

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021985.D
 Acq On : 23 Apr 2025 20:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 24 03:48:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	284899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	454673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	429705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	229172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133069	50.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.140%	
35) Dibromofluoromethane	7.634	113	144290	48.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.080%	
50) Toluene-d8	10.103	98	557471	49.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.460%	
62) 4-Bromofluorobenzene	12.402	95	193576	50.778	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	115985	47.777	ug/l	97
3) Chloromethane	2.062	50	182882	52.907	ug/l	100
4) Vinyl Chloride	2.202	62	219326	51.633	ug/l	99
5) Bromomethane	2.592	94	175843	48.050	ug/l	95
6) Chloroethane	2.733	64	152843	52.833	ug/l	99
7) Trichlorofluoromethane	3.050	101	284045	50.711	ug/l	97
8) Diethyl Ether	3.452	74	74898	51.374	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	144513	47.560	ug/l	99
10) Methyl Iodide	4.001	142	186743	53.082	ug/l	100
11) Tert butyl alcohol	4.873	59	39152	271.003	ug/l	97
12) 1,1-Dichloroethene	3.781	96	143373	50.622	ug/l	97
13) Acrolein	3.653	56	57554	221.962	ug/l	98
14) Allyl chloride	4.385	41	167931	50.922	ug/l	100
15) Acrylonitrile	5.055	53	138893	260.235	ug/l	99
16) Acetone	3.873	43	94783	277.523	ug/l	100
17) Carbon Disulfide	4.104	76	450172	49.851	ug/l	98
18) Methyl Acetate	4.385	43	80865	65.783	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	341909	53.937	ug/l	96
20) Methylene Chloride	4.610	84	158860	47.741	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	163660	51.597	ug/l	96
22) Diisopropyl ether	6.019	45	400944	54.633	ug/l	99
23) Vinyl Acetate	5.958	43	1032571	261.069	ug/l	100
24) 1,1-Dichloroethane	5.915	63	263225	51.745	ug/l	98
25) 2-Butanone	6.890	43	155909	259.912	ug/l	99
26) 2,2-Dichloropropane	6.884	77	206067	46.218	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	186828	52.678	ug/l	100
28) Bromochloromethane	7.244	49	103441	52.352	ug/l	99
29) Tetrahydrofuran	7.262	42	105200	270.025	ug/l	96
30) Chloroform	7.421	83	297216	52.674	ug/l	99
31) Cyclohexane	7.701	56	208095	47.836	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	257807	50.501	ug/l	100
36) 1,1-Dichloropropene	7.835	75	200034	49.576	ug/l	99
37) Ethyl Acetate	6.982	43	72211	49.830	ug/l	97
38) Carbon Tetrachloride	7.811	117	237551	49.270	ug/l	98
39) Methylcyclohexane	9.110	83	248208	48.882	ug/l	99
40) Benzene	8.079	78	646376	51.247	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	44005	55.549	ug/l	95
42) 1,2-Dichloroethane	8.159	62	157737	50.511	ug/l	100
43) Isopropyl Acetate	8.195	43	142404	51.170	ug/l	99
44) Trichloroethene	8.866	130	174654	49.992	ug/l	99
45) 1,2-Dichloropropane	9.140	63	144478	51.797	ug/l	100
46) Dibromomethane	9.231	93	89884	51.478	ug/l	99
47) Bromodichloromethane	9.420	83	227511	52.158	ug/l	98
48) Methyl methacrylate	9.219	41	71382	55.485	ug/l	97
49) 1,4-Dioxane	9.225	88	18847	1012.716	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	399808	274.054	ug/l	98
52) Toluene	10.170	92	427820	52.400	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	188902	50.489	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	226231	50.867	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	121710	52.183	ug/l	98
56) Ethyl methacrylate	10.439	69	148017	55.495	ug/l	99
57) 1,3-Dichloropropane	10.713	76	196706	52.608	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	369117	283.049	ug/l	99
59) 2-Hexanone	10.762	43	266314	276.764	ug/l	98
60) Dibromochloromethane	10.908	129	168598	52.212	ug/l	100
61) 1,2-Dibromoethane	11.012	107	117028	53.149	ug/l	99
64) Tetrachloroethene	10.646	164	195932	48.334	ug/l	98
65) Chlorobenzene	11.438	112	477397	49.681	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	168027	49.668	ug/l	98
67) Ethyl Benzene	11.518	91	807619	51.378	ug/l	99
68) m/p-Xylenes	11.627	106	643696	102.908	ug/l	100
69) o-Xylene	11.951	106	300350	52.097	ug/l	99
70) Styrene	11.969	104	515104	53.214	ug/l	100
71) Bromoform	12.133	173	99009	50.339	ug/l #	99
73) Isopropylbenzene	12.255	105	776220	50.697	ug/l	99
74) N-amyl acetate	12.066	43	131875	50.131	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	126486	48.999	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	166078	84.605	ug/l #	100
77) Bromobenzene	12.530	156	195238	50.463	ug/l	99
78) n-propylbenzene	12.597	91	910236	49.920	ug/l	100
79) 2-Chlorotoluene	12.676	91	529539	49.937	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	644448	51.084	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	36616	44.920	ug/l	97
82) 4-Chlorotoluene	12.774	91	547240	49.644	ug/l	100
83) tert-Butylbenzene	12.999	119	581616	51.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	641466	50.836	ug/l	100
85) sec-Butylbenzene	13.176	105	826449	49.918	ug/l	100
86) p-Isopropyltoluene	13.292	119	704298	50.097	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	381166	48.508	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	370902	47.659	ug/l	99
89) n-Butylbenzene	13.615	91	603452	48.022	ug/l	99
90) Hexachloroethane	13.877	117	149543	48.414	ug/l	100
91) 1,2-Dichlorobenzene	13.658	146	337294	49.214	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19895	48.442	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	182074	46.881	ug/l	98
94) Hexachlorobutadiene	15.023	225	108219	45.289	ug/l	99
95) Naphthalene	15.145	128	353298	54.762	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	163074	48.643	ug/l	99

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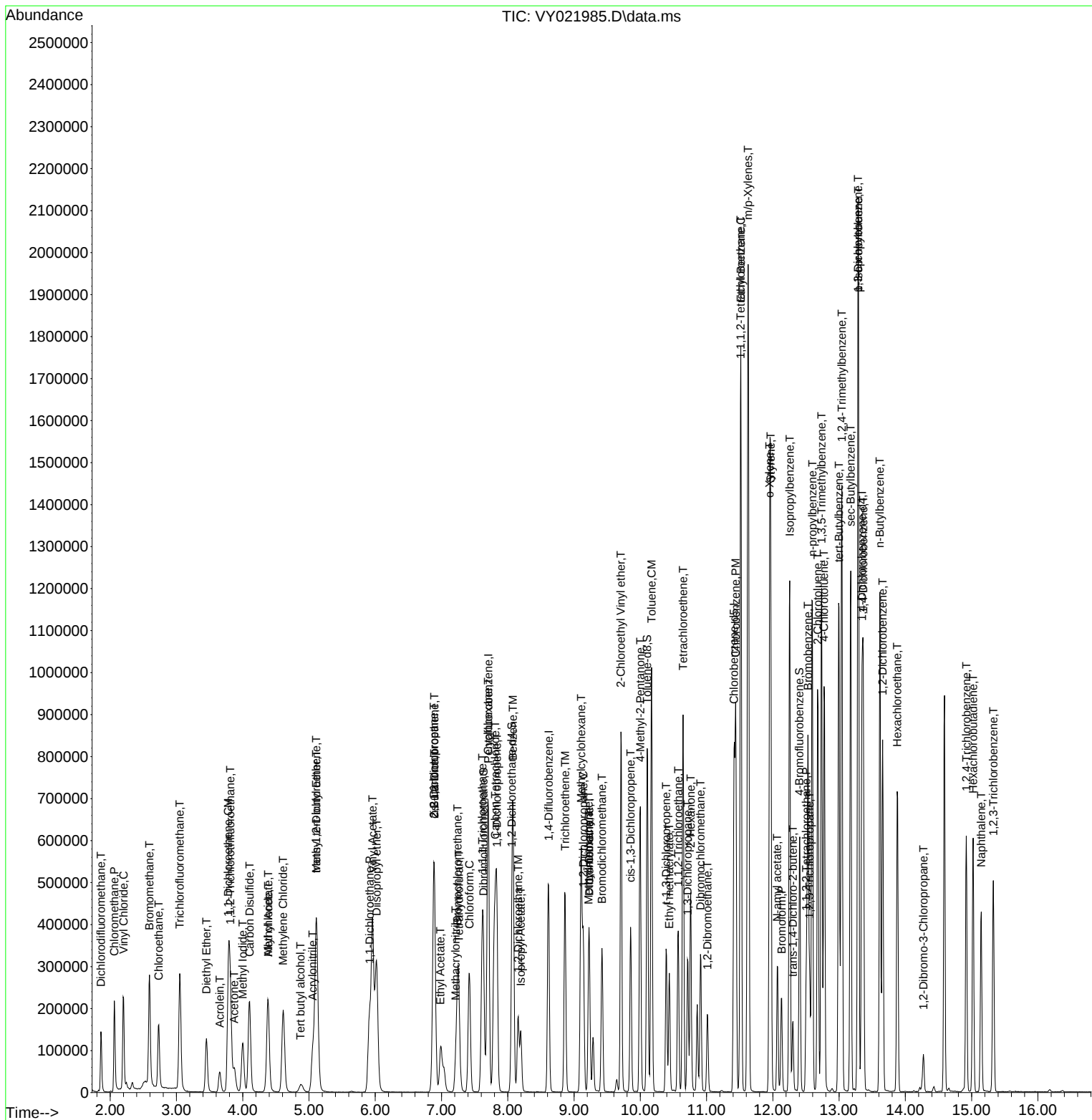
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

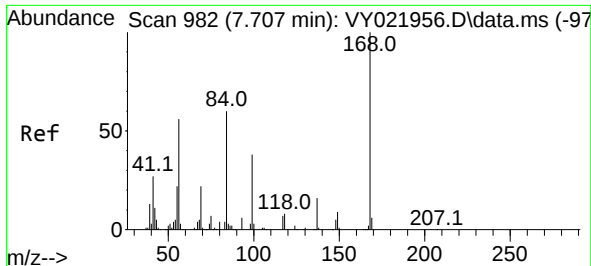
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

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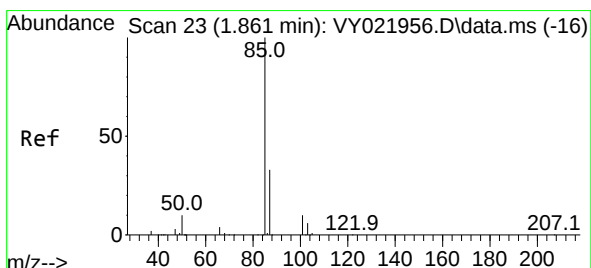
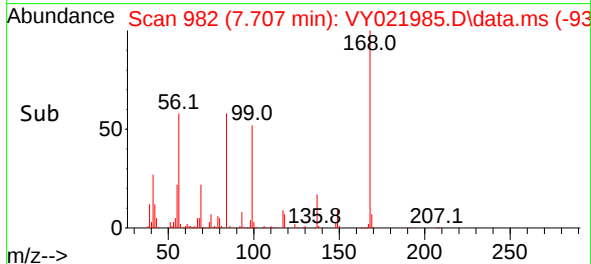
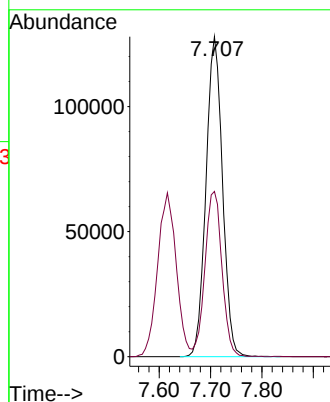
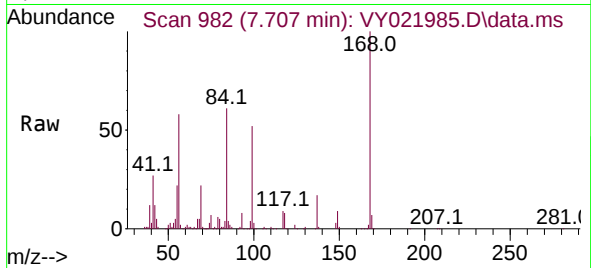




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021985.D
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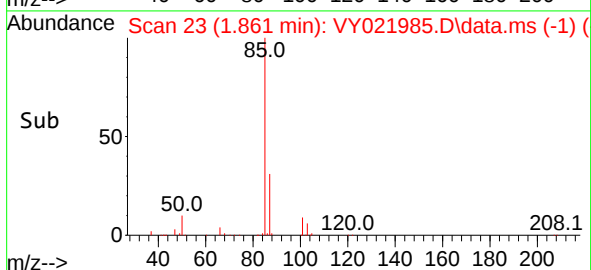
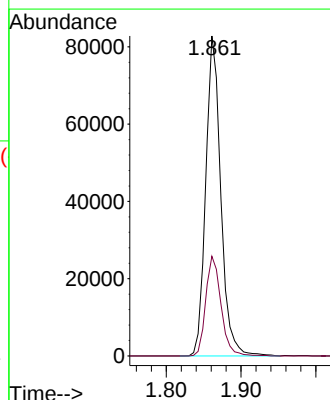
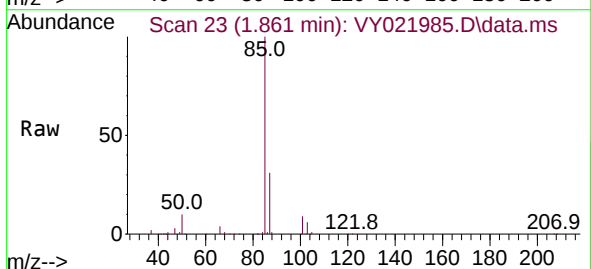
Instrument :
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ClientSampleId :
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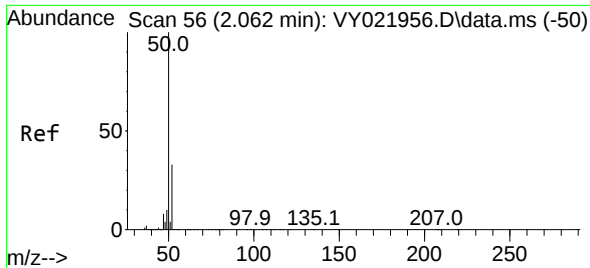
Tgt Ion:168 Resp: 284899
Ion Ratio Lower Upper
168 100
99 51.5 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 47.777 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 85 Resp: 115985
Ion Ratio Lower Upper
85 100
87 31.2 16.6 49.7

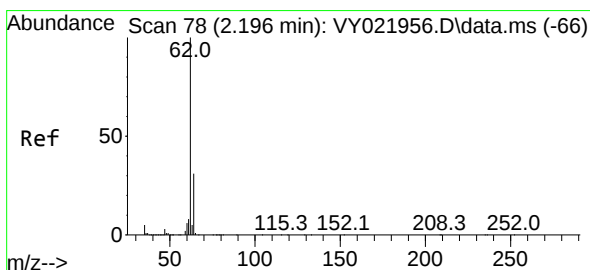
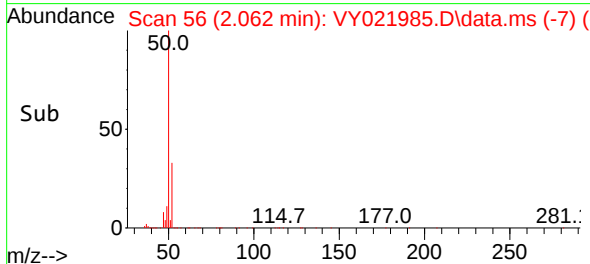
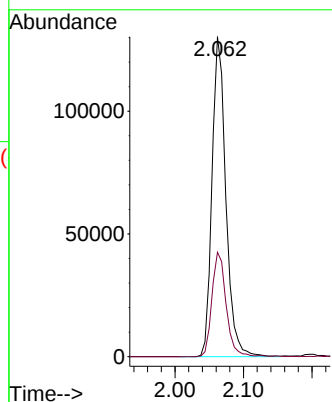
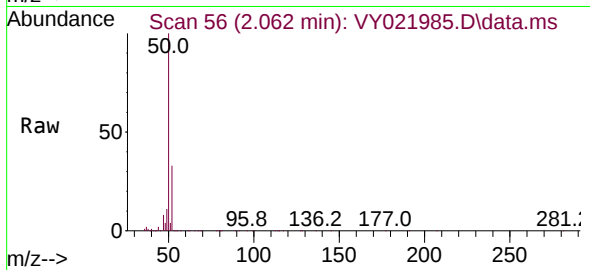




#3
Chloromethane
Concen: 52.907 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

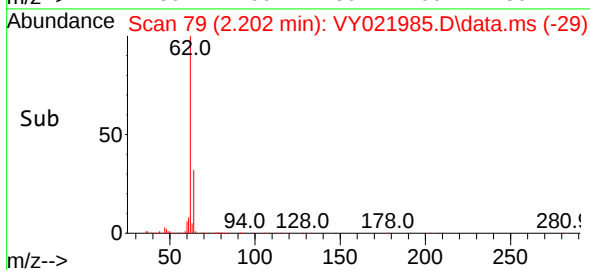
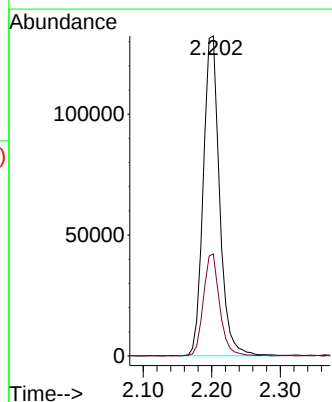
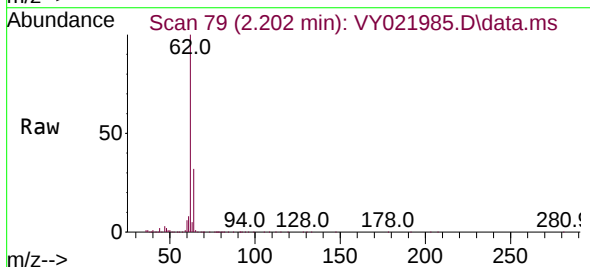
Instrument :
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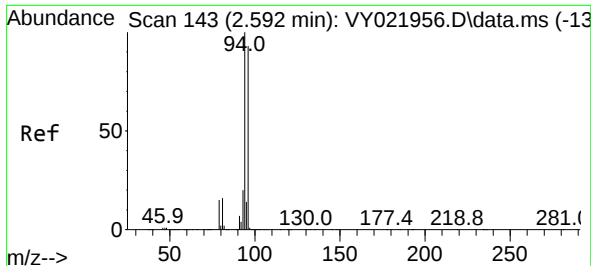
Tgt Ion: 50 Resp: 182882
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1



#4
Vinyl Chloride
Concen: 51.633 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 62 Resp: 219326
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7

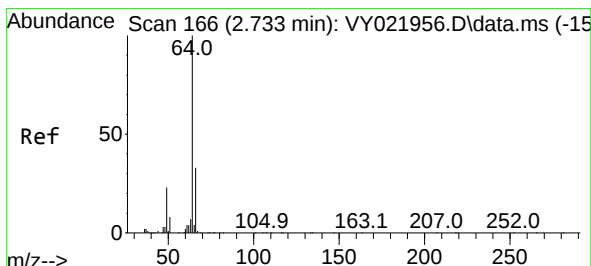
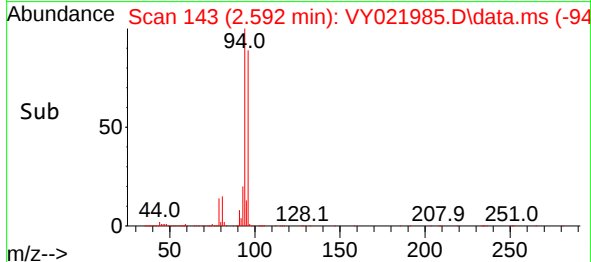
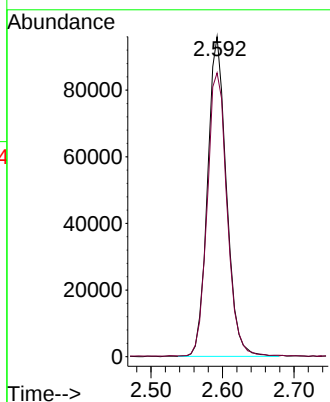
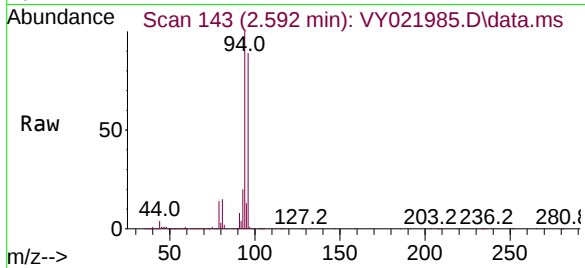




#5
Bromomethane
Concen: 48.050 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

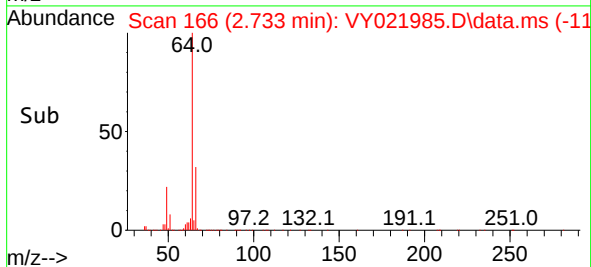
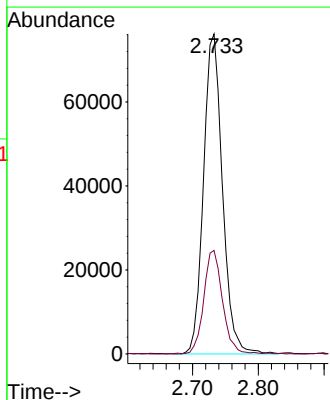
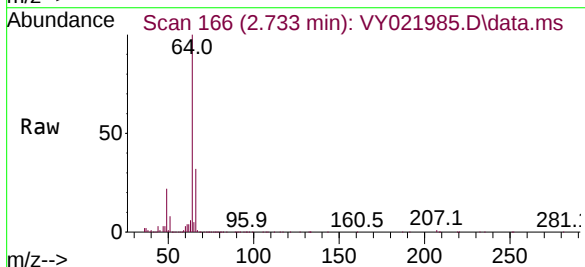
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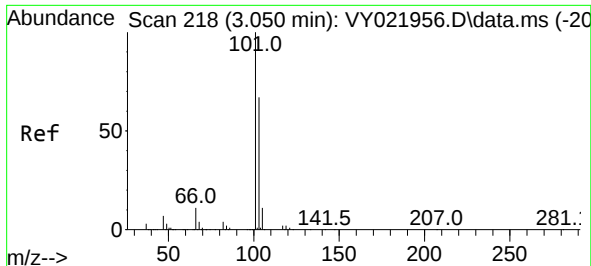
Tgt Ion: 94 Resp: 175843
Ion Ratio Lower Upper
94 100
96 88.5 74.6 111.8



#6
Chloroethane
Concen: 52.833 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 64 Resp: 152843
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

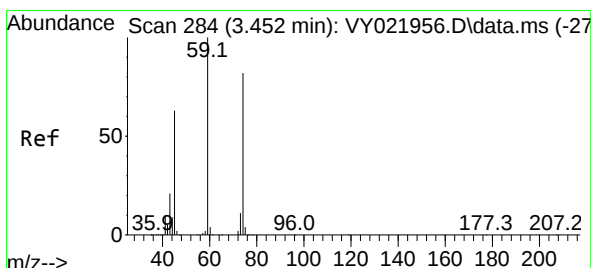
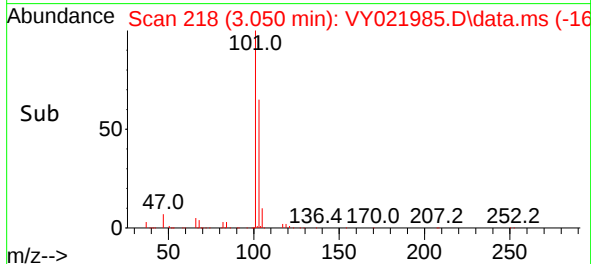
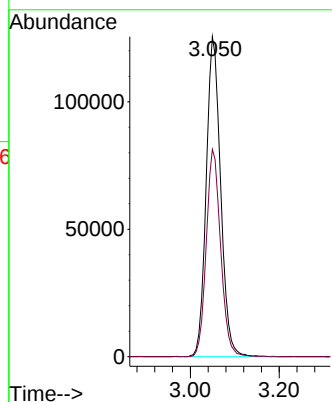
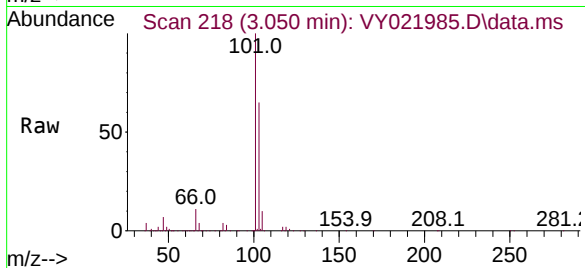




#7
 Trichlorofluoromethane
 Concen: 50.711 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

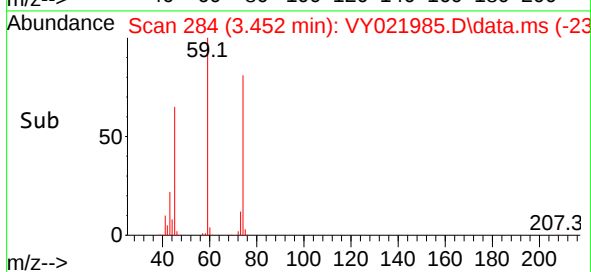
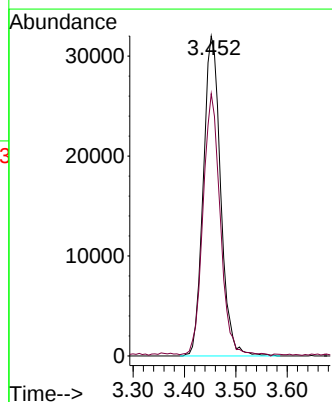
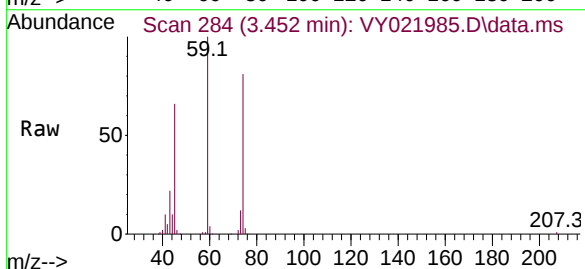
Instrument :
 MSVOA_Y
 ClientSampleId :
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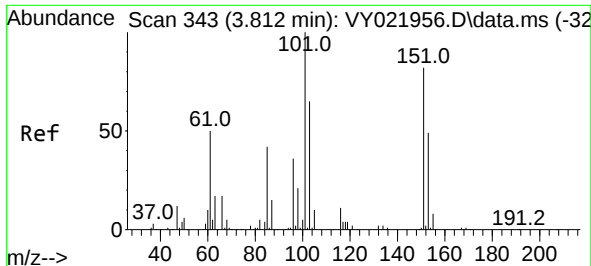
Tgt Ion:101 Resp: 284045
 Ion Ratio Lower Upper
 101 100
 103 64.8 53.6 80.4



#8
 Diethyl Ether
 Concen: 51.374 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

Tgt Ion: 74 Resp: 74898
 Ion Ratio Lower Upper
 74 100
 45 82.4 39.1 117.5

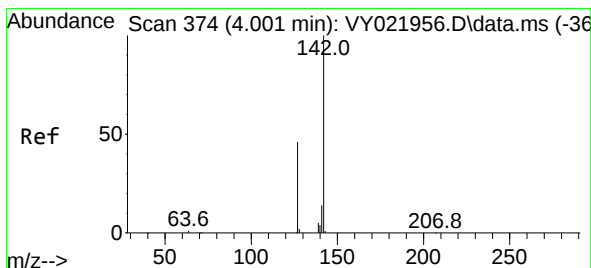
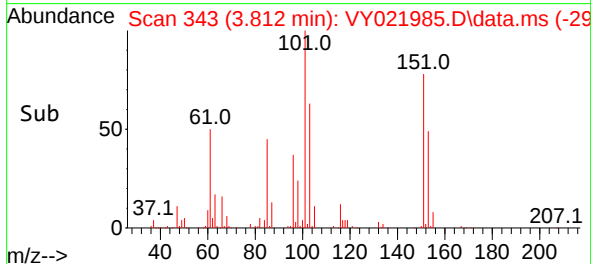
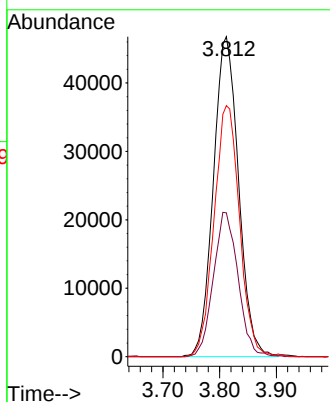
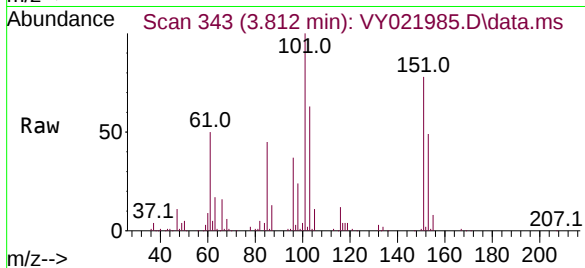




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.560 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

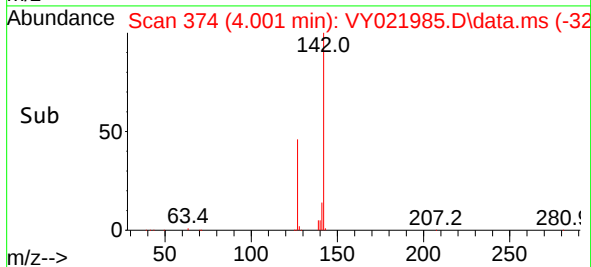
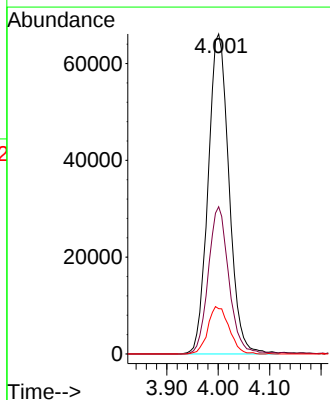
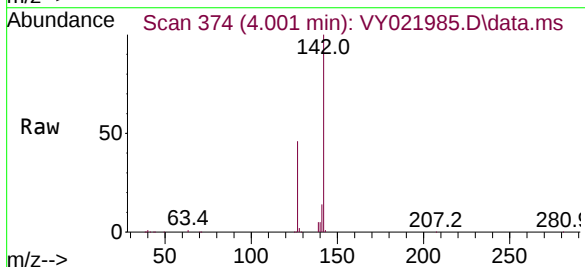
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

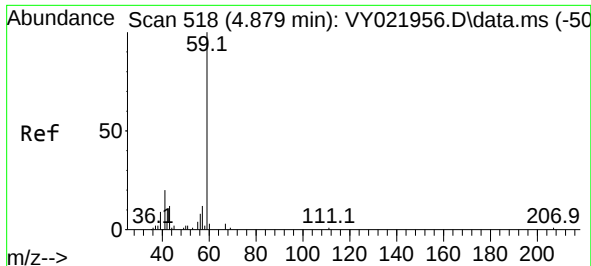
Tgt Ion:101 Resp: 144513
Ion Ratio Lower Upper
101 100
85 44.1 34.6 51.8
151 79.2 63.7 95.5



#10
Methyl Iodide
Concen: 53.082 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion:142 Resp: 186743
Ion Ratio Lower Upper
142 100
127 45.3 36.2 54.2
141 15.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 271.003 ug/l

RT: 4.873 min Scan# 518

Delta R.T. -0.006 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

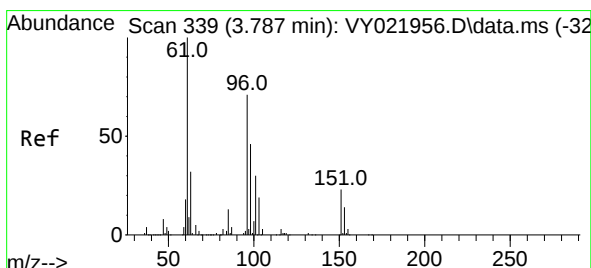
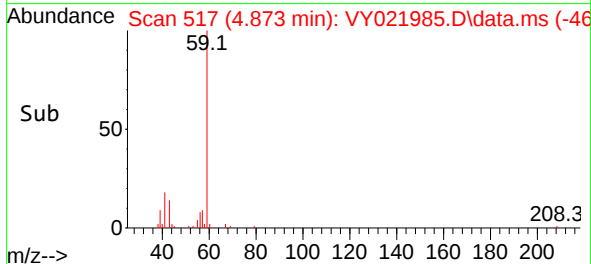
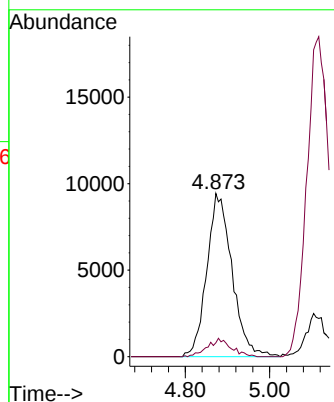
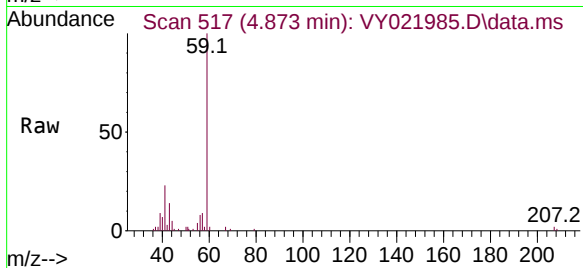
VSTDCCC050EC

Tgt Ion: 59 Resp: 39152

Ion Ratio Lower Upper

59 100

57 10.4 9.3 13.9



#12

1,1-Dichloroethene

Concen: 50.622 ug/l

RT: 3.781 min Scan# 338

Delta R.T. -0.006 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

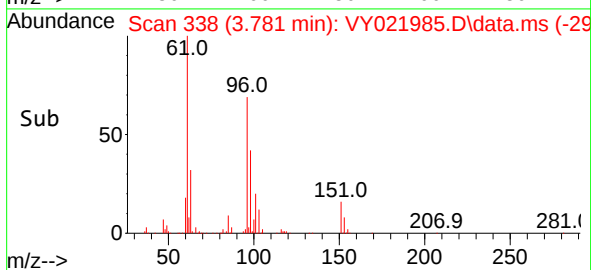
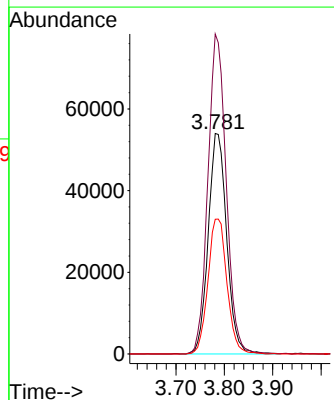
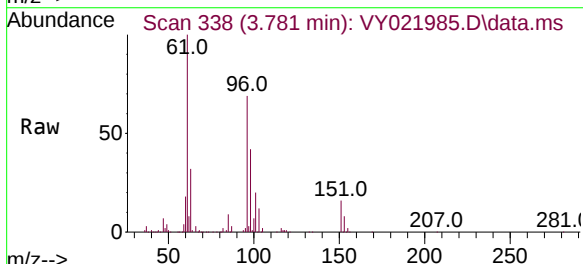
Tgt Ion: 96 Resp: 143373

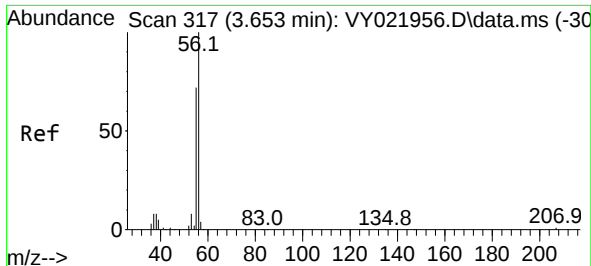
Ion Ratio Lower Upper

96 100

61 145.2 113.0 169.4

98 61.2 51.4 77.2





#13

Acrolein

Concen: 221.962 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

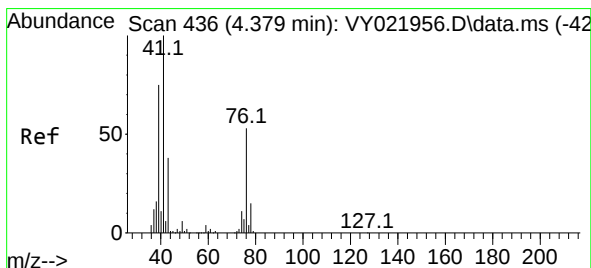
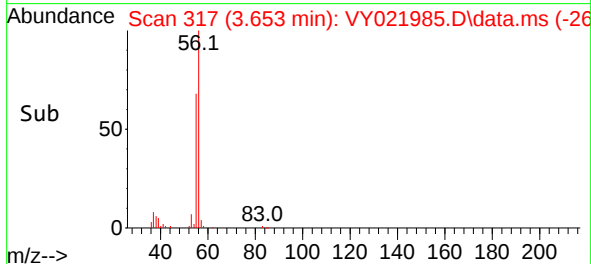
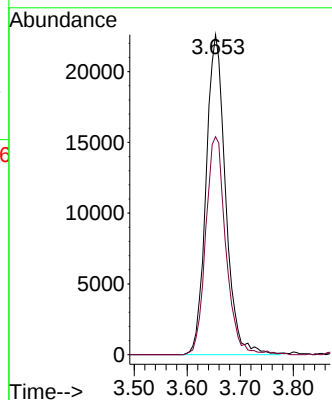
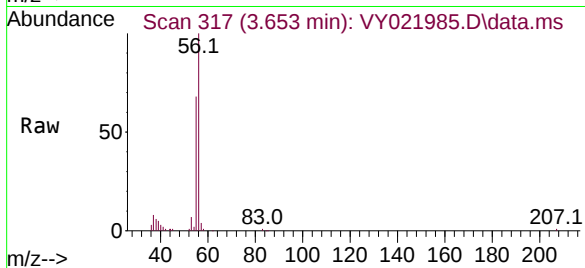
VSTDCCC050EC

Tgt Ion: 56 Resp: 57554

Ion Ratio Lower Upper

56 100

55 70.1 57.4 86.0



#14

Allyl chloride

Concen: 50.922 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

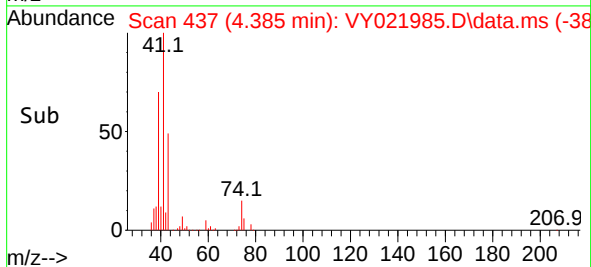
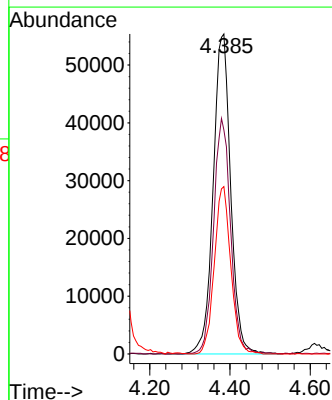
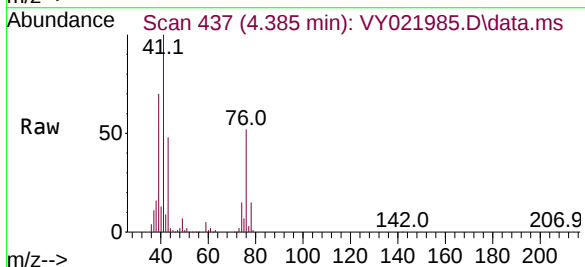
Tgt Ion: 41 Resp: 167931

Ion Ratio Lower Upper

41 100

39 71.1 57.2 85.8

76 49.2 39.7 59.5

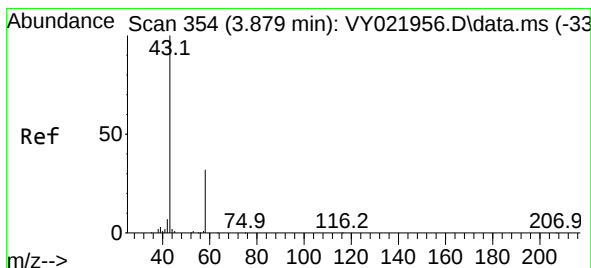
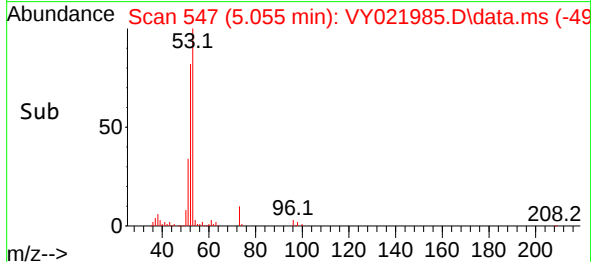
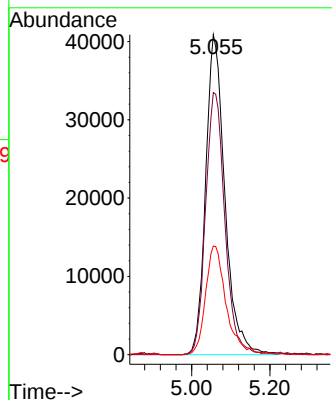
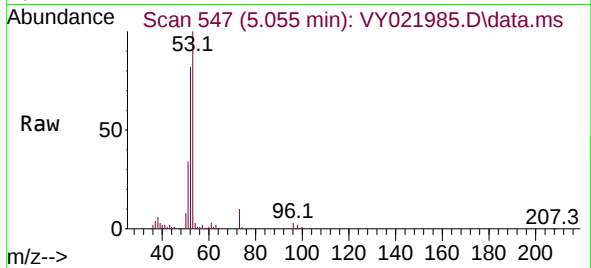




#15
Acrylonitrile
Concen: 260.235 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

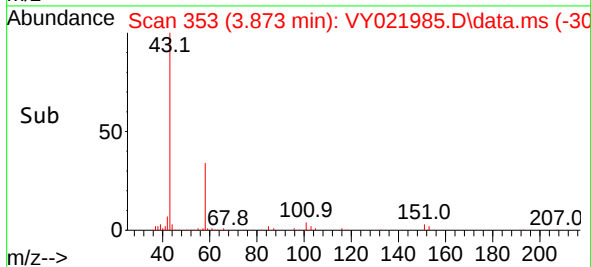
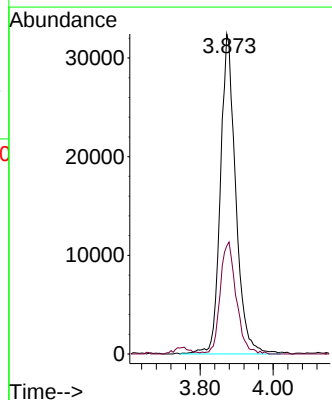
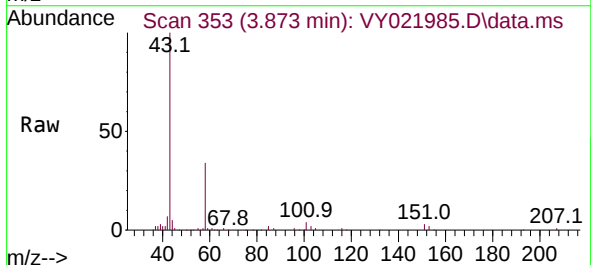
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

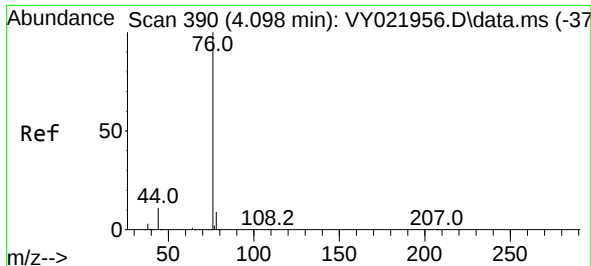
Tgt Ion: 53 Resp: 138893
Ion Ratio Lower Upper
53 100
52 82.2 65.0 97.6
51 36.4 28.9 43.3



#16
Acetone
Concen: 277.523 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 43 Resp: 94783
Ion Ratio Lower Upper
43 100
58 33.8 27.0 40.4

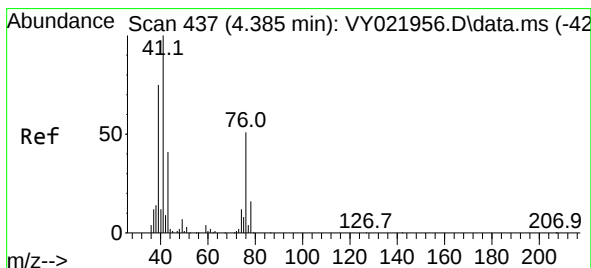
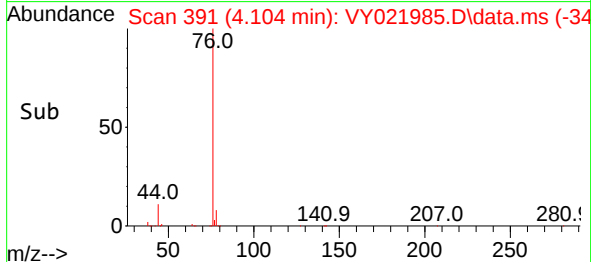
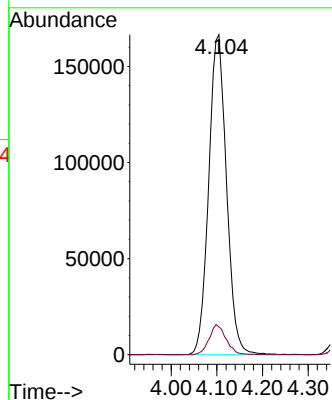
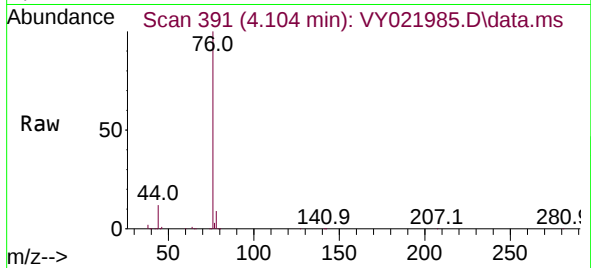




#17
Carbon Disulfide
Concen: 49.851 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

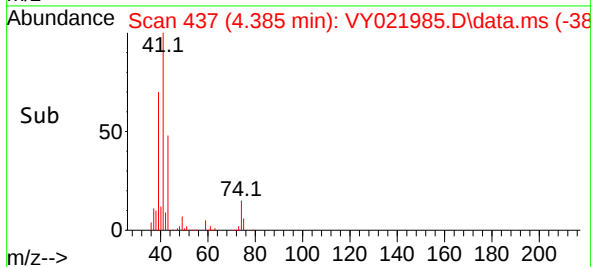
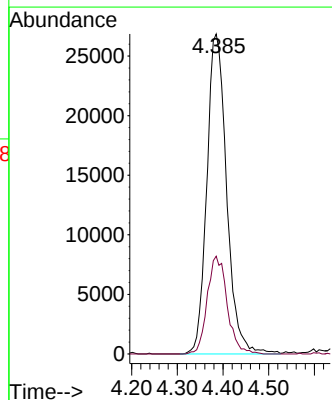
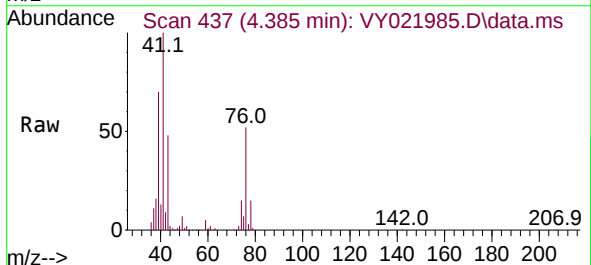
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 450172
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 65.783 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 43 Resp: 80865
Ion Ratio Lower Upper
43 100
74 30.7 24.2 36.4

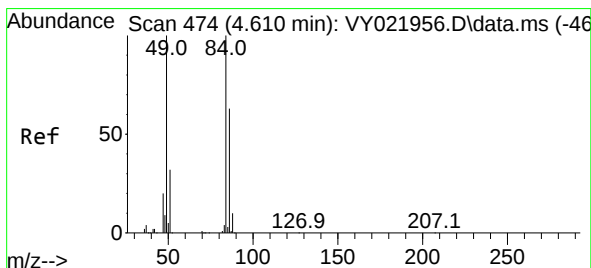
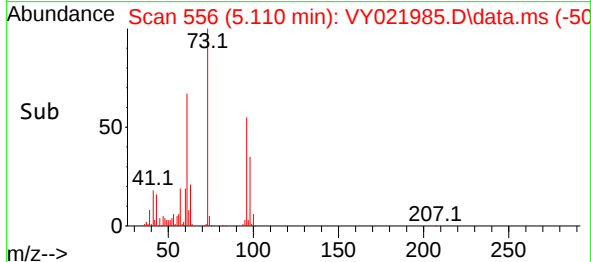
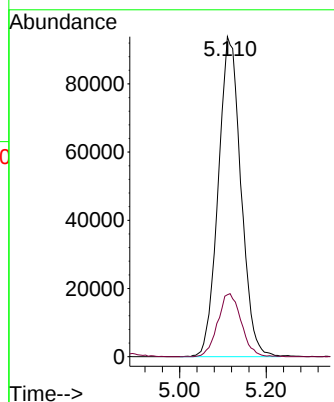
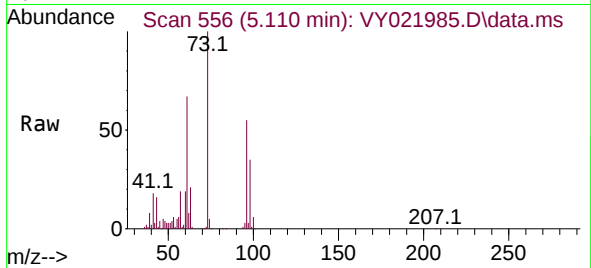




#19
Methyl tert-butyl Ether
Concen: 53.937 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

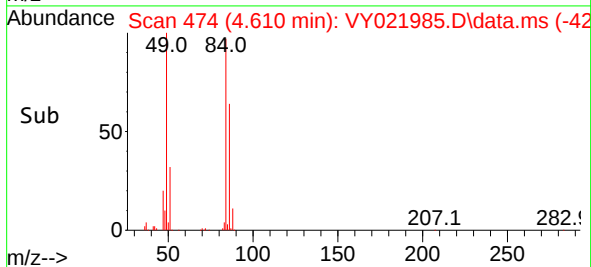
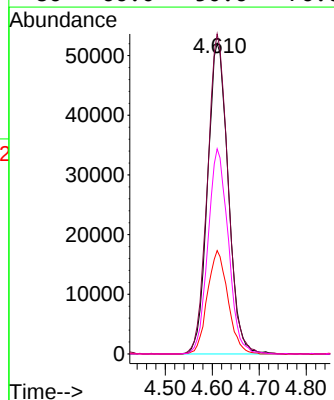
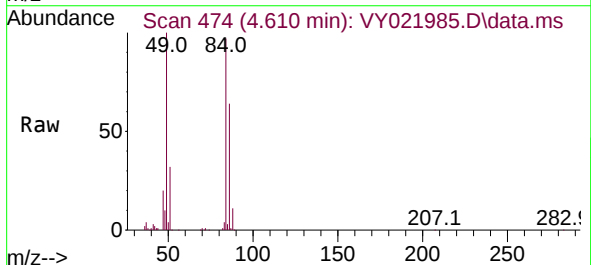
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

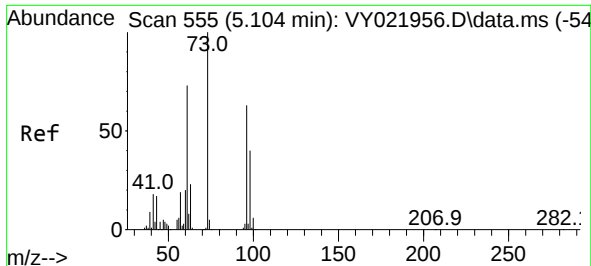
Tgt Ion: 73 Resp: 341909
Ion Ratio Lower Upper
73 100
57 19.4 16.9 25.3



#20
Methylene Chloride
Concen: 47.741 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 84 Resp: 158860
Ion Ratio Lower Upper
84 100
49 103.0 79.9 119.9
51 33.3 25.4 38.0
86 66.0 50.6 76.0

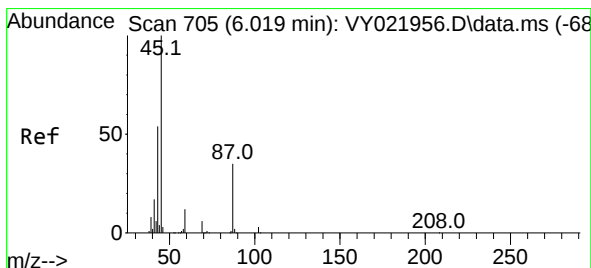
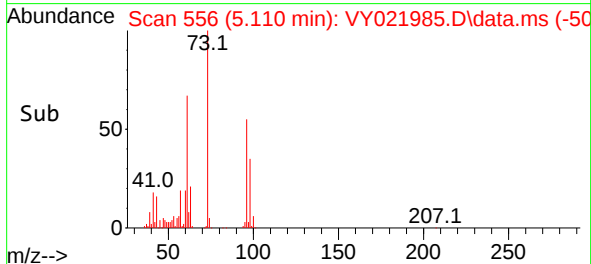
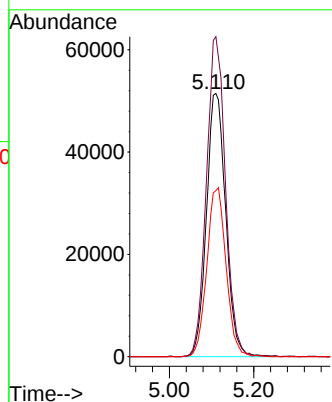
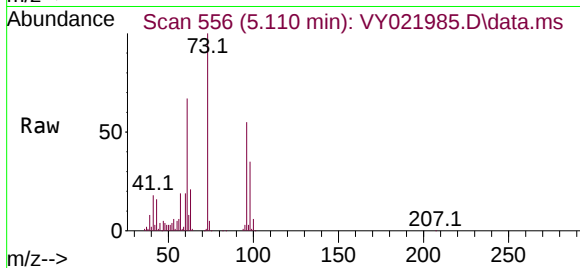




#21
trans-1,2-Dichloroethene
Concen: 51.597 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

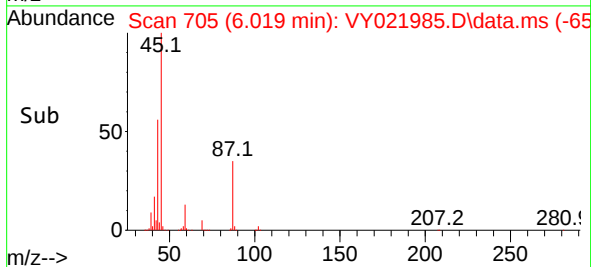
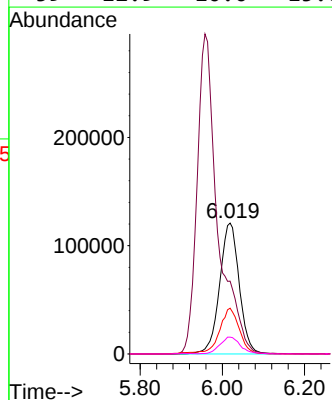
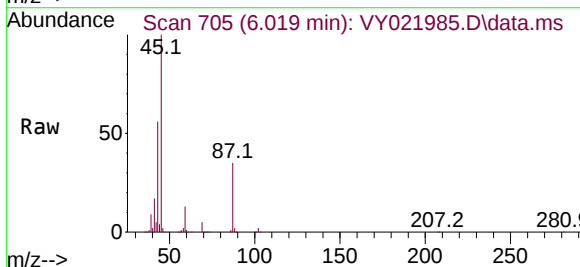
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

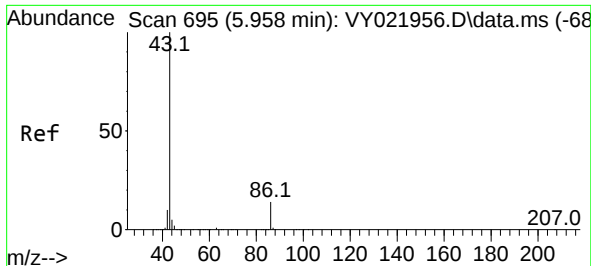
Tgt Ion: 96 Resp: 163660
Ion Ratio Lower Upper
96 100
61 121.6 92.6 138.8
98 63.1 50.2 75.4



#22
Diisopropyl ether
Concen: 54.633 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 45 Resp: 400944
Ion Ratio Lower Upper
45 100
43 55.2 43.6 65.4
87 34.9 28.2 42.4
59 12.9 10.0 15.0

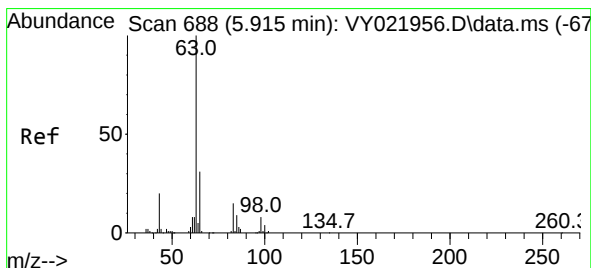
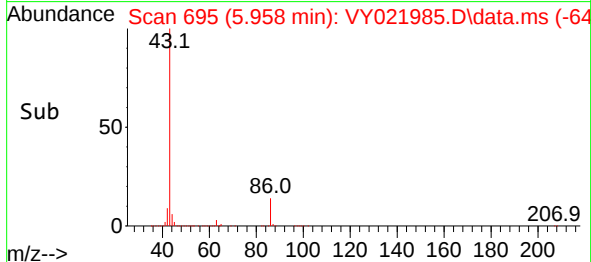
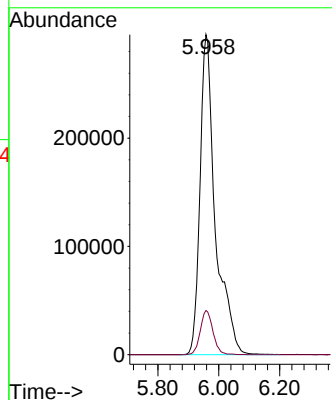
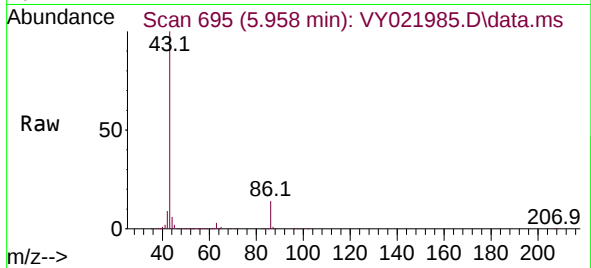




#23
 Vinyl Acetate
 Concen: 261.069 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

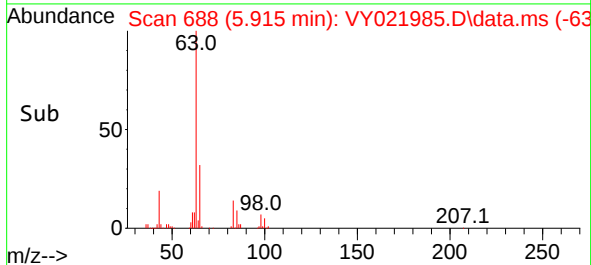
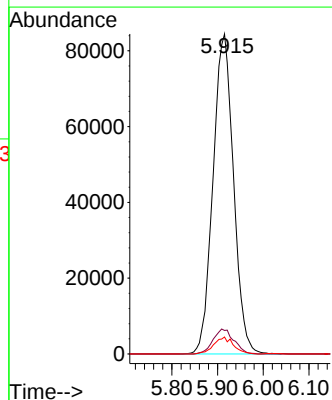
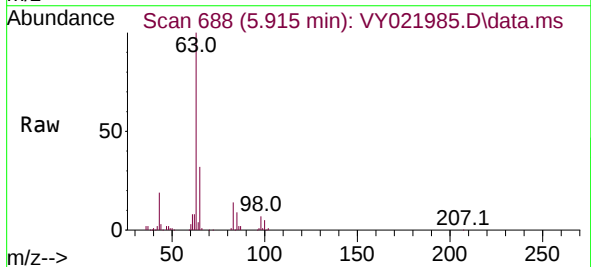
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

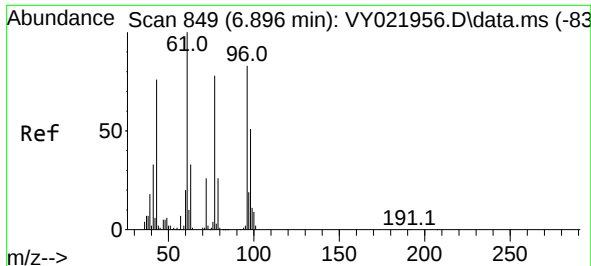
Tgt Ion: 43 Resp: 1032571
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 51.745 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

Tgt Ion: 63 Resp: 263225
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 11.9
 100 5.3 2.0 6.0





#25

2-Butanone

Concen: 259.912 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

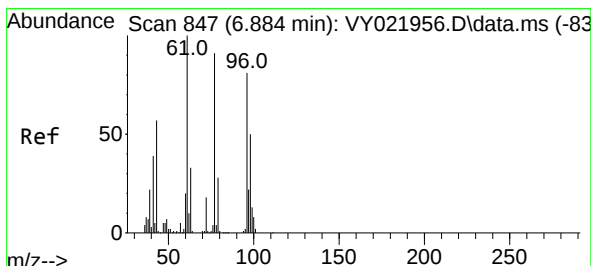
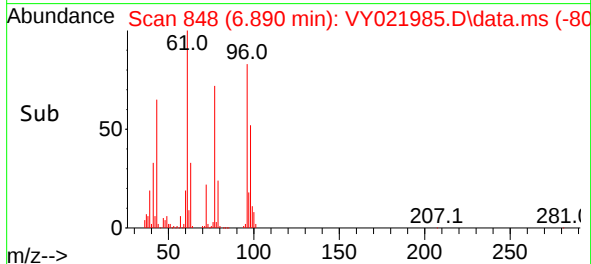
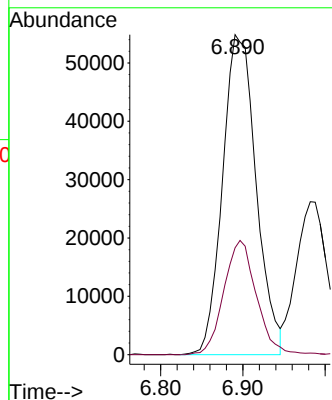
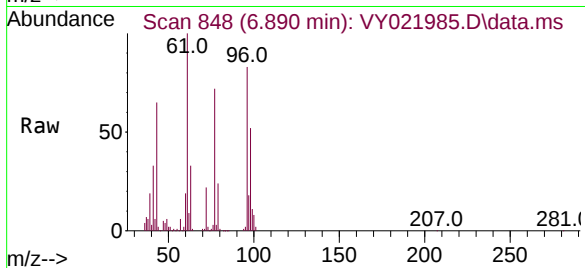
VSTDCCC050EC

Tgt Ion: 43 Resp: 155909

Ion Ratio Lower Upper

43 100

72 33.4 27.0 40.4



#26

2,2-Dichloropropane

Concen: 46.218 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021985.D

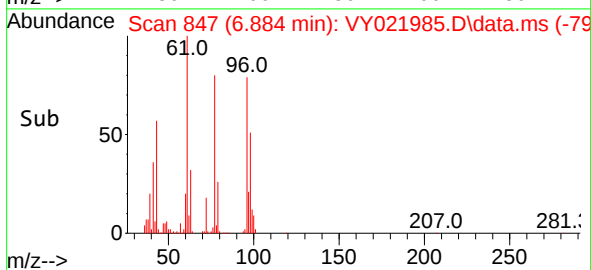
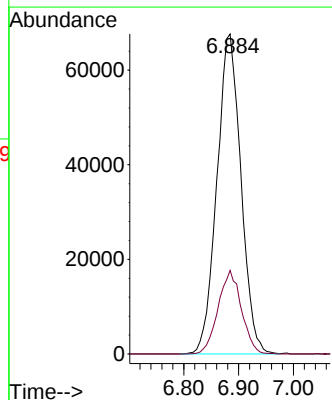
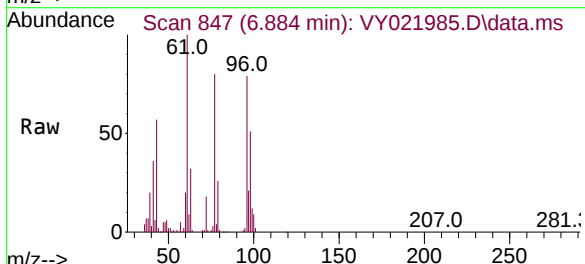
Acq: 23 Apr 2025 20:31

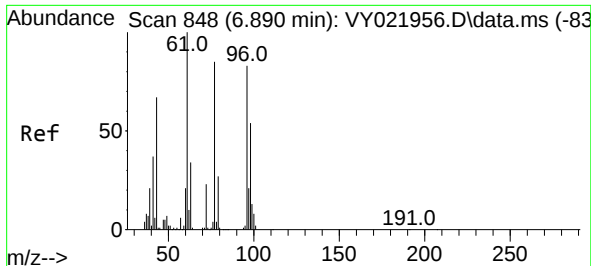
Tgt Ion: 77 Resp: 206067

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 52.678 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

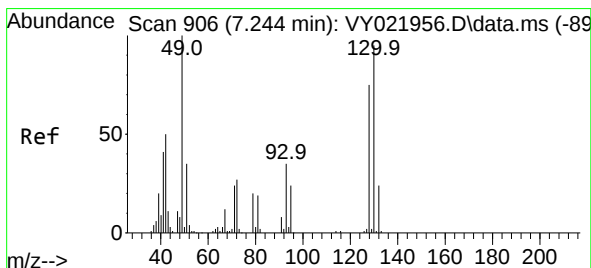
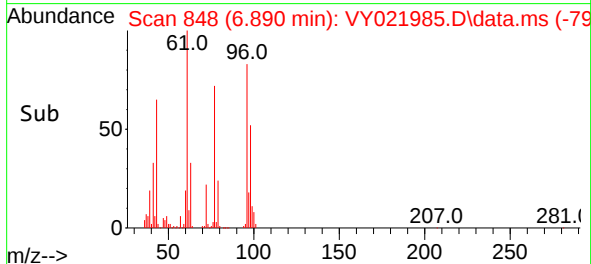
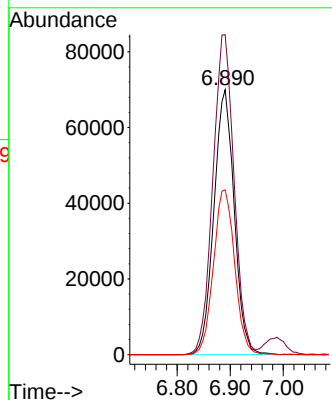
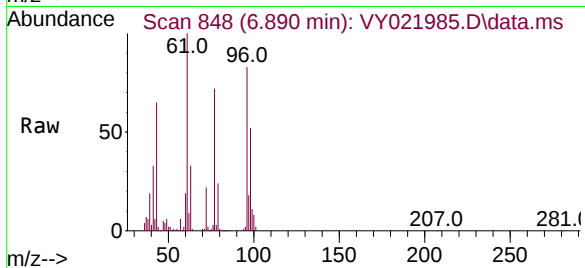
Tgt Ion: 96 Resp: 186828

Ion Ratio Lower Upper

96 100

61 125.8 0.0 251.4

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 52.352 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

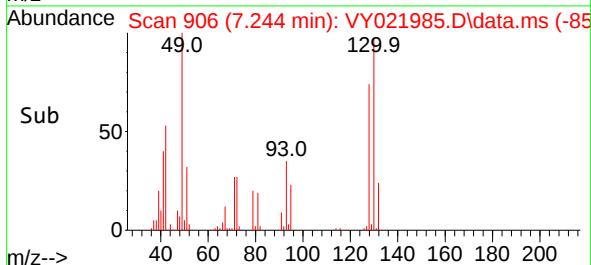
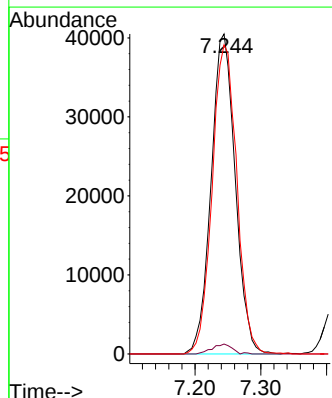
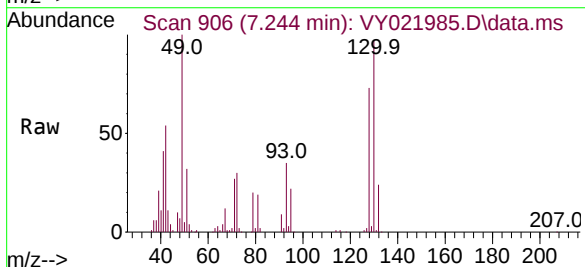
Tgt Ion: 49 Resp: 103441

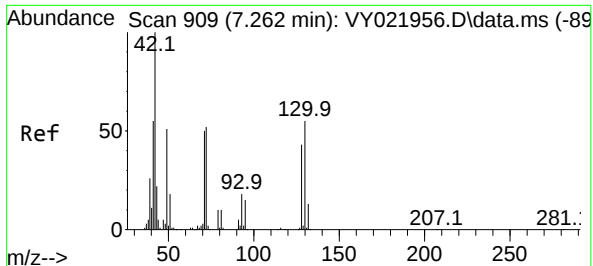
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

130 98.7 78.2 117.4

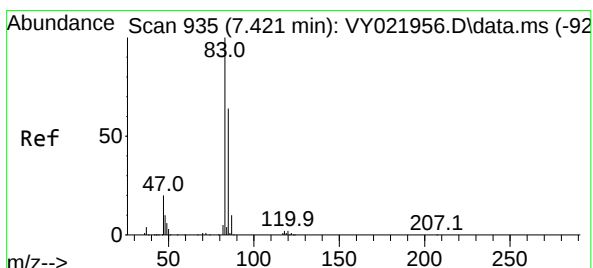
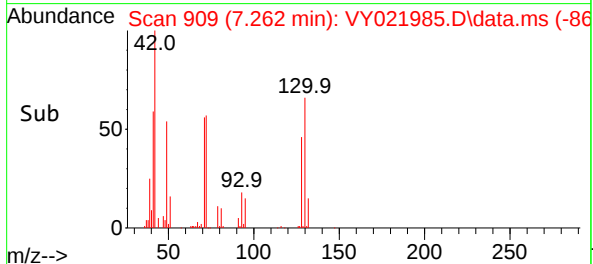
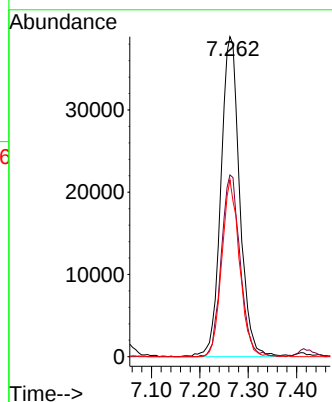
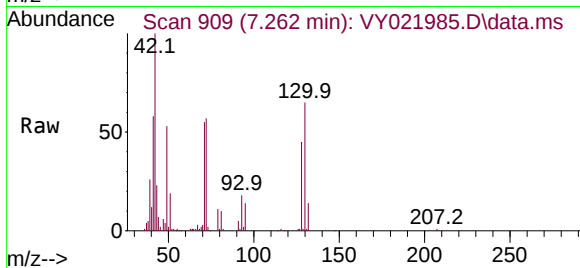




#29
Tetrahydrofuran
Concen: 270.025 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

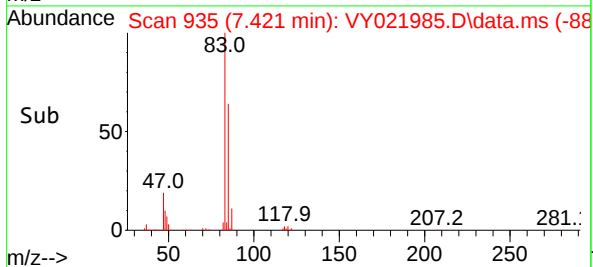
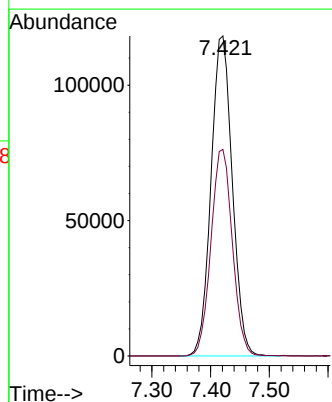
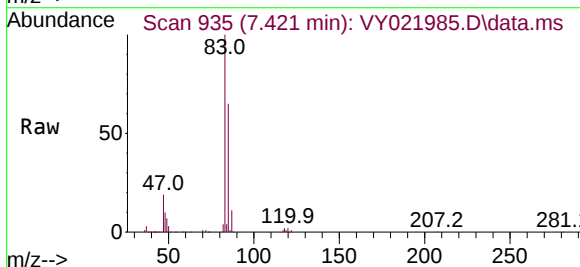
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

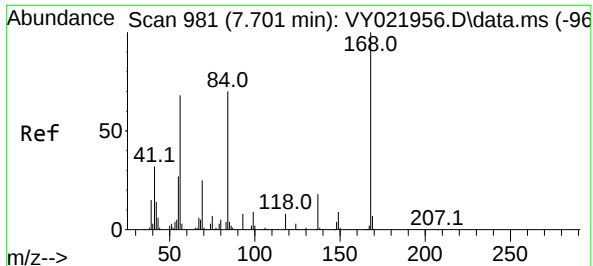
Tgt Ion: 42 Resp: 105200
Ion Ratio Lower Upper
42 100
72 57.0 42.6 63.8
71 52.2 40.6 61.0



#30
Chloroform
Concen: 52.674 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

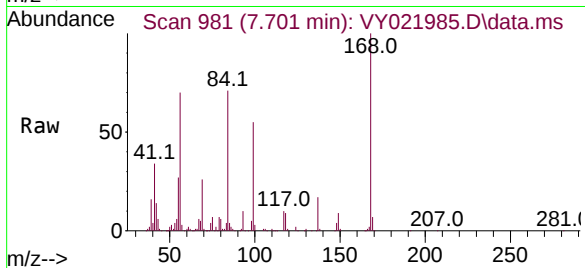
Tgt Ion: 83 Resp: 297216
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9



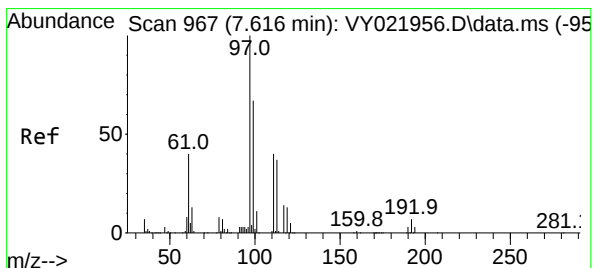
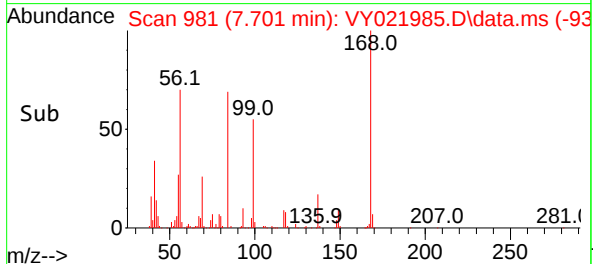
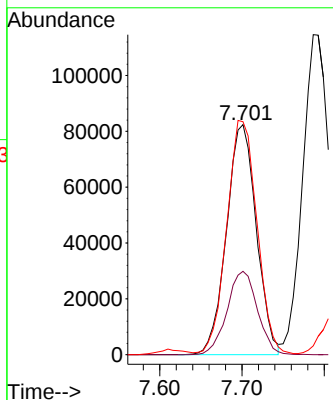


#31
Cyclohexane
Concen: 47.836 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

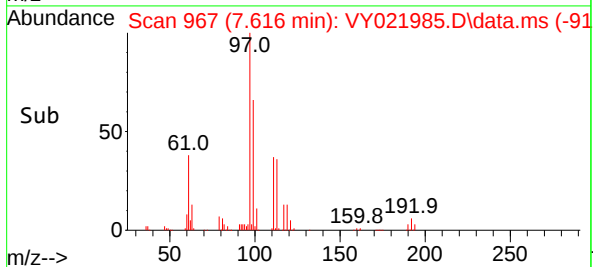
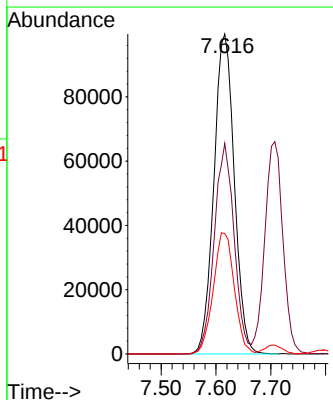
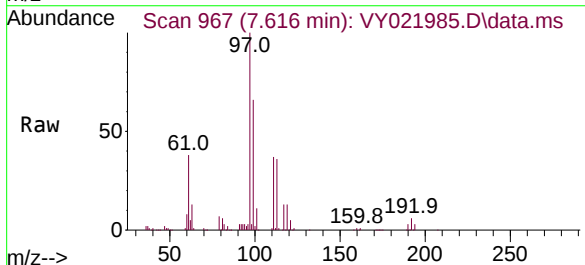


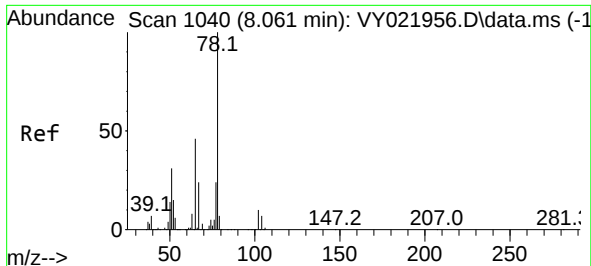
Tgt Ion: 56 Resp: 208095
Ion Ratio Lower Upper
56 100
69 36.2 29.4 44.2
84 99.5 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 50.501 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 97 Resp: 257807
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 39.0 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.567 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

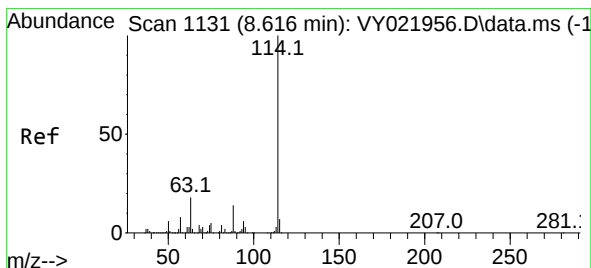
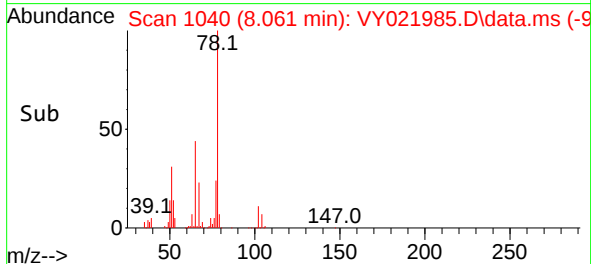
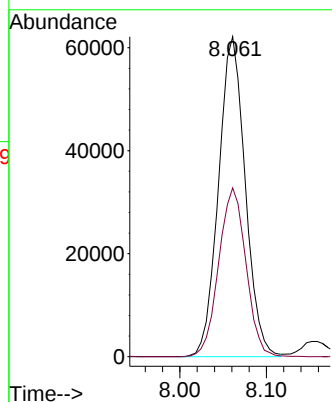
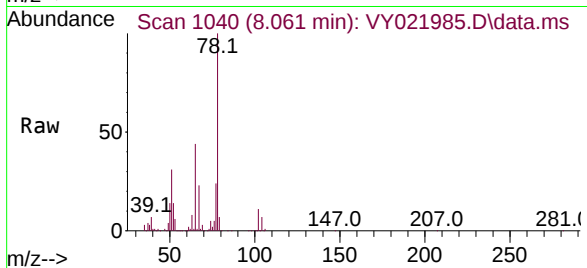
VSTDCCC050EC

Tgt Ion: 65 Resp: 133069

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

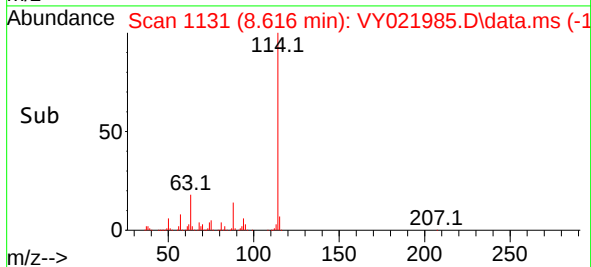
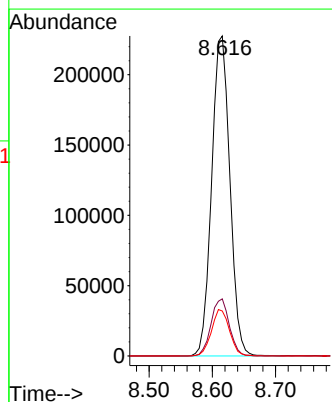
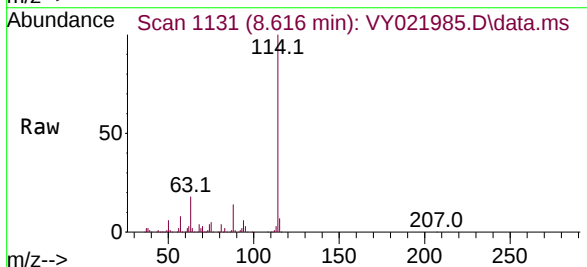
Tgt Ion: 114 Resp: 454673

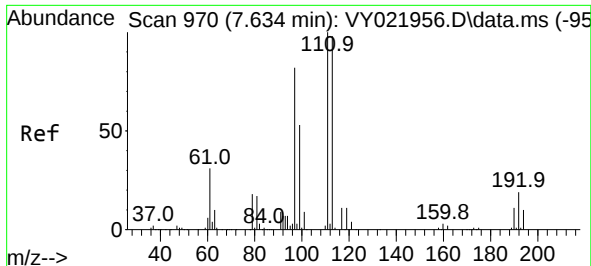
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.4

88 14.1 0.0 28.2

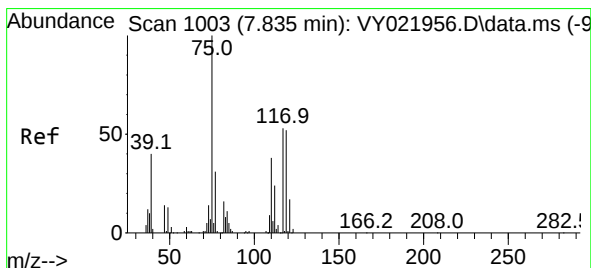
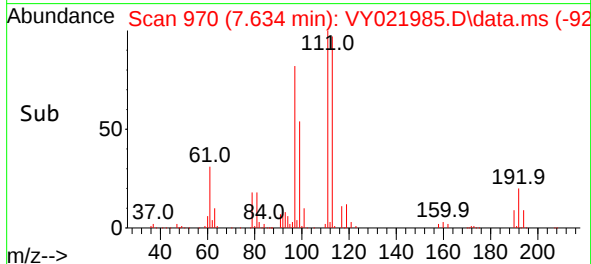
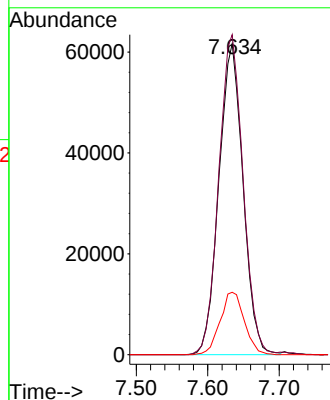
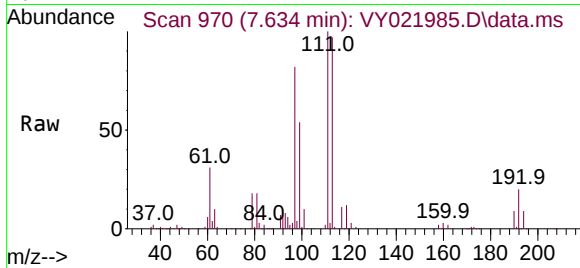




#35
Dibromofluoromethane
Concen: 48.036 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

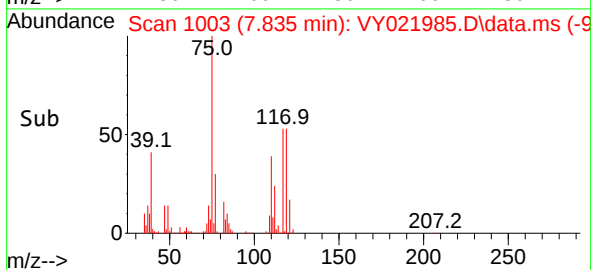
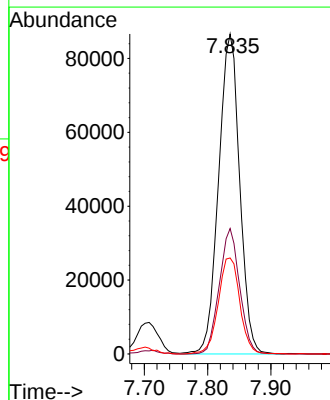
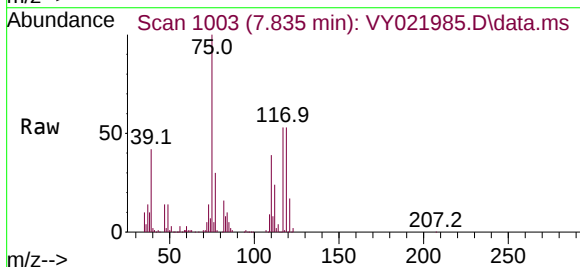
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

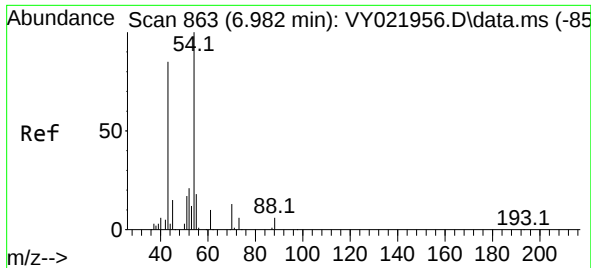
Tgt Ion:113 Resp: 144290
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 20.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 49.576 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 75 Resp: 200034
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.3
77 30.8 25.5 38.3

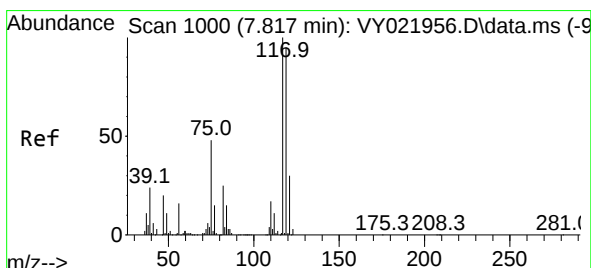
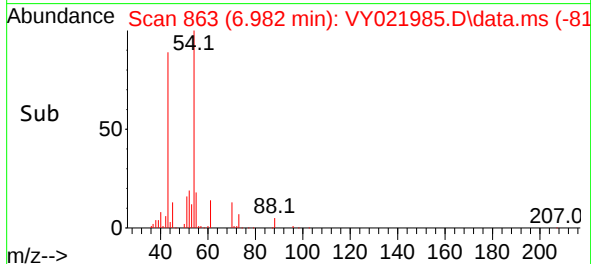
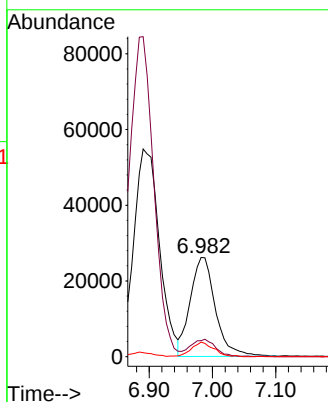
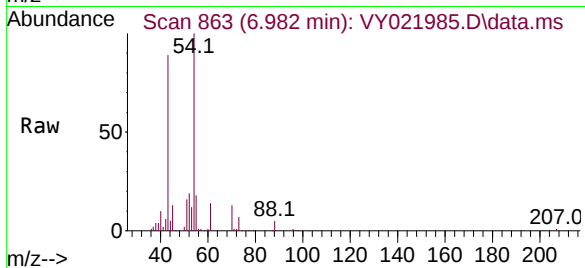




#37
Ethyl Acetate
Concen: 49.830 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

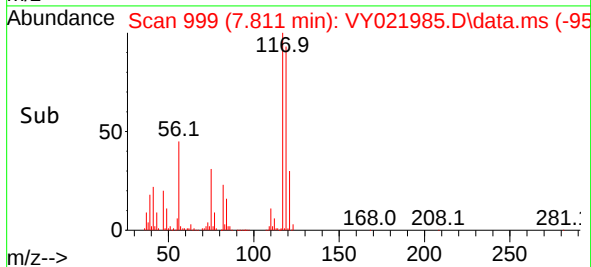
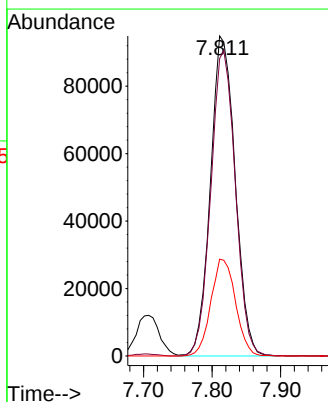
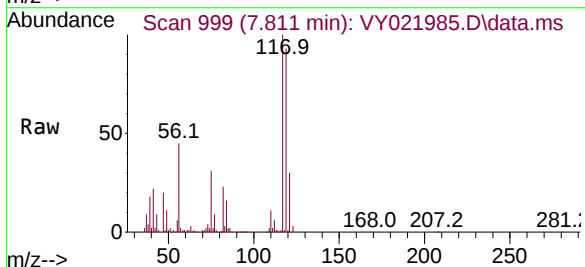
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

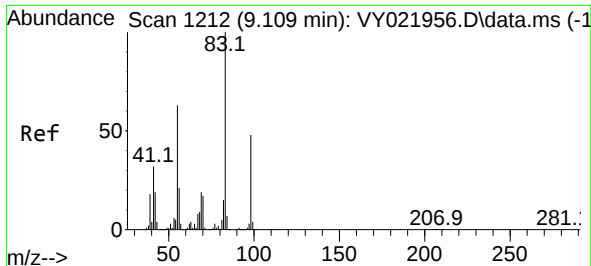
Tgt Ion: 43 Resp: 72211
Ion Ratio Lower Upper
43 100
61 16.4 13.8 20.6
70 13.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 49.270 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 117 Resp: 237551
Ion Ratio Lower Upper
117 100
119 93.0 76.2 114.4
121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 48.882 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

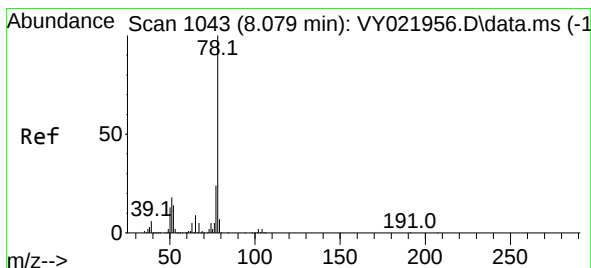
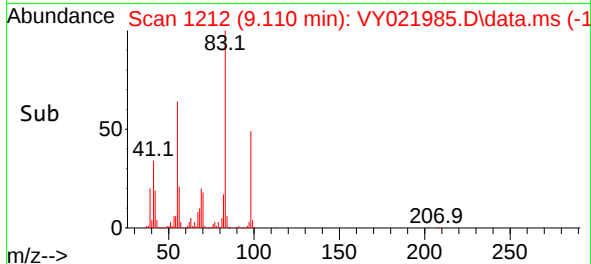
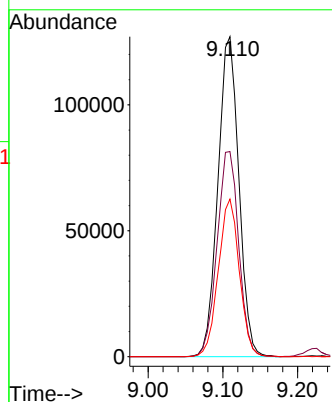
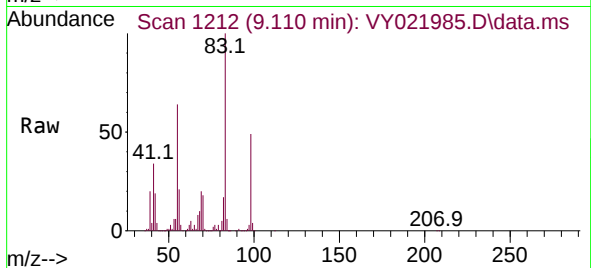
Tgt Ion: 83 Resp: 248208

Ion Ratio Lower Upper

83 100

55 64.1 50.6 75.8

98 49.2 38.6 58.0



#40

Benzene

Concen: 51.247 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021985.D

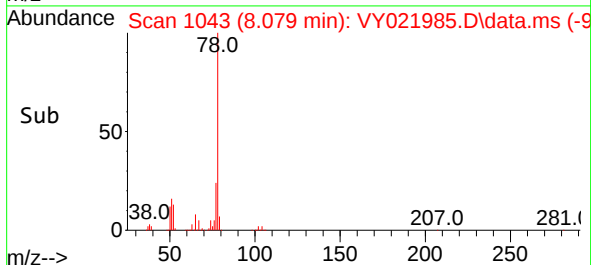
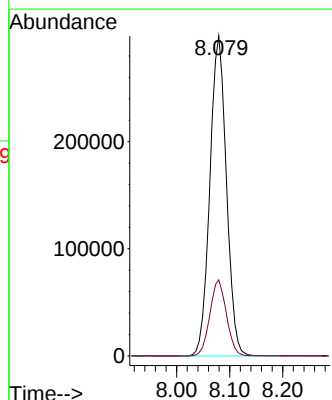
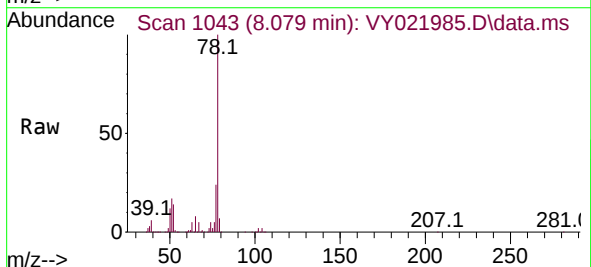
Acq: 23 Apr 2025 20:31

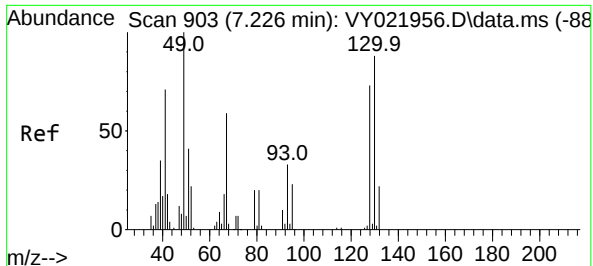
Tgt Ion: 78 Resp: 646376

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

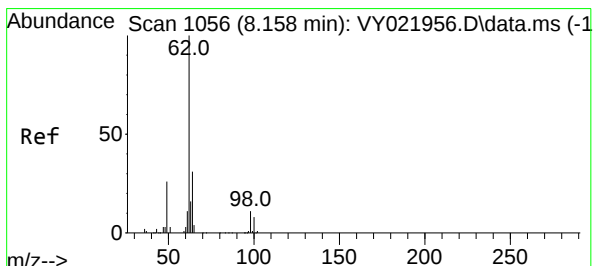
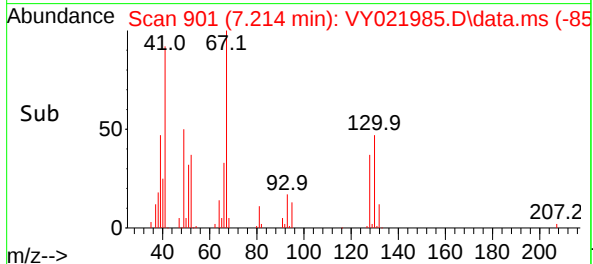
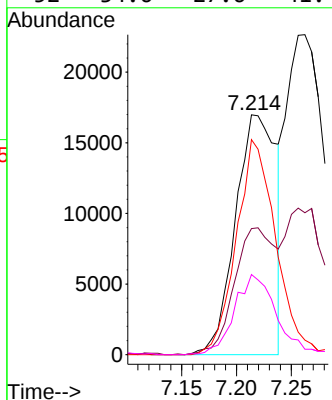
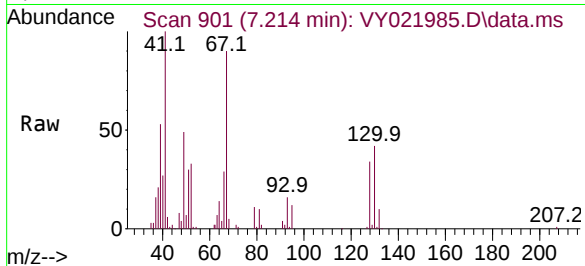




#41
Methacrylonitrile
Concen: 55.549 ug/l
RT: 7.214 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

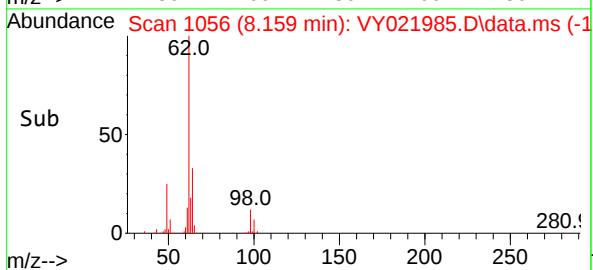
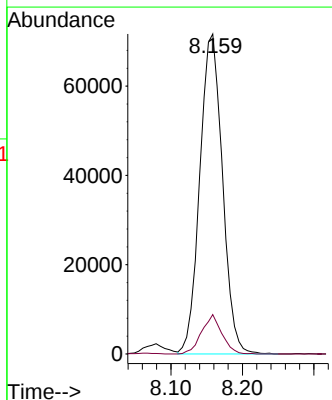
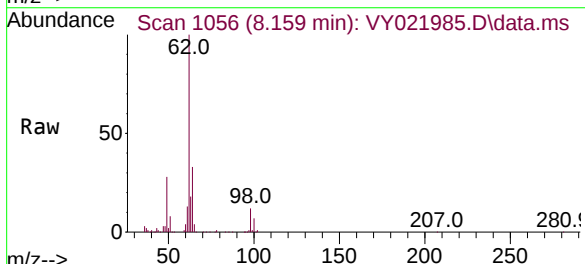
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

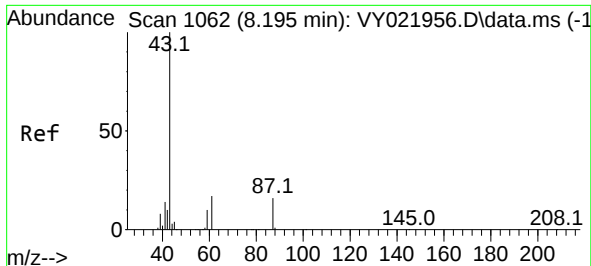
Tgt Ion:	41	Resp:	44005
Ion	Ratio	Lower	Upper
41	100		
39	53.6	36.6	55.0
67	87.4	72.2	108.4
52	34.6	27.6	41.4



#42
1,2-Dichloroethane
Concen: 50.511 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion:	62	Resp:	157737
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

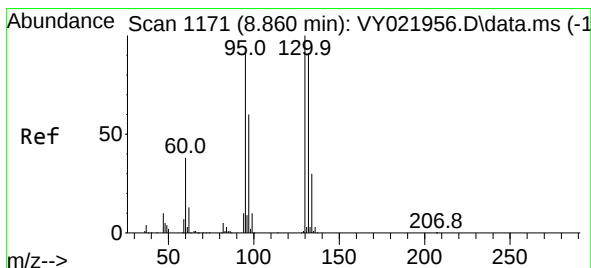
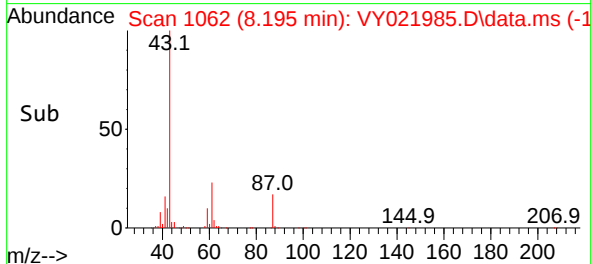
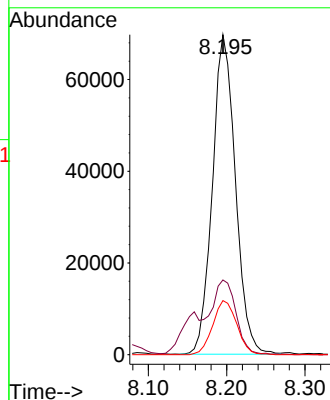
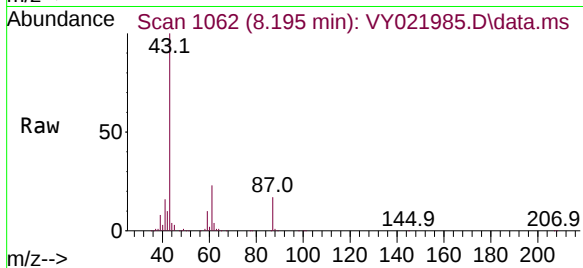




#43
Isopropyl Acetate
Concen: 51.170 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

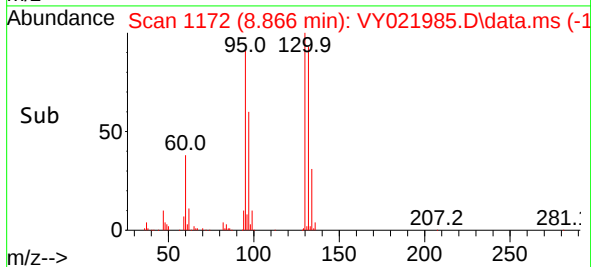
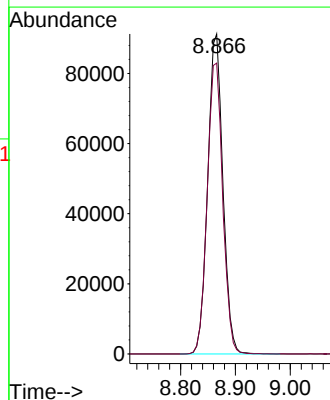
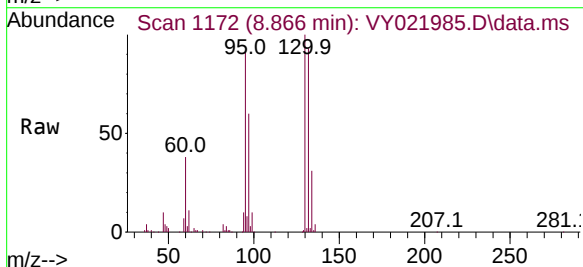
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

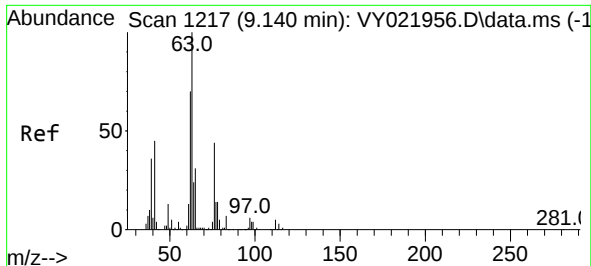
Tgt Ion: 43 Resp: 142404
Ion Ratio Lower Upper
43 100
61 24.3 18.9 28.3
87 17.7 13.7 20.5



#44
Trichloroethene
Concen: 49.992 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion:130 Resp: 174654
Ion Ratio Lower Upper
130 100
95 90.9 0.0 183.2





#45

1,2-Dichloropropane

Concen: 51.797 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

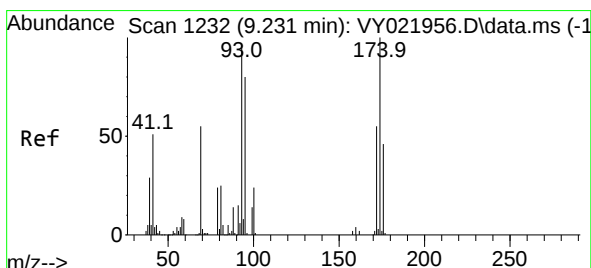
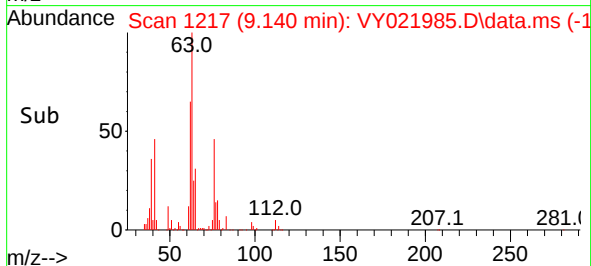
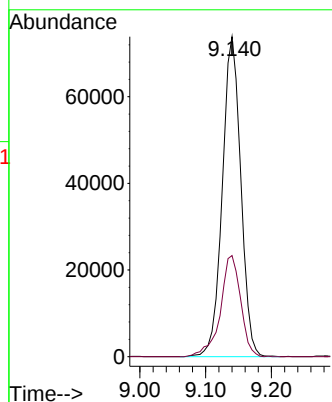
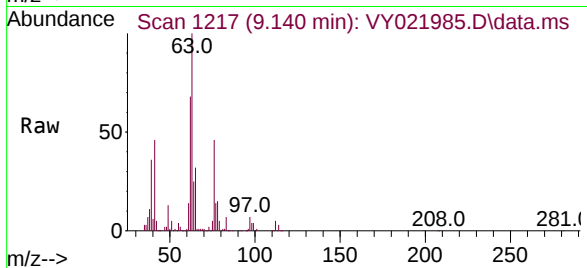
VSTDCCC050EC

Tgt Ion: 63 Resp: 144478

Ion Ratio Lower Upper

63 100

65 31.6 25.2 37.8



#46

Dibromomethane

Concen: 51.478 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

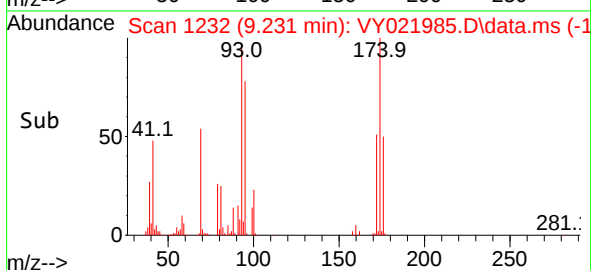
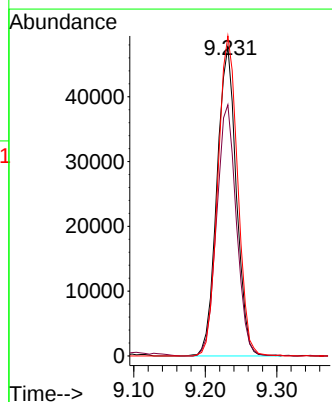
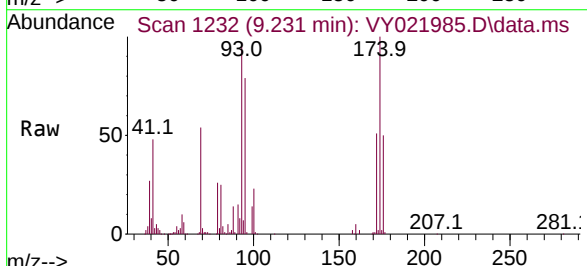
Tgt Ion: 93 Resp: 89884

Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 105.0 84.6 127.0

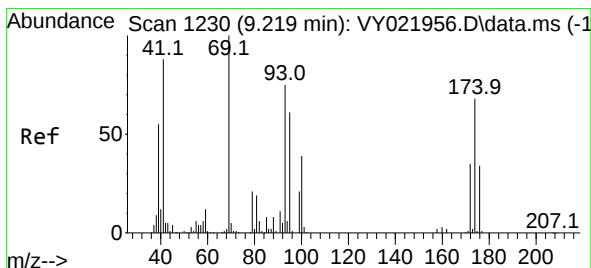
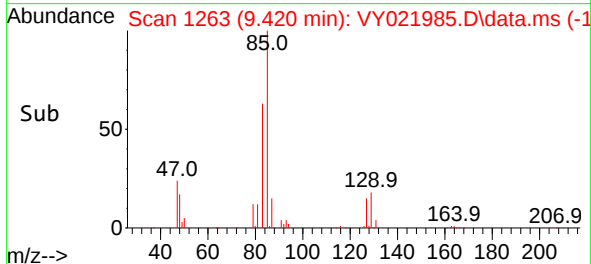
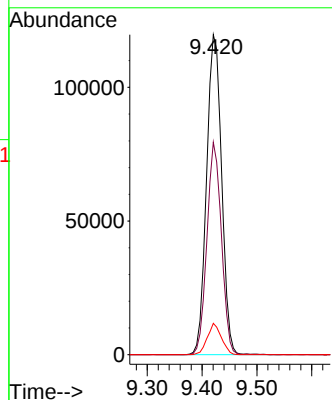
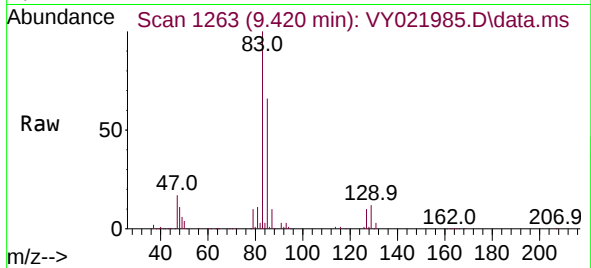




#47
Bromodichloromethane
Concen: 52.158 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

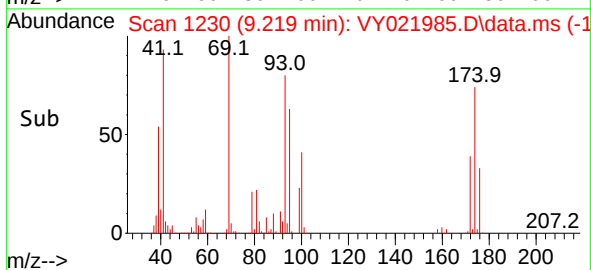
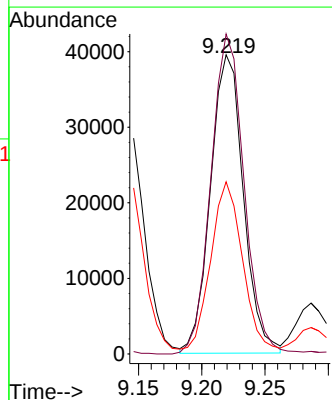
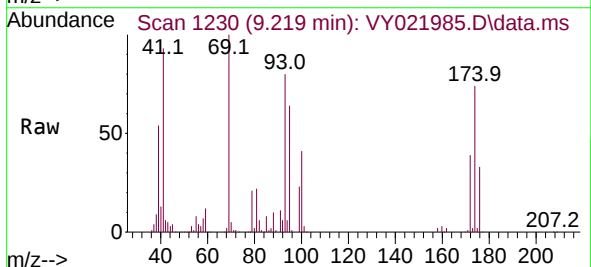
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

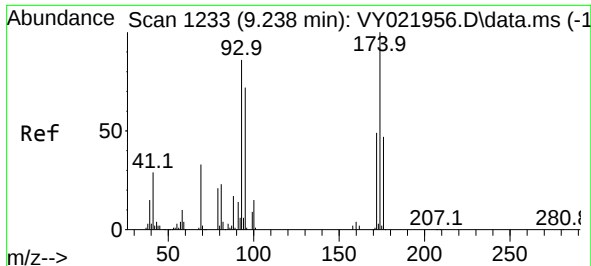
Tgt Ion: 83 Resp: 227511
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.8
127 9.8 7.0 10.6



#48
Methyl methacrylate
Concen: 55.485 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 41 Resp: 71382
Ion Ratio Lower Upper
41 100
69 108.7 85.5 128.3
39 53.6 46.2 69.4





#49

1,4-Dioxane

Concen: 1012.716 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

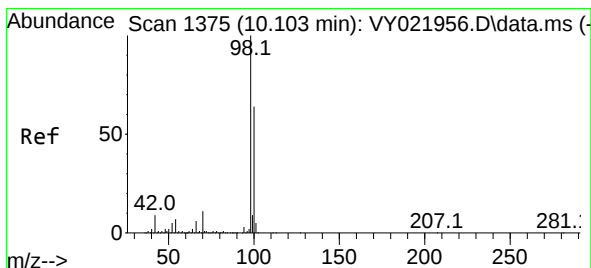
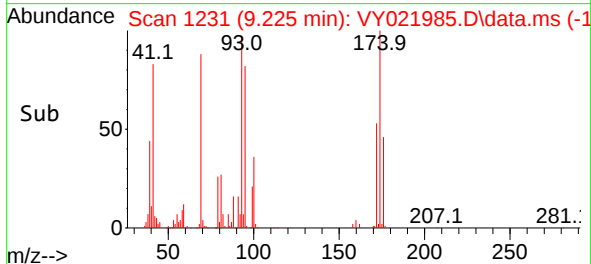
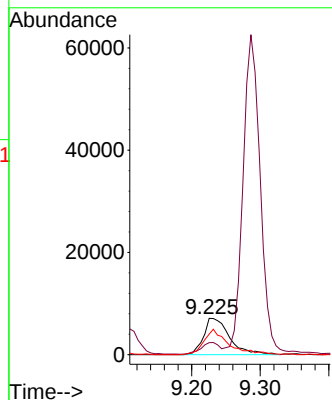
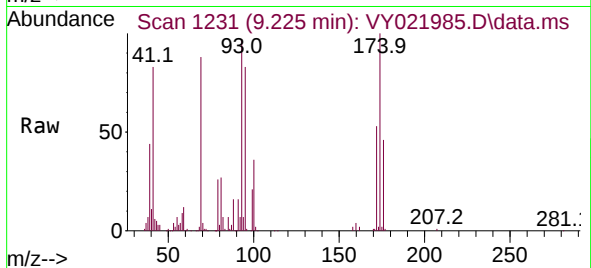
Tgt Ion: 88 Resp: 18847

Ion Ratio Lower Upper

88 100

43 22.7 21.3 31.9

58 66.0 50.5 75.7



#50

Toluene-d8

Concen: 49.228 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021985.D

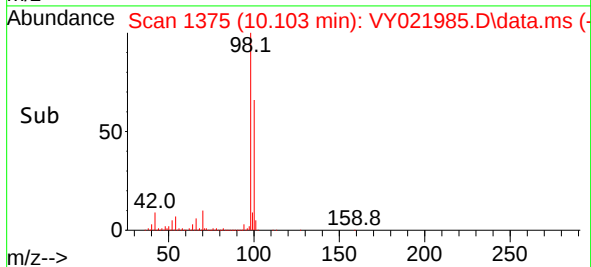
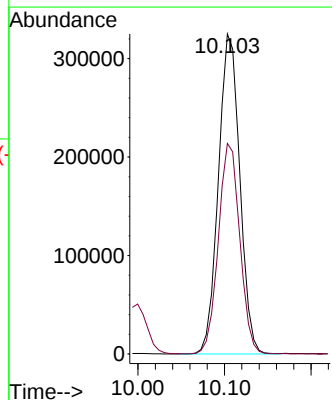
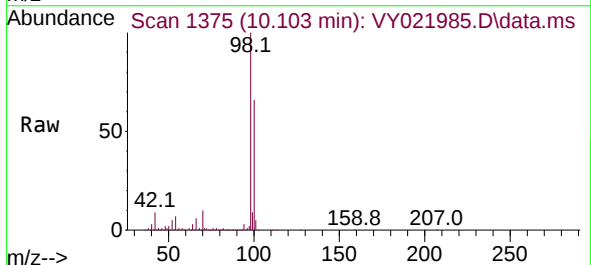
Acq: 23 Apr 2025 20:31

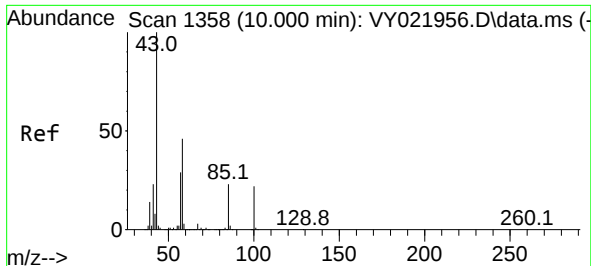
Tgt Ion: 98 Resp: 557471

Ion Ratio Lower Upper

98 100

100 65.8 51.6 77.4

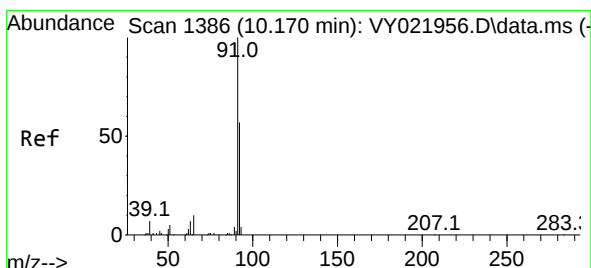
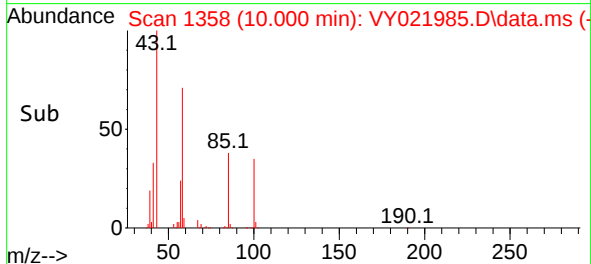
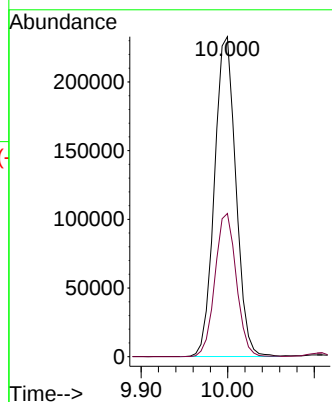
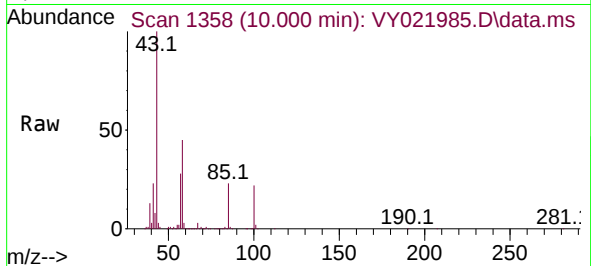




#51
4-Methyl-2-Pentanone
Concen: 274.054 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

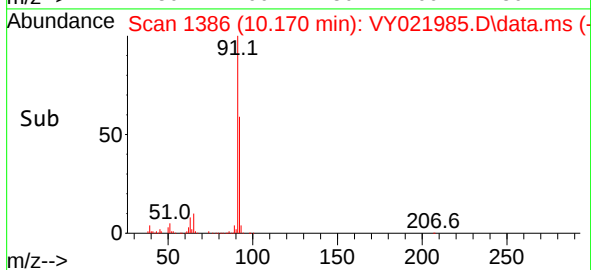
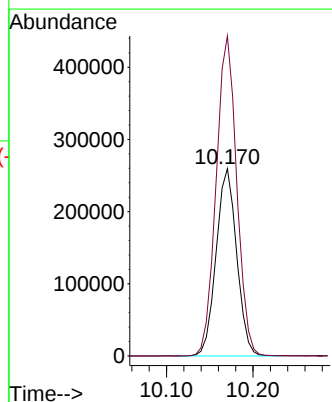
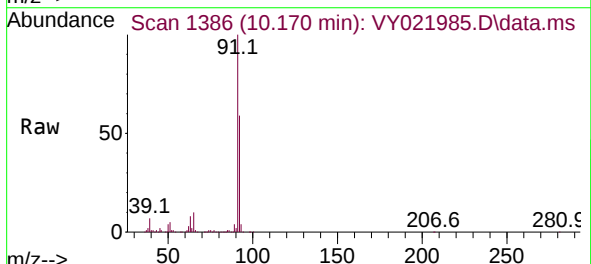
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

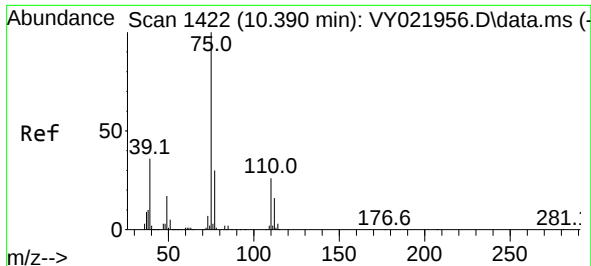
Tgt Ion: 43 Resp: 399808
Ion Ratio Lower Upper
43 100
58 44.7 36.6 55.0



#52
Toluene
Concen: 52.400 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 92 Resp: 427820
Ion Ratio Lower Upper
92 100
91 171.4 138.6 207.8

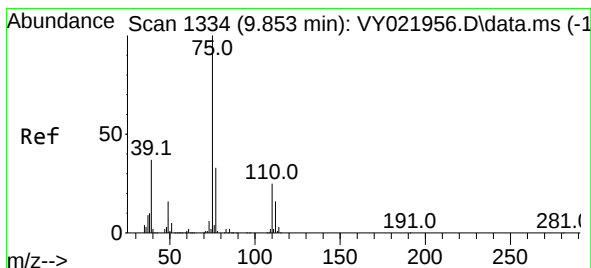
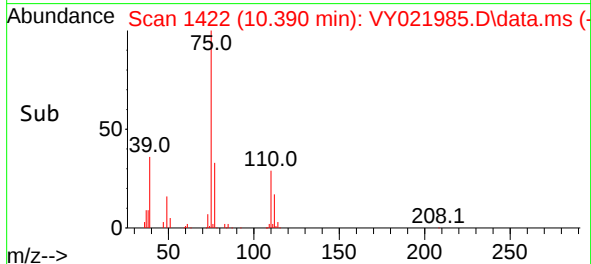
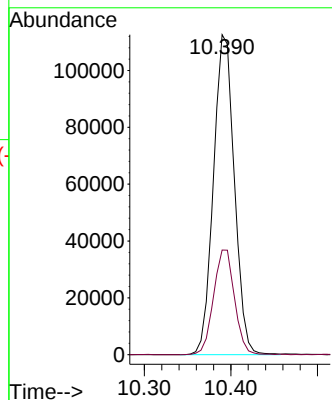
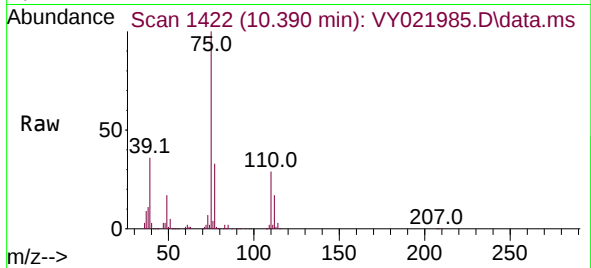




#53
t-1,3-Dichloropropene
Concen: 50.489 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

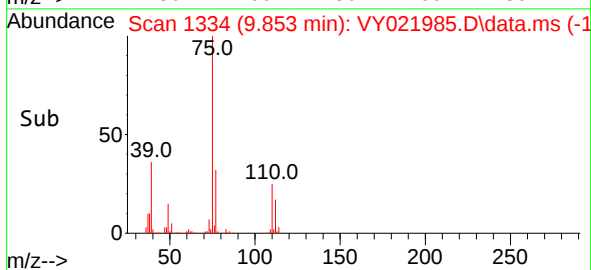
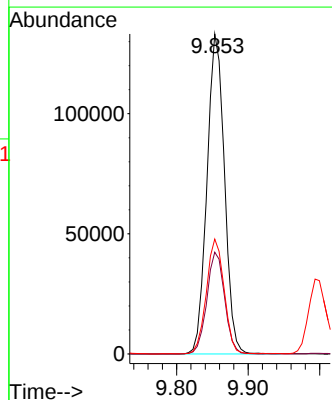
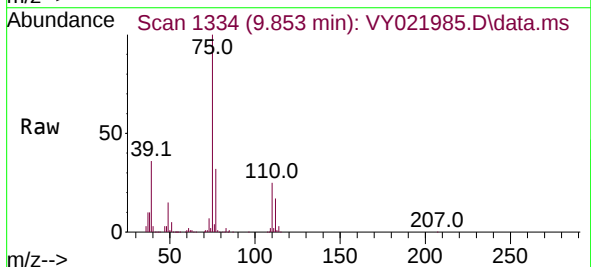
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 188902
Ion Ratio Lower Upper
75 100
77 32.7 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 50.867 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 75 Resp: 226231
Ion Ratio Lower Upper
75 100
77 31.8 26.6 40.0
39 35.8 29.6 44.4



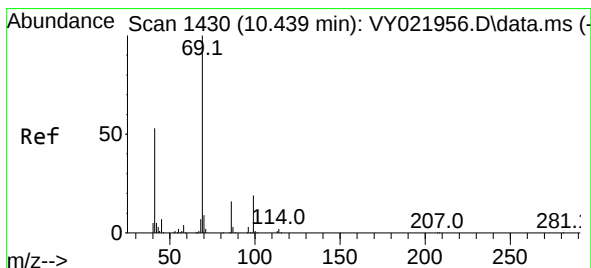
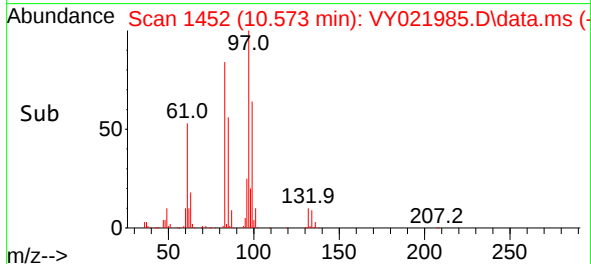
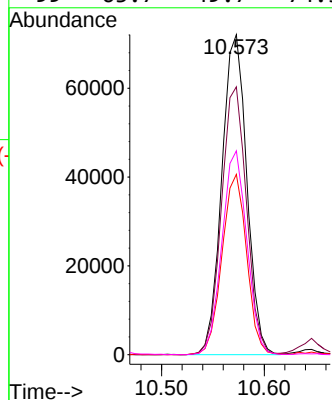
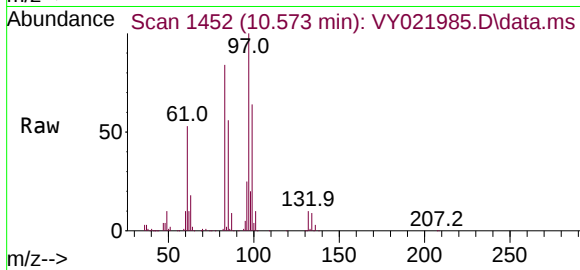


#55
1,1,2-Trichloroethane
Concen: 52.183 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 121710

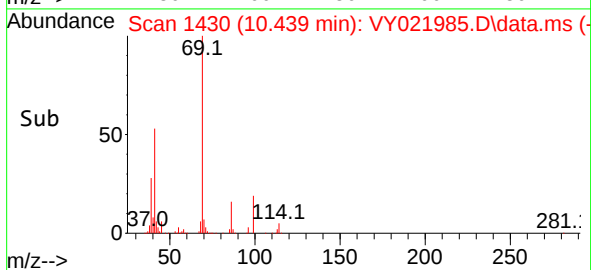
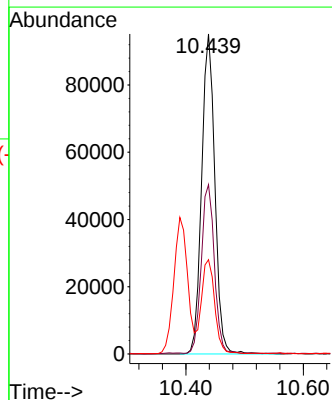
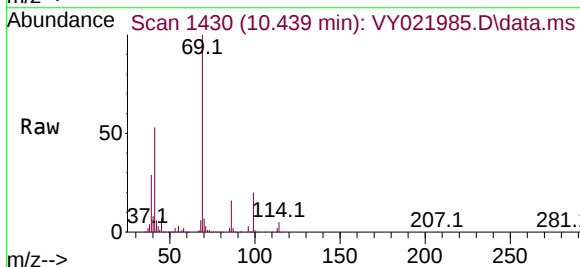
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.7	100.1
85	56.3	42.6	64.0
99	63.7	49.7	74.5

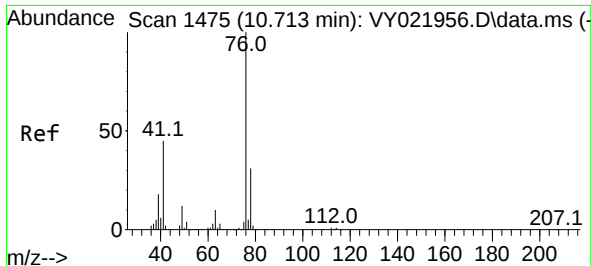


#56
Ethyl methacrylate
Concen: 55.495 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 69 Resp: 148017

Ion	Ratio	Lower	Upper
69	100		
41	52.2	40.7	61.1
39	29.6	23.3	34.9





#57

1,3-Dichloropropane

Concen: 52.608 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

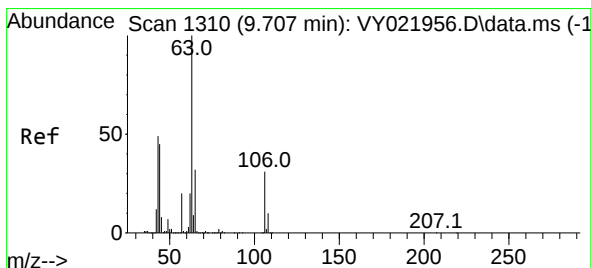
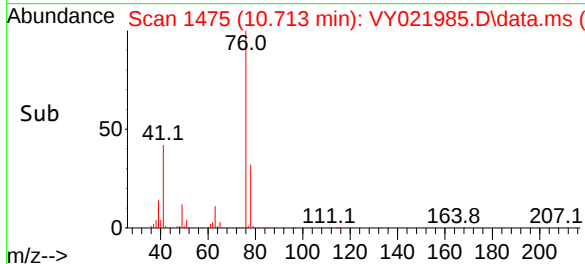
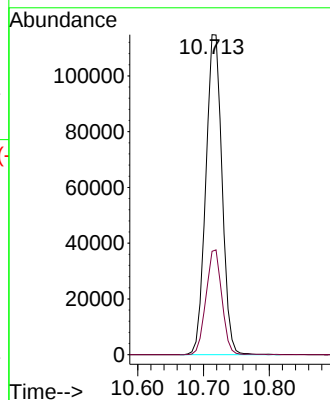
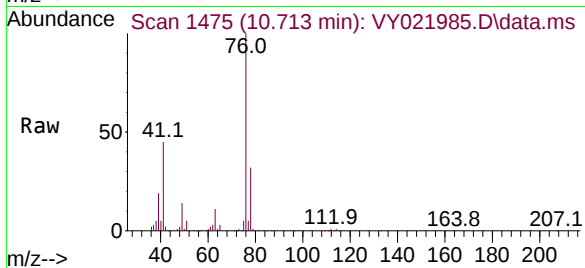
VSTDCCC050EC

Tgt Ion: 76 Resp: 196706

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 283.049 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY021985.D

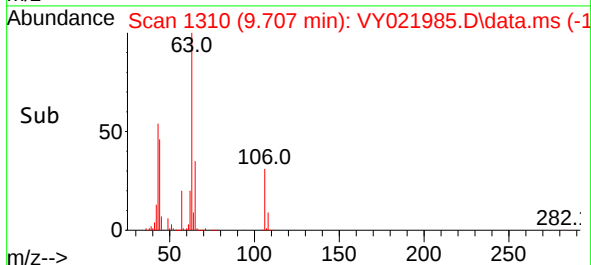
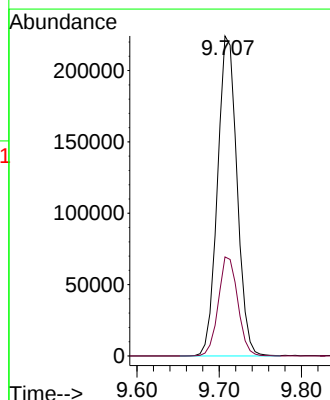
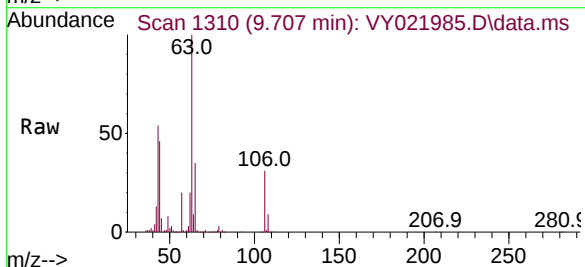
Acq: 23 Apr 2025 20:31

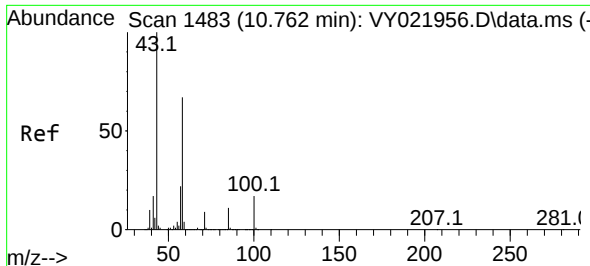
Tgt Ion: 63 Resp: 369117

Ion Ratio Lower Upper

63 100

106 30.8 25.3 37.9

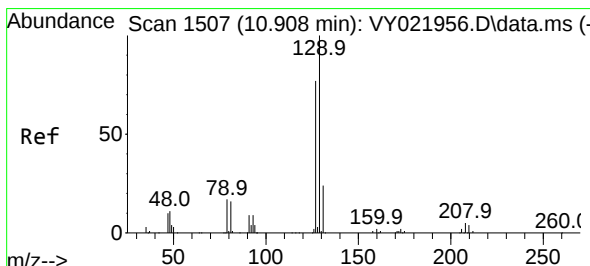
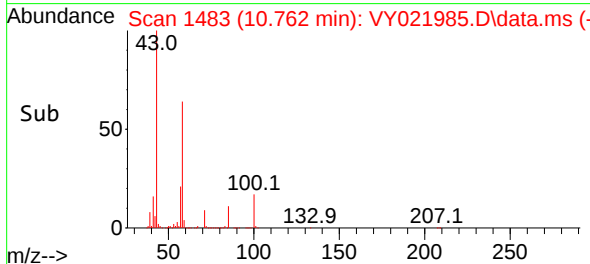
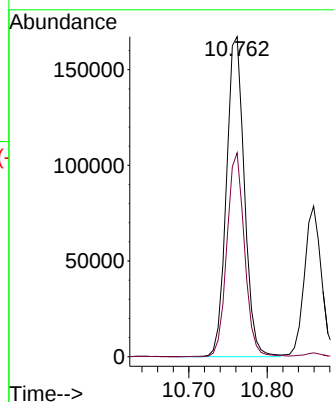
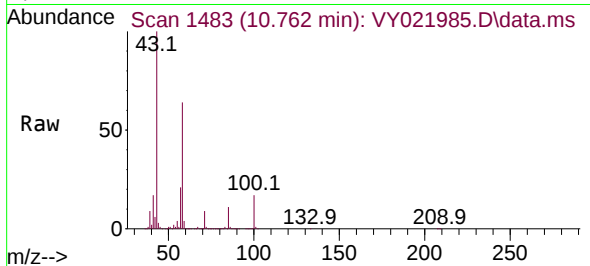




#59
2-Hexanone
Concen: 276.764 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

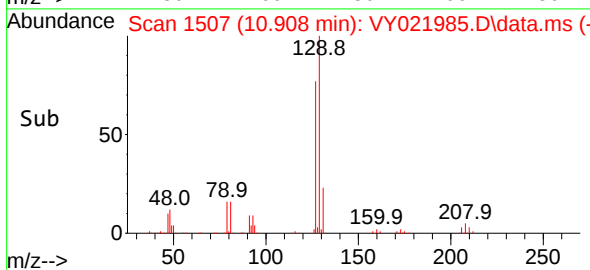
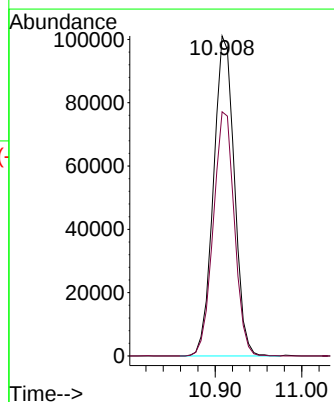
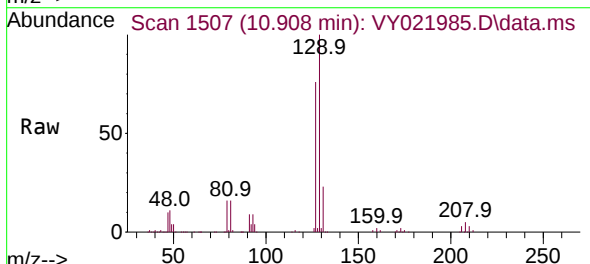
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

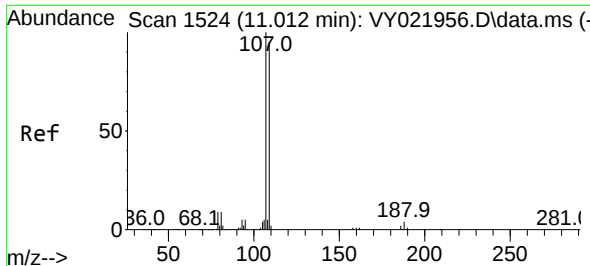
Tgt Ion: 43 Resp: 266314
Ion Ratio Lower Upper
43 100
58 62.5 32.0 96.0



#60
Dibromochloromethane
Concen: 52.212 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 129 Resp: 168598
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

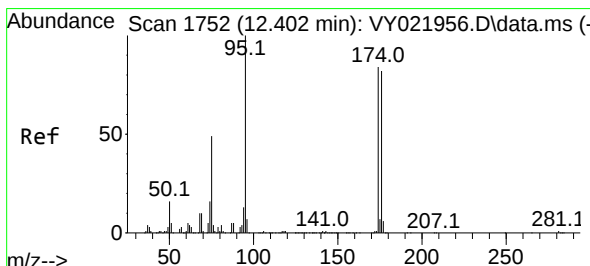
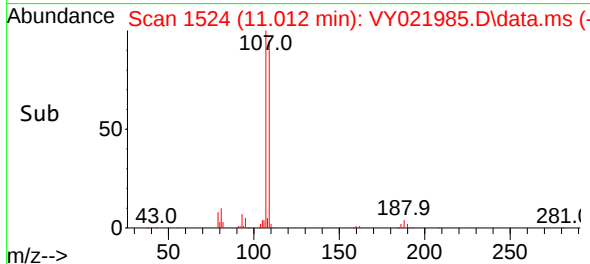
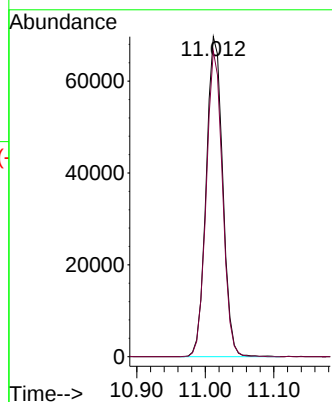
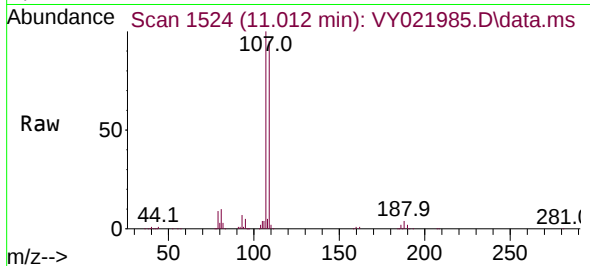




#61
1,2-Dibromoethane
Concen: 53.149 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

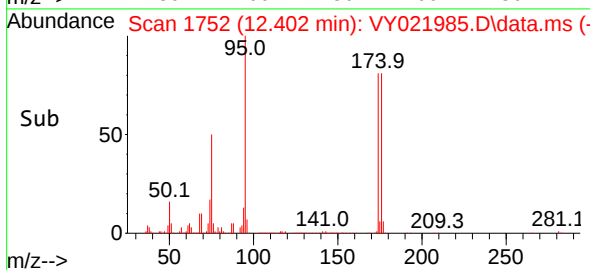
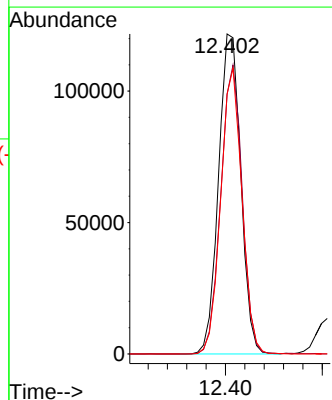
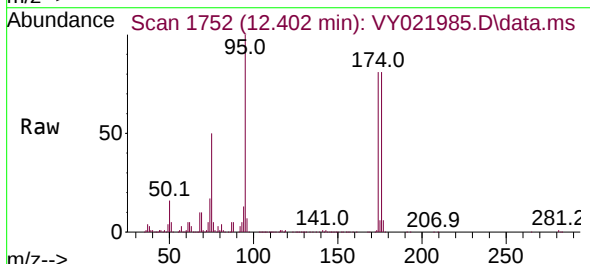
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

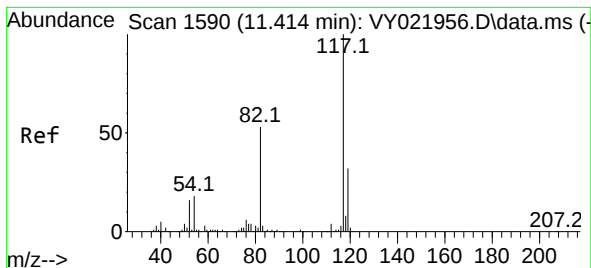
Tgt Ion:107 Resp: 117028
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.778 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 95 Resp: 193576
Ion Ratio Lower Upper
95 100
174 87.1 0.0 179.0
176 85.1 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

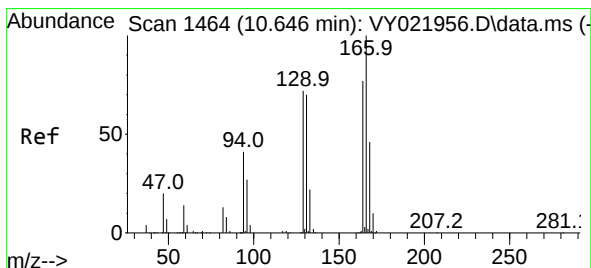
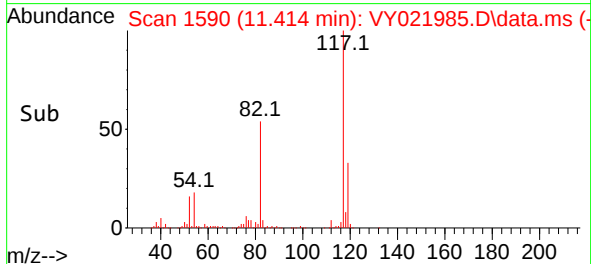
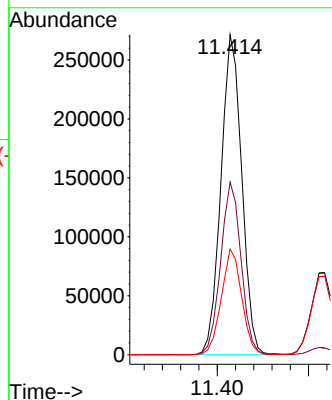
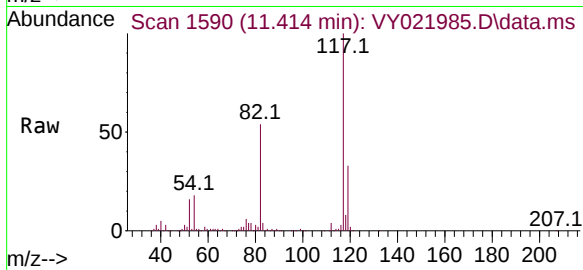
Tgt Ion:117 Resp: 429705

Ion Ratio Lower Upper

117 100

82 53.9 42.1 63.1

119 33.1 25.7 38.5



#64

Tetrachloroethene

Concen: 48.334 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Tgt Ion:164 Resp: 195932

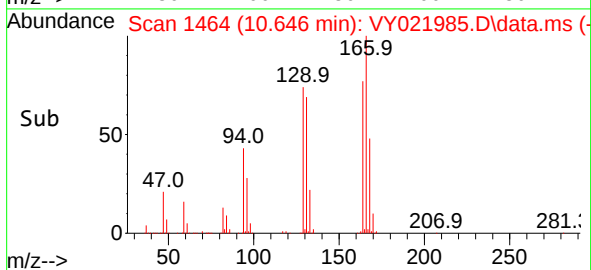
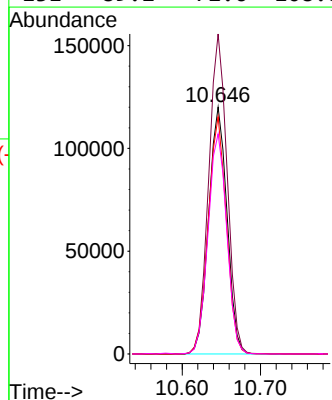
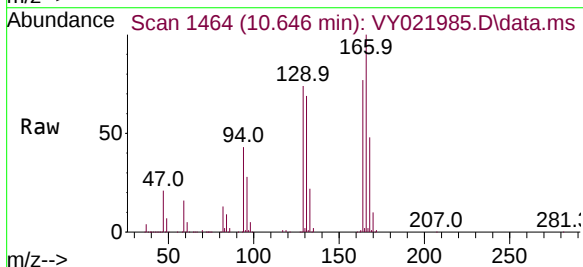
Ion Ratio Lower Upper

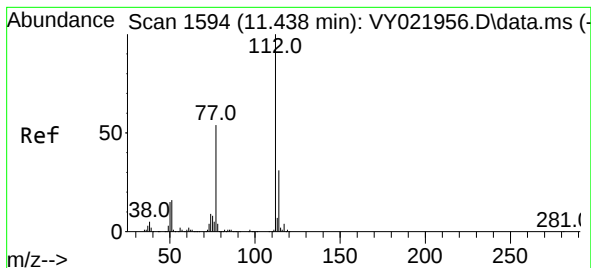
164 100

166 129.6 103.6 155.4

129 96.1 74.2 111.4

131 89.2 72.6 108.8





#65

Chlorobenzene

Concen: 49.681 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

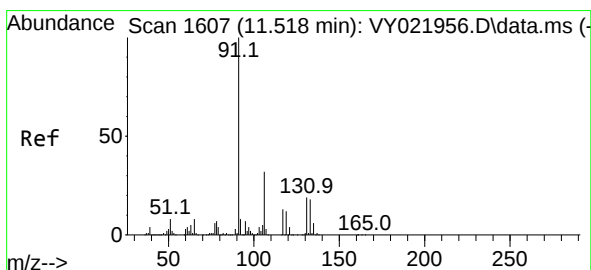
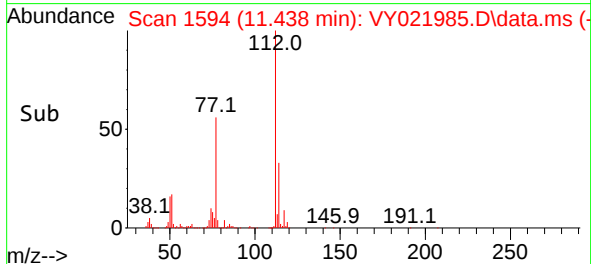
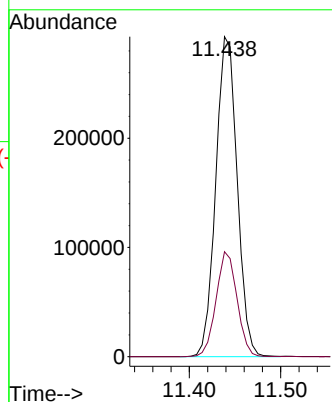
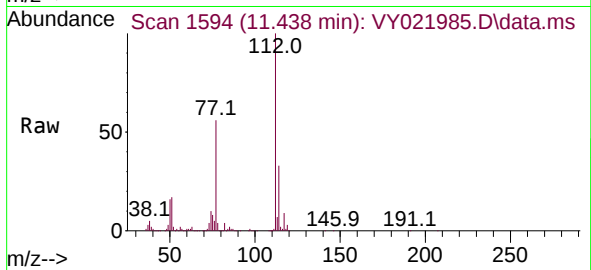
VSTDCCC050EC

Tgt Ion:112 Resp: 477397

Ion Ratio Lower Upper

112 100

114 32.8 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.668 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

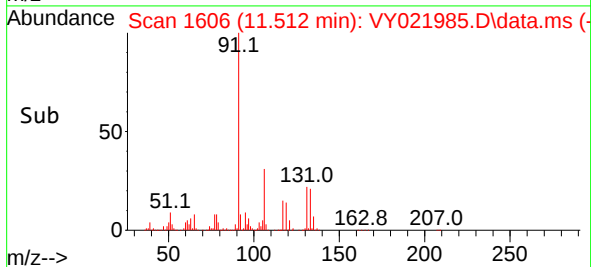
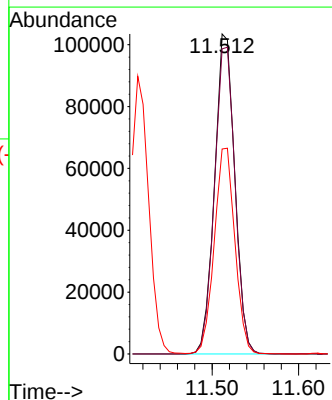
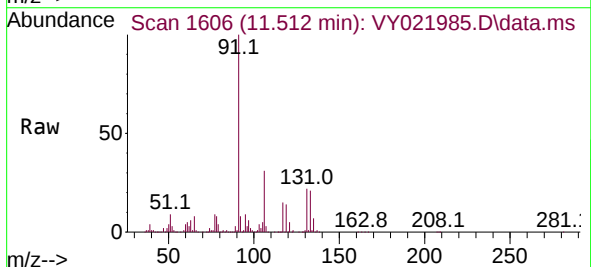
Tgt Ion:131 Resp: 168027

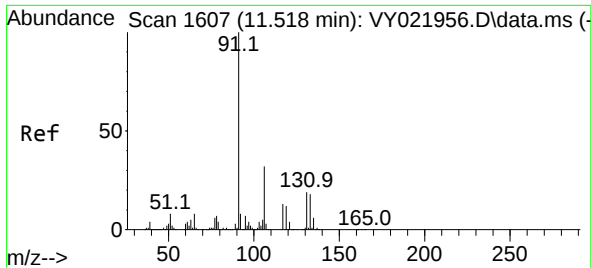
Ion Ratio Lower Upper

131 100

133 97.3 47.8 143.3

119 65.7 32.4 97.0

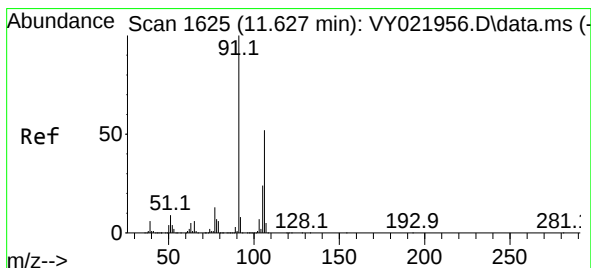
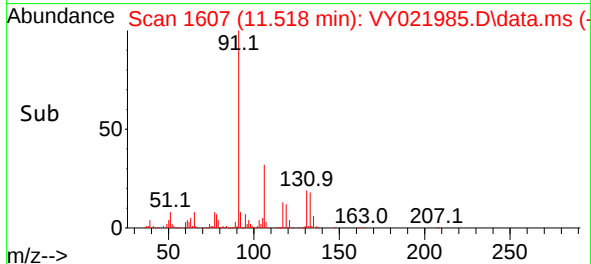
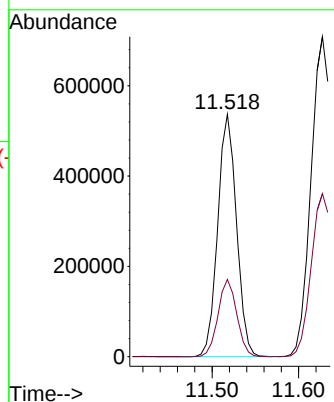
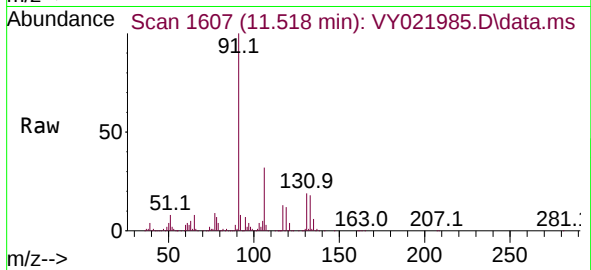




#67
Ethyl Benzene
Concen: 51.378 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

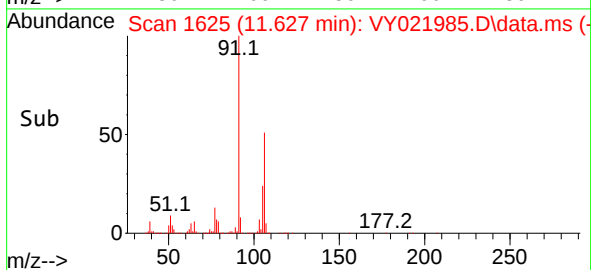
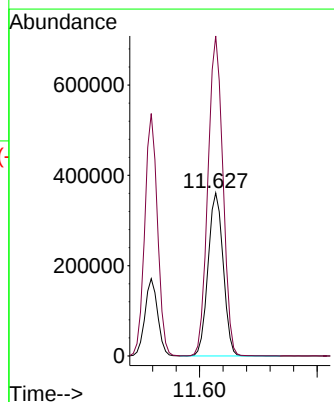
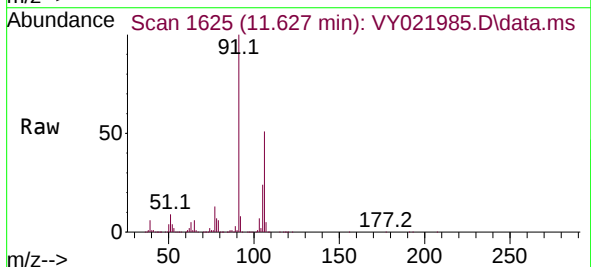
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

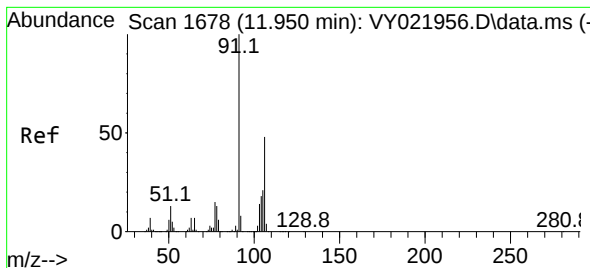
Tgt Ion: 91 Resp: 807619
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 102.908 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion:106 Resp: 643696
Ion Ratio Lower Upper
106 100
91 194.7 156.2 234.2

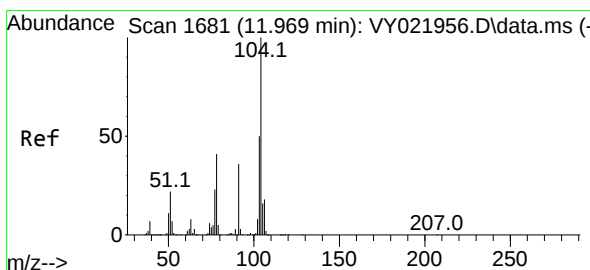
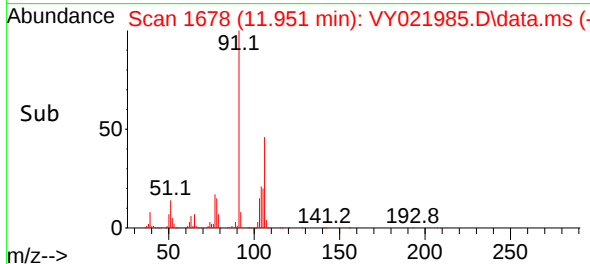
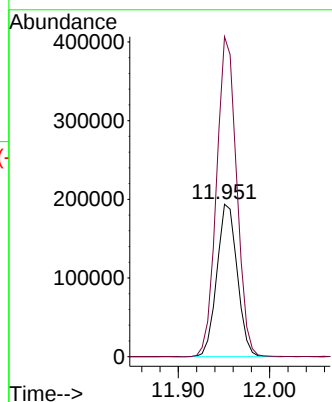
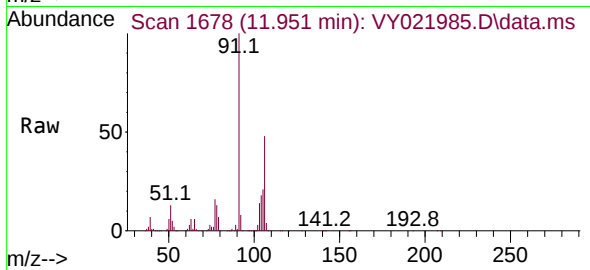




#69
o-Xylene
Concen: 52.097 ug/l
RT: 11.951 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

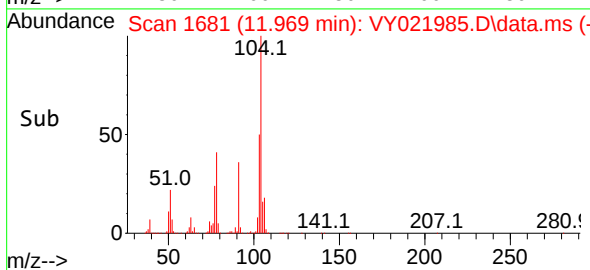
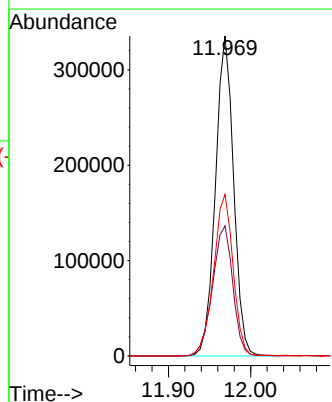
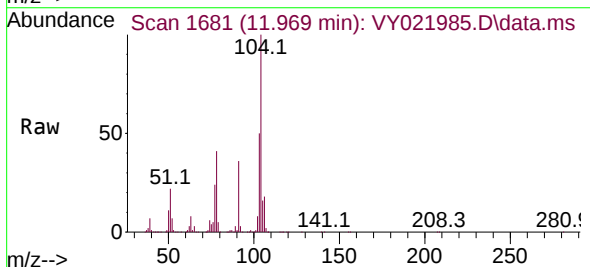
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

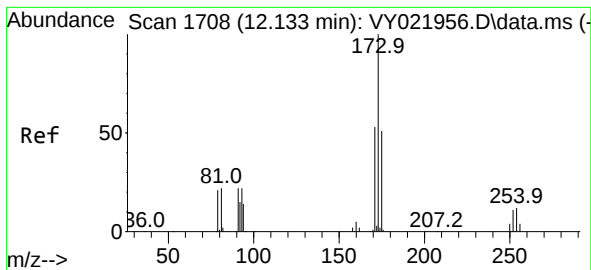
Tgt Ion:106 Resp: 300350
Ion Ratio Lower Upper
106 100
91 207.4 103.0 308.9



#70
Styrene
Concen: 53.214 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion:104 Resp: 515104
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 54.4 43.8 65.8





#71

Bromoform

Concen: 50.339 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

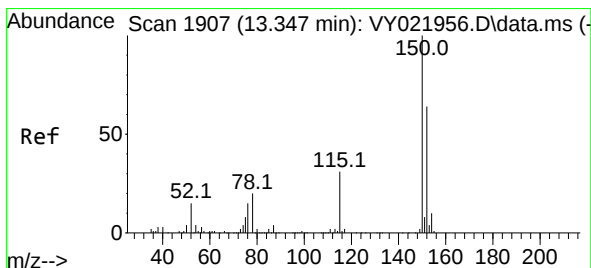
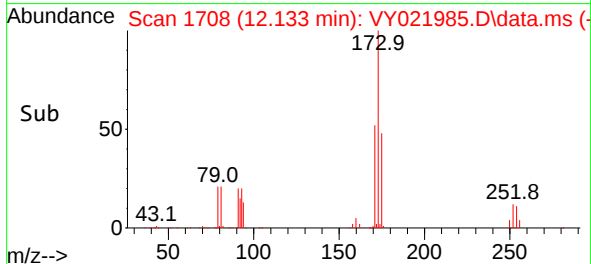
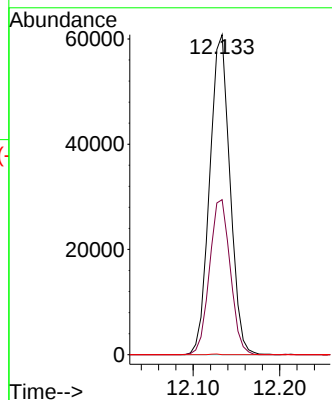
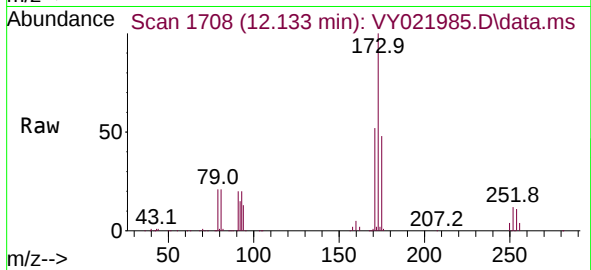
Tgt Ion:173 Resp: 99009

Ion Ratio Lower Upper

173 100

175 49.5 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

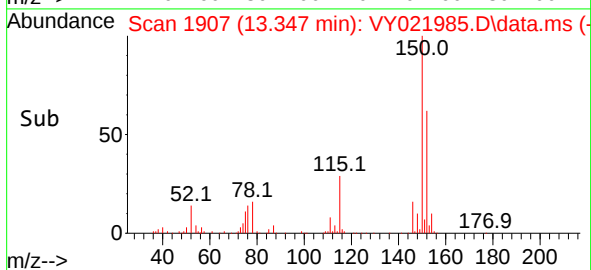
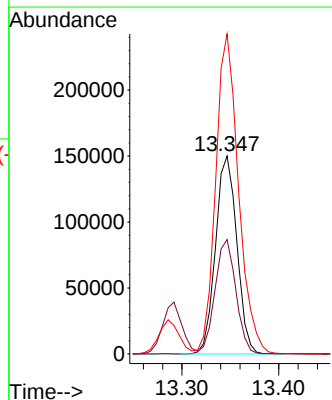
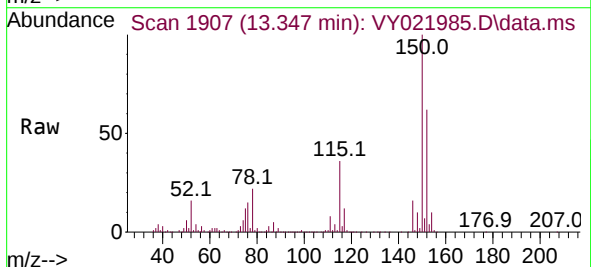
Tgt Ion:152 Resp: 229172

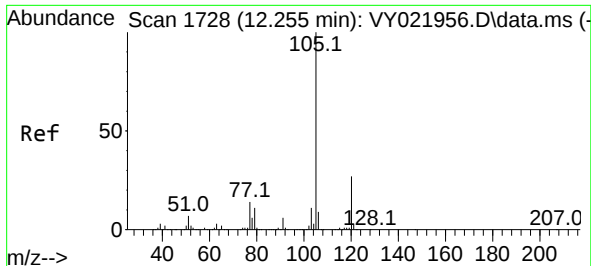
Ion Ratio Lower Upper

152 100

115 56.4 28.0 84.0

150 173.2 0.0 345.6

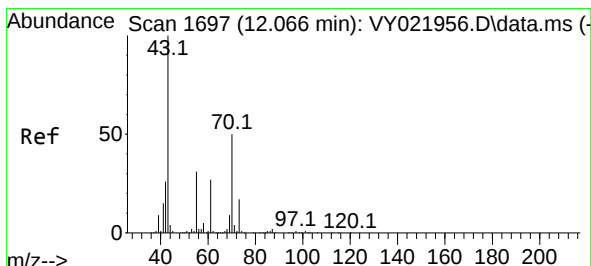
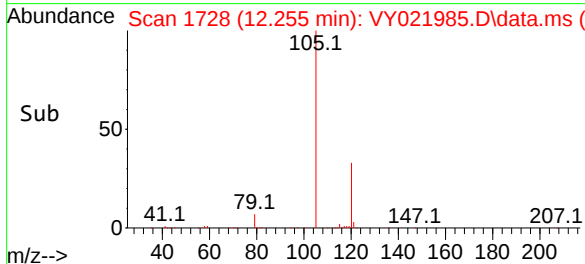
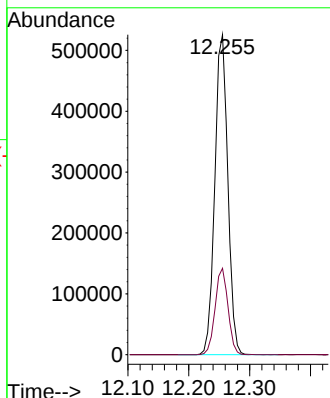
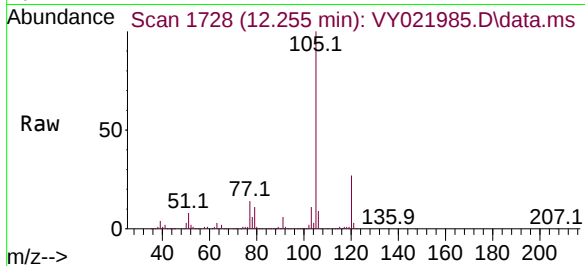




#73
Isopropylbenzene
Concen: 50.697 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

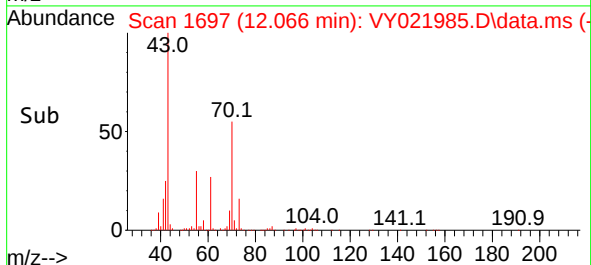
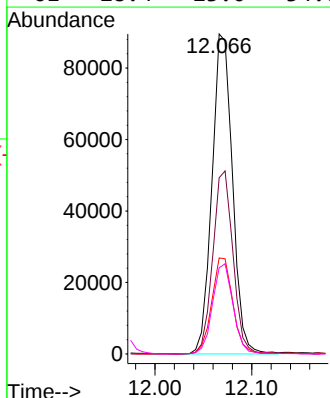
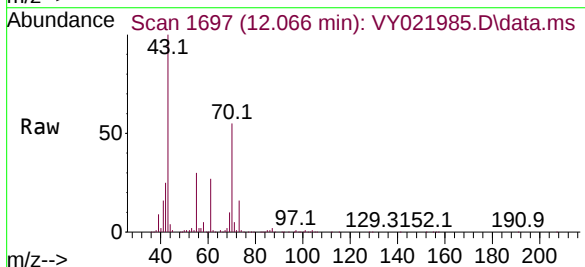
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

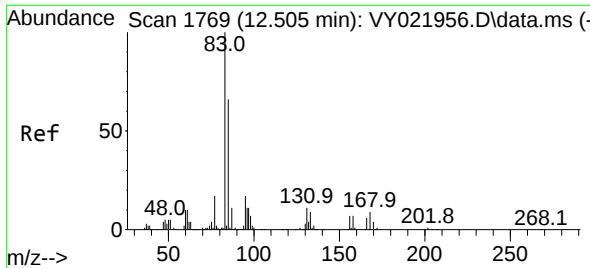
Tgt Ion:105 Resp: 776220
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5



#74
N-ethyl acetate
Concen: 50.131 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 43 Resp: 131875
Ion Ratio Lower Upper
43 100
70 56.6 43.2 64.8
55 31.1 25.7 38.5
61 28.4 23.0 34.6

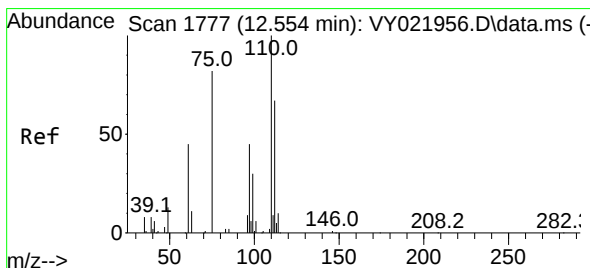
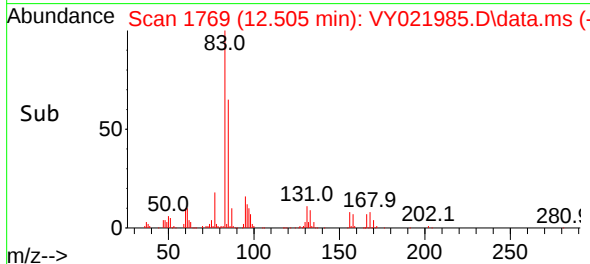
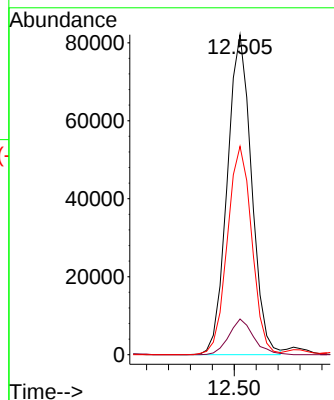
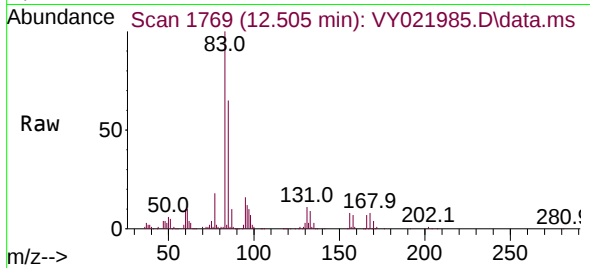




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.999 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

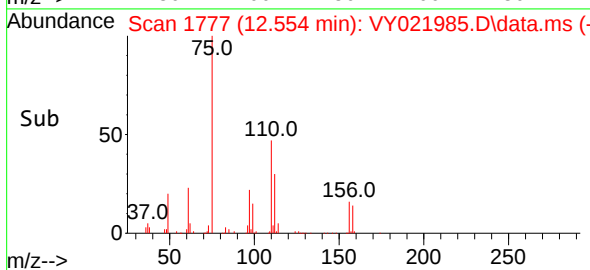
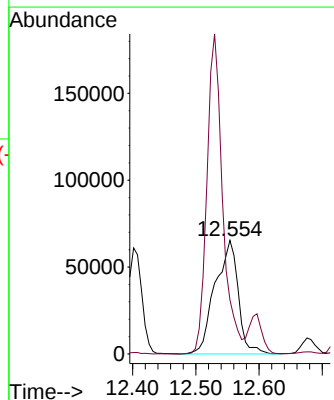
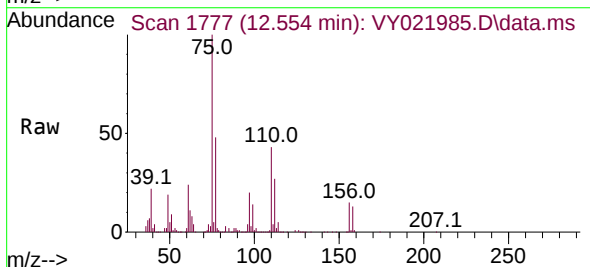
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

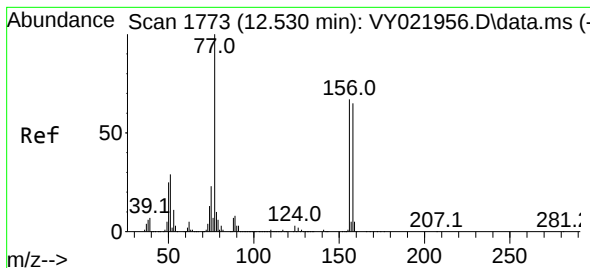
Tgt Ion: 83 Resp: 126486
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.5 16.4
 85 65.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 84.605 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

Tgt Ion: 75 Resp: 166078
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.463 ug/l

RT: 12.530 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

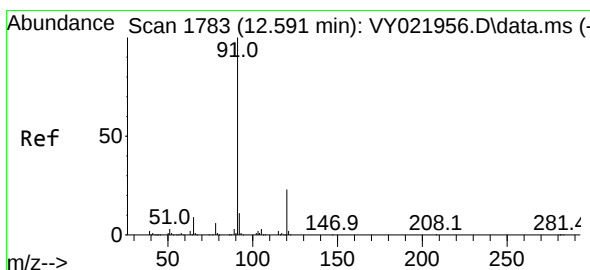
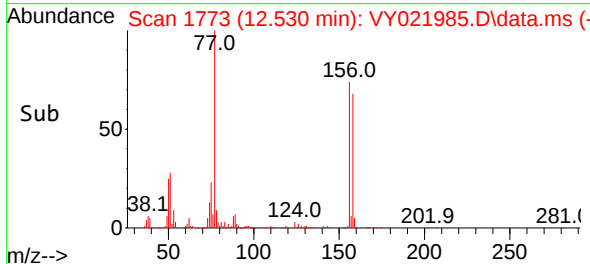
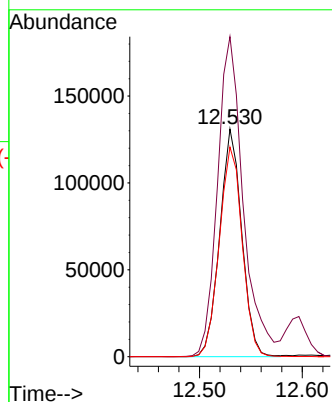
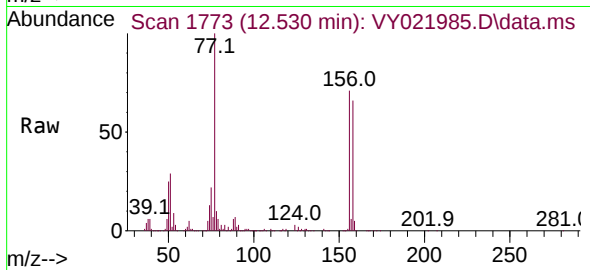
Tgt Ion:156 Resp: 195238

Ion Ratio Lower Upper

156 100

77 163.4 82.7 248.1

158 95.7 48.1 144.4



#78

n-propylbenzene

Concen: 49.920 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY021985.D

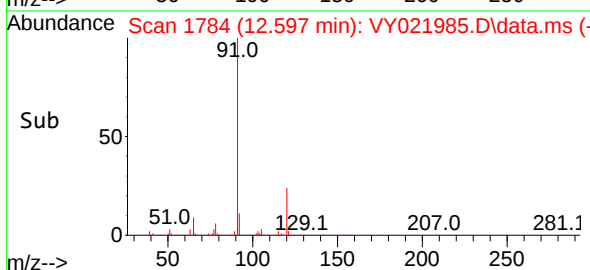
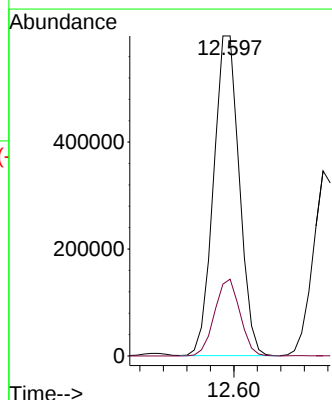
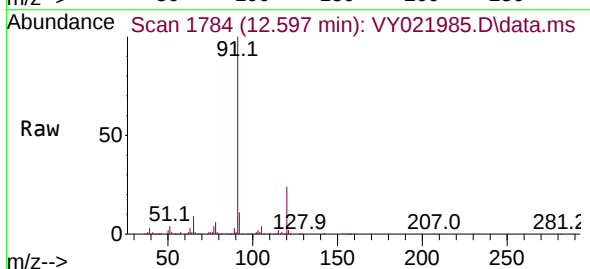
Acq: 23 Apr 2025 20:31

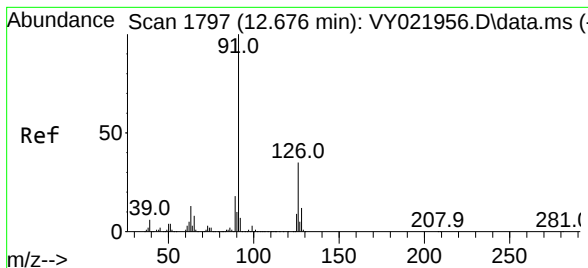
Tgt Ion: 91 Resp: 910236

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5

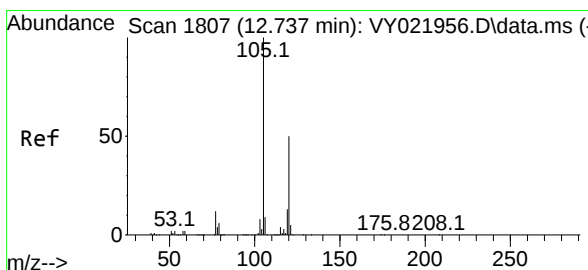
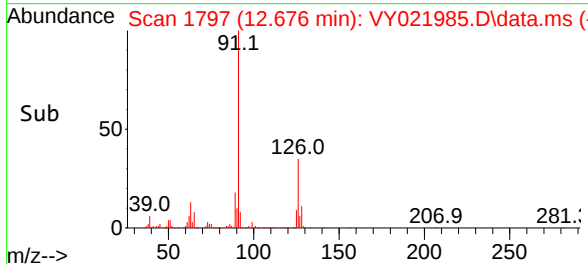
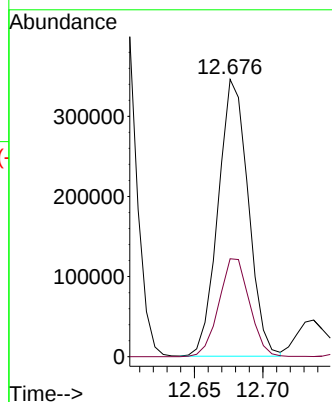
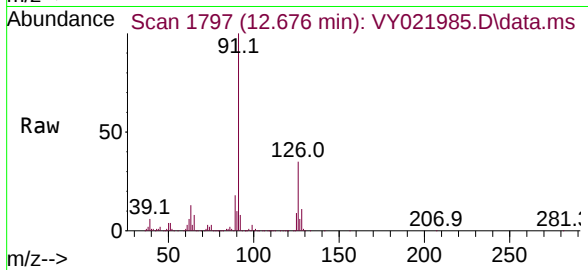




#79
2-Chlorotoluene
Concen: 49.937 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

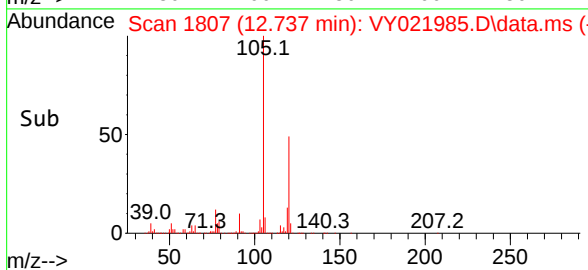
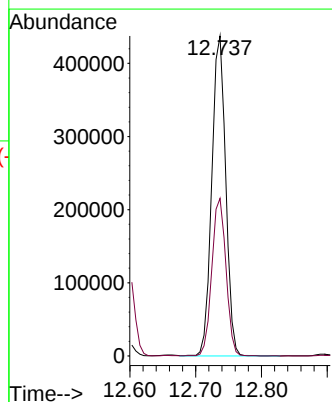
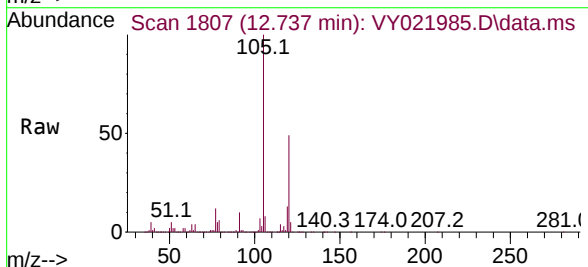
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

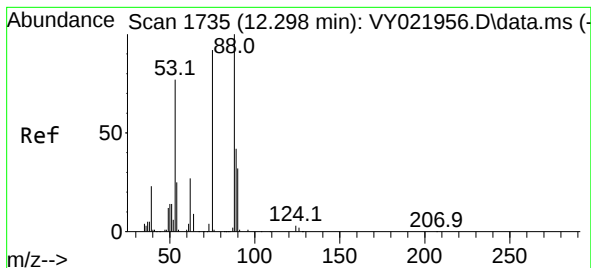
Tgt Ion: 91 Resp: 529539
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 51.084 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 105 Resp: 644448
Ion Ratio Lower Upper
105 100
120 50.1 25.0 75.0

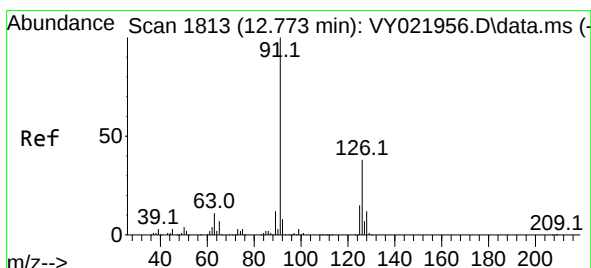
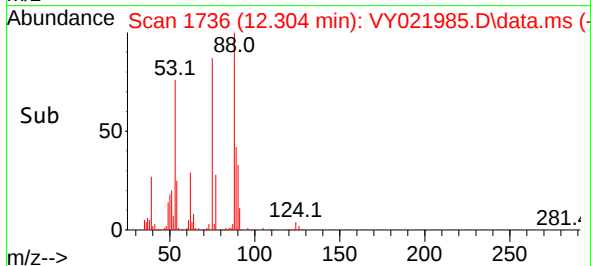
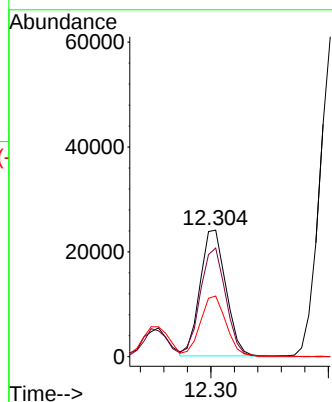
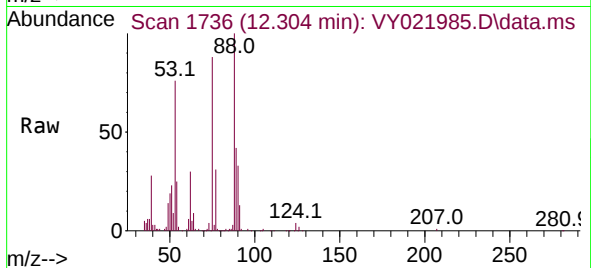




#81
trans-1,4-Dichloro-2-butene
Concen: 44.920 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

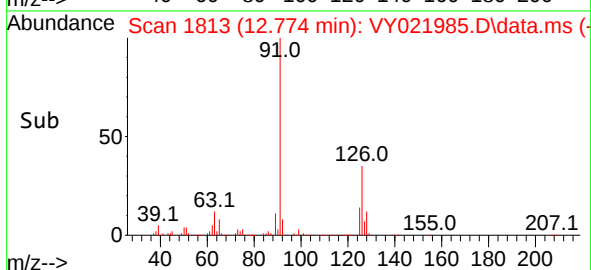
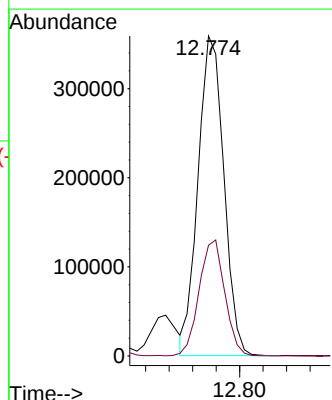
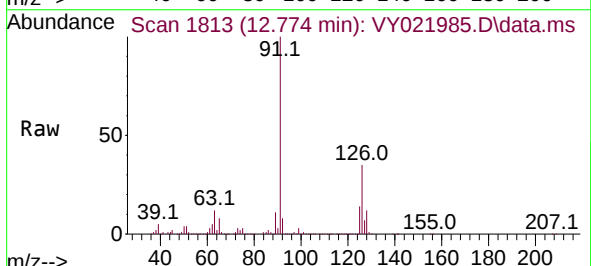
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

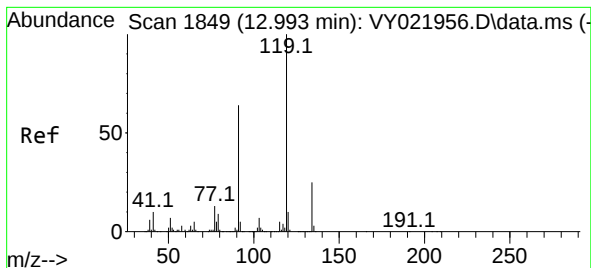
Tgt Ion: 75 Resp: 36616
Ion Ratio Lower Upper
75 100
53 85.0 66.0 99.0
89 48.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.644 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY021985.D
Acq: 23 Apr 2025 20:31

Tgt Ion: 91 Resp: 547240
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8





#83

tert-Butylbenzene

Concen: 51.406 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

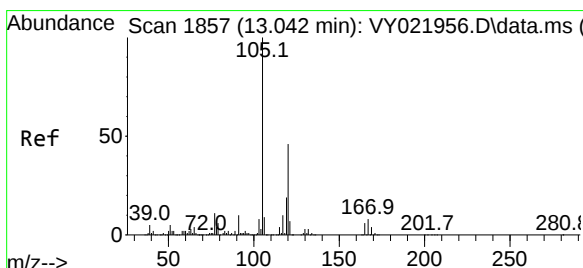
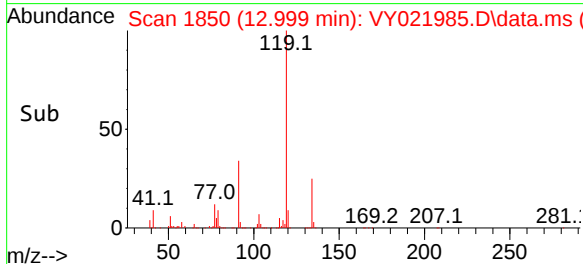
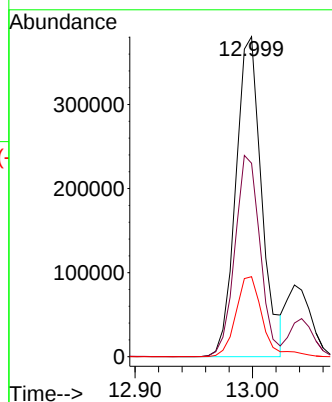
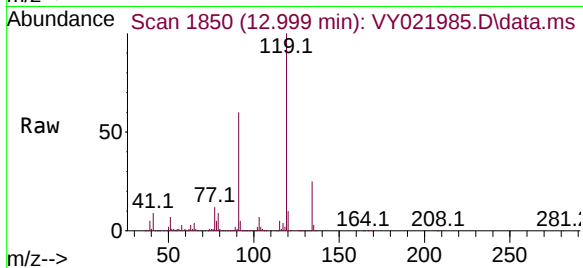
Tgt Ion:119 Resp: 581616

Ion Ratio Lower Upper

119 100

91 61.3 30.3 90.9

134 25.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 50.836 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021985.D

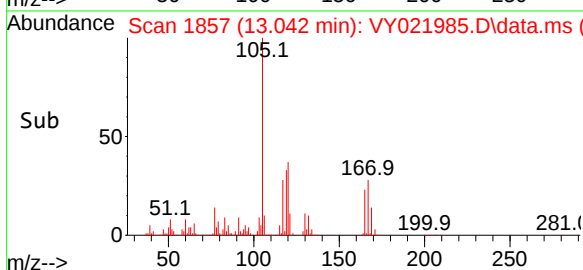
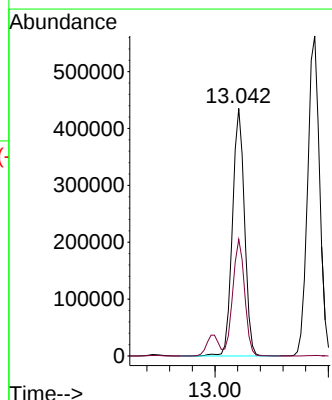
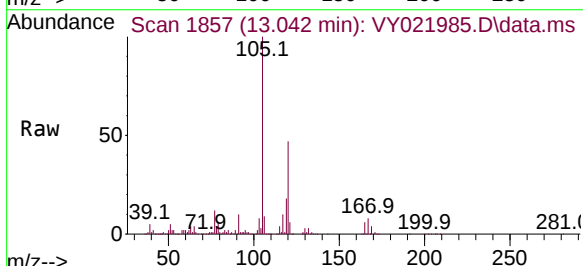
Acq: 23 Apr 2025 20:31

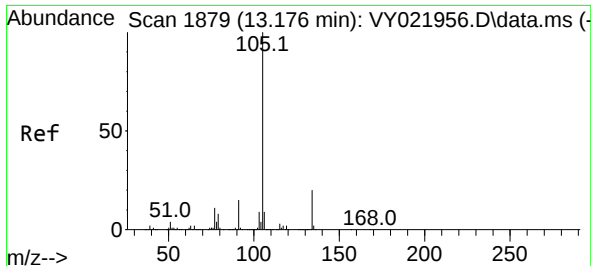
Tgt Ion:105 Resp: 641466

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0

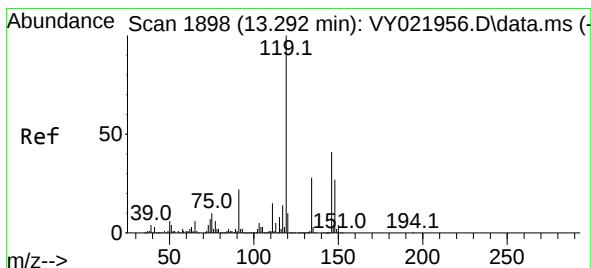
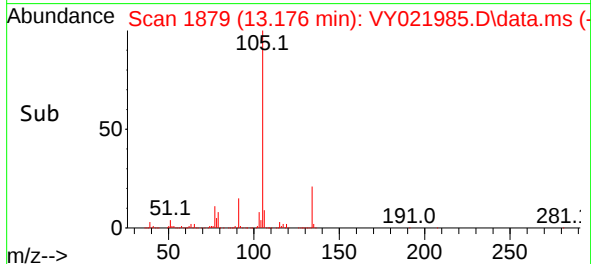
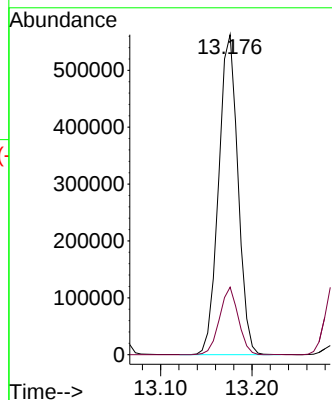
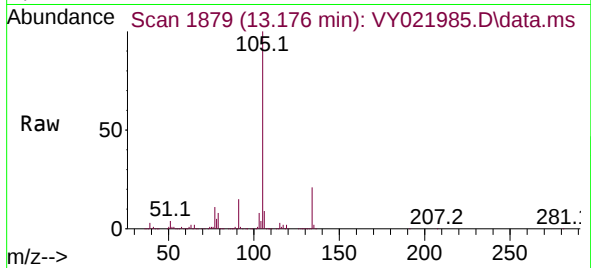




#85
 sec-Butylbenzene
 Concen: 49.918 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

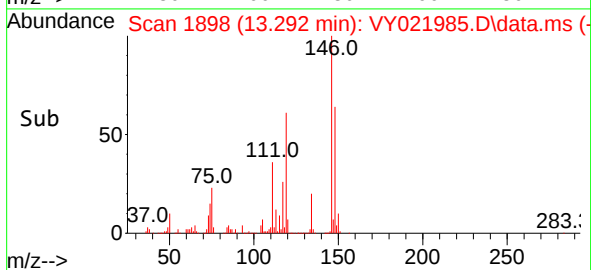
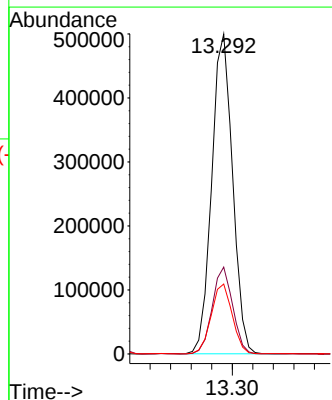
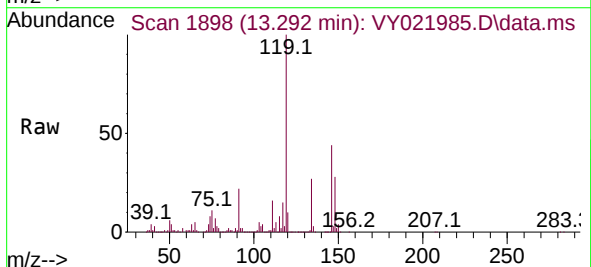
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

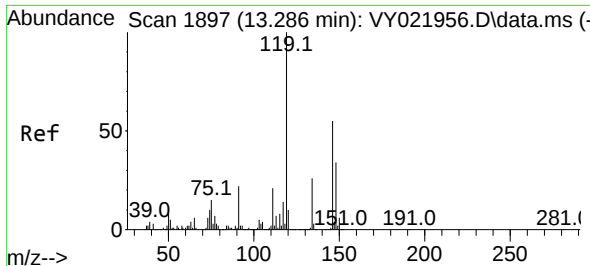
Tgt Ion:105 Resp: 826449
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 50.097 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

Tgt Ion:119 Resp: 704298
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 22.0 11.0 33.0

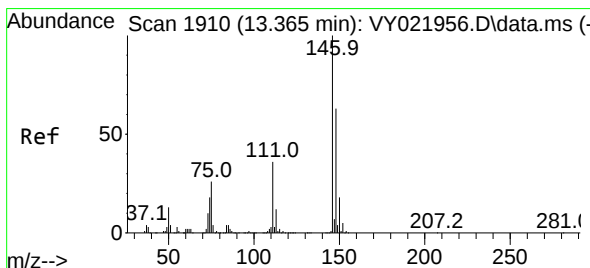
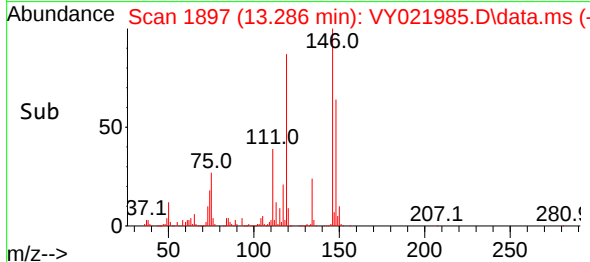
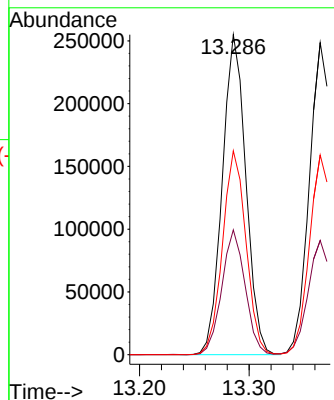
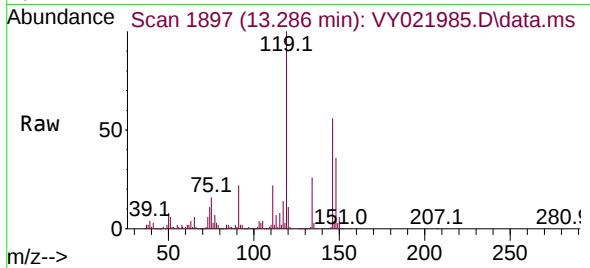




#87
 1,3-Dichlorobenzene
 Concen: 48.508 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

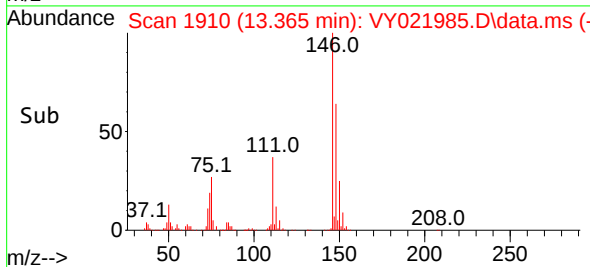
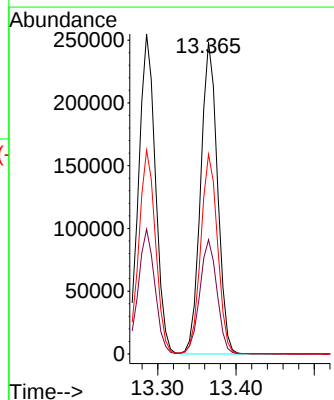
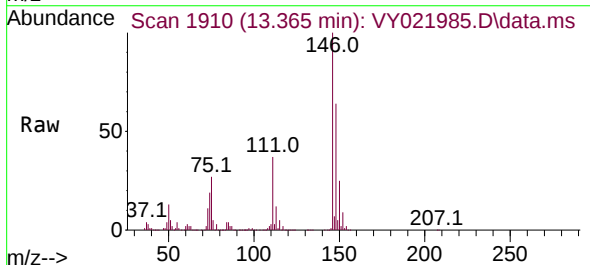
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

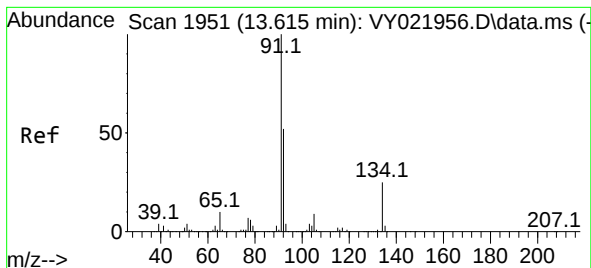
Tgt Ion:146 Resp: 381166
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.5
 148 63.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.659 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

Tgt Ion:146 Resp: 370902
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.2 57.6
 148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 48.022 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

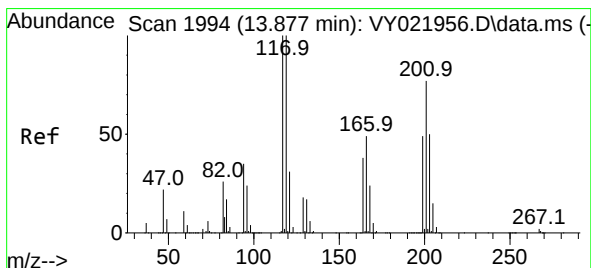
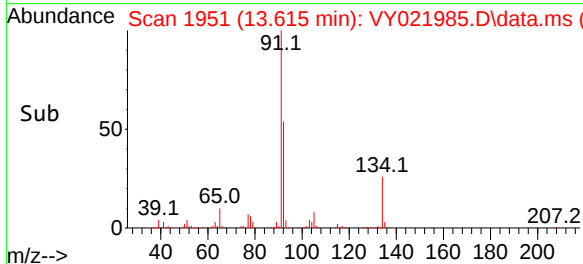
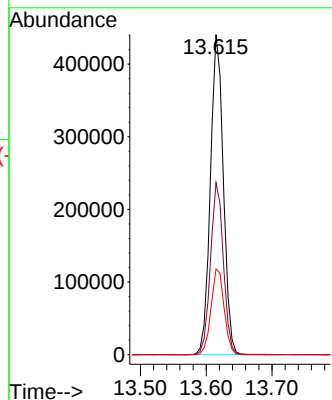
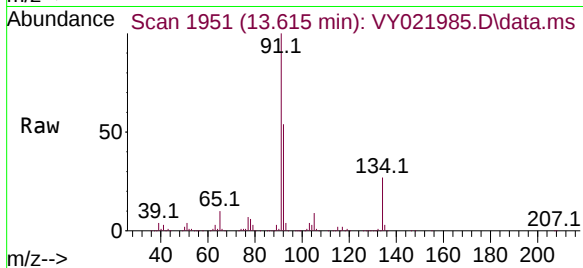
Tgt Ion: 91 Resp: 603452

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.5

134 27.1 13.4 40.1



#90

Hexachloroethane

Concen: 48.414 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021985.D

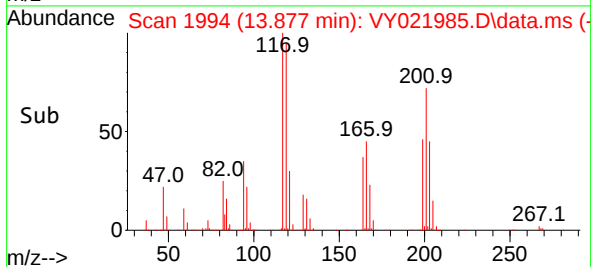
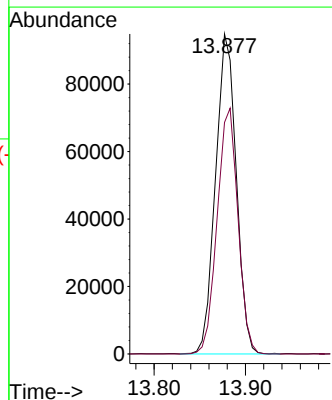
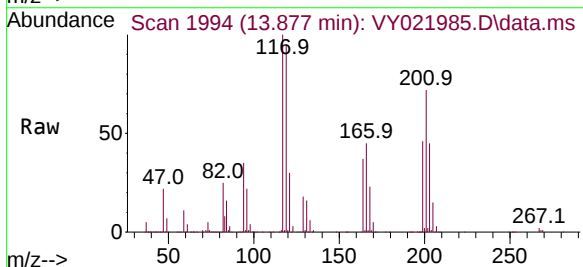
Acq: 23 Apr 2025 20:31

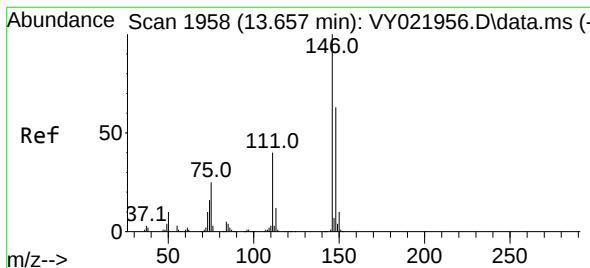
Tgt Ion: 117 Resp: 149543

Ion Ratio Lower Upper

117 100

201 77.2 38.7 116.1

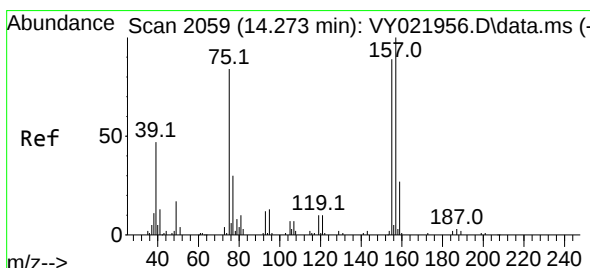
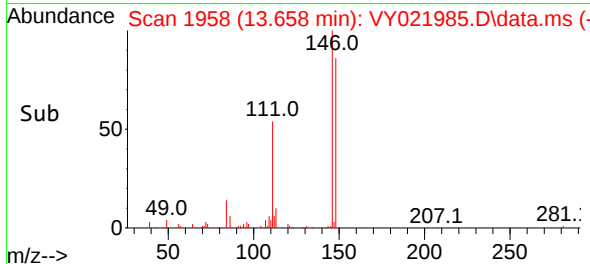
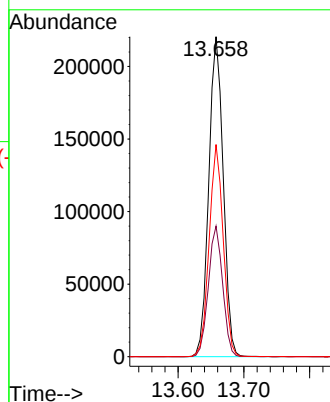
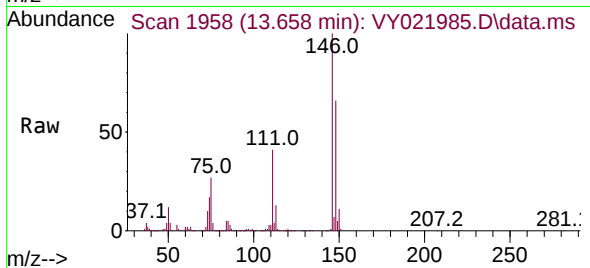




#91
 1,2-Dichlorobenzene
 Concen: 49.214 ug/l
 RT: 13.658 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

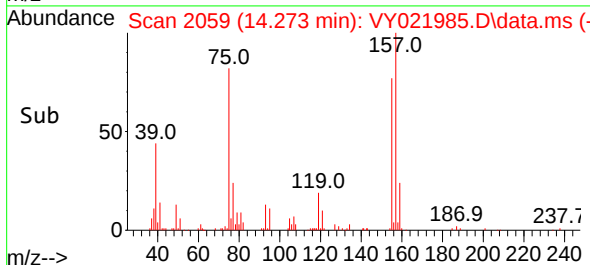
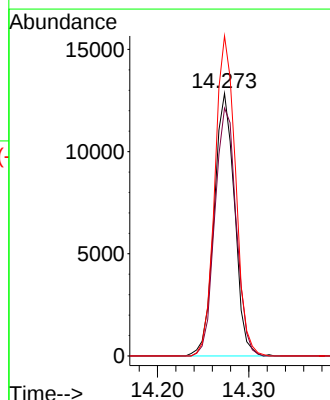
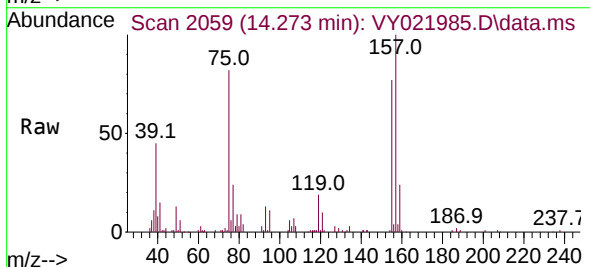
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 337294
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.7 59.1
 148 64.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.442 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021985.D
 Acq: 23 Apr 2025 20:31

Tgt Ion: 75 Resp: 19895
 Ion Ratio Lower Upper
 75 100
 155 98.5 50.7 152.3
 157 122.9 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 46.881 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

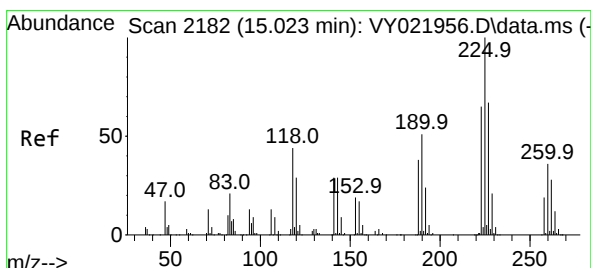
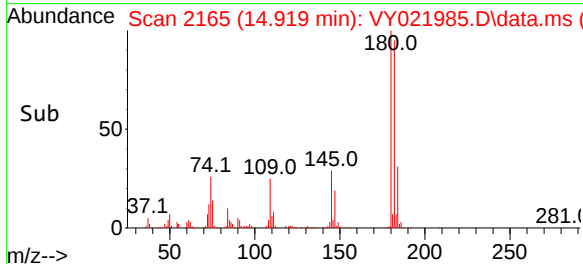
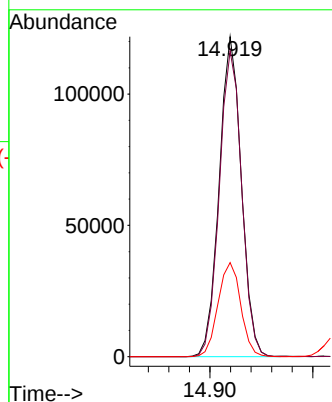
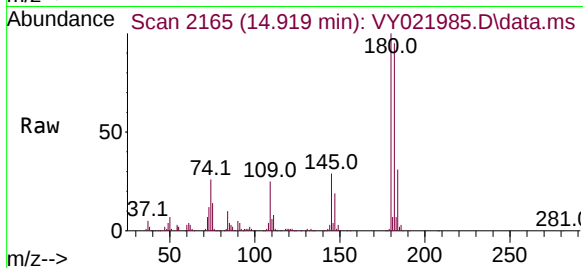
Tgt Ion:180 Resp: 182074

Ion Ratio Lower Upper

180 100

182 96.4 47.1 141.4

145 30.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 45.289 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

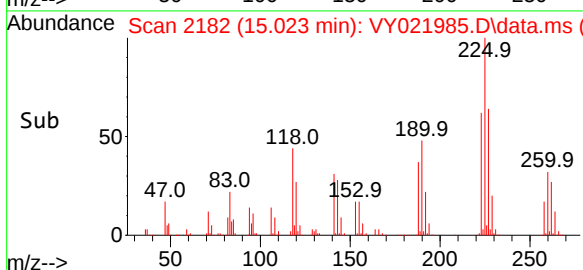
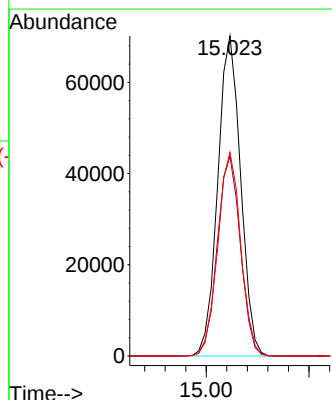
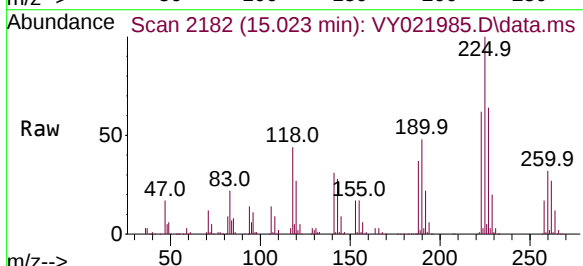
Tgt Ion:225 Resp: 108219

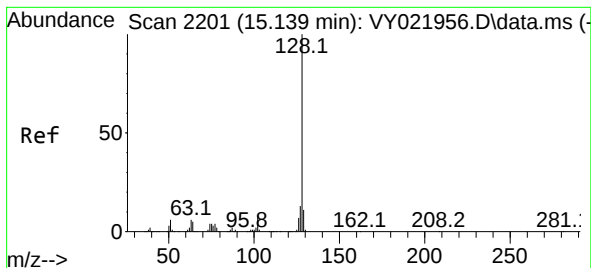
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.5

227 63.8 32.3 96.9





#95

Naphthalene

Concen: 54.762 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

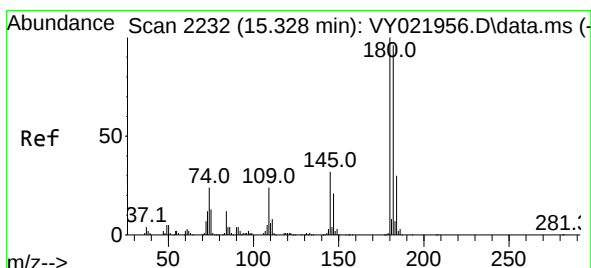
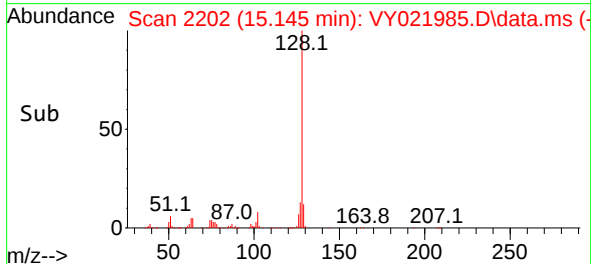
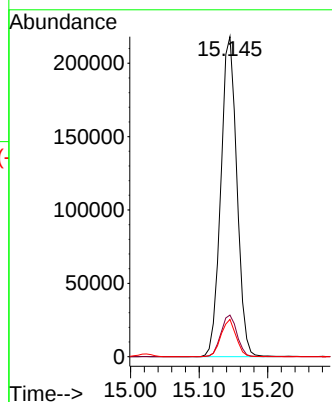
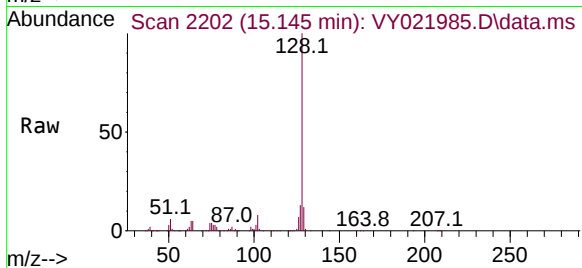
Tgt Ion:128 Resp: 353298

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 48.643 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021985.D

Acq: 23 Apr 2025 20:31

Tgt Ion:180 Resp: 163074

Ion Ratio Lower Upper

180 100

182 95.4 48.1 144.4

145 31.9 16.0 48.0

