

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021729.D
 Acq On : 31 Mar 2025 18:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 05:41:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	272260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	387791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142577	48.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.634	113	141191	50.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.103	98	530598	49.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.401	95	184917	51.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	133780	47.408	ug/l	98
3) Chloromethane	2.068	50	166989	42.084	ug/l	100
4) Vinyl Chloride	2.202	62	196358	43.757	ug/l	99
5) Bromomethane	2.592	94	132187	43.190	ug/l	99
6) Chloroethane	2.732	64	127635	43.467	ug/l	100
7) Trichlorofluoromethane	3.056	101	266922	46.434	ug/l	97
8) Diethyl Ether	3.452	74	74451	47.625	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	144256	47.580	ug/l	100
10) Methyl Iodide	4.000	142	171728	51.630	ug/l	98
11) Tert butyl alcohol	4.854	59	44286	231.137	ug/l	99
12) 1,1-Dichloroethene	3.787	96	137425	48.122	ug/l	95
13) Acrolein	3.647	56	55854	159.650	ug/l	98
14) Allyl chloride	4.378	41	212096	46.581	ug/l	98
15) Acrylonitrile	5.055	53	156348	239.532	ug/l	99
16) Acetone	3.866	43	114116	189.021	ug/l	93
17) Carbon Disulfide	4.104	76	440192	46.799	ug/l	98
18) Methyl Acetate	4.385	43	78725	52.615	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	354383	49.844	ug/l	97
20) Methylene Chloride	4.610	84	155920	53.012	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	153180	48.717	ug/l	99
22) Diisopropyl ether	6.018	45	464488	48.630	ug/l	98
23) Vinyl Acetate	5.957	43	1328195	237.701	ug/l	98
24) 1,1-Dichloroethane	5.915	63	274036	47.981	ug/l	99
25) 2-Butanone	6.890	43	194282	225.307	ug/l	98
26) 2,2-Dichloropropane	6.884	77	225002	44.288	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	175160	49.537	ug/l	97
28) Bromochloromethane	7.244	49	115501	47.952	ug/l	95
29) Tetrahydrofuran	7.262	42	131229	236.463	ug/l	97
30) Chloroform	7.421	83	289560	48.744	ug/l	95
31) Cyclohexane	7.701	56	236889	45.500	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	258359	48.121	ug/l	99
36) 1,1-Dichloropropene	7.835	75	202522	47.299	ug/l	99
37) Ethyl Acetate	6.982	43	92770	45.909	ug/l	99
38) Carbon Tetrachloride	7.817	117	235093	47.939	ug/l	98
39) Methylcyclohexane	9.109	83	255286	49.909	ug/l	99
40) Benzene	8.079	78	619709	48.329	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	50574	47.127	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	171664	47.488	ug/l	99
43) Isopropyl Acetate	8.195	43	180427	47.116	ug/l	99
44) Trichloroethene	8.865	130	159602	48.851	ug/l	98
45) 1,2-Dichloropropane	9.140	63	147973	48.752	ug/l	97
46) Dibromomethane	9.231	93	86834	49.640	ug/l	97
47) Bromodichloromethane	9.420	83	220817	48.717	ug/l	100
48) Methyl methacrylate	9.219	41	83327	47.411	ug/l	95
49) 1,4-Dioxane	9.225	88	19204	1024.806	ug/l	90
51) 4-Methyl-2-Pentanone	9.993	43	483472	242.606	ug/l	100
52) Toluene	10.170	92	393440	49.179	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	197069	48.949	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	230104	48.447	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	110448	49.064	ug/l	97
56) Ethyl methacrylate	10.438	69	151051	52.550	ug/l	97
57) 1,3-Dichloropropane	10.713	76	190542	49.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	366959	261.697	ug/l	98
59) 2-Hexanone	10.755	43	321727	242.411	ug/l	98
60) Dibromochloromethane	10.908	129	153429	49.920	ug/l	100
61) 1,2-Dibromoethane	11.011	107	105400	49.912	ug/l	97
64) Tetrachloroethene	10.646	164	168508	47.710	ug/l	97
65) Chlorobenzene	11.438	112	427687	48.112	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	154500	48.986	ug/l	99
67) Ethyl Benzene	11.517	91	745607	48.913	ug/l	100
68) m/p-Xylenes	11.627	106	569445	97.555	ug/l	100
69) o-Xylene	11.950	106	269778	50.069	ug/l	100
70) Styrene	11.969	104	456782	50.845	ug/l	99
71) Bromoform	12.127	173	87918	48.868	ug/l #	100
73) Isopropylbenzene	12.255	105	713735	48.851	ug/l	99
74) N-amyl acetate	12.066	43	163110	47.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	121801	46.369	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	161176	82.659	ug/l #	100
77) Bromobenzene	12.529	156	167096	47.634	ug/l	99
78) n-propylbenzene	12.590	91	849265	48.350	ug/l	99
79) 2-Chlorotoluene	12.676	91	486982	47.733	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	576869	48.310	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	39102	46.206	ug/l	96
82) 4-Chlorotoluene	12.773	91	497264	46.752	ug/l	98
83) tert-Butylbenzene	12.993	119	529178	49.755	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	582272	49.337	ug/l	100
85) sec-Butylbenzene	13.176	105	752544	48.417	ug/l	99
86) p-Isopropyltoluene	13.292	119	628289	48.908	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	322265	46.629	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	320344	46.914	ug/l	99
89) n-Butylbenzene	13.615	91	560816	47.205	ug/l	100
90) Hexachloroethane	13.877	117	129529	46.012	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	287267	47.748	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19461	47.801	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	159914	49.014	ug/l	100
94) Hexachlorobutadiene	15.023	225	95699	46.966	ug/l	98
95) Naphthalene	15.145	128	281482	52.050	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	138593	49.814	ug/l	98

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QLast Update : Fri Mar 28 02:30:29 2025
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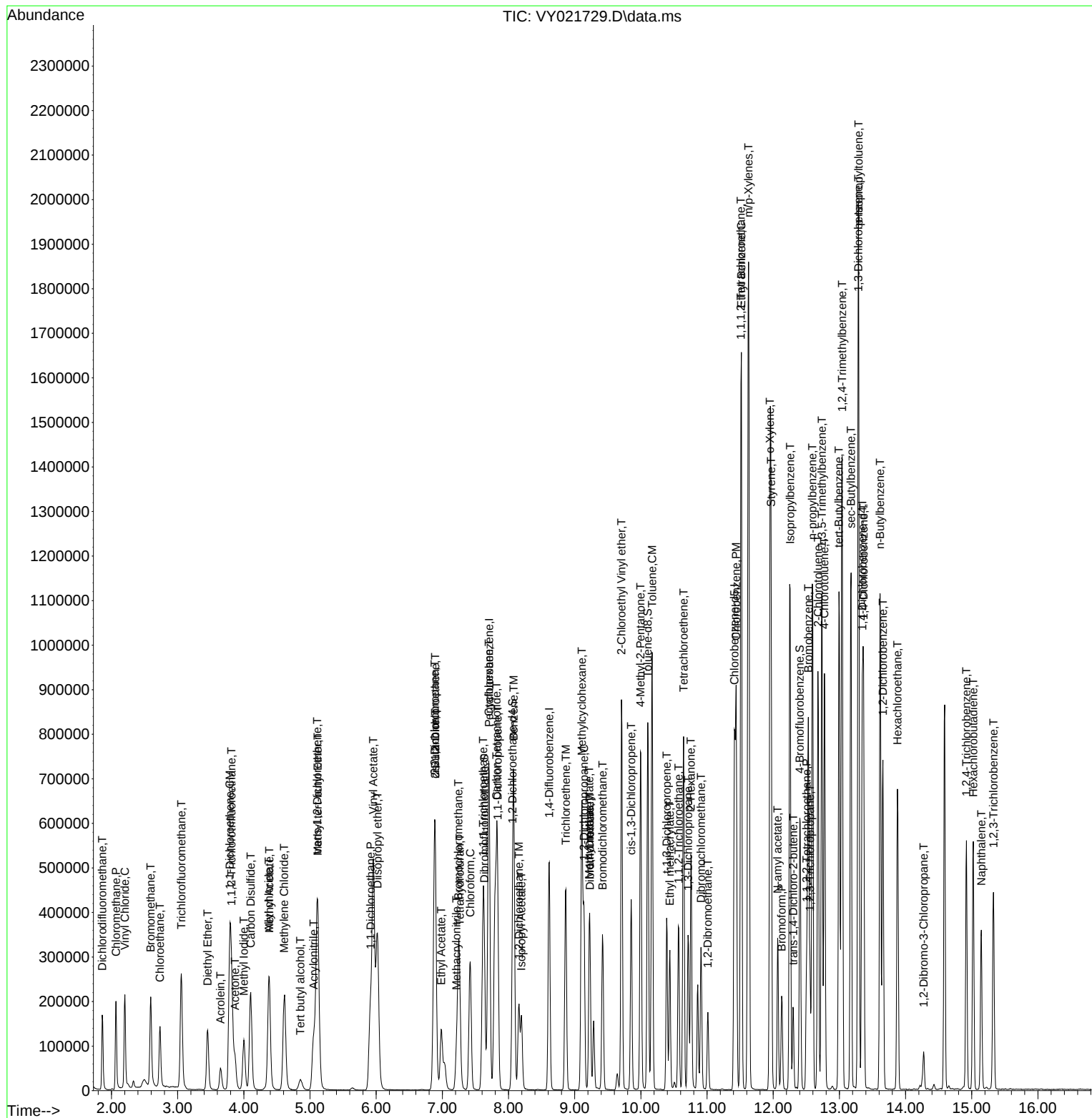
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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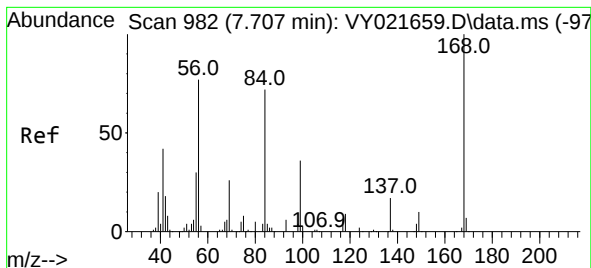
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021729.D

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Instrument :

MSVOA_Y

ClientSampleId :

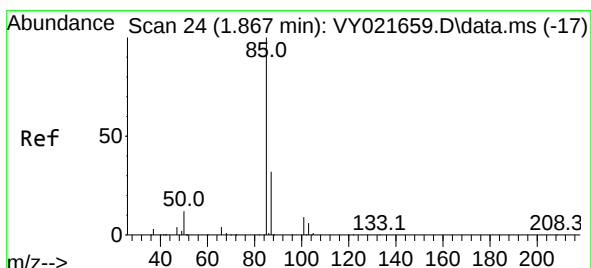
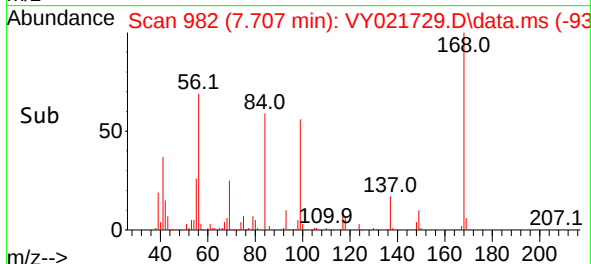
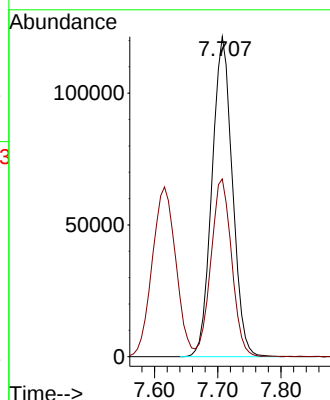
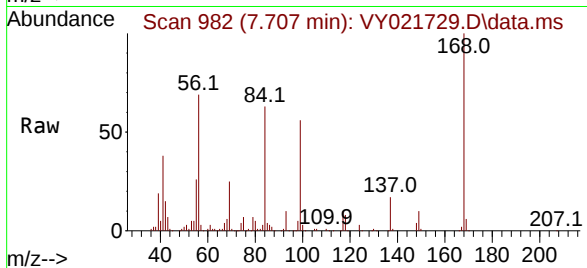
VSTDCCC050EC

Tgt Ion:168 Resp: 272260

Ion Ratio Lower Upper

168 100

99 55.5 46.7 70.1



#2

Dichlorodifluoromethane

Concen: 47.408 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021729.D

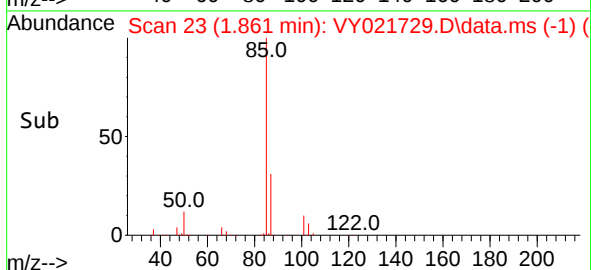
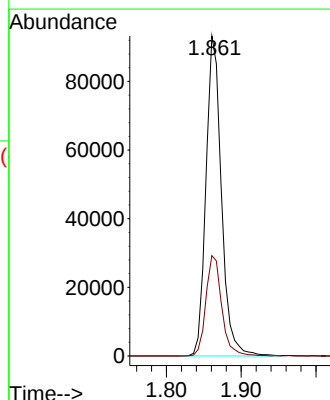
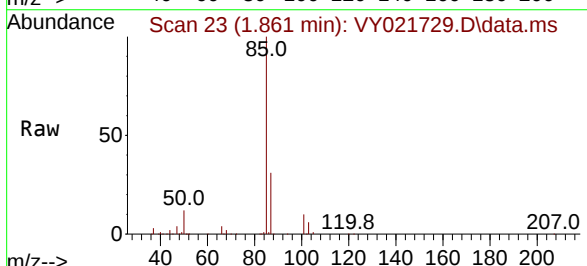
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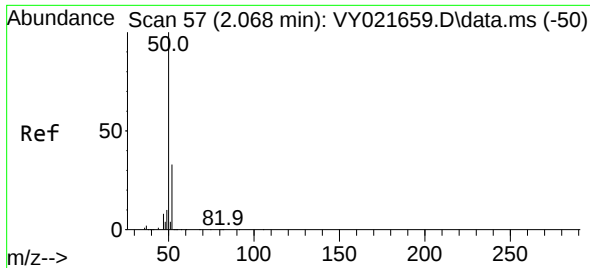
Tgt Ion: 85 Resp: 133780

Ion Ratio Lower Upper

85 100

87 31.4 16.2 48.6

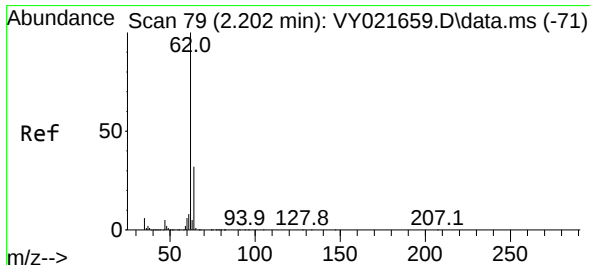
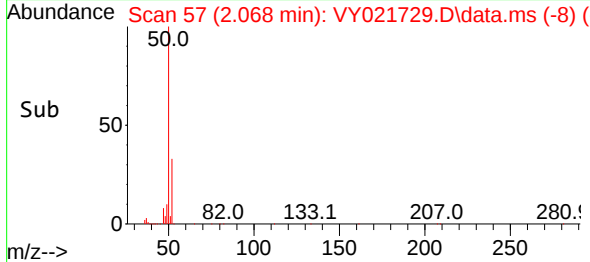
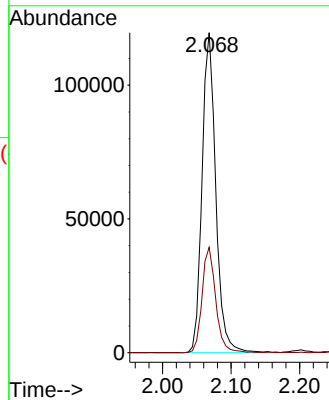
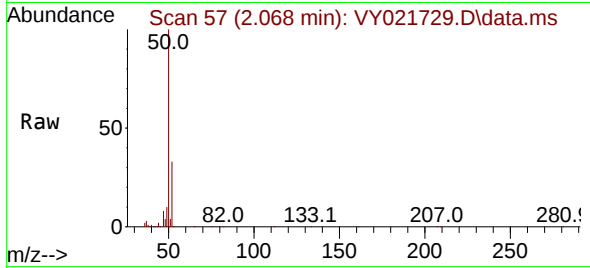




#3
Chloromethane
Concen: 42.084 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021729.D
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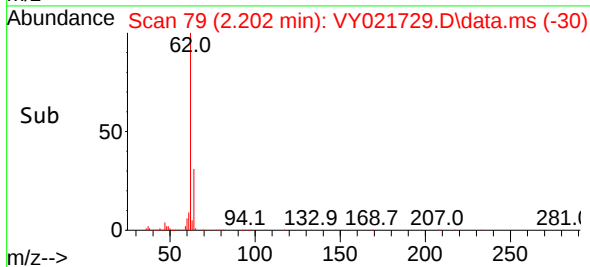
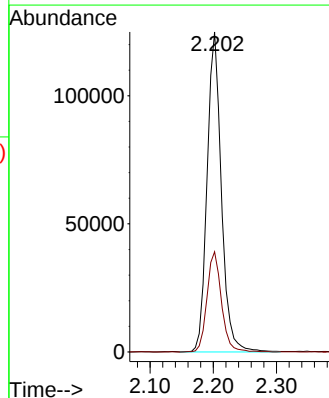
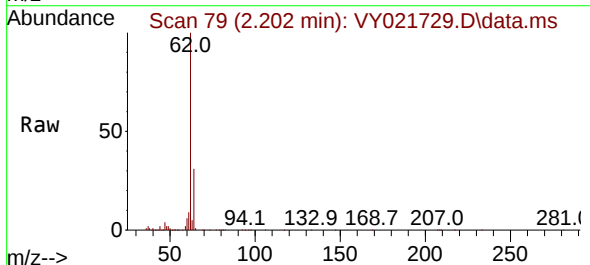
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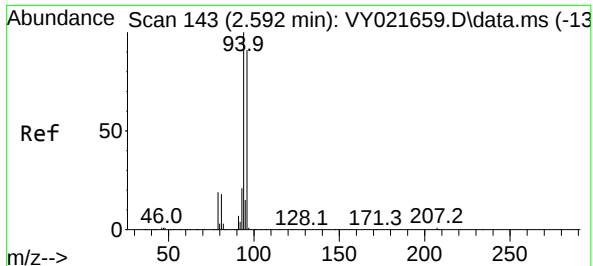
Tgt Ion: 50 Resp: 166989
Ion Ratio Lower Upper
50 100
52 33.0 26.3 39.5



#4
Vinyl Chloride
Concen: 43.757 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 62 Resp: 196358
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3

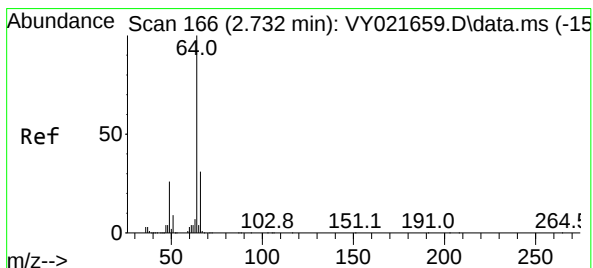
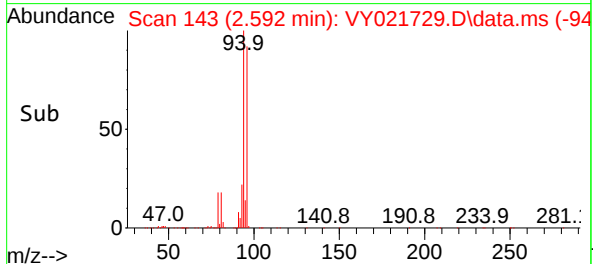
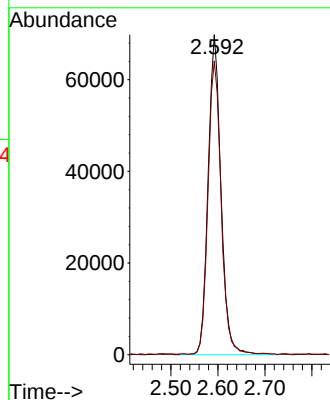
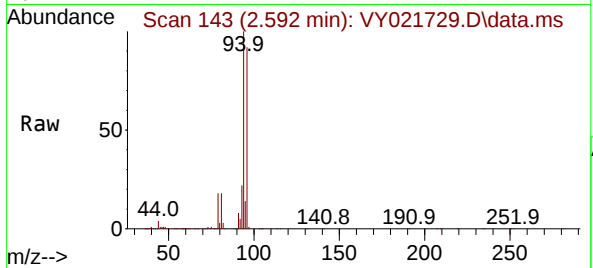




#5
Bromomethane
Concen: 43.190 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021729.D
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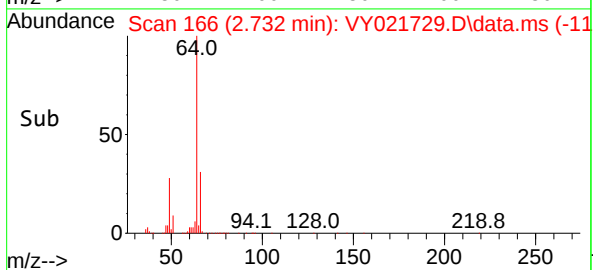
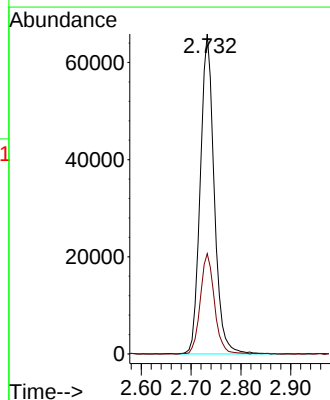
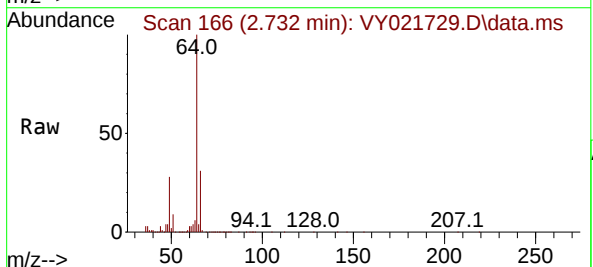
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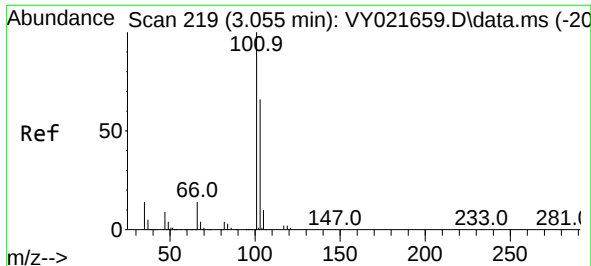
Tgt Ion: 94 Resp: 132187
Ion Ratio Lower Upper
94 100
96 91.6 72.8 109.2



#6
Chloroethane
Concen: 43.467 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 127635
Ion Ratio Lower Upper
64 100
66 31.3 24.9 37.3

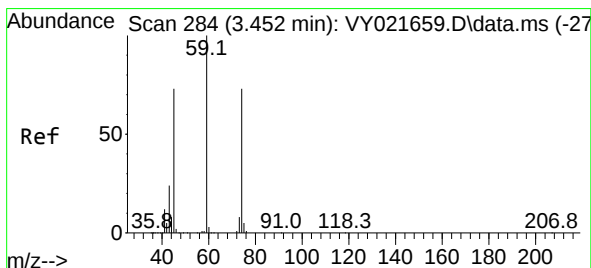
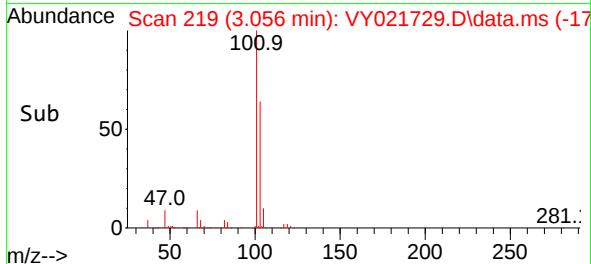
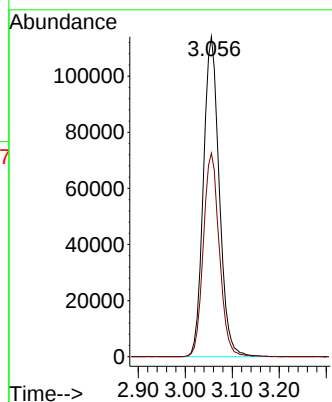
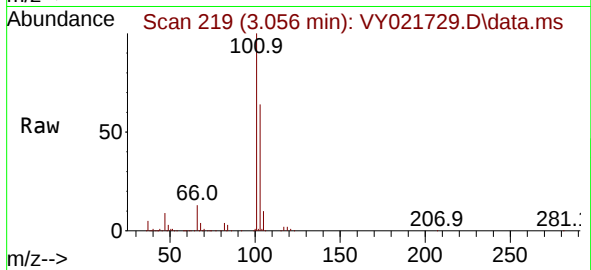




#7
 Trichlorofluoromethane
 Concen: 46.434 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021729.D
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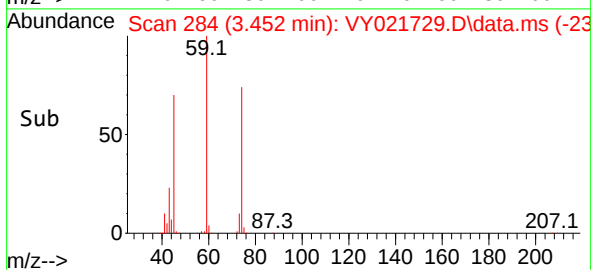
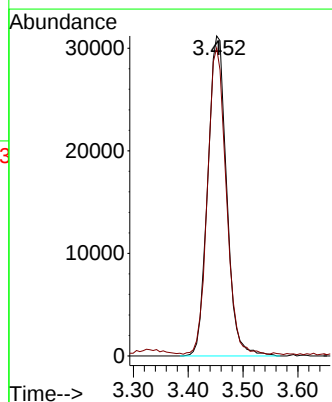
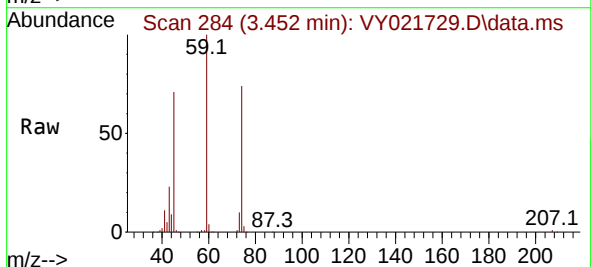
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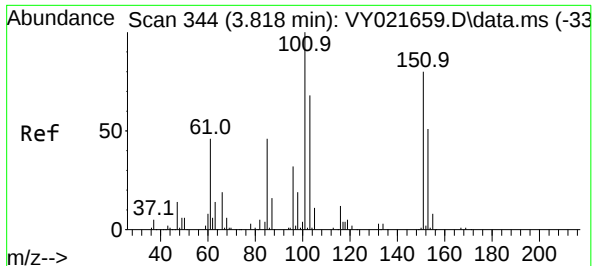
Tgt Ion:101 Resp: 266922
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.1 79.7



#8
 Diethyl Ether
 Concen: 47.625 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
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 Acq: 31 Mar 2025 18:55

Tgt Ion: 74 Resp: 74451
 Ion Ratio Lower Upper
 74 100
 45 94.5 48.6 145.8

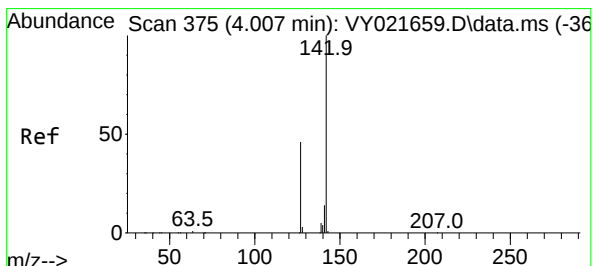
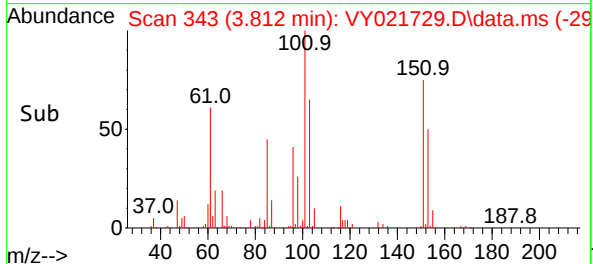
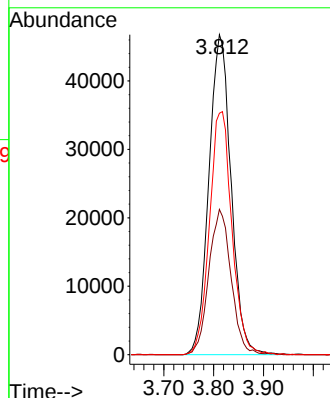
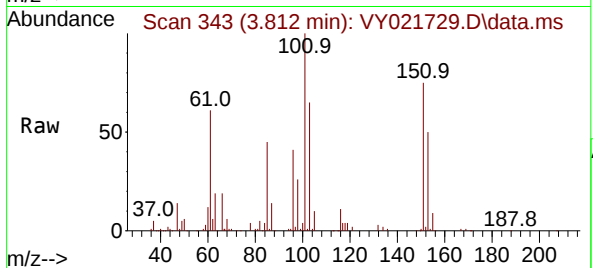




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.580 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

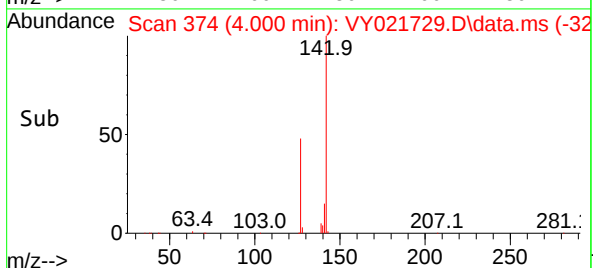
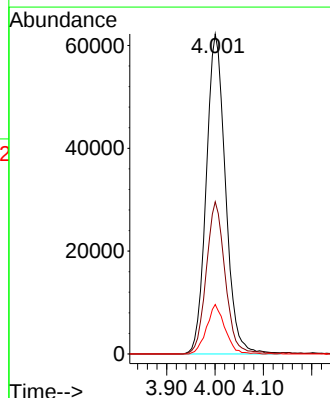
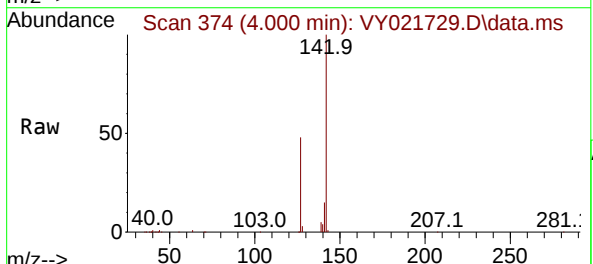
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

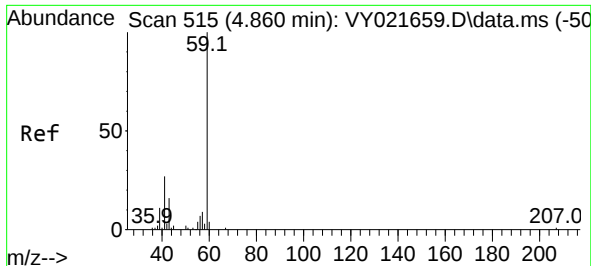
Tgt Ion:101 Resp: 144256
Ion Ratio Lower Upper
101 100
85 45.5 36.3 54.5
151 77.0 61.3 91.9



#10
Methyl Iodide
Concen: 51.630 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion:142 Resp: 171728
Ion Ratio Lower Upper
142 100
127 46.9 38.7 58.1
141 14.8 11.5 17.3

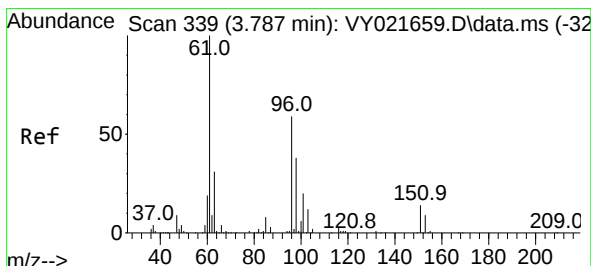
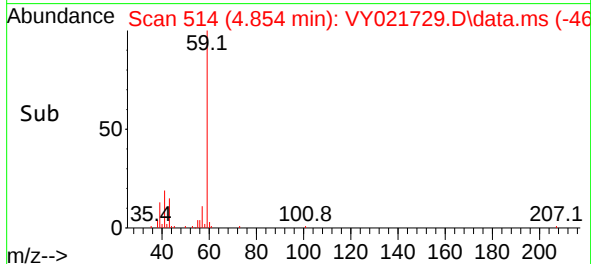
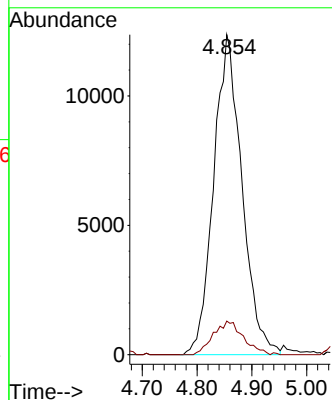
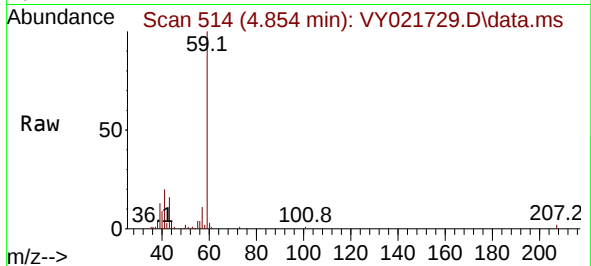




#11
Tert butyl alcohol
Concen: 231.137 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

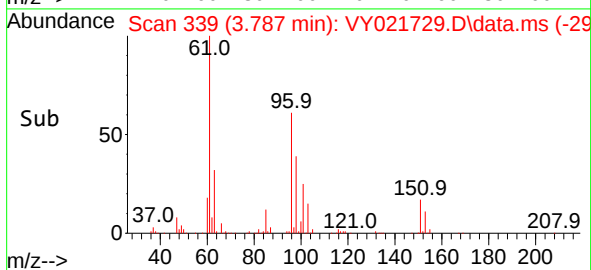
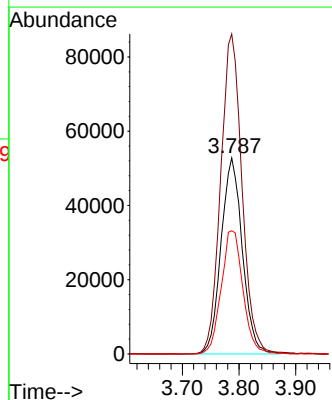
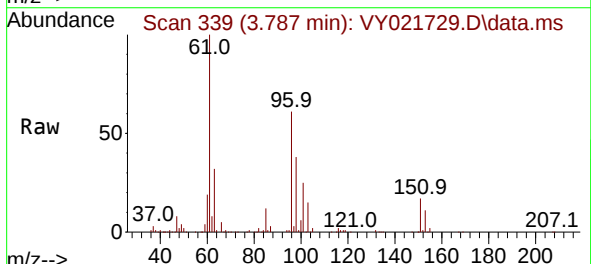
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

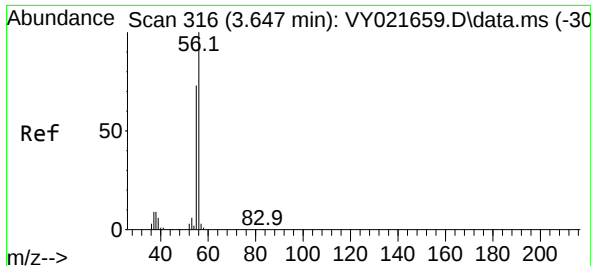
Tgt Ion: 59 Resp: 44286
Ion Ratio Lower Upper
59 100
57 11.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 48.122 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 96 Resp: 137425
Ion Ratio Lower Upper
96 100
61 163.2 136.6 204.8
98 62.8 52.3 78.5





#13

Acrolein

Concen: 159.650 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

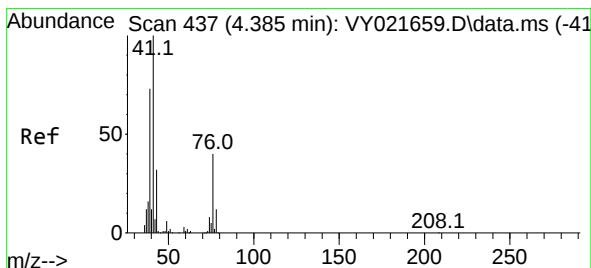
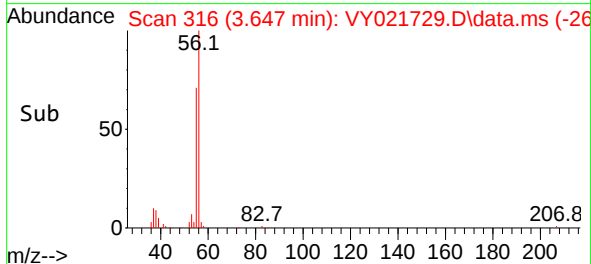
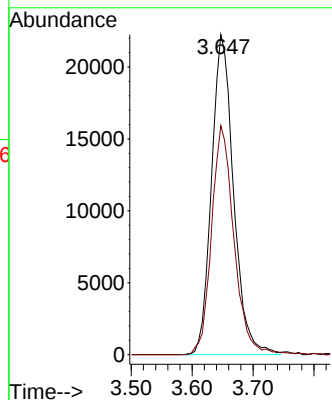
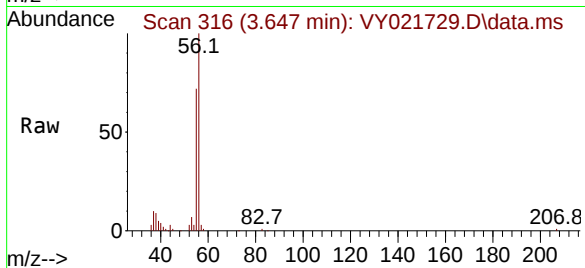
VSTDCCC050EC

Tgt Ion: 56 Resp: 55854

Ion Ratio Lower Upper

56 100

55 72.8 56.6 85.0



#14

Allyl chloride

Concen: 46.581 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

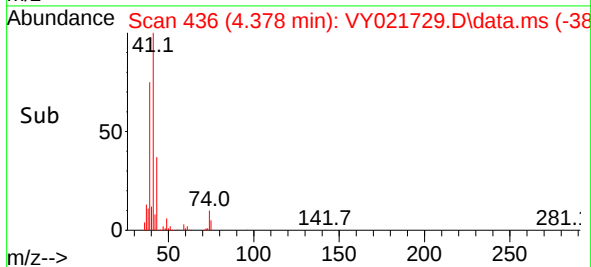
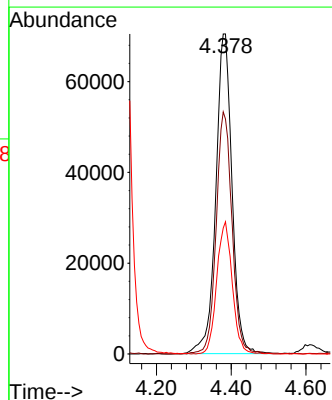
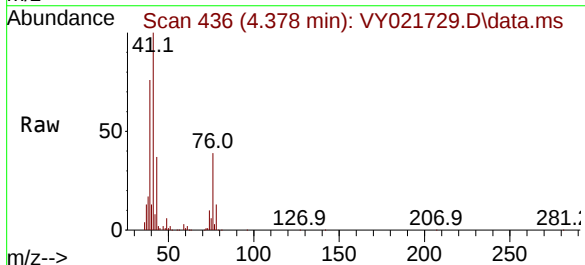
Tgt Ion: 41 Resp: 212096

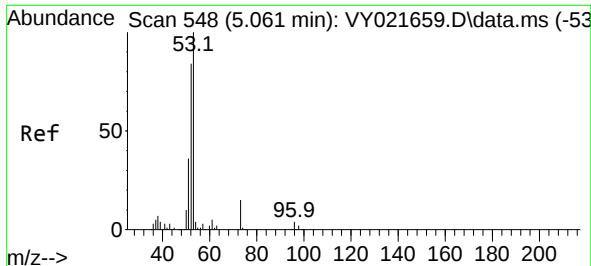
Ion Ratio Lower Upper

41 100

39 74.1 58.6 88.0

76 39.6 30.3 45.5

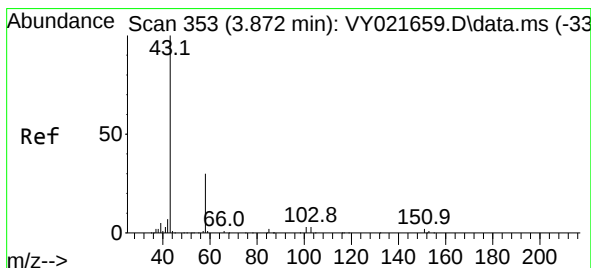
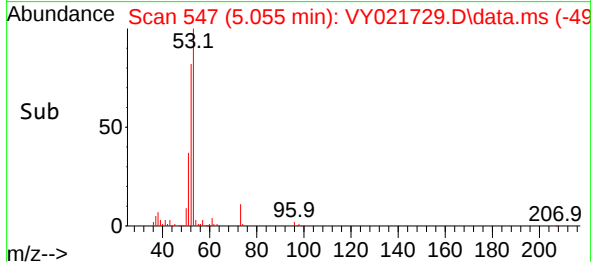
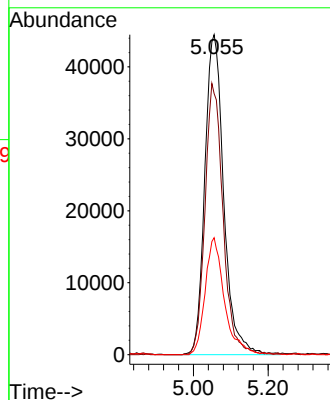
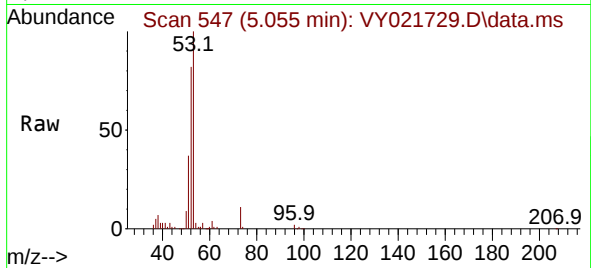




#15
Acrylonitrile
Concen: 239.532 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

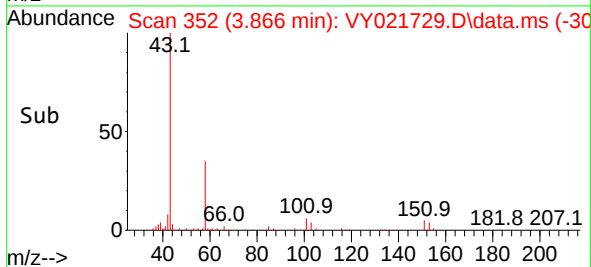
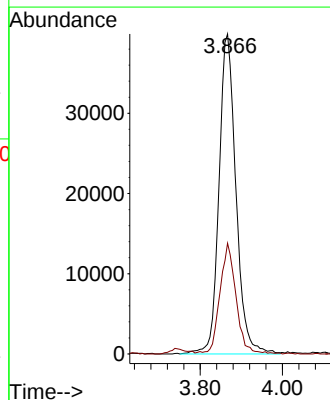
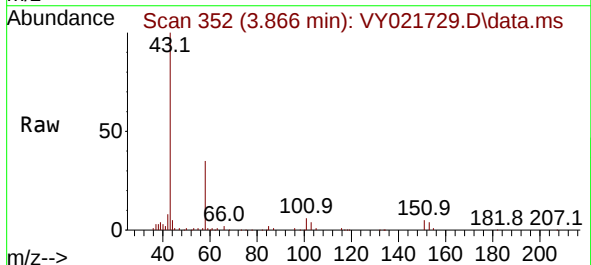
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

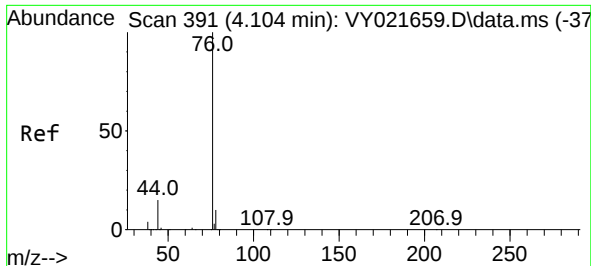
Tgt Ion: 53 Resp: 156348
Ion Ratio Lower Upper
53 100
52 80.7 64.9 97.3
51 37.1 30.2 45.2



#16
Acetone
Concen: 189.021 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 43 Resp: 114116
Ion Ratio Lower Upper
43 100
58 34.3 24.2 36.4

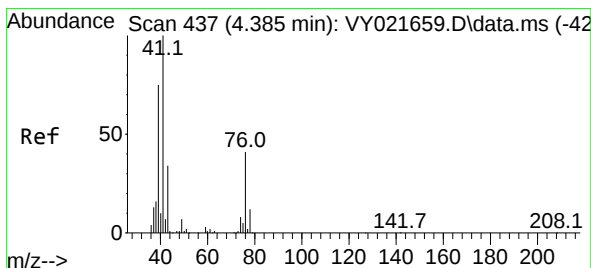
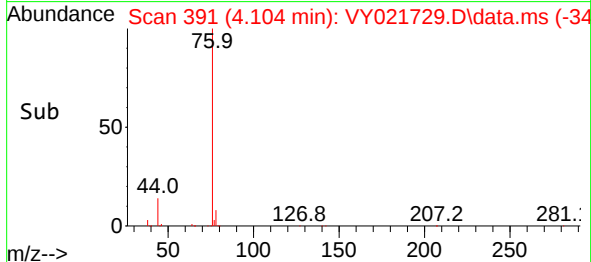
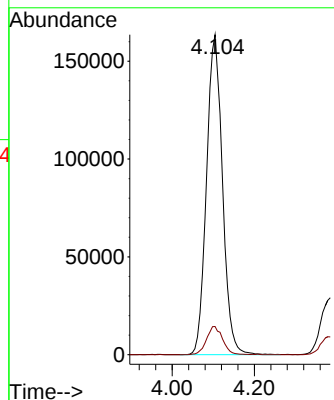
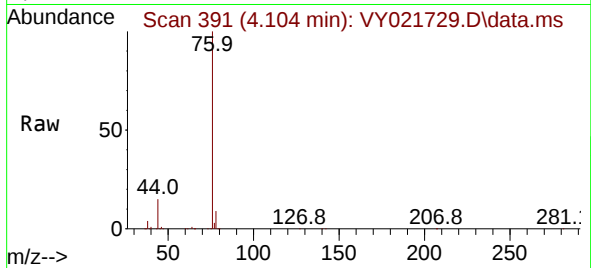




#17
Carbon Disulfide
Concen: 46.799 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

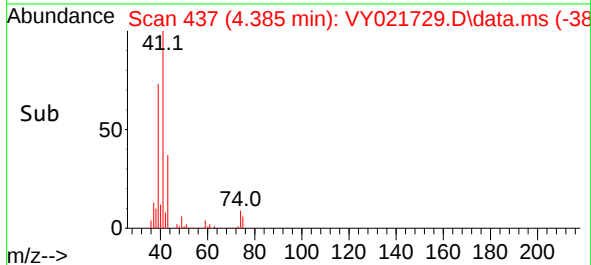
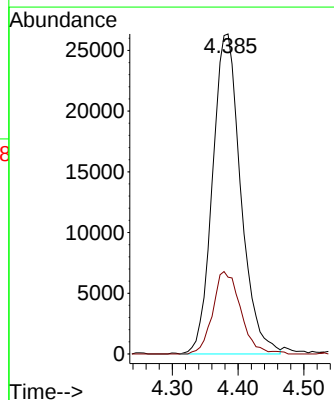
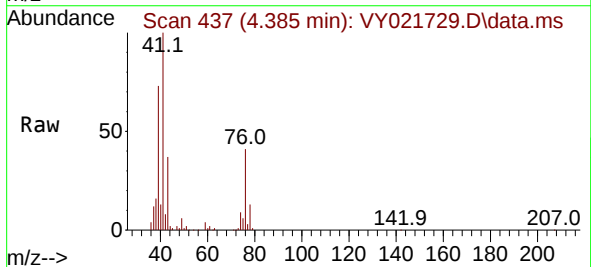
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 440192
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 52.615 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 43 Resp: 78725
Ion Ratio Lower Upper
43 100
74 25.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 49.844 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

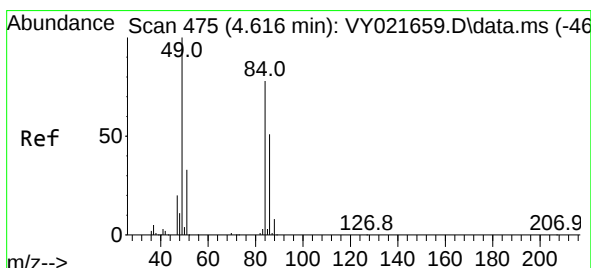
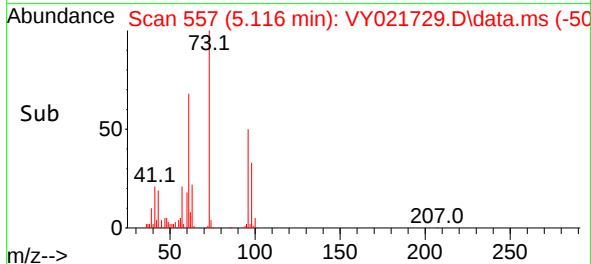
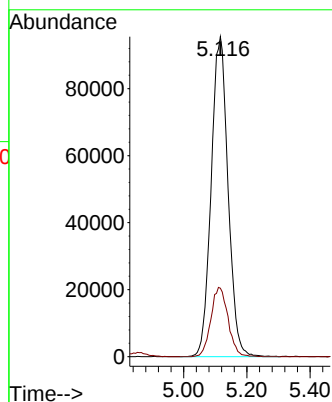
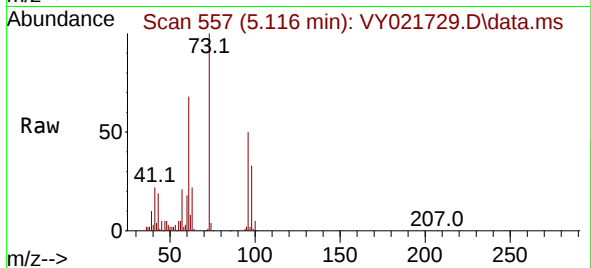
VSTDCCC050EC

Tgt Ion: 73 Resp: 354383

Ion Ratio Lower Upper

73 100

57 21.4 18.1 27.1



#20

Methylene Chloride

Concen: 53.012 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Tgt Ion: 84 Resp: 155920

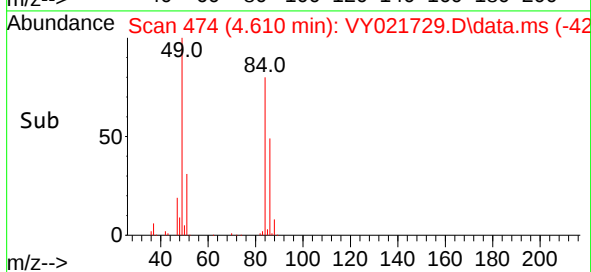
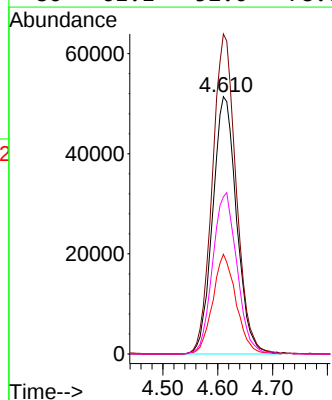
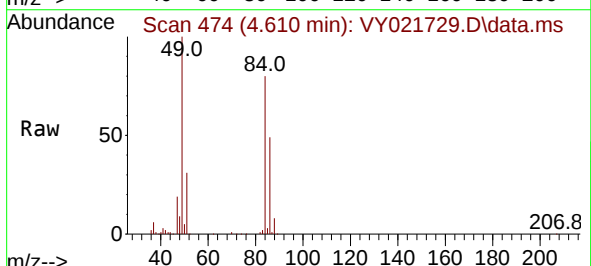
Ion Ratio Lower Upper

84 100

49 124.4 102.8 154.2

51 38.8 33.5 50.3

86 61.1 52.0 78.0

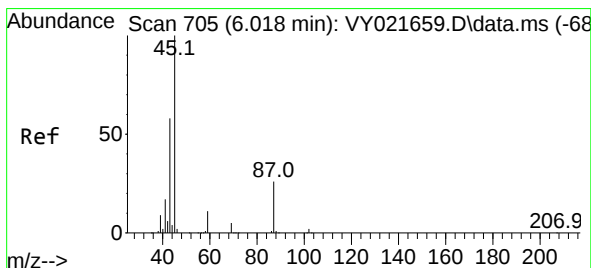
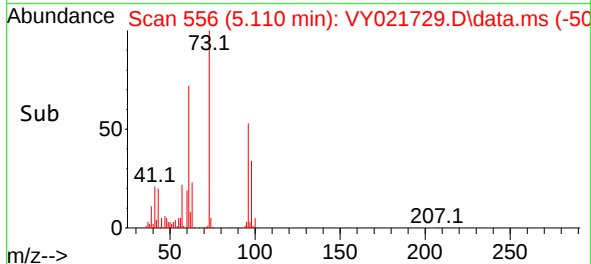
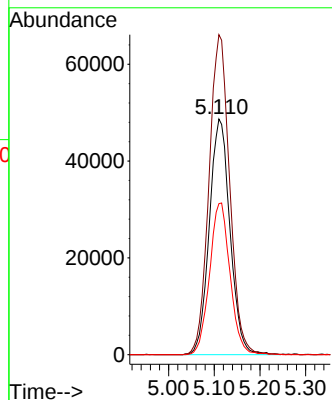
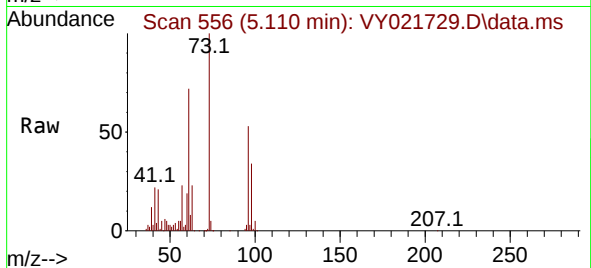




#21
trans-1,2-Dichloroethene
Concen: 48.717 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

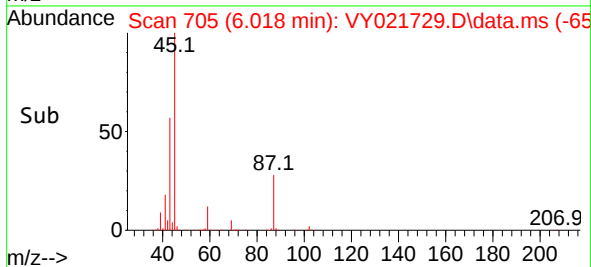
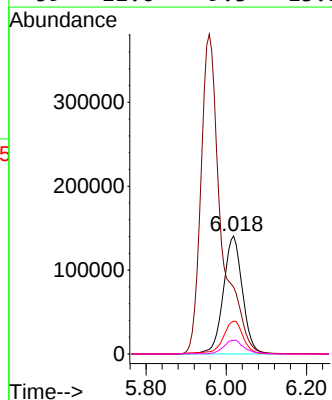
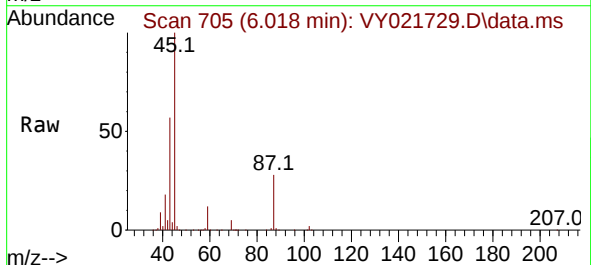
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

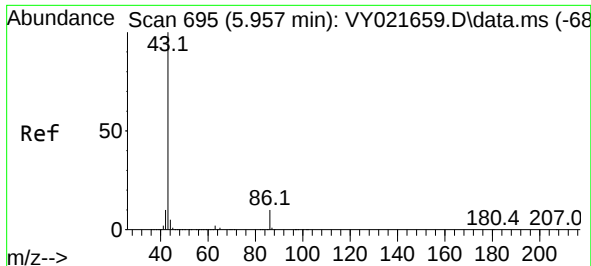
Tgt Ion: 96 Resp: 153180
Ion Ratio Lower Upper
96 100
61 135.8 109.4 164.0
98 64.1 50.2 75.2



#22
Diisopropyl ether
Concen: 48.630 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 45 Resp: 464488
Ion Ratio Lower Upper
45 100
43 56.5 46.6 69.8
87 27.6 20.7 31.1
59 11.6 9.3 13.9

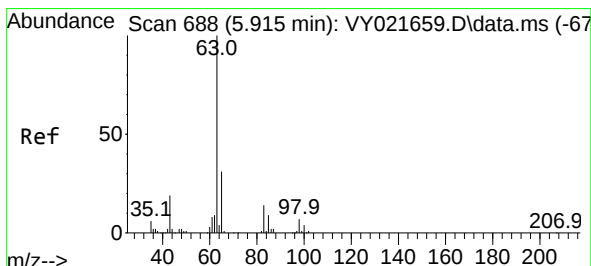
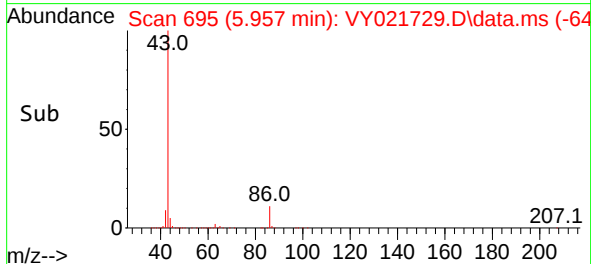
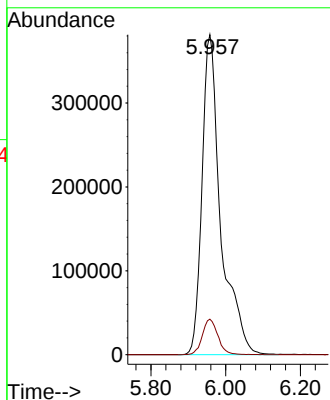
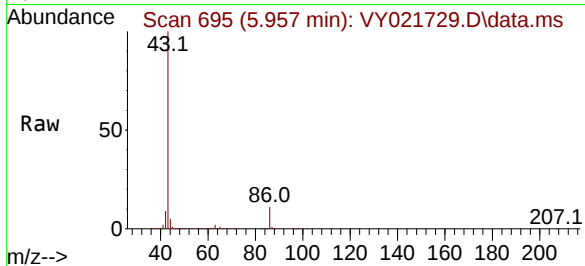




#23
 Vinyl Acetate
 Concen: 237.701 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

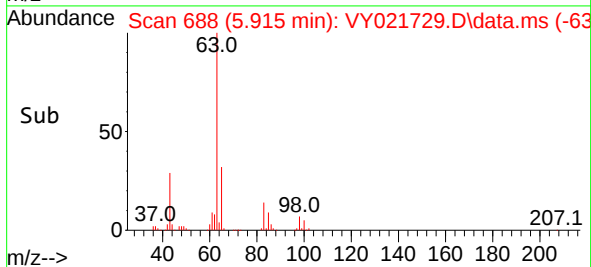
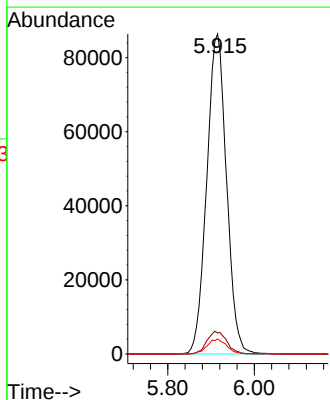
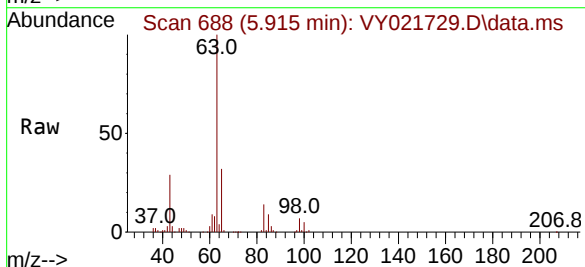
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

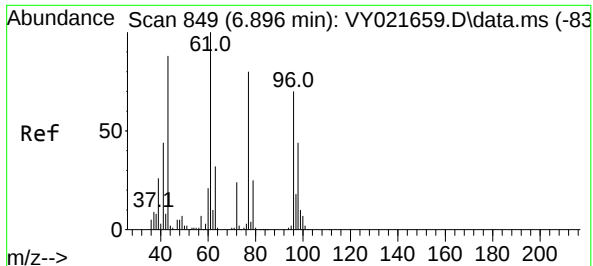
Tgt Ion: 43 Resp: 1328195
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 47.981 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

Tgt Ion: 63 Resp: 274036
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 225.307 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

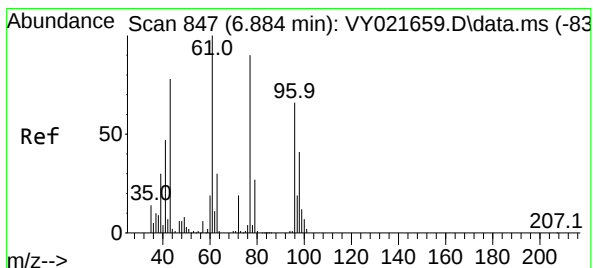
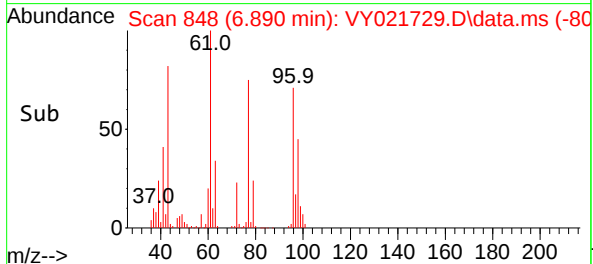
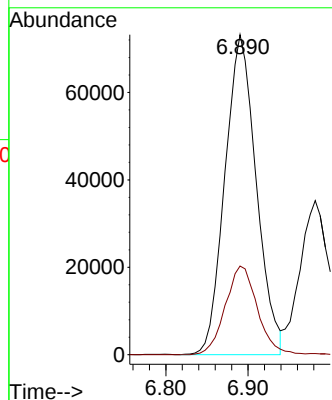
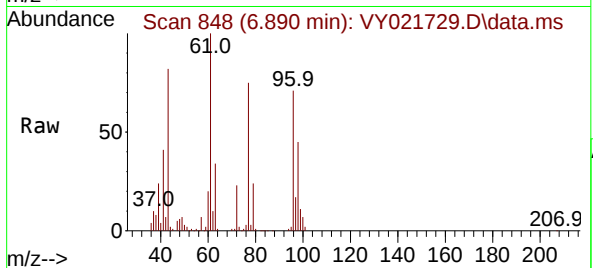
VSTDCCC050EC

Tgt Ion: 43 Resp: 194282

Ion Ratio Lower Upper

43 100

72 27.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 44.288 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021729.D

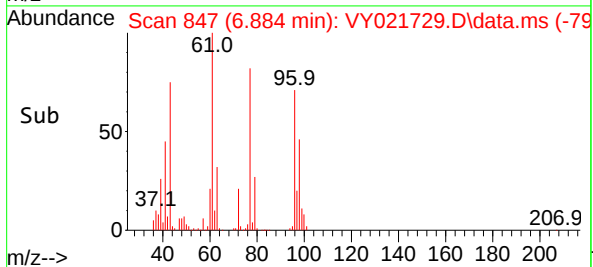
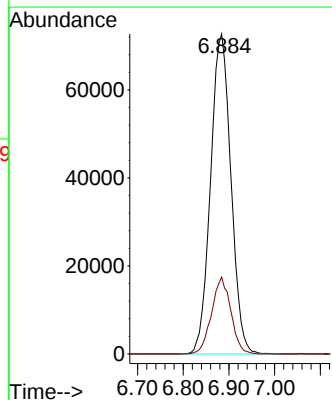
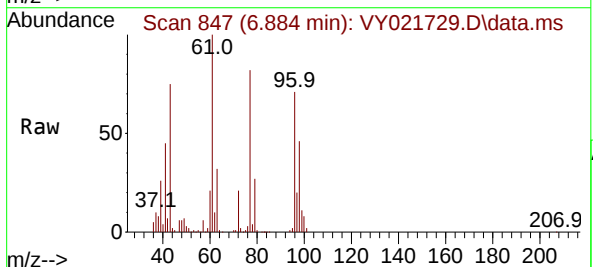
Acq: 31 Mar 2025 18:55

Tgt Ion: 77 Resp: 225002

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 49.537 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

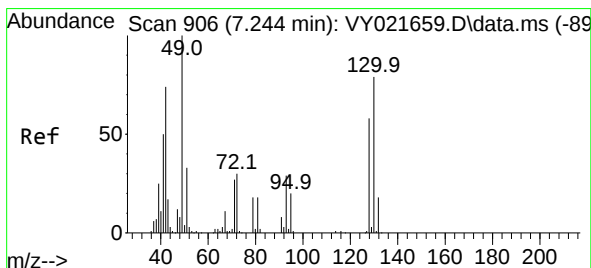
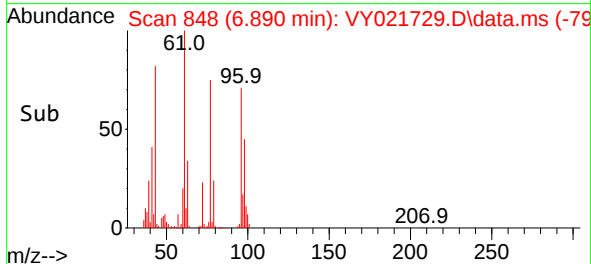
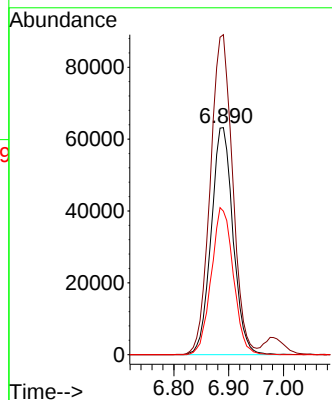
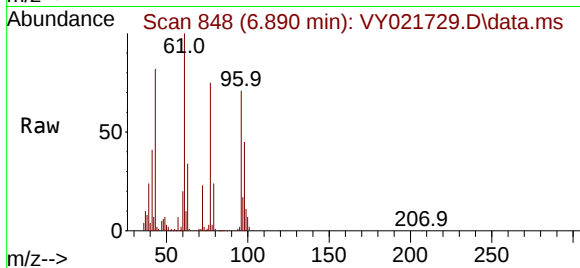
Tgt Ion: 96 Resp: 175160

Ion Ratio Lower Upper

96 100

61 144.0 0.0 296.4

98 65.2 0.0 128.0



#28

Bromochloromethane

Concen: 47.952 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

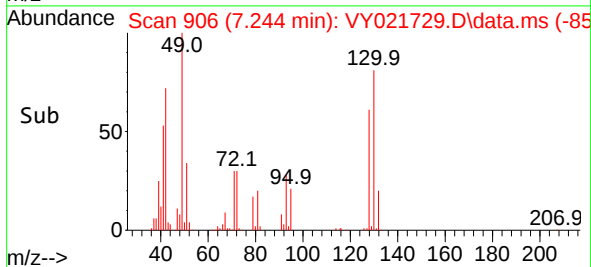
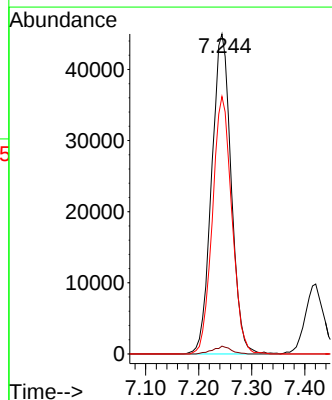
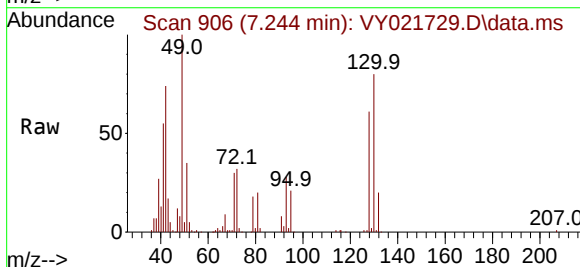
Tgt Ion: 49 Resp: 115501

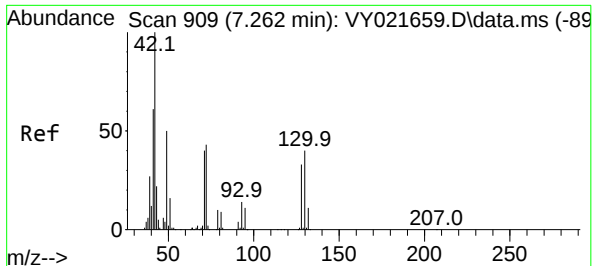
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 79.7 60.1 90.1





#29

Tetrahydrofuran

Concen: 236.463 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

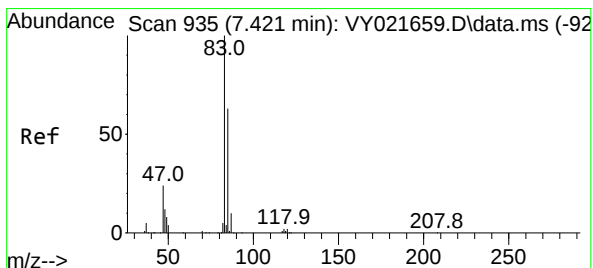
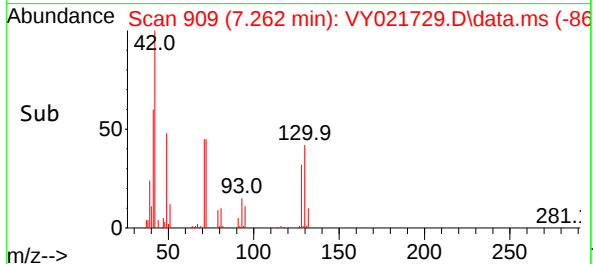
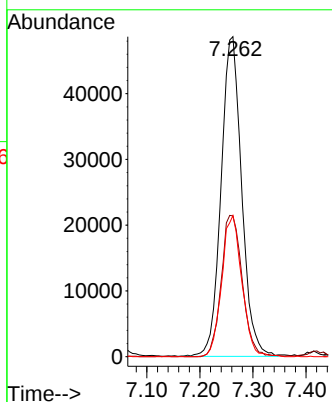
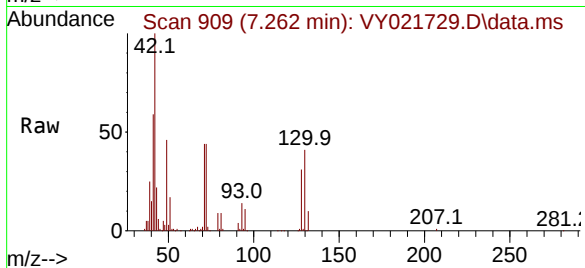
Tgt Ion: 42 Resp: 131229

Ion Ratio Lower Upper

42 100

72 45.1 34.6 52.0

71 43.1 32.5 48.7



#30

Chloroform

Concen: 48.744 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021729.D

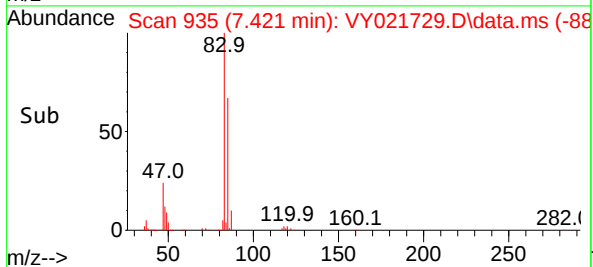
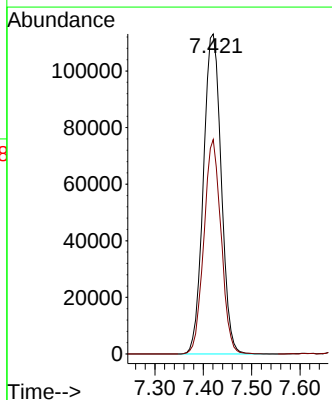
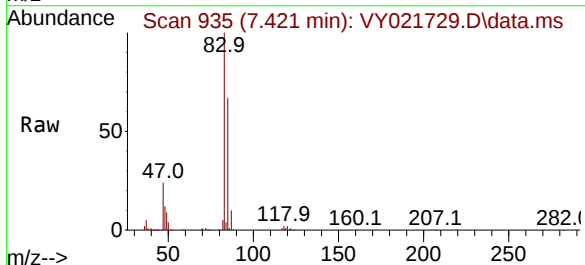
Acq: 31 Mar 2025 18:55

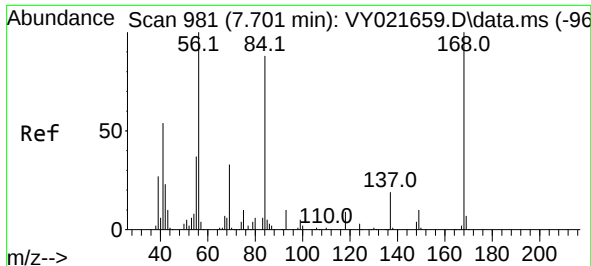
Tgt Ion: 83 Resp: 289560

Ion Ratio Lower Upper

83 100

85 67.0 50.6 75.8

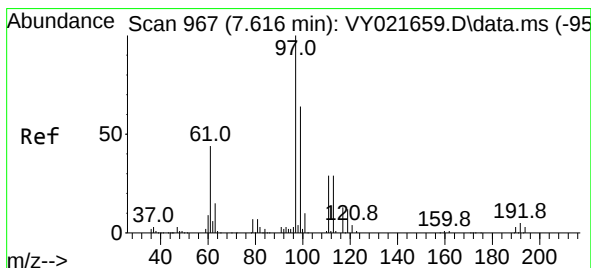
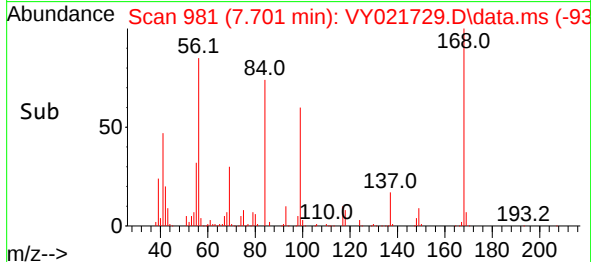
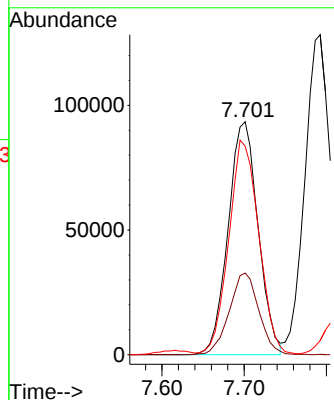
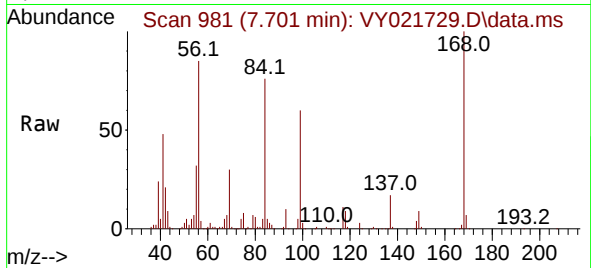




#31
Cyclohexane
Concen: 45.500 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

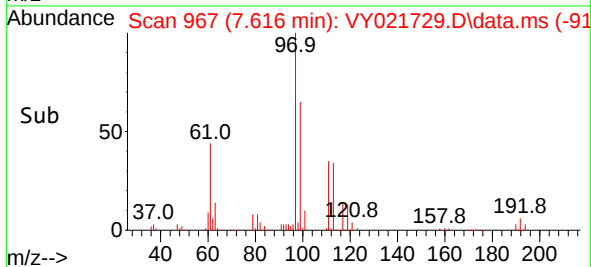
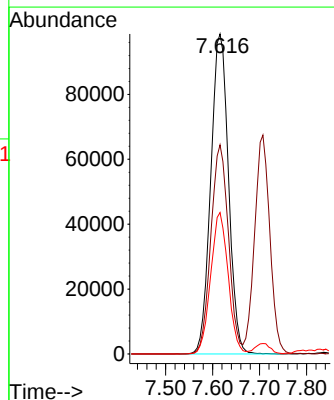
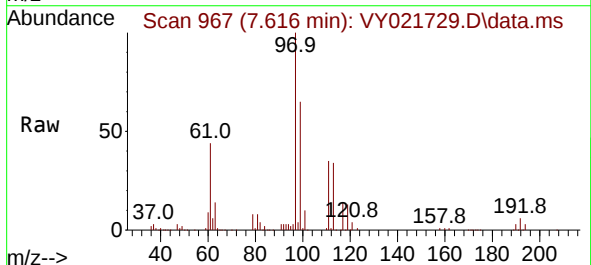
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

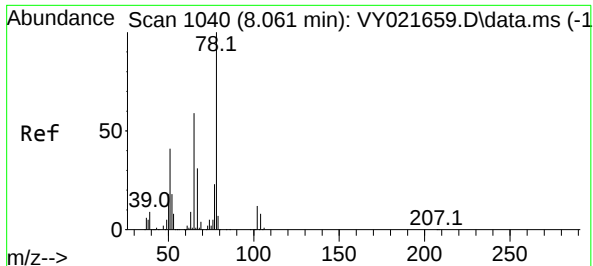
Tgt Ion: 56 Resp: 236889
Ion Ratio Lower Upper
56 100
69 35.0 26.6 40.0
84 88.0 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 48.121 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 97 Resp: 258359
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 43.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.334 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

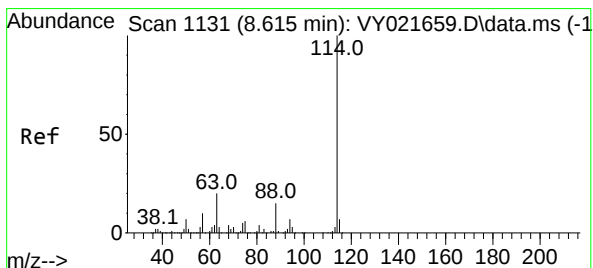
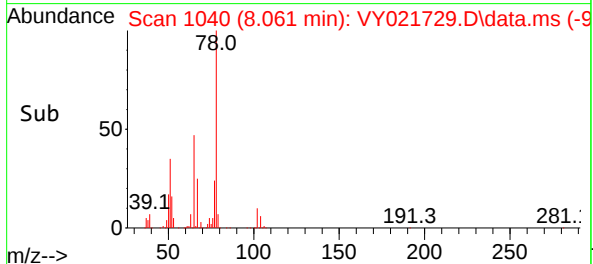
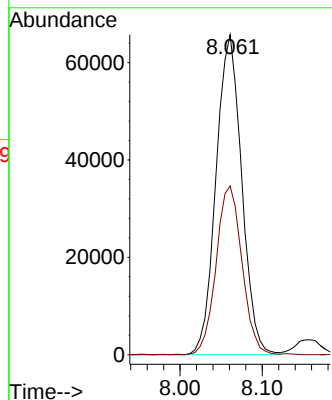
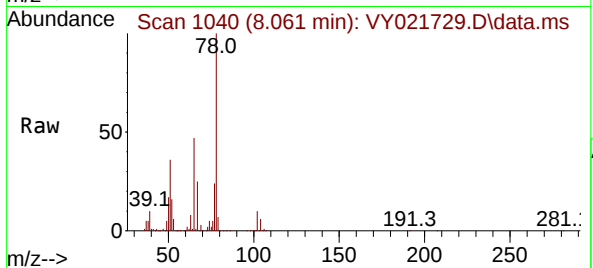
VSTDCCC050EC

Tgt Ion: 65 Resp: 142577

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

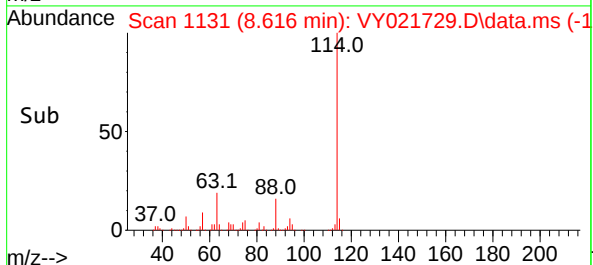
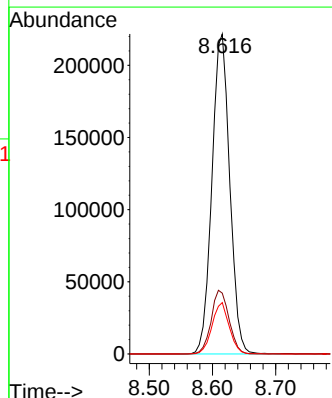
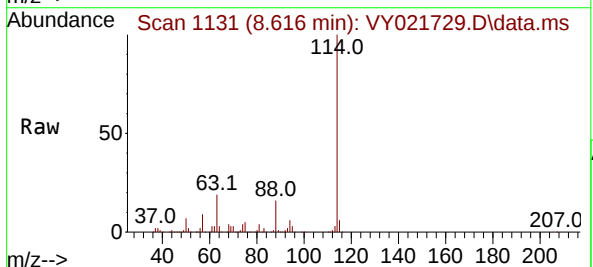
Tgt Ion: 114 Resp: 433354

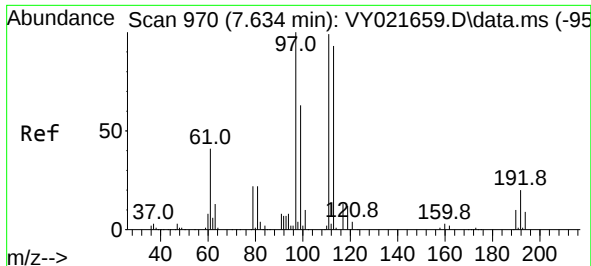
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 16.0 0.0 29.8

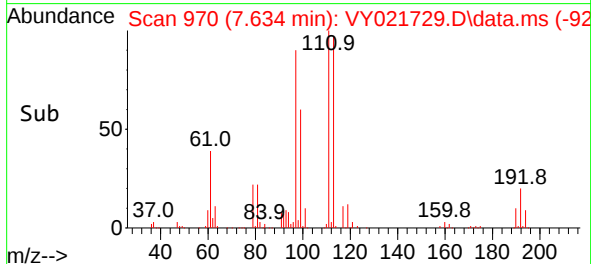
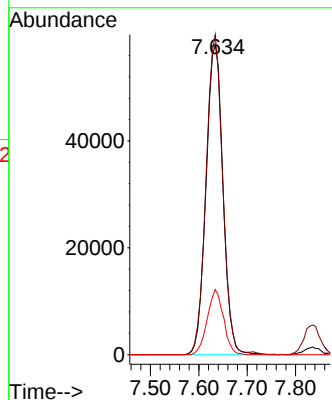
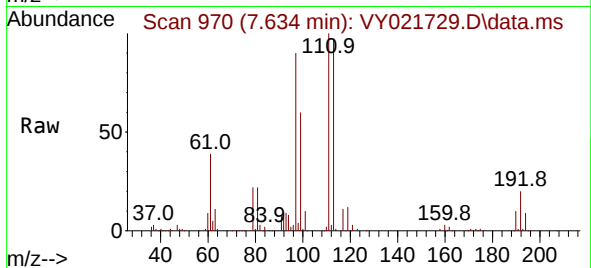




#35
Dibromofluoromethane
Concen: 50.226 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

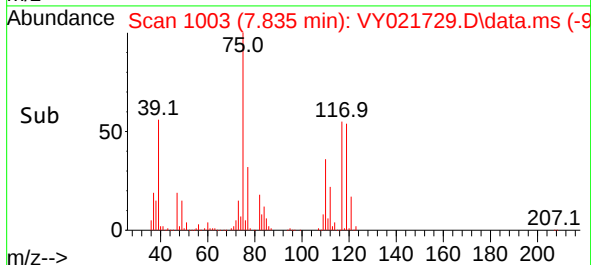
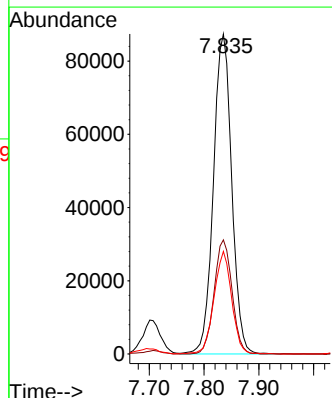
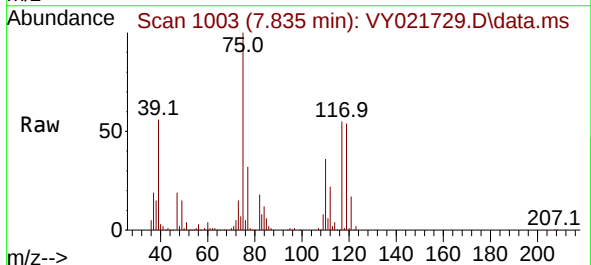
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

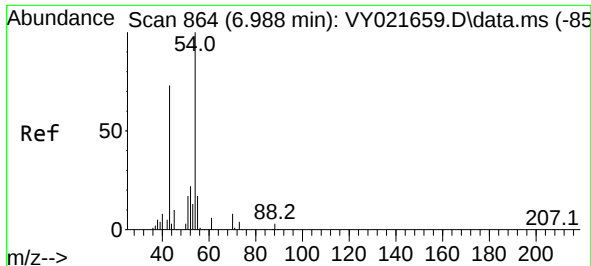
Tgt Ion:113 Resp: 141191
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 20.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 47.299 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 75 Resp: 202522
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 45.909 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

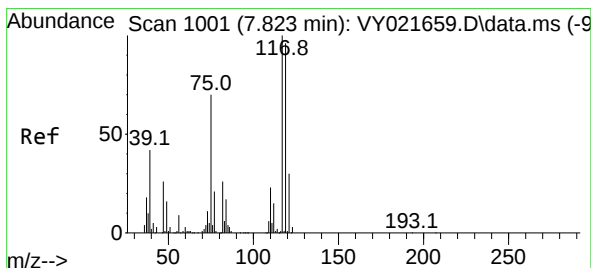
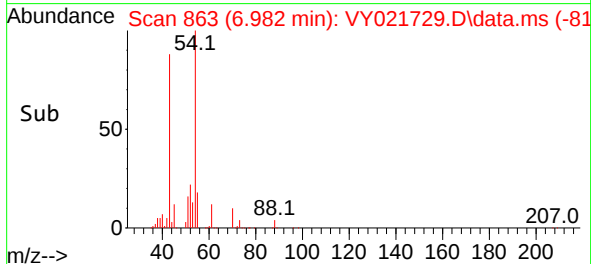
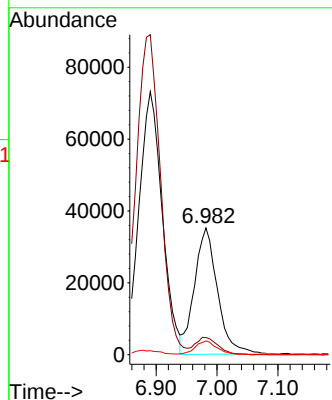
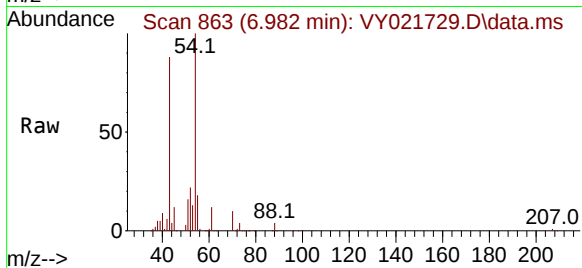
Tgt Ion: 43 Resp: 92770

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 10.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 47.939 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

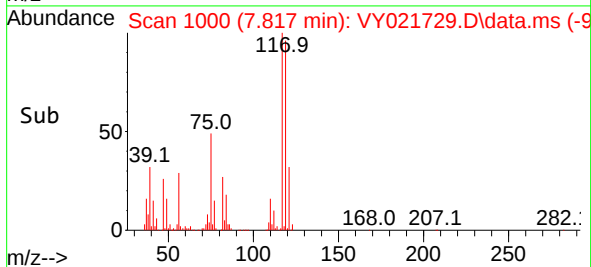
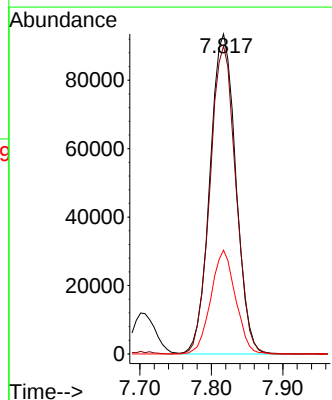
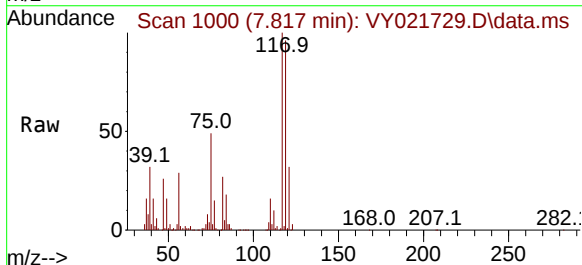
Tgt Ion: 117 Resp: 235093

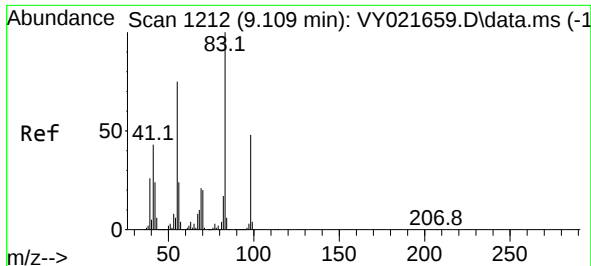
Ion Ratio Lower Upper

117 100

119 96.1 76.2 114.4

121 32.5 24.2 36.4





#39

Methylcyclohexane

Concen: 49.909 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

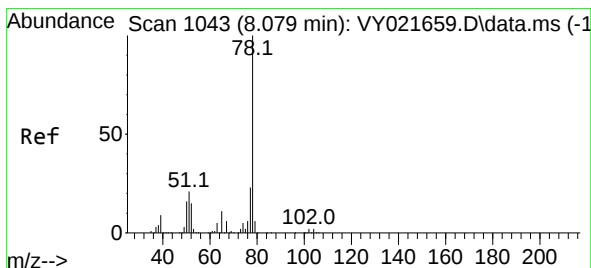
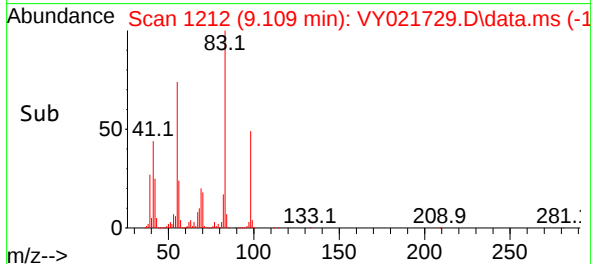
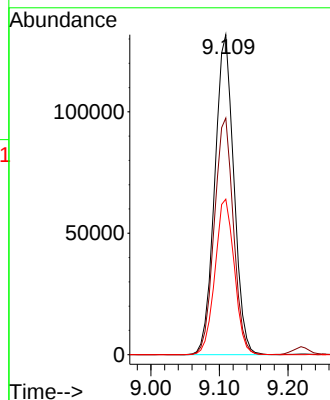
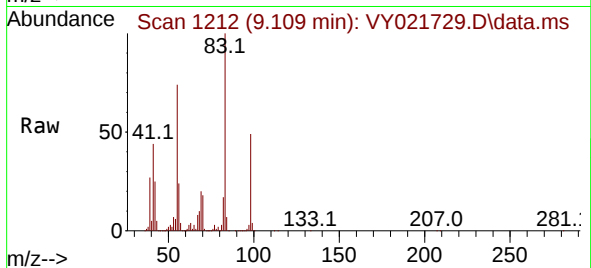
Tgt Ion: 83 Resp: 255286

Ion Ratio Lower Upper

83 100

55 73.9 59.7 89.5

98 48.6 38.3 57.5



#40

Benzene

Concen: 48.329 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021729.D

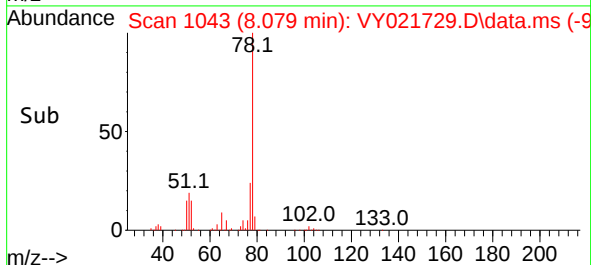
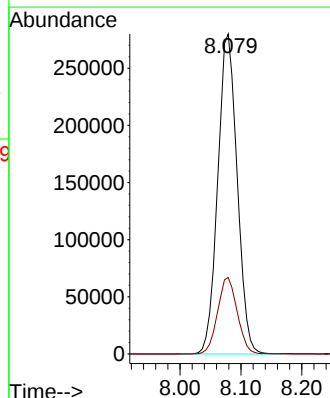
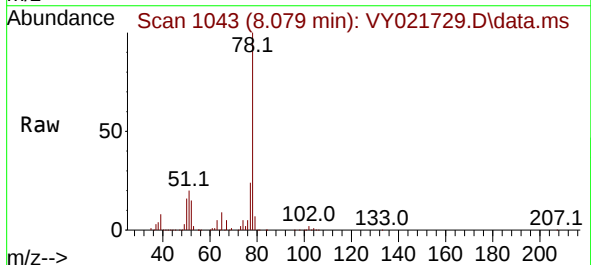
Acq: 31 Mar 2025 18:55

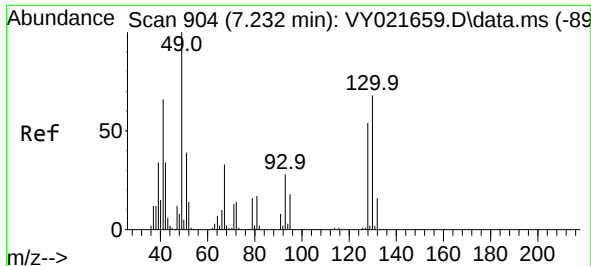
Tgt Ion: 78 Resp: 619709

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2

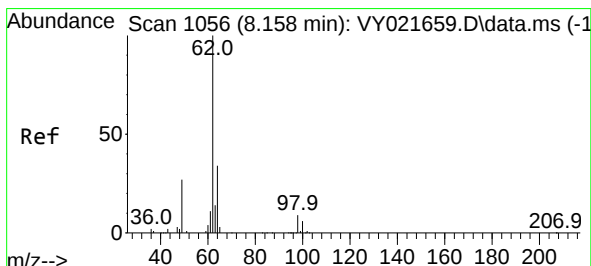
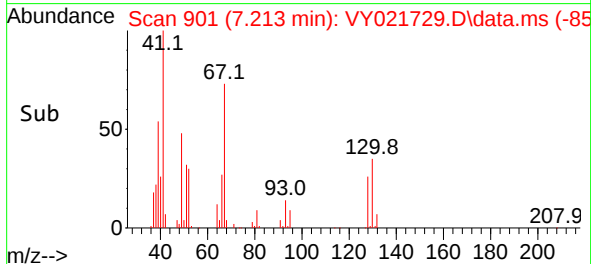
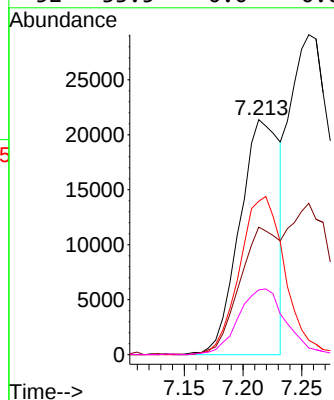
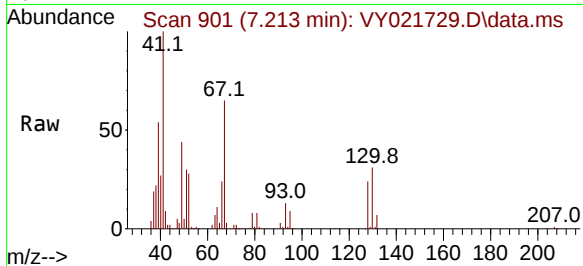




#41
Methacrylonitrile
Concen: 47.127 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

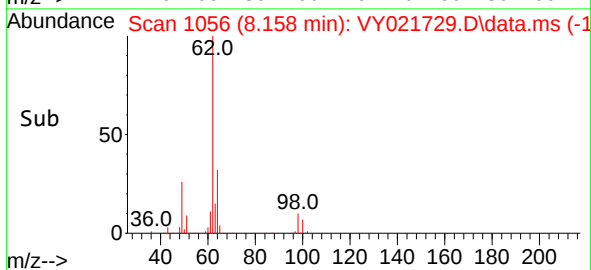
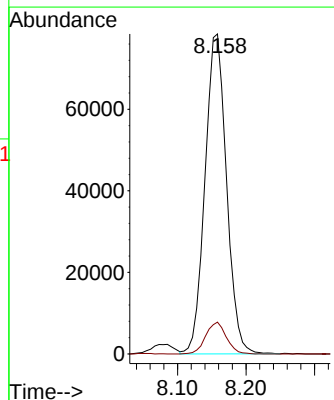
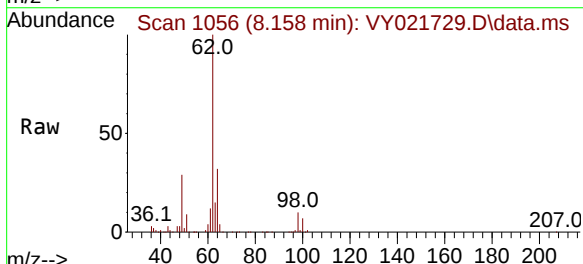
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

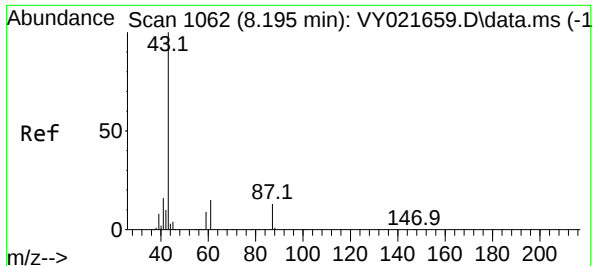
Tgt Ion: 41 Resp: 50574
Ion Ratio Lower Upper
41 100
39 54.2 0.0 0.0#
67 76.1 0.0 0.0#
52 33.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 47.488 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 62 Resp: 171664
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4

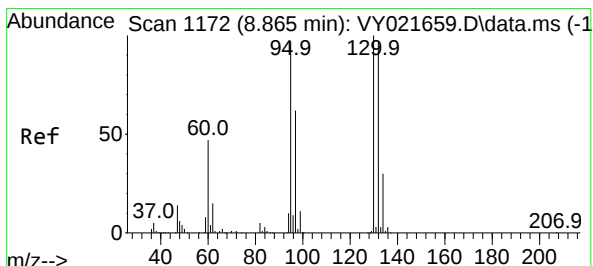
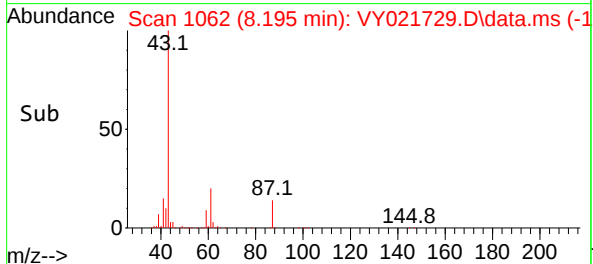
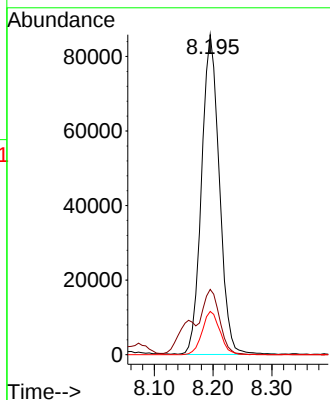
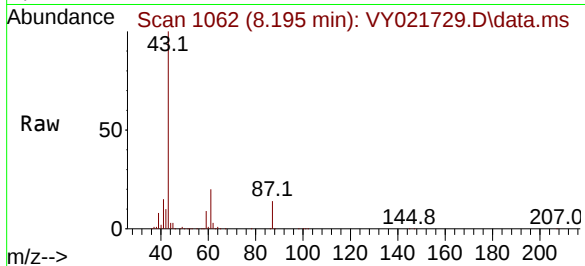




#43
Isopropyl Acetate
Concen: 47.116 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

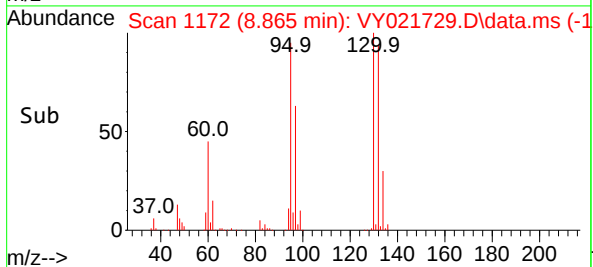
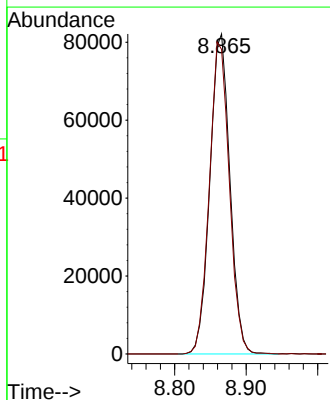
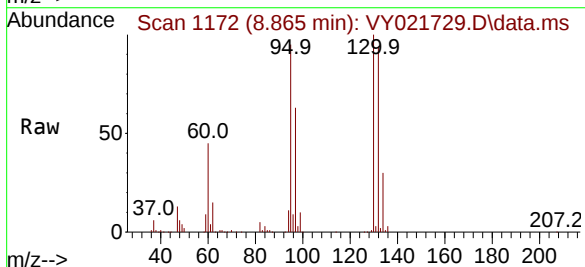
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

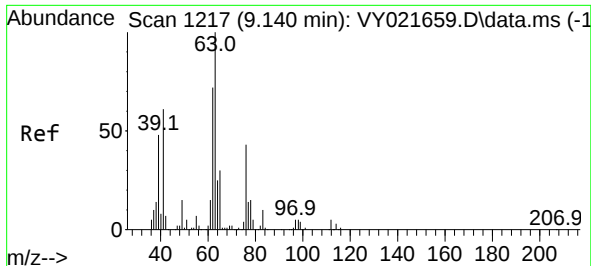
Tgt Ion: 43 Resp: 180427
Ion Ratio Lower Upper
43 100
61 20.0 15.9 23.9
87 13.5 10.4 15.6



#44
Trichloroethene
Concen: 48.851 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion:130 Resp: 159602
Ion Ratio Lower Upper
130 100
95 95.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 48.752 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

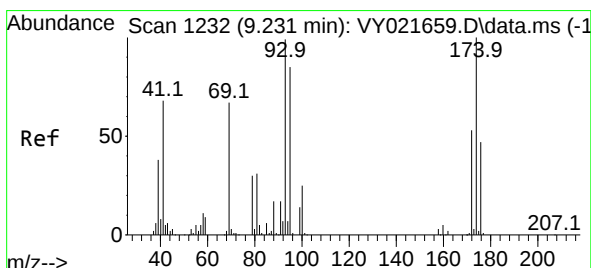
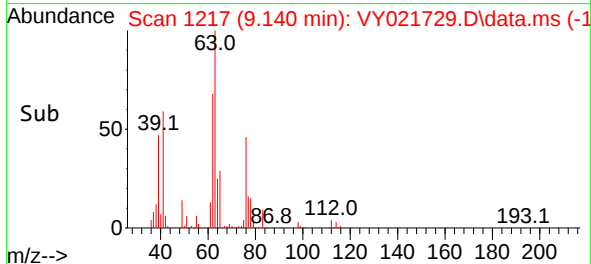
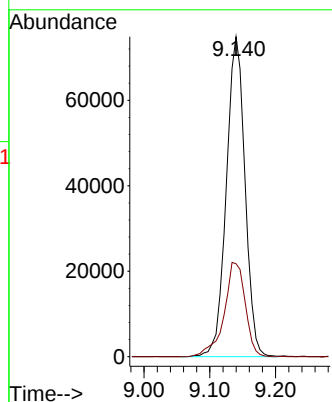
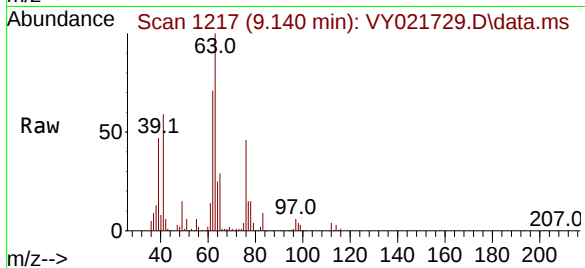
VSTDCCC050EC

Tgt Ion: 63 Resp: 147973

Ion Ratio Lower Upper

63 100

65 29.0 24.4 36.6



#46

Dibromomethane

Concen: 49.640 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

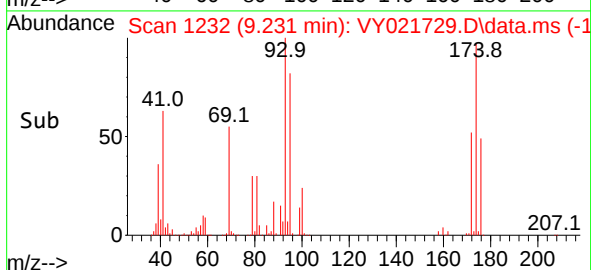
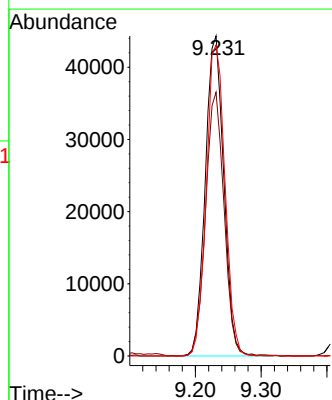
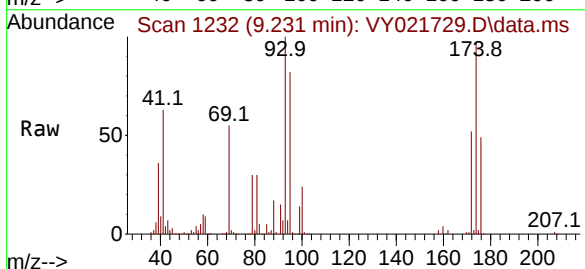
Tgt Ion: 93 Resp: 86834

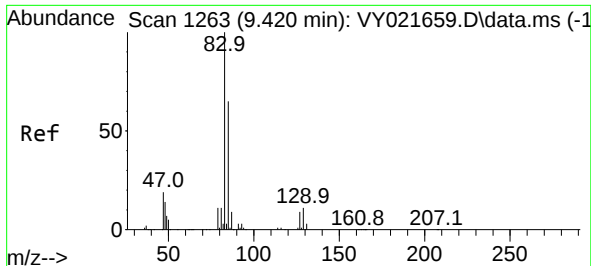
Ion Ratio Lower Upper

93 100

95 82.1 68.1 102.1

174 97.9 80.9 121.3

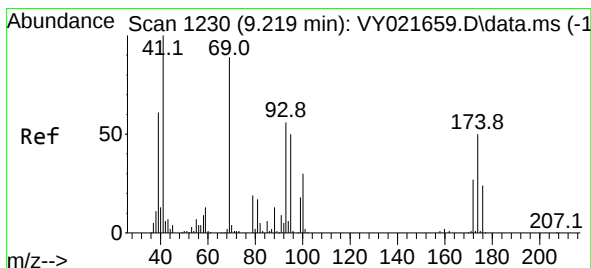
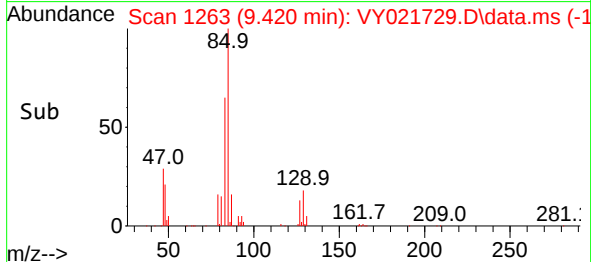
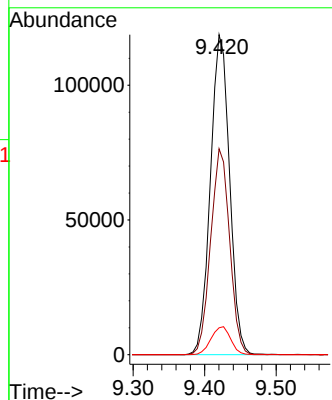
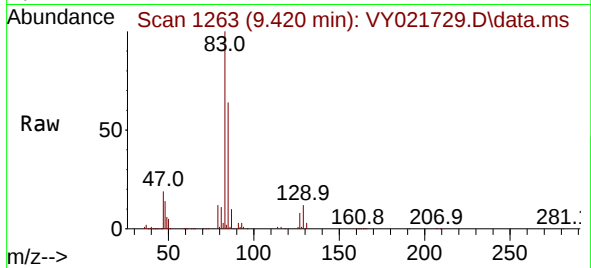




#47
Bromodichloromethane
Concen: 48.717 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

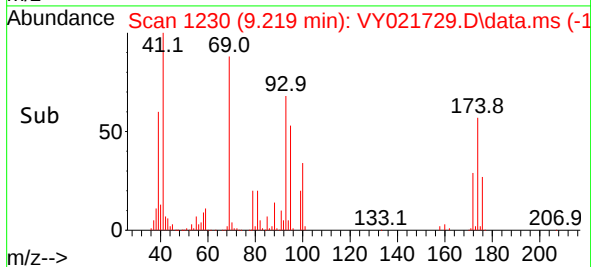
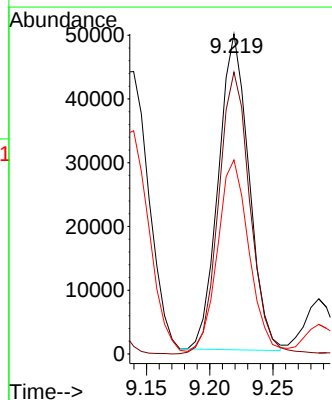
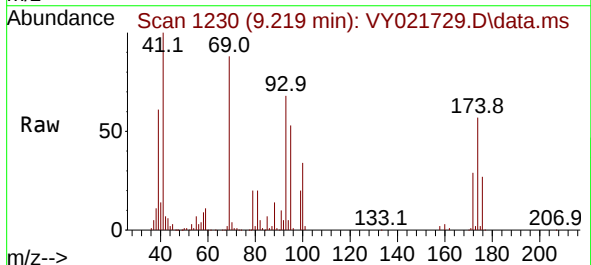
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

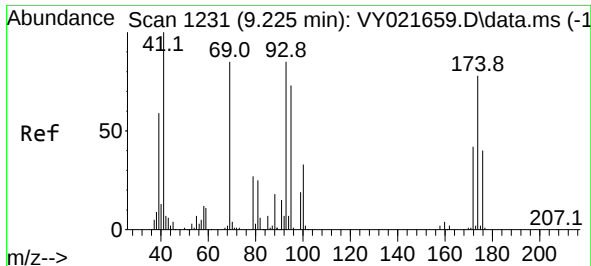
Tgt Ion: 83 Resp: 220817
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 47.411 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 41 Resp: 83327
Ion Ratio Lower Upper
41 100
69 92.1 69.8 104.8
39 61.9 47.2 70.8





#49

1,4-Dioxane

Concen: 1024.806 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

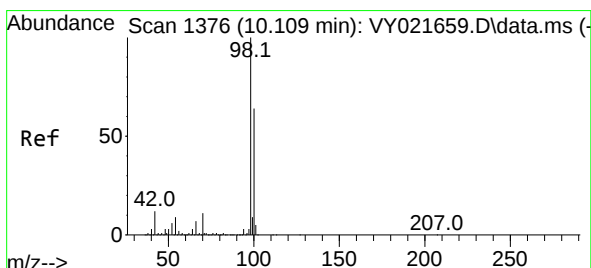
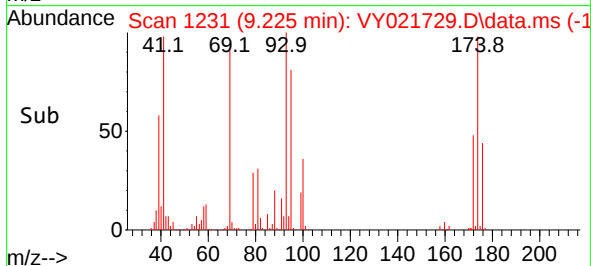
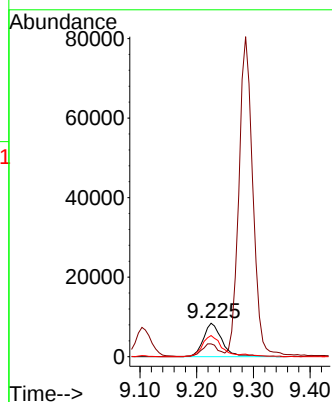
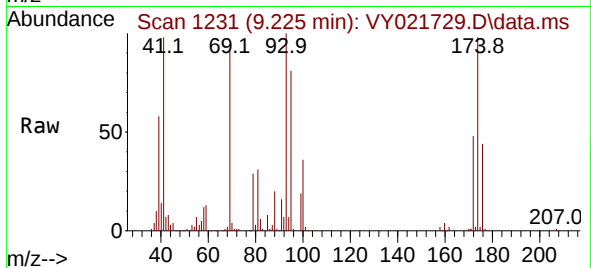
Tgt Ion: 88 Resp: 19204

Ion Ratio Lower Upper

88 100

43 33.2 28.8 43.2

58 63.6 59.4 89.2



#50

Toluene-d8

Concen: 49.615 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021729.D

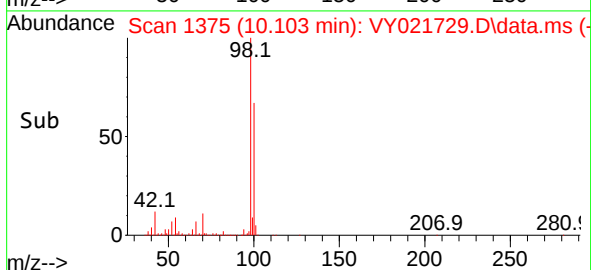
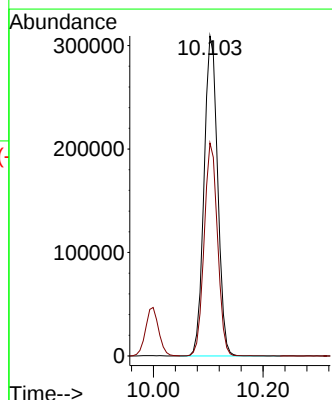
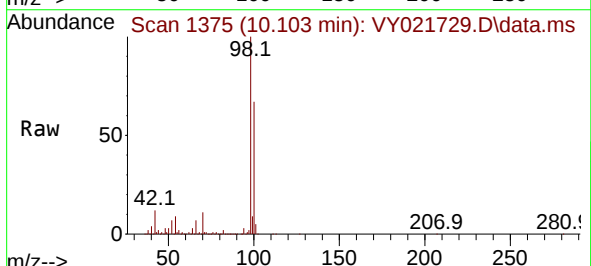
Acq: 31 Mar 2025 18:55

Tgt Ion: 98 Resp: 530598

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1

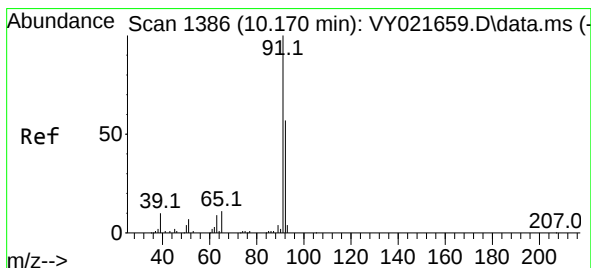
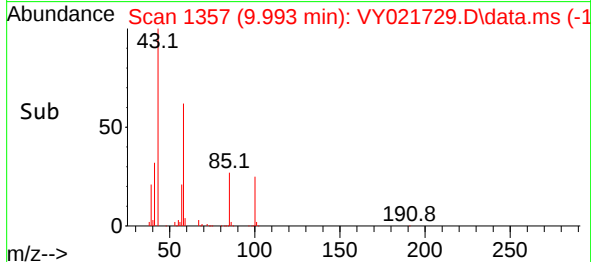
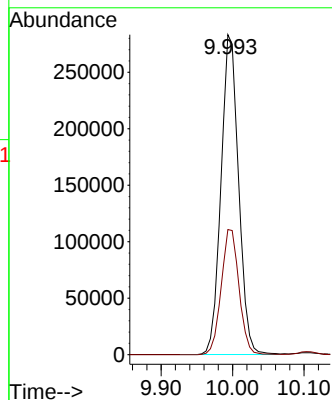
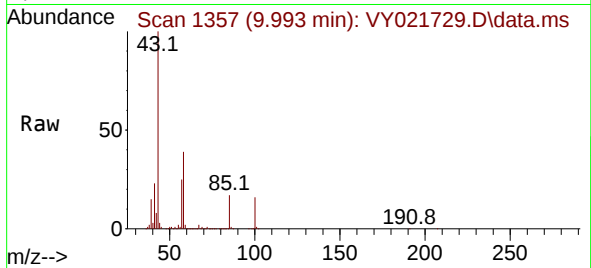




#51
4-Methyl-2-Pentanone
Concen: 242.606 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

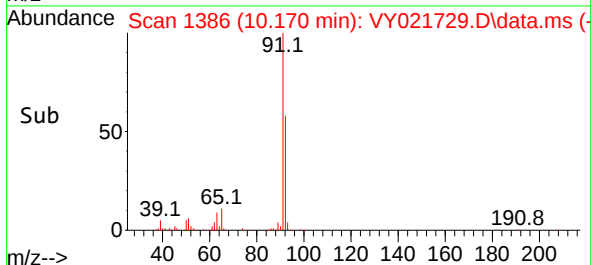
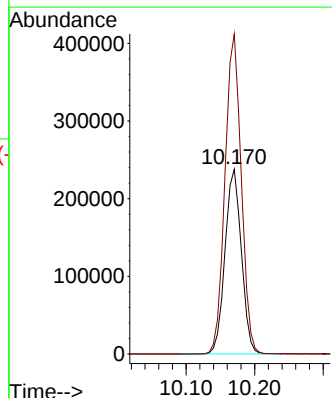
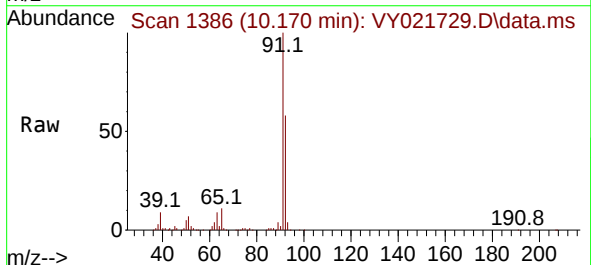
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

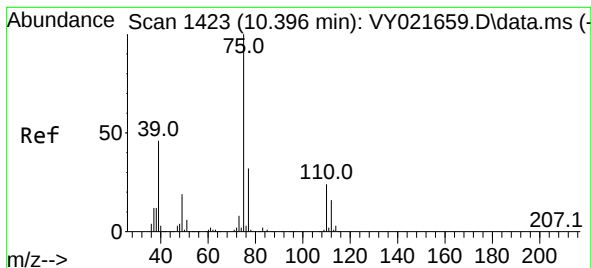
Tgt Ion: 43 Resp: 483472
Ion Ratio Lower Upper
43 100
58 39.7 31.5 47.3



#52
Toluene
Concen: 49.179 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 92 Resp: 393440
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8

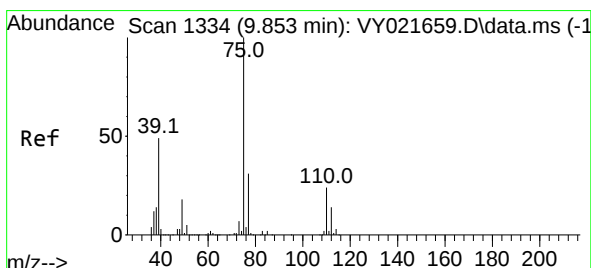
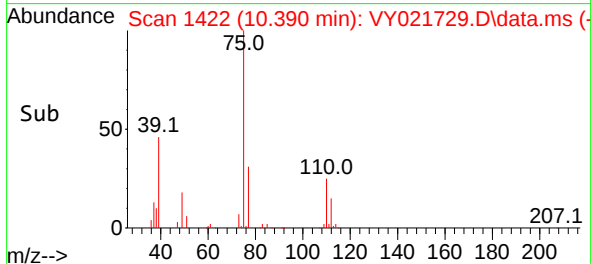
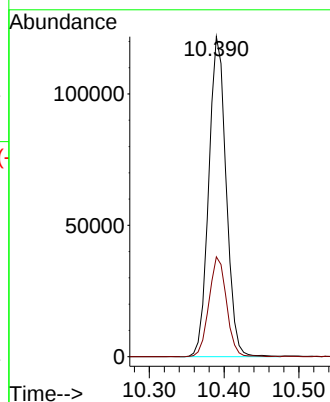
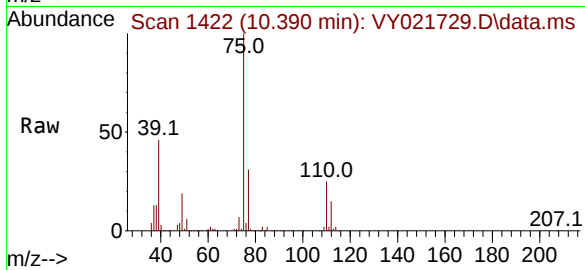




#53
 t-1,3-Dichloropropene
 Concen: 48.949 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

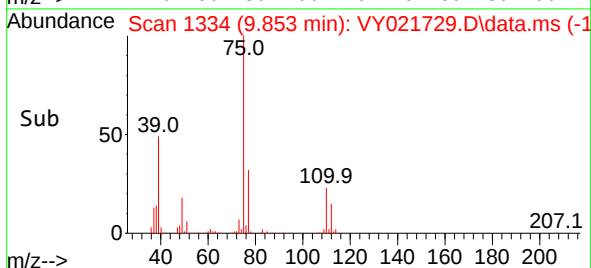
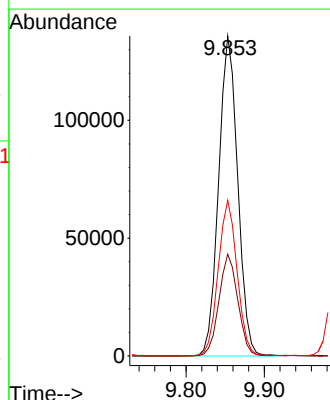
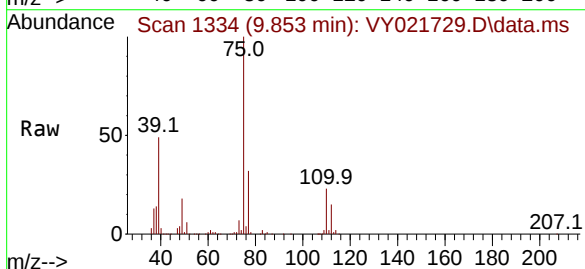
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

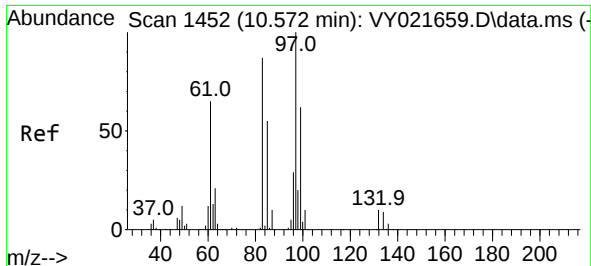
Tgt Ion: 75 Resp: 197069
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.447 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

Tgt Ion: 75 Resp: 230104
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3
 39 48.7 39.2 58.8

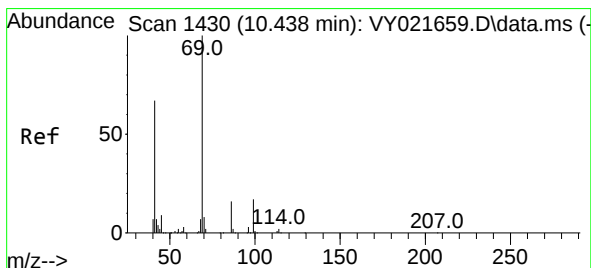
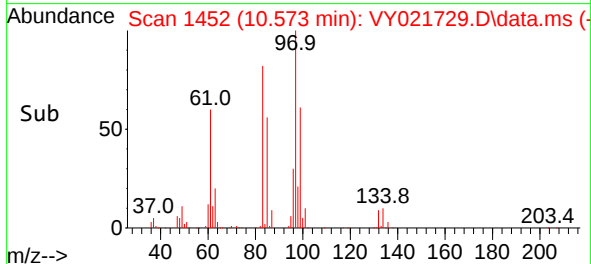
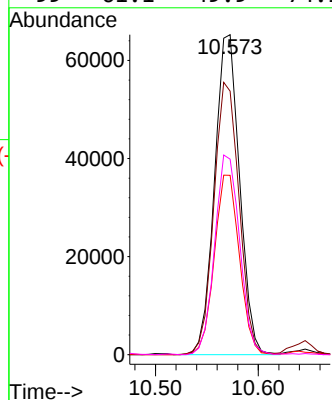
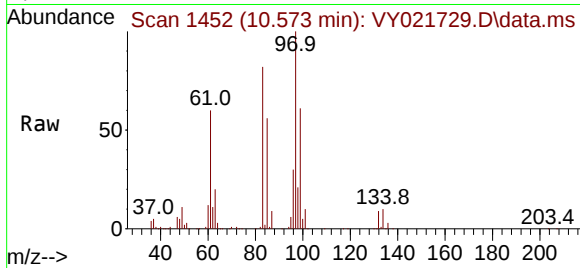




#55
1,1,2-Trichloroethane
Concen: 49.064 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

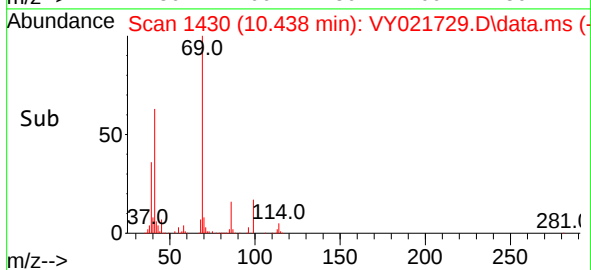
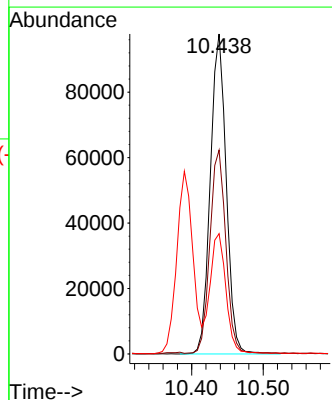
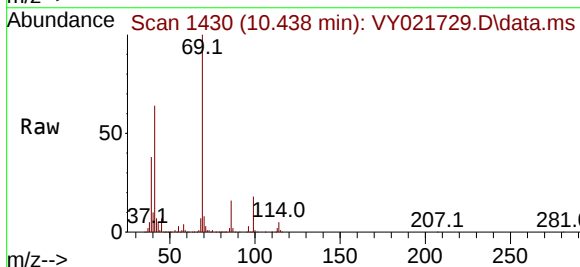
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	110448
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.5	104.3
85	56.0	43.9	65.9
99	61.1	49.9	74.9



#56
Ethyl methacrylate
Concen: 52.550 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion:	69	Resp:	151051
Ion	Ratio	Lower	Upper
69	100		
41	63.7	53.8	80.6
39	37.5	29.6	44.4





#57

1,3-Dichloropropane

Concen: 49.011 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

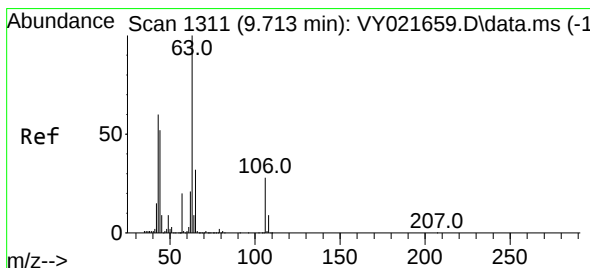
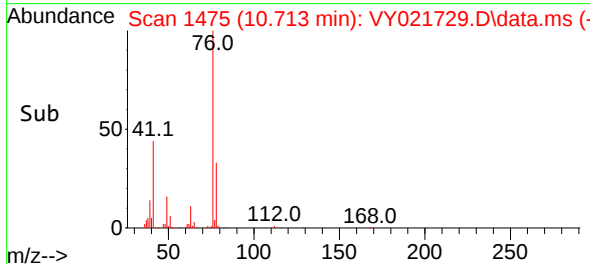
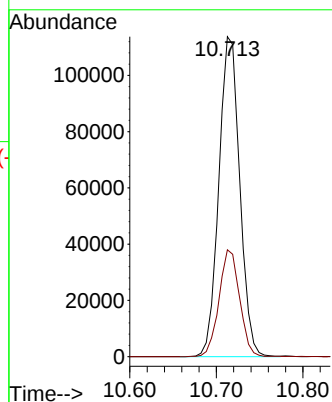
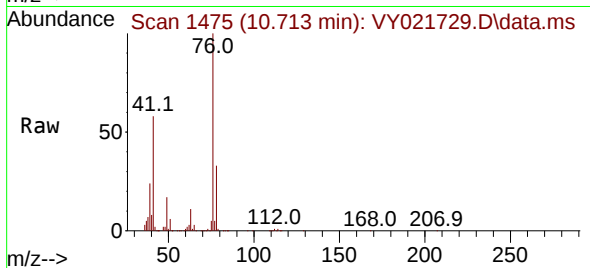
VSTDCCC050EC

Tgt Ion: 76 Resp: 190542

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 261.697 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021729.D

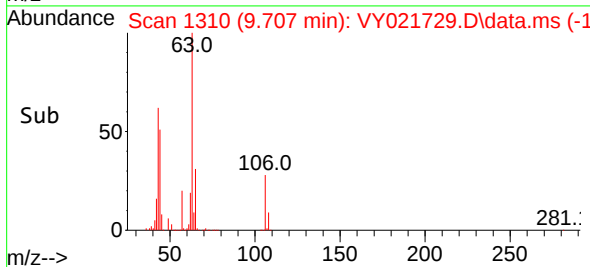
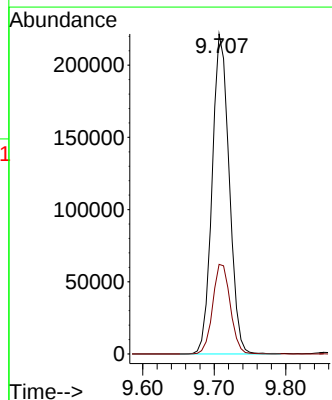
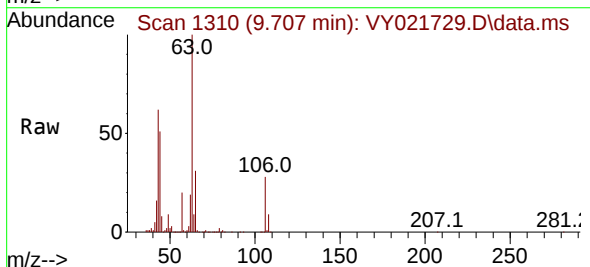
Acq: 31 Mar 2025 18:55

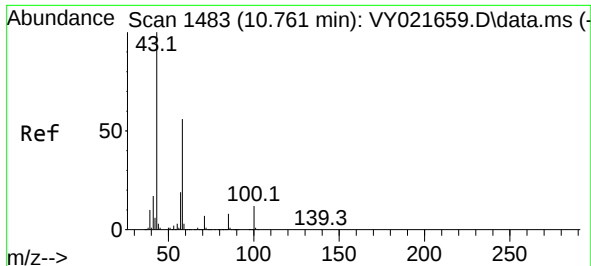
Tgt Ion: 63 Resp: 366959

Ion Ratio Lower Upper

63 100

106 28.8 22.4 33.6

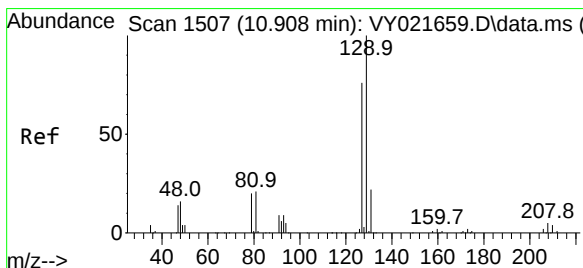
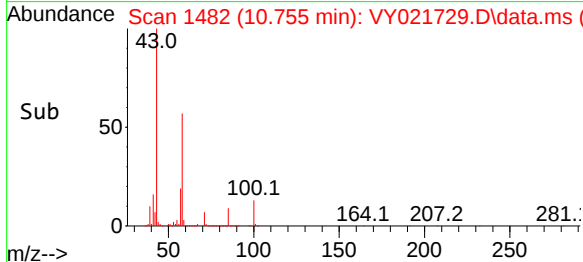
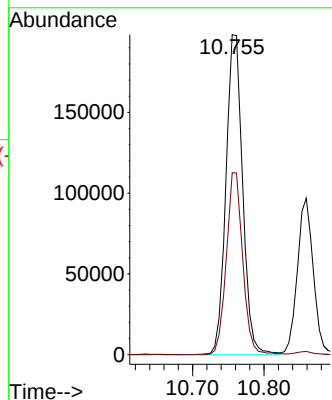
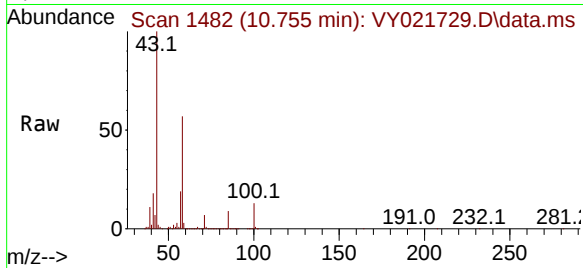




#59
2-Hexanone
Concen: 242.411 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

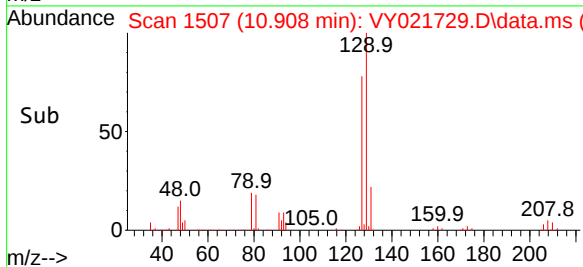
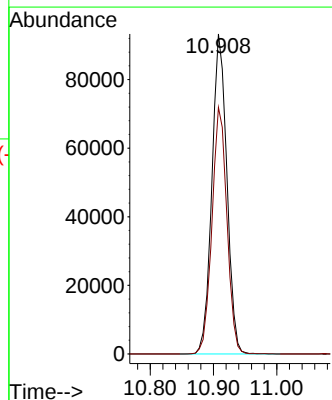
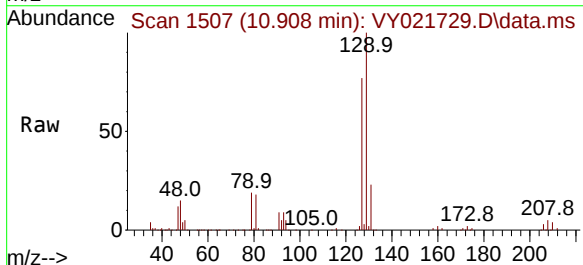
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

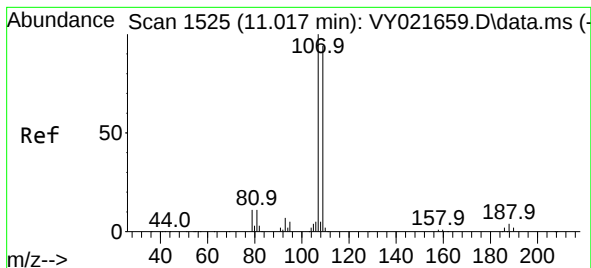
Tgt Ion: 43 Resp: 321727
Ion Ratio Lower Upper
43 100
58 55.8 27.2 81.5



#60
Dibromochloromethane
Concen: 49.920 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 129 Resp: 153429
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

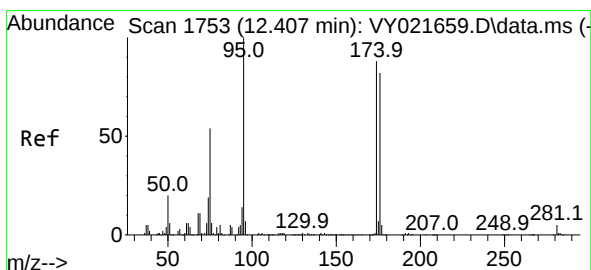
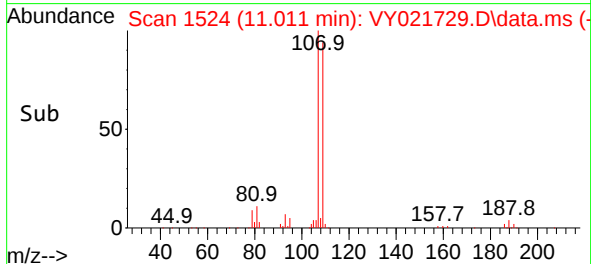
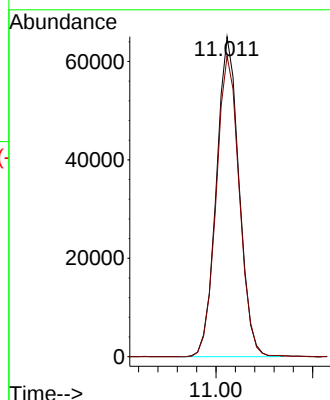
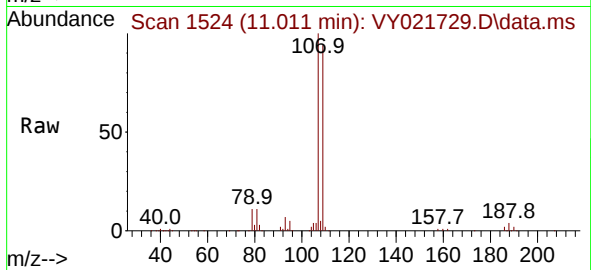




#61
1,2-Dibromoethane
Concen: 49.912 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

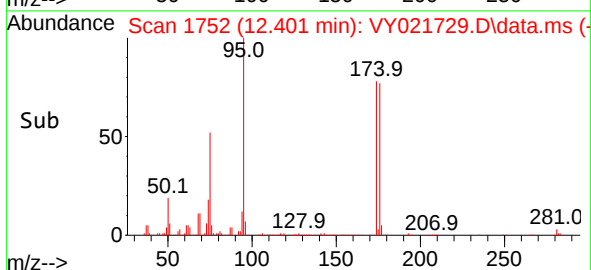
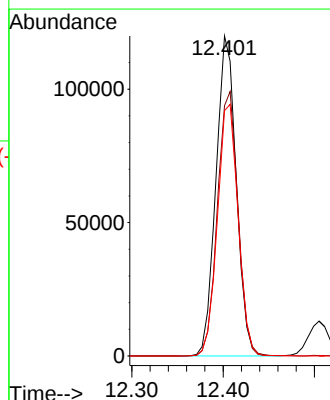
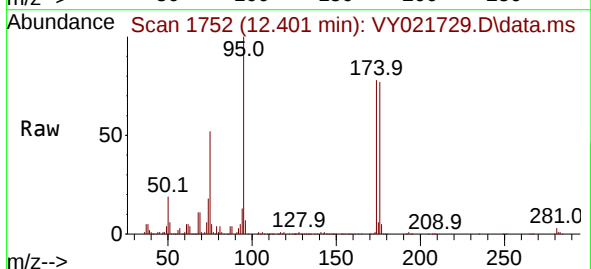
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

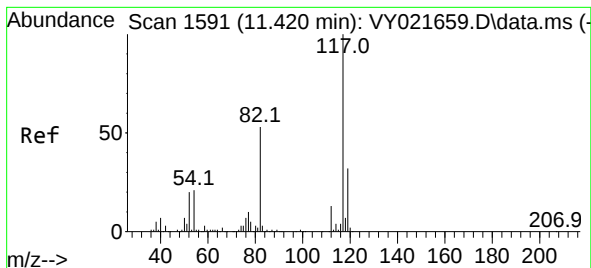
Tgt Ion:107 Resp: 105400
Ion Ratio Lower Upper
107 100
109 95.8 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.120 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 95 Resp: 184917
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.8
176 80.4 0.0 162.0

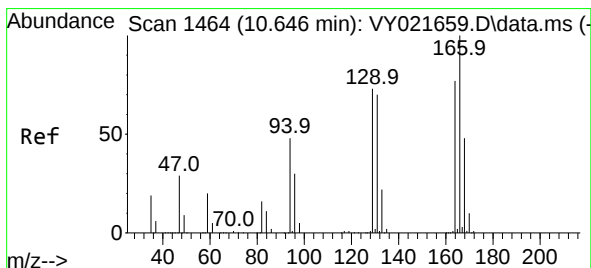
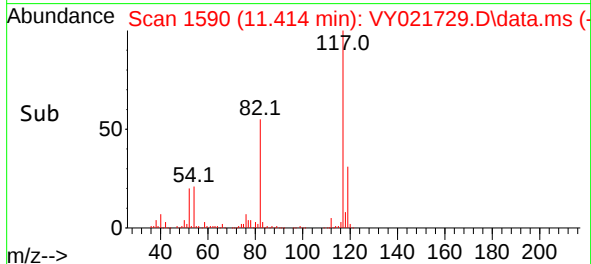
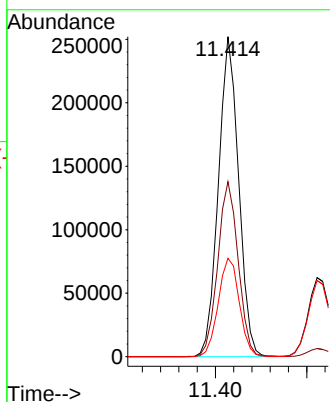
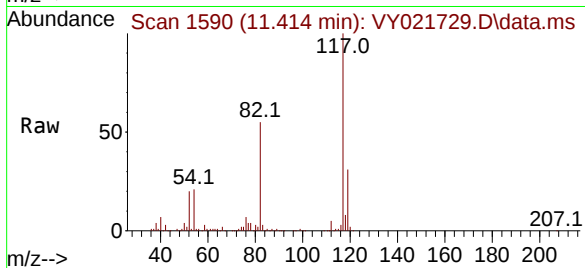




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

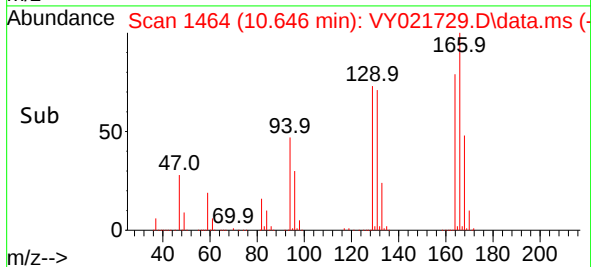
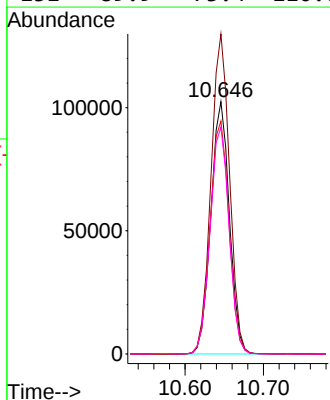
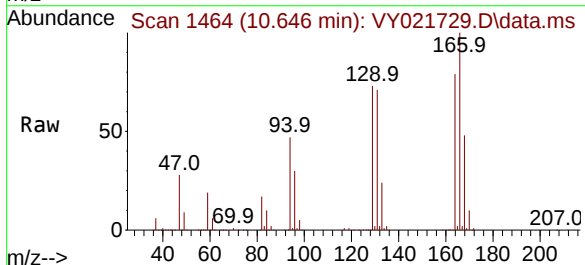
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

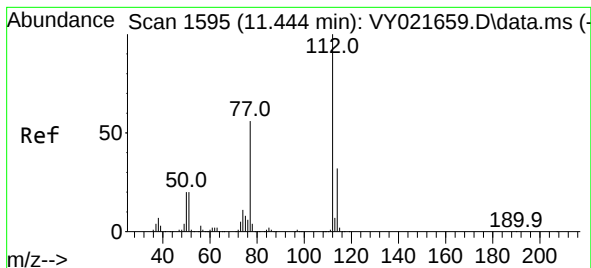
Tgt Ion:117 Resp: 387791
Ion Ratio Lower Upper
117 100
82 54.7 42.8 64.2
119 30.8 25.7 38.5



#64
Tetrachloroethene
Concen: 47.710 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion:164 Resp: 168508
Ion Ratio Lower Upper
164 100
166 126.8 104.6 156.8
129 92.3 76.6 114.8
131 89.9 73.4 110.0





#65

Chlorobenzene

Concen: 48.112 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

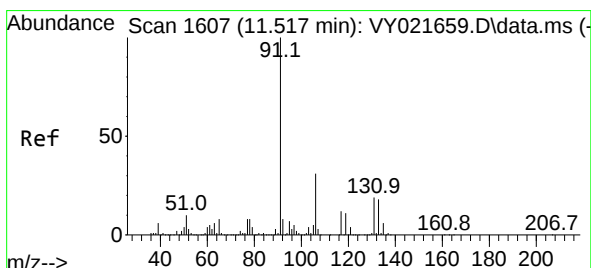
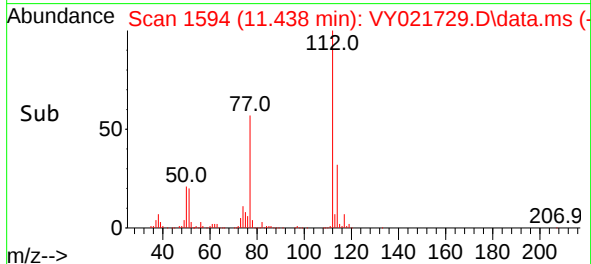
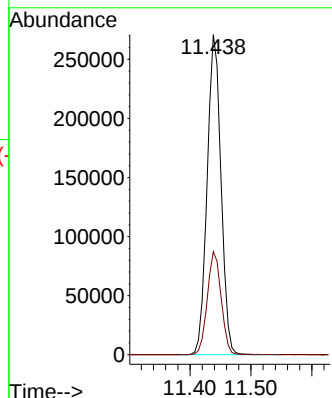
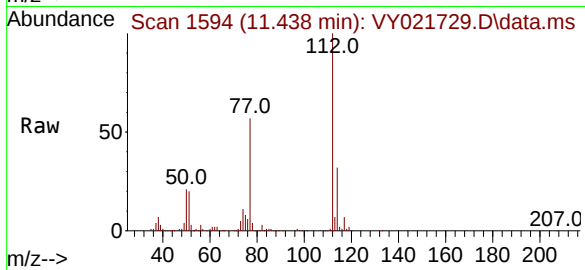
VSTDCCC050EC

Tgt Ion:112 Resp: 427687

Ion Ratio Lower Upper

112 100

114 32.2 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 48.986 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

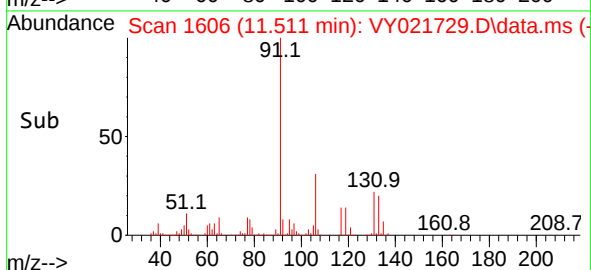
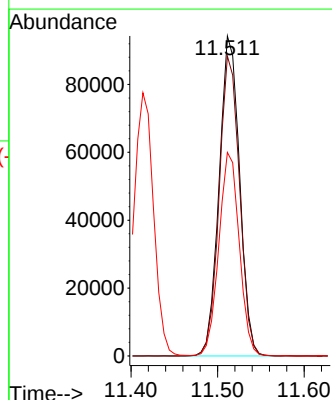
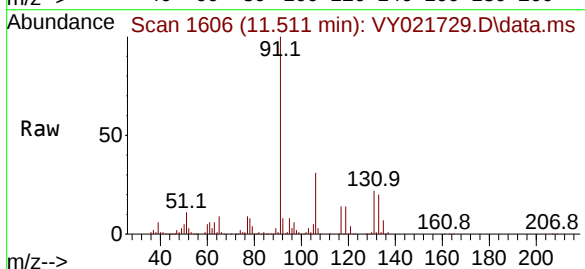
Tgt Ion:131 Resp: 154500

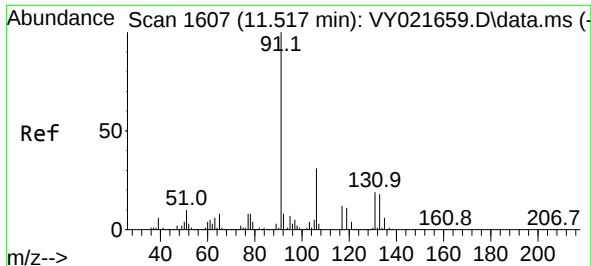
Ion Ratio Lower Upper

131 100

133 93.7 47.3 141.8

119 63.6 31.6 95.0

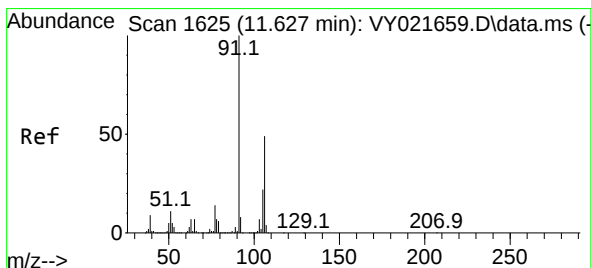
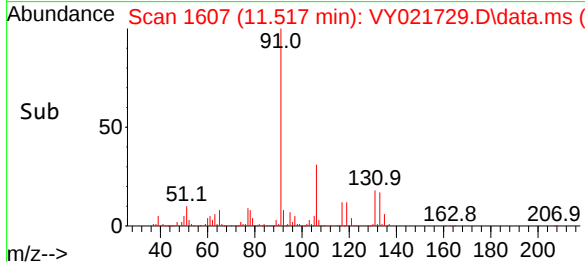
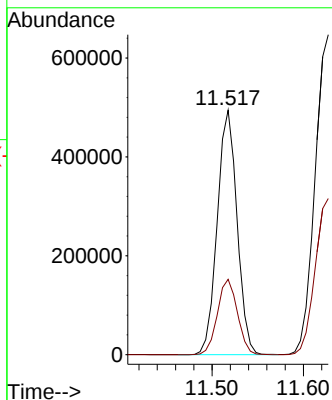
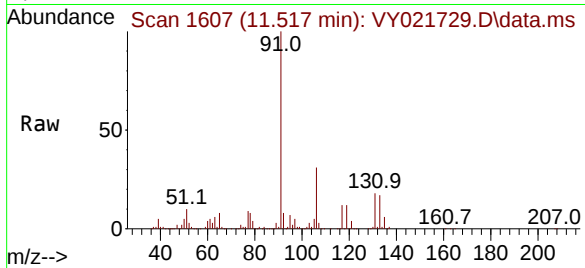




#67
Ethyl Benzene
Concen: 48.913 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

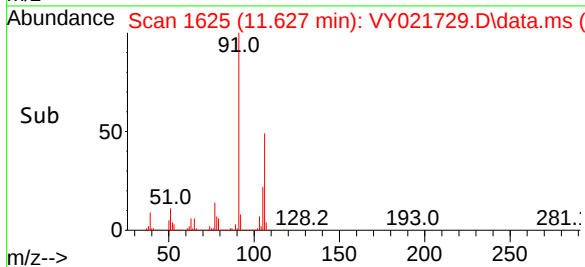
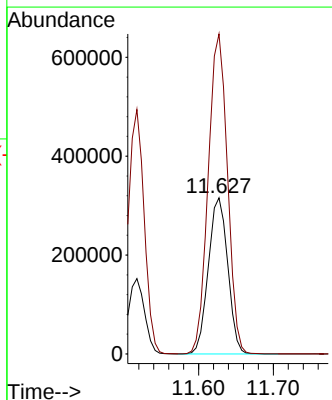
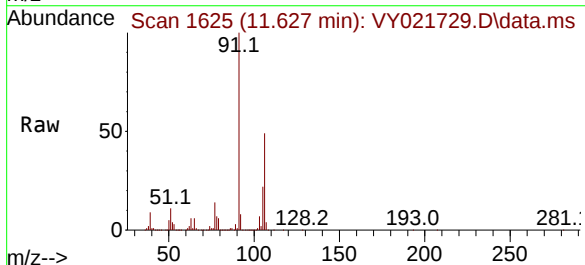
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

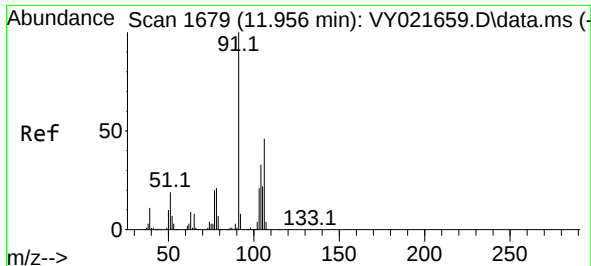
Tgt Ion: 91 Resp: 745607
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 97.555 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion:106 Resp: 569445
Ion Ratio Lower Upper
106 100
91 203.2 162.4 243.6

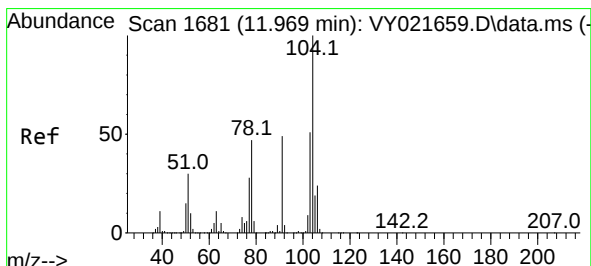
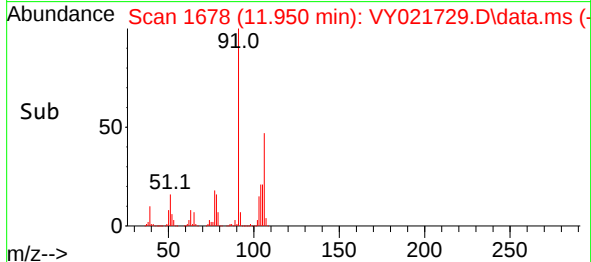
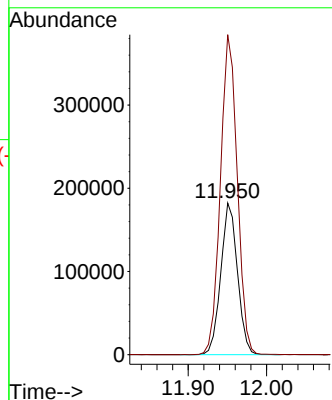
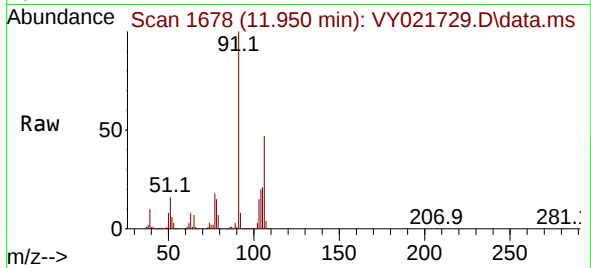




#69
o-Xylene
Concen: 50.069 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

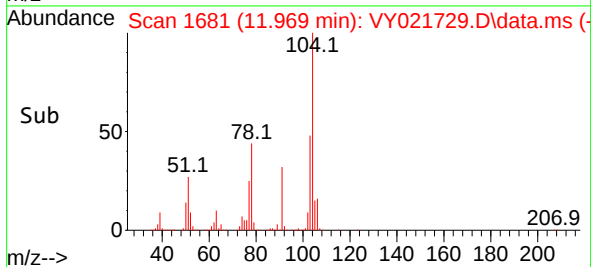
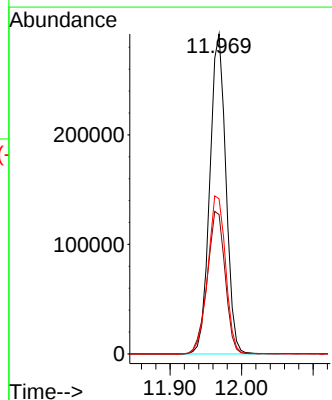
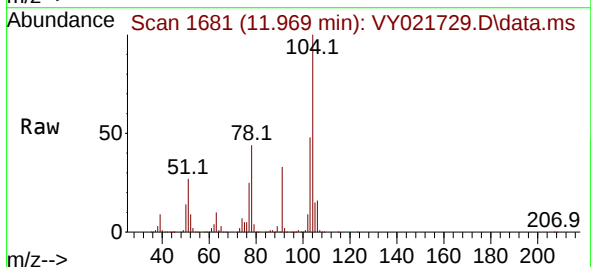
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 269778
Ion Ratio Lower Upper
106 100
91 213.6 106.7 319.9



#70
Styrene
Concen: 50.845 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion:104 Resp: 456782
Ion Ratio Lower Upper
104 100
78 49.7 40.8 61.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 48.868 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

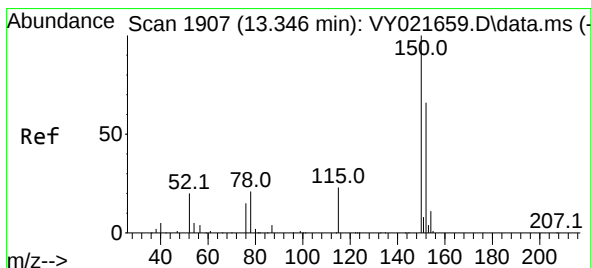
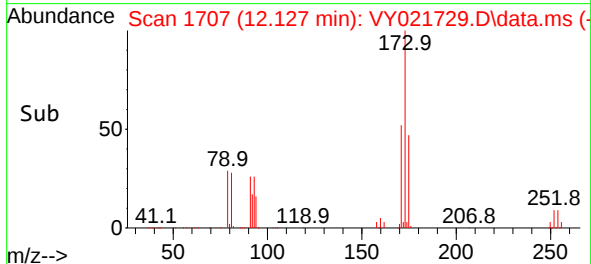
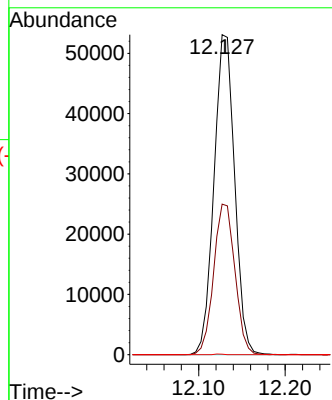
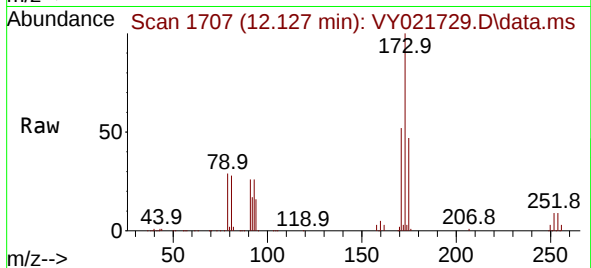
Tgt Ion:173 Resp: 87918

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

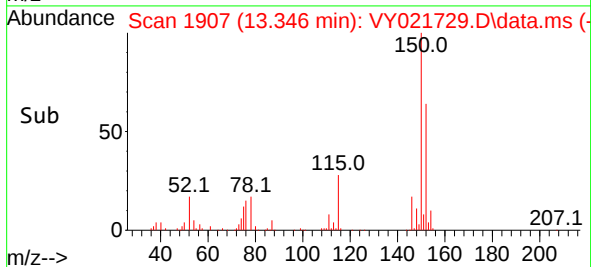
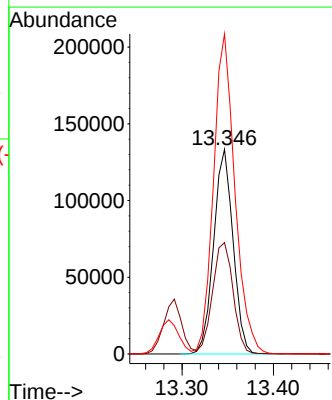
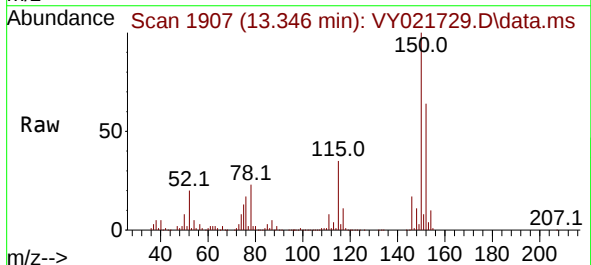
Tgt Ion:152 Resp: 196709

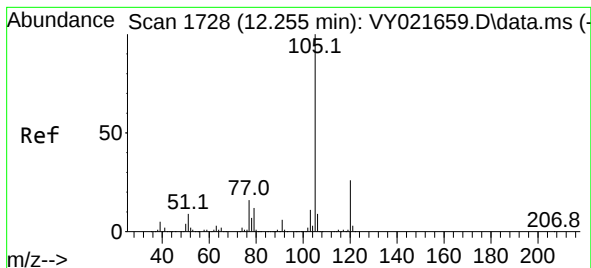
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 172.4 0.0 348.4





#73

Isopropylbenzene

Concen: 48.851 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

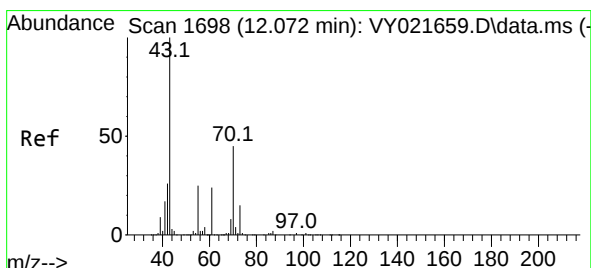
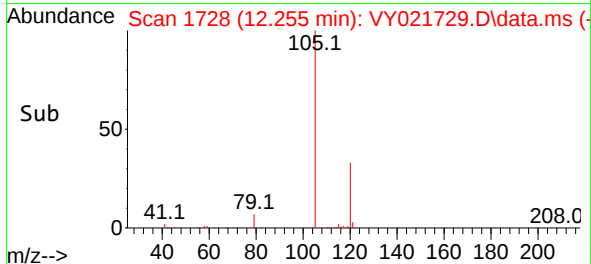
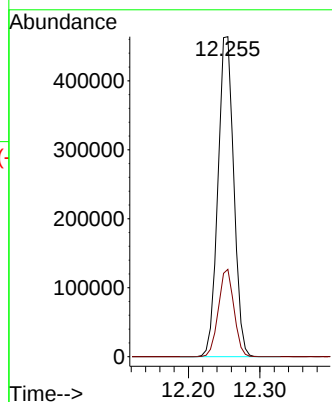
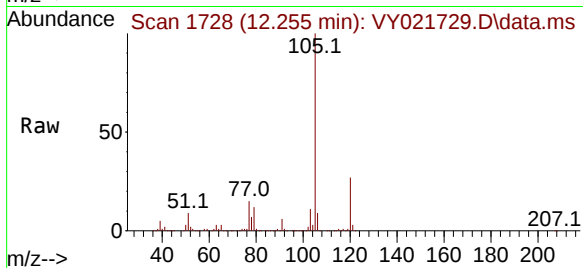
VSTDCCC050EC

Tgt Ion:105 Resp: 713735

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 47.569 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Tgt Ion: 43 Resp: 163110

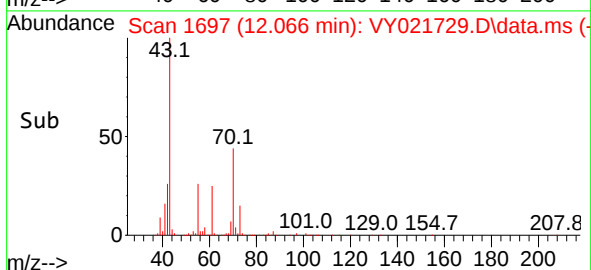
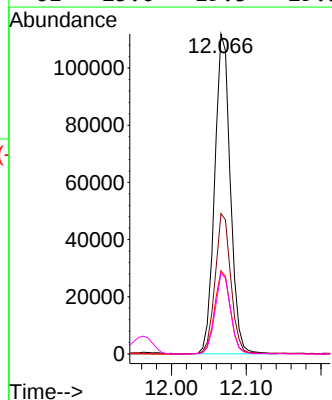
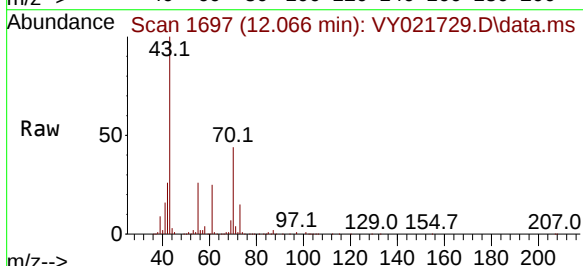
Ion Ratio Lower Upper

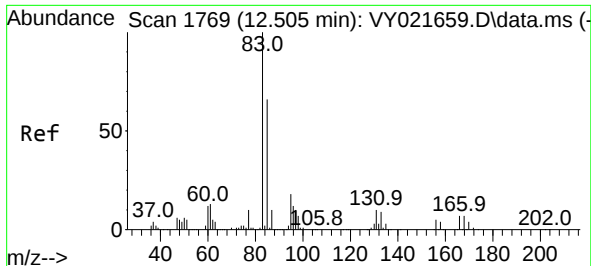
43 100

70 44.3 34.7 52.1

55 26.4 21.2 31.8

61 25.0 19.5 29.3

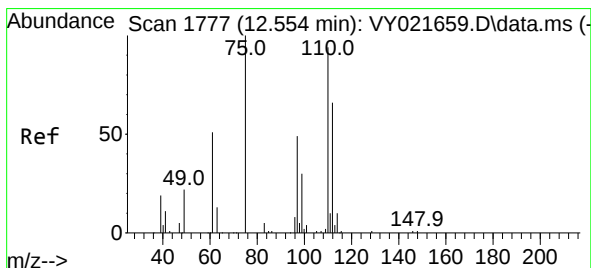
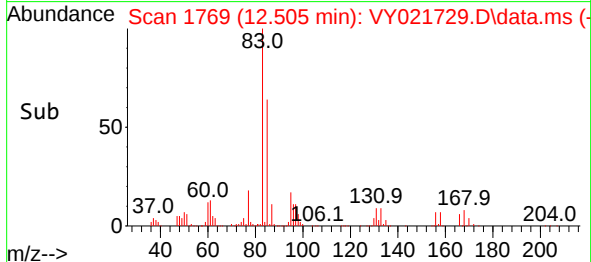
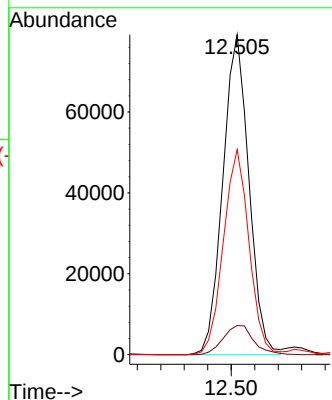
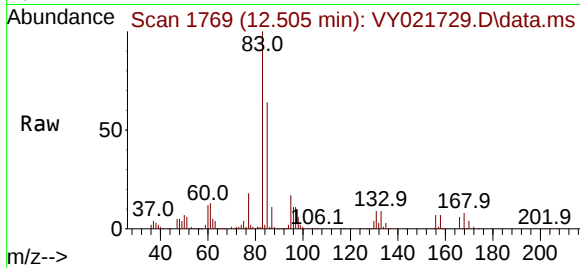




#75
 1,1,2-Tetrachloroethane
 Concen: 46.369 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

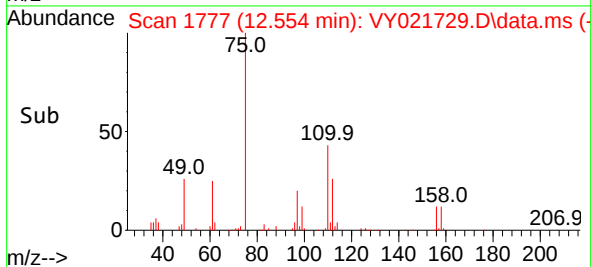
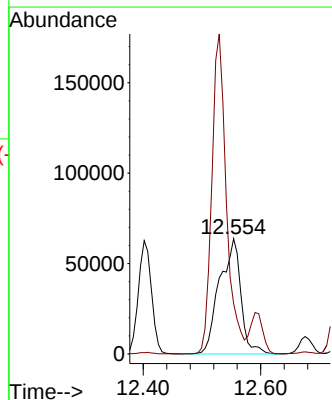
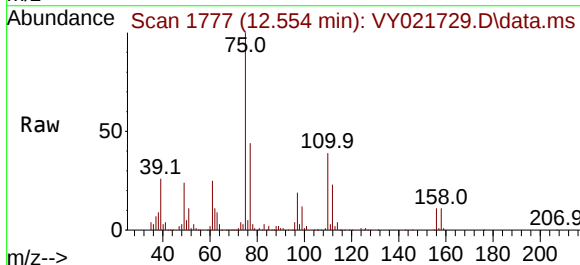
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

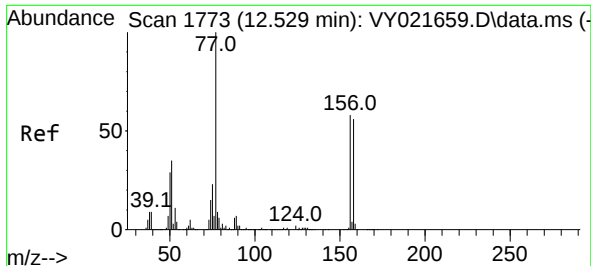
Tgt Ion: 83 Resp: 121801
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 63.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 82.659 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

Tgt Ion: 75 Resp: 161176
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

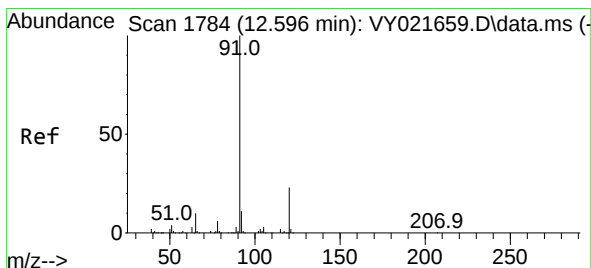
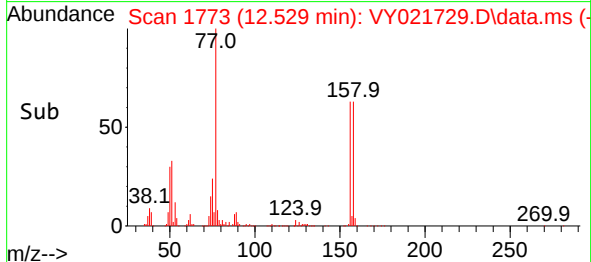
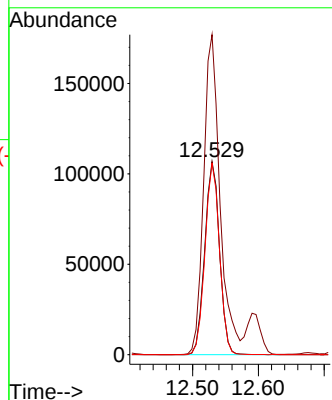
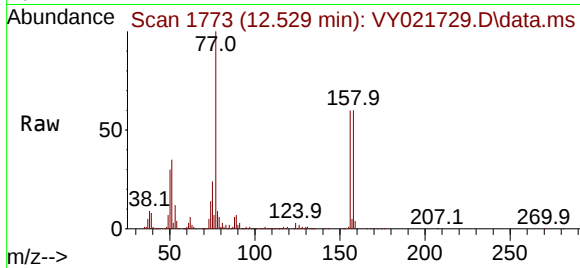




#77
Bromobenzene
Concen: 47.634 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

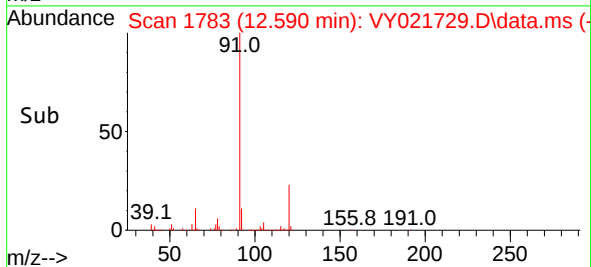
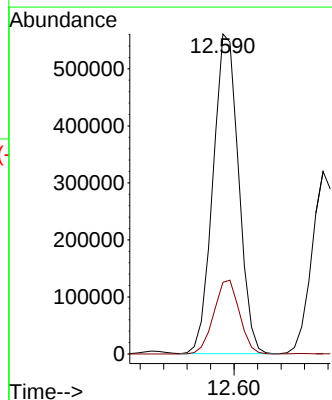
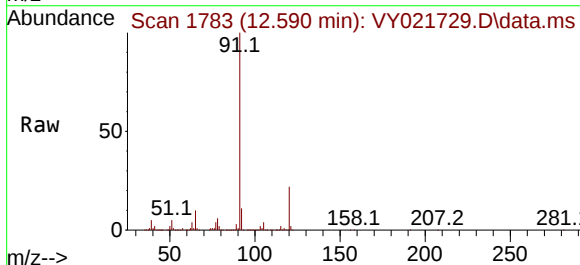
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

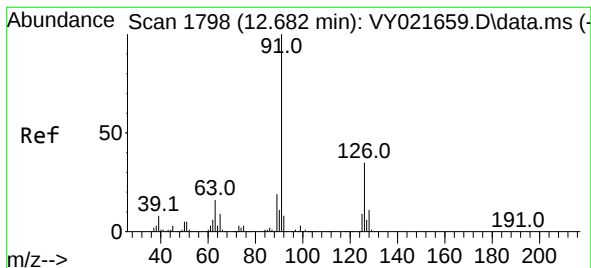
Tgt Ion:156 Resp: 167096
Ion Ratio Lower Upper
156 100
77 182.7 92.8 278.3
158 97.5 48.5 145.6



#78
n-propylbenzene
Concen: 48.350 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 91 Resp: 849265
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





#79

2-Chlorotoluene

Concen: 47.733 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

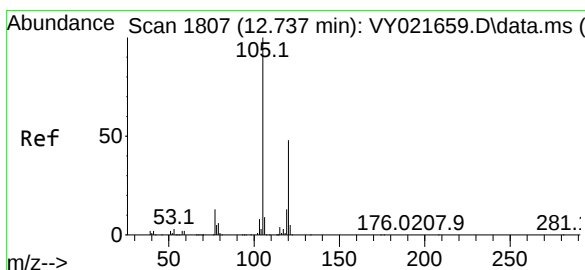
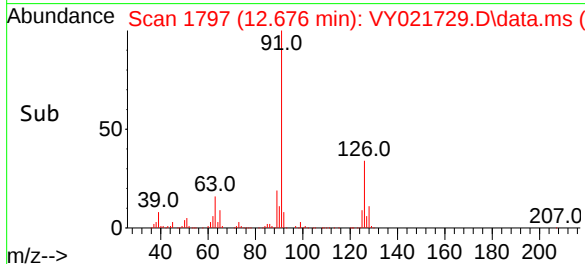
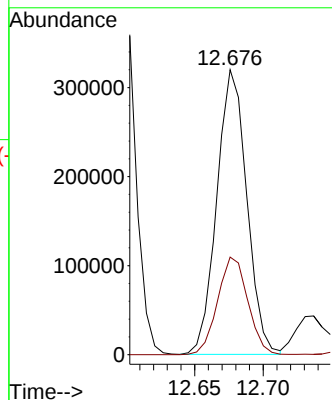
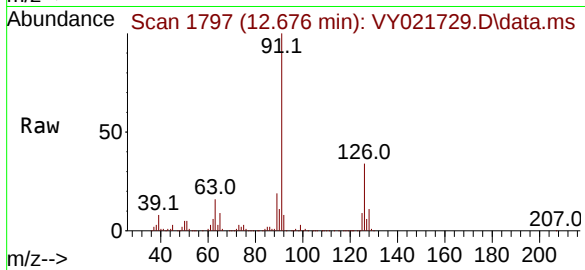
VSTDCCC050EC

Tgt Ion: 91 Resp: 486982

Ion Ratio Lower Upper

91 100

126 34.6 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 48.310 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021729.D

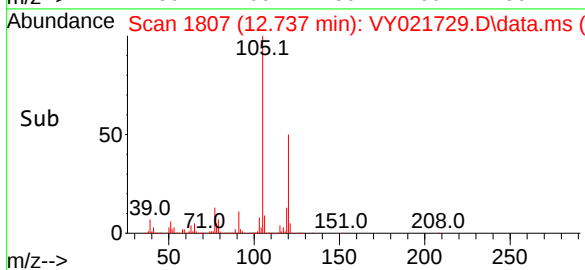
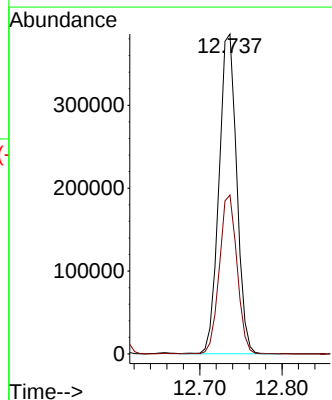
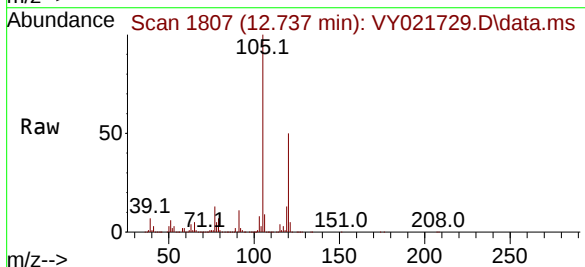
Acq: 31 Mar 2025 18:55

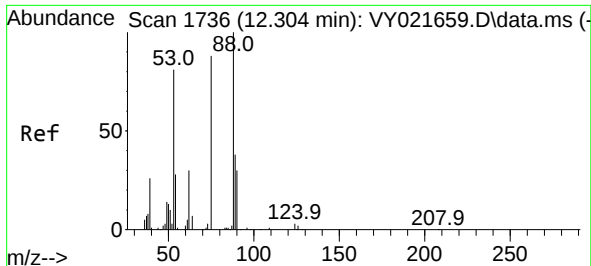
Tgt Ion: 105 Resp: 576869

Ion Ratio Lower Upper

105 100

120 49.7 24.5 73.5

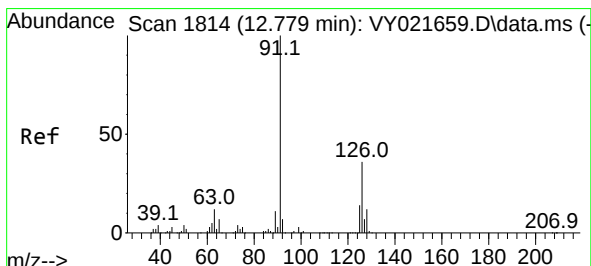
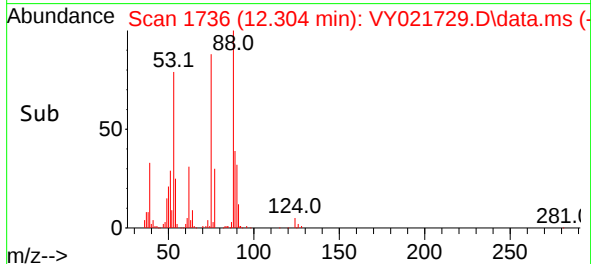
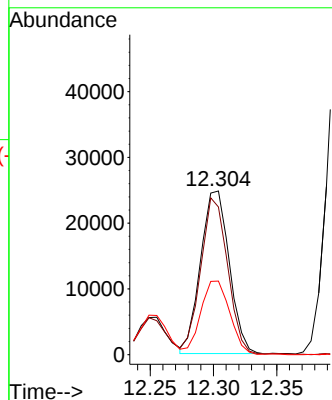
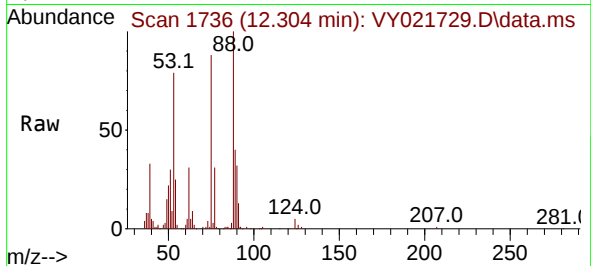




#81
trans-1,4-Dichloro-2-butene
Concen: 46.206 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

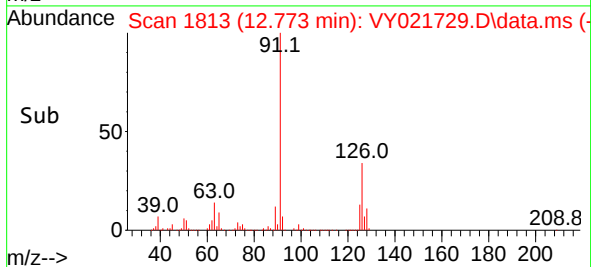
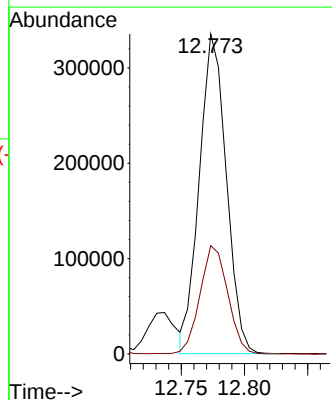
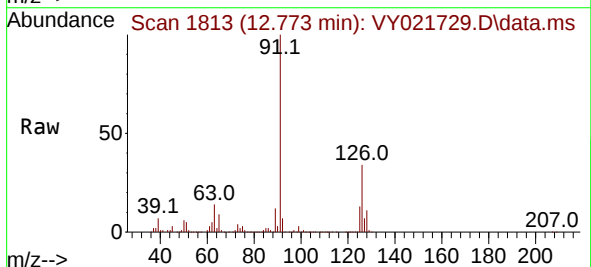
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

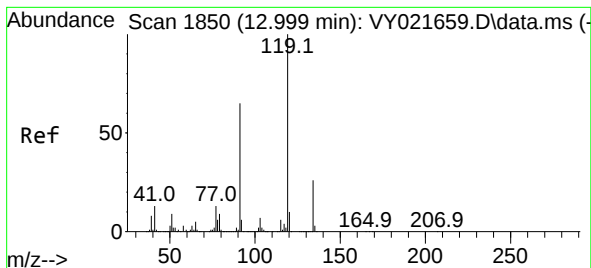
Tgt Ion: 75 Resp: 39102
Ion Ratio Lower Upper
75 100
53 89.9 76.1 114.1
89 46.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 46.752 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 91 Resp: 497264
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9

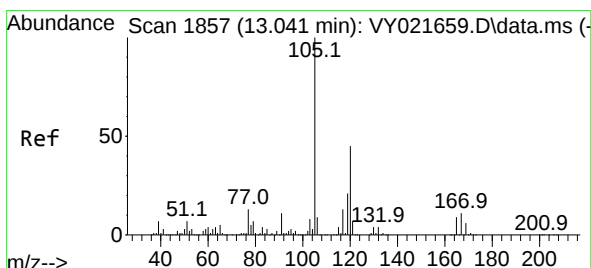
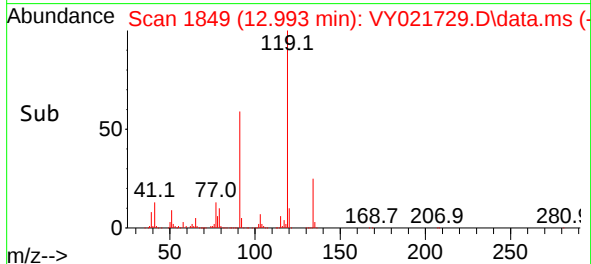
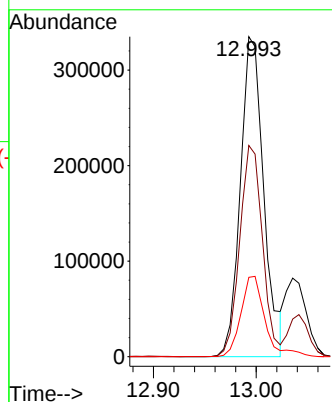
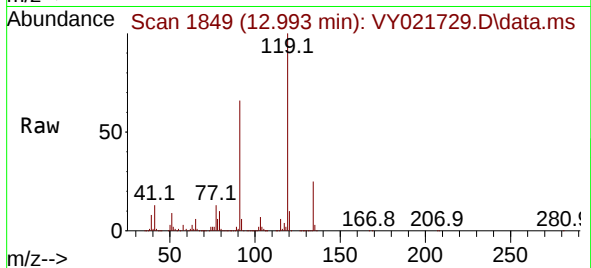




#83
 tert-Butylbenzene
 Concen: 49.755 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

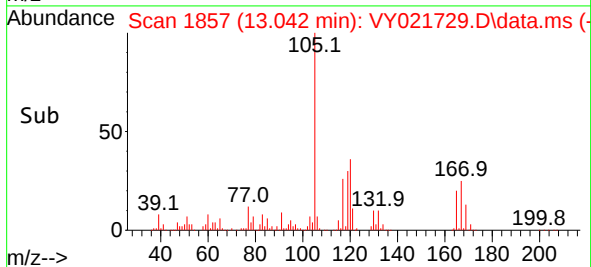
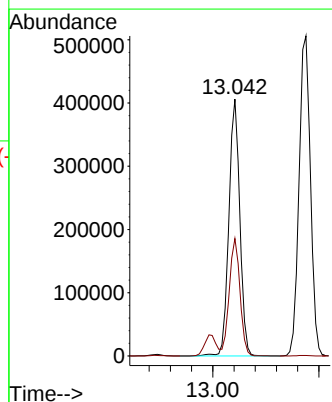
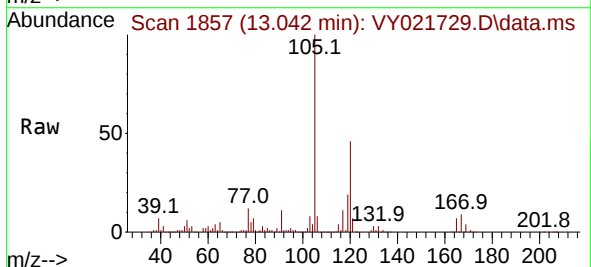
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

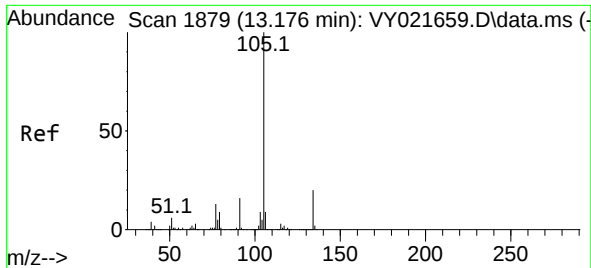
Tgt Ion:119 Resp: 529178
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.6 97.7
 134 25.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.337 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

Tgt Ion:105 Resp: 582272
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1

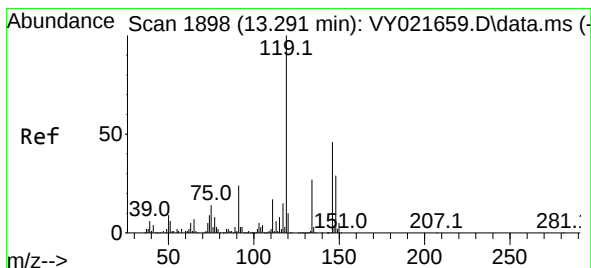
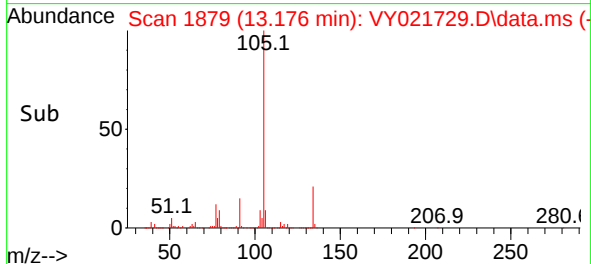
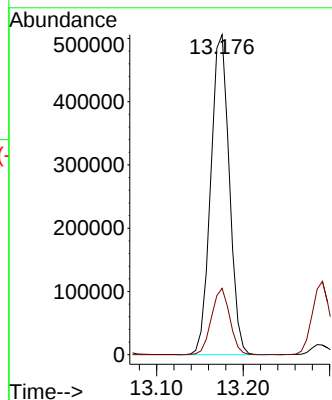
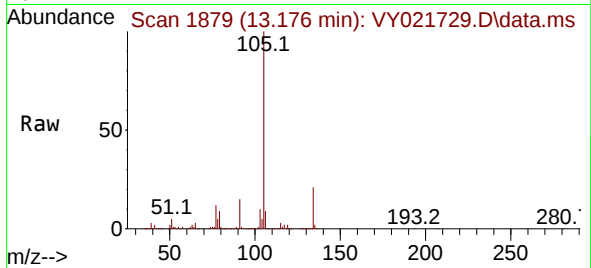




#85
 sec-Butylbenzene
 Concen: 48.417 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

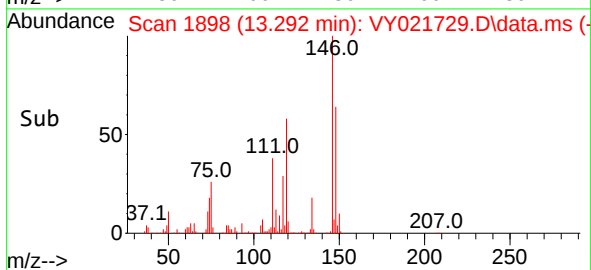
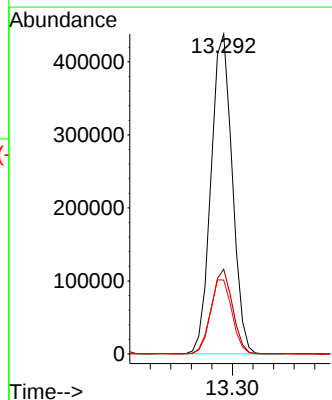
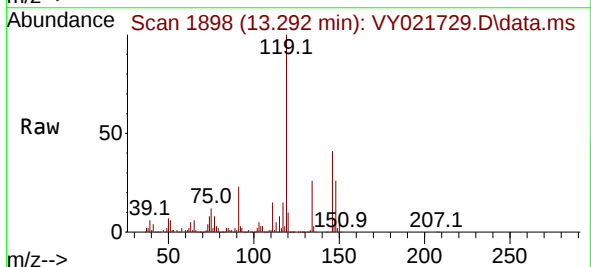
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

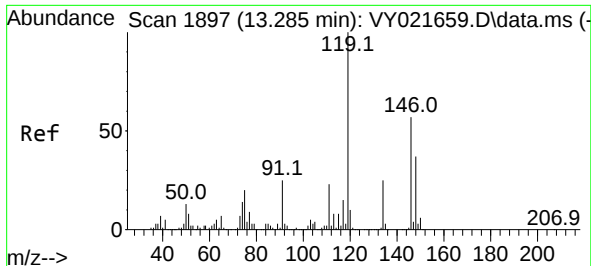
Tgt Ion:105 Resp: 752544
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 48.908 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021729.D
 Acq: 31 Mar 2025 18:55

Tgt Ion:119 Resp: 628289
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 23.8 12.0 36.0

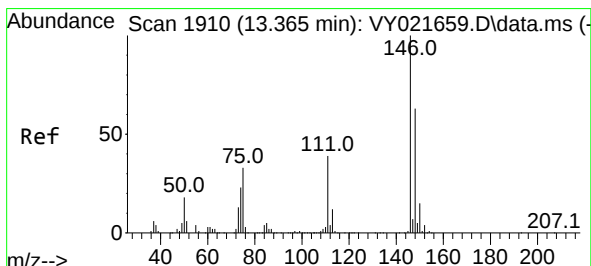
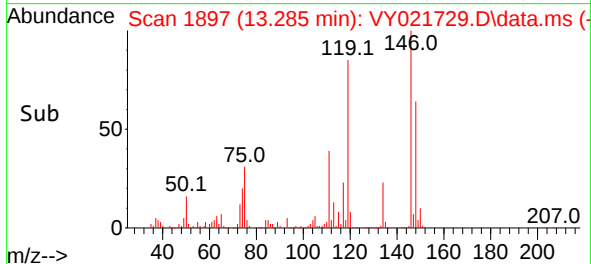
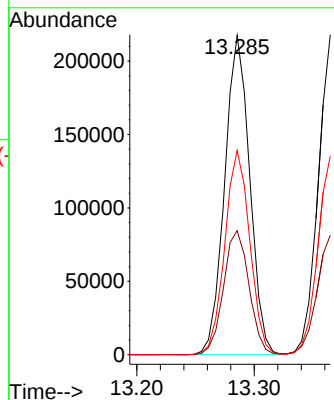
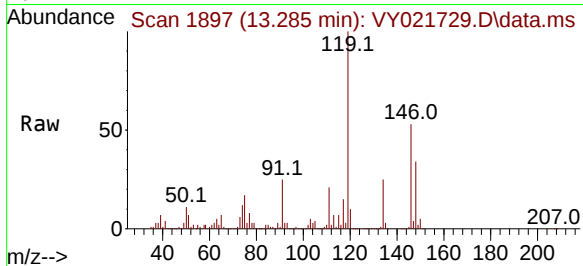




#87
1,3-Dichlorobenzene
Concen: 46.629 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

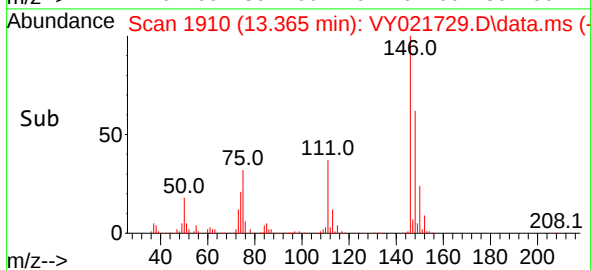
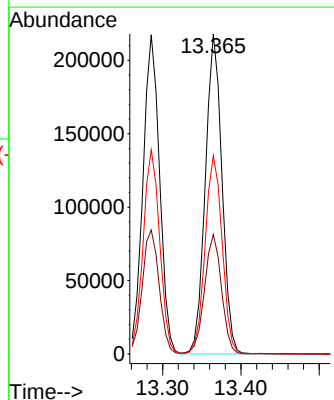
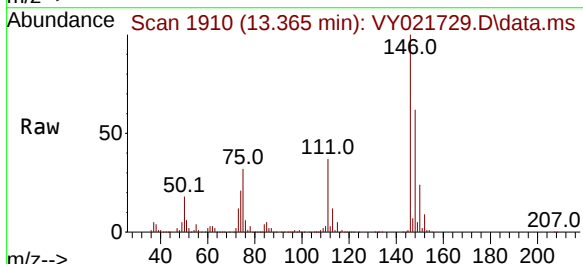
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

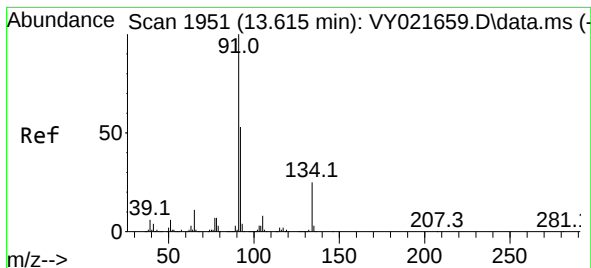
Tgt Ion:146 Resp: 322265
Ion Ratio Lower Upper
146 100
111 39.6 20.0 60.0
148 63.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 46.914 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion:146 Resp: 320344
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 47.205 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

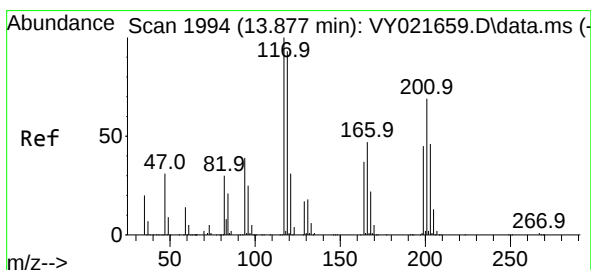
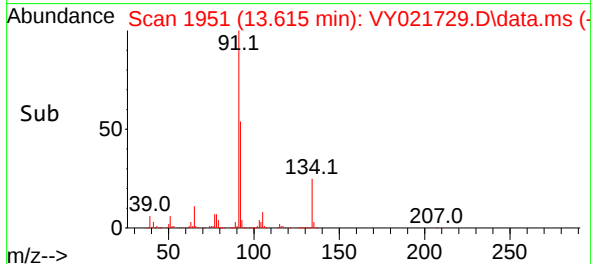
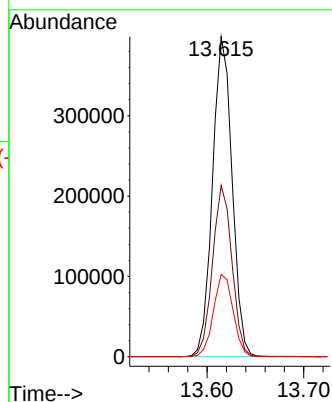
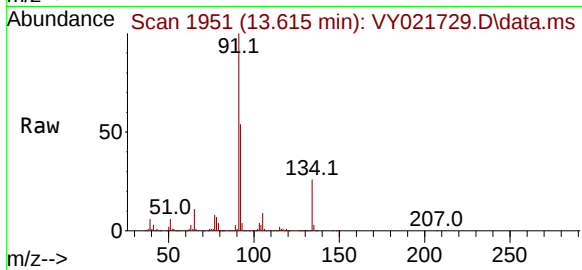
Tgt Ion: 91 Resp: 560816

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 25.8 12.8 38.4



#90

Hexachloroethane

Concen: 46.012 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021729.D

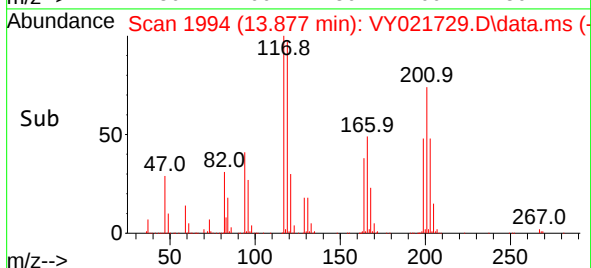
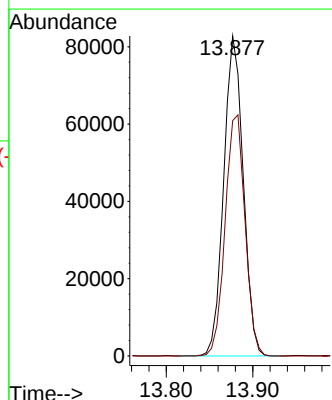
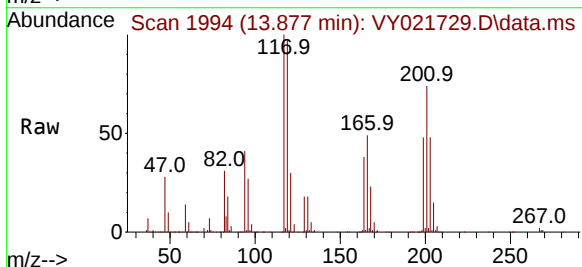
Acq: 31 Mar 2025 18:55

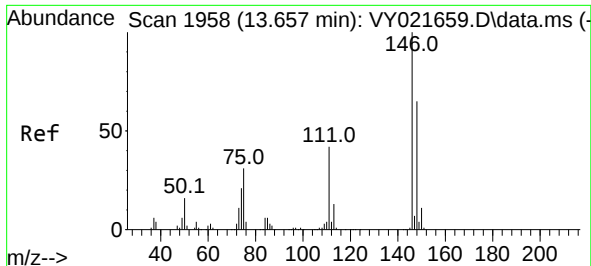
Tgt Ion: 117 Resp: 129529

Ion Ratio Lower Upper

117 100

201 77.0 37.4 112.1

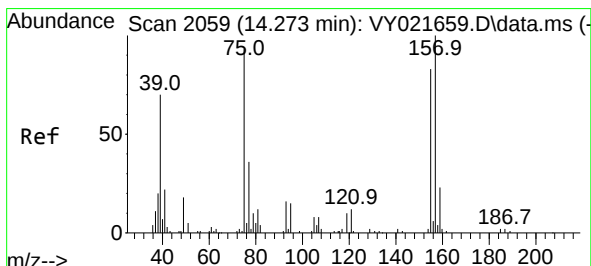
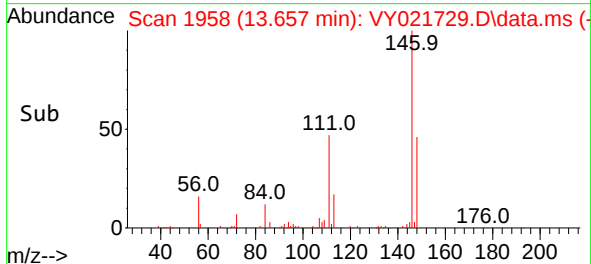
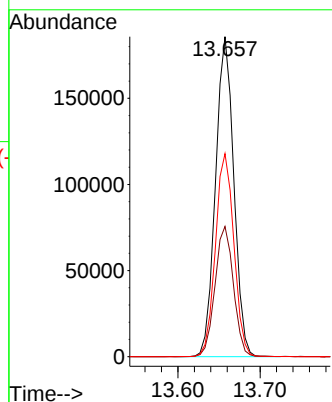
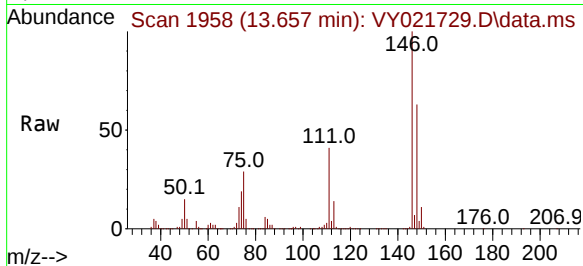




#91
1,2-Dichlorobenzene
Concen: 47.748 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

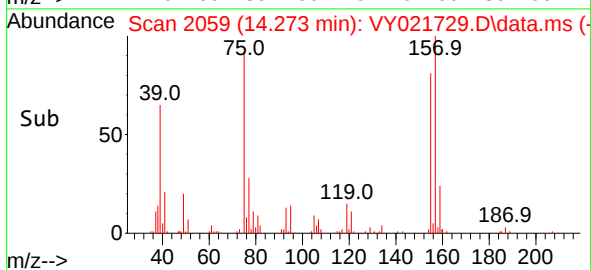
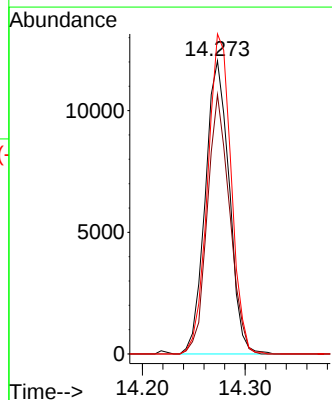
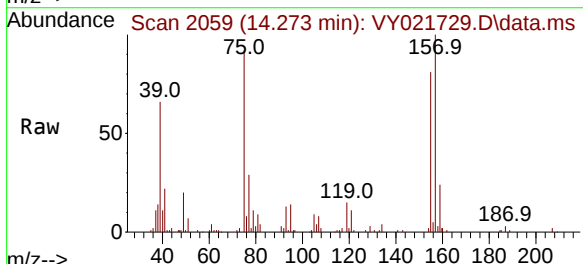
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

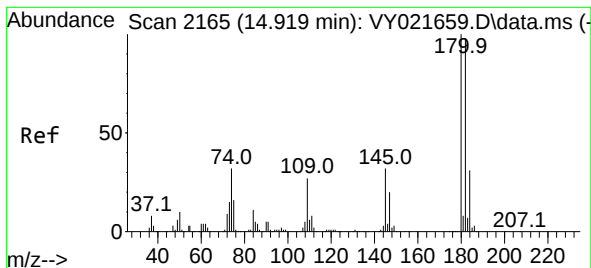
Tgt Ion:146 Resp: 287267
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 64.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.801 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021729.D
Acq: 31 Mar 2025 18:55

Tgt Ion: 75 Resp: 19461
Ion Ratio Lower Upper
75 100
155 82.7 43.0 128.8
157 107.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 49.014 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

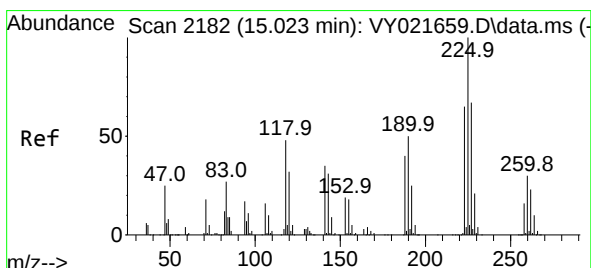
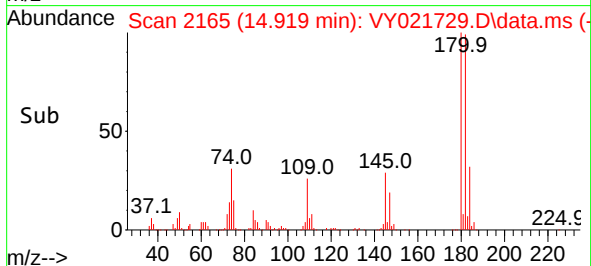
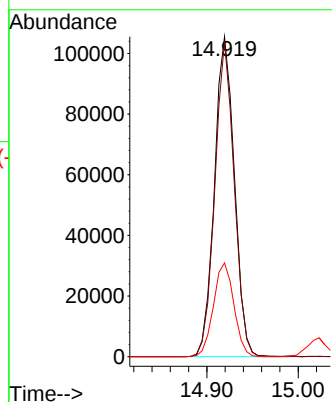
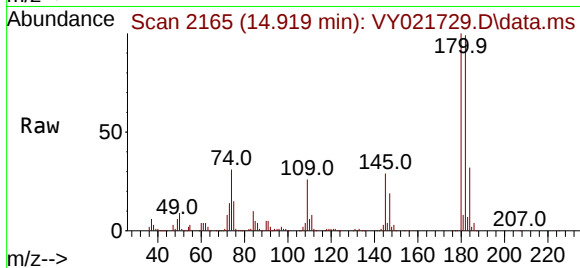
Tgt Ion:180 Resp: 159914

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

145 30.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 46.966 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

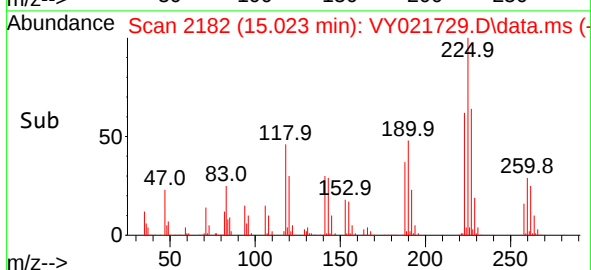
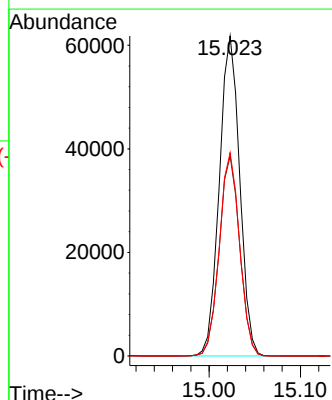
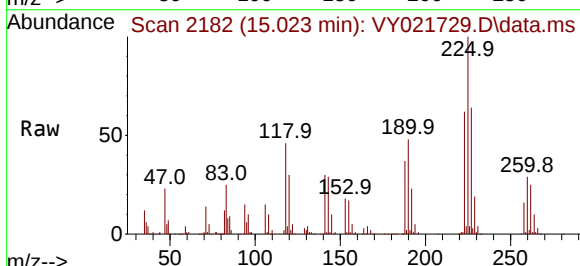
Tgt Ion:225 Resp: 95699

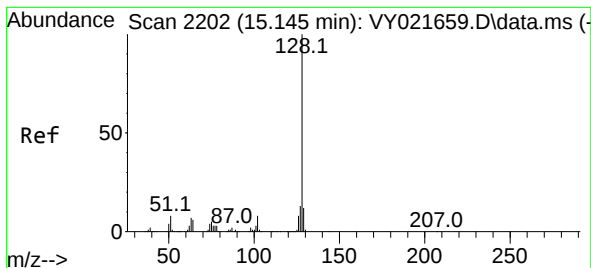
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.7

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 52.050 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

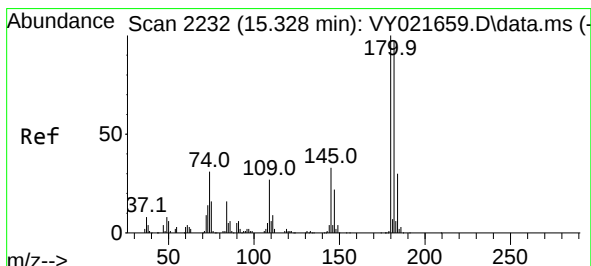
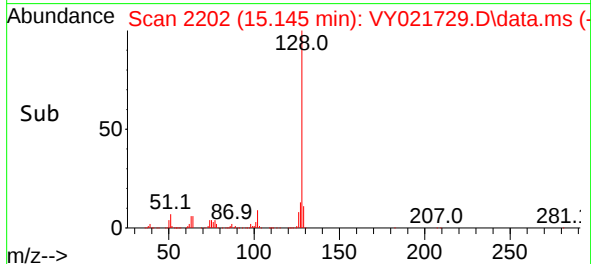
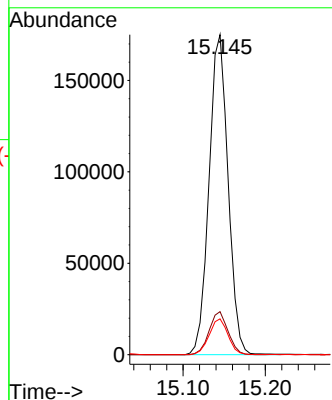
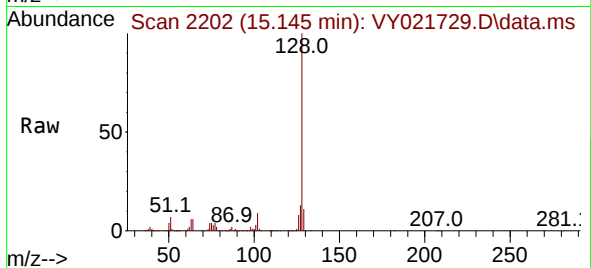
Tgt Ion:128 Resp: 281482

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.814 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021729.D

Acq: 31 Mar 2025 18:55

Tgt Ion:180 Resp: 138593

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.5

145 32.2 15.9 47.7

