

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022093.D
 Acq On : 30 Apr 2025 19:25
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 01 01:41:26 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	279787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	434114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	413341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	226802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	131210	50.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.540%	
35) Dibromofluoromethane	7.634	113	144859	50.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.020%	
50) Toluene-d8	10.103	98	561844	51.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	12.401	95	191468	52.603	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	105549	44.273	ug/l	96
3) Chloromethane	2.062	50	166711	49.110	ug/l	97
4) Vinyl Chloride	2.196	62	207563	49.757	ug/l	100
5) Bromomethane	2.592	94	159852	44.478	ug/l	100
6) Chloroethane	2.726	64	137426	48.372	ug/l	99
7) Trichlorofluoromethane	3.049	101	267089	48.555	ug/l	96
8) Diethyl Ether	3.452	74	71740	50.107	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	138291	46.344	ug/l	98
10) Methyl Iodide	4.000	142	184517	53.408	ug/l	99
11) Tert butyl alcohol	4.866	59	35756	252.019	ug/l #	85
12) 1,1-Dichloroethene	3.781	96	135740	48.803	ug/l	98
13) Acrolein	3.647	56	48349	189.869	ug/l	98
14) Allyl chloride	4.378	41	159760	49.330	ug/l	98
15) Acrylonitrile	5.055	53	136635	260.682	ug/l	99
16) Acetone	3.872	43	91946	273.850	ug/l	99
17) Carbon Disulfide	4.098	76	421617	47.541	ug/l	99
18) Methyl Acetate	4.378	43	90898	75.296	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	324886	52.188	ug/l	99
20) Methylene Chloride	4.610	84	155271	47.515	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	160468	51.515	ug/l	99
22) Diisopropyl ether	6.018	45	376056	52.178	ug/l	98
23) Vinyl Acetate	5.957	43	938715	241.676	ug/l	99
24) 1,1-Dichloroethane	5.909	63	251268	50.297	ug/l	99
25) 2-Butanone	6.890	43	151151	256.584	ug/l	98
26) 2,2-Dichloropropane	6.884	77	187753	42.880	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	181768	52.187	ug/l	97
28) Bromochloromethane	7.238	49	93915	48.399	ug/l	95
29) Tetrahydrofuran	7.262	42	102334	267.468	ug/l	97
30) Chloroform	7.420	83	286876	51.770	ug/l	99
31) Cyclohexane	7.701	56	197506	46.232	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	250695	50.005	ug/l	99
36) 1,1-Dichloropropene	7.829	75	191957	49.827	ug/l	99
37) Ethyl Acetate	6.988	43	67968	49.123	ug/l	97
38) Carbon Tetrachloride	7.817	117	230120	49.989	ug/l	98
39) Methylcyclohexane	9.103	83	234423	48.353	ug/l	95
40) Benzene	8.079	78	624003	51.816	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	38382	50.746	ug/l #	89
42) 1,2-Dichloroethane	8.152	62	152663	51.202	ug/l	100
43) Isopropyl Acetate	8.195	43	137038	51.574	ug/l	99
44) Trichloroethene	8.865	130	172407	51.686	ug/l	98
45) 1,2-Dichloropropane	9.140	63	137332	51.567	ug/l	99
46) Dibromomethane	9.231	93	88131	52.864	ug/l	99
47) Bromodichloromethane	9.420	83	221221	53.118	ug/l	99
48) Methyl methacrylate	9.219	41	65076	52.979	ug/l	95
49) 1,4-Dioxane	9.231	88	19258	1083.807	ug/l	92
51) 4-Methyl-2-Pentanone	9.993	43	386602	277.552	ug/l	100
52) Toluene	10.170	92	413973	53.105	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	181922	50.926	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	215998	50.866	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	120188	53.971	ug/l	99
56) Ethyl methacrylate	10.438	69	137995	54.188	ug/l	99
57) 1,3-Dichloropropane	10.713	76	191602	53.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	346335	278.156	ug/l	99
59) 2-Hexanone	10.755	43	256011	278.656	ug/l	99
60) Dibromochloromethane	10.908	129	167319	54.270	ug/l	99
61) 1,2-Dibromoethane	11.011	107	113497	53.986	ug/l	98
64) Tetrachloroethene	10.646	164	200262	51.358	ug/l	99
65) Chlorobenzene	11.438	112	463472	50.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	167141	51.362	ug/l	99
67) Ethyl Benzene	11.517	91	781741	51.700	ug/l	99
68) m/p-Xylenes	11.627	106	622156	103.402	ug/l	100
69) o-Xylene	11.950	106	291176	52.505	ug/l	100
70) Styrene	11.968	104	500569	53.759	ug/l	100
71) Bromoform	12.127	173	101109	53.441	ug/l #	98
73) Isopropylbenzene	12.255	105	752047	49.631	ug/l	100
74) N-amyl acetate	12.066	43	120555	46.307	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	124934	48.903	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	160005	82.363	ug/l #	100
77) Bromobenzene	12.529	156	190775	49.825	ug/l	98
78) n-propylbenzene	12.590	91	883060	48.936	ug/l	100
79) 2-Chlorotoluene	12.676	91	513695	48.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.730	105	624160	49.993	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	35247	43.692	ug/l	98
82) 4-Chlorotoluene	12.773	91	531810	48.749	ug/l	98
83) tert-Butylbenzene	12.993	119	562168	50.206	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	626953	50.205	ug/l	100
85) sec-Butylbenzene	13.176	105	804127	49.077	ug/l	100
86) p-Isopropyltoluene	13.291	119	682689	49.067	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	379414	48.789	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	372692	48.390	ug/l	99
89) n-Butylbenzene	13.614	91	589280	47.384	ug/l	100
90) Hexachloroethane	13.877	117	145885	47.724	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	336060	49.546	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19056	46.884	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	185351	48.224	ug/l	100
94) Hexachlorobutadiene	15.023	225	109687	46.383	ug/l	99
95) Naphthalene	15.145	128	325878	51.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	162616	49.013	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

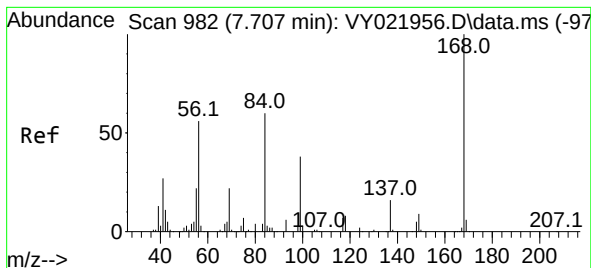
Quant Time: May 01 01:41:26 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

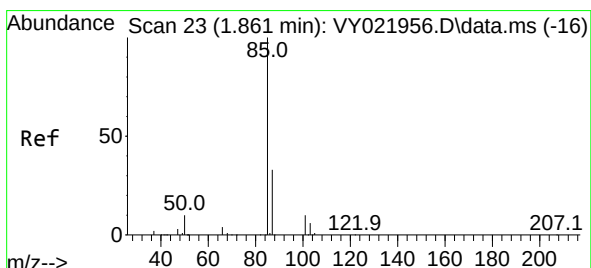
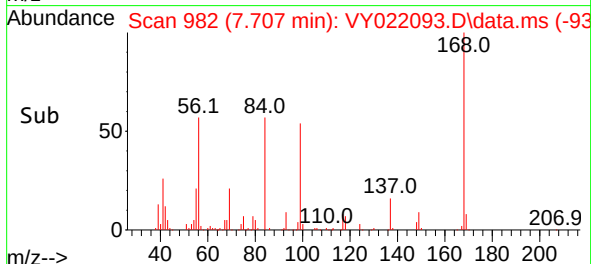
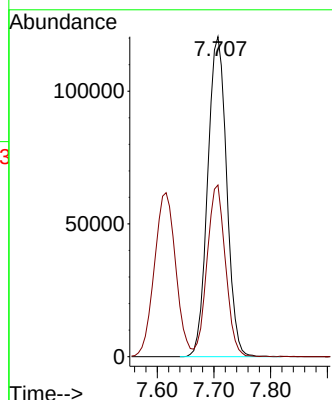
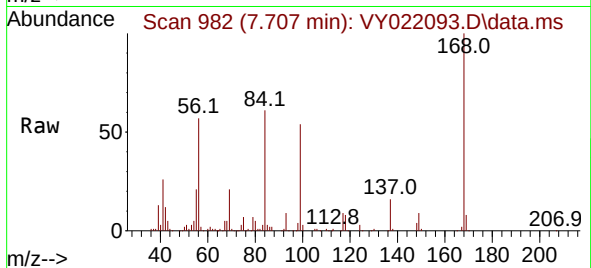
VSTDCCC050EC

Tgt Ion:168 Resp: 279787

Ion Ratio Lower Upper

168 100

99 53.5 43.1 64.7



#2

Dichlorodifluoromethane

Concen: 44.273 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.000 min

Lab File: VY022093.D

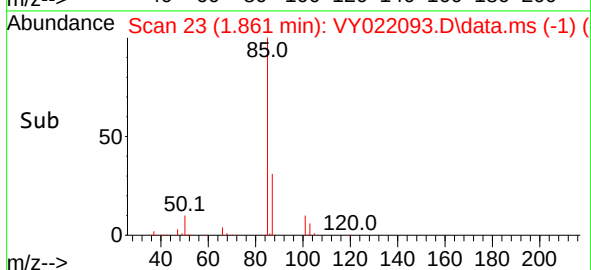
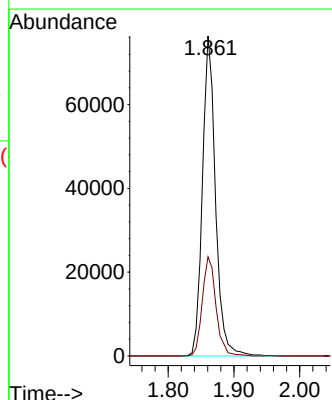
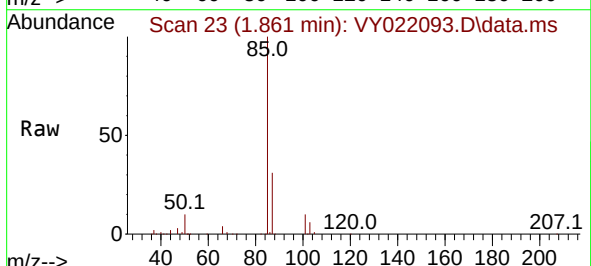
Acq: 30 Apr 2025 19:25

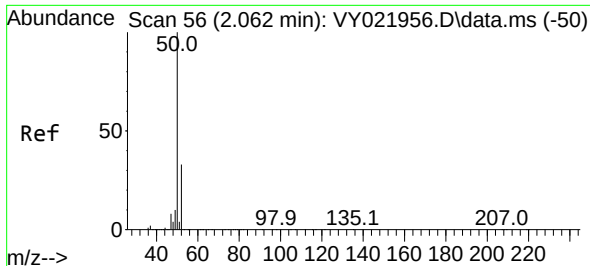
Tgt Ion: 85 Resp: 105549

Ion Ratio Lower Upper

85 100

87 31.0 16.6 49.7

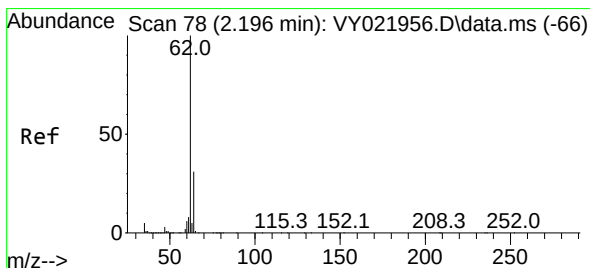
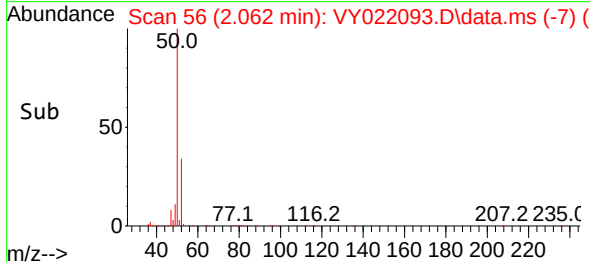
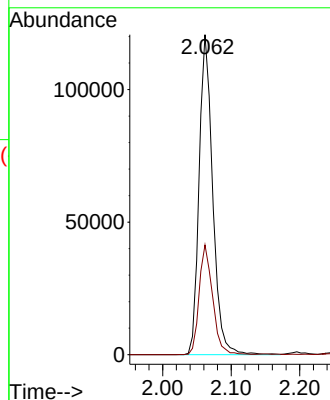
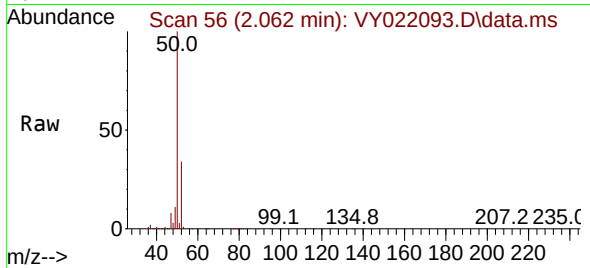




#3
Chloromethane
Concen: 49.110 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

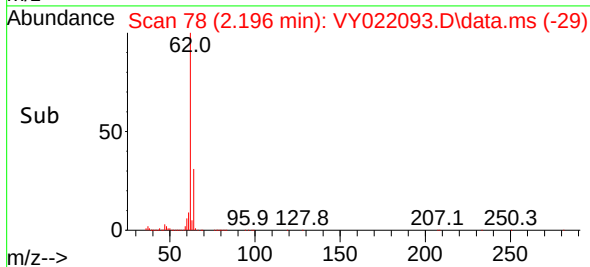
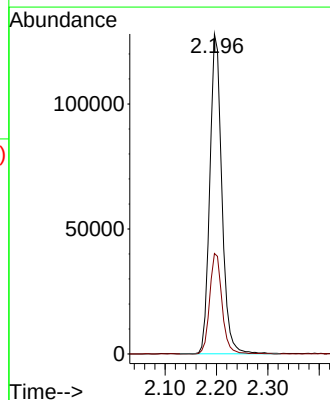
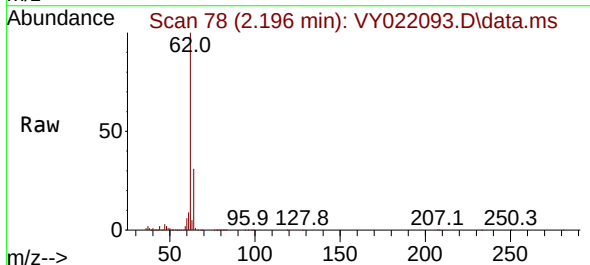
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

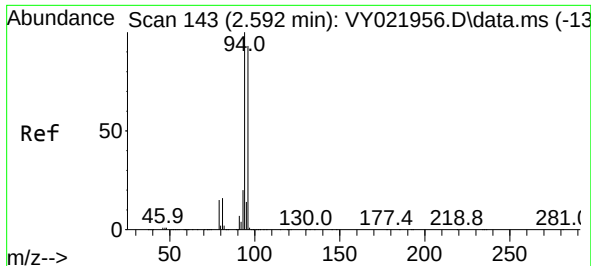
Tgt Ion: 50 Resp: 166711
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1



#4
Vinyl Chloride
Concen: 49.757 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 62 Resp: 207563
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

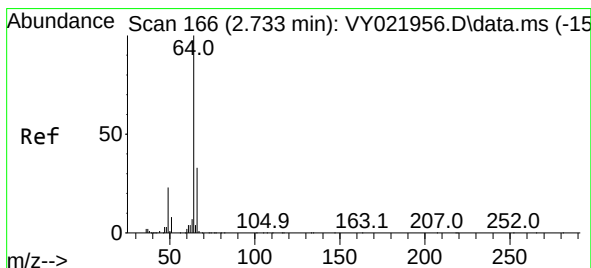
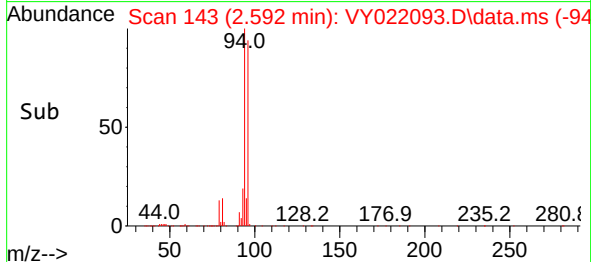
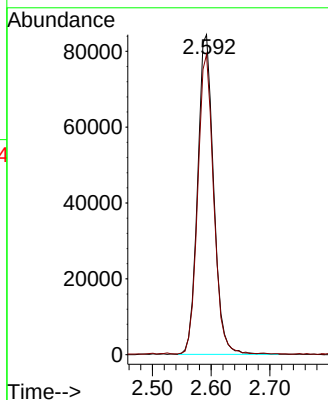
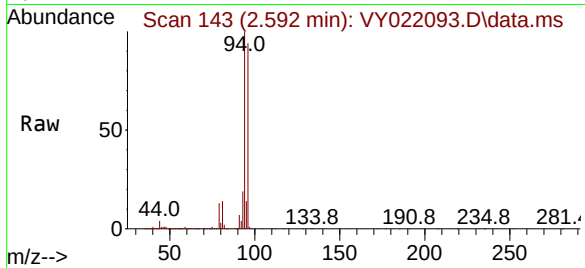




#5
Bromomethane
Concen: 44.478 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

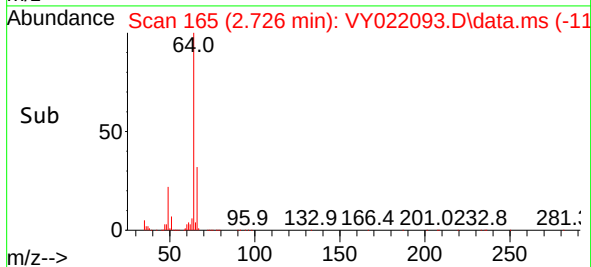
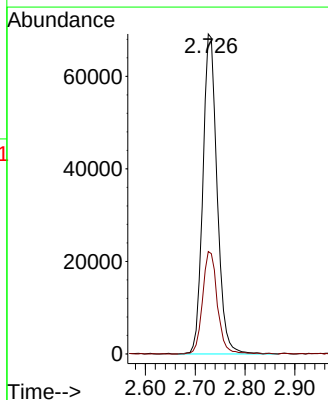
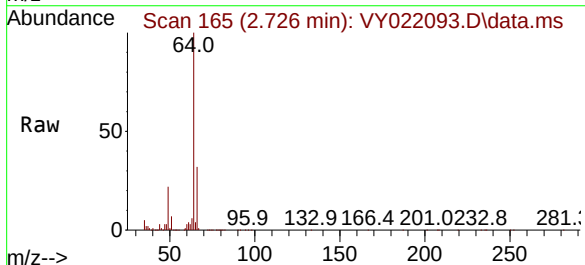
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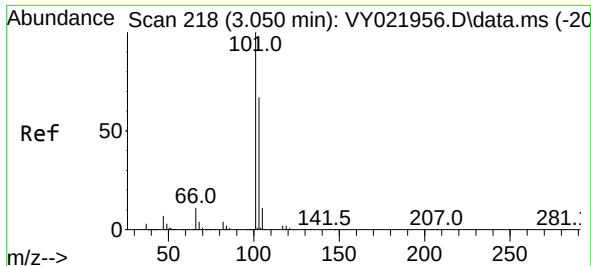
Tgt Ion: 94 Resp: 159852
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8



#6
Chloroethane
Concen: 48.372 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 64 Resp: 137426
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

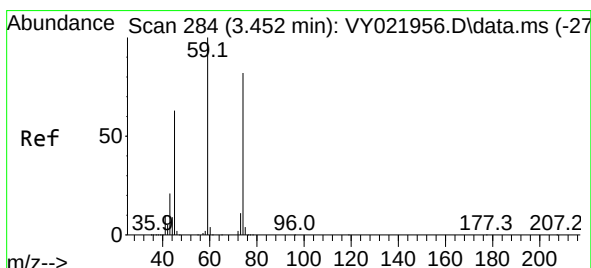
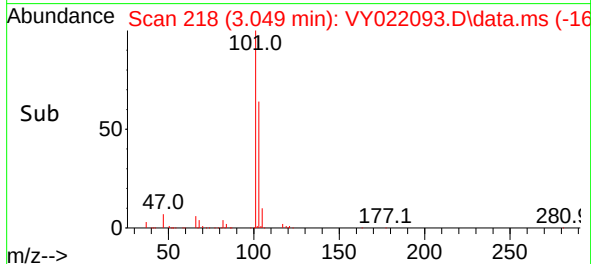
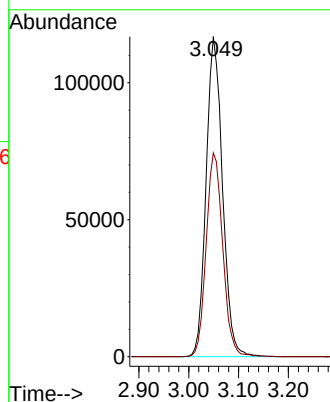
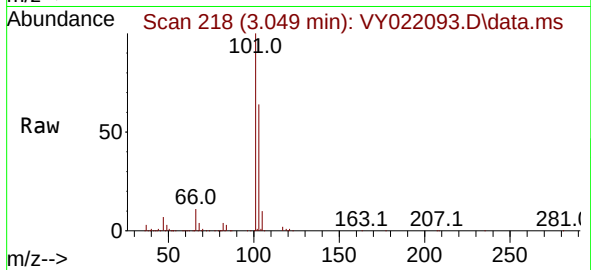




#7
Trichlorofluoromethane
Concen: 48.555 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

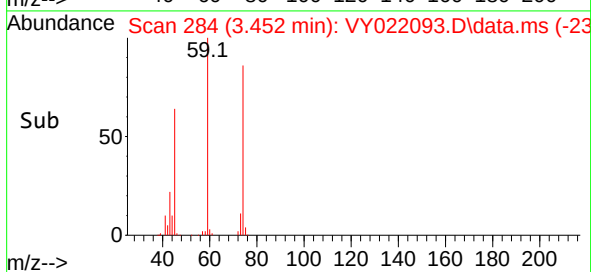
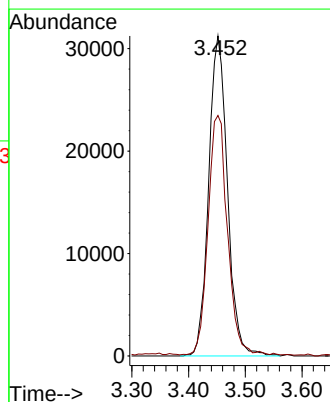
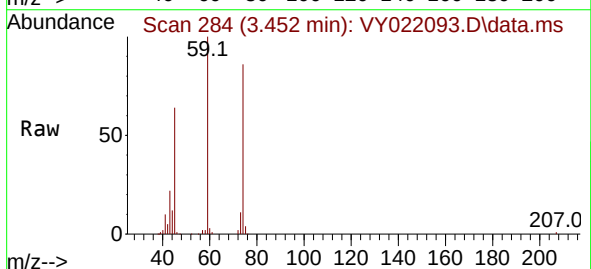
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

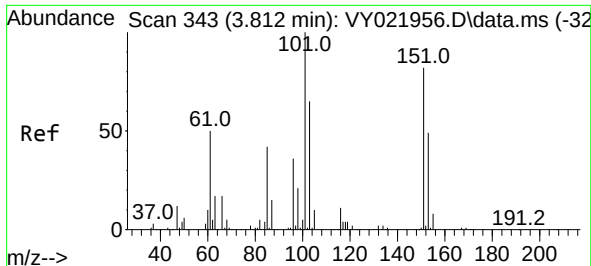
Tgt Ion:101 Resp: 267089
Ion Ratio Lower Upper
101 100
103 63.7 53.6 80.4



#8
Diethyl Ether
Concen: 50.107 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 74 Resp: 71740
Ion Ratio Lower Upper
74 100
45 77.1 39.1 117.5

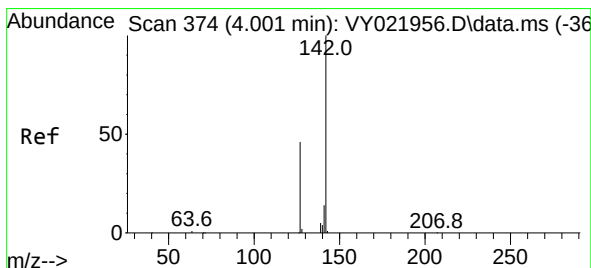
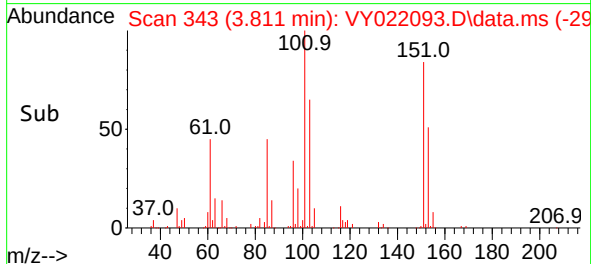
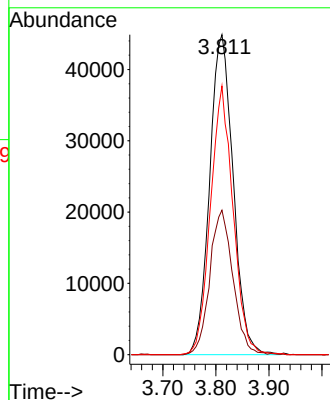
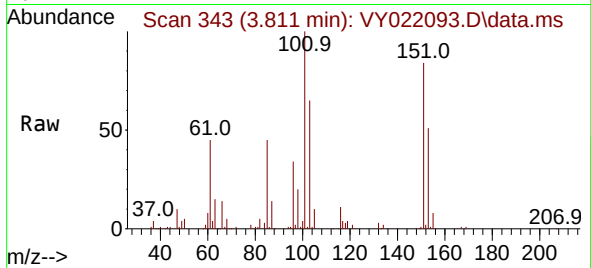




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.344 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022093.D
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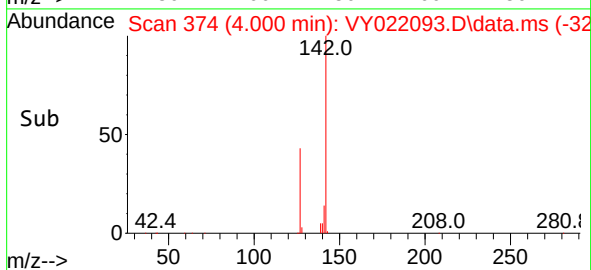
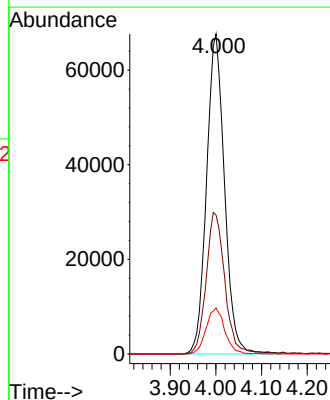
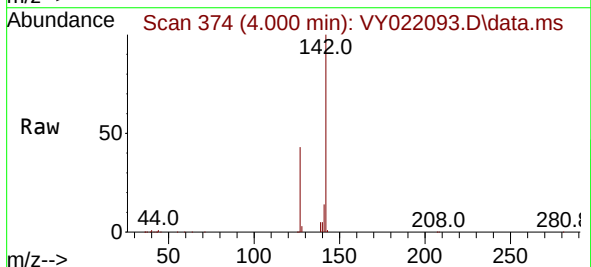
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

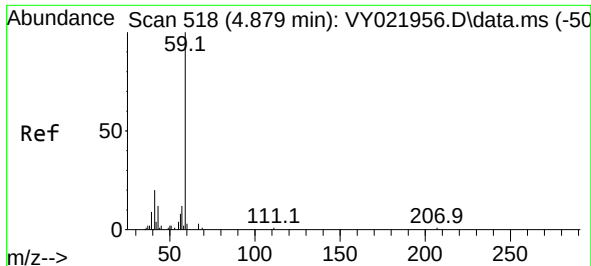
Tgt Ion:101 Resp: 138291
Ion Ratio Lower Upper
101 100
85 44.5 34.6 51.8
151 80.8 63.7 95.5



#10
Methyl Iodide
Concen: 53.408 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion:142 Resp: 184517
Ion Ratio Lower Upper
142 100
127 45.8 36.2 54.2
141 14.8 11.7 17.5

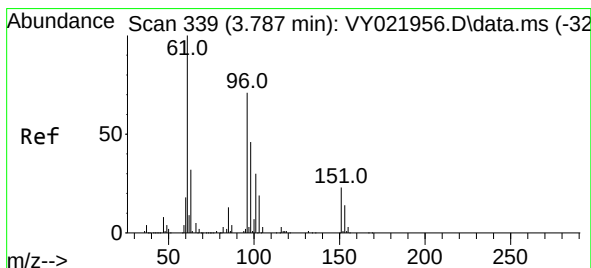
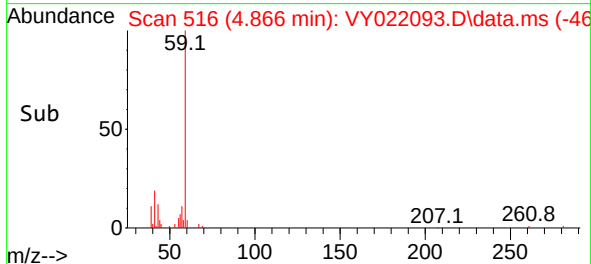
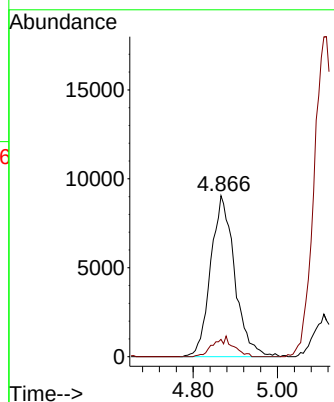
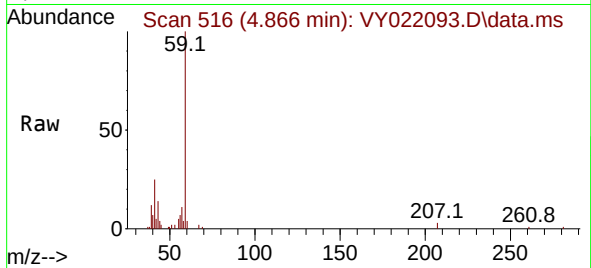




#11
Tert butyl alcohol
Concen: 252.019 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

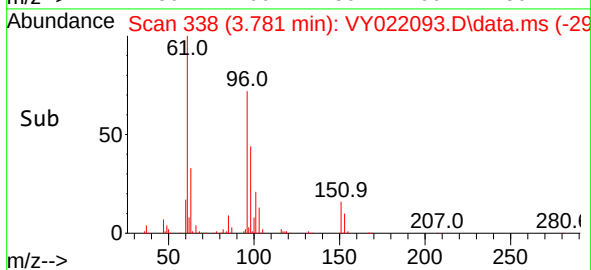
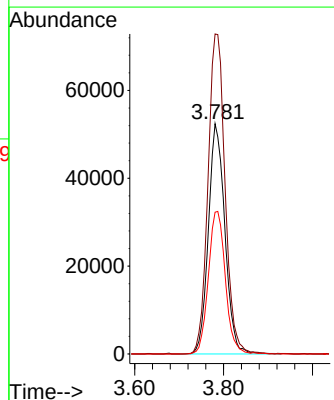
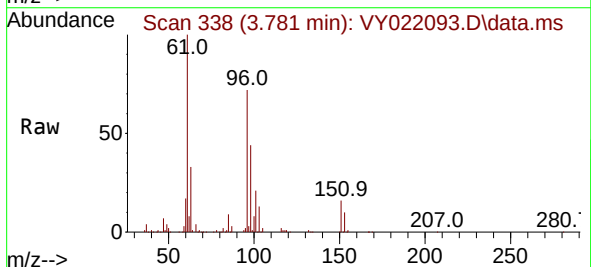
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

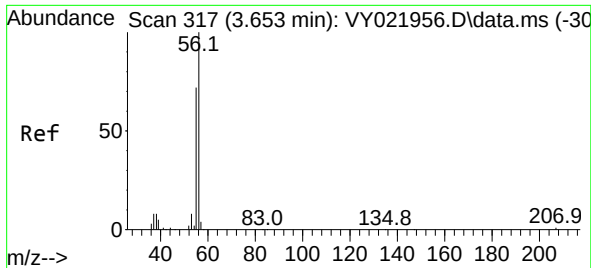
Tgt Ion: 59 Resp: 35756
Ion Ratio Lower Upper
59 100
57 5.8 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 48.803 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 96 Resp: 135740
Ion Ratio Lower Upper
96 100
61 139.0 113.0 169.4
98 61.6 51.4 77.2





#13

Acrolein

Concen: 189.869 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

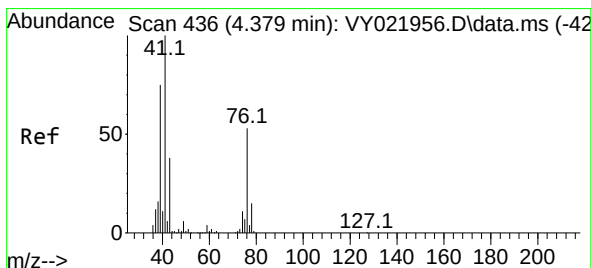
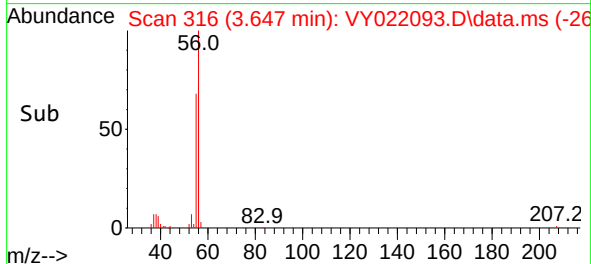
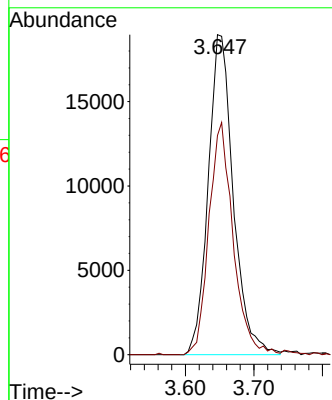
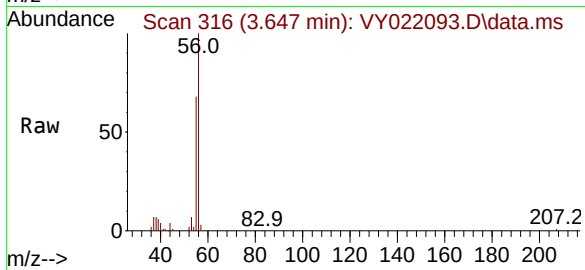
VSTDCCC050EC

Tgt Ion: 56 Resp: 48349

Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.0



#14

Allyl chloride

Concen: 49.330 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

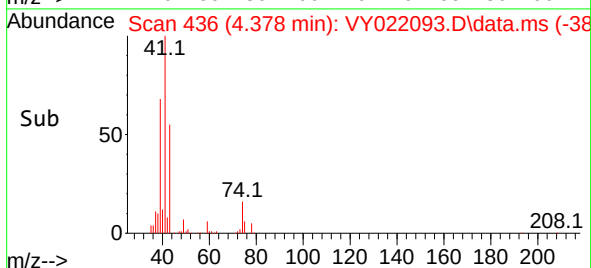
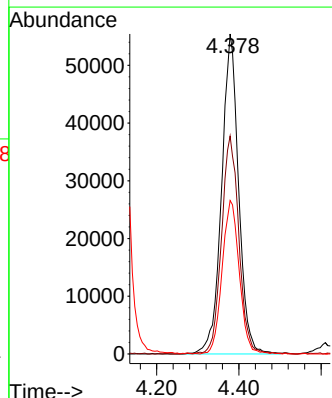
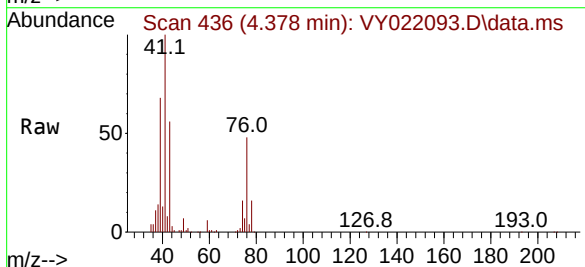
Tgt Ion: 41 Resp: 159760

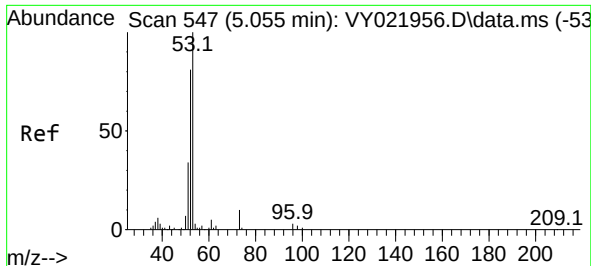
Ion Ratio Lower Upper

41 100

39 69.3 57.2 85.8

76 48.1 39.7 59.5

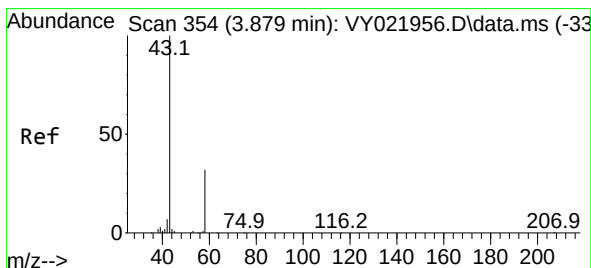
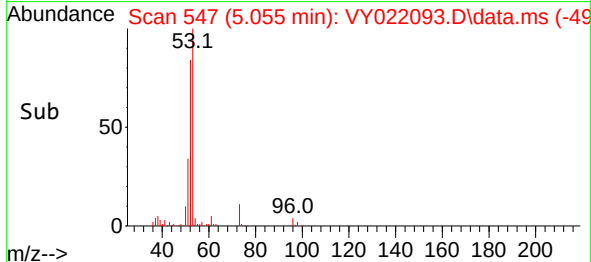
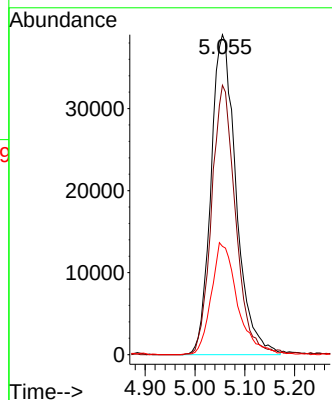
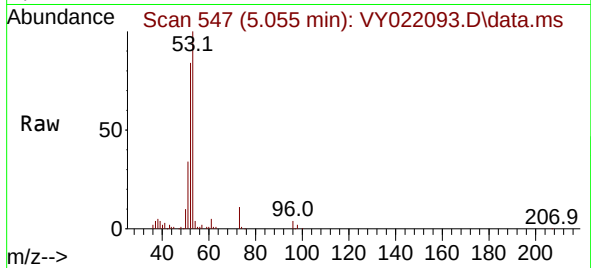




#15
Acrylonitrile
Concen: 260.682 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

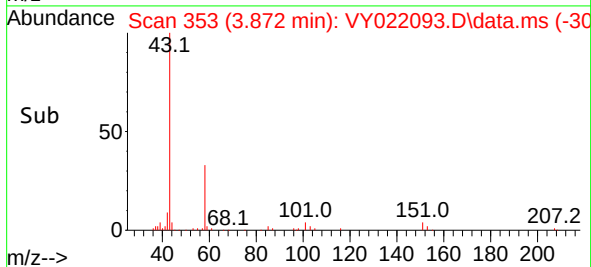
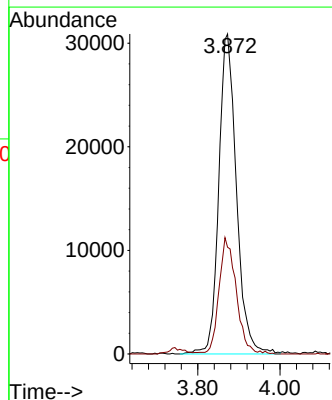
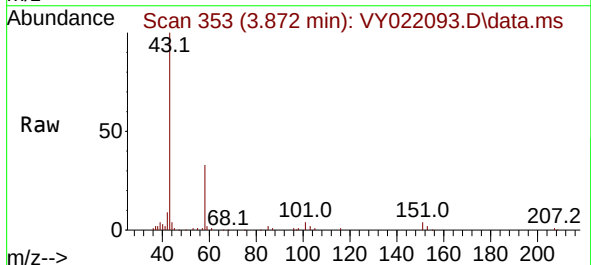
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

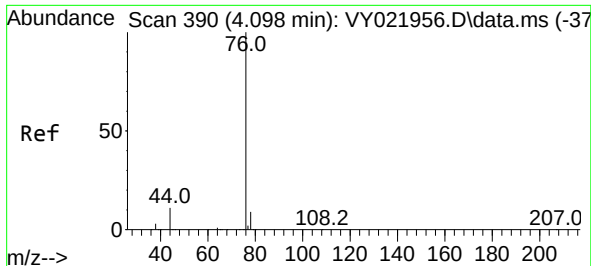
Tgt Ion: 53 Resp: 136635
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.6
51 36.5 28.9 43.3



#16
Acetone
Concen: 273.850 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 43 Resp: 91946
Ion Ratio Lower Upper
43 100
58 33.3 27.0 40.4

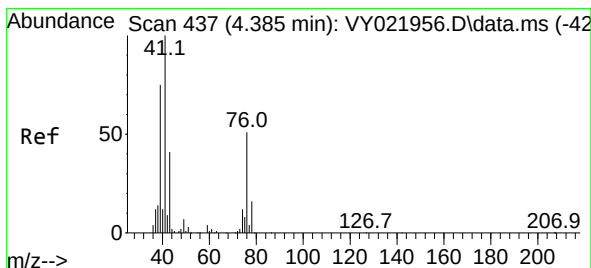
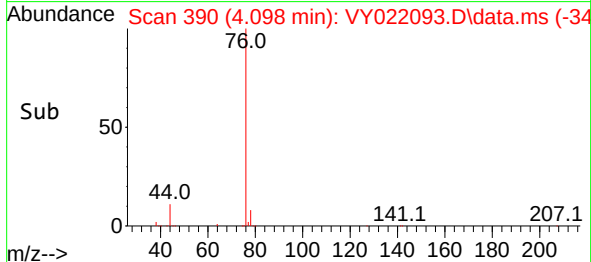
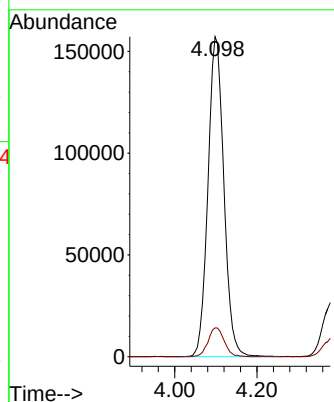
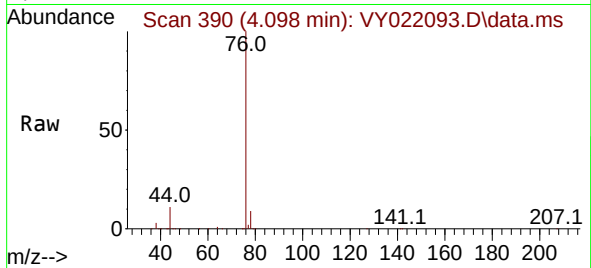




#17
Carbon Disulfide
Concen: 47.541 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

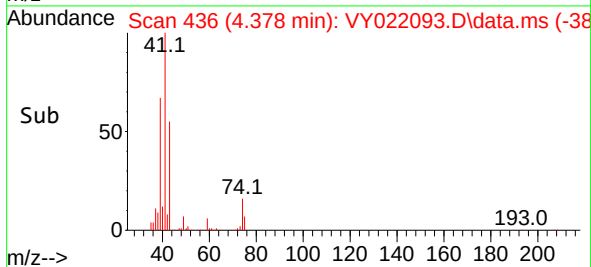
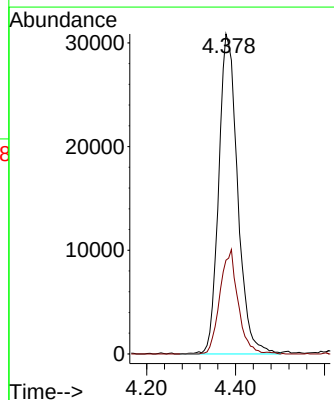
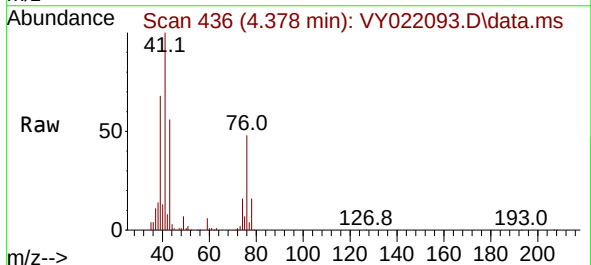
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

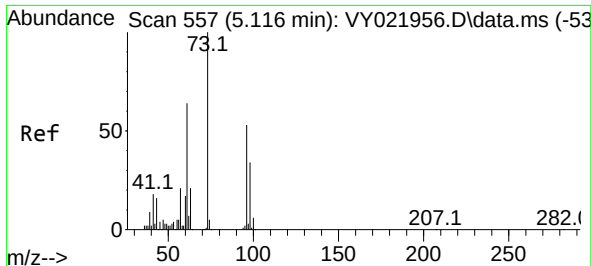
Tgt Ion: 76 Resp: 421617
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 75.296 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 43 Resp: 90898
Ion Ratio Lower Upper
43 100
74 31.1 24.2 36.4

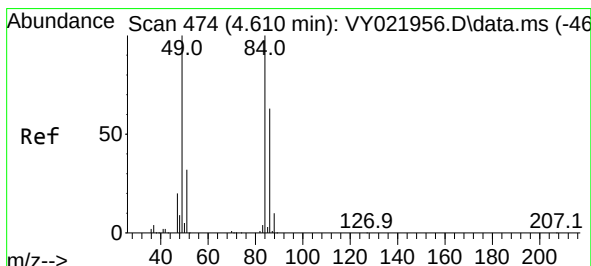
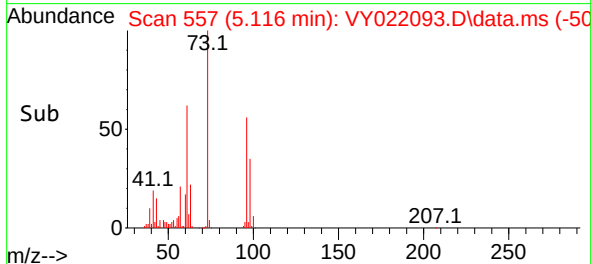
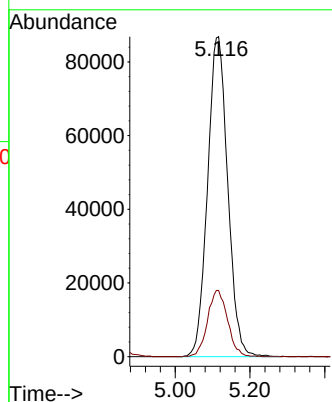
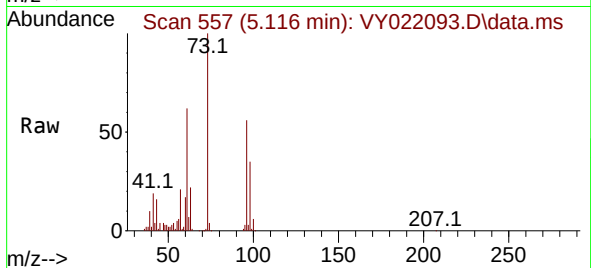




#19
Methyl tert-butyl Ether
Concen: 52.188 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

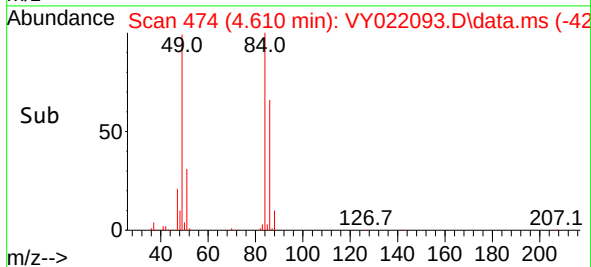
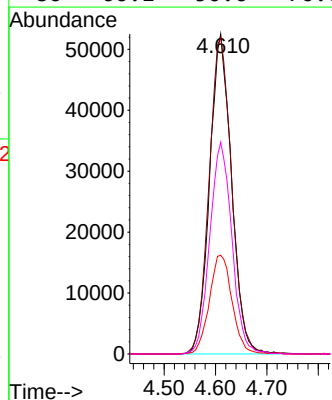
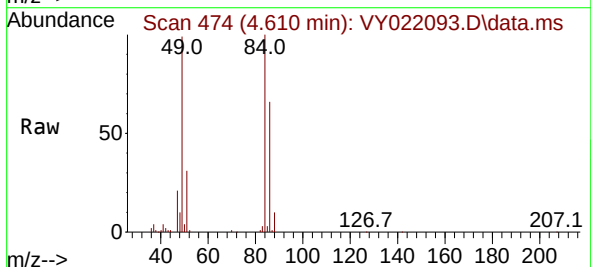
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

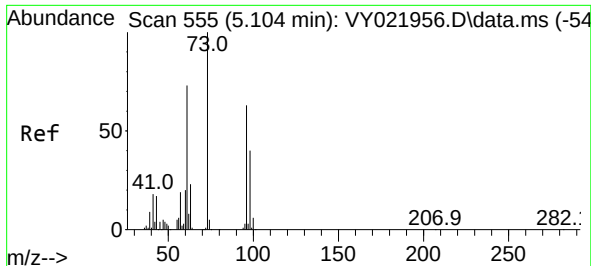
Tgt Ion: 73 Resp: 324886
Ion Ratio Lower Upper
73 100
57 20.7 16.9 25.3



#20
Methylene Chloride
Concen: 47.515 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 84 Resp: 155271
Ion Ratio Lower Upper
84 100
49 99.0 79.9 119.9
51 30.8 25.4 38.0
86 66.1 50.6 76.0

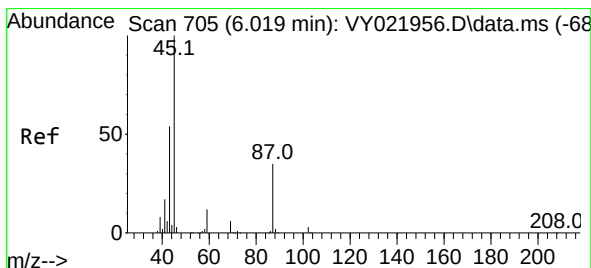
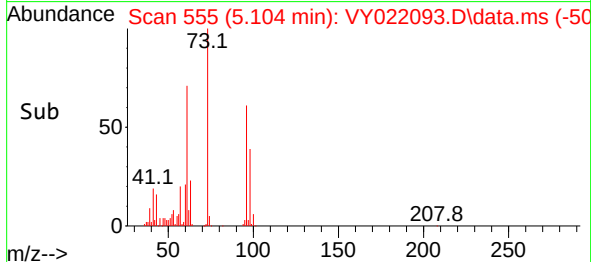
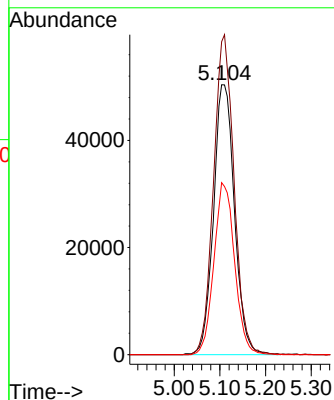
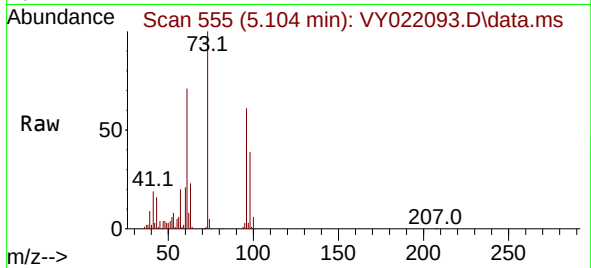




#21
trans-1,2-Dichloroethene
Concen: 51.515 ug/l
RT: 5.104 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

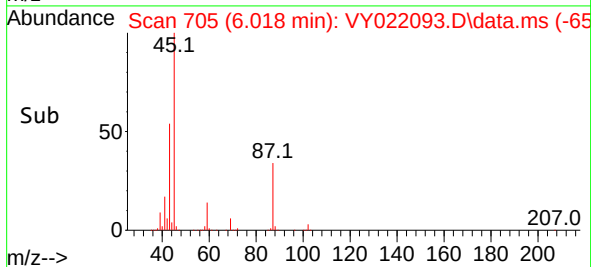
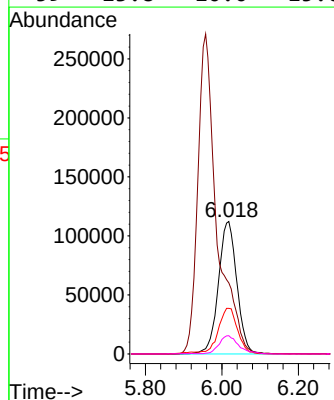
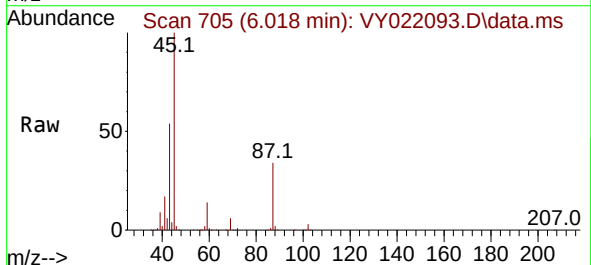
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

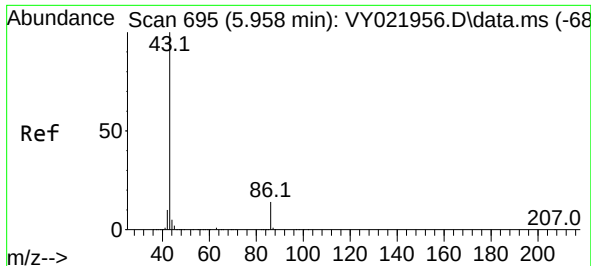
Tgt Ion: 96 Resp: 160468
Ion Ratio Lower Upper
96 100
61 115.9 92.6 138.8
98 63.7 50.2 75.4



#22
Diisopropyl ether
Concen: 52.178 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 45 Resp: 376056
Ion Ratio Lower Upper
45 100
43 53.4 43.6 65.4
87 34.4 28.2 42.4
59 13.8 10.0 15.0

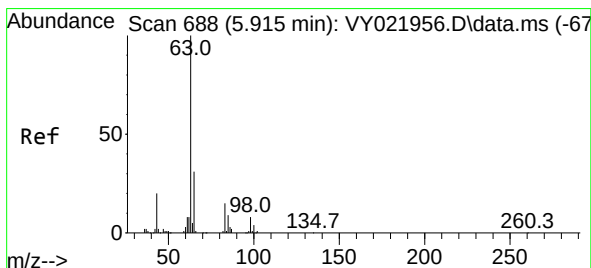
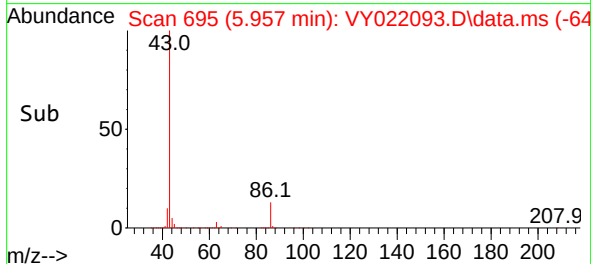
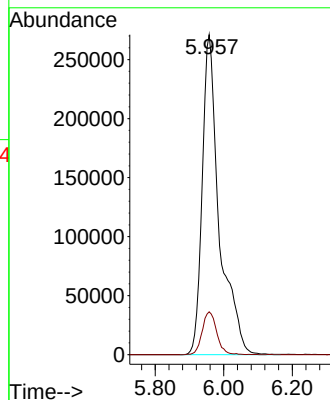
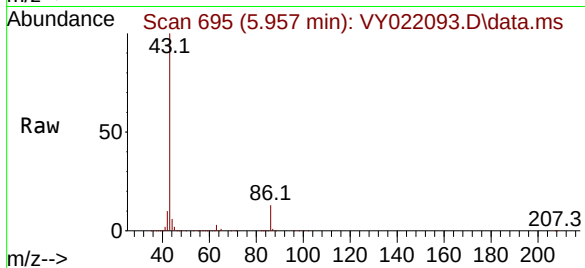




#23
 Vinyl Acetate
 Concen: 241.676 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022093.D
 Acq: 30 Apr 2025 19:25

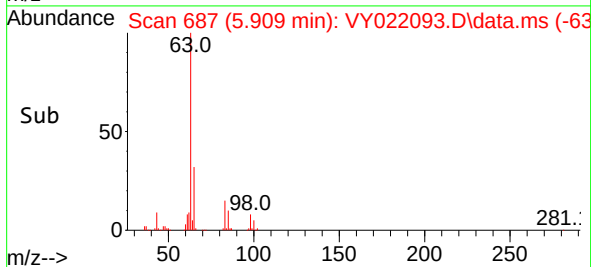
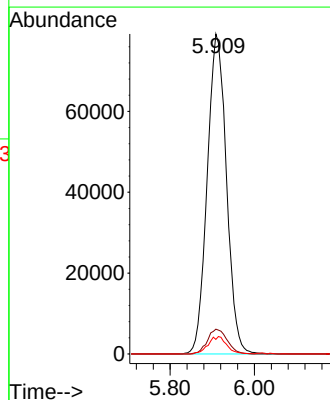
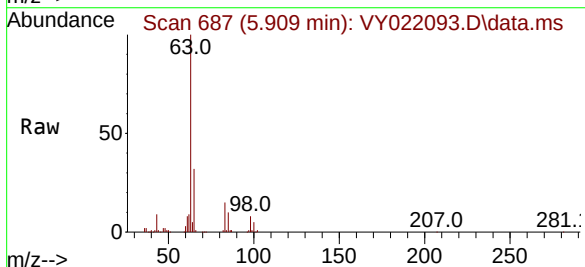
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

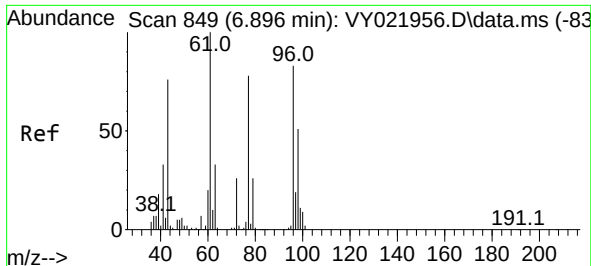
Tgt Ion: 43 Resp: 938715
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 50.297 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022093.D
 Acq: 30 Apr 2025 19:25

Tgt Ion: 63 Resp: 251268
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 4.6 2.0 6.0





#25

2-Butanone

Concen: 256.584 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

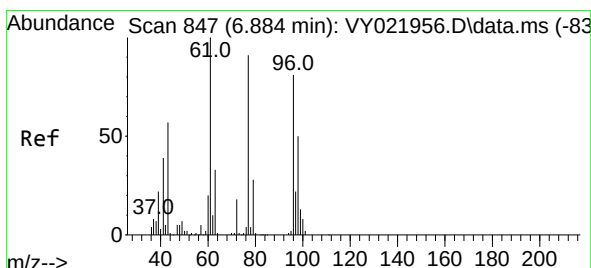
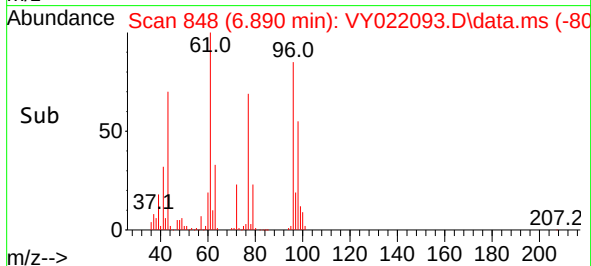
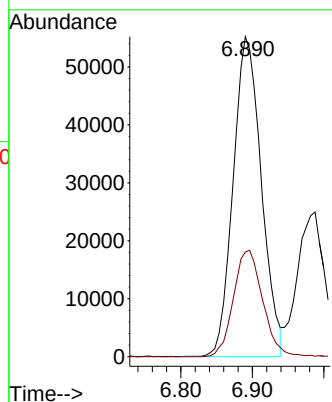
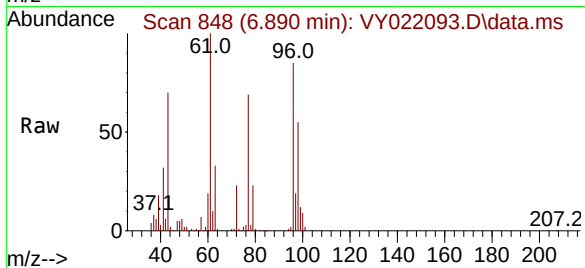
VSTDCCC050EC

Tgt Ion: 43 Resp: 151151

Ion Ratio Lower Upper

43 100

72 32.7 27.0 40.4



#26

2,2-Dichloropropane

Concen: 42.880 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022093.D

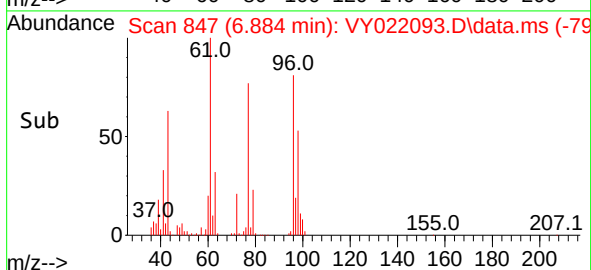
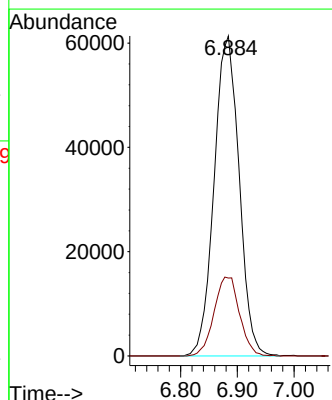
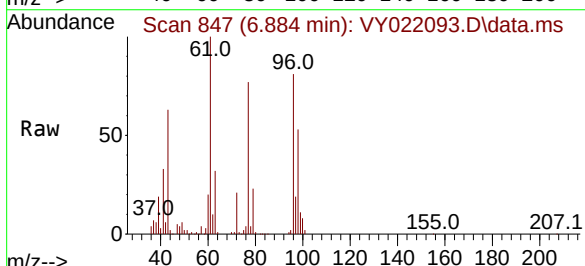
Acq: 30 Apr 2025 19:25

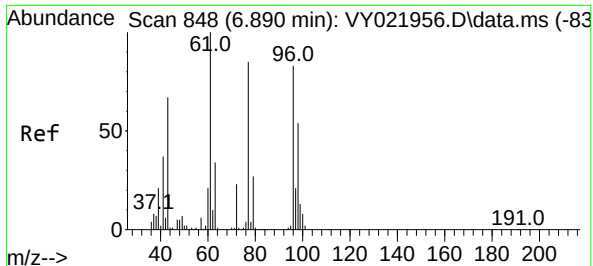
Tgt Ion: 77 Resp: 187753

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 52.187 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

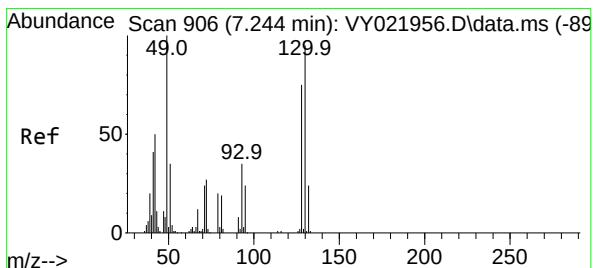
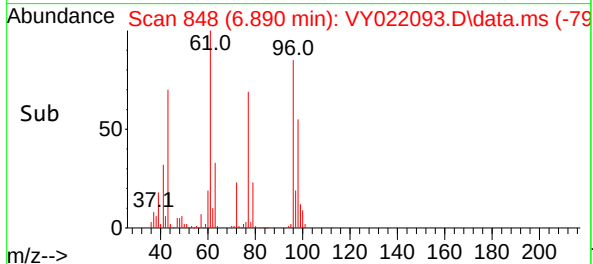
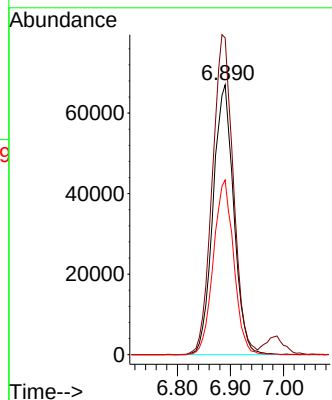
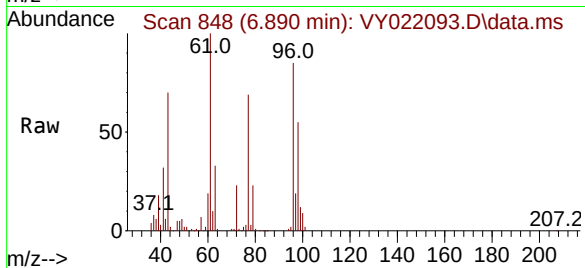
Tgt Ion: 96 Resp: 181768

Ion Ratio Lower Upper

96 100

61 120.5 0.0 251.4

98 63.8 0.0 128.4



#28

Bromochloromethane

Concen: 48.399 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

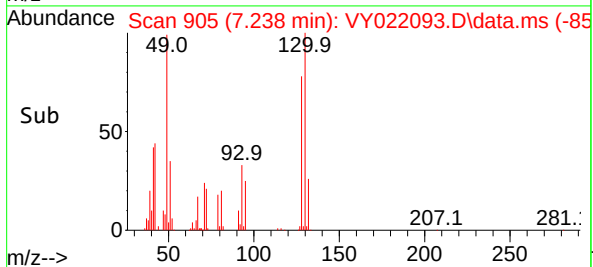
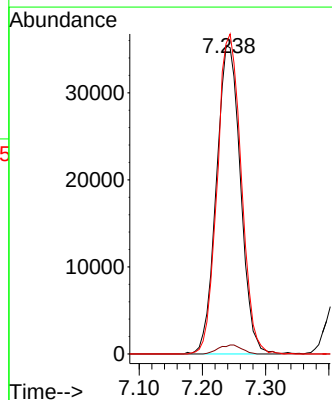
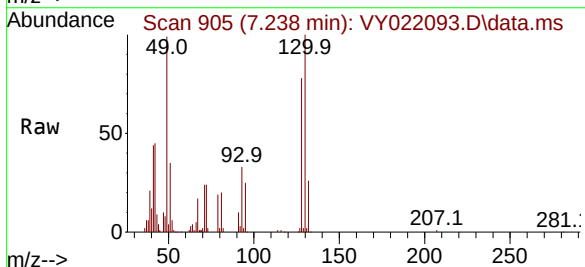
Tgt Ion: 49 Resp: 93915

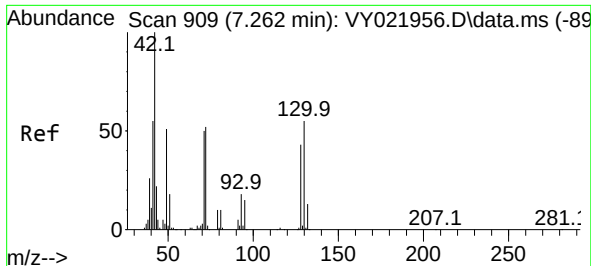
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 102.8 78.2 117.4





#29

Tetrahydrofuran

Concen: 267.468 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

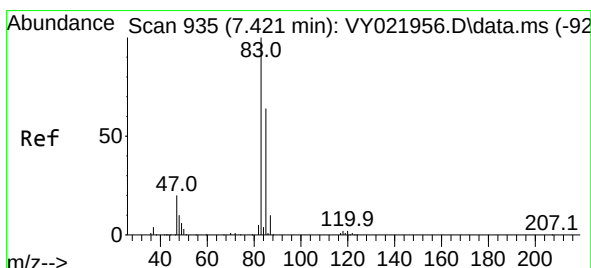
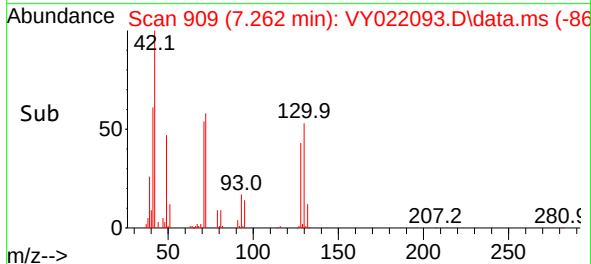
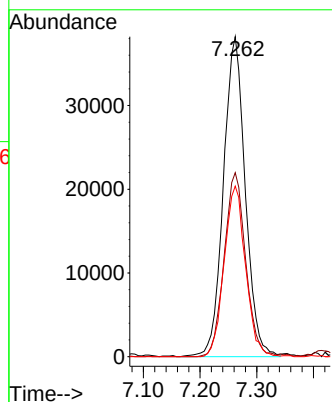
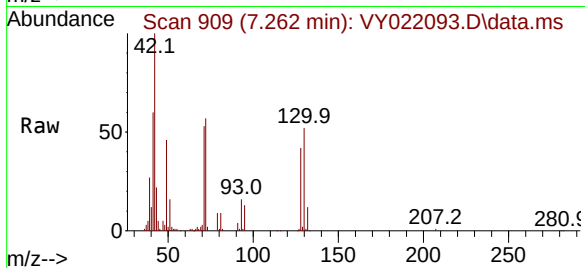
Tgt Ion: 42 Resp: 102334

Ion Ratio Lower Upper

42 100

72 56.4 42.6 63.8

71 52.1 40.6 61.0



#30

Chloroform

Concen: 51.770 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022093.D

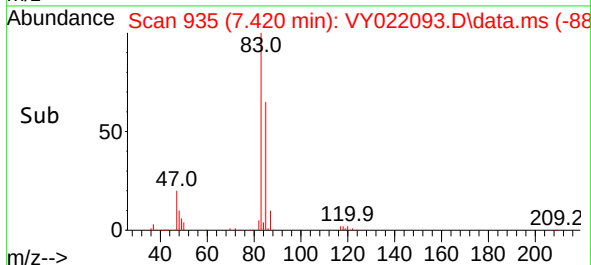
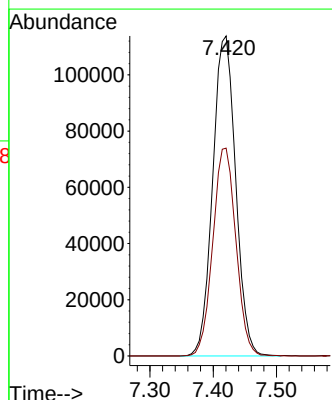
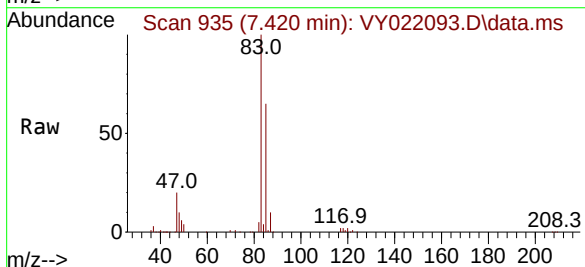
Acq: 30 Apr 2025 19:25

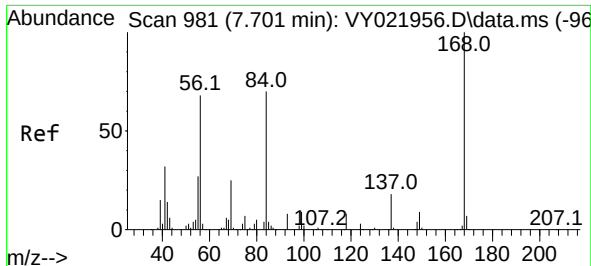
Tgt Ion: 83 Resp: 286876

Ion Ratio Lower Upper

83 100

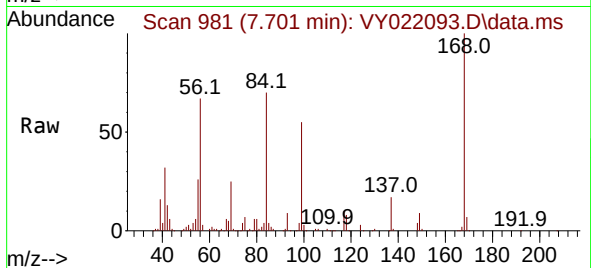
85 64.9 51.3 76.9



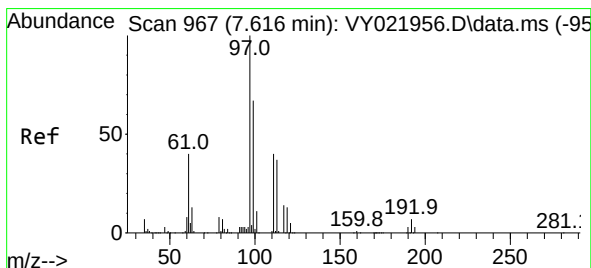
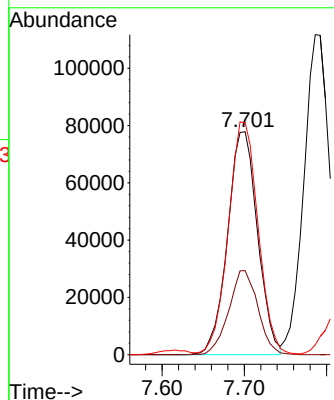
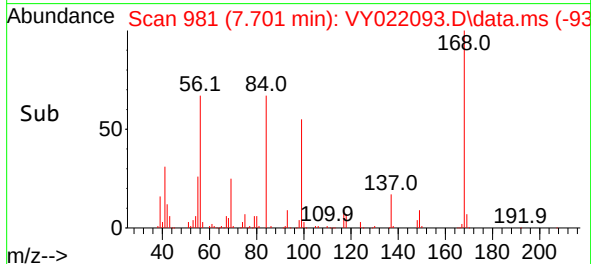


#31
Cyclohexane
Concen: 46.232 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

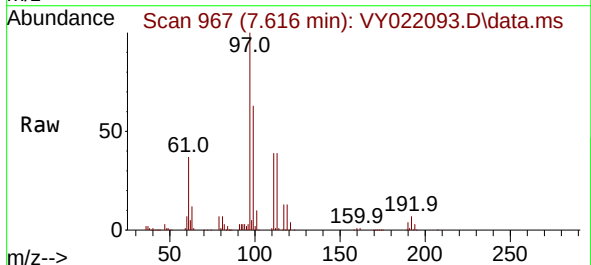
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



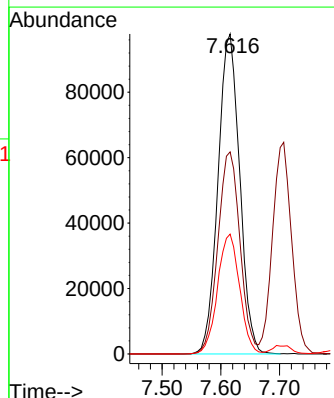
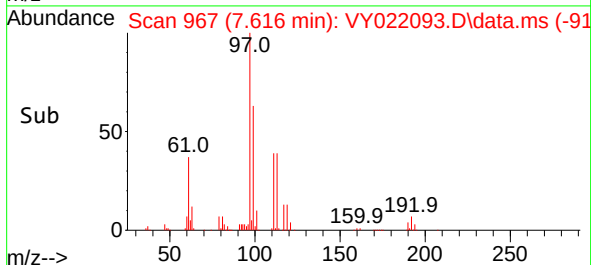
Tgt Ion: 56 Resp: 197506
Ion Ratio Lower Upper
56 100
69 37.7 29.4 44.2
84 102.4 82.2 123.4

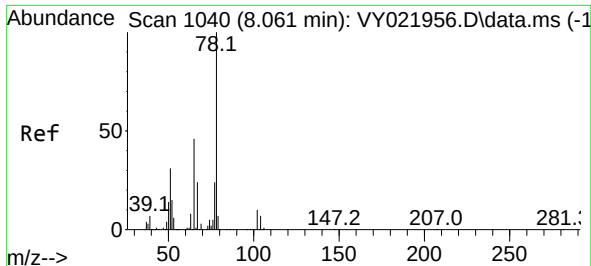


#32
1,1,1-Trichloroethane
Concen: 50.005 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25



Tgt Ion: 97 Resp: 250695
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 38.2 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.771 ug/l

RT: 8.055 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

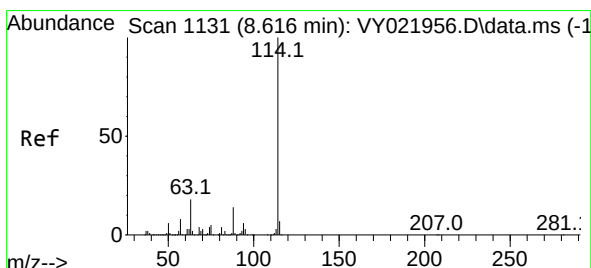
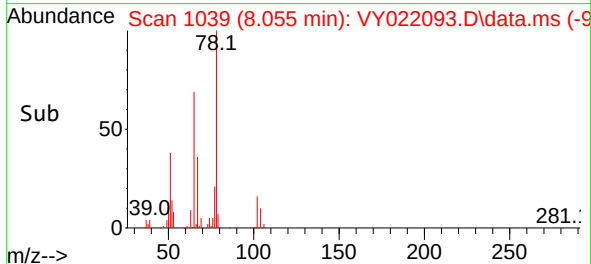
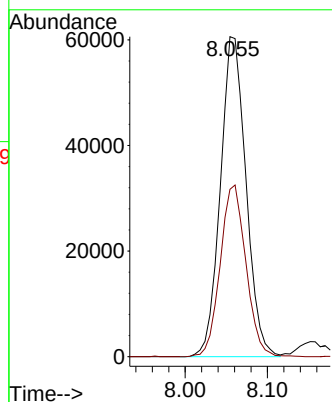
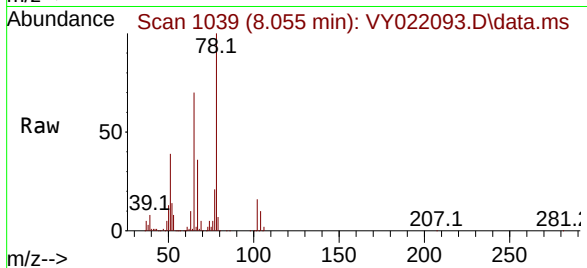
VSTDCCC050EC

Tgt Ion: 65 Resp: 131210

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

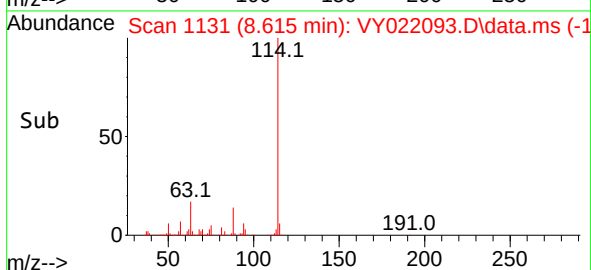
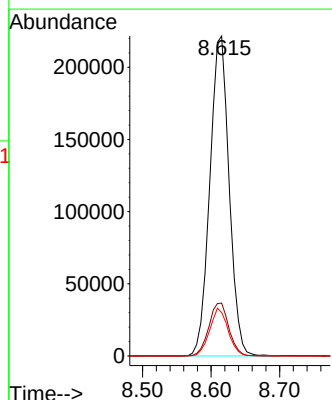
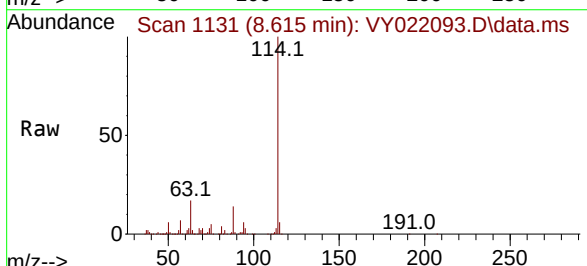
Tgt Ion: 114 Resp: 434114

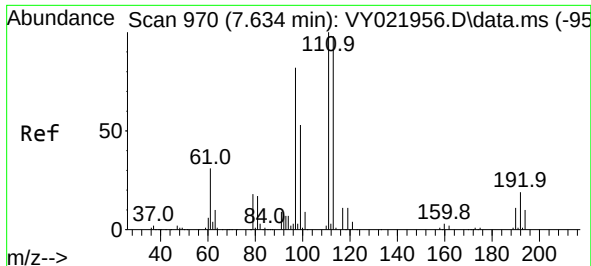
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.4

88 13.6 0.0 28.2

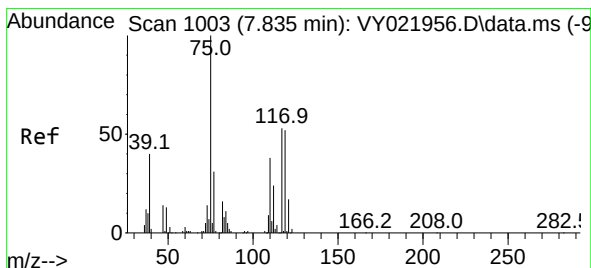
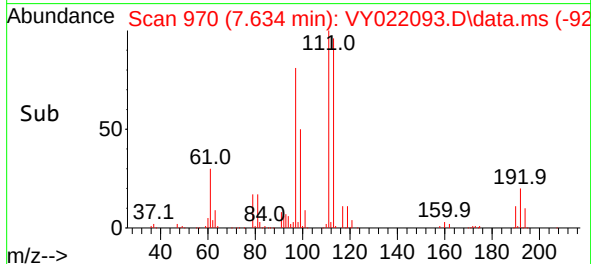
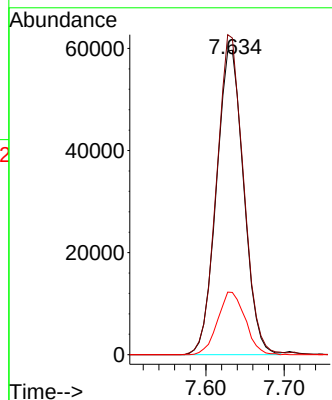
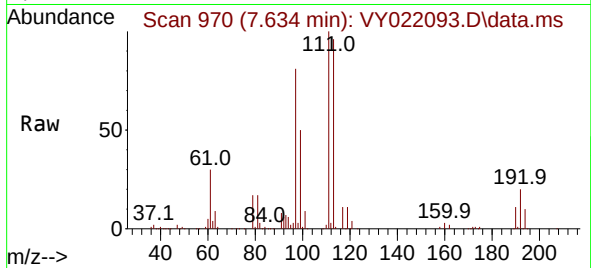




#35
Dibromofluoromethane
Concen: 50.509 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

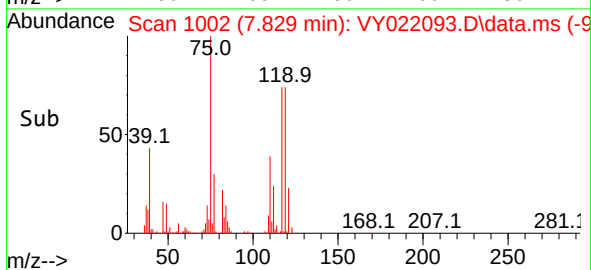
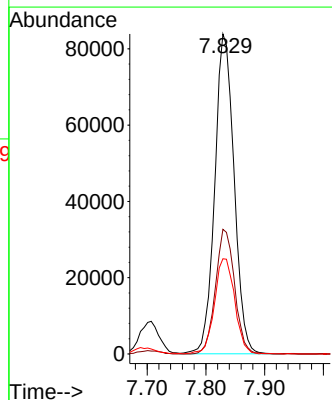
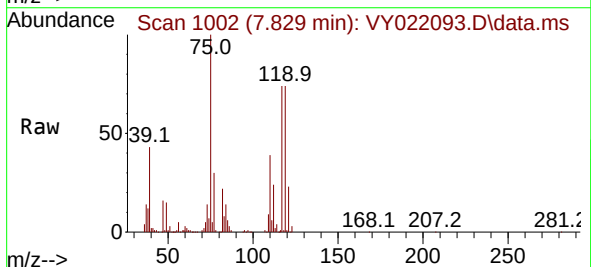
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

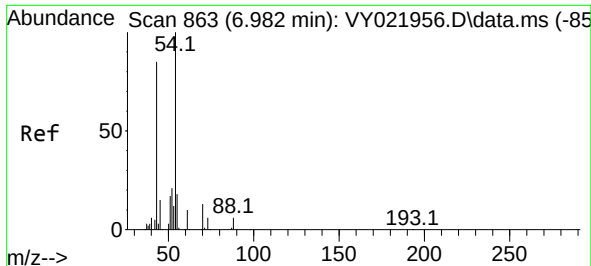
Tgt Ion:113 Resp: 144859
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 20.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 49.827 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 75 Resp: 191957
Ion Ratio Lower Upper
75 100
110 38.5 19.1 57.3
77 31.3 25.5 38.3

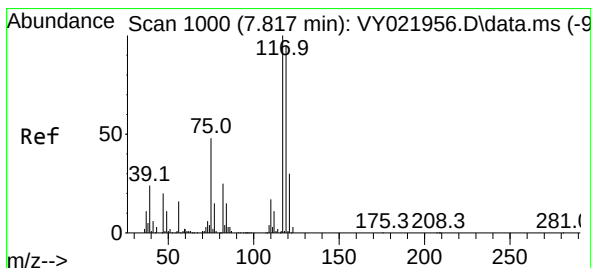
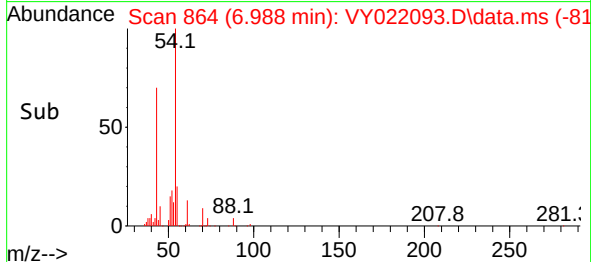
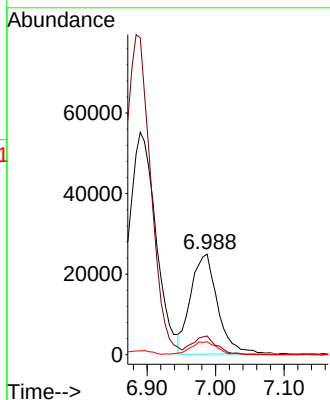
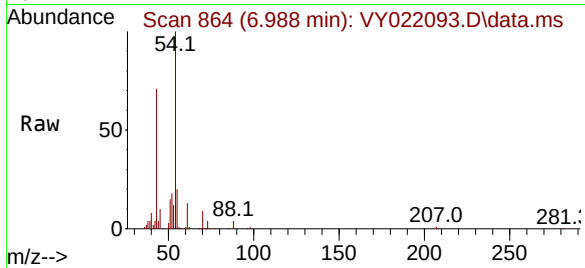




#37
Ethyl Acetate
Concen: 49.123 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

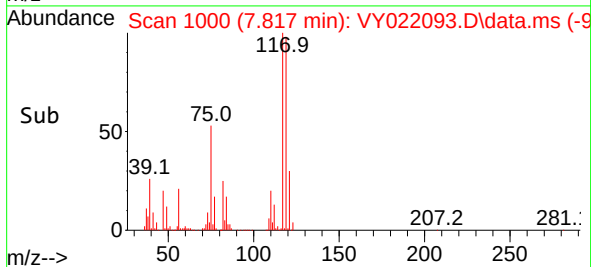
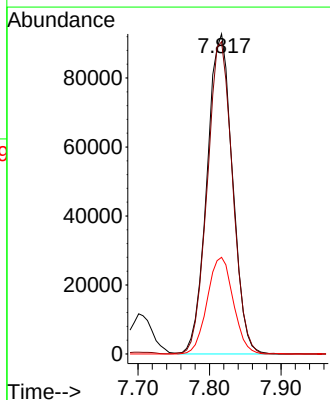
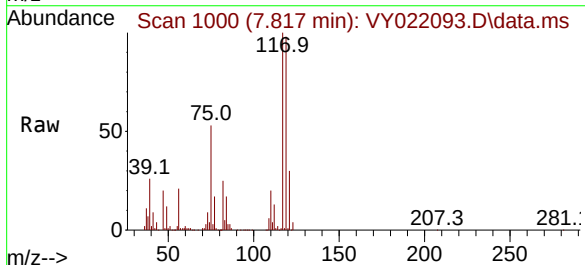
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

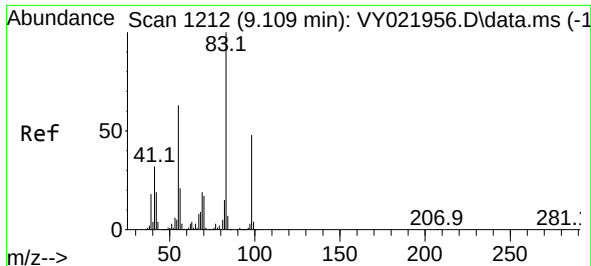
Tgt Ion: 43 Resp: 67968
Ion Ratio Lower Upper
43 100
61 16.3 13.8 20.6
70 12.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 49.989 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 117 Resp: 230120
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.4
121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 48.353 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

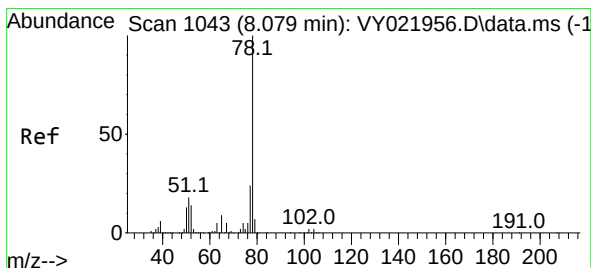
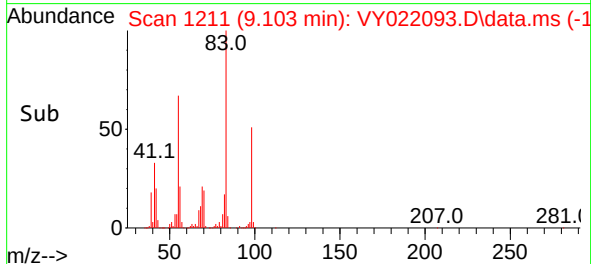
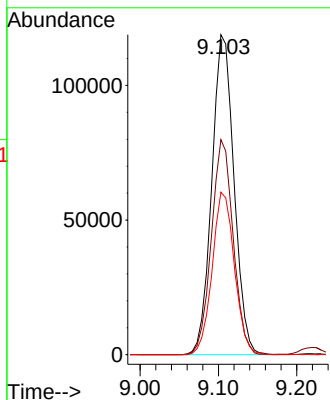
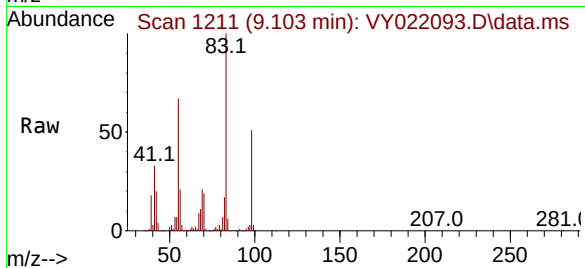
Tgt Ion: 83 Resp: 234423

Ion Ratio Lower Upper

83 100

55 67.2 50.6 75.8

98 50.8 38.6 58.0



#40

Benzene

Concen: 51.816 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022093.D

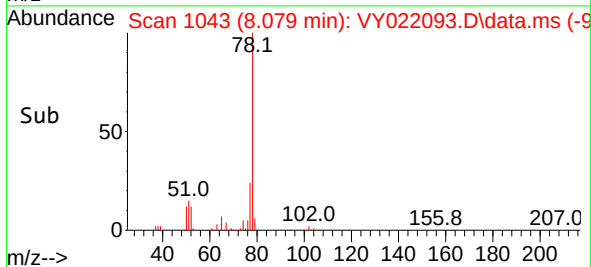
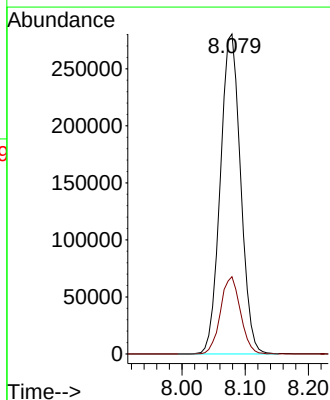
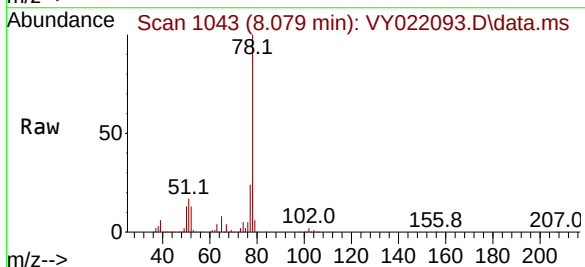
Acq: 30 Apr 2025 19:25

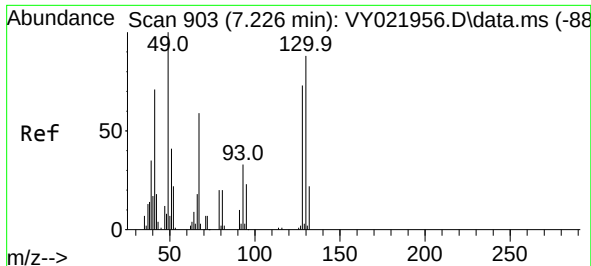
Tgt Ion: 78 Resp: 624003

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

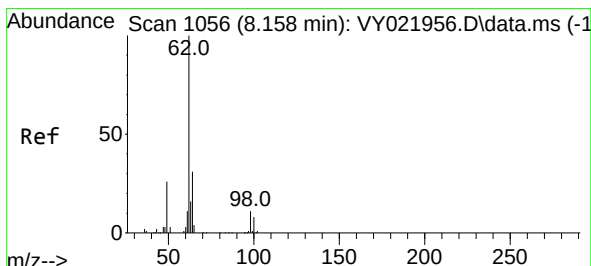
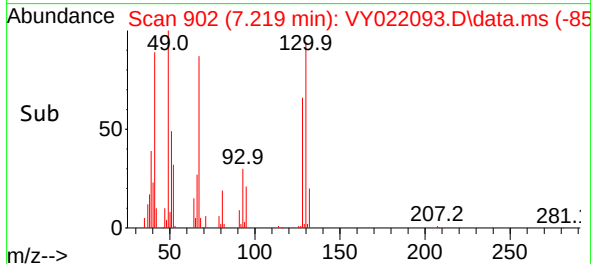
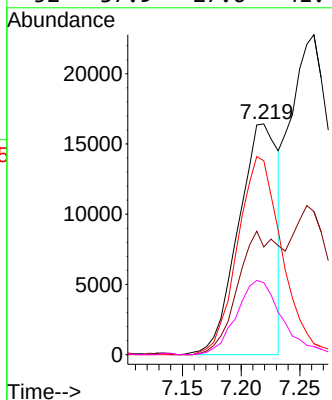
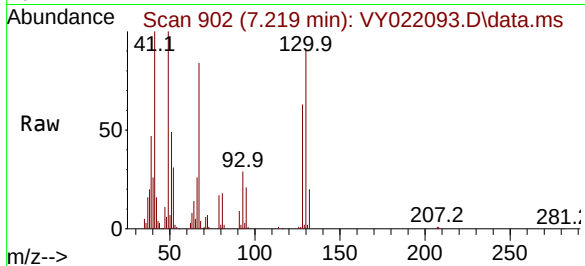




#41
Methacrylonitrile
Concen: 50.746 ug/l
RT: 7.219 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

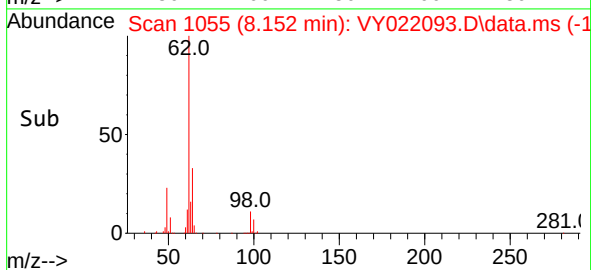
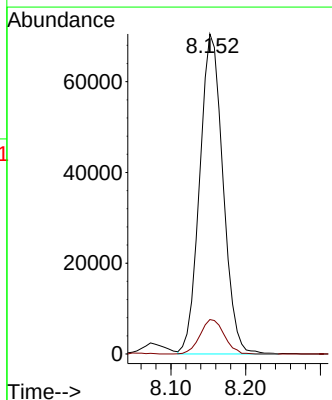
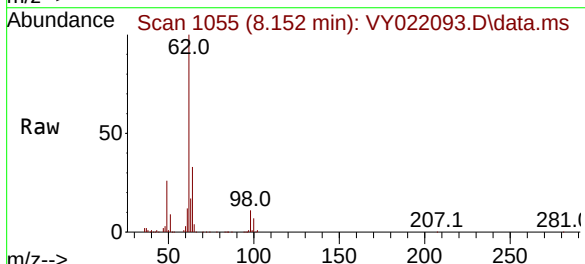
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

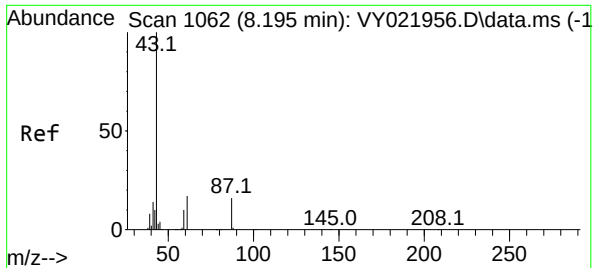
Tgt Ion: 41 Resp: 38382
Ion Ratio Lower Upper
41 100
39 59.9 36.6 55.0#
67 97.4 72.2 108.4
52 37.9 27.6 41.4



#42
1,2-Dichloroethane
Concen: 51.202 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 62 Resp: 152663
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.0

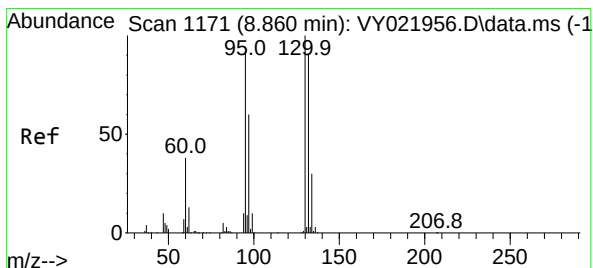
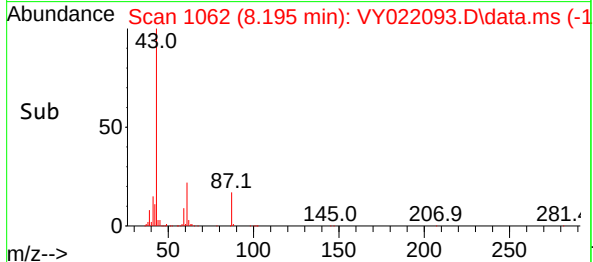
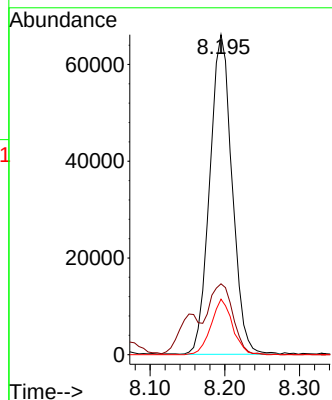
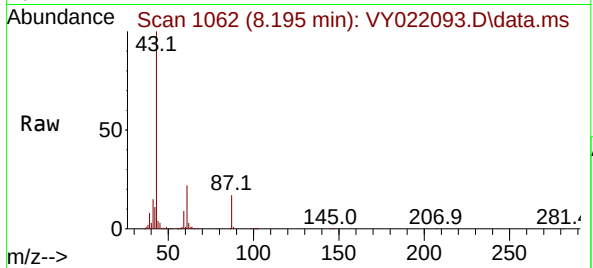




#43
Isopropyl Acetate
Concen: 51.574 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

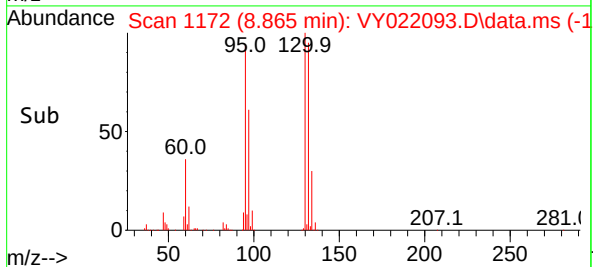
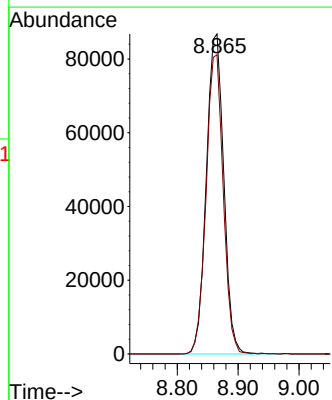
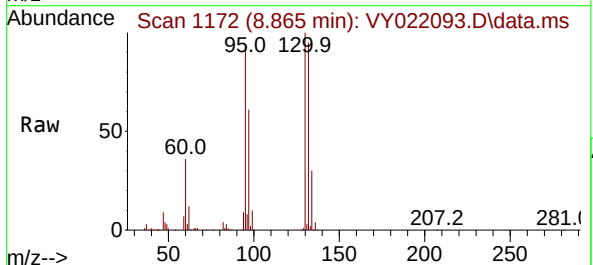
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

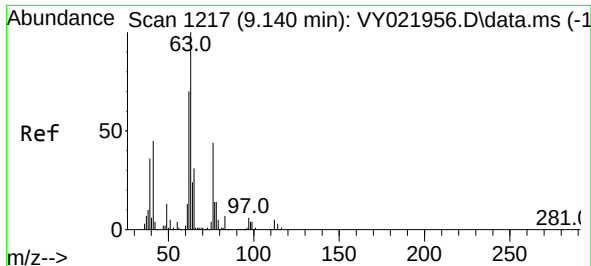
Tgt Ion: 43 Resp: 137038
Ion Ratio Lower Upper
43 100
61 23.4 18.9 28.3
87 16.7 13.7 20.5



#44
Trichloroethene
Concen: 51.686 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion:130 Resp: 172407
Ion Ratio Lower Upper
130 100
95 93.5 0.0 183.2





#45

1,2-Dichloropropane

Concen: 51.567 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

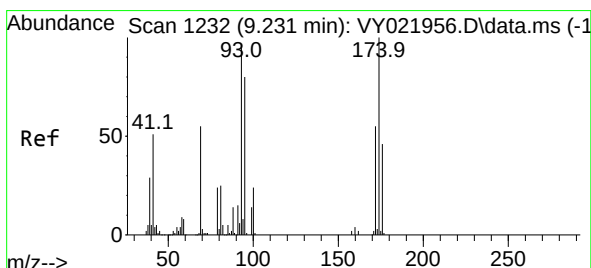
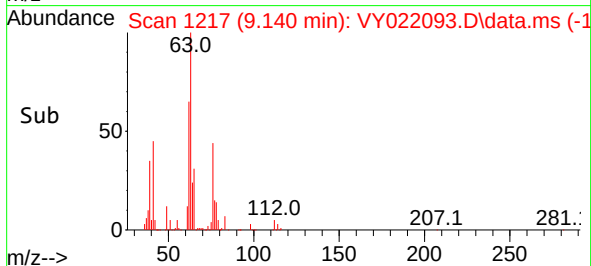
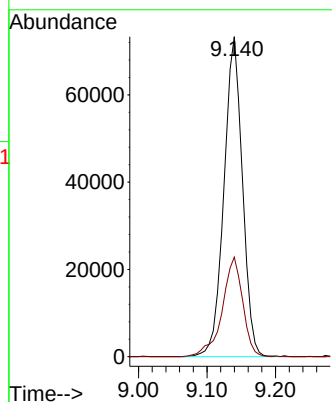
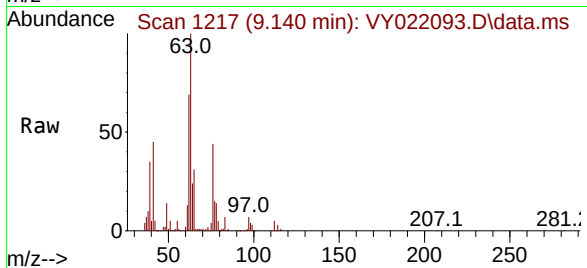
VSTDCCC050EC

Tgt Ion: 63 Resp: 137332

Ion Ratio Lower Upper

63 100

65 31.1 25.2 37.8



#46

Dibromomethane

Concen: 52.864 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

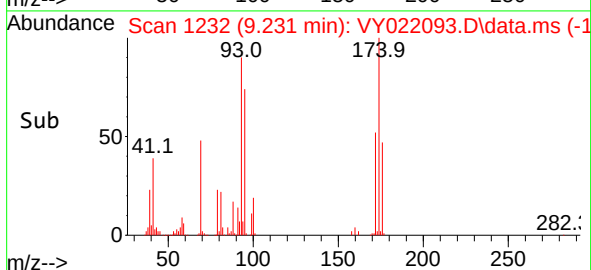
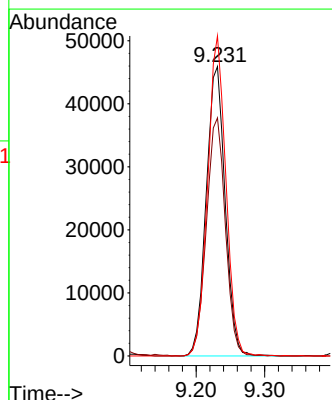
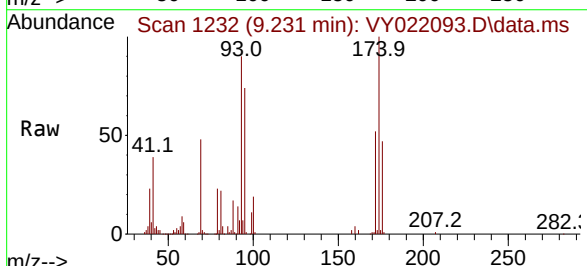
Tgt Ion: 93 Resp: 88131

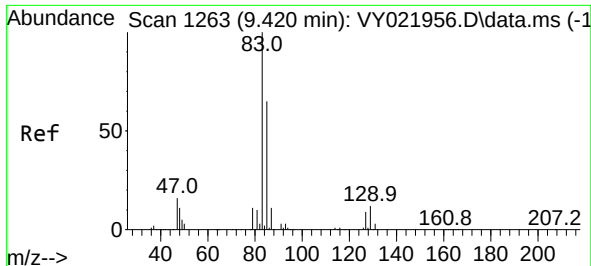
Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

174 106.6 84.6 127.0

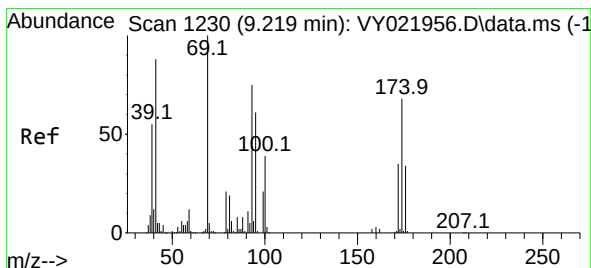
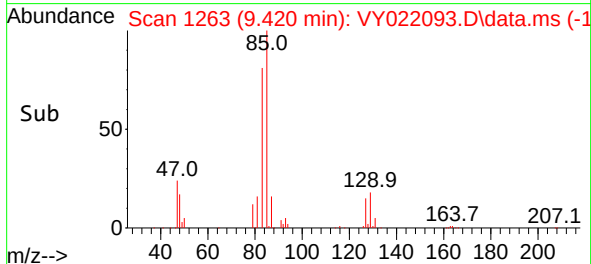
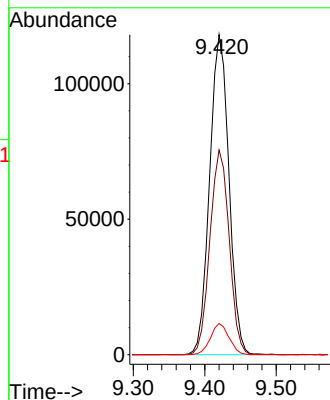
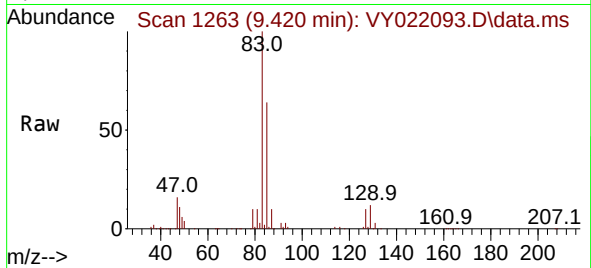




#47
Bromodichloromethane
Concen: 53.118 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

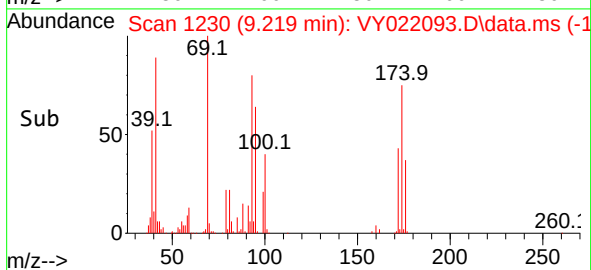
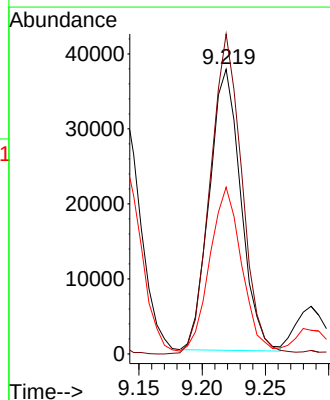
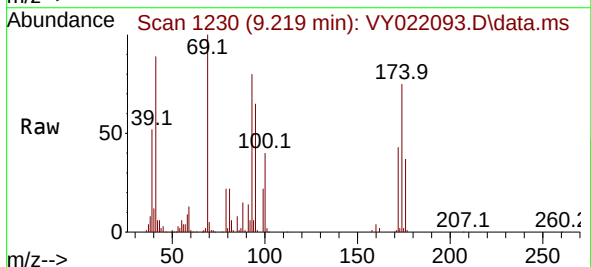
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

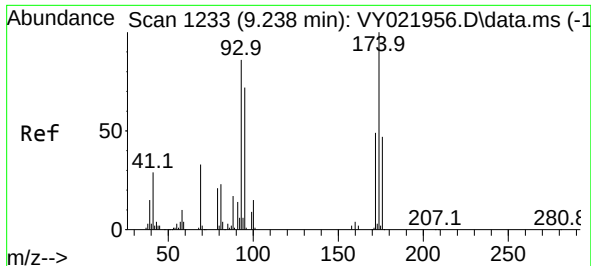
Tgt Ion: 83 Resp: 221221
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8
127 9.7 7.0 10.6



#48
Methyl methacrylate
Concen: 52.979 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 41 Resp: 65076
Ion Ratio Lower Upper
41 100
69 113.6 85.5 128.3
39 60.4 46.2 69.4





#49

1,4-Dioxane

Concen: 1083.807 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

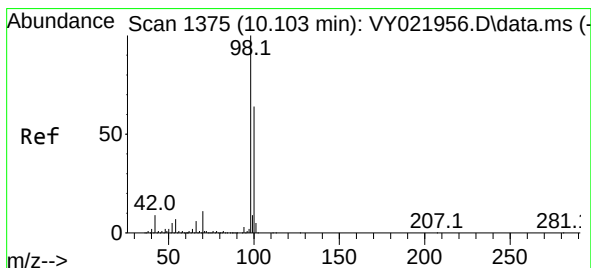
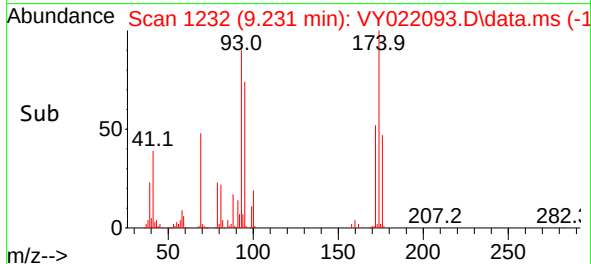
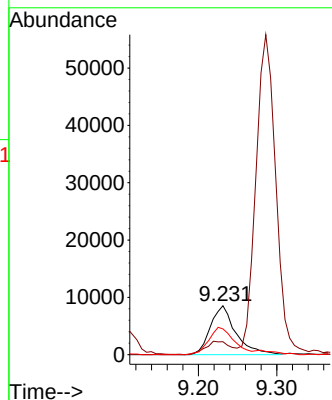
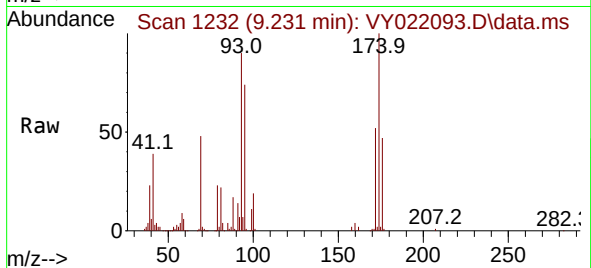
Tgt Ion: 88 Resp: 19258

Ion Ratio Lower Upper

88 100

43 27.1 21.3 31.9

58 54.8 50.5 75.7



#50

Toluene-d8

Concen: 51.963 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022093.D

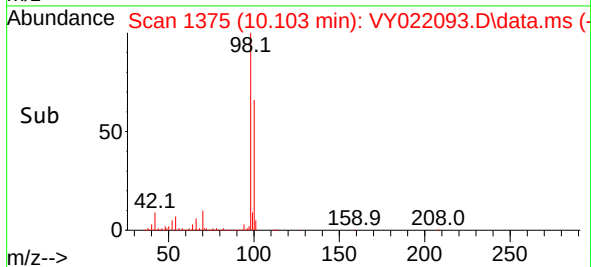
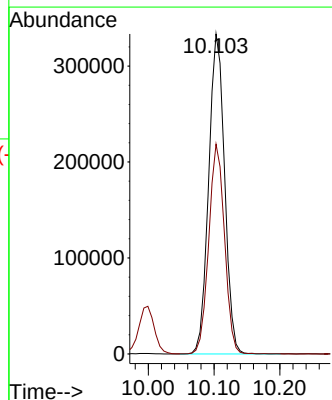
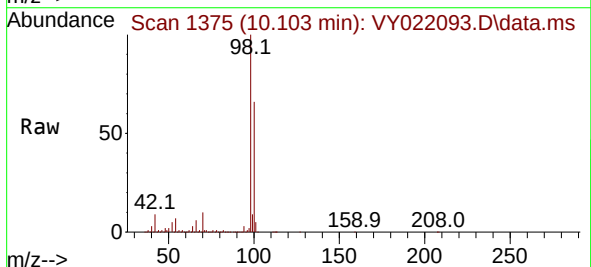
Acq: 30 Apr 2025 19:25

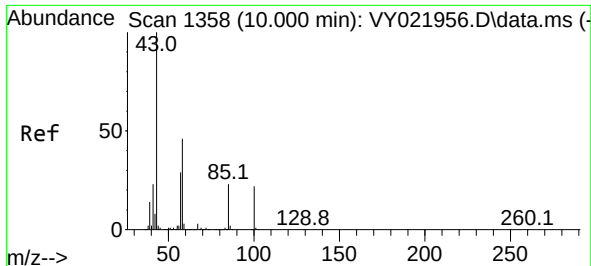
Tgt Ion: 98 Resp: 561844

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

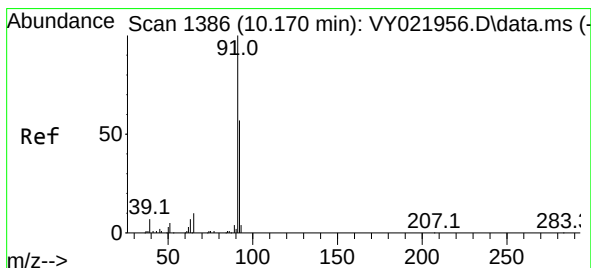
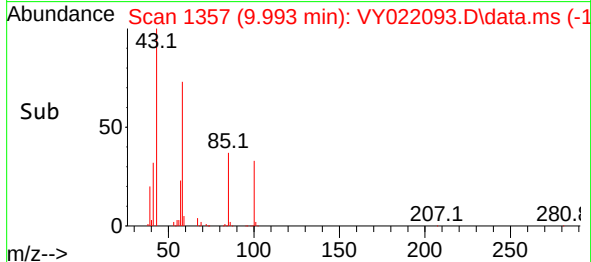
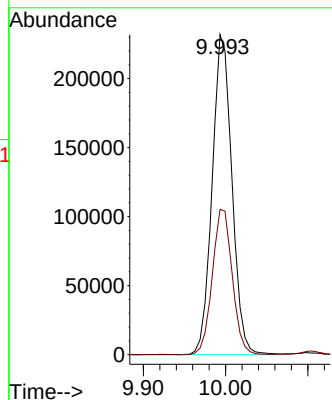
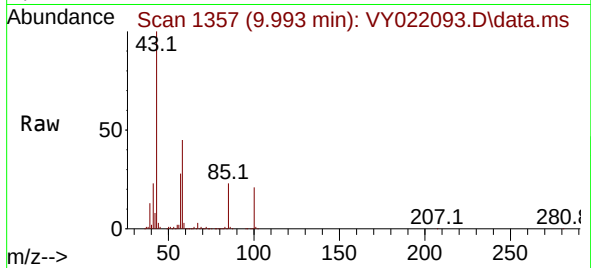




#51
4-Methyl-2-Pentanone
Concen: 277.552 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

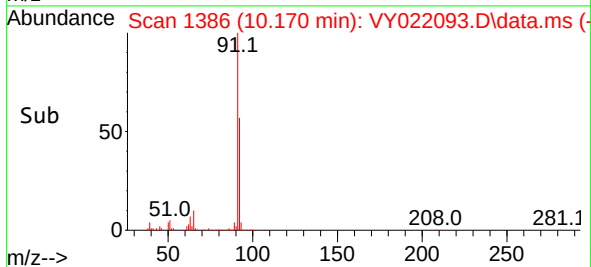
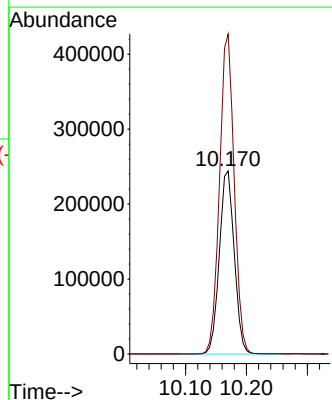
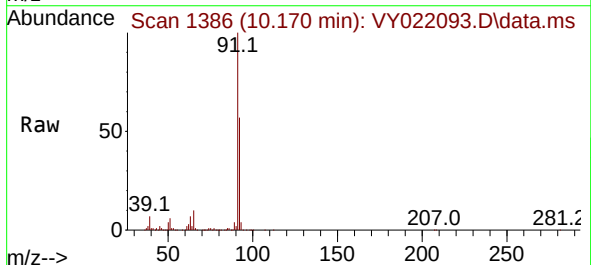
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

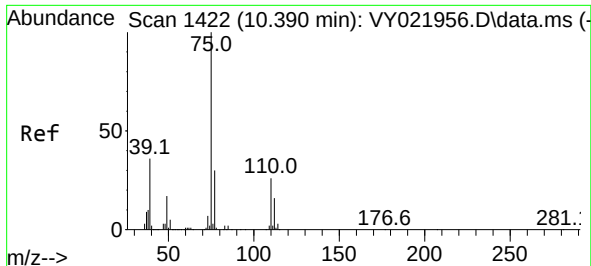
Tgt Ion: 43 Resp: 386602
Ion Ratio Lower Upper
43 100
58 45.9 36.6 55.0



#52
Toluene
Concen: 53.105 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 92 Resp: 413973
Ion Ratio Lower Upper
92 100
91 172.0 138.6 207.8

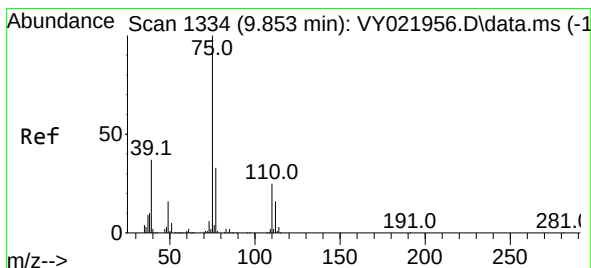
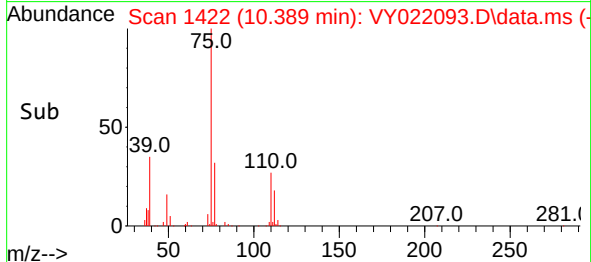
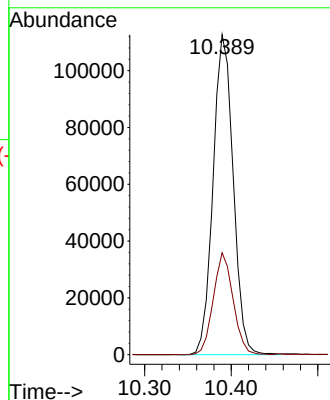
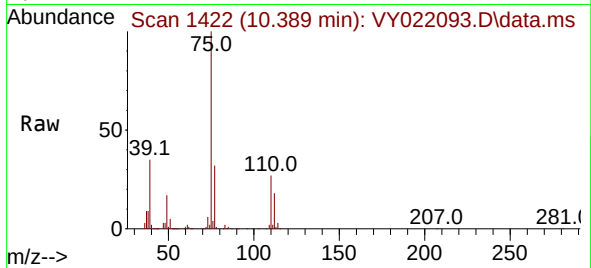




#53
 t-1,3-Dichloropropene
 Concen: 50.926 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY022093.D
 Acq: 30 Apr 2025 19:25

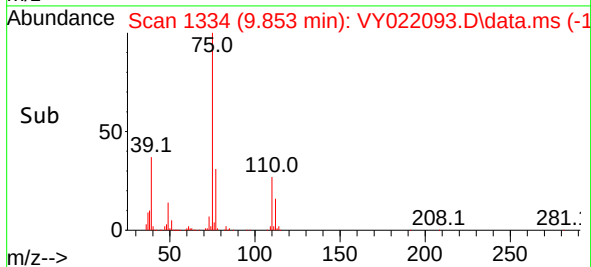
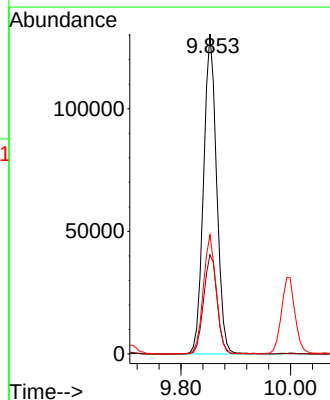
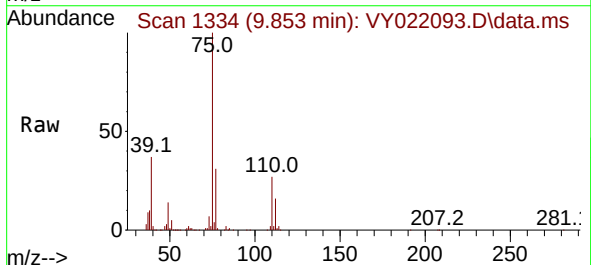
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

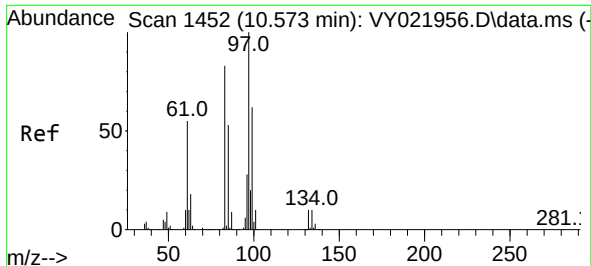
Tgt Ion: 75 Resp: 181922
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.866 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022093.D
 Acq: 30 Apr 2025 19:25

Tgt Ion: 75 Resp: 215998
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.6 40.0
 39 37.2 29.6 44.4

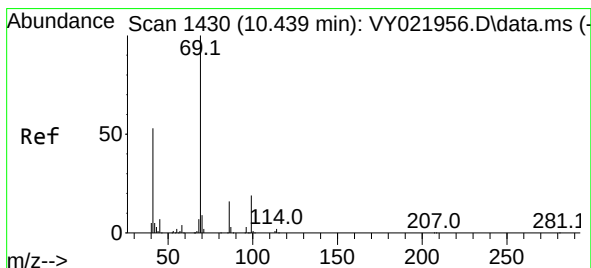
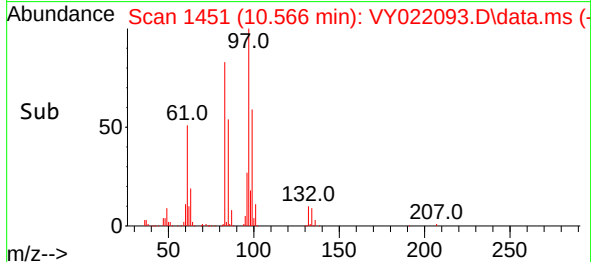
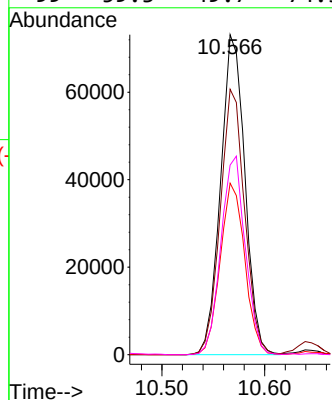
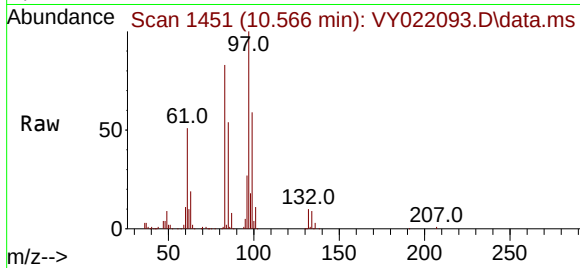




#55
1,1,2-Trichloroethane
Concen: 53.971 ug/l
RT: 10.566 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

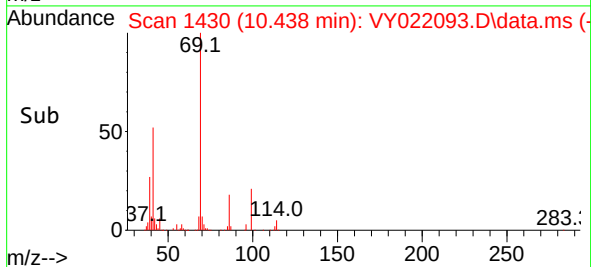
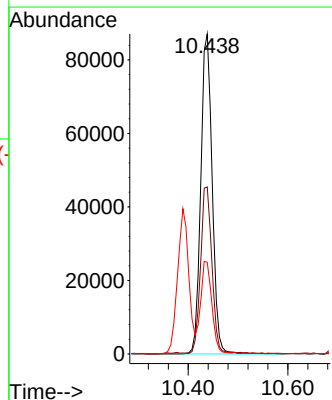
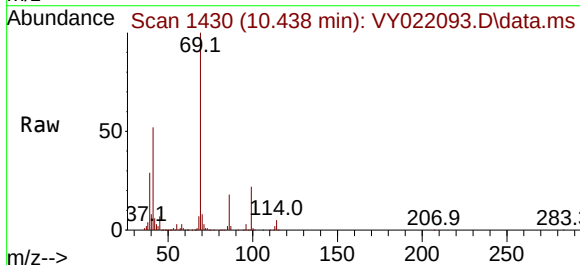
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

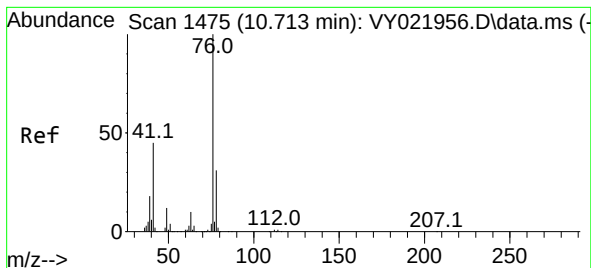
Tgt Ion:	97	Resp:	120188
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.7	100.1
85	53.6	42.6	64.0
99	59.3	49.7	74.5



#56
Ethyl methacrylate
Concen: 54.188 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion:	69	Resp:	137995
Ion	Ratio	Lower	Upper
69	100		
41	51.5	40.7	61.1
39	28.0	23.3	34.9

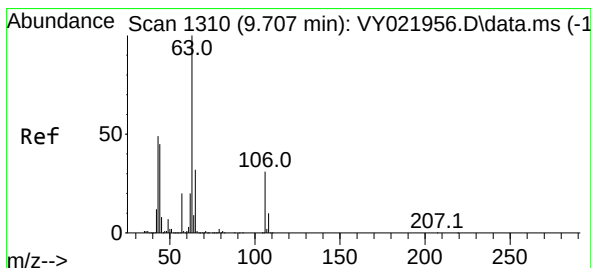
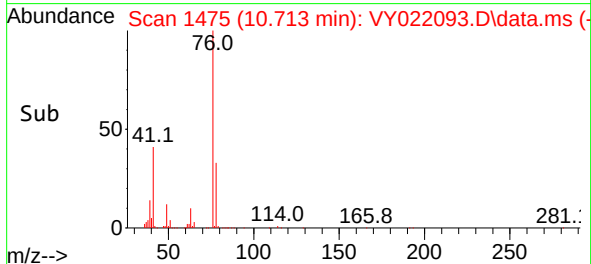
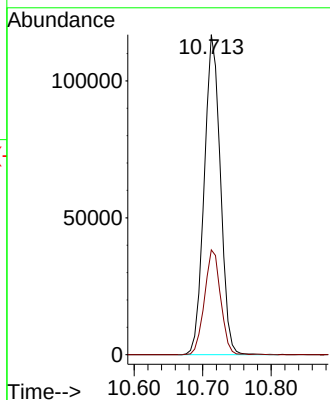
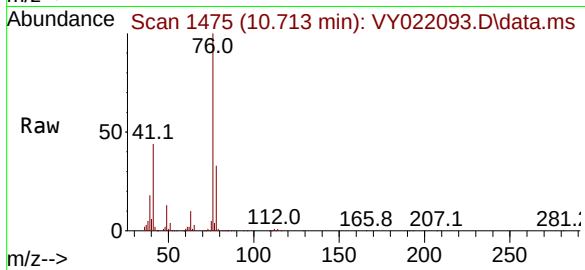




#57
1,3-Dichloropropane
Concen: 53.670 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

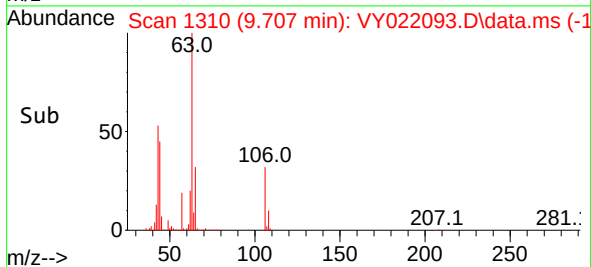
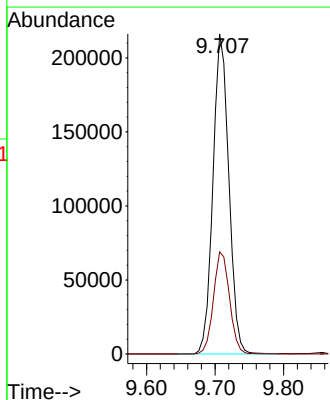
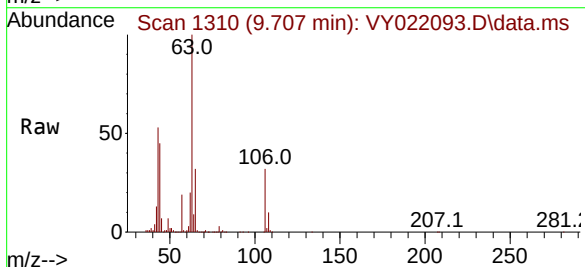
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

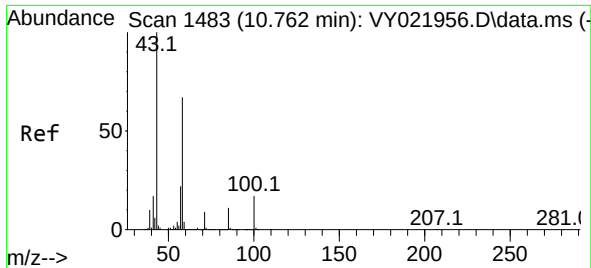
Tgt Ion: 76 Resp: 191602
Ion Ratio Lower Upper
76 100
78 32.7 26.6 39.8



#58
2-Chloroethyl Vinyl ether
Concen: 278.156 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 63 Resp: 346335
Ion Ratio Lower Upper
63 100
106 32.2 25.3 37.9

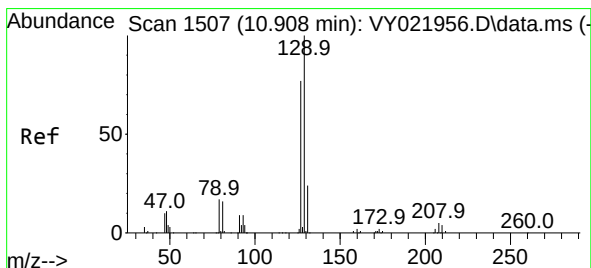
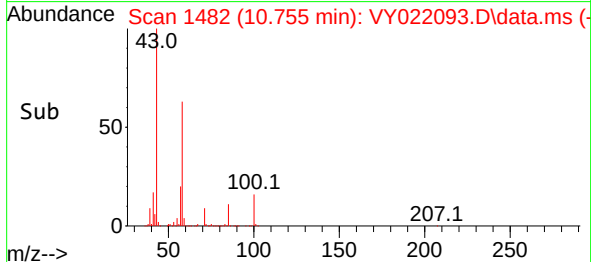
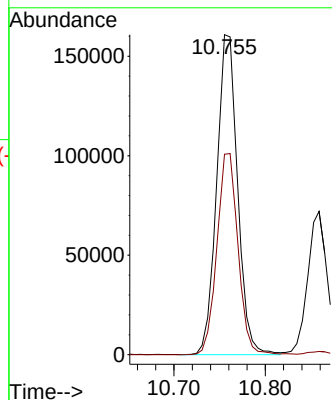
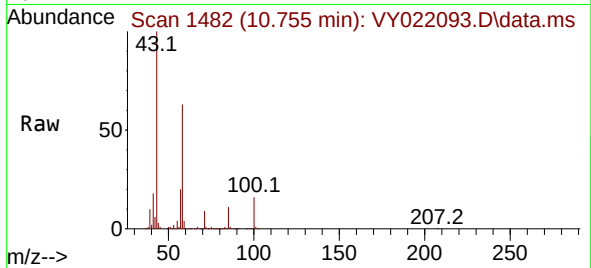




#59
2-Hexanone
Concen: 278.656 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

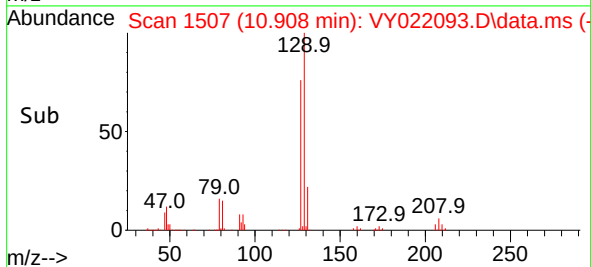
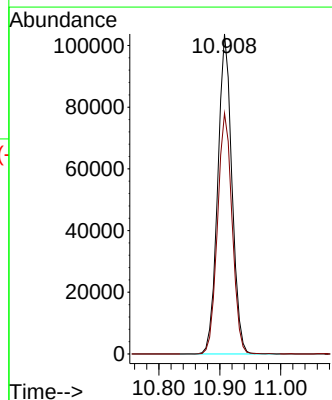
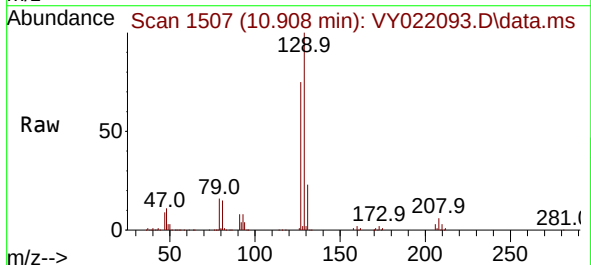
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

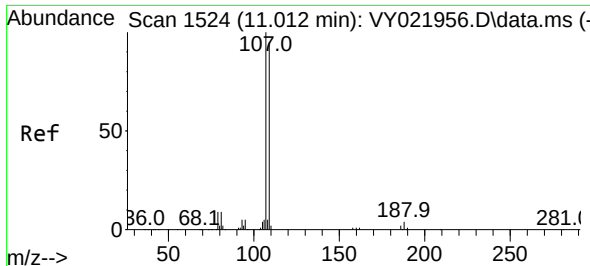
Tgt Ion: 43 Resp: 256011
Ion Ratio Lower Upper
43 100
58 63.4 32.0 96.0



#60
Dibromochloromethane
Concen: 54.270 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion:129 Resp: 167319
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

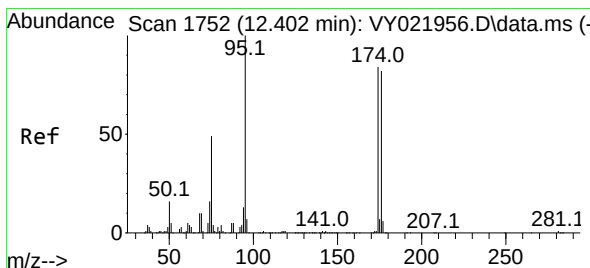
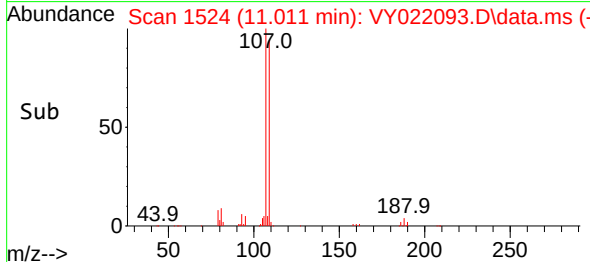
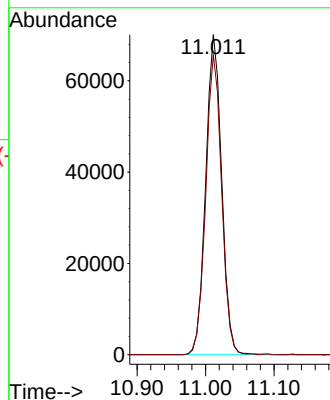
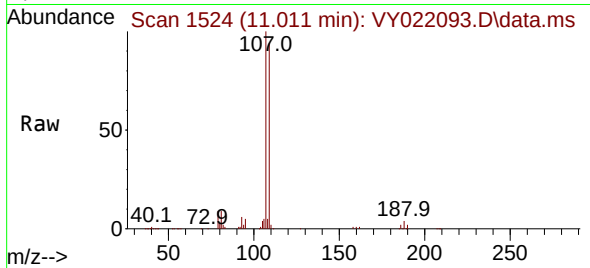




#61
1,2-Dibromoethane
Concen: 53.986 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

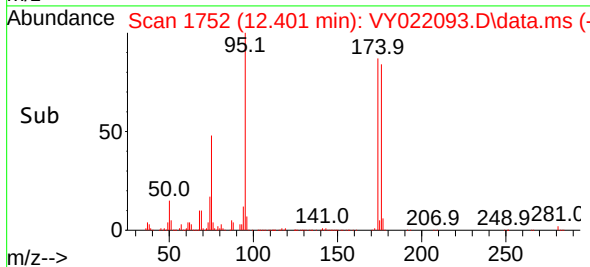
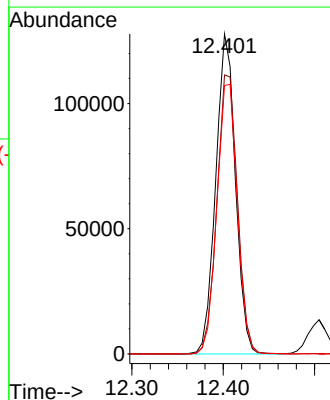
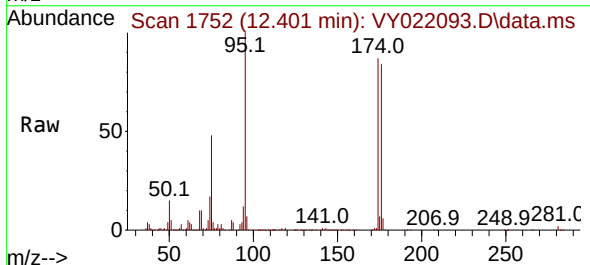
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

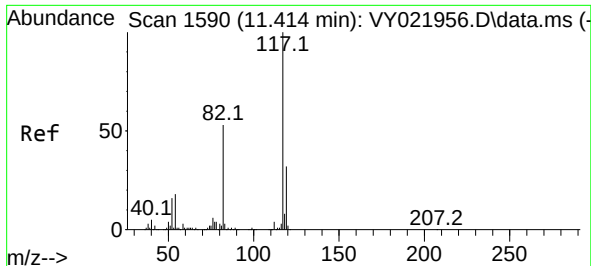
Tgt Ion:107 Resp: 113497
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.603 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 95 Resp: 191468
Ion Ratio Lower Upper
95 100
174 91.1 0.0 179.0
176 87.7 0.0 171.8

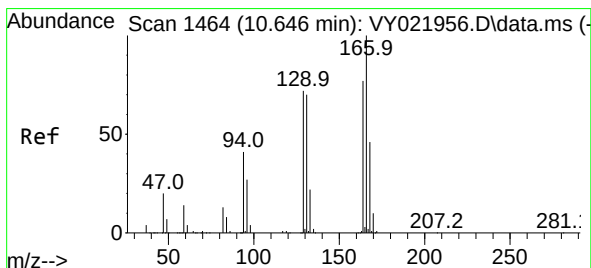
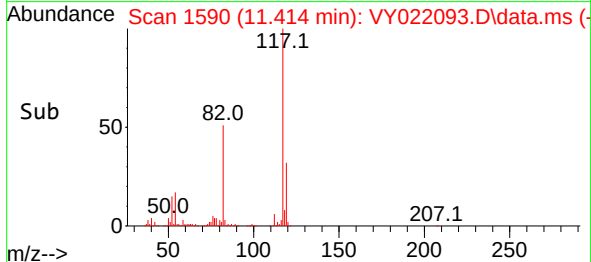
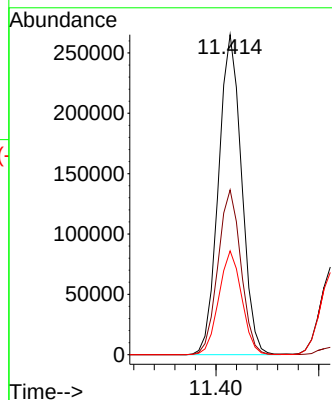
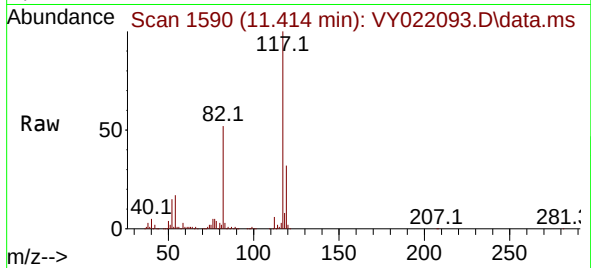




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

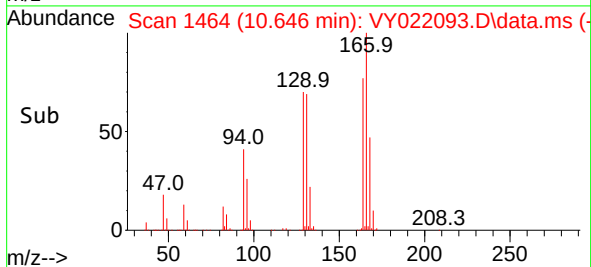
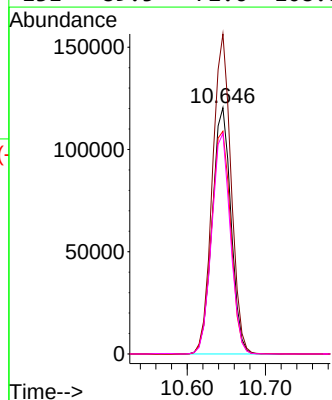
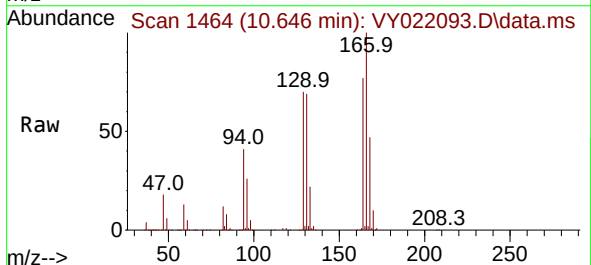
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

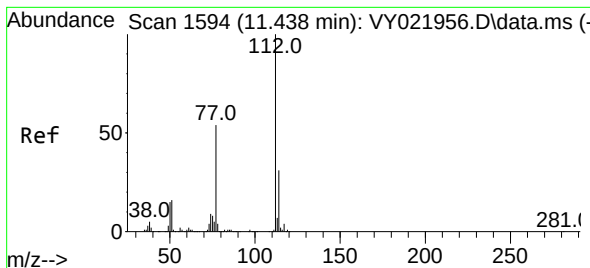
Tgt Ion:117 Resp: 413341
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 51.358 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion:164 Resp: 200262
Ion Ratio Lower Upper
164 100
166 129.9 103.6 155.4
129 90.5 74.2 111.4
131 89.5 72.6 108.8

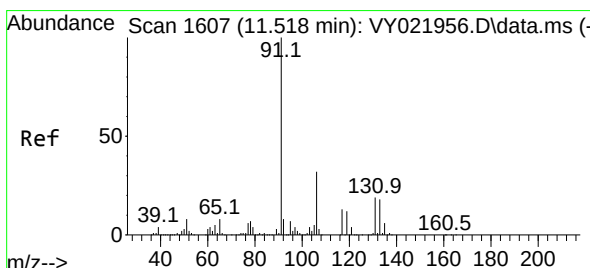
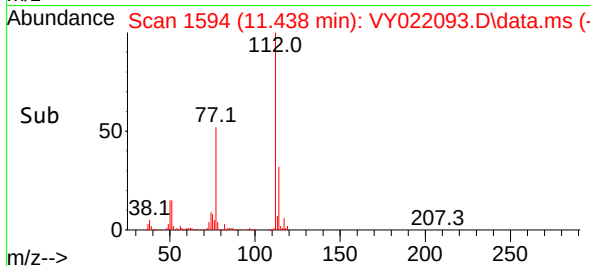
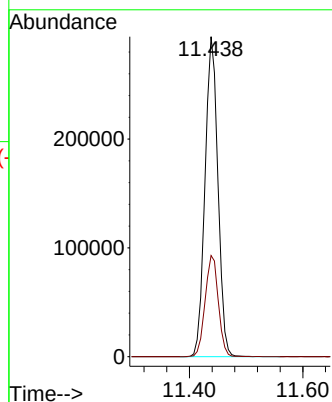
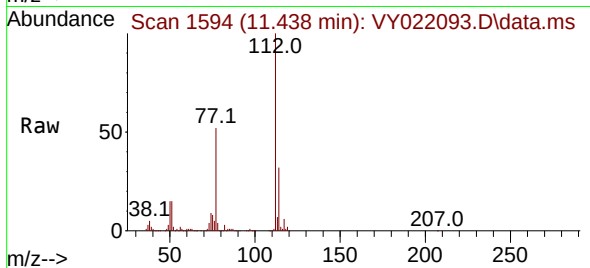




#65
Chlorobenzene
Concen: 50.141 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

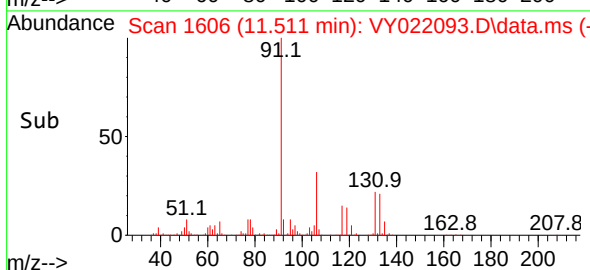
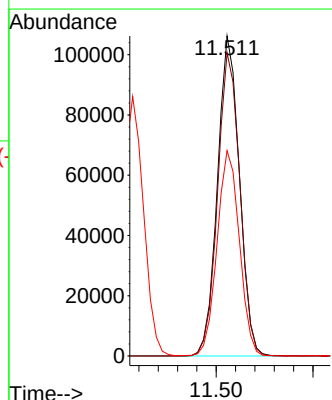
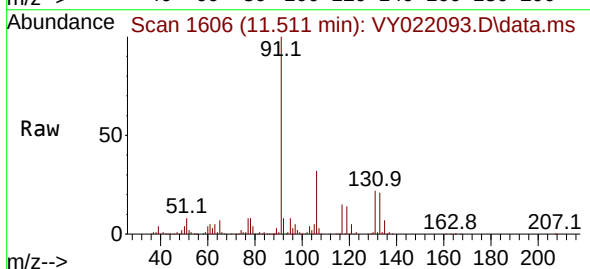
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

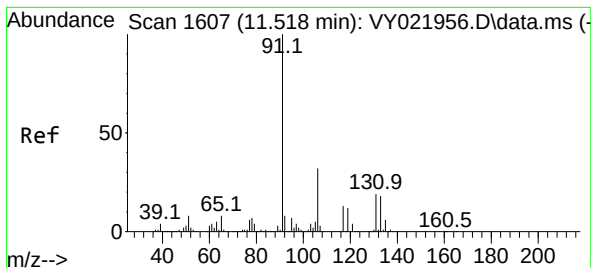
Tgt Ion:112 Resp: 463472
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.362 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion:131 Resp: 167141
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 65.3 32.4 97.0





#67

Ethyl Benzene

Concen: 51.700 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

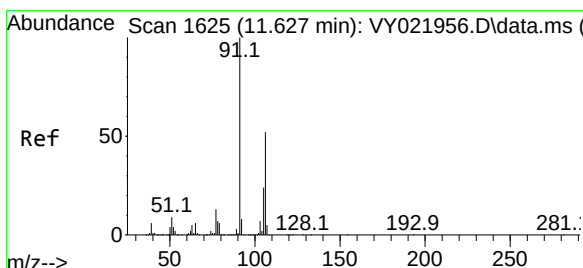
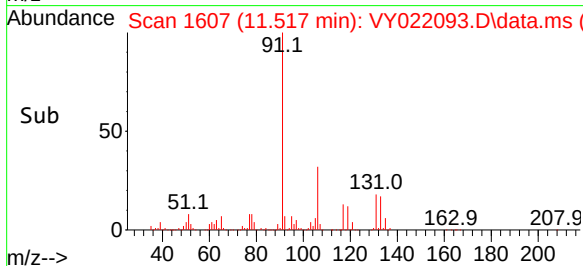
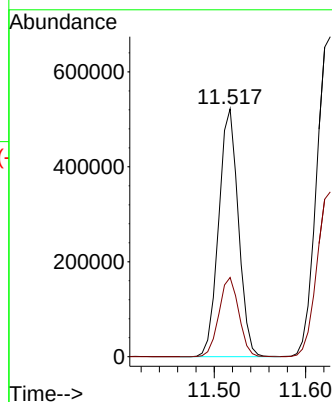
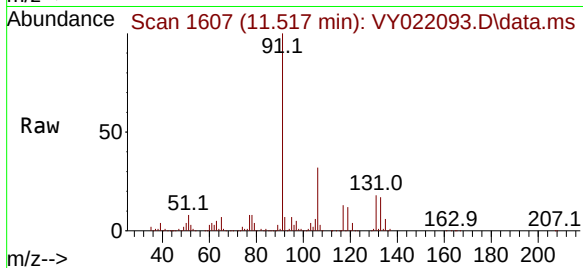
VSTDCCC050EC

Tgt Ion: 91 Resp: 781741

Ion Ratio Lower Upper

91 100

106 32.0 25.9 38.9



#68

m/p-Xylenes

Concen: 103.402 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022093.D

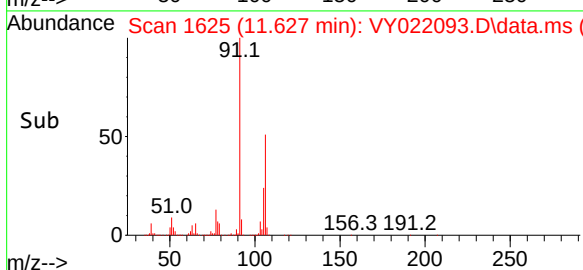
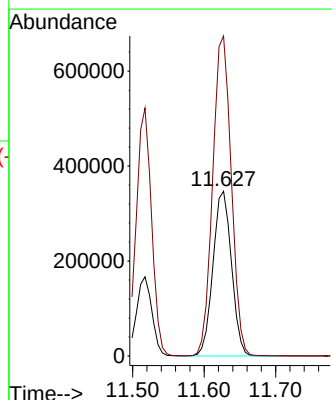
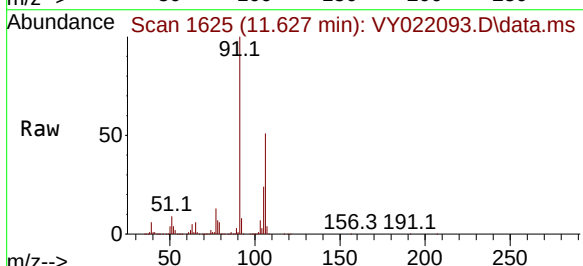
Acq: 30 Apr 2025 19:25

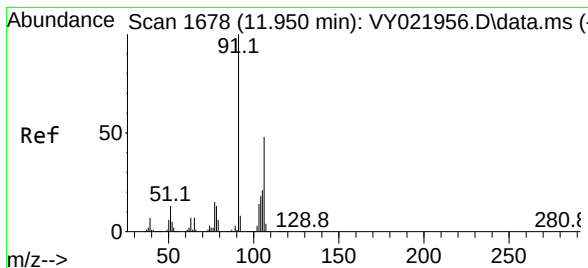
Tgt Ion:106 Resp: 622156

Ion Ratio Lower Upper

106 100

91 195.5 156.2 234.2

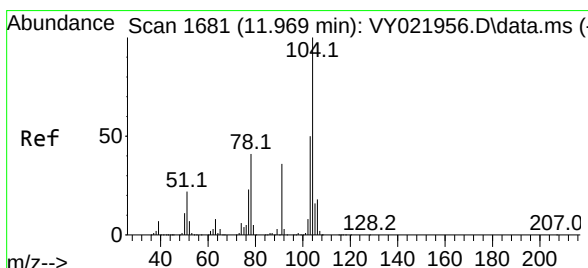
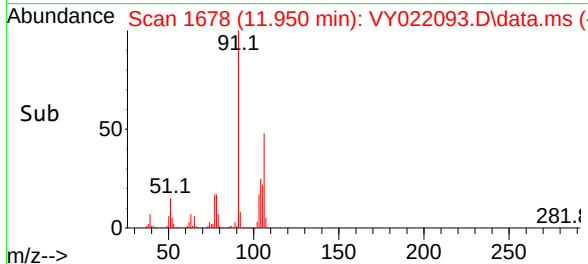
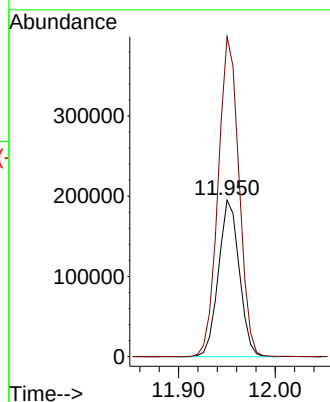
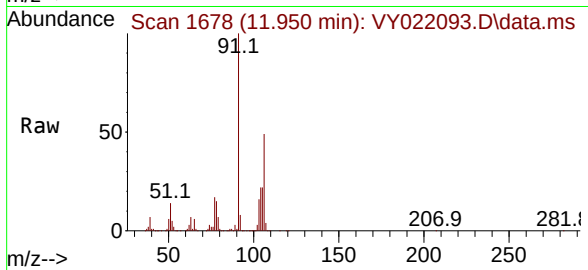




#69
o-Xylene
Concen: 52.505 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

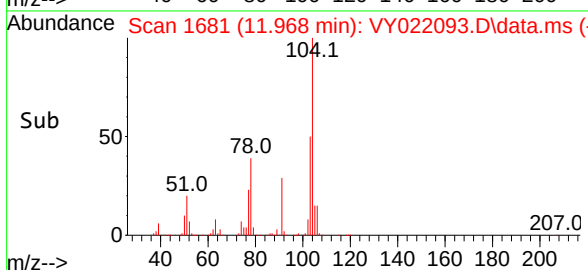
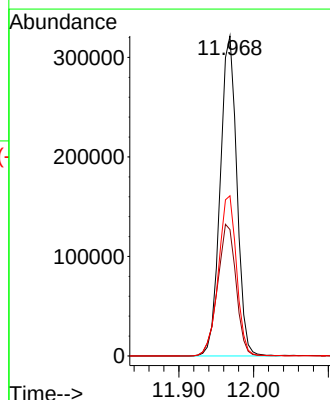
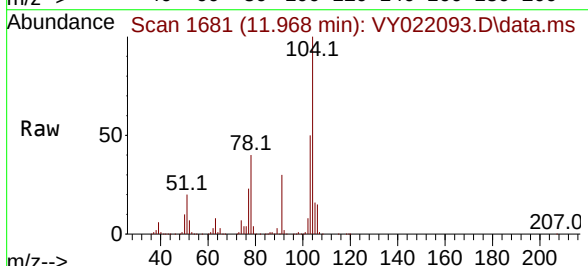
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

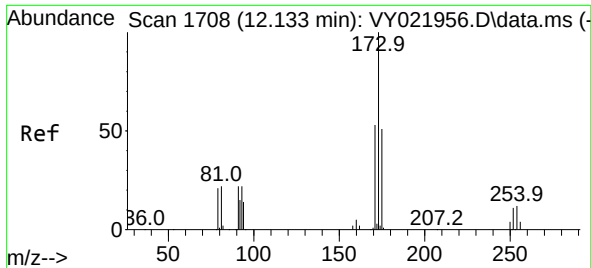
Tgt Ion:106 Resp: 291176
Ion Ratio Lower Upper
106 100
91 205.3 103.0 308.9



#70
Styrene
Concen: 53.759 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion:104 Resp: 500569
Ion Ratio Lower Upper
104 100
78 45.6 36.6 54.8
103 54.5 43.8 65.8

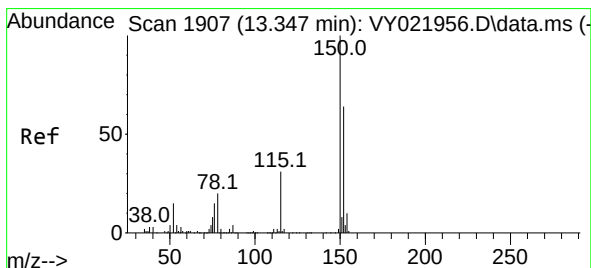
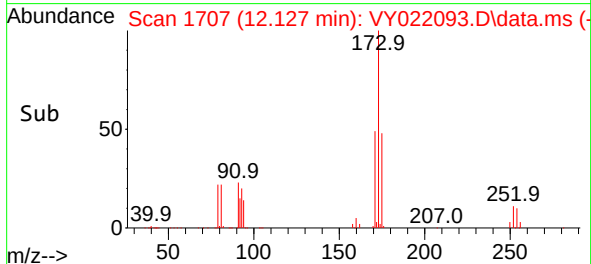
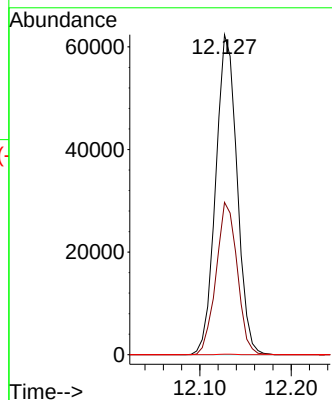
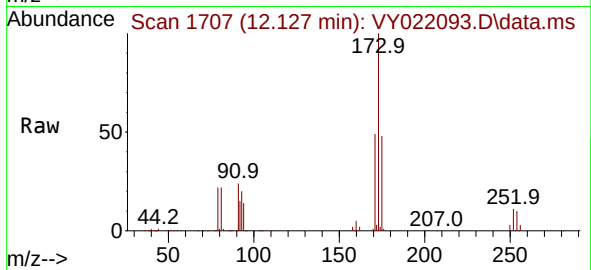




#71
Bromoform
Concen: 53.441 ug/l
RT: 12.127 min Scan# 1707
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

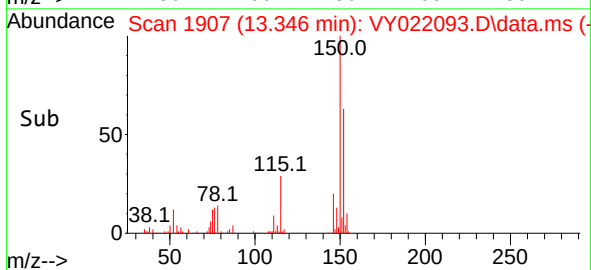
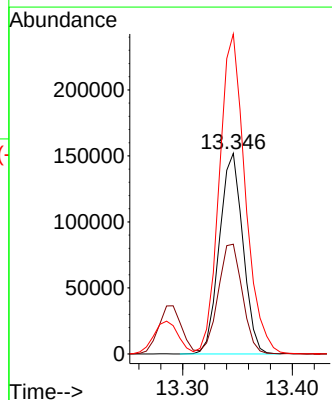
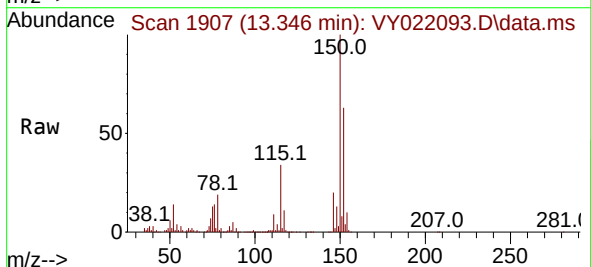
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

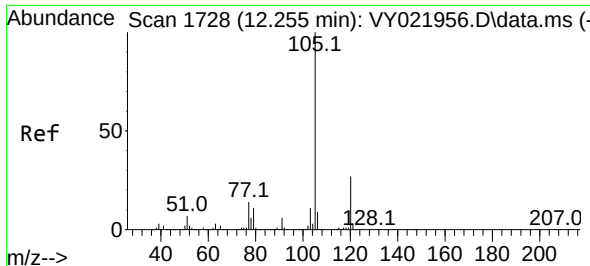
Tgt Ion:173 Resp: 101109
Ion Ratio Lower Upper
173 100
175 47.2 24.3 72.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion:152 Resp: 226802
Ion Ratio Lower Upper
152 100
115 56.4 28.0 84.0
150 175.4 0.0 345.6

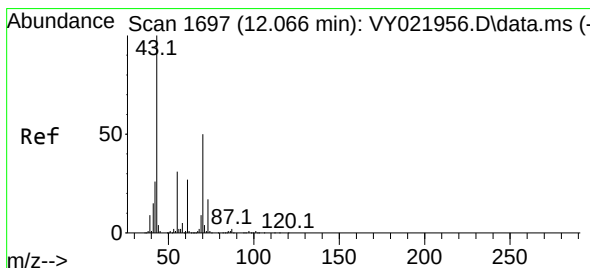
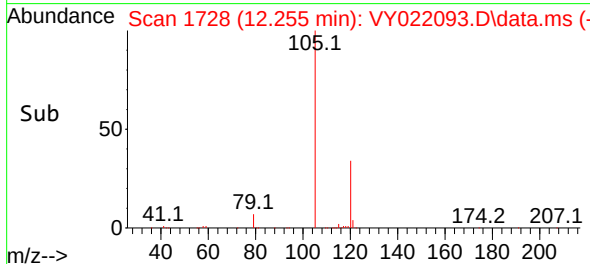
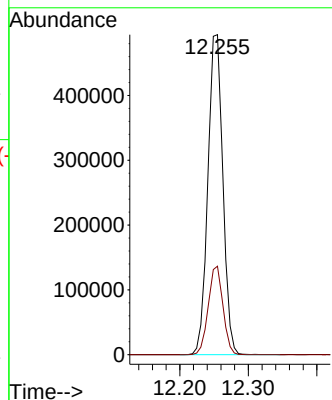
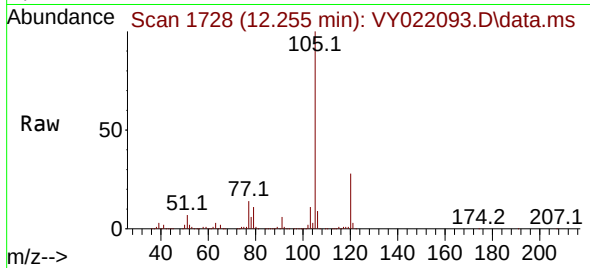




#73
Isopropylbenzene
Concen: 49.631 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

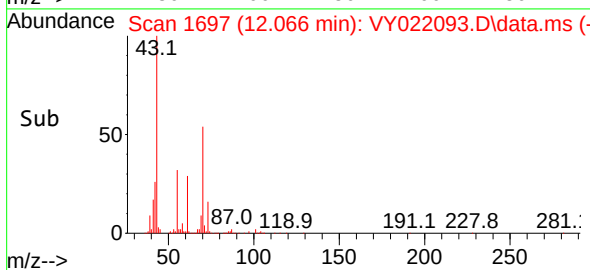
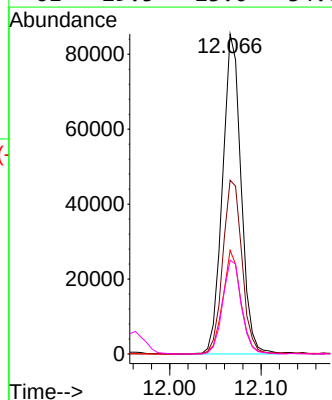
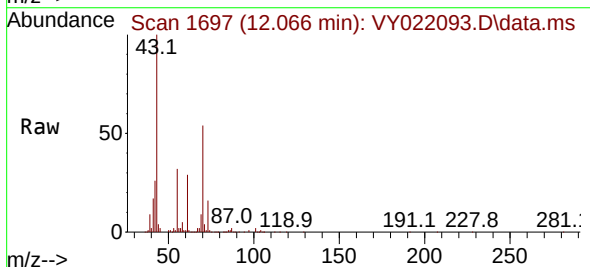
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

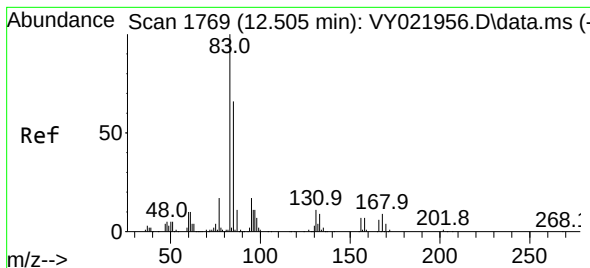
Tgt Ion:105 Resp: 752047
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.5



#74
N-ethyl acetate
Concen: 46.307 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 43 Resp: 120555
Ion Ratio Lower Upper
43 100
70 56.5 43.2 64.8
55 31.7 25.7 38.5
61 29.5 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.903 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

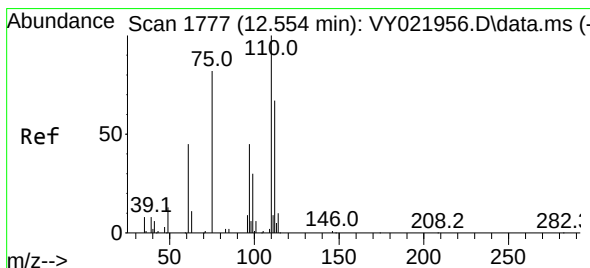
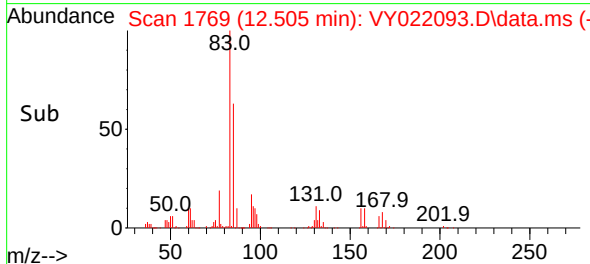
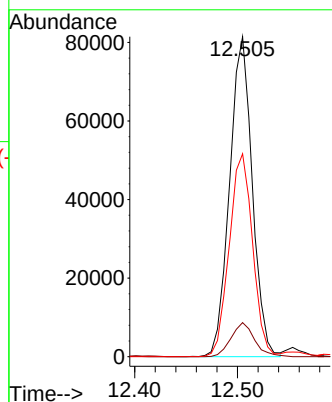
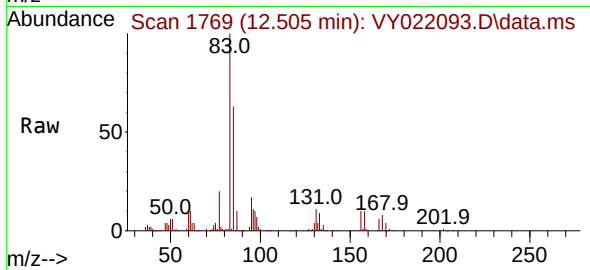
Tgt Ion: 83 Resp: 124934

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

85 65.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 82.363 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022093.D

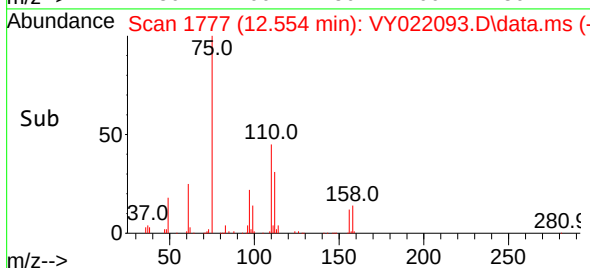
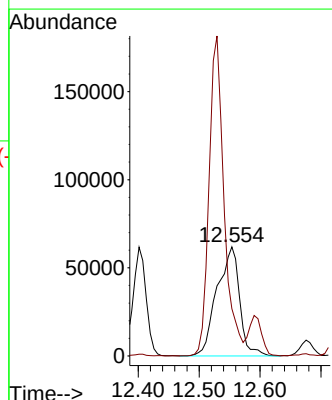
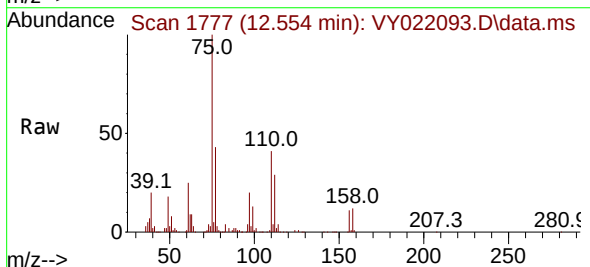
Acq: 30 Apr 2025 19:25

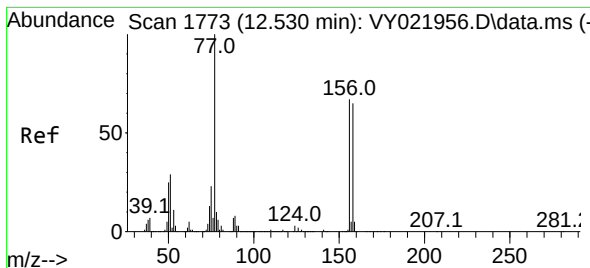
Tgt Ion: 75 Resp: 160005

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.825 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

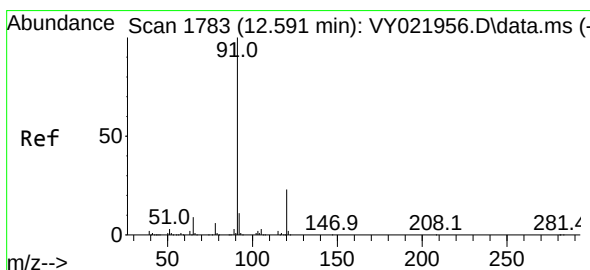
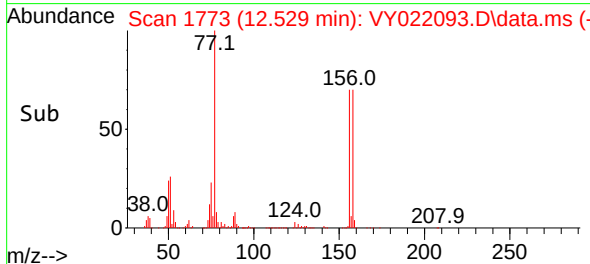
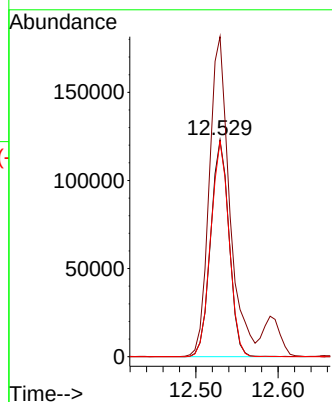
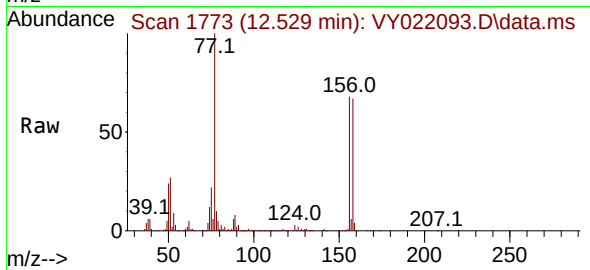
Tgt Ion:156 Resp: 190775

Ion Ratio Lower Upper

156 100

77 162.9 82.7 248.1

158 99.3 48.1 144.4



#78

n-propylbenzene

Concen: 48.936 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY022093.D

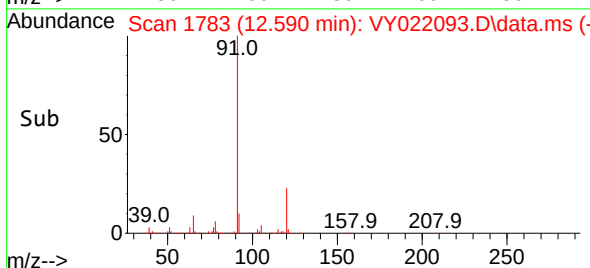
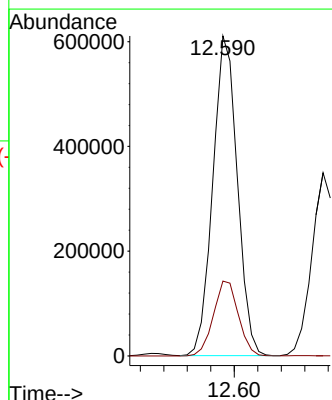
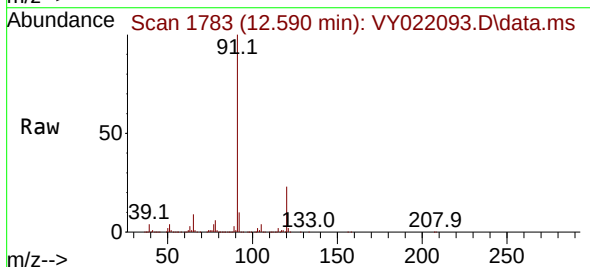
Acq: 30 Apr 2025 19:25

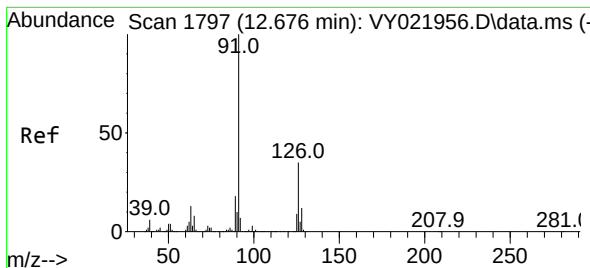
Tgt Ion: 91 Resp: 883060

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5

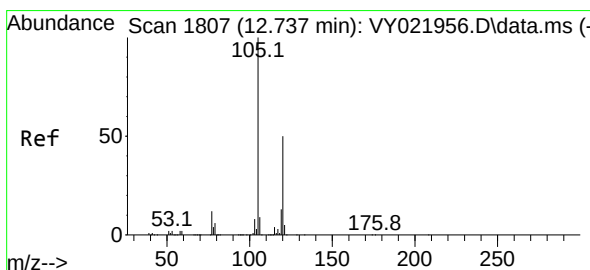
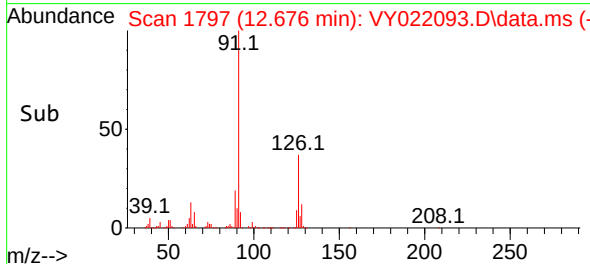
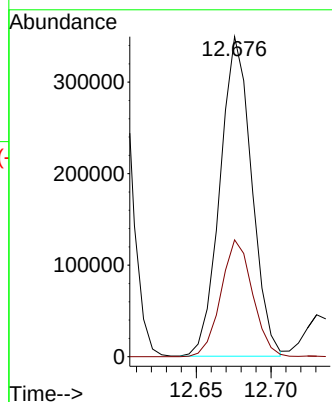
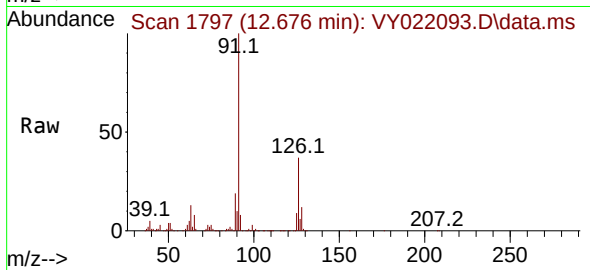




#79
2-Chlorotoluene
Concen: 48.949 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

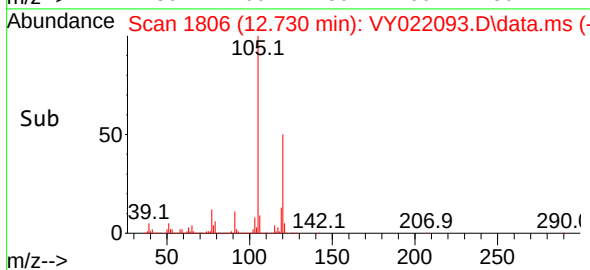
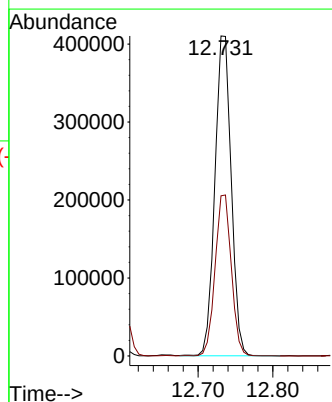
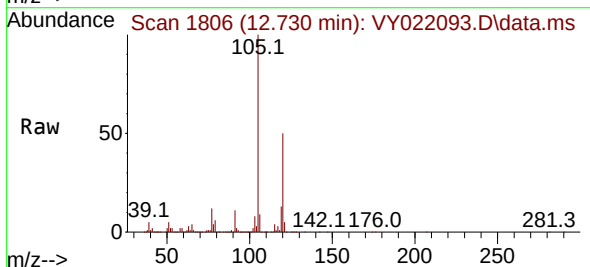
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

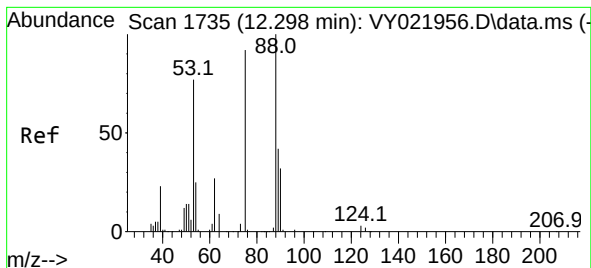
Tgt Ion: 91 Resp: 513695
Ion Ratio Lower Upper
91 100
126 36.5 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 49.993 ug/l
RT: 12.730 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 105 Resp: 624160
Ion Ratio Lower Upper
105 100
120 50.1 25.0 75.0

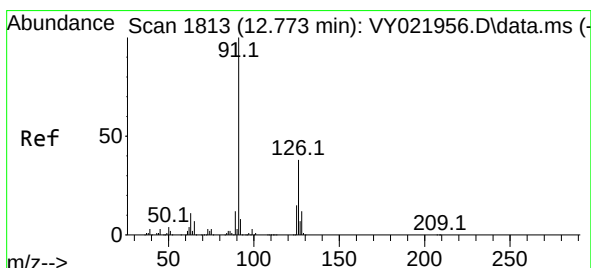
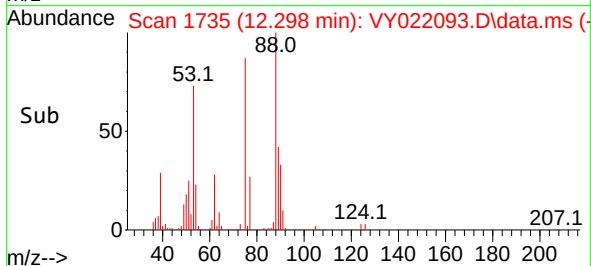
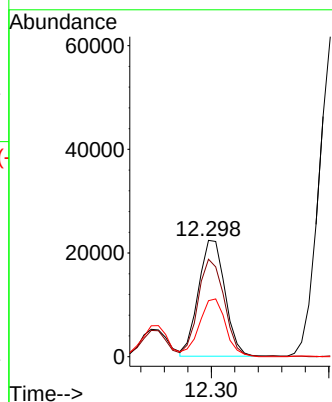
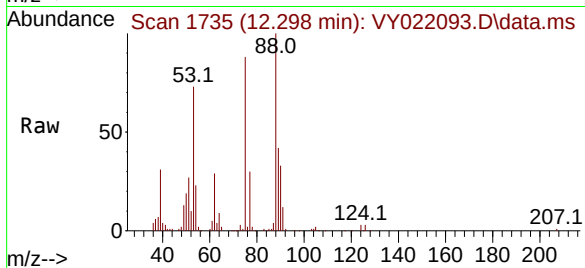




#81
trans-1,4-Dichloro-2-butene
Concen: 43.692 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

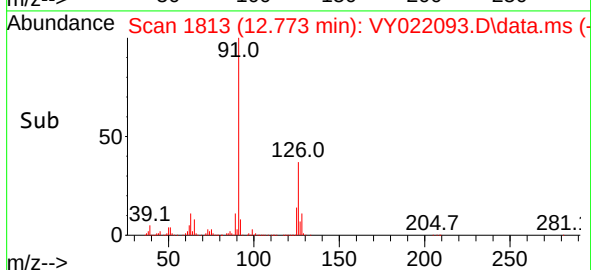
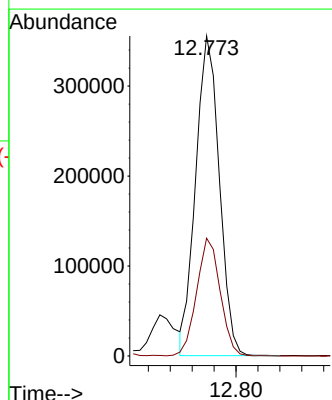
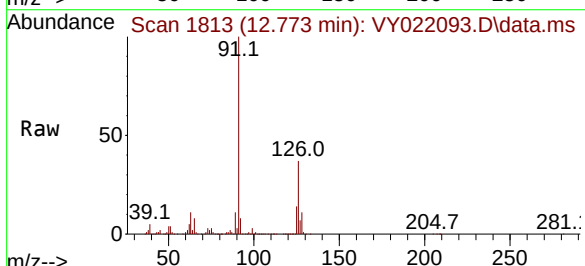
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

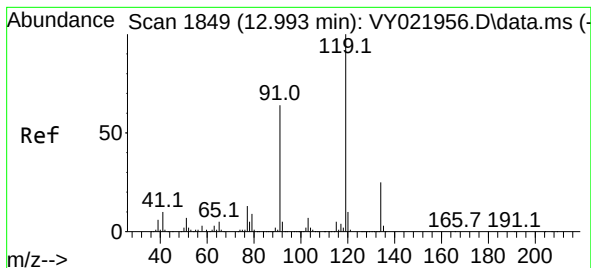
Tgt Ion: 75 Resp: 35247
Ion Ratio Lower Upper
75 100
53 83.7 66.0 99.0
89 49.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 48.749 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 91 Resp: 531810
Ion Ratio Lower Upper
91 100
126 36.8 17.9 53.8





#83

tert-Butylbenzene

Concen: 50.206 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

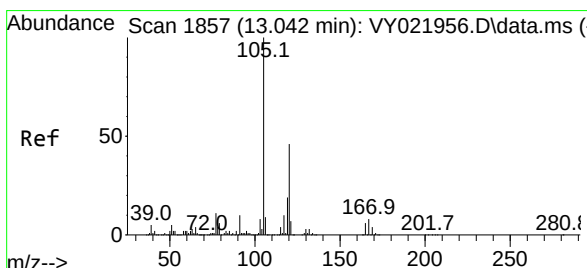
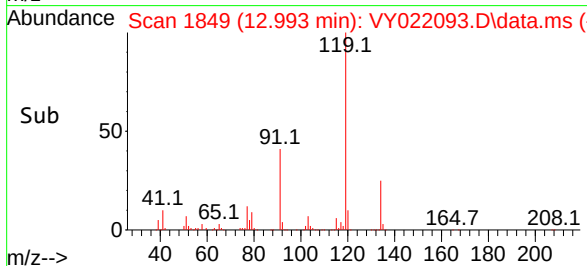
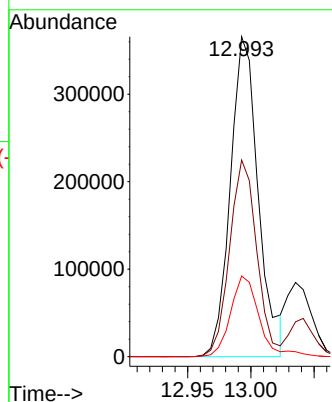
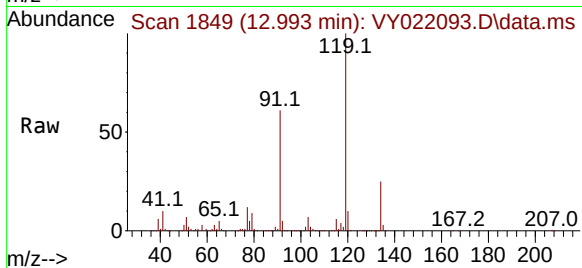
Tgt Ion:119 Resp: 562168

Ion Ratio Lower Upper

119 100

91 59.9 30.3 90.9

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 50.205 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022093.D

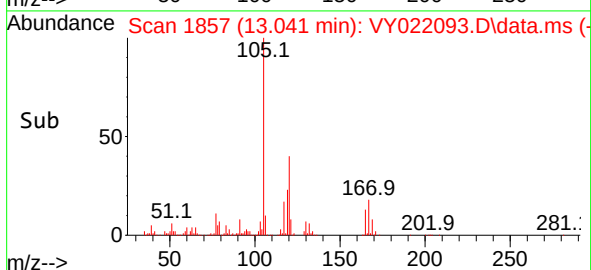
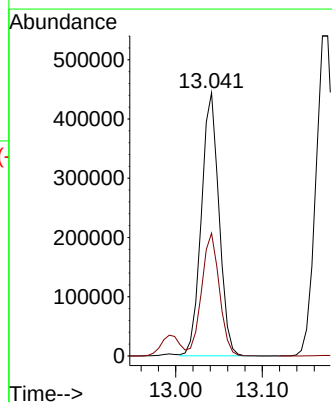
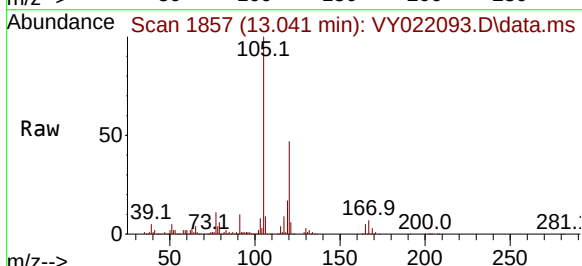
Acq: 30 Apr 2025 19:25

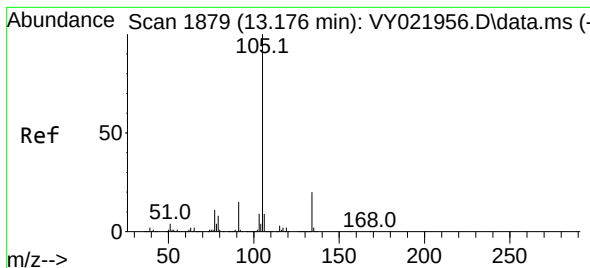
Tgt Ion:105 Resp: 626953

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 49.077 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

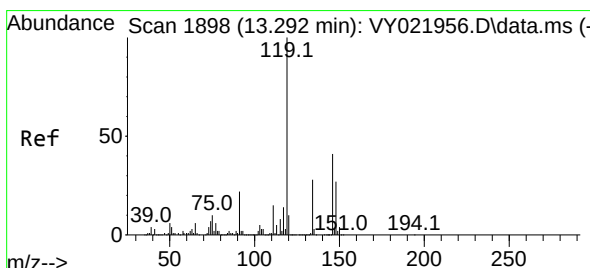
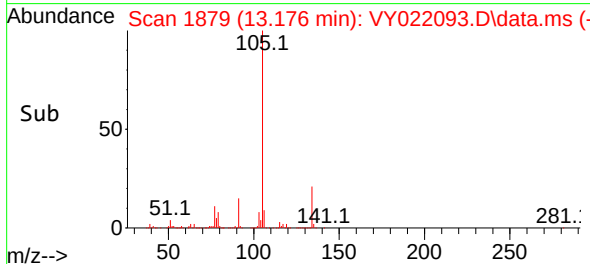
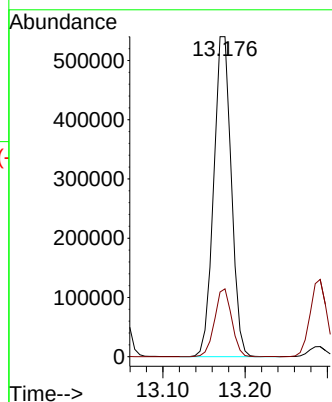
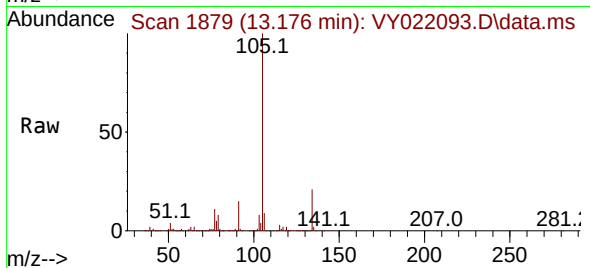
VSTDCCC050EC

Tgt Ion:105 Resp: 804127

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 49.067 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

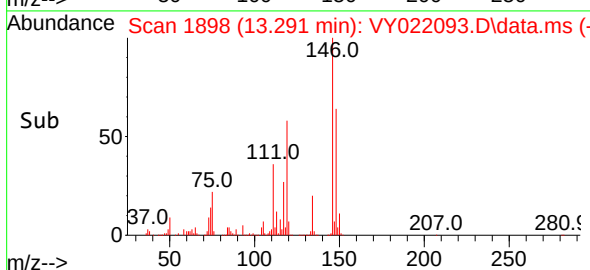
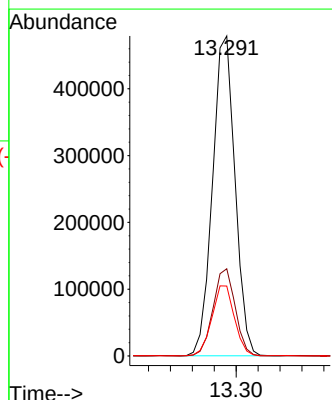
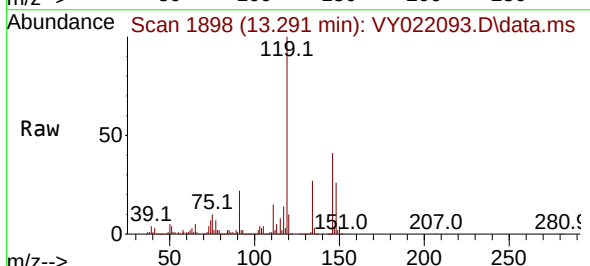
Tgt Ion:119 Resp: 682689

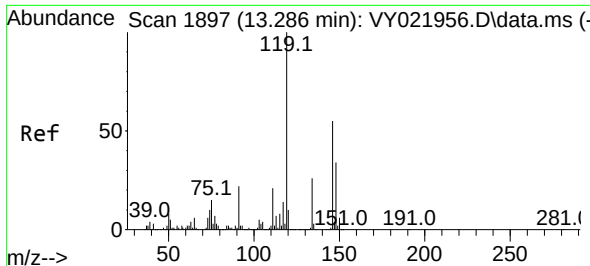
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.0 11.0 33.0

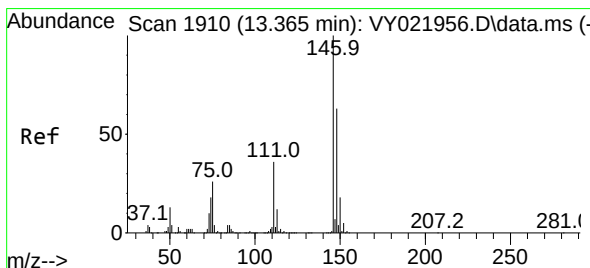
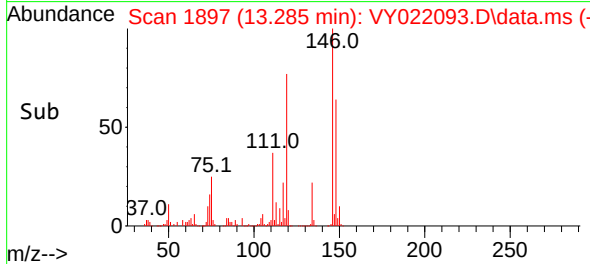
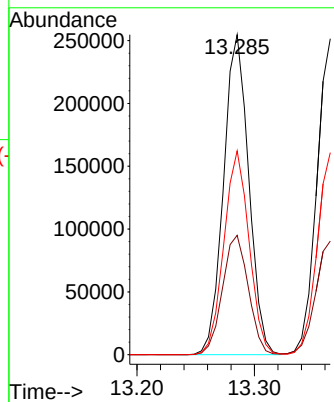
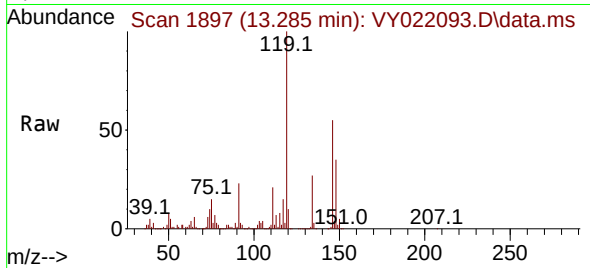




#87
 1,3-Dichlorobenzene
 Concen: 48.789 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022093.D
 Acq: 30 Apr 2025 19:25

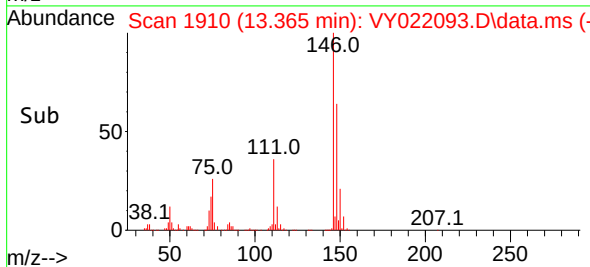
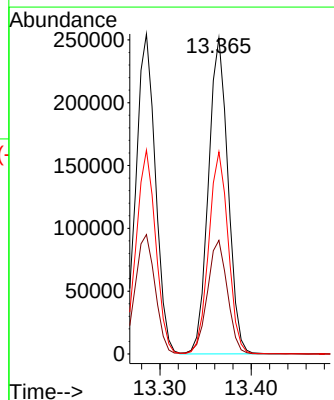
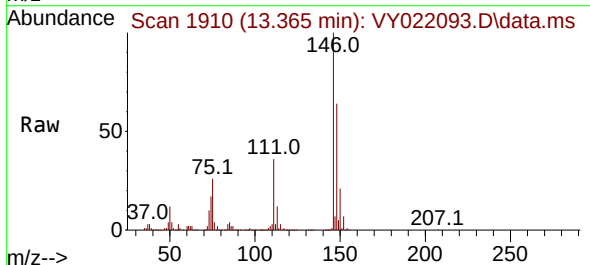
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

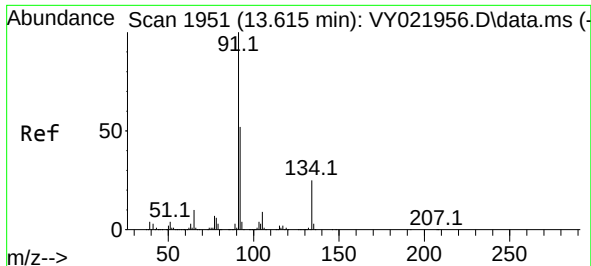
Tgt Ion:146 Resp: 379414
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.390 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022093.D
 Acq: 30 Apr 2025 19:25

Tgt Ion:146 Resp: 372692
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.2 57.6
 148 63.7 32.0 96.0

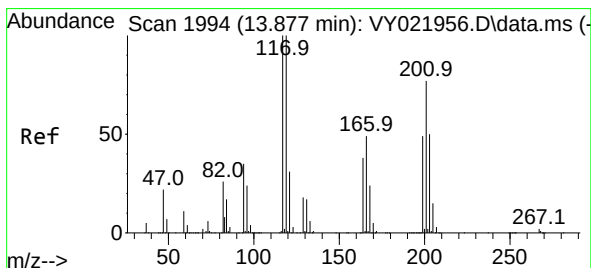
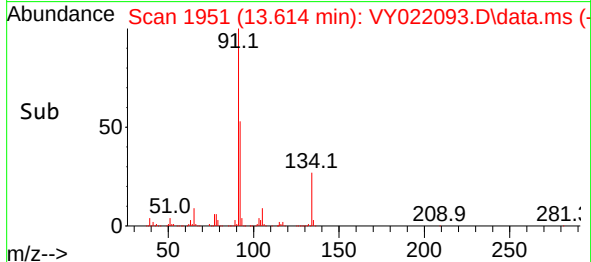
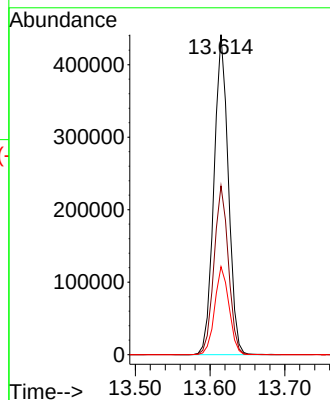
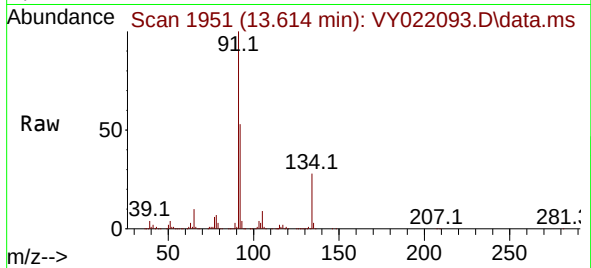




#89
n-Butylbenzene
Concen: 47.384 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

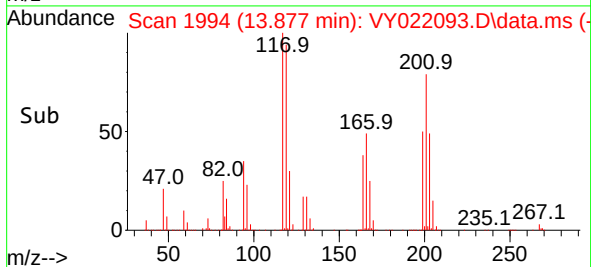
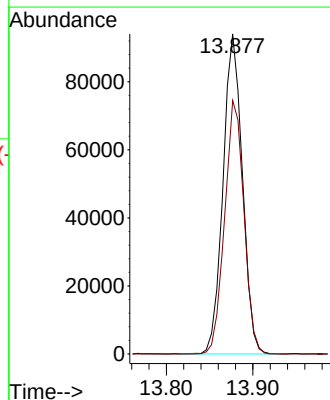
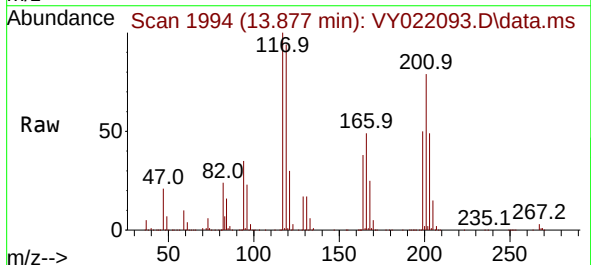
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

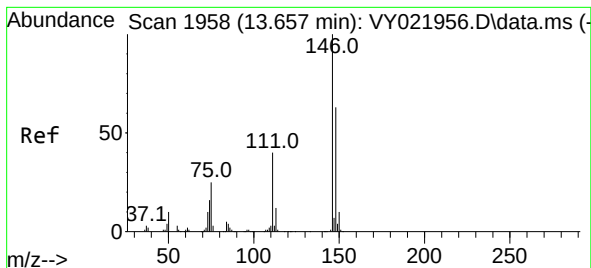
Tgt Ion: 91 Resp: 589280
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 27.4 13.4 40.1



#90
Hexachloroethane
Concen: 47.724 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022093.D
Acq: 30 Apr 2025 19:25

Tgt Ion: 117 Resp: 145885
Ion Ratio Lower Upper
117 100
201 79.0 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 49.546 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

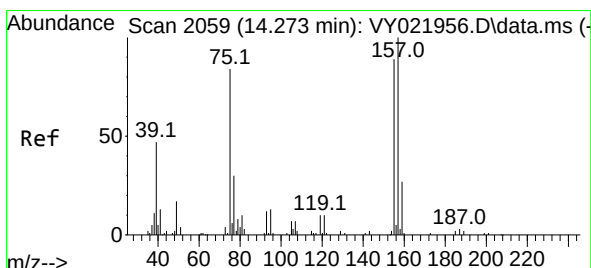
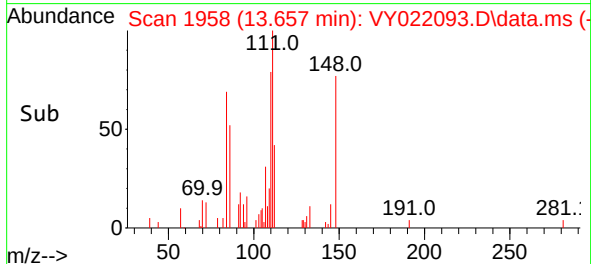
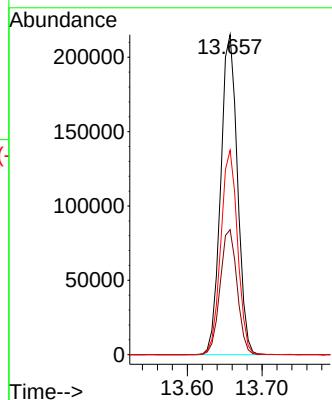
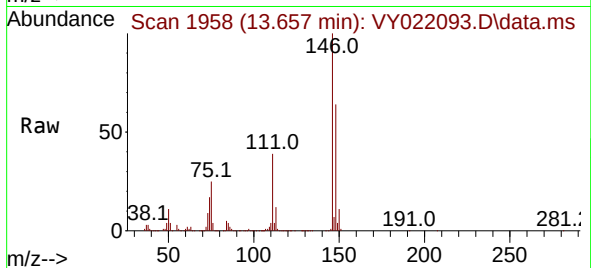
Tgt Ion:146 Resp: 336060

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.1

148 63.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.884 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

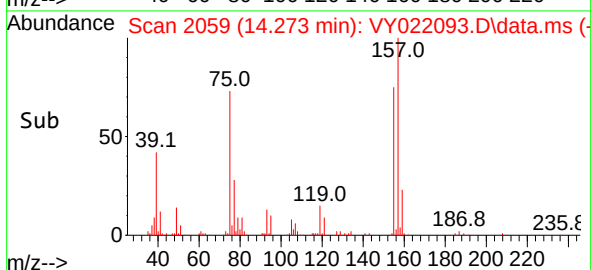
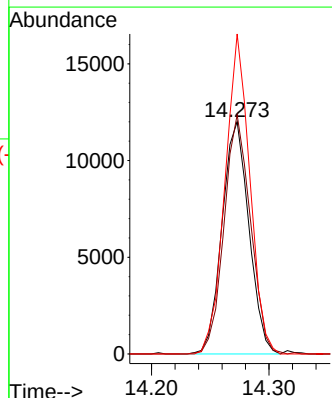
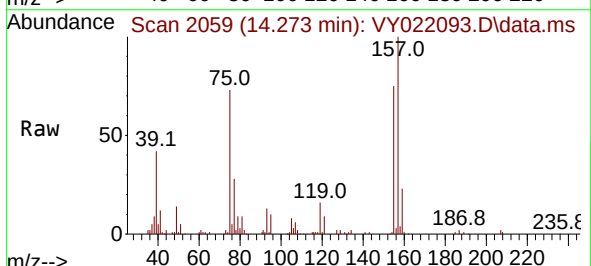
Tgt Ion: 75 Resp: 19056

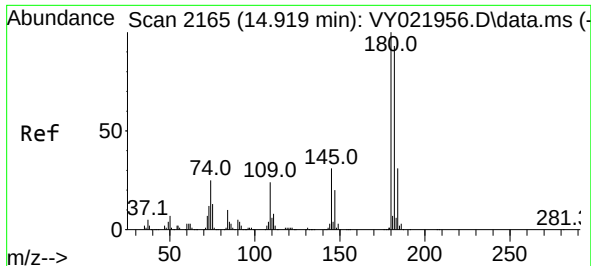
Ion Ratio Lower Upper

75 100

155 101.3 50.7 152.3

157 126.9 62.6 187.8

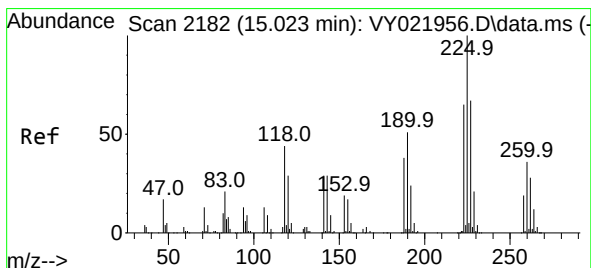
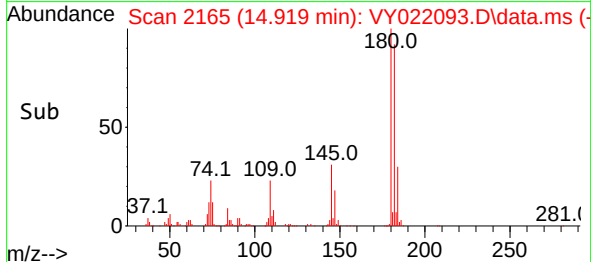
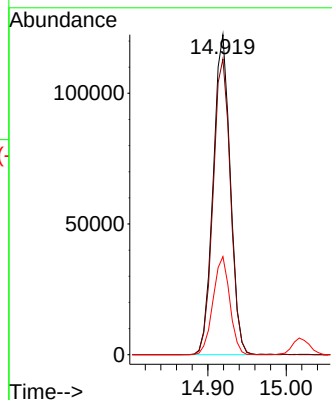
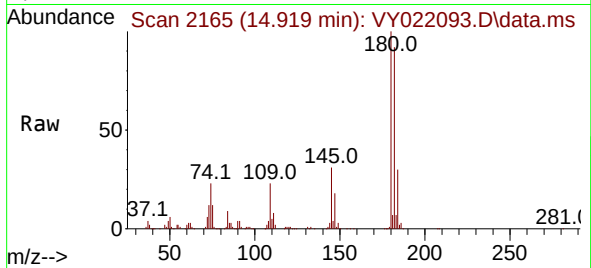




#93
 1,2,4-Trichlorobenzene
 Concen: 48.224 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022093.D
 Acq: 30 Apr 2025 19:25

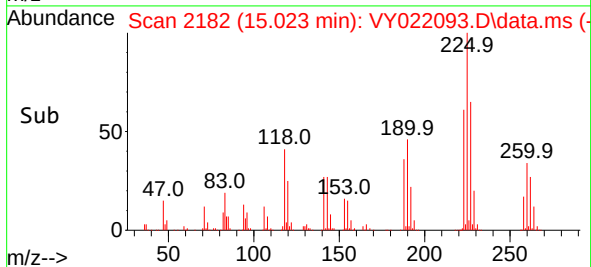
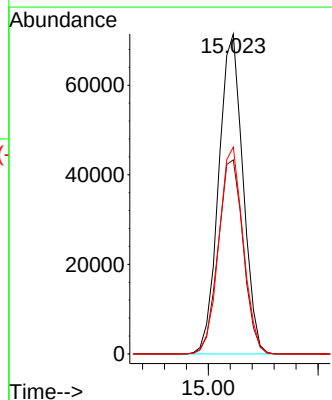
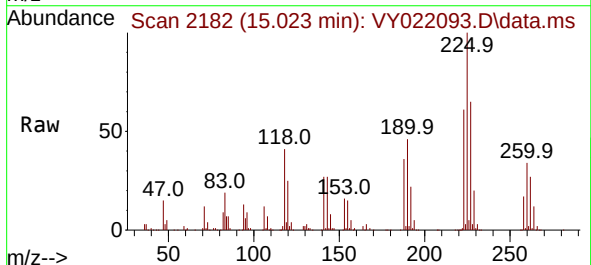
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

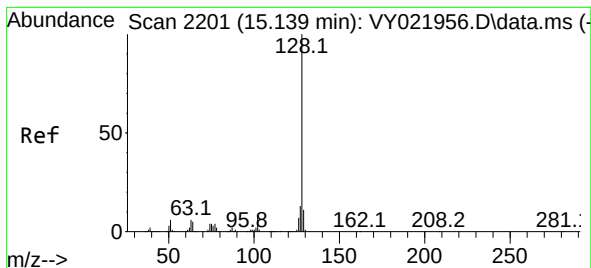
Tgt Ion:180 Resp: 185351
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.1 141.4
 145 30.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 46.383 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022093.D
 Acq: 30 Apr 2025 19:25

Tgt Ion:225 Resp: 109687
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.5
 227 64.6 32.3 96.9





#95

Naphthalene

Concen: 51.039 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

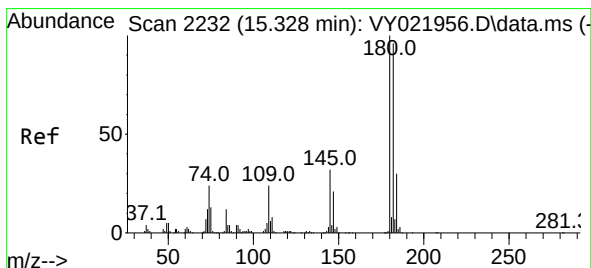
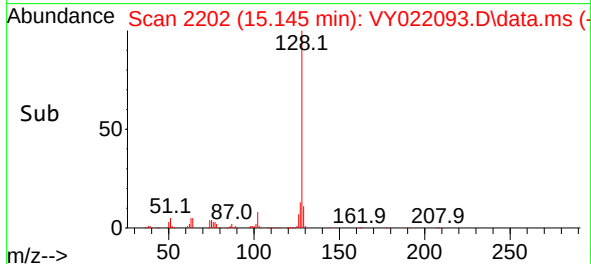
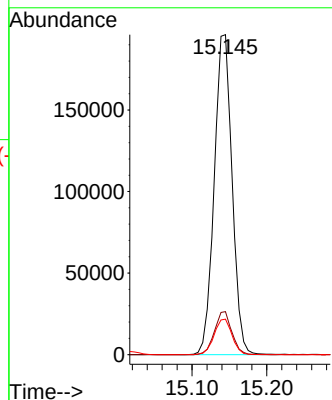
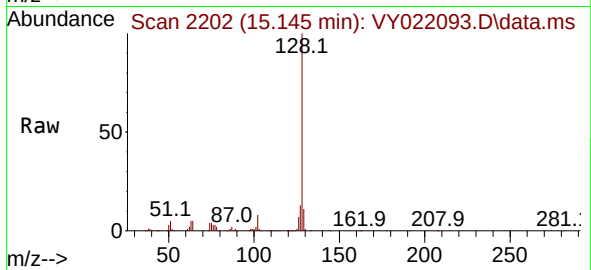
Tgt Ion:128 Resp: 325878

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.013 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022093.D

Acq: 30 Apr 2025 19:25

Tgt Ion:180 Resp: 162616

Ion Ratio Lower Upper

180 100

182 95.2 48.1 144.4

145 31.1 16.0 48.0

