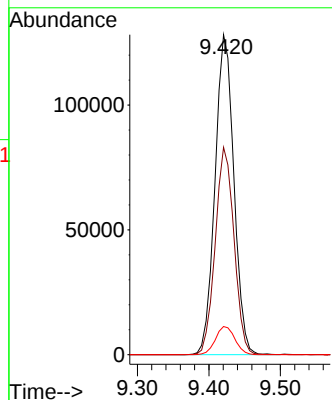
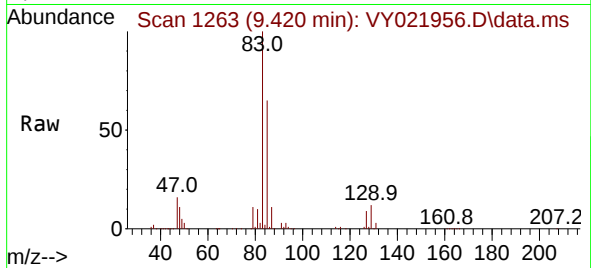




#47
Bromodichloromethane
Concen: 49.010 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

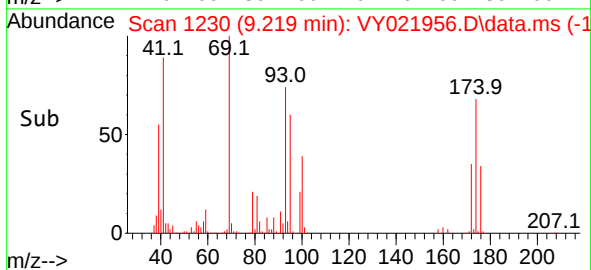
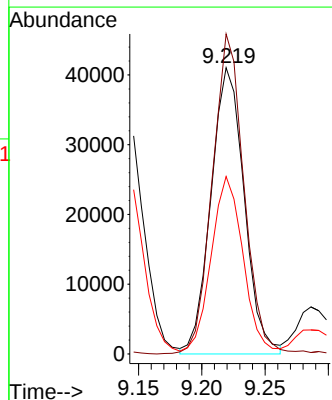
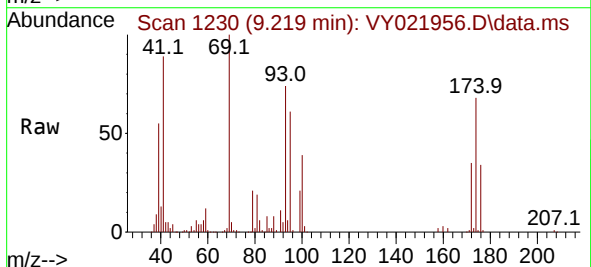
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

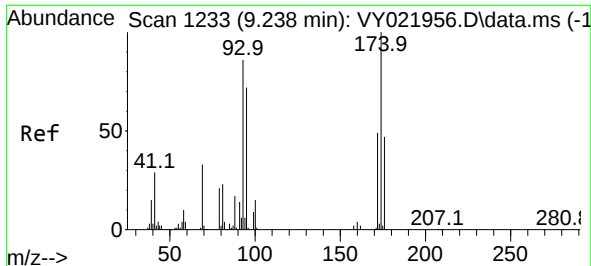
Tgt Ion: 83 Resp: 234964
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 53.082 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 41 Resp: 75057
Ion Ratio Lower Upper
41 100
69 106.9 85.5 128.3
39 57.8 46.2 69.4





#49

1,4-Dioxane

Concen: 992.601 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

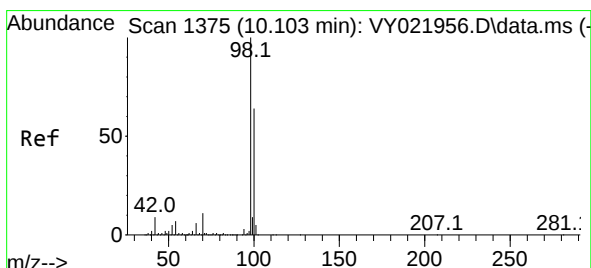
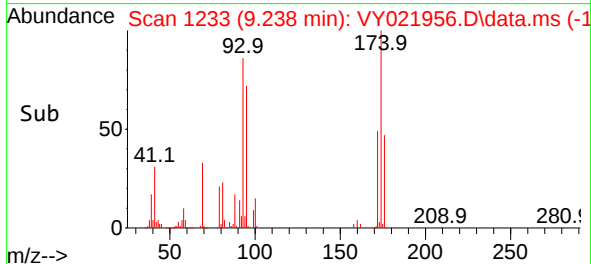
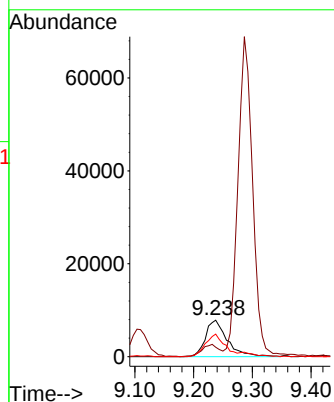
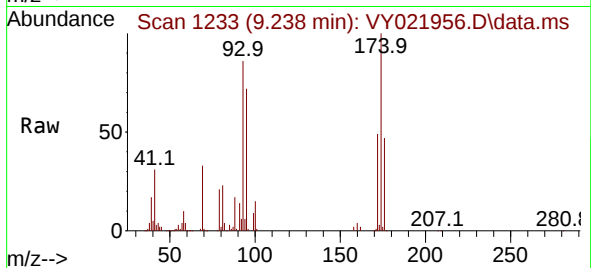
Tgt Ion: 88 Resp: 20303

Ion Ratio Lower Upper

88 100

43 26.6 21.3 31.9

58 63.1 50.5 75.7



#50

Toluene-d8

Concen: 51.241 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021956.D

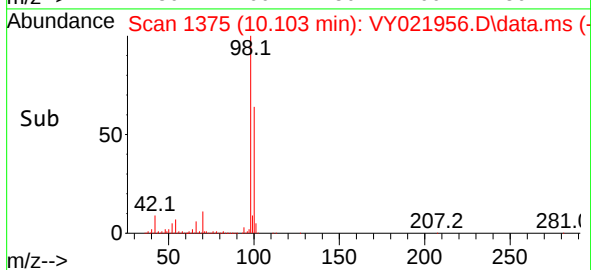
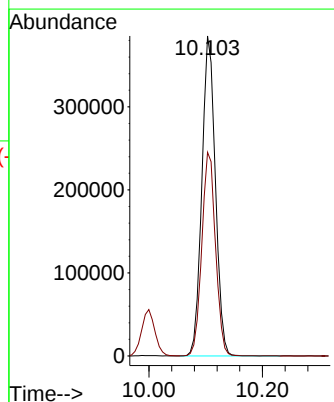
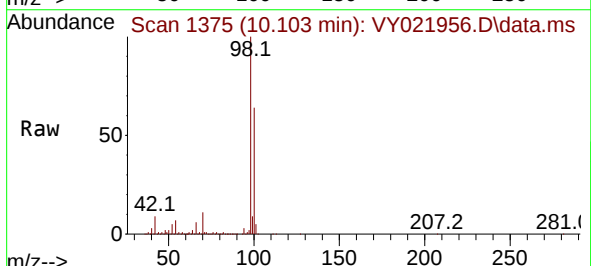
Acq: 22 Apr 2025 15:29

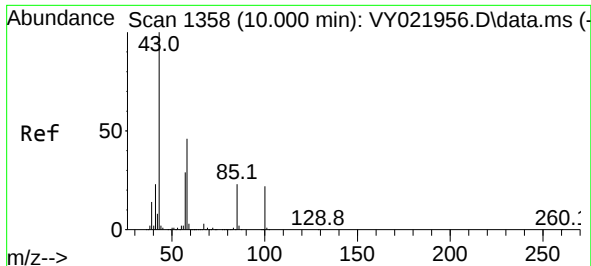
Tgt Ion: 98 Resp: 637767

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

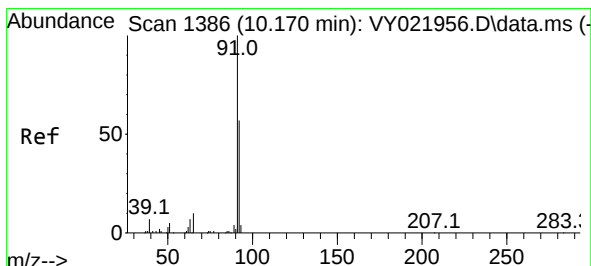
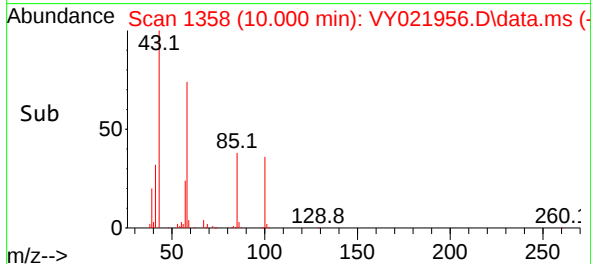
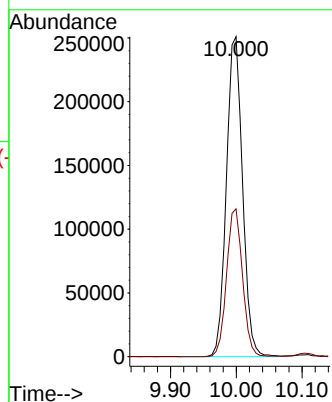
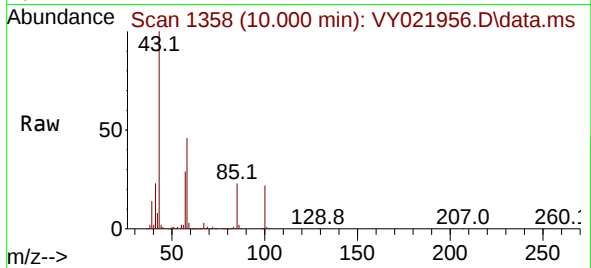




#51
4-Methyl-2-Pentanone
Concen: 267.326 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

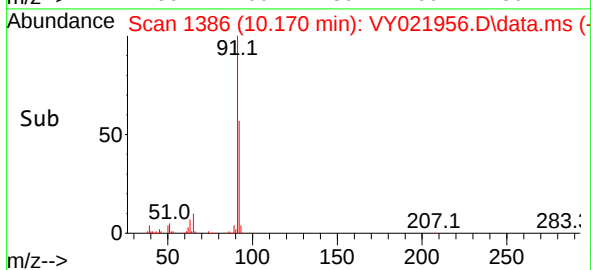
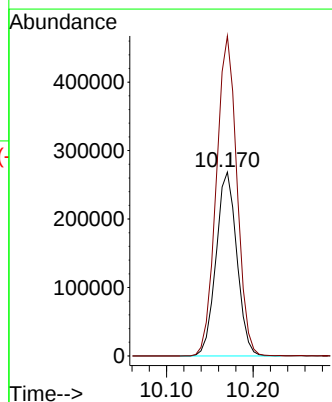
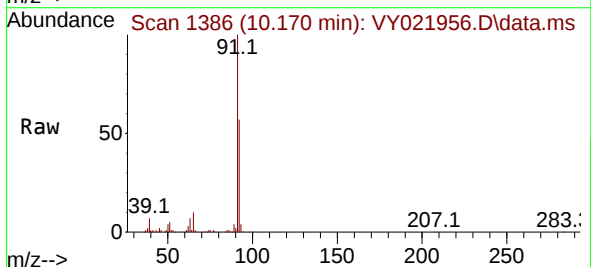
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

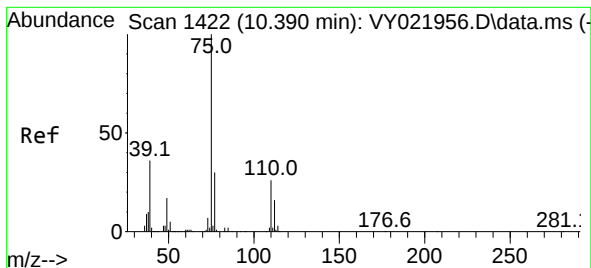
Tgt Ion: 43 Resp: 428635
Ion Ratio Lower Upper
43 100
58 45.8 36.6 55.0



#52
Toluene
Concen: 49.760 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 92 Resp: 446525
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8

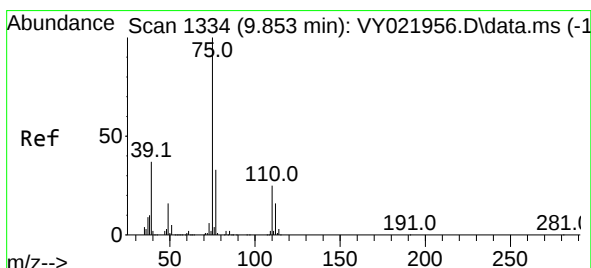
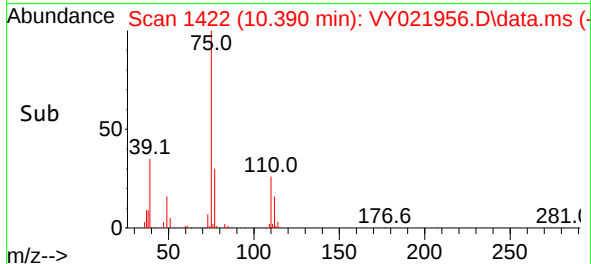
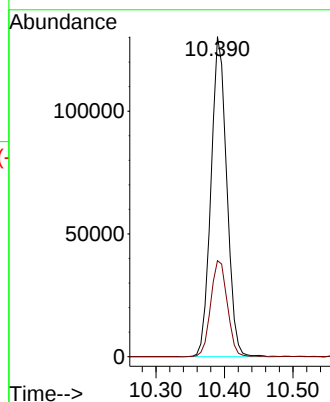
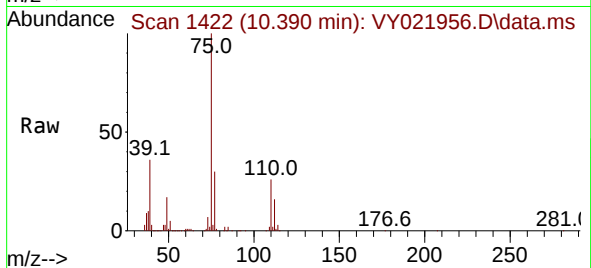




#53
 t-1,3-Dichloropropene
 Concen: 50.698 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

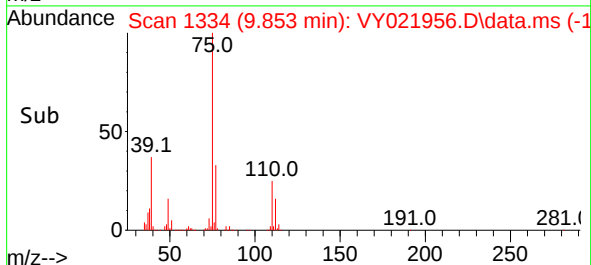
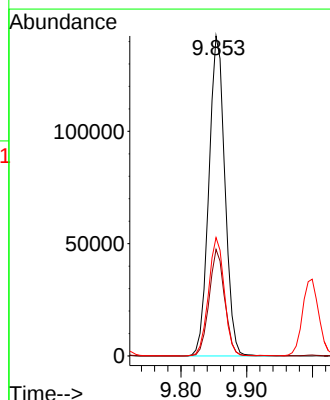
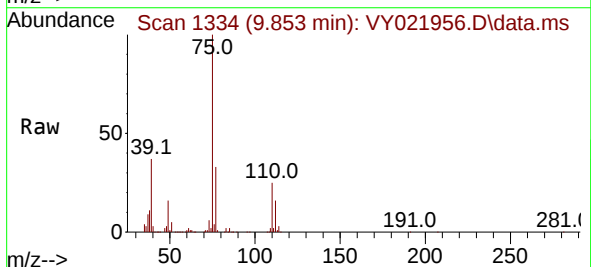
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

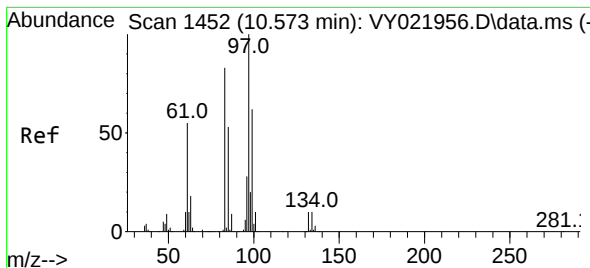
Tgt Ion: 75 Resp: 208479
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.432 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 241637
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.6 40.0
 39 37.0 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 49.965 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 128082

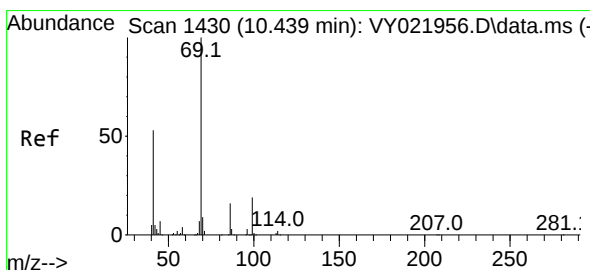
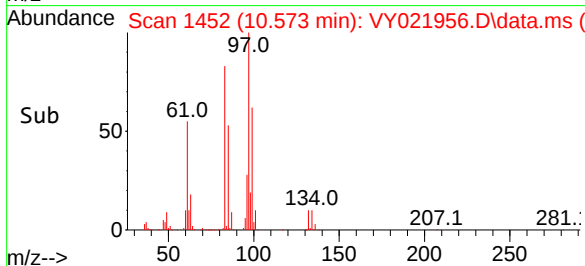
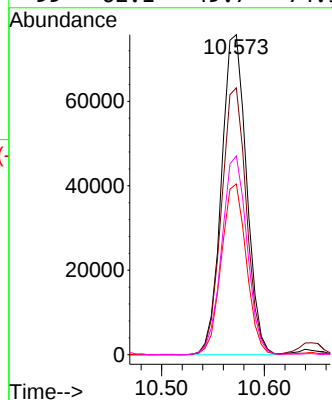
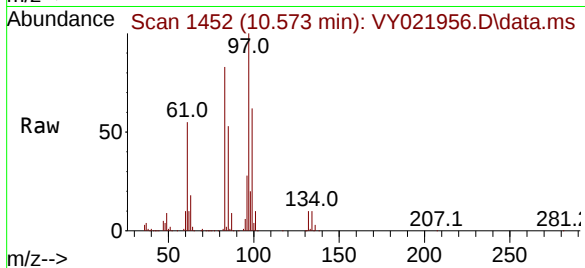
Ion Ratio Lower Upper

97 100

83 83.4 66.7 100.1

85 53.3 42.6 64.0

99 62.1 49.7 74.5



#56

Ethyl methacrylate

Concen: 53.893 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

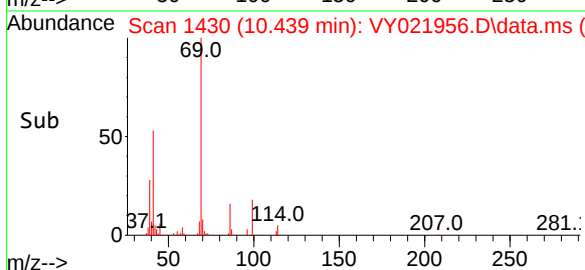
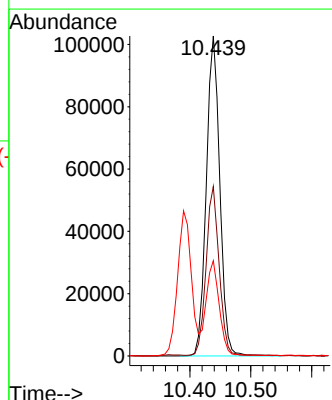
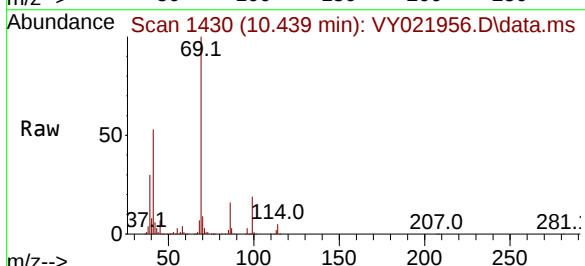
Tgt Ion: 69 Resp: 157986

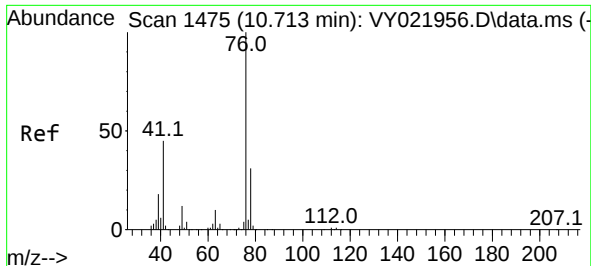
Ion Ratio Lower Upper

69 100

41 50.9 40.7 61.1

39 29.1 23.3 34.9





#57

1,3-Dichloropropane

Concen: 49.688 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

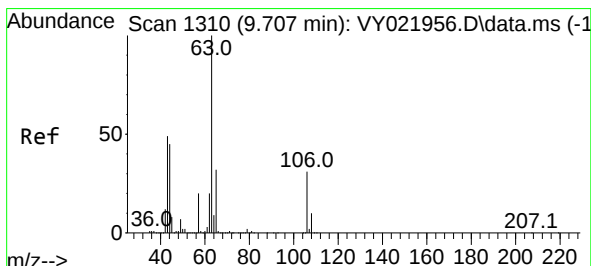
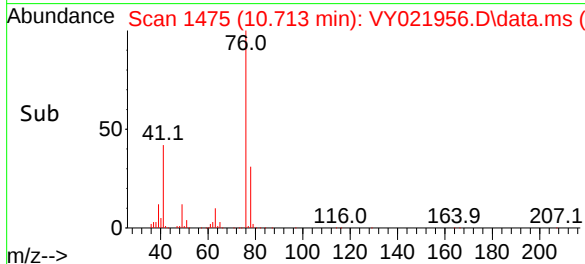
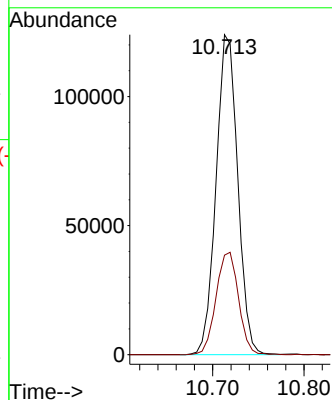
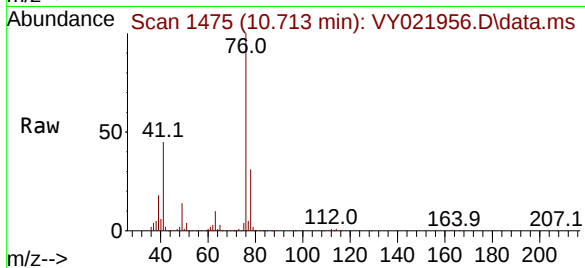
VSTDICCC050

Tgt Ion: 76 Resp: 204196

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 279.797 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY021956.D

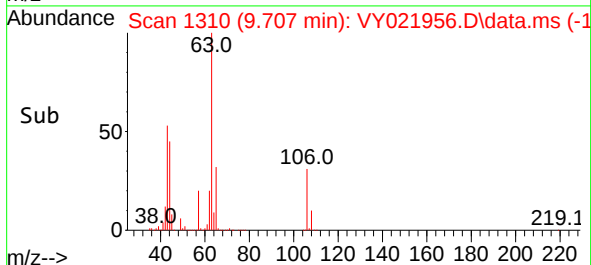
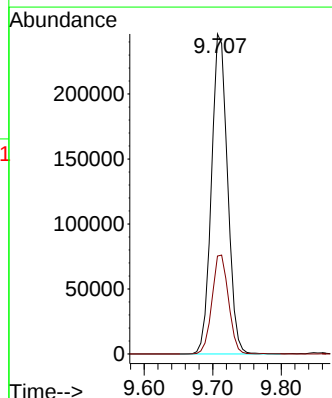
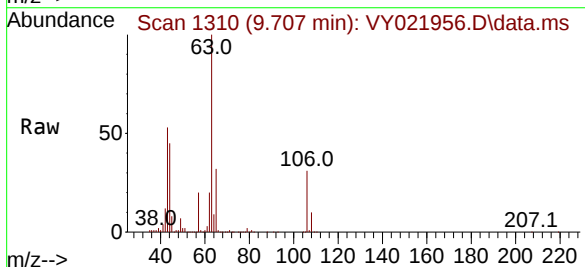
Acq: 22 Apr 2025 15:29

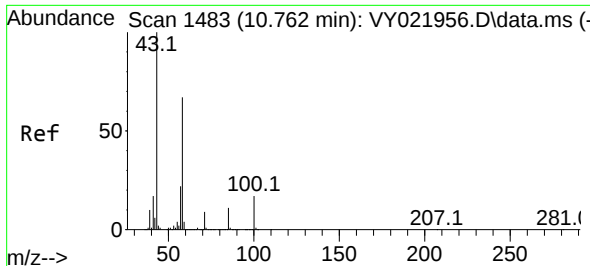
Tgt Ion: 63 Resp: 401030

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9

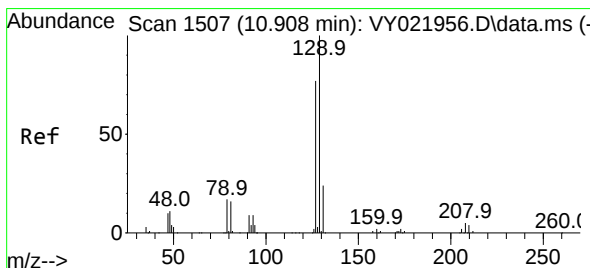
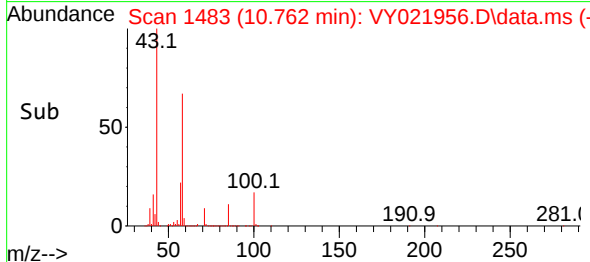
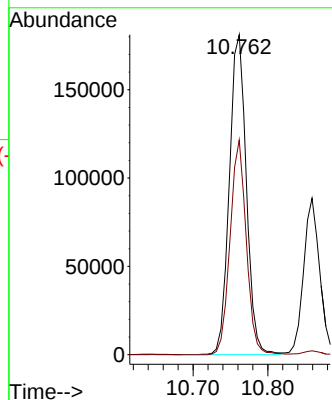
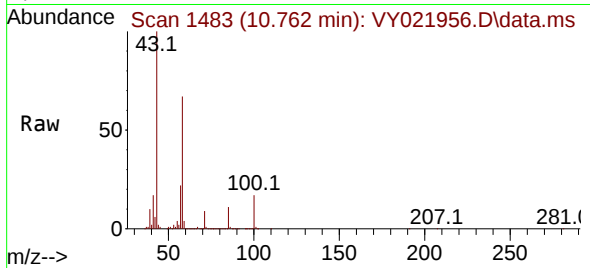




#59
2-Hexanone
Concen: 271.141 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

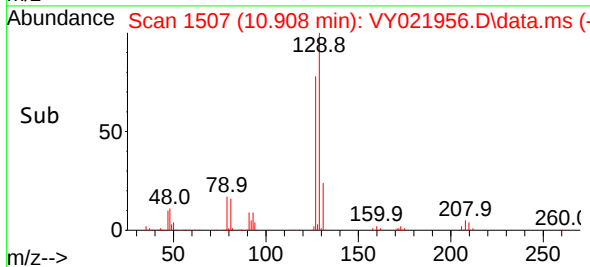
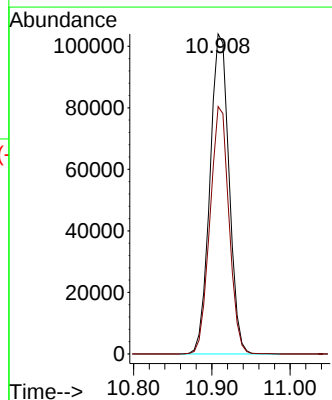
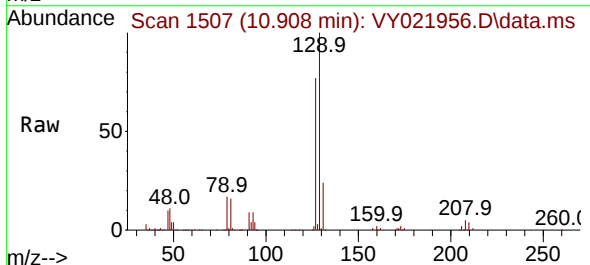
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

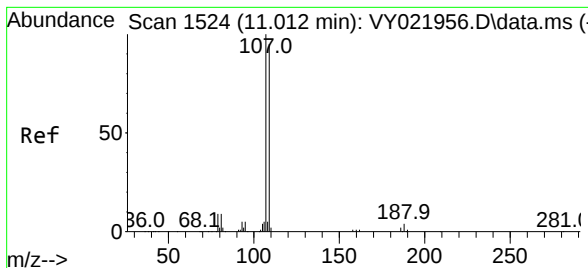
Tgt Ion: 43 Resp: 286755
Ion Ratio Lower Upper
43 100
58 64.0 32.0 96.0



#60
Dibromochloromethane
Concen: 49.624 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:129 Resp: 176120
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

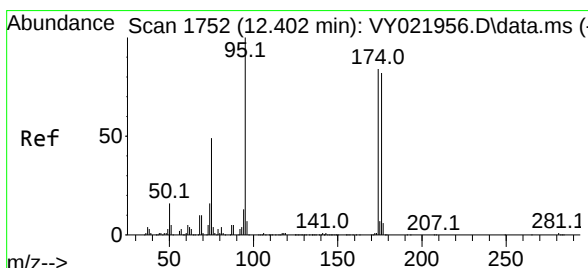
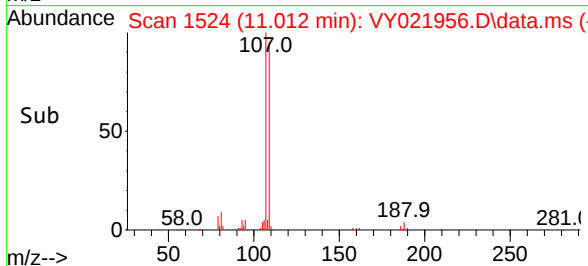
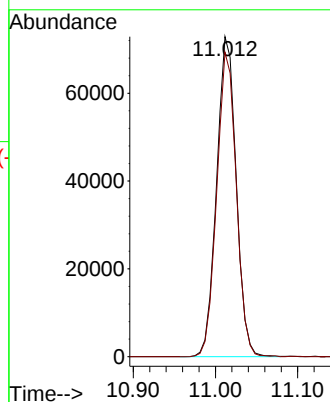
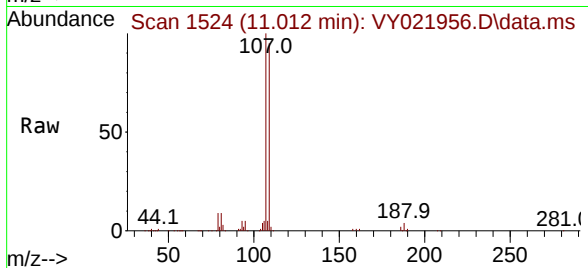




#61
1,2-Dibromoethane
Concen: 49.835 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

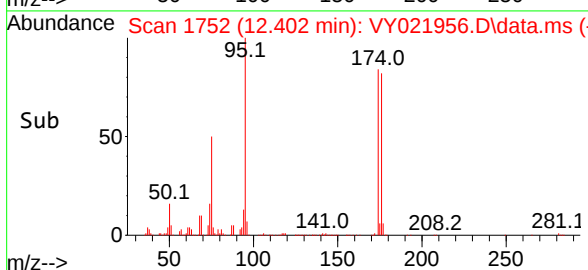
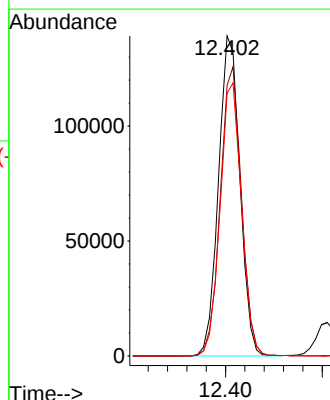
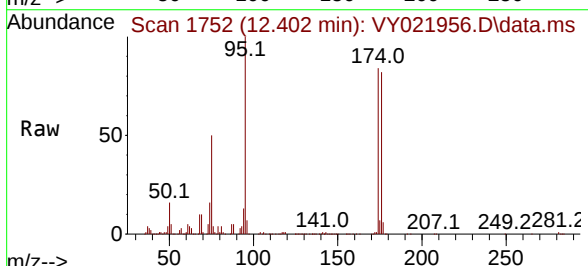
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

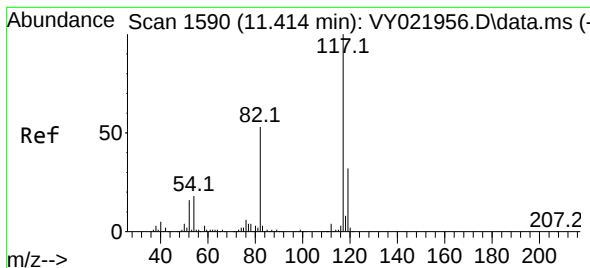
Tgt Ion:107 Resp: 120604
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.820 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 95 Resp: 212936
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.0
176 85.9 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

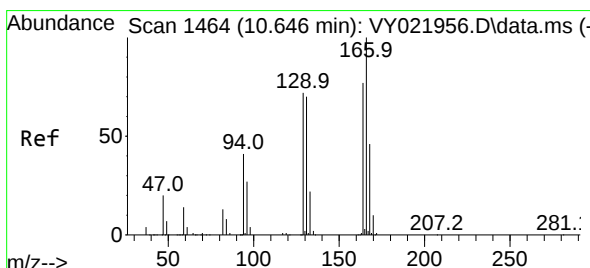
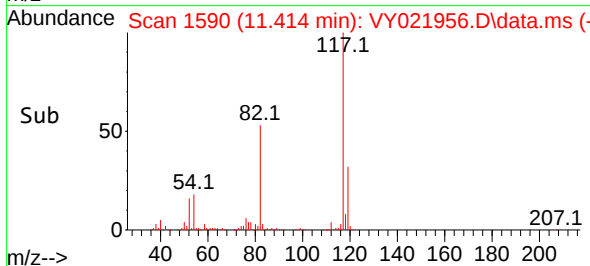
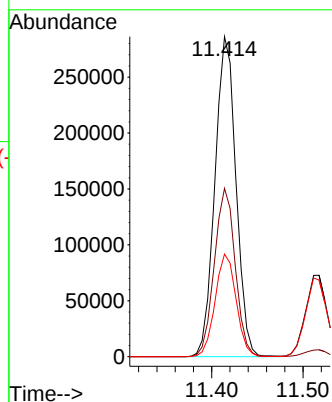
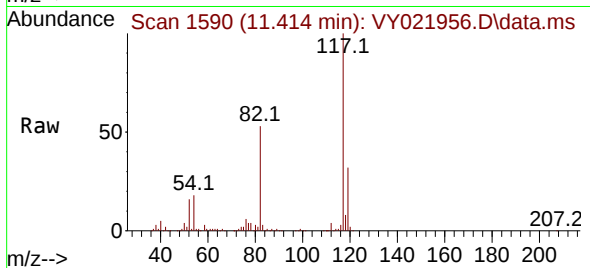
Tgt Ion:117 Resp: 458508

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 48.263 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Tgt Ion:164 Resp: 208756

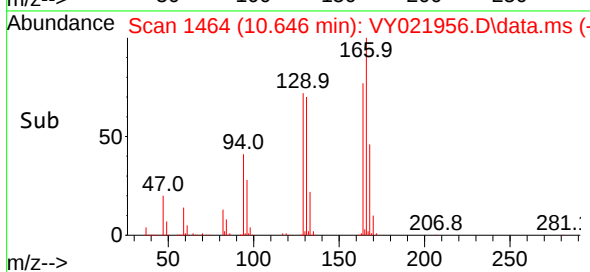
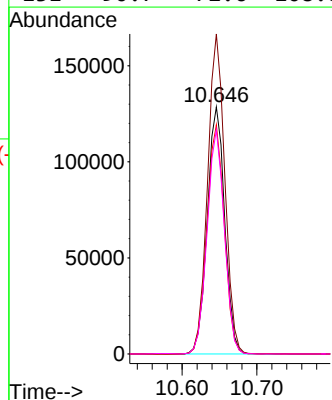
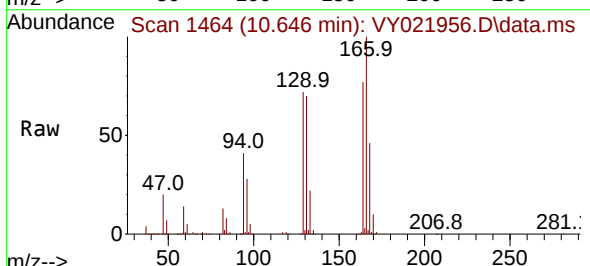
Ion Ratio Lower Upper

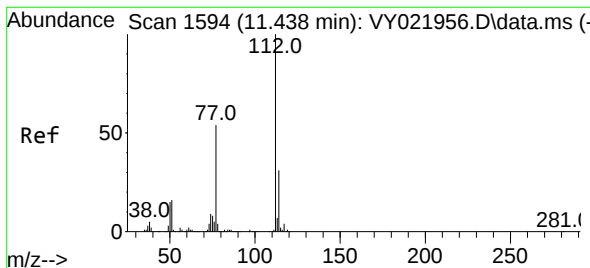
164 100

166 129.5 103.6 155.4

129 92.8 74.2 111.4

131 90.7 72.6 108.8





#65

Chlorobenzene

Concen: 48.437 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

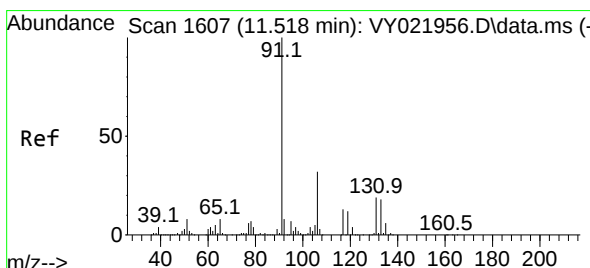
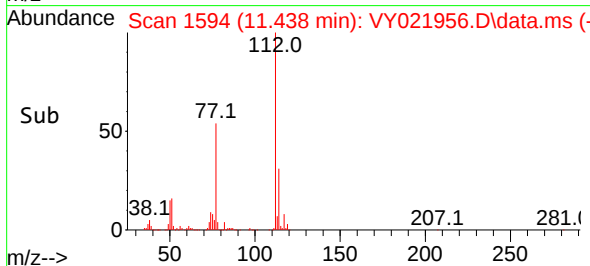
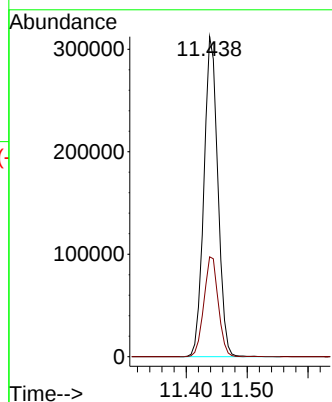
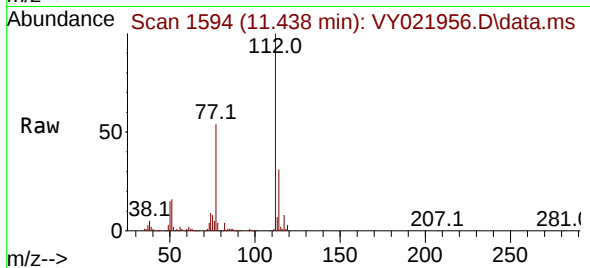
VSTDICCC050

Tgt Ion:112 Resp: 496647

Ion Ratio Lower Upper

112 100

114 31.2 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.075 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

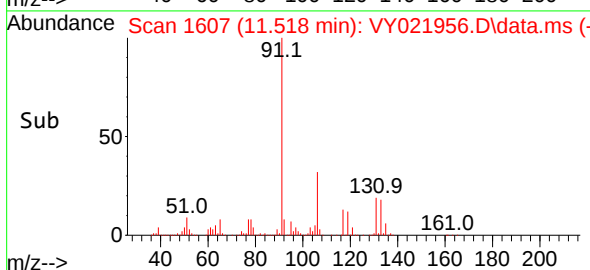
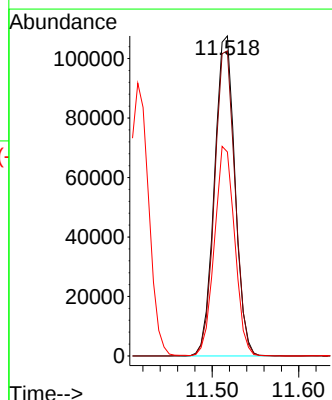
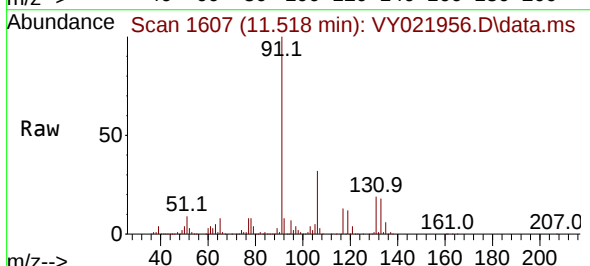
Tgt Ion:131 Resp: 177151

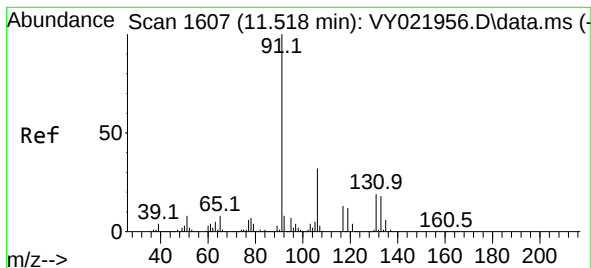
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 64.7 32.4 97.0

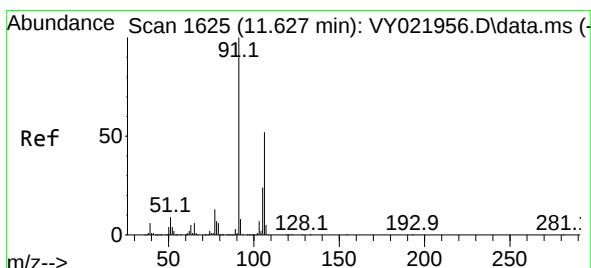
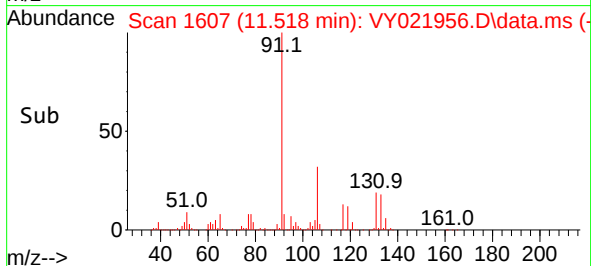
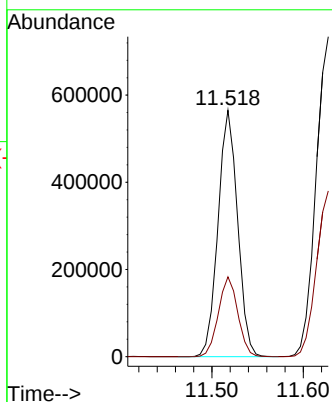
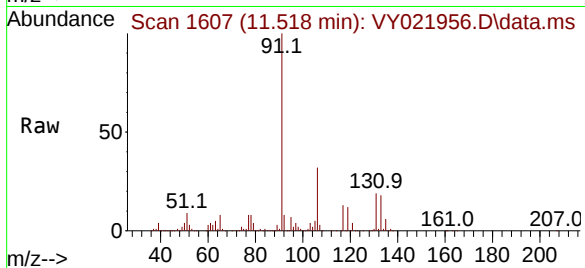




#67
Ethyl Benzene
Concen: 50.163 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

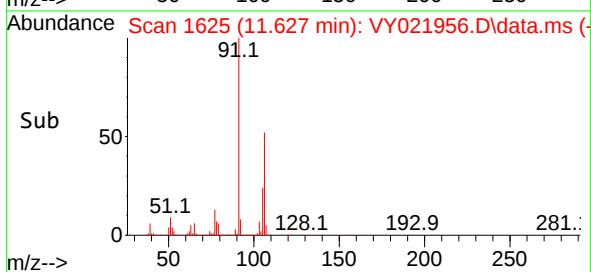
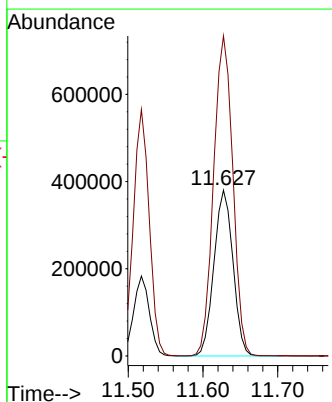
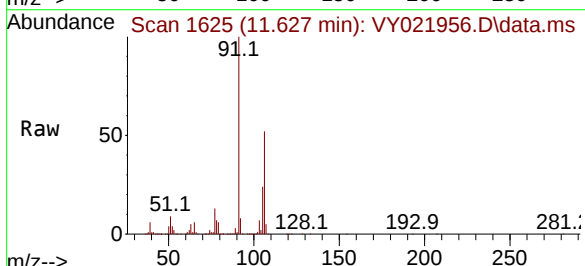
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

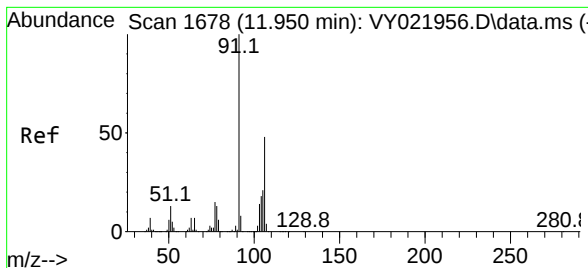
Tgt Ion: 91 Resp: 841384
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9



#68
m/p-Xylenes
Concen: 100.858 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 106 Resp: 673159
Ion Ratio Lower Upper
106 100
91 195.2 156.2 234.2

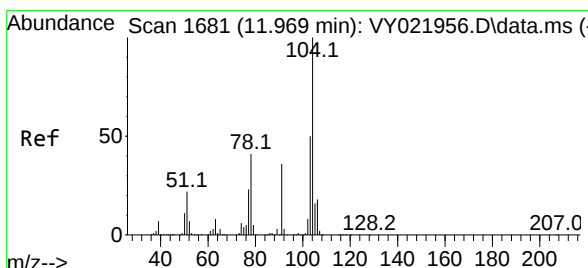
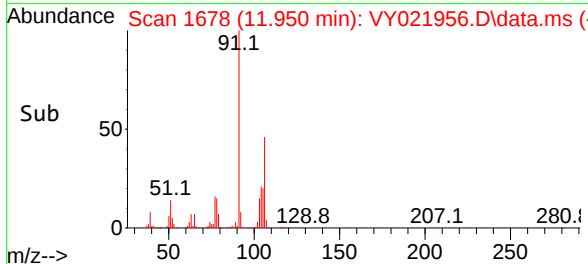
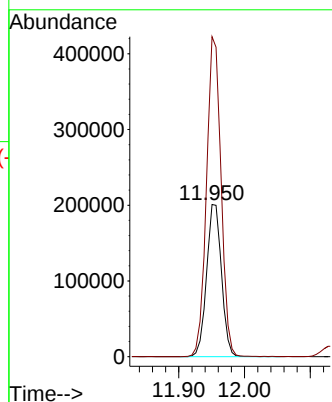
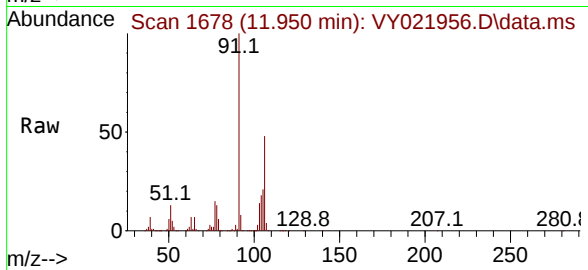




#69
o-Xylene
Concen: 51.325 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

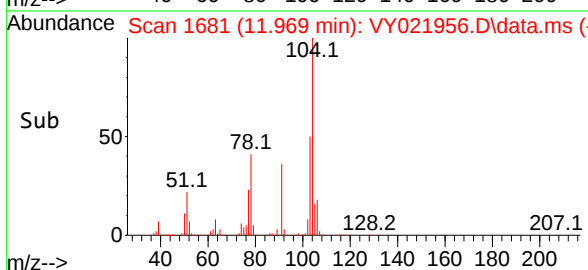
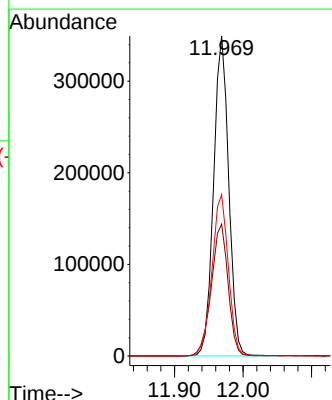
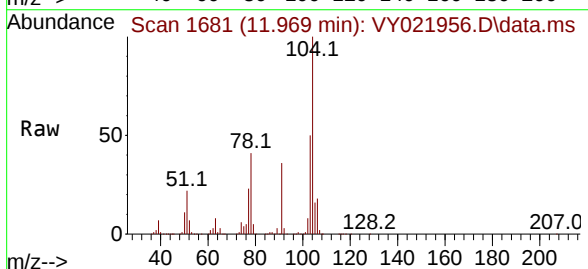
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

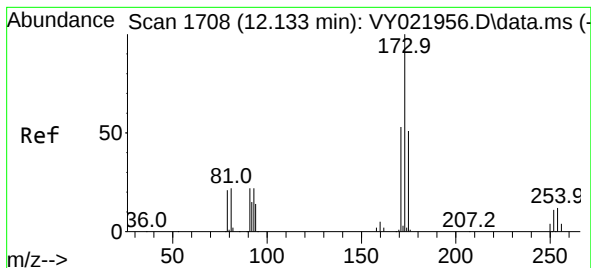
Tgt Ion:106 Resp: 315731
Ion Ratio Lower Upper
106 100
91 205.9 103.0 308.9



#70
Styrene
Concen: 51.890 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:104 Resp: 535957
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 54.8 43.8 65.8





#71

Bromoform

Concen: 50.110 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

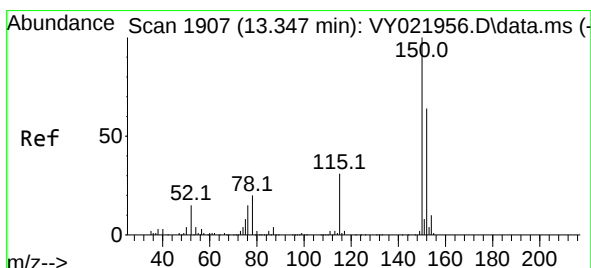
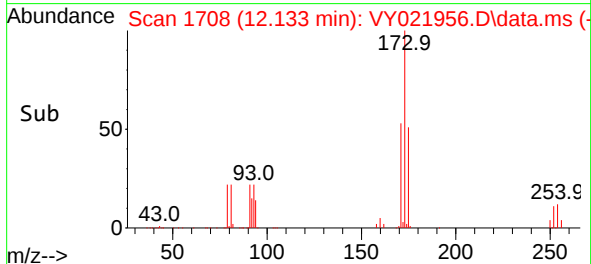
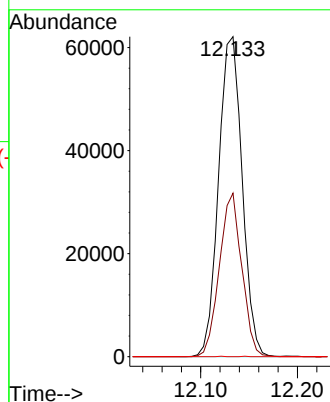
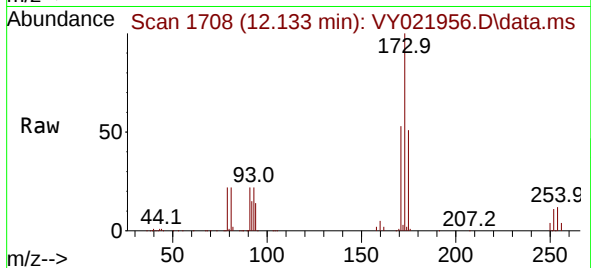
Tgt Ion:173 Resp: 105166

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

254 0.0 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: VY021956.D

Acq: 22 Apr 2025 15:29

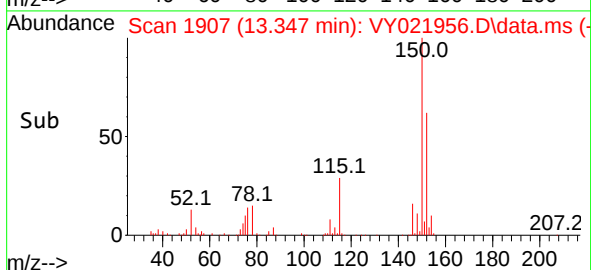
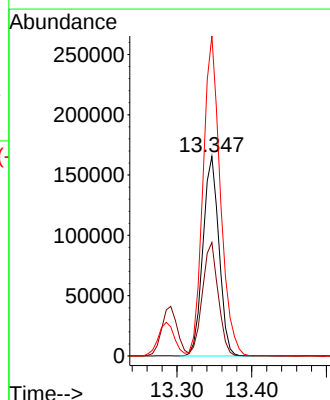
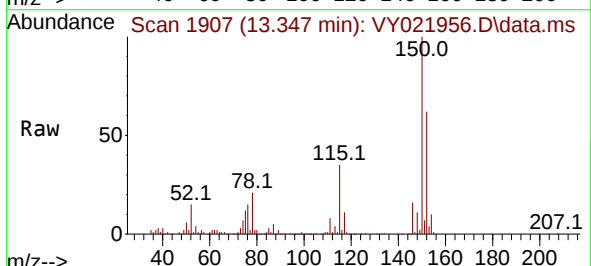
Tgt Ion:152 Resp: 245926

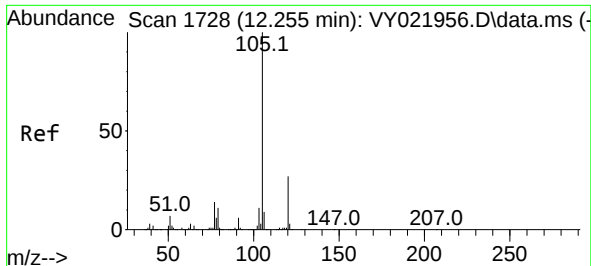
Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 172.8 0.0 345.6

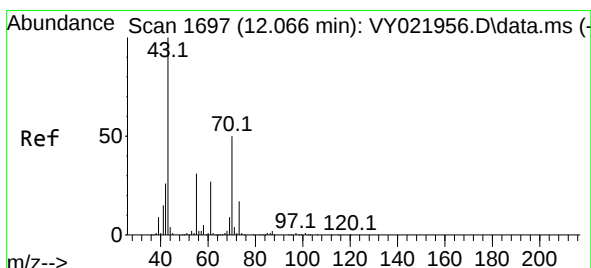
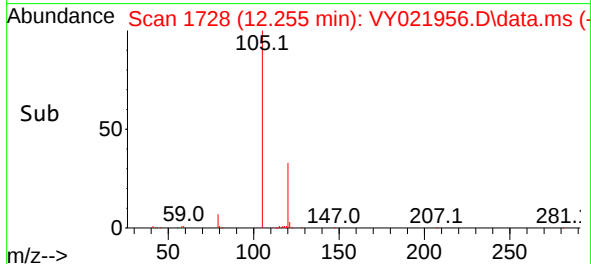
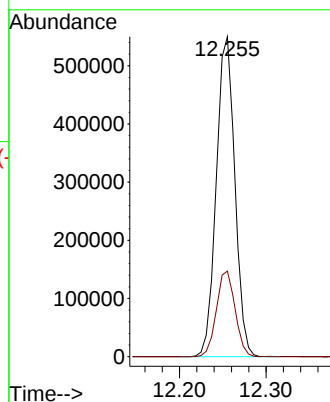
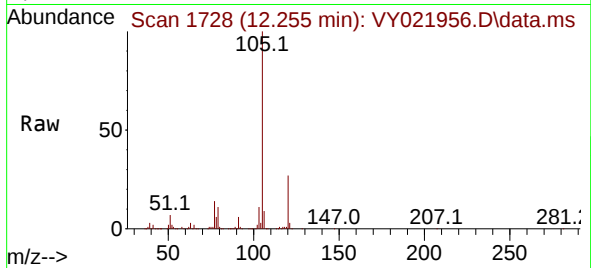




#73
Isopropylbenzene
Concen: 49.770 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

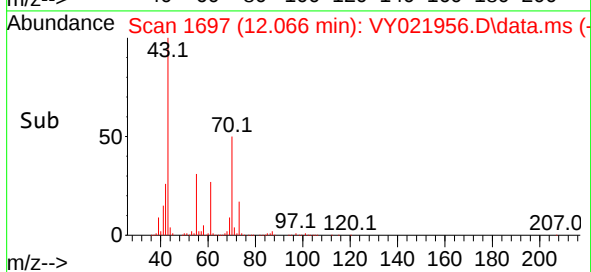
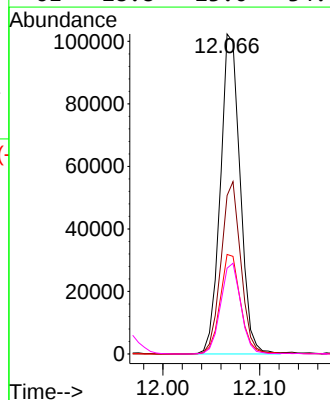
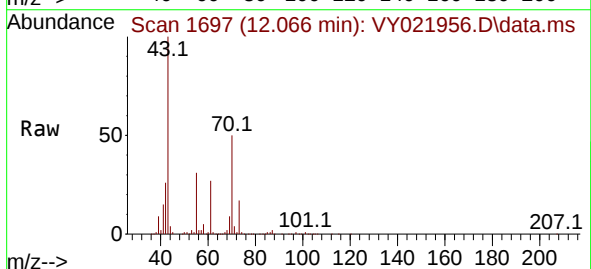
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

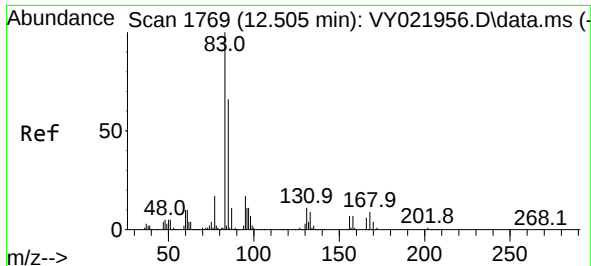
Tgt Ion:105 Resp: 817740
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5



#74
N-ethyl acetate
Concen: 51.512 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 145415
Ion Ratio Lower Upper
43 100
70 54.0 43.2 64.8
55 32.1 25.7 38.5
61 28.8 23.0 34.6

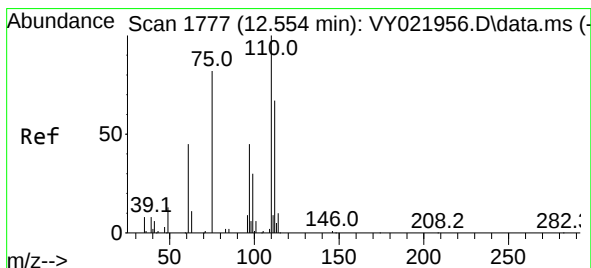
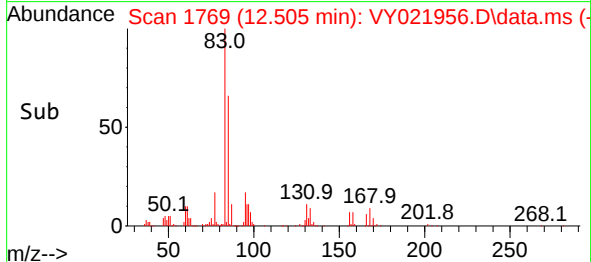
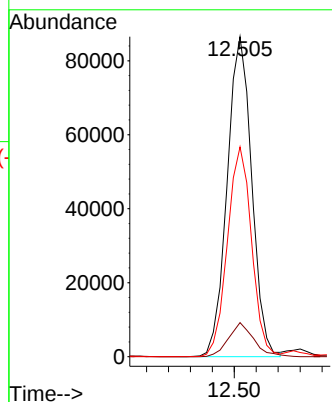
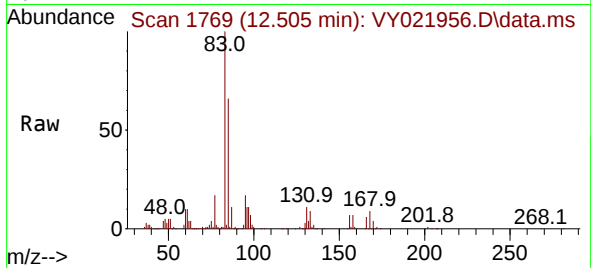




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.682 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

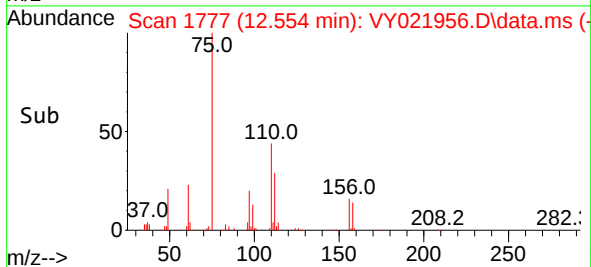
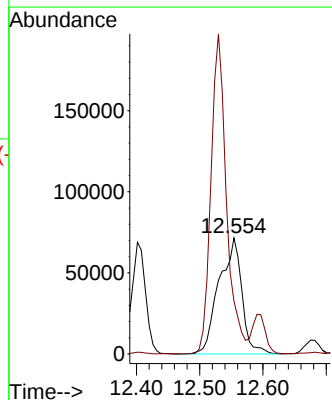
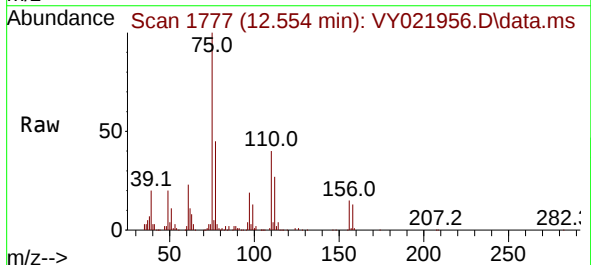
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

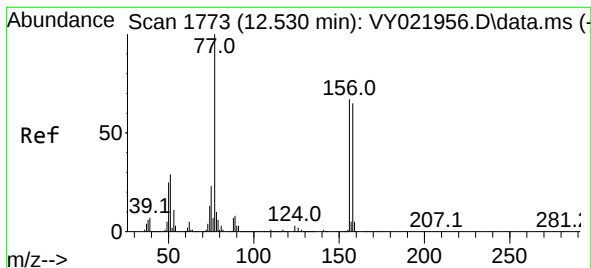
Tgt Ion: 83 Resp: 134856
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.5 16.4
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 82.900 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 179642
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.021 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

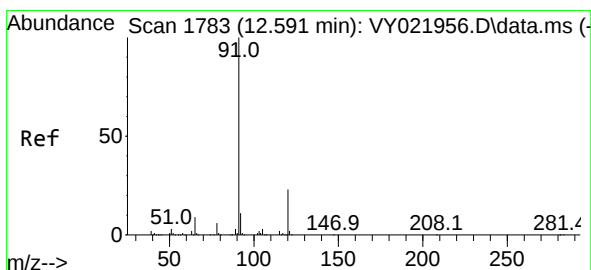
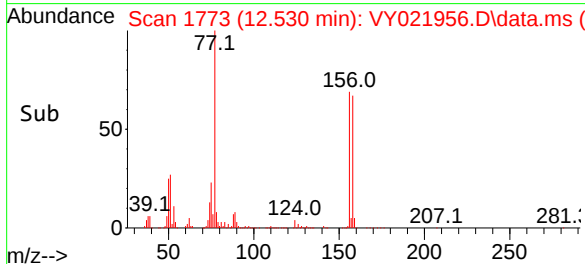
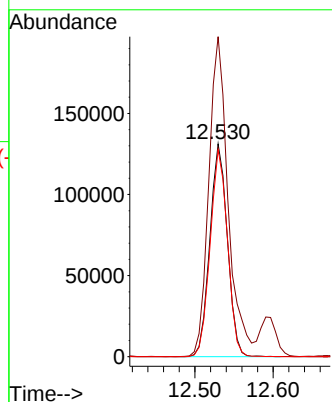
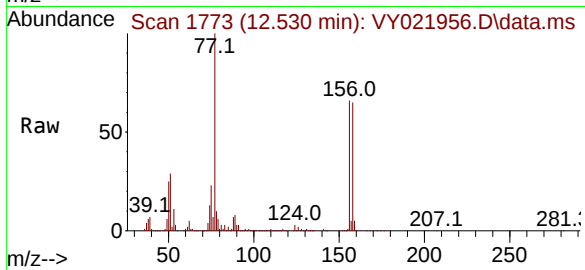
Tgt Ion:156 Resp: 203522

Ion Ratio Lower Upper

156 100

77 165.4 82.7 248.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 49.981 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY021956.D

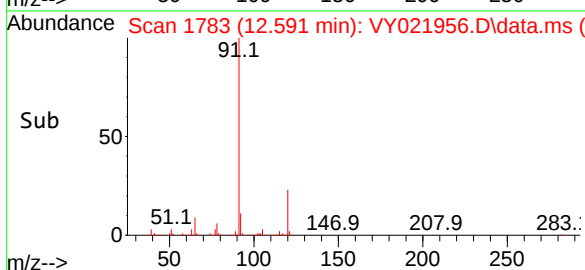
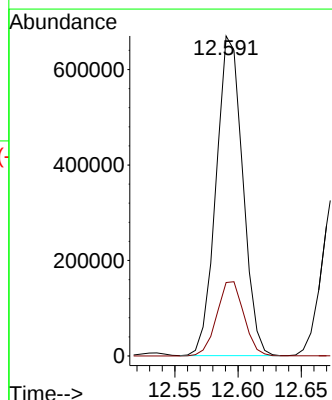
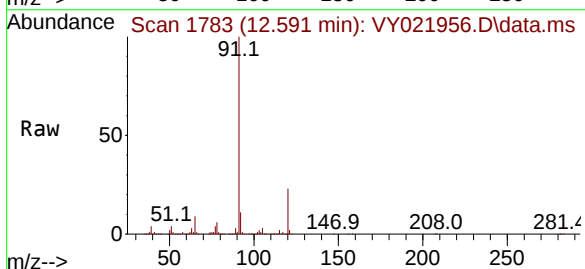
Acq: 22 Apr 2025 15:29

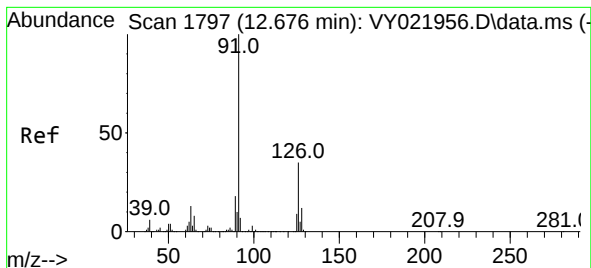
Tgt Ion: 91 Resp: 977958

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5

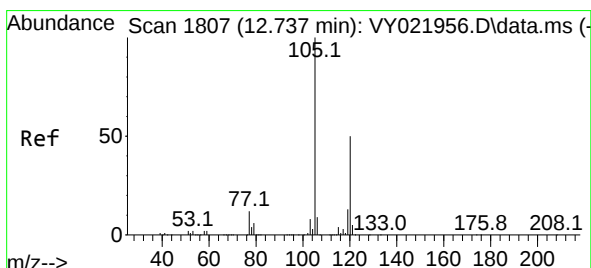
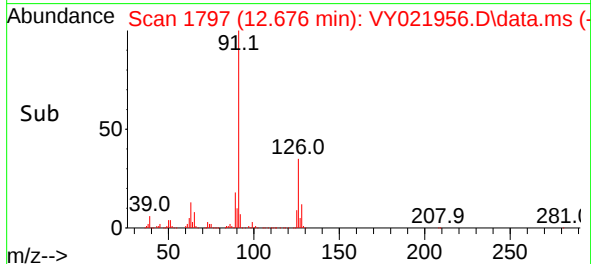
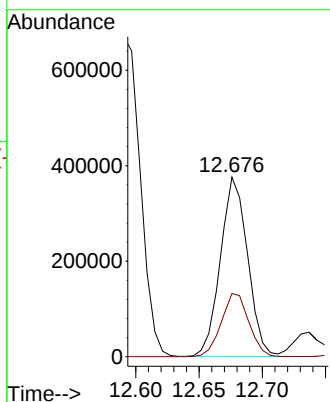
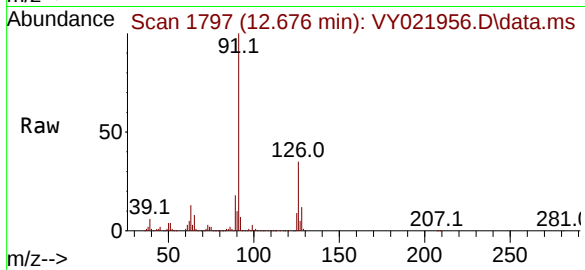




#79
2-Chlorotoluene
Concen: 49.283 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

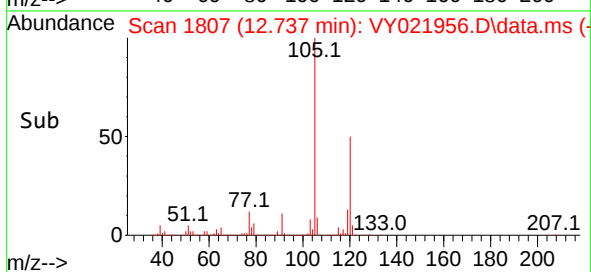
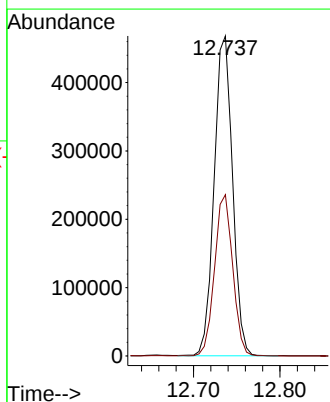
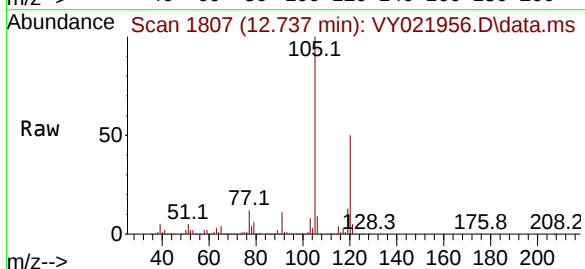
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

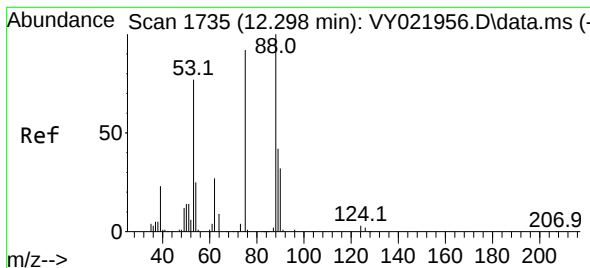
Tgt Ion: 91 Resp: 560805
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 50.863 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 105 Resp: 688578
Ion Ratio Lower Upper
105 100
120 50.0 25.0 75.0

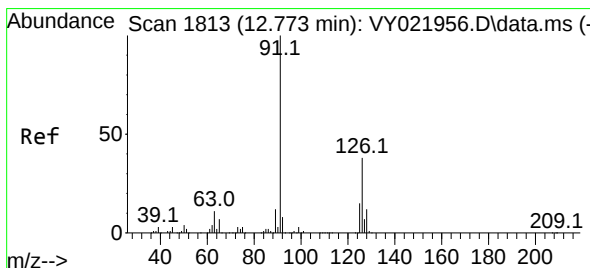
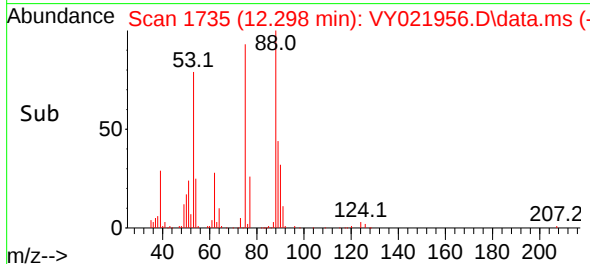
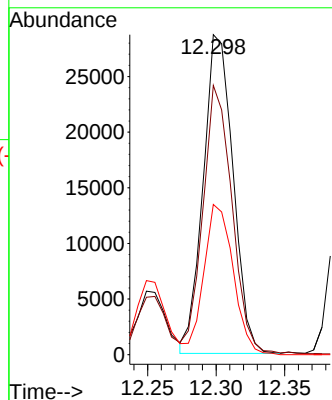
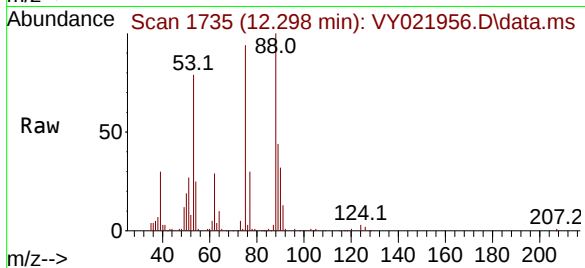




#81
trans-1,4-Dichloro-2-butene
Concen: 49.698 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

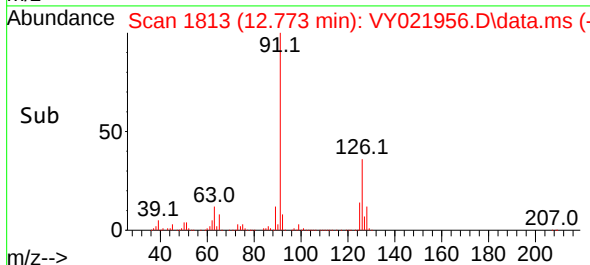
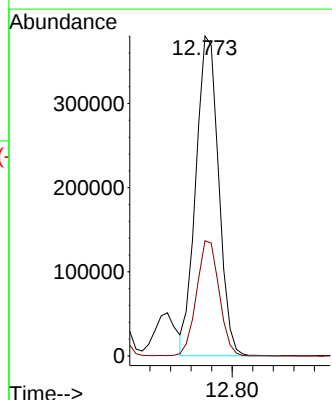
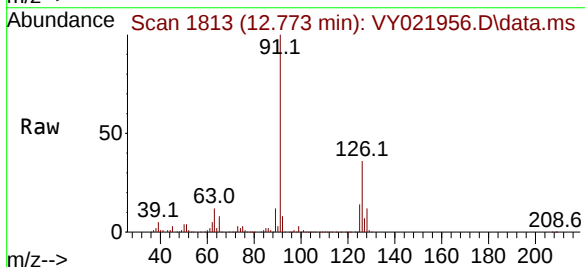
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

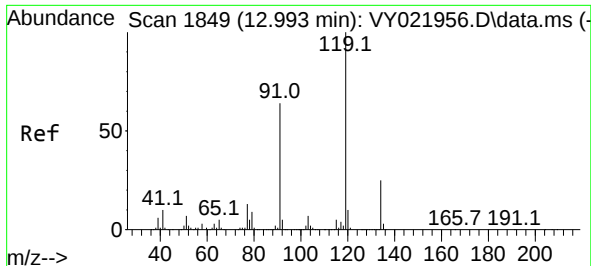
Tgt Ion: 75 Resp: 43472
Ion Ratio Lower Upper
75 100
53 82.5 66.0 99.0
89 46.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.478 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 91 Resp: 585277
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8

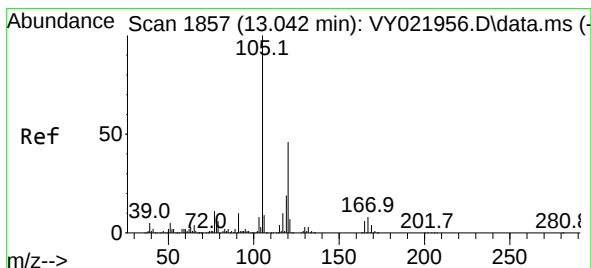
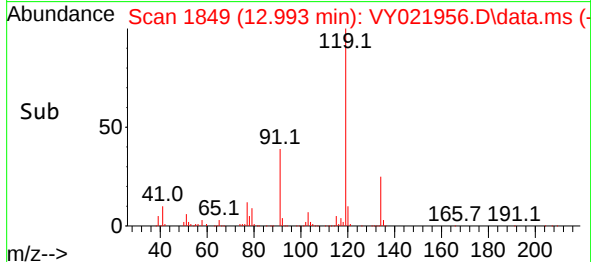
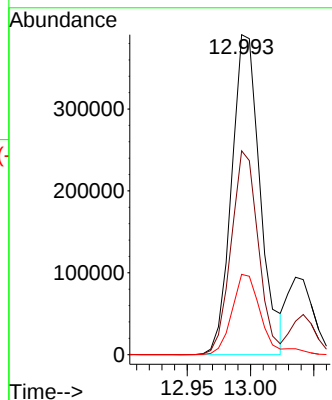
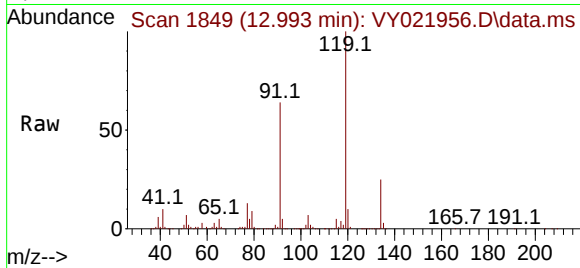




#83
 tert-Butylbenzene
 Concen: 50.513 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

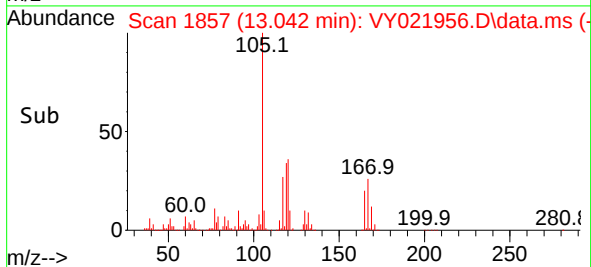
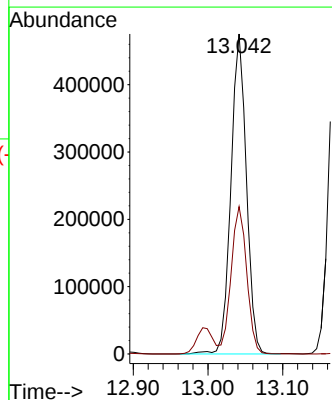
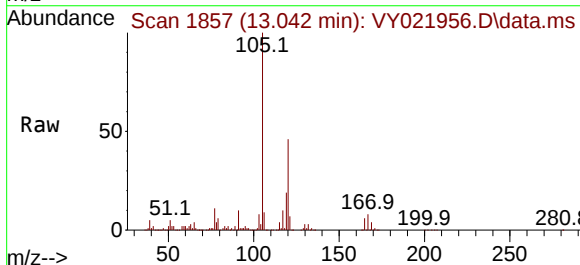
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

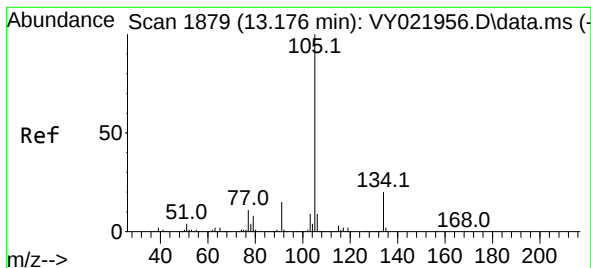
Tgt Ion:119 Resp: 613293
 Ion Ratio Lower Upper
 119 100
 91 60.6 30.3 90.9
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.560 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021956.D
 Acq: 22 Apr 2025 15:29

Tgt Ion:105 Resp: 684634
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 49.857 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

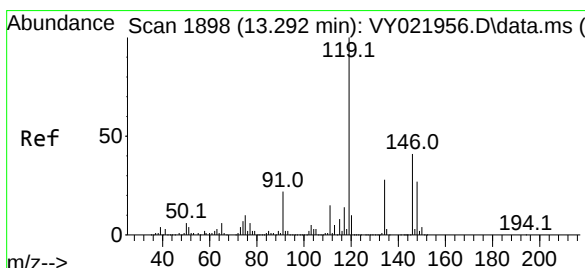
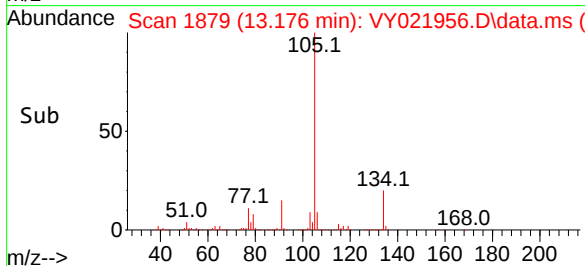
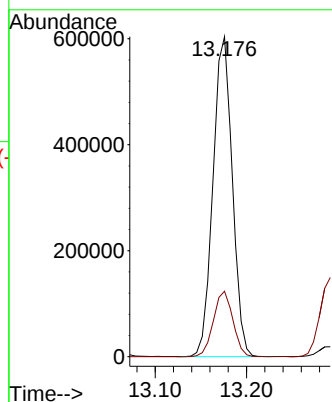
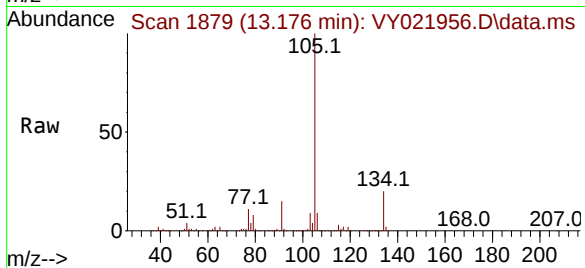
VSTDICCC050

Tgt Ion:105 Resp: 885790

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 50.431 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

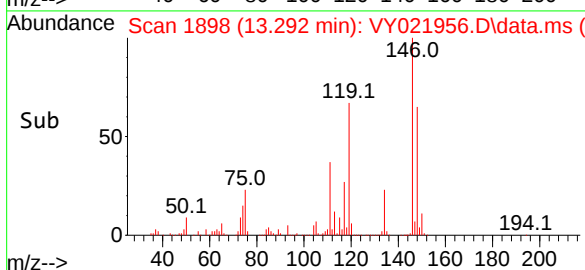
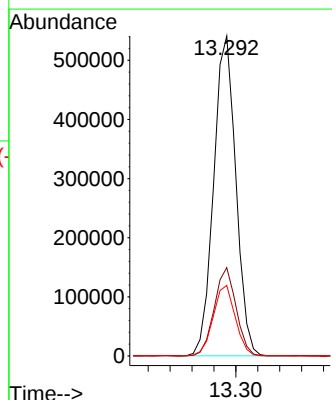
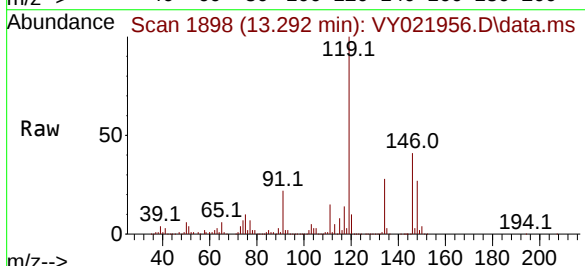
Tgt Ion:119 Resp: 760829

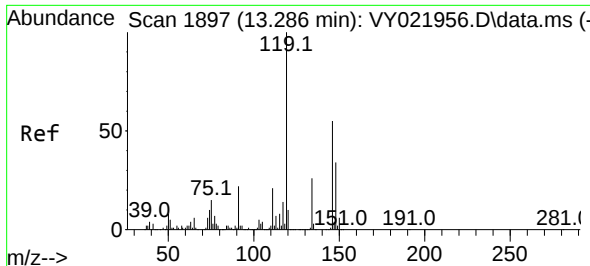
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.0 11.0 33.0

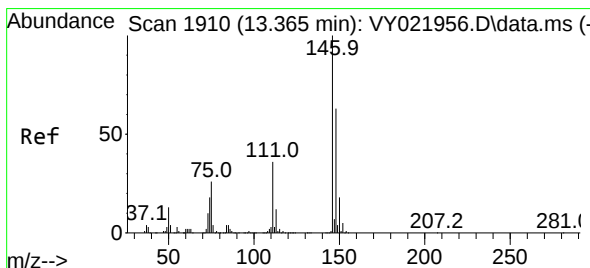
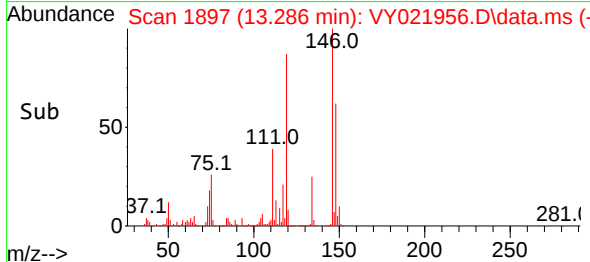
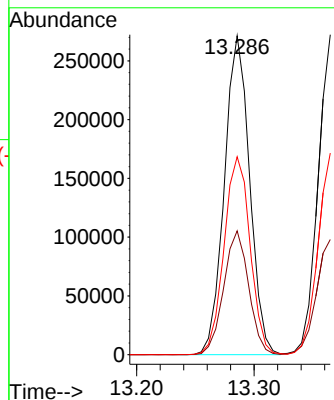
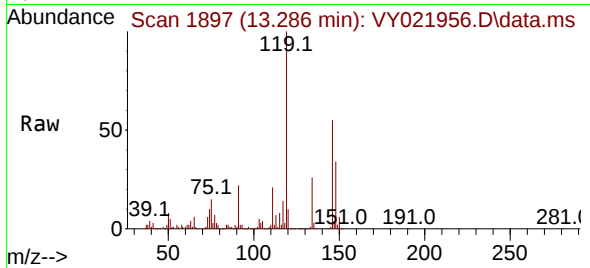




#87
1,3-Dichlorobenzene
Concen: 48.048 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

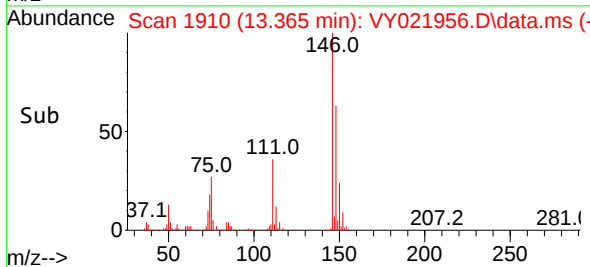
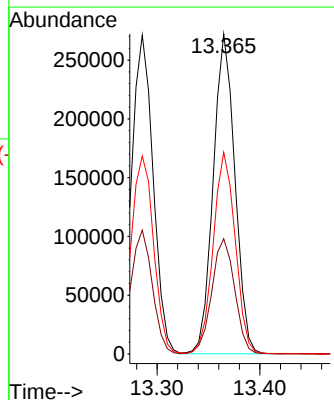
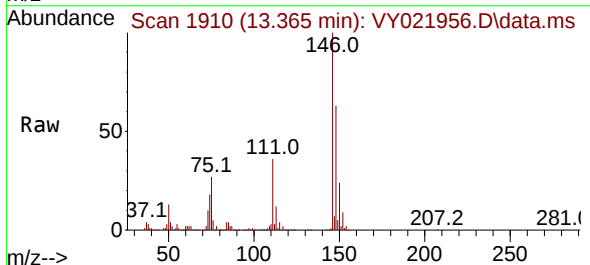
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

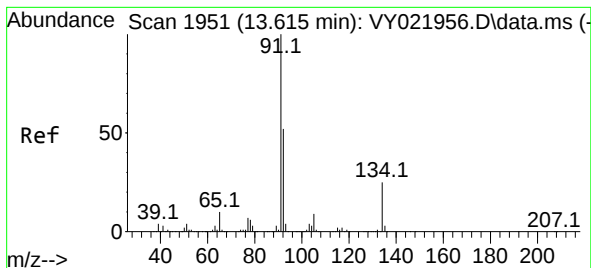
Tgt Ion:146 Resp: 405153
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 64.1 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 47.697 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:146 Resp: 398336
Ion Ratio Lower Upper
146 100
111 38.4 19.2 57.6
148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 50.008 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

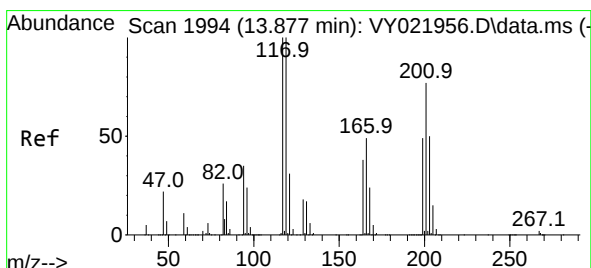
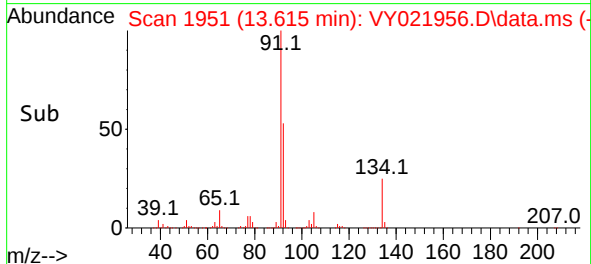
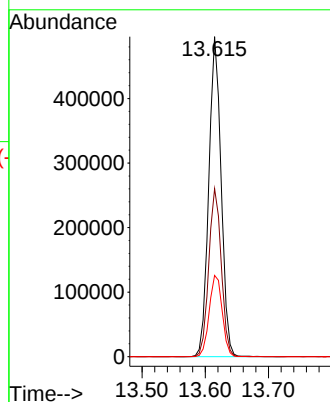
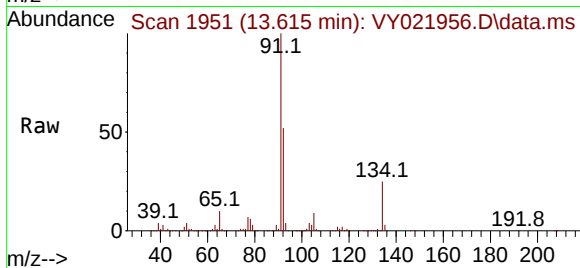
Tgt Ion: 91 Resp: 674346

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 26.7 13.4 40.1



#90

Hexachloroethane

Concen: 47.353 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021956.D

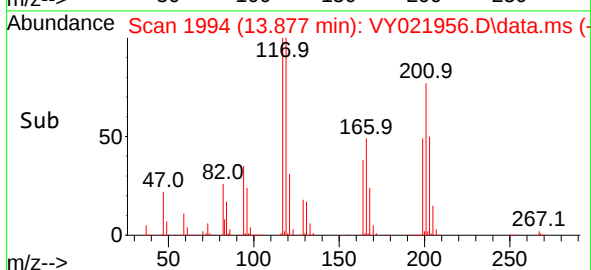
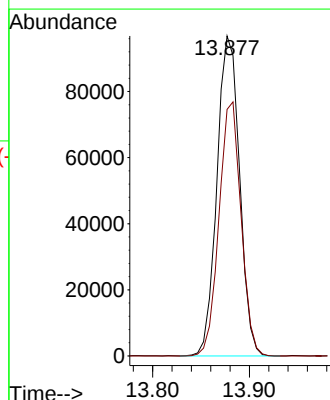
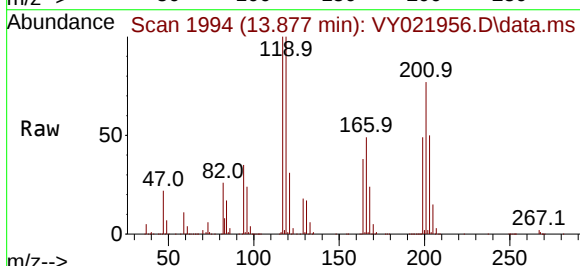
Acq: 22 Apr 2025 15:29

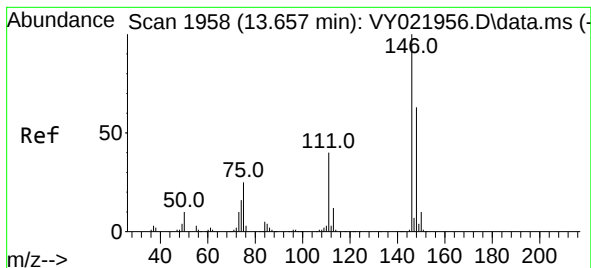
Tgt Ion: 117 Resp: 156957

Ion Ratio Lower Upper

117 100

201 77.4 38.7 116.1

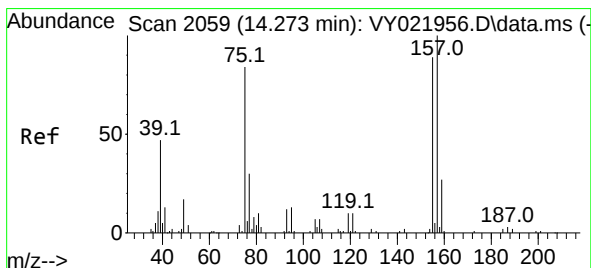
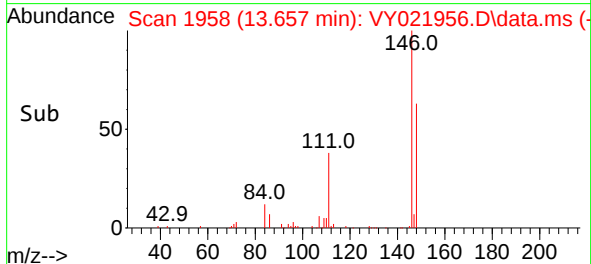
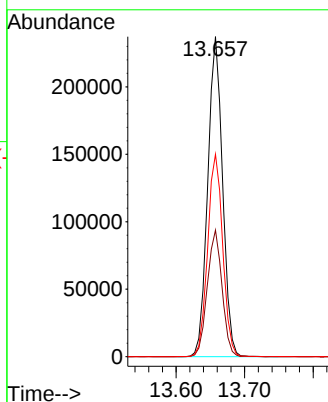
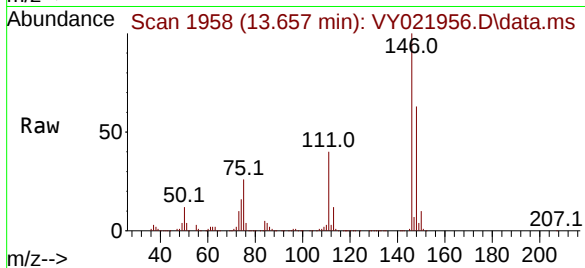




#91
1,2-Dichlorobenzene
Concen: 48.544 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

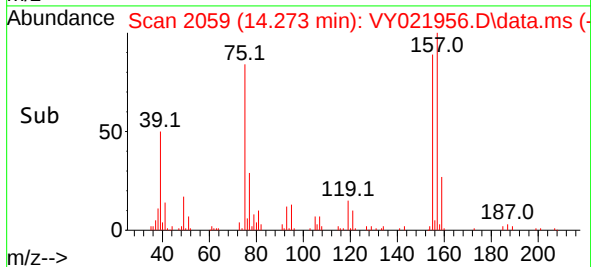
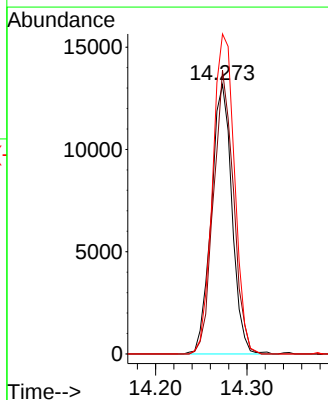
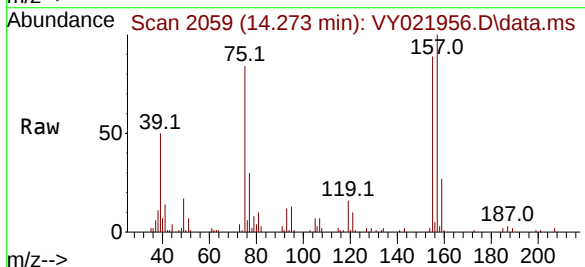
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

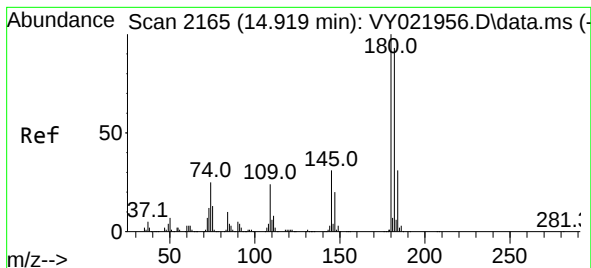
Tgt Ion:146 Resp: 357028
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.1
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.964 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 20698
Ion Ratio Lower Upper
75 100
155 101.5 50.7 152.3
157 125.2 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 48.561 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

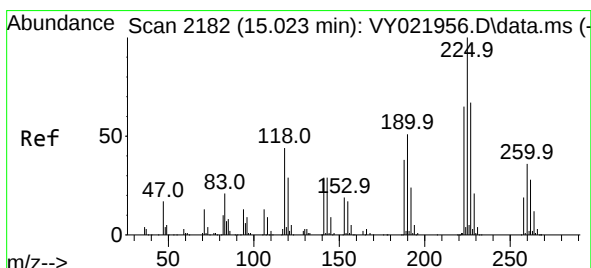
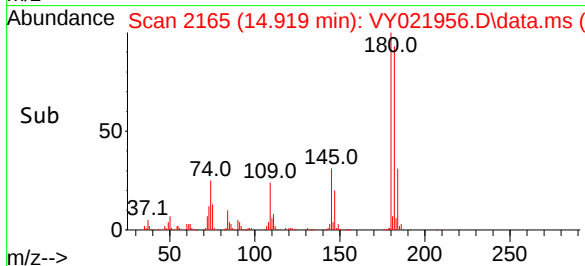
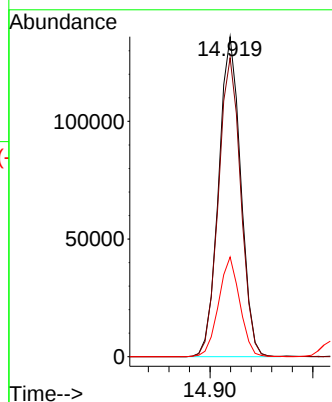
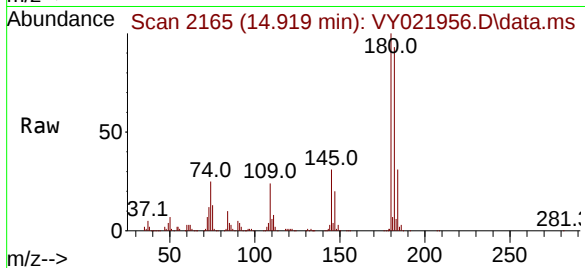
Tgt Ion:180 Resp: 202386

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.4

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 46.009 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

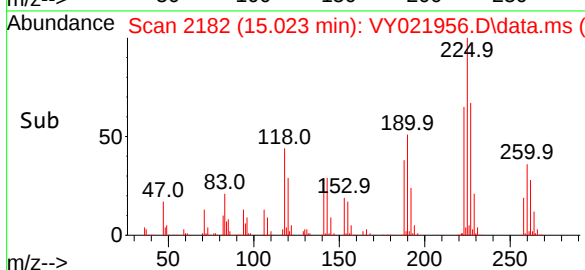
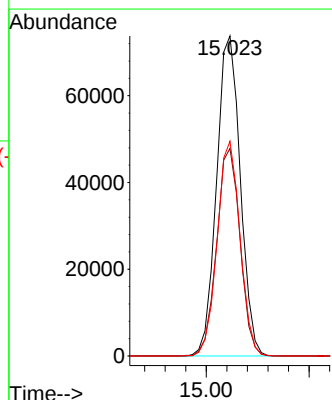
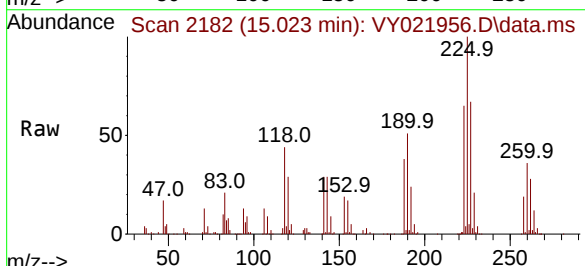
Tgt Ion:225 Resp: 117976

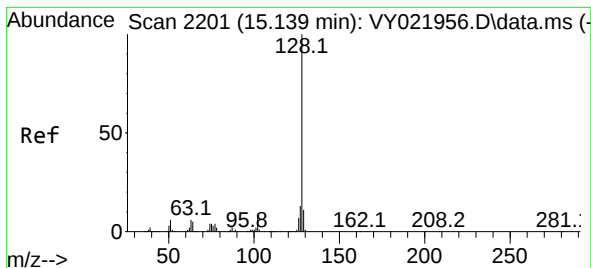
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.5

227 64.6 32.3 96.9





#95

Naphthalene

Concen: 51.007 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

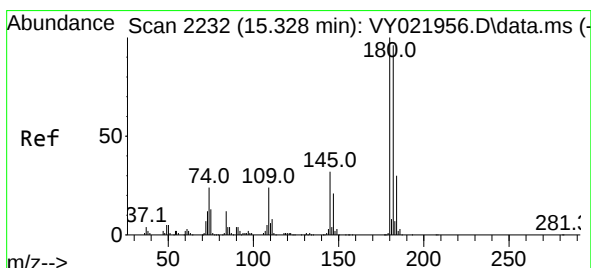
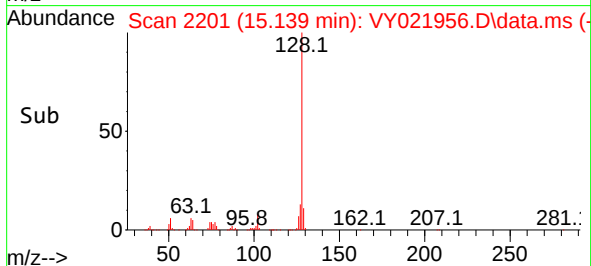
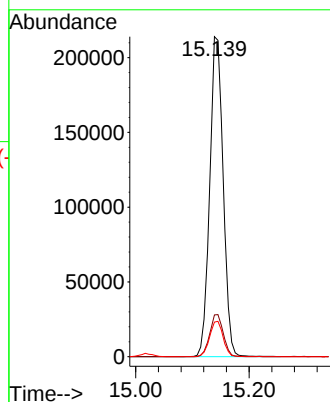
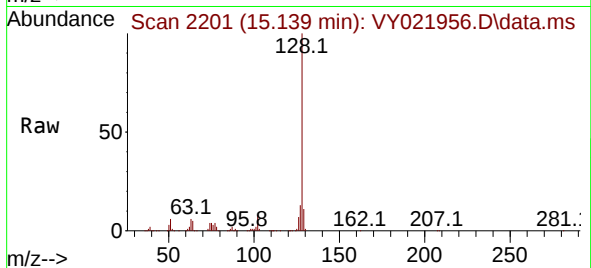
Tgt Ion:128 Resp: 353130

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 48.304 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021956.D

Acq: 22 Apr 2025 15:29

Tgt Ion:180 Resp: 173778

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

145 32.0 16.0 48.0

