

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022023.D
 Acq On : 28 Apr 2025 11:40
 Operator : SY/MD
 Sample : VY0428SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

Quant Time: Apr 29 03:52:27 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	288803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	451635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	223411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132035	49.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.634	113	151421	50.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.109	98	583457	51.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.408	95	191595	50.596	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	48288	19.622	ug/l	99
3) Chloromethane	2.068	50	75116	21.437	ug/l	98
4) Vinyl Chloride	2.202	62	89232	20.723	ug/l	99
5) Bromomethane	2.592	94	81308	21.917	ug/l	97
6) Chloroethane	2.733	64	62580	21.340	ug/l	96
7) Trichlorofluoromethane	3.056	101	117839	20.753	ug/l	97
8) Diethyl Ether	3.452	74	27886	18.869	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	62329	20.236	ug/l	100
10) Methyl Iodide	4.001	142	70226	19.692	ug/l	98
11) Tert butyl alcohol	4.879	59	13583	92.748	ug/l	98
12) 1,1-Dichloroethene	3.787	96	58220	20.279	ug/l	98
13) Acrolein	3.659	56	20550	78.181	ug/l	99
14) Allyl chloride	4.385	41	65780	19.677	ug/l	99
15) Acrylonitrile	5.068	53	50909	94.096	ug/l	98
16) Acetone	3.879	43	35815	88.799	ug/l	97
17) Carbon Disulfide	4.104	76	185314	20.244	ug/l	99
18) Methyl Acetate	4.385	43	24470	19.637	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	120777	18.795	ug/l	98
20) Methylene Chloride	4.616	84	67212	19.926	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	65512	20.375	ug/l	97
22) Diisopropyl ether	6.019	45	152261	20.467	ug/l	100
23) Vinyl Acetate	5.964	43	380442	94.888	ug/l	98
24) 1,1-Dichloroethane	5.915	63	105916	20.539	ug/l	97
25) 2-Butanone	6.903	43	54333	89.353	ug/l	100
26) 2,2-Dichloropropane	6.884	77	95622	21.157	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	71531	19.896	ug/l	97
28) Bromochloromethane	7.250	49	40600	20.270	ug/l	97
29) Tetrahydrofuran	7.262	42	36015	91.193	ug/l	98
30) Chloroform	7.421	83	120103	20.997	ug/l	100
31) Cyclohexane	7.701	56	85140	19.307	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	106620	20.603	ug/l	99
36) 1,1-Dichloropropene	7.835	75	79998	19.960	ug/l	99
37) Ethyl Acetate	6.982	43	27054	18.794	ug/l	97
38) Carbon Tetrachloride	7.817	117	100038	20.888	ug/l	99
39) Methylcyclohexane	9.110	83	96523	19.137	ug/l	99
40) Benzene	8.079	78	263141	21.003	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	14076	17.888	ug/l	96
42) 1,2-Dichloroethane	8.158	62	62844	20.260	ug/l	99
43) Isopropyl Acetate	8.195	43	51297	18.556	ug/l	98
44) Trichloroethene	8.866	130	72088	20.773	ug/l	98
45) 1,2-Dichloropropane	9.140	63	56336	20.333	ug/l	97
46) Dibromomethane	9.231	93	35005	20.183	ug/l	99
47) Bromodichloromethane	9.420	83	91024	21.008	ug/l	97
48) Methyl methacrylate	9.219	41	23485	18.377	ug/l	98
49) 1,4-Dioxane	9.238	88	6933	375.040	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	134511	92.823	ug/l	98
52) Toluene	10.170	92	171313	21.124	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	73313	19.727	ug/l	92
54) cis-1,3-Dichloropropene	9.859	75	89748	20.315	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	47358	20.441	ug/l	97
56) Ethyl methacrylate	10.439	69	47130	17.789	ug/l	98
57) 1,3-Dichloropropane	10.719	76	74512	20.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	117783	90.927	ug/l	100
59) 2-Hexanone	10.762	43	85959	89.933	ug/l	97
60) Dibromochloromethane	10.914	129	65617	20.457	ug/l	98
61) 1,2-Dibromoethane	11.018	107	43475	19.877	ug/l	100
64) Tetrachloroethene	10.646	164	82426	21.059	ug/l	98
65) Chlorobenzene	11.438	112	190217	20.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	67377	20.626	ug/l	99
67) Ethyl Benzene	11.518	91	304126	20.037	ug/l	99
68) m/p-Xylenes	11.627	106	248981	41.224	ug/l	99
69) o-Xylene	11.957	106	112465	20.203	ug/l	98
70) Styrene	11.969	104	188696	20.189	ug/l	100
71) Bromoform	12.133	173	38669	20.361	ug/l #	98
73) Isopropylbenzene	12.255	105	290455	19.459	ug/l	100
74) N-amyl acetate	12.072	43	43553	16.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	48206	19.156	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62606	32.716	ug/l #	100
77) Bromobenzene	12.536	156	75728	20.078	ug/l	99
78) n-propylbenzene	12.597	91	354794	19.960	ug/l	100
79) 2-Chlorotoluene	12.682	91	207565	20.079	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	245588	19.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14640	18.423	ug/l	97
82) 4-Chlorotoluene	12.780	91	221042	20.569	ug/l	100
83) tert-Butylbenzene	12.999	119	215151	19.506	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	245925	19.992	ug/l	99
85) sec-Butylbenzene	13.176	105	318603	19.740	ug/l	99
86) p-Isopropyltoluene	13.292	119	270778	19.757	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	154240	20.135	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	151928	20.025	ug/l	99
89) n-Butylbenzene	13.615	91	231179	18.871	ug/l	99
90) Hexachloroethane	13.877	117	60020	19.932	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	133112	19.923	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6676	16.675	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	69955	18.477	ug/l	99
94) Hexachlorobutadiene	15.023	225	46027	19.759	ug/l	96
95) Naphthalene	15.145	128	102709	16.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	60052	18.375	ug/l	99

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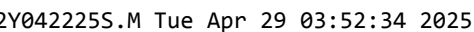
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

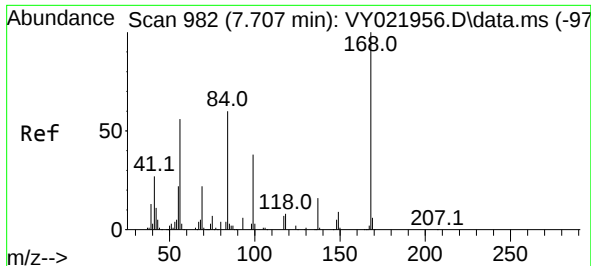
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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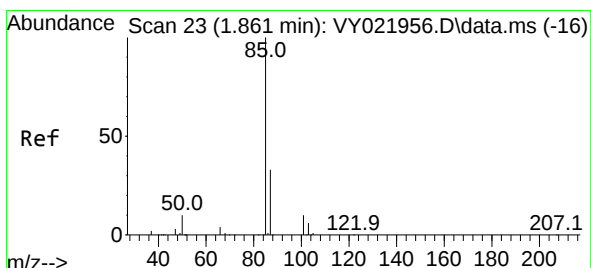
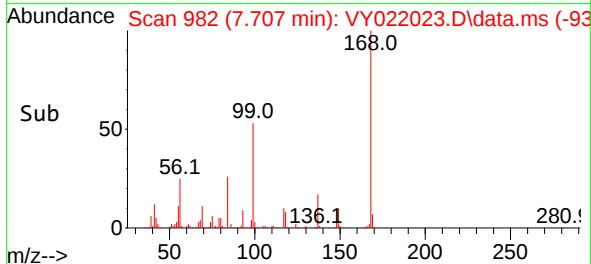
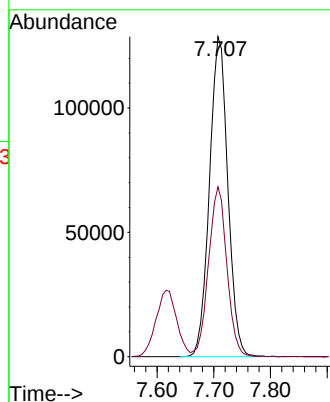
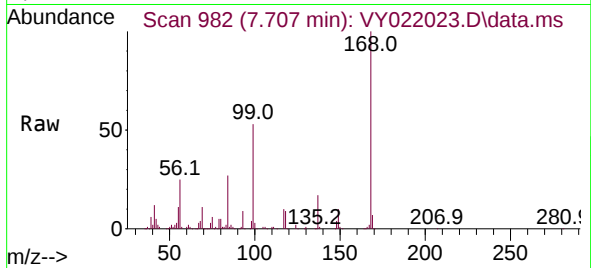




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

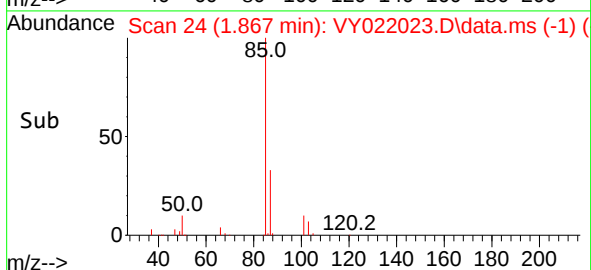
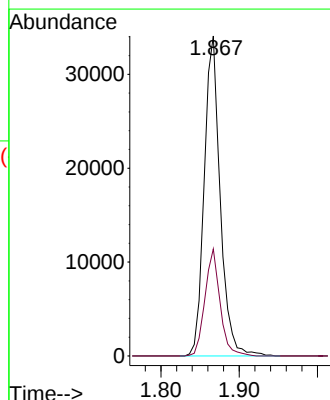
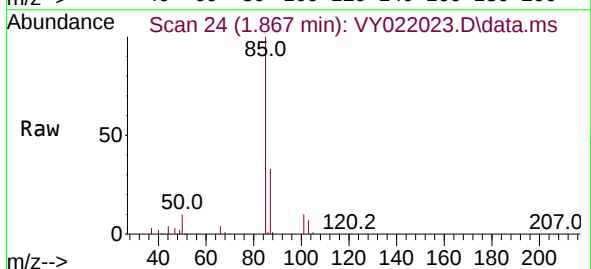
Instrument :
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ClientSampleId :
VY0428SBS01

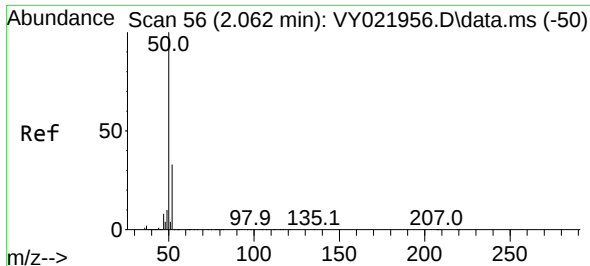
Tgt Ion:168 Resp: 288803
Ion Ratio Lower Upper
168 100
99 53.0 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.622 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 85 Resp: 48288
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.7

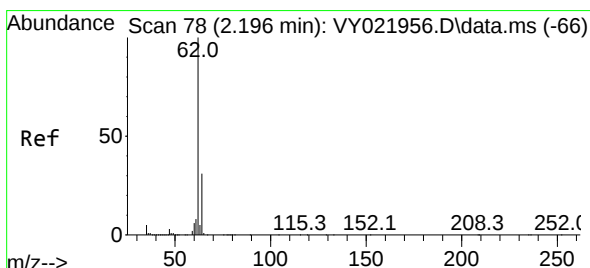
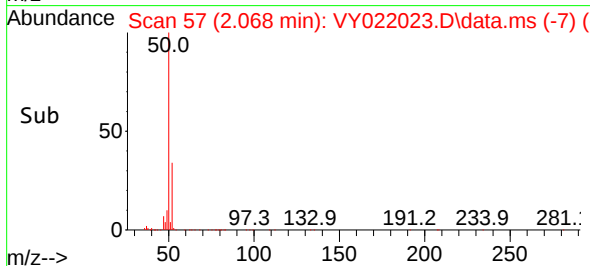
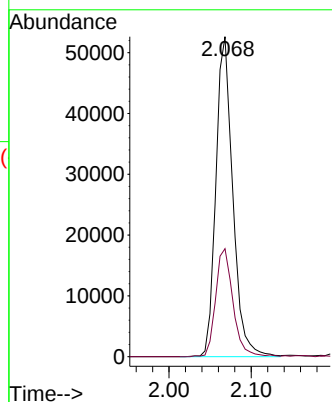
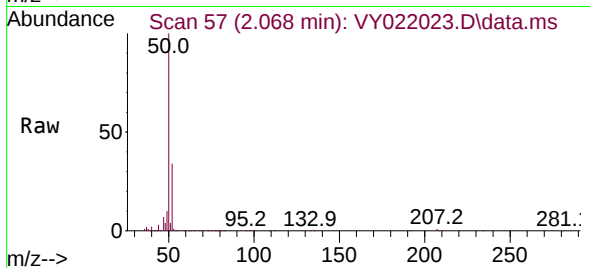




#3
Chloromethane
Concen: 21.437 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

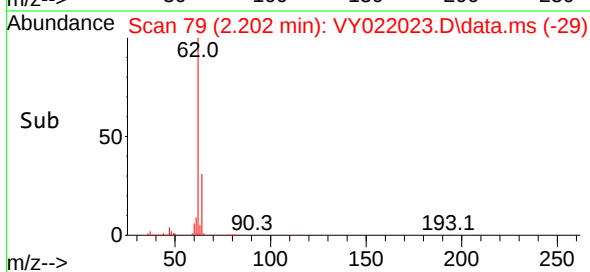
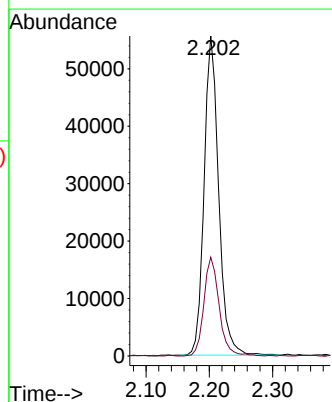
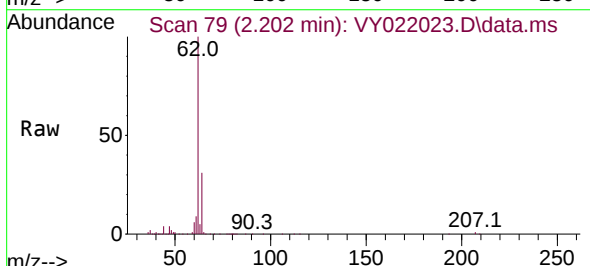
Instrument :
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ClientSampleId :
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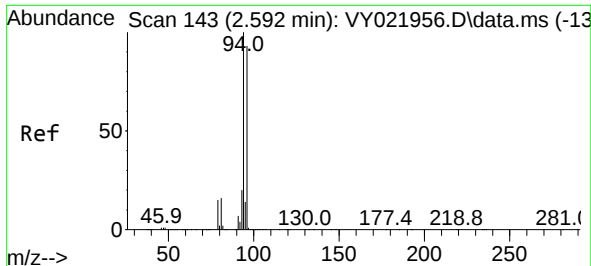
Tgt Ion: 50 Resp: 75116
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1



#4
Vinyl Chloride
Concen: 20.723 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 62 Resp: 89232
Ion Ratio Lower Upper
62 100
64 30.9 25.1 37.7

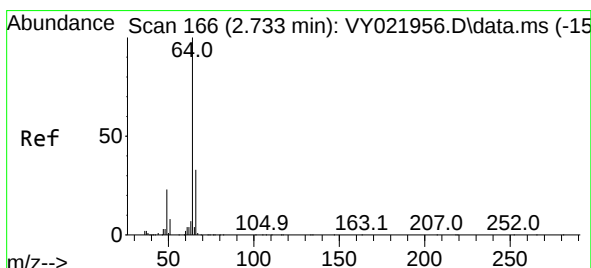
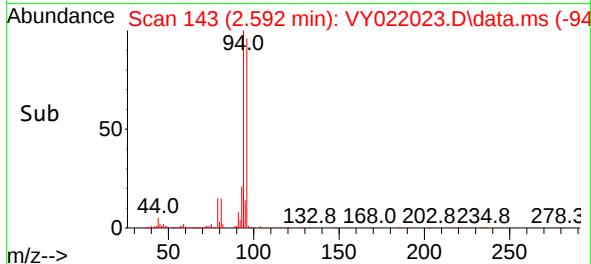
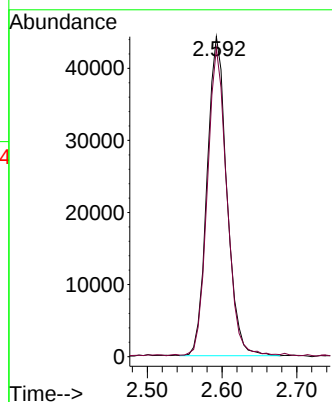
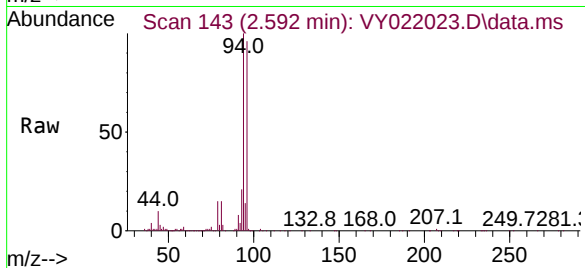




#5
Bromomethane
Concen: 21.917 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

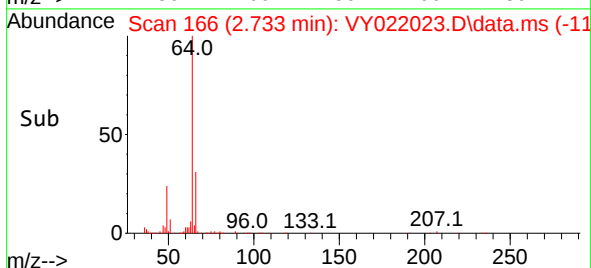
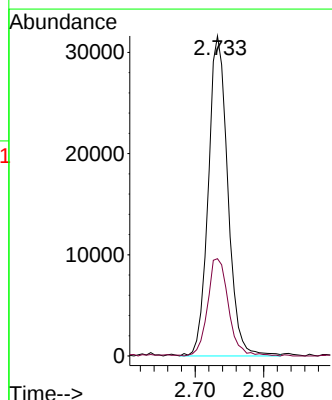
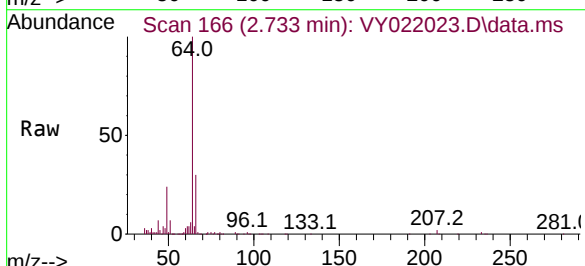
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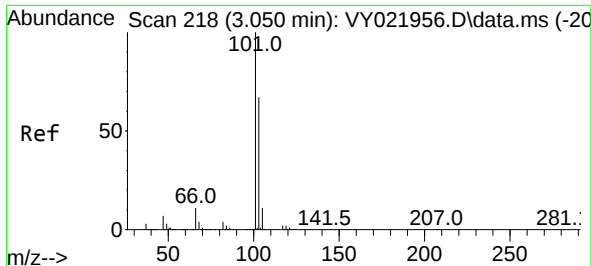
Tgt Ion: 94 Resp: 81308
Ion Ratio Lower Upper
94 100
96 96.2 74.6 111.8



#6
Chloroethane
Concen: 21.340 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 64 Resp: 62580
Ion Ratio Lower Upper
64 100
66 30.4 26.2 39.4

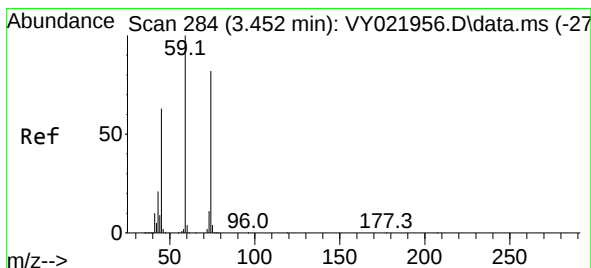
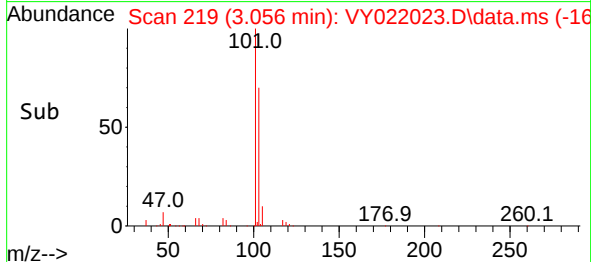
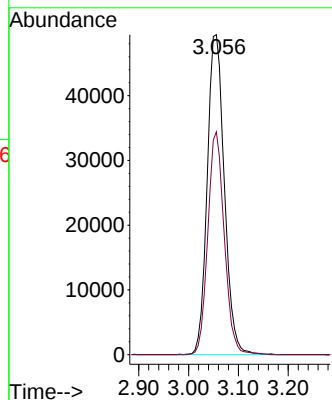
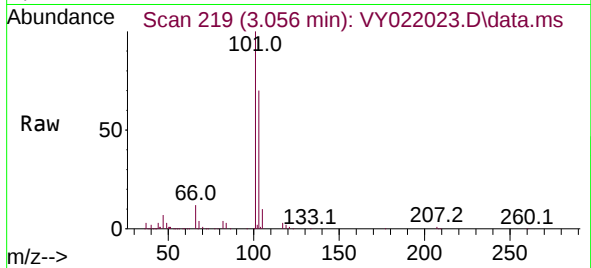




#7
 Trichlorofluoromethane
 Concen: 20.753 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

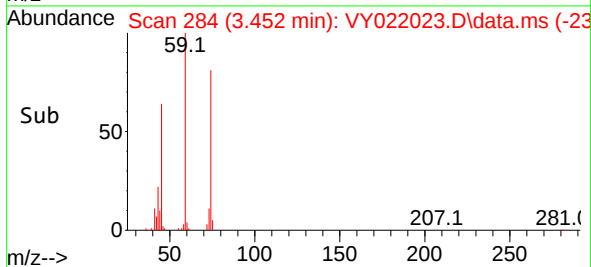
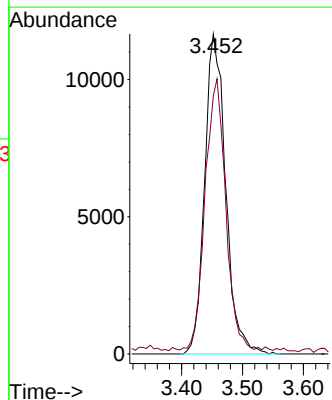
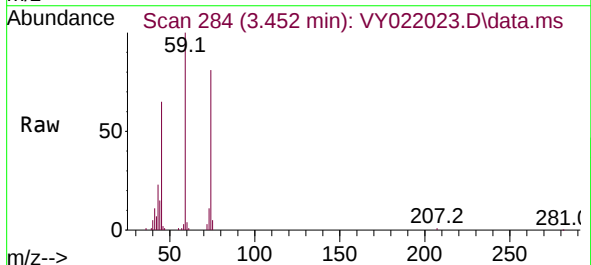
Instrument :
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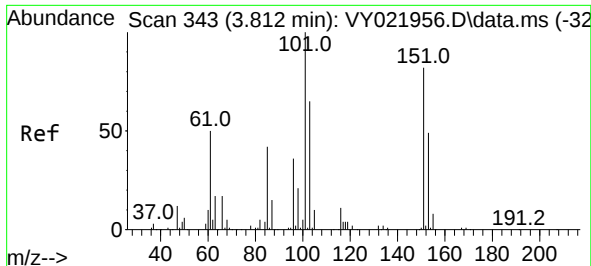
Tgt Ion:101 Resp: 117839
 Ion Ratio Lower Upper
 101 100
 103 69.6 53.6 80.4



#8
 Diethyl Ether
 Concen: 18.869 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

Tgt Ion: 74 Resp: 27886
 Ion Ratio Lower Upper
 74 100
 45 82.9 39.1 117.5

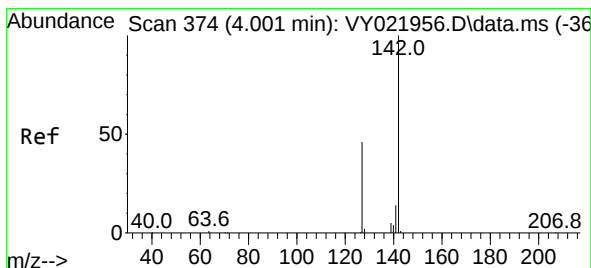
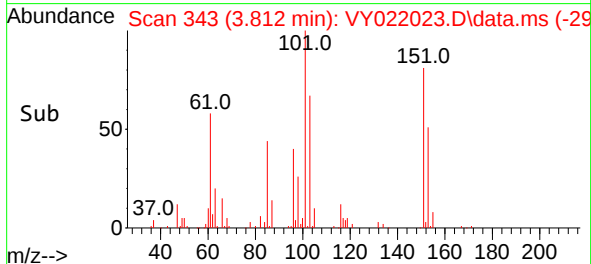
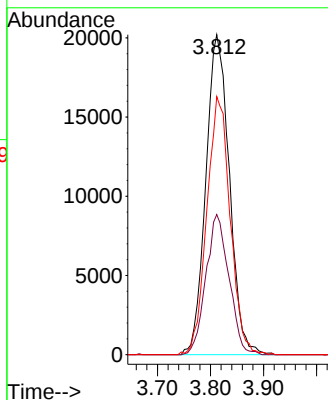
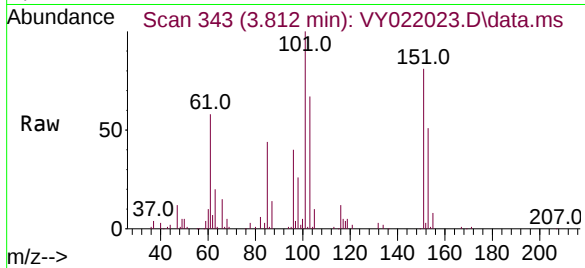




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.236 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

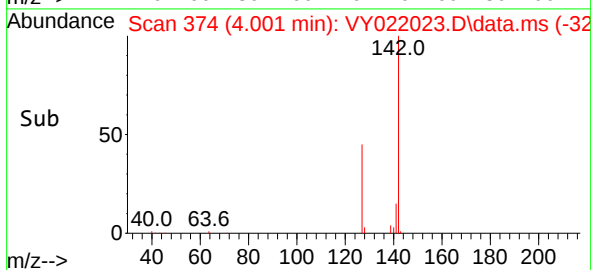
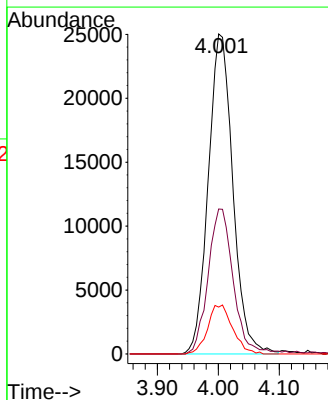
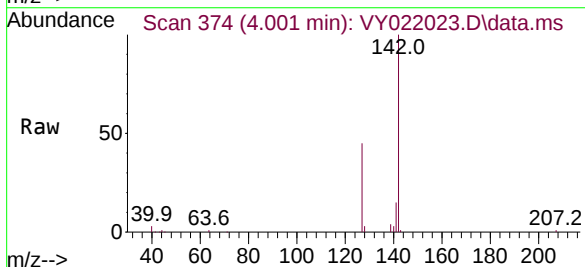
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

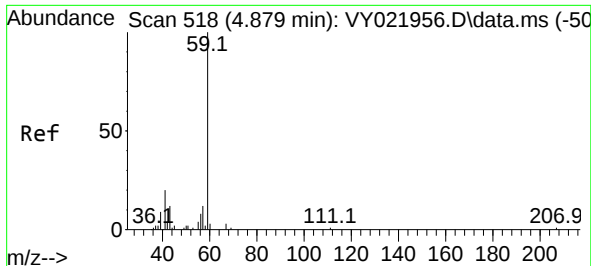
Tgt Ion:101 Resp: 62329
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 80.1 63.7 95.5



#10
Methyl Iodide
Concen: 19.692 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion:142 Resp: 70226
Ion Ratio Lower Upper
142 100
127 46.5 36.2 54.2
141 15.5 11.7 17.5

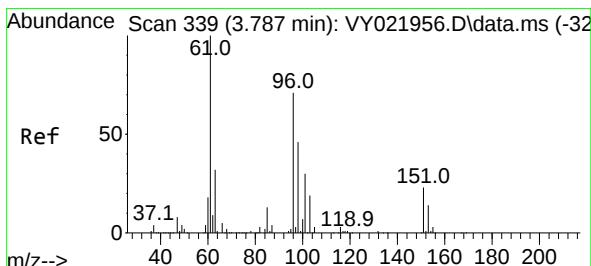
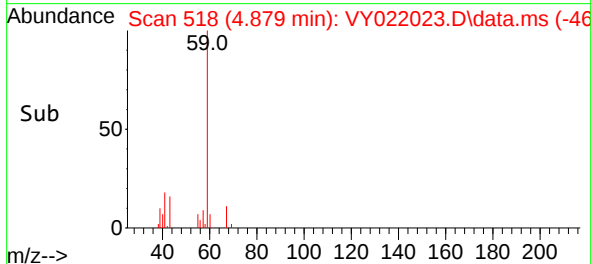
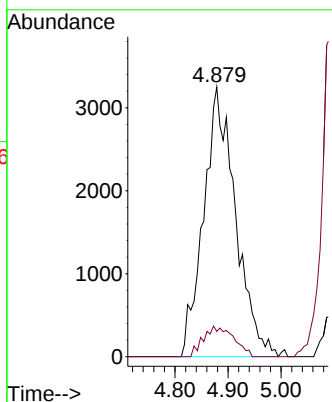
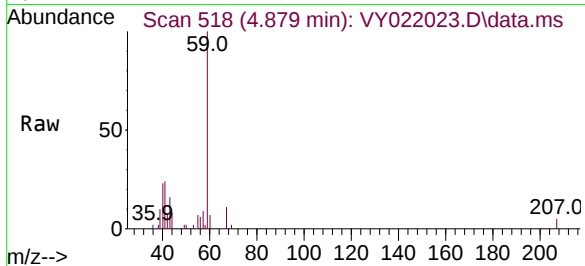




#11
Tert butyl alcohol
Concen: 92.748 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

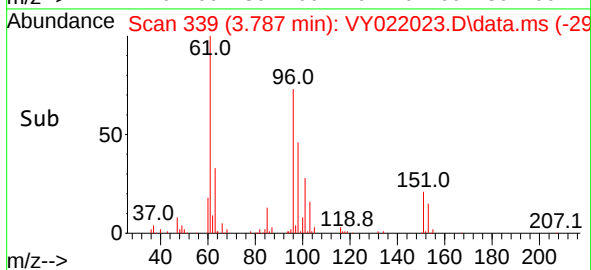
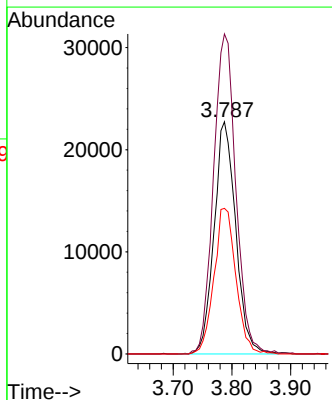
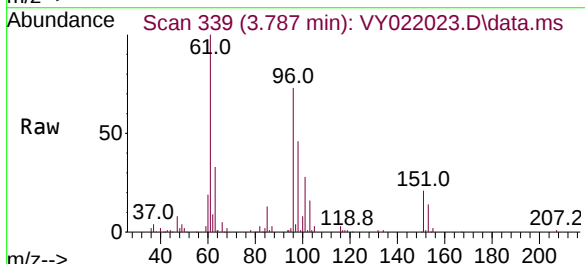
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

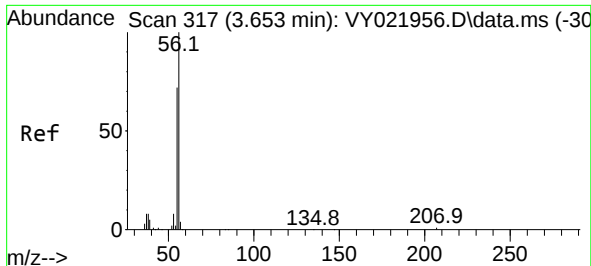
Tgt Ion: 59 Resp: 13583
Ion Ratio Lower Upper
59 100
57 10.7 9.3 13.9



#12
1,1-Dichloroethene
Concen: 20.279 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 96 Resp: 58220
Ion Ratio Lower Upper
96 100
61 137.9 113.0 169.4
98 62.8 51.4 77.2





#13

Acrolein

Concen: 78.181 ug/l

RT: 3.659 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

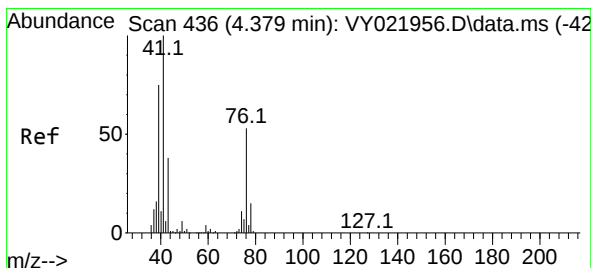
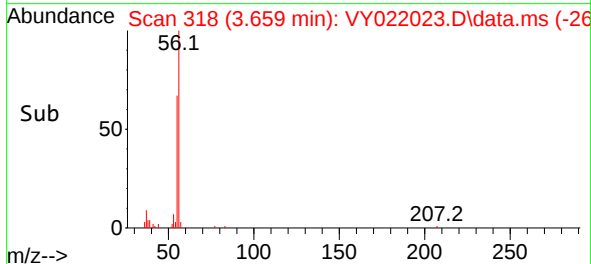
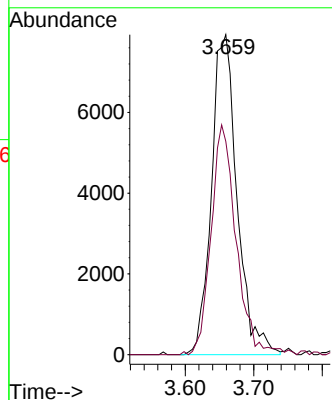
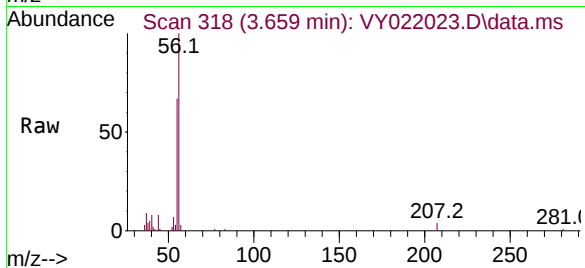
VY0428SBS01

Tgt Ion: 56 Resp: 20550

Ion Ratio Lower Upper

56 100

55 70.5 57.4 86.0



#14

Allyl chloride

Concen: 19.677 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

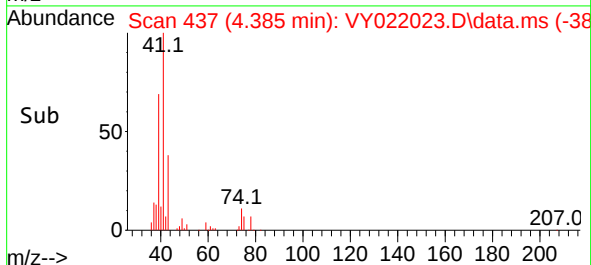
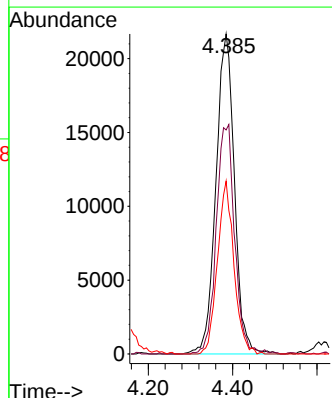
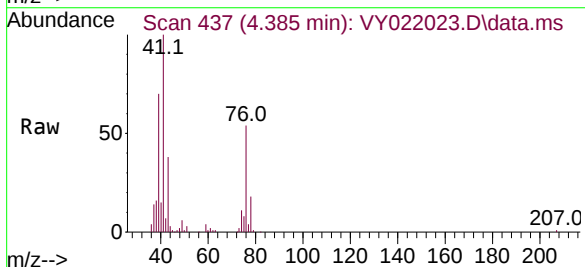
Tgt Ion: 41 Resp: 65780

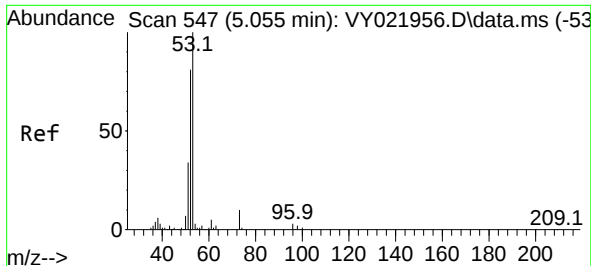
Ion Ratio Lower Upper

41 100

39 71.3 57.2 85.8

76 48.2 39.7 59.5

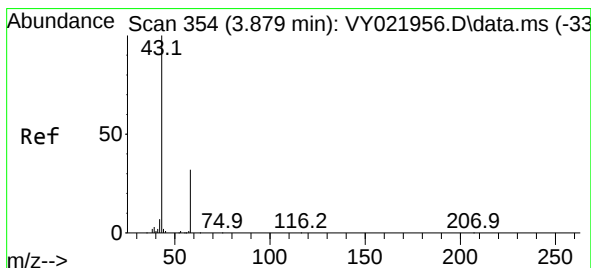
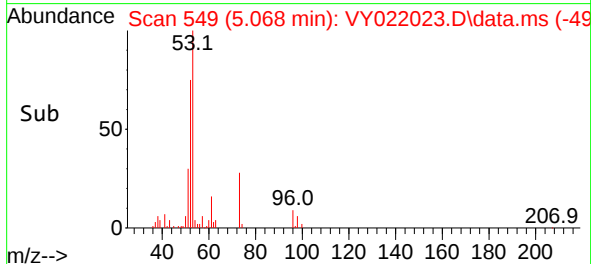
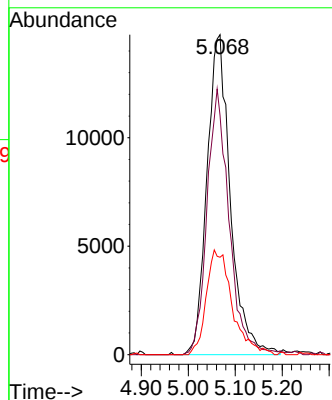
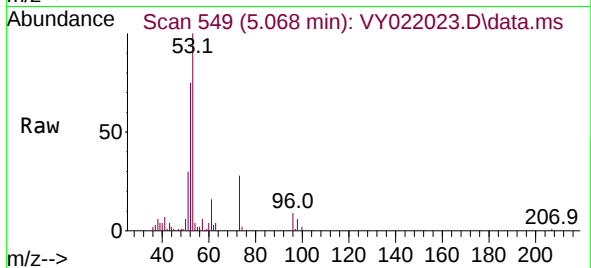




#15
Acrylonitrile
Concen: 94.096 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

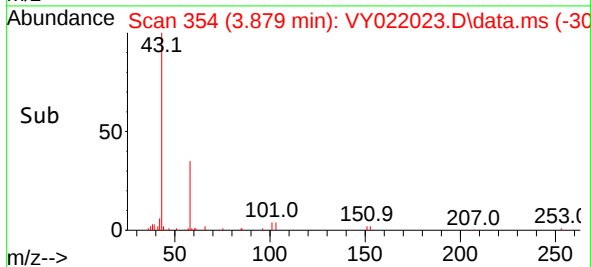
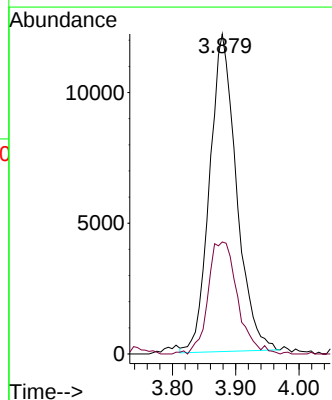
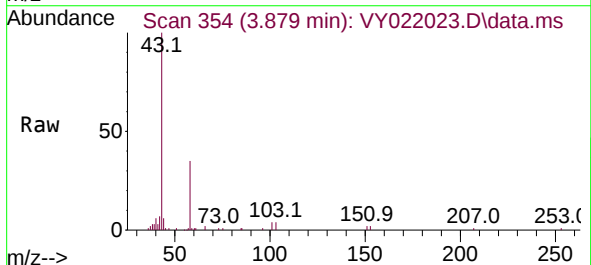
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

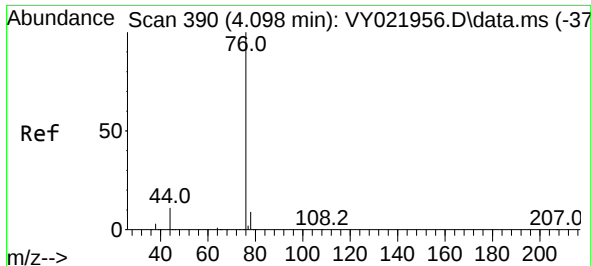
Tgt Ion: 53 Resp: 50909
Ion Ratio Lower Upper
53 100
52 78.7 65.0 97.6
51 36.2 28.9 43.3



#16
Acetone
Concen: 88.799 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 43 Resp: 35815
Ion Ratio Lower Upper
43 100
58 35.5 27.0 40.4

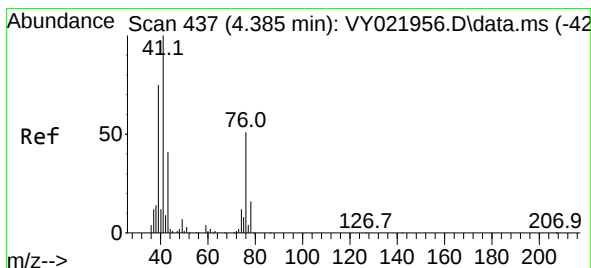
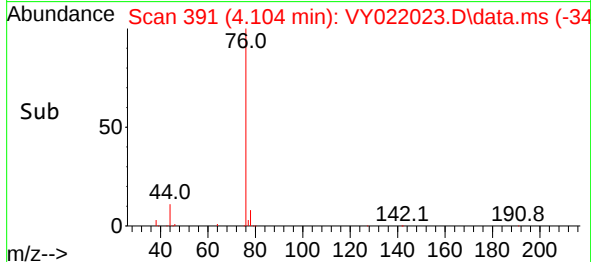
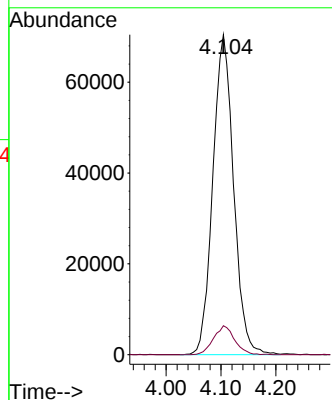
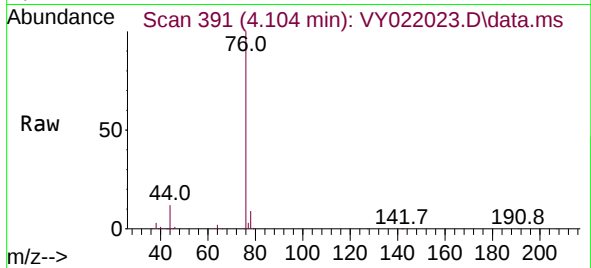




#17
Carbon Disulfide
Concen: 20.244 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

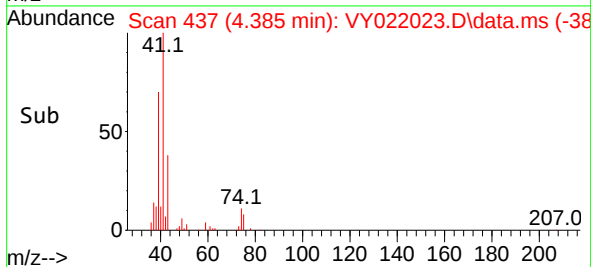
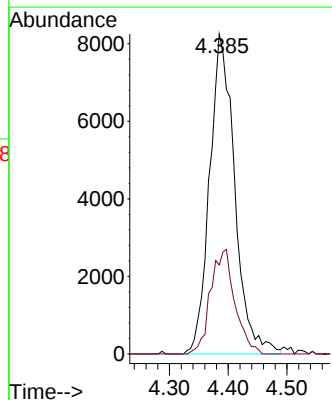
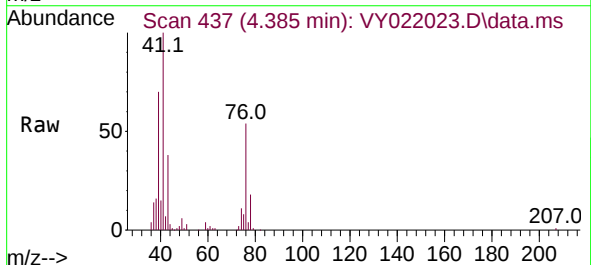
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

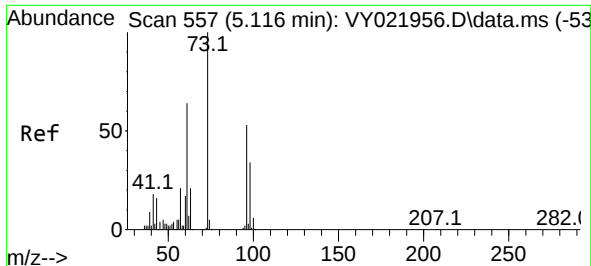
Tgt Ion: 76 Resp: 185314
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 19.637 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 43 Resp: 24470
Ion Ratio Lower Upper
43 100
74 31.7 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 18.795 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

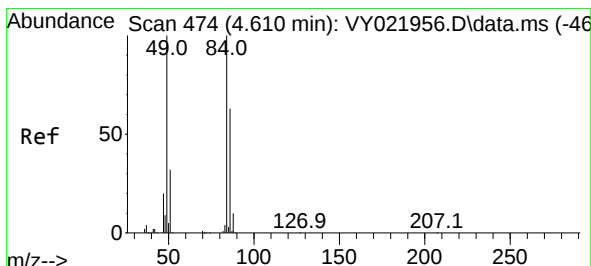
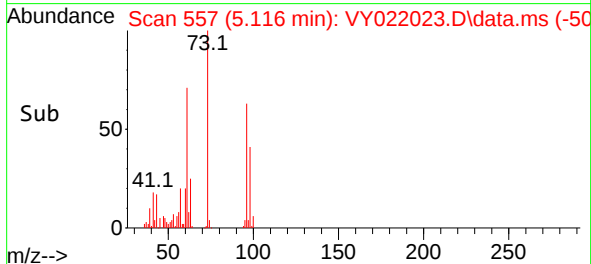
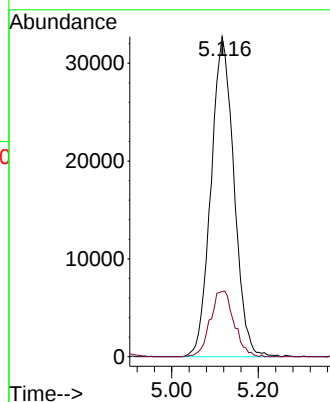
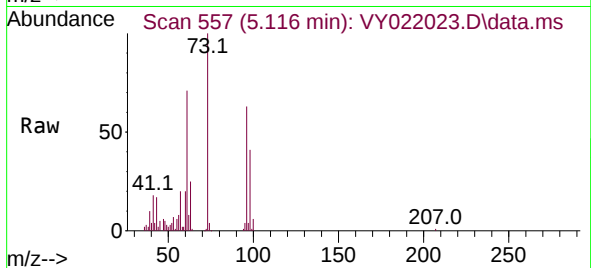
VY0428SBS01

Tgt Ion: 73 Resp: 120777

Ion Ratio Lower Upper

73 100

57 20.3 16.9 25.3



#20

Methylene Chloride

Concen: 19.926 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Tgt Ion: 84 Resp: 67212

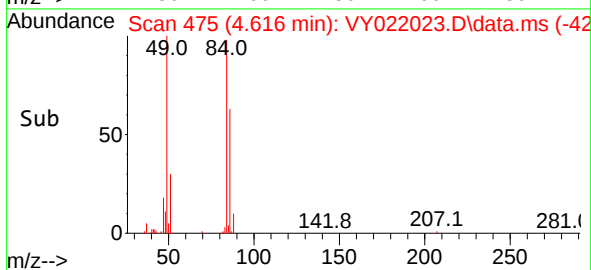
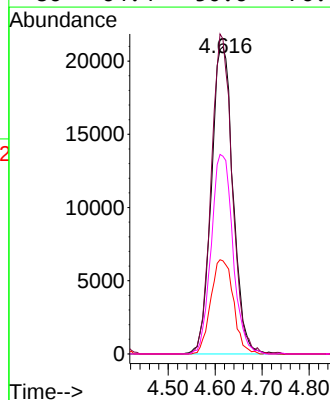
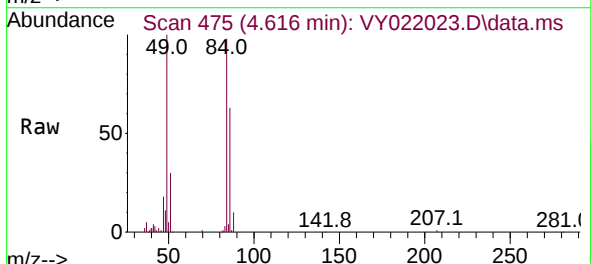
Ion Ratio Lower Upper

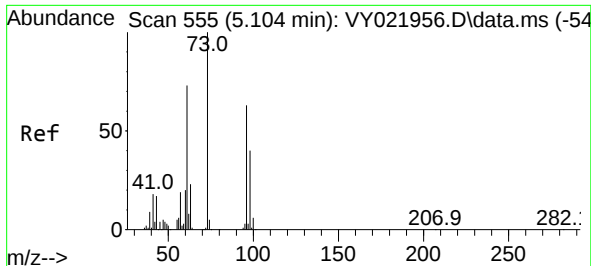
84 100

49 102.6 79.9 119.9

51 30.3 25.4 38.0

86 64.4 50.6 76.0

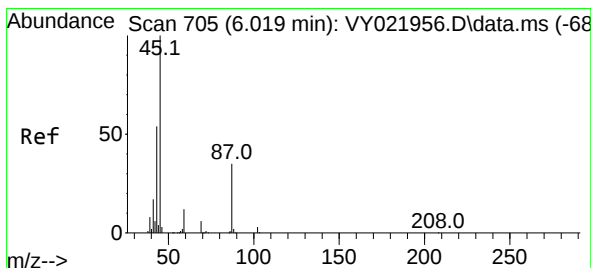
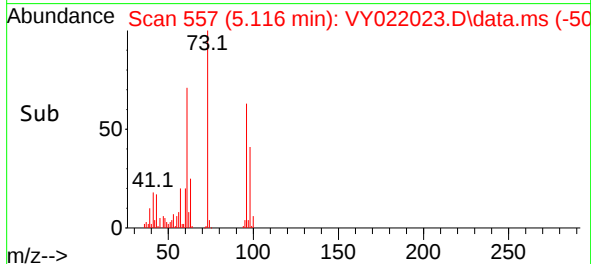
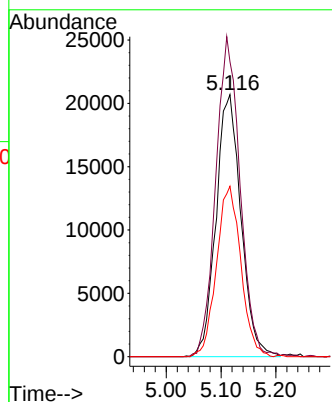
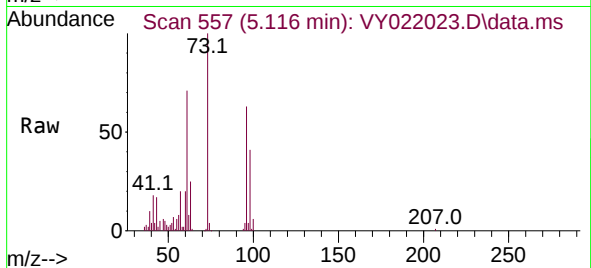




#21
trans-1,2-Dichloroethene
Concen: 20.375 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

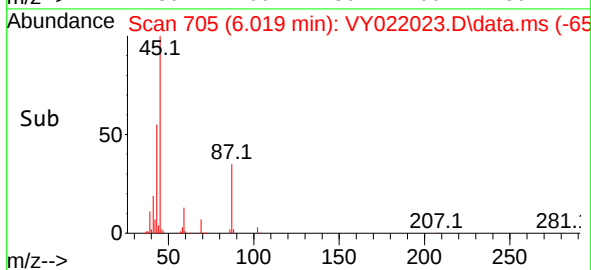
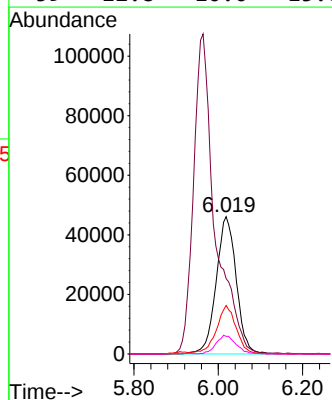
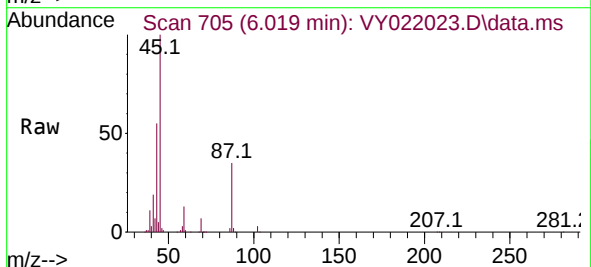
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

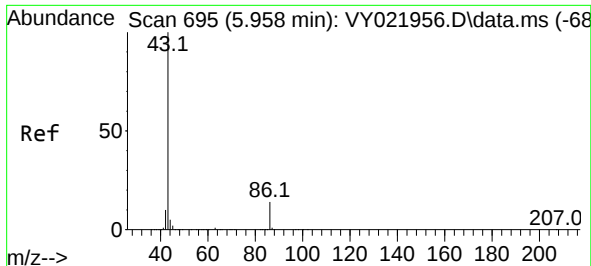
Tgt Ion: 96 Resp: 65512
Ion Ratio Lower Upper
96 100
61 112.6 92.6 138.8
98 65.0 50.2 75.4



#22
Diisopropyl ether
Concen: 20.467 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 45 Resp: 152261
Ion Ratio Lower Upper
45 100
43 54.3 43.6 65.4
87 35.3 28.2 42.4
59 12.8 10.0 15.0

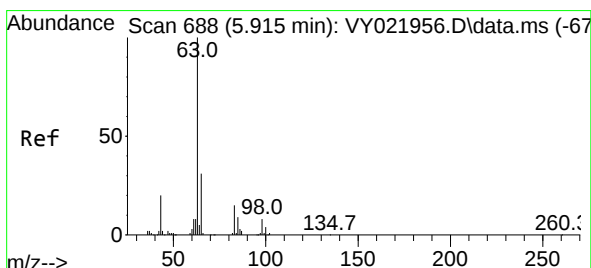
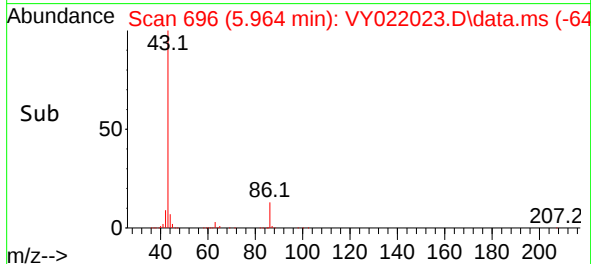
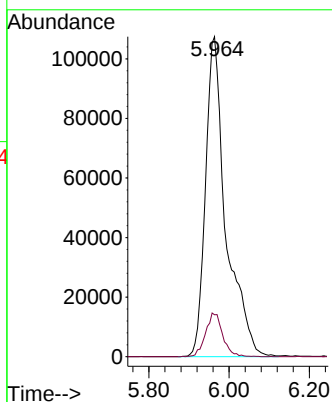
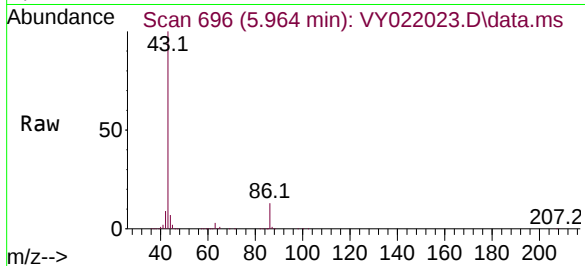




#23
 Vinyl Acetate
 Concen: 94.888 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

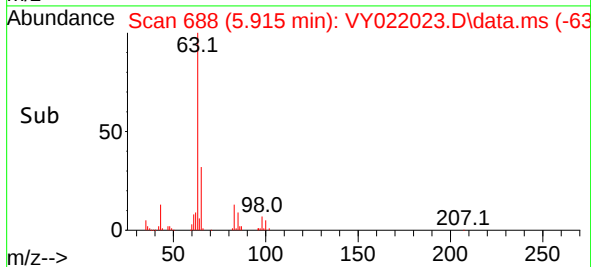
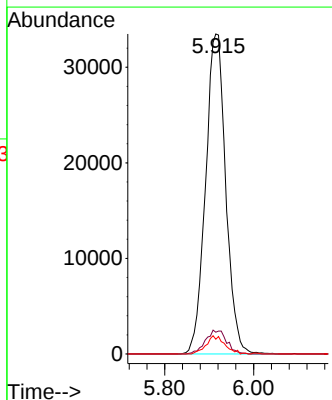
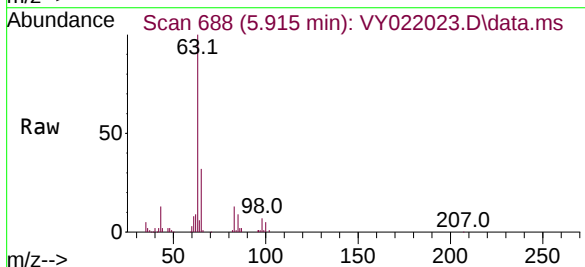
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

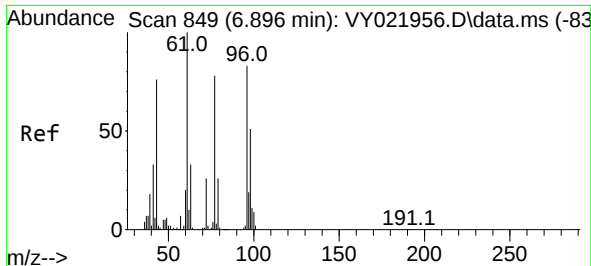
Tgt Ion: 43 Resp: 380442
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 20.539 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

Tgt Ion: 63 Resp: 105916
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 11.9
 100 4.6 2.0 6.0





#25

2-Butanone

Concen: 89.353 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

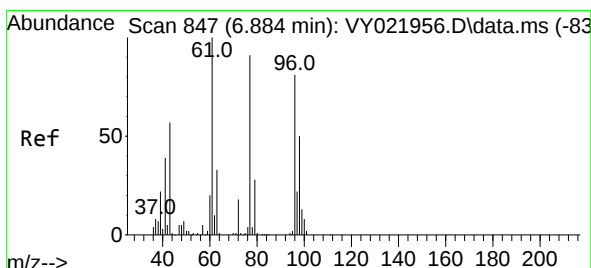
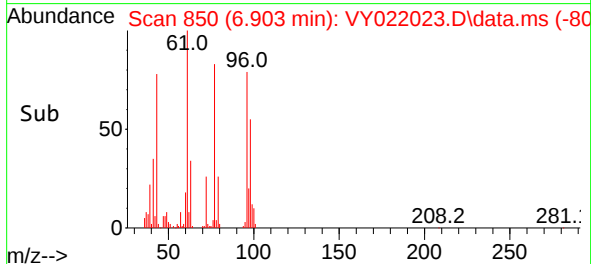
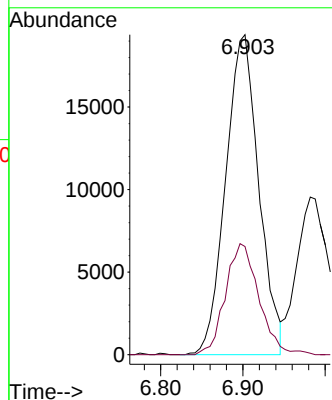
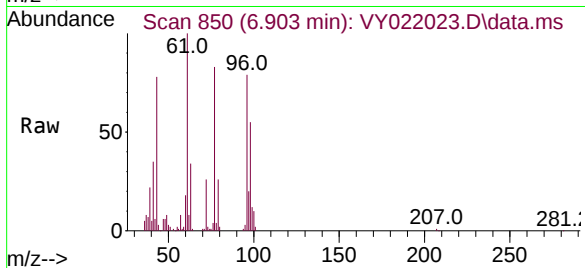
VY0428SBS01

Tgt Ion: 43 Resp: 54333

Ion Ratio Lower Upper

43 100

72 33.8 27.0 40.4



#26

2,2-Dichloropropane

Concen: 21.157 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022023.D

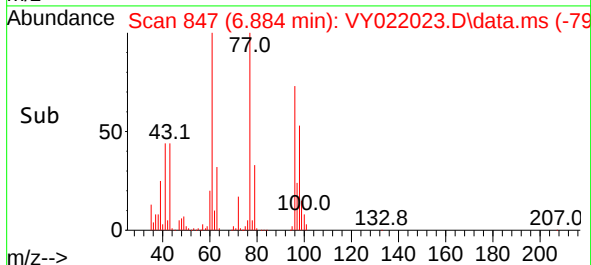
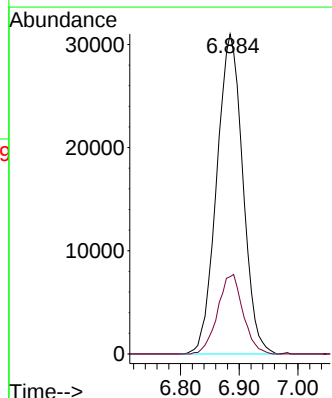
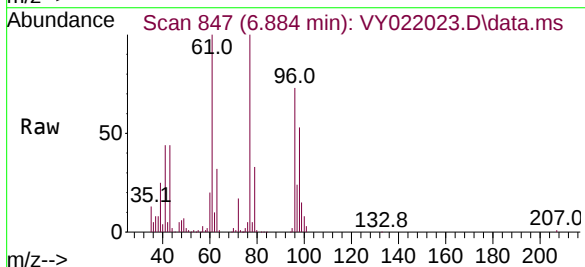
Acq: 28 Apr 2025 11:40

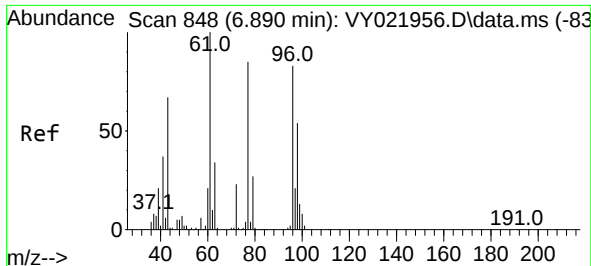
Tgt Ion: 77 Resp: 95622

Ion Ratio Lower Upper

77 100

97 24.1 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.896 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

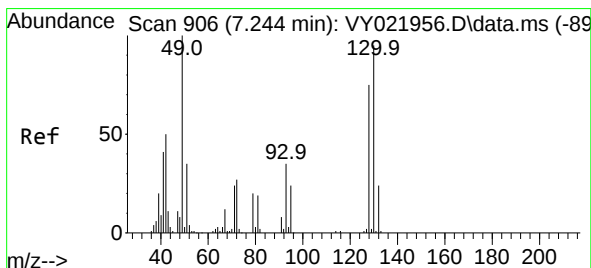
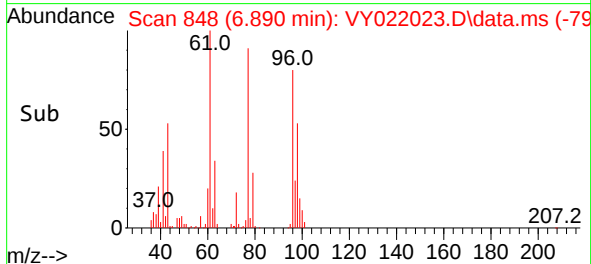
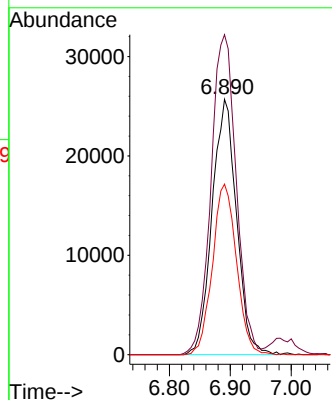
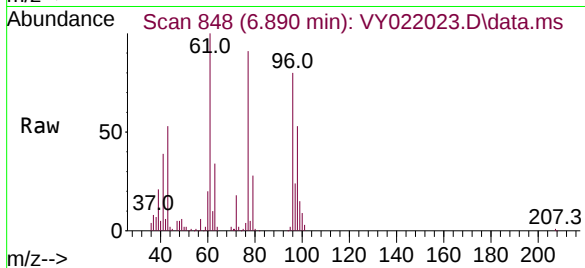
Tgt Ion: 96 Resp: 71531

Ion Ratio Lower Upper

96 100

61 129.5 0.0 251.4

98 65.8 0.0 128.4



#28

Bromochloromethane

Concen: 20.270 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

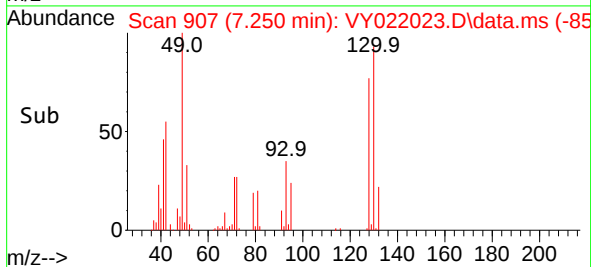
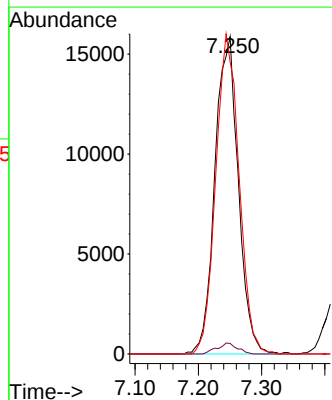
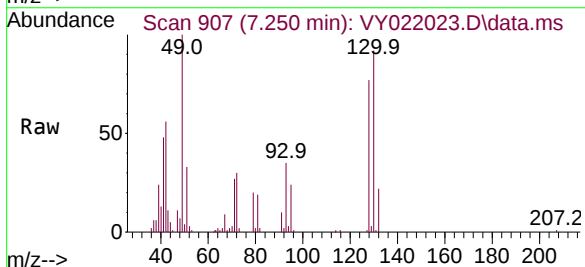
Tgt Ion: 49 Resp: 40600

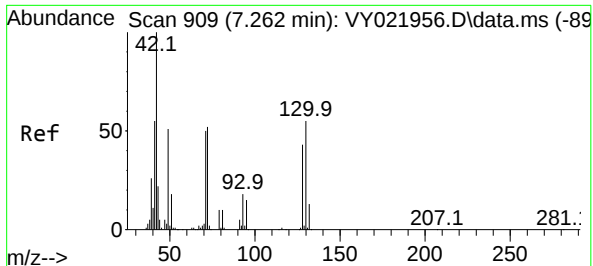
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.0

130 100.7 78.2 117.4

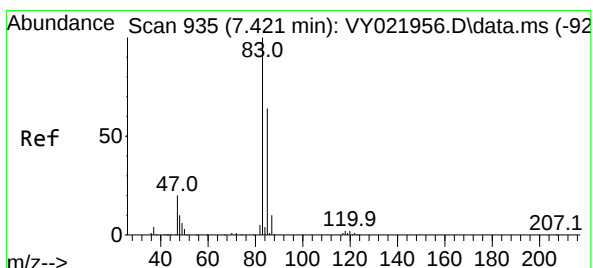
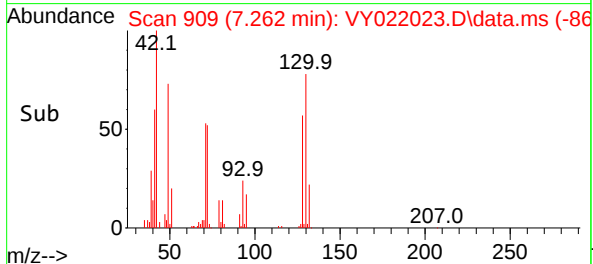
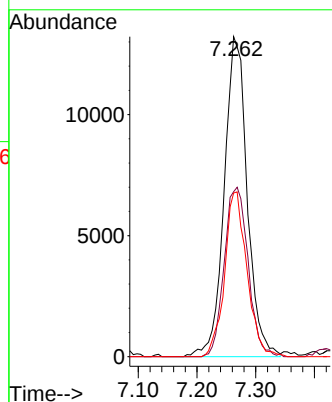
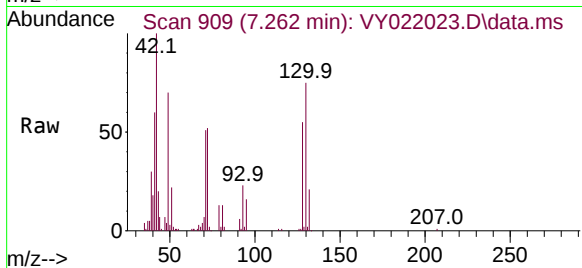




#29
Tetrahydrofuran
Concen: 91.193 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

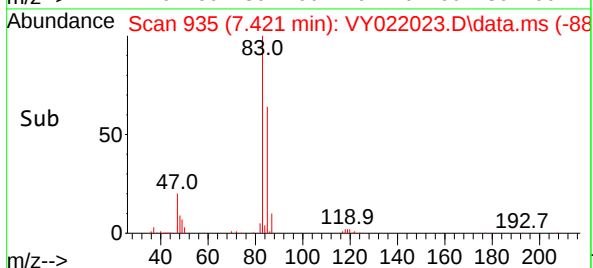
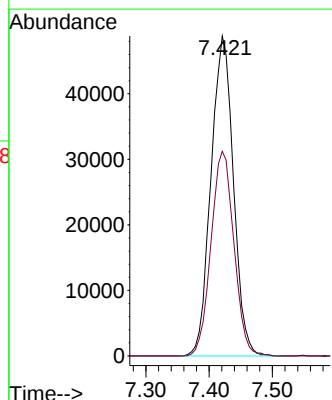
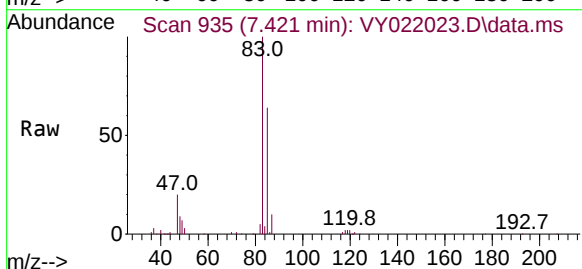
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

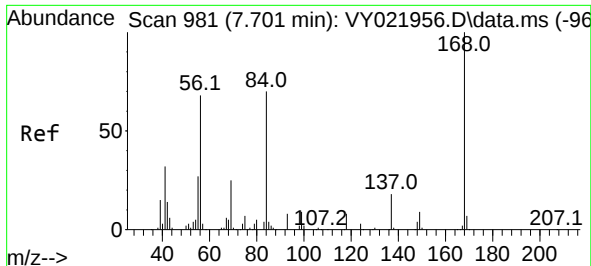
Tgt Ion:	42	Resp:	36015
Ion	Ratio	Lower	Upper
42	100		
72	54.9	42.6	63.8
71	50.0	40.6	61.0



#30
Chloroform
Concen: 20.997 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion:	83	Resp:	120103
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.3	76.9

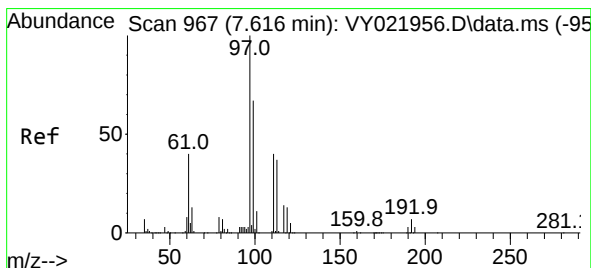
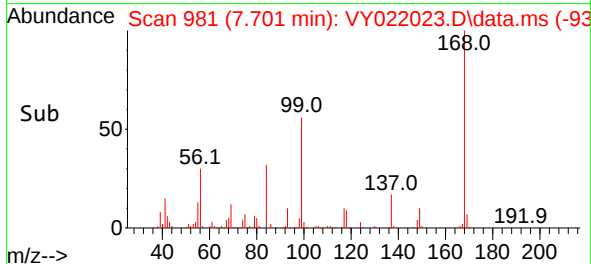
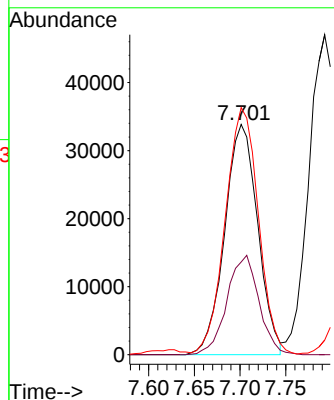
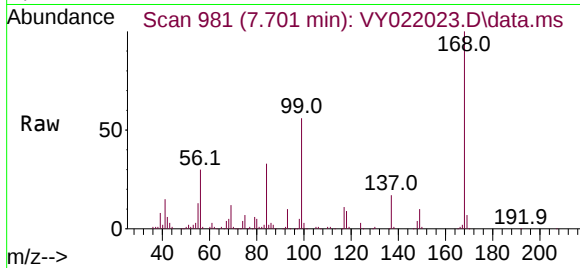




#31
Cyclohexane
Concen: 19.307 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

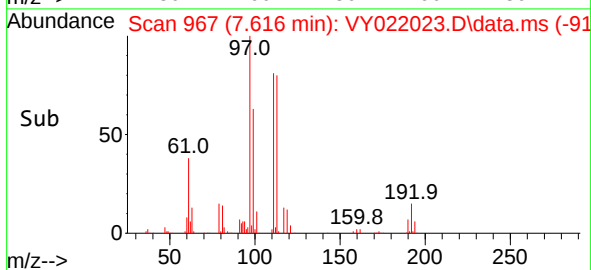
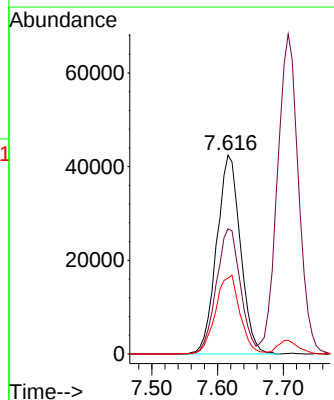
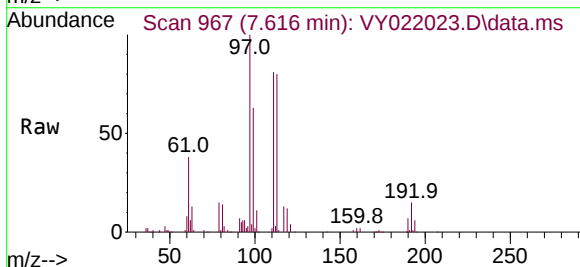
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

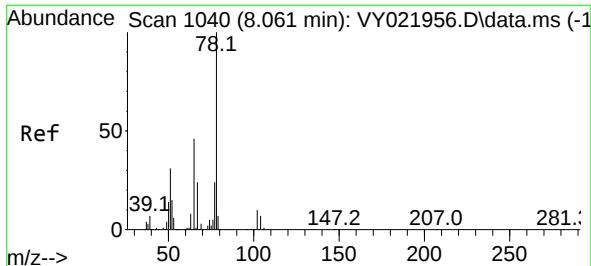
Tgt Ion: 56 Resp: 85140
Ion Ratio Lower Upper
56 100
69 40.2 29.4 44.2
84 106.1 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.603 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 97 Resp: 106620
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 40.8 31.4 47.2

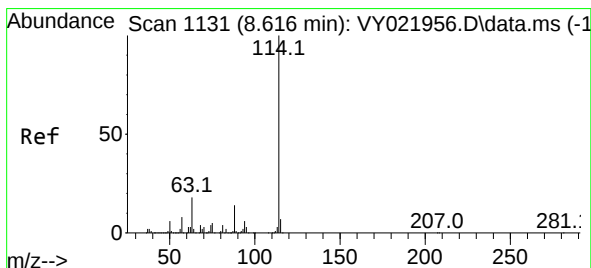
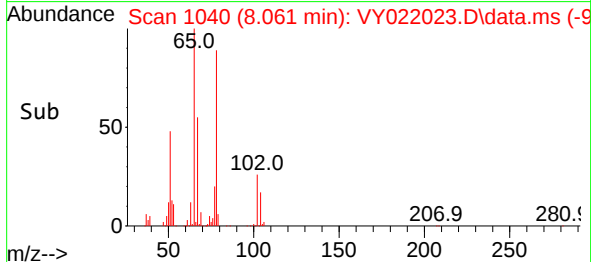
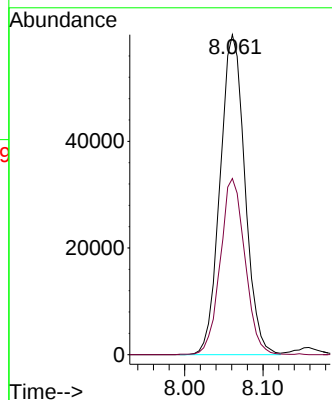
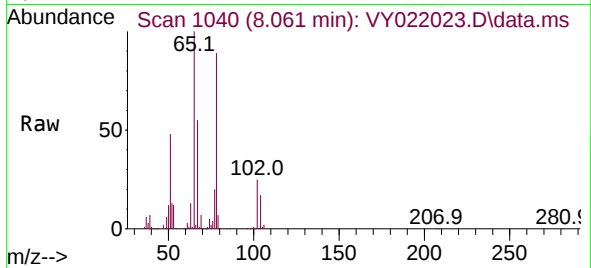




#33
 1,2-Dichloroethane-d4
 Concen: 49.495 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

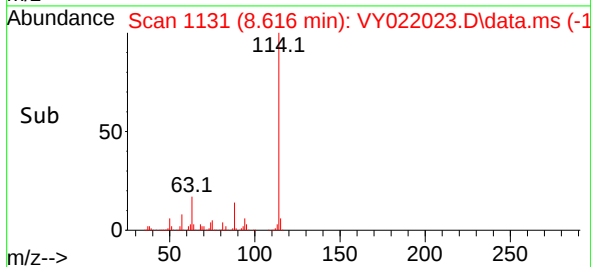
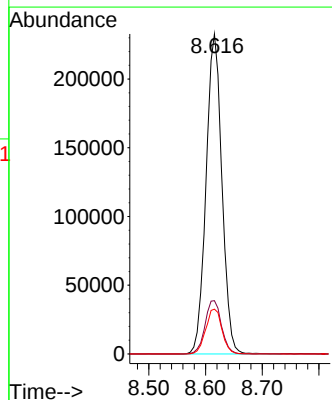
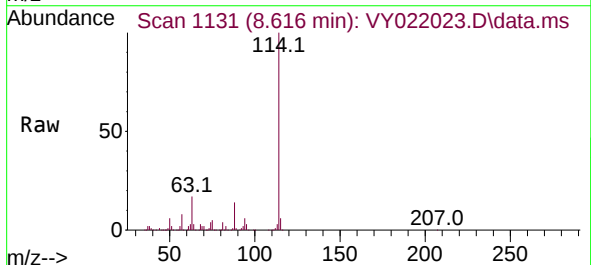
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

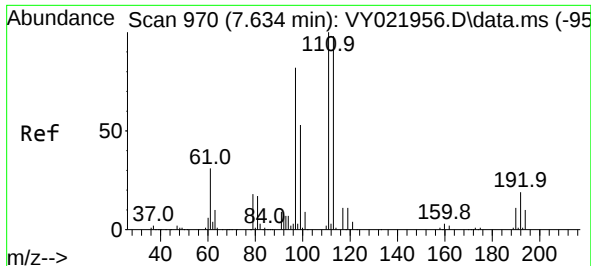
Tgt Ion: 65 Resp: 132035
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

Tgt Ion: 114 Resp: 451635
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.4
 88 14.0 0.0 28.2

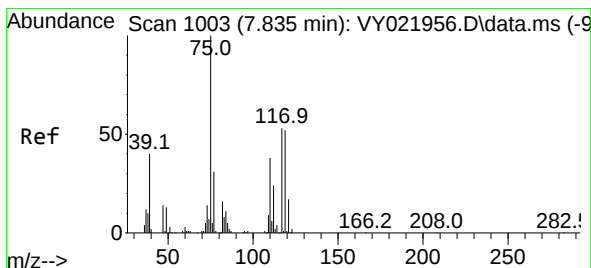
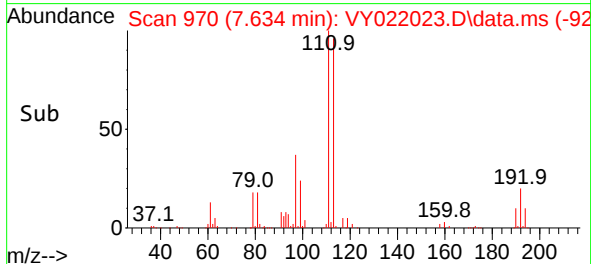
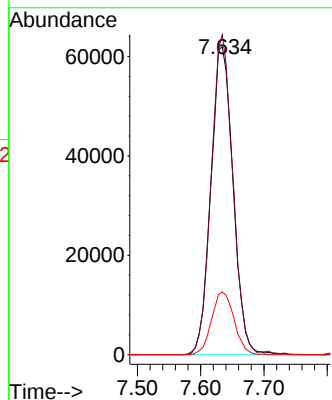
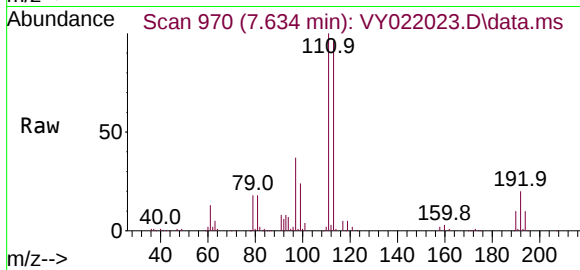




#35
Dibromofluoromethane
Concen: 50.749 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

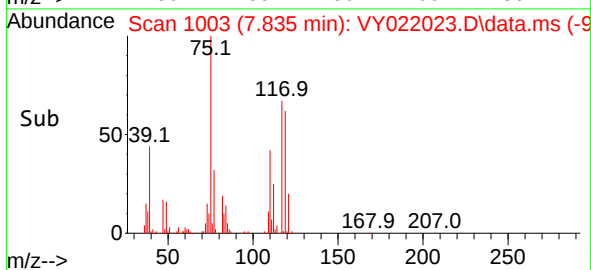
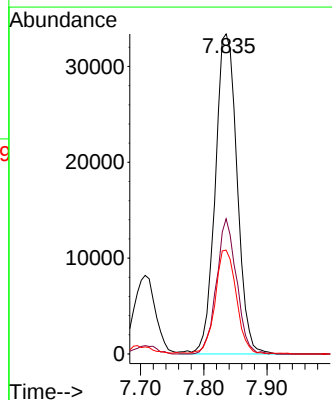
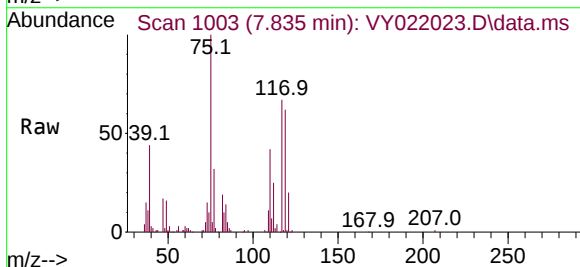
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

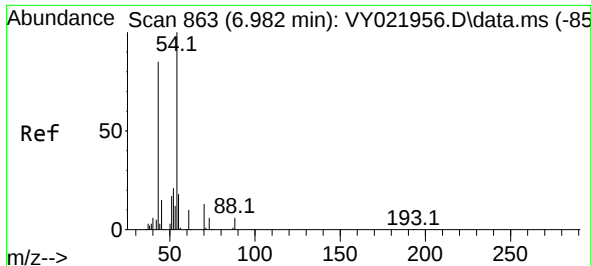
Tgt Ion:113 Resp: 151421
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.8
192 20.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 19.960 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 75 Resp: 79998
Ion Ratio Lower Upper
75 100
110 38.7 19.1 57.3
77 31.1 25.5 38.3

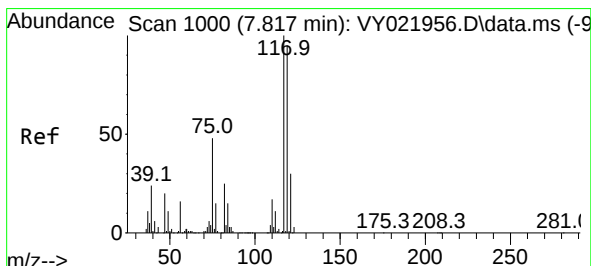
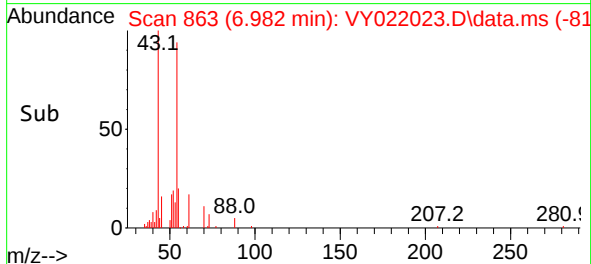
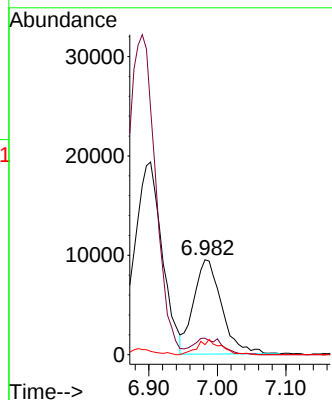
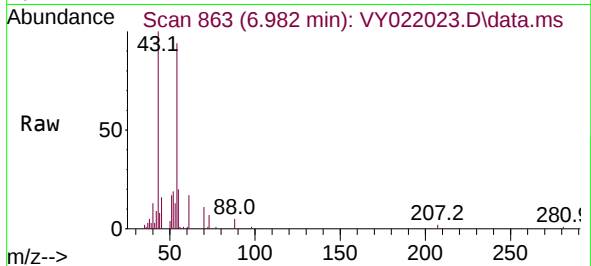




#37
Ethyl Acetate
Concen: 18.794 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

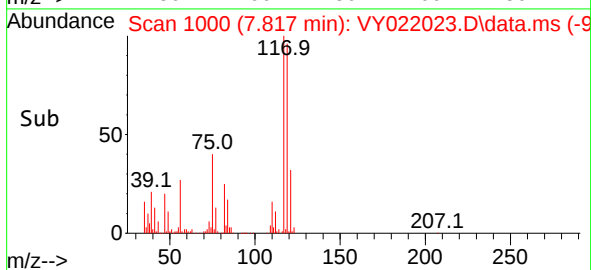
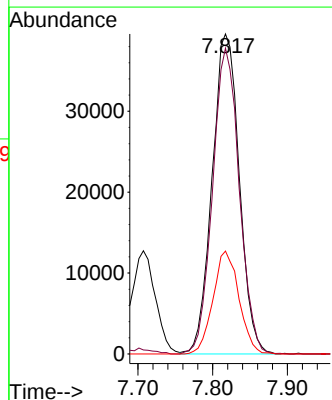
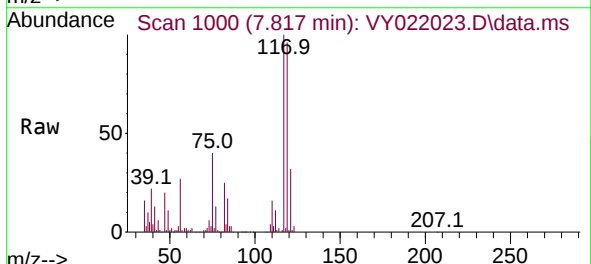
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

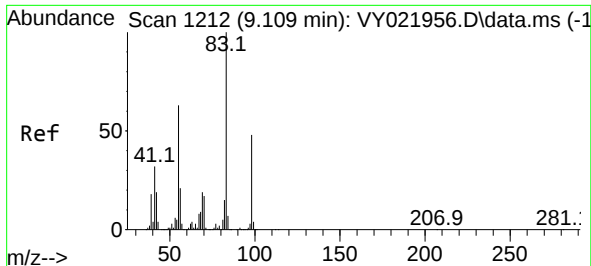
Tgt Ion: 43 Resp: 27054
Ion Ratio Lower Upper
43 100
61 18.0 13.8 20.6
70 13.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.888 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 117 Resp: 100038
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.4
121 32.2 24.0 36.0





#39

Methylcyclohexane

Concen: 19.137 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

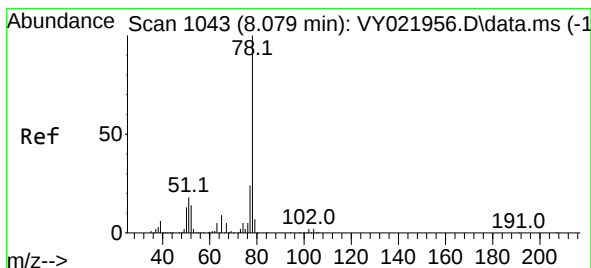
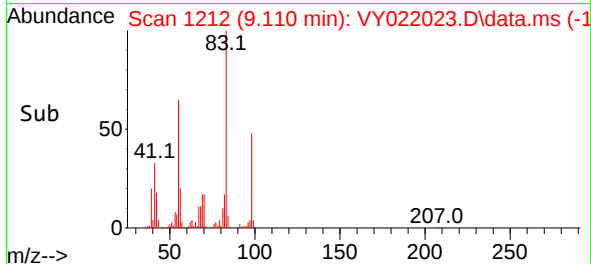
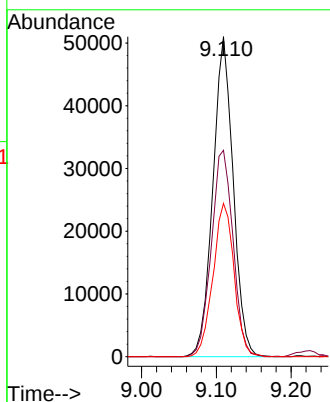
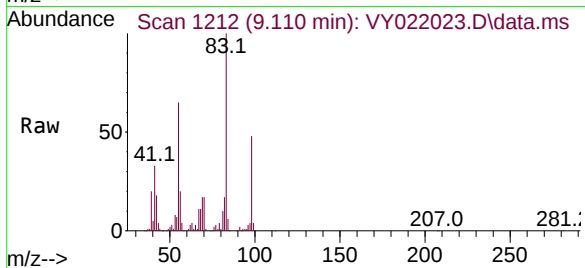
Tgt Ion: 83 Resp: 96523

Ion Ratio Lower Upper

83 100

55 64.5 50.6 75.8

98 47.9 38.6 58.0



#40

Benzene

Concen: 21.003 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022023.D

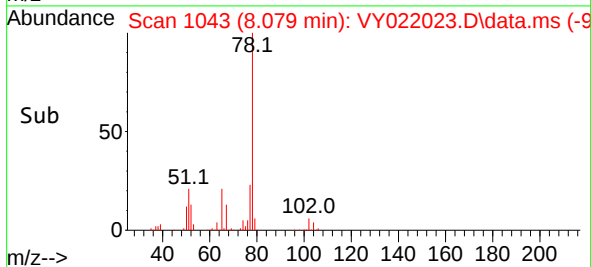
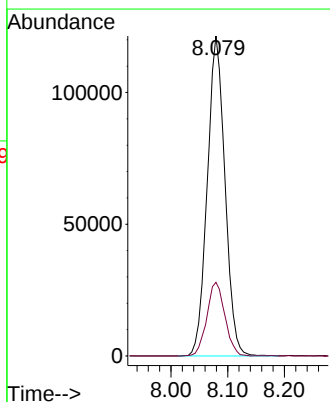
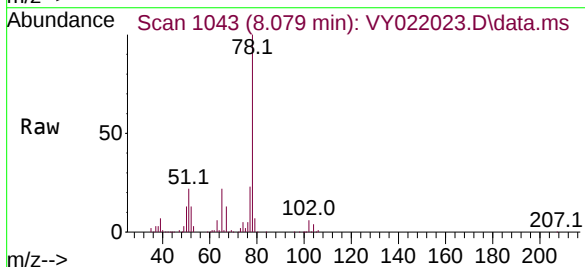
Acq: 28 Apr 2025 11:40

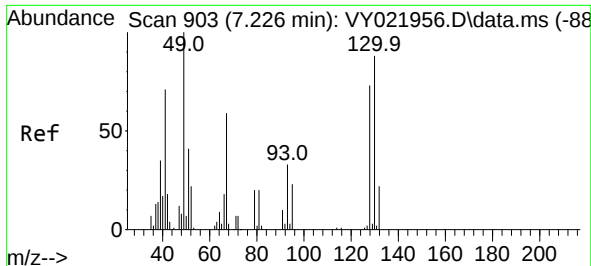
Tgt Ion: 78 Resp: 263141

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9

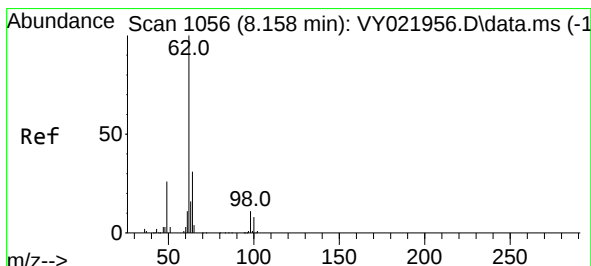
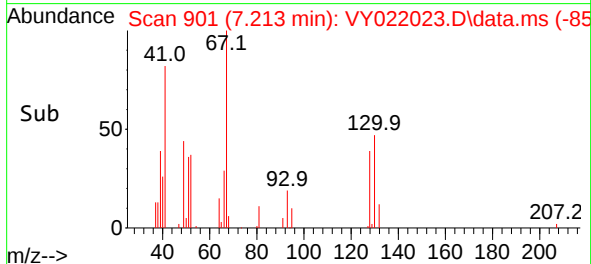
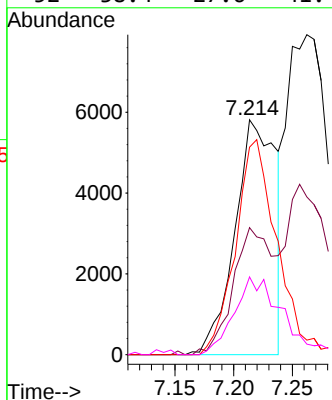
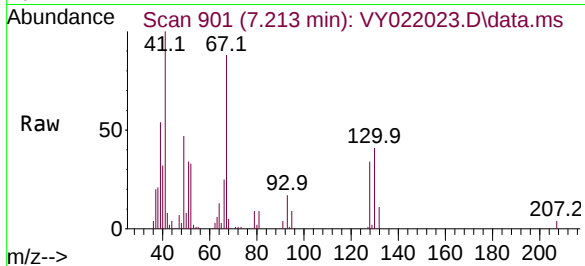




#41
Methacrylonitrile
Concen: 17.888 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

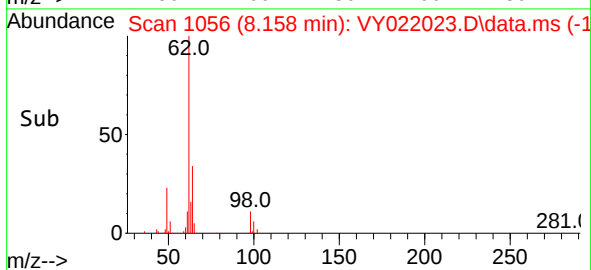
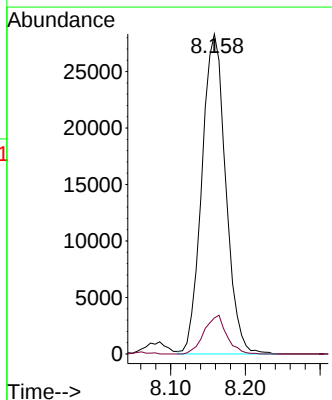
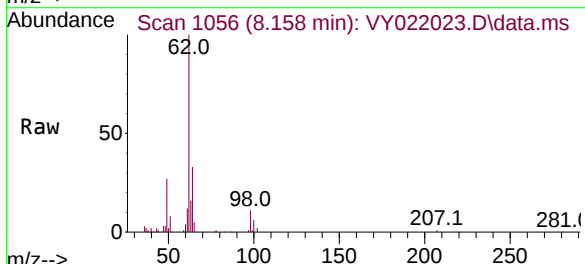
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

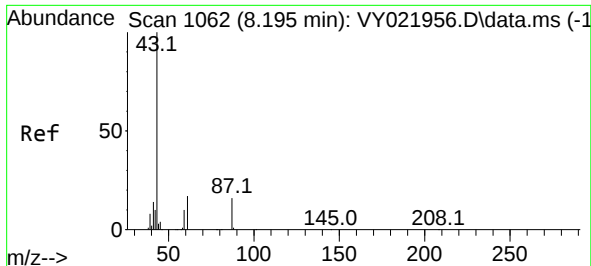
Tgt Ion:	41	Resp:	14076
Ion	Ratio	Lower	Upper
41	100		
39	47.8	36.6	55.0
67	93.1	72.2	108.4
52	38.4	27.6	41.4



#42
1,2-Dichloroethane
Concen: 20.260 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion:	62	Resp:	62844
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0

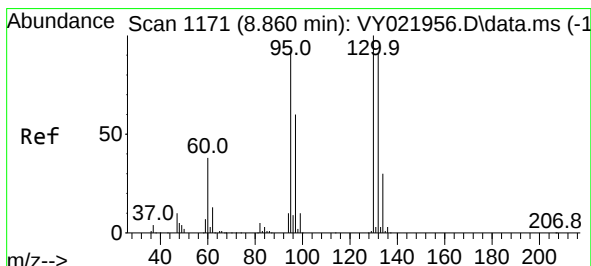
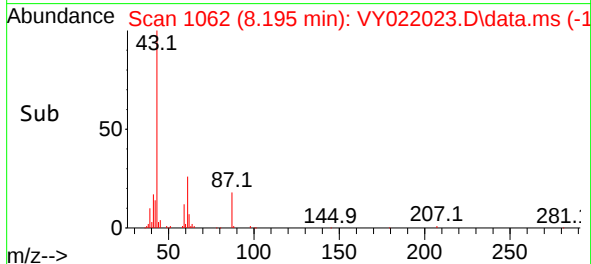
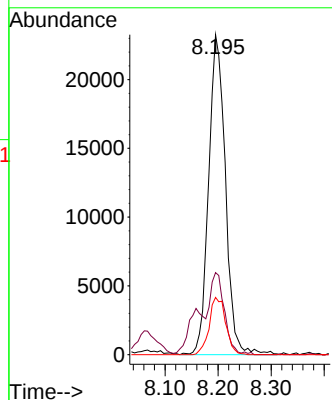
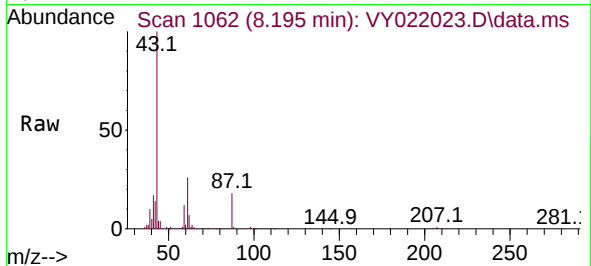




#43
Isopropyl Acetate
Concen: 18.556 ug/l
RT: 8.195 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

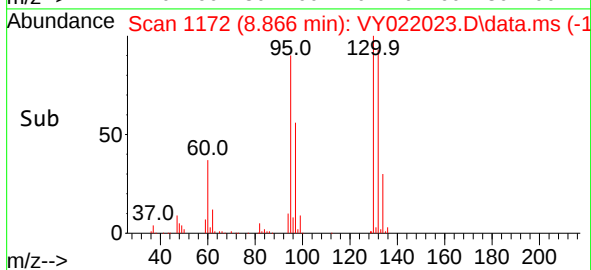
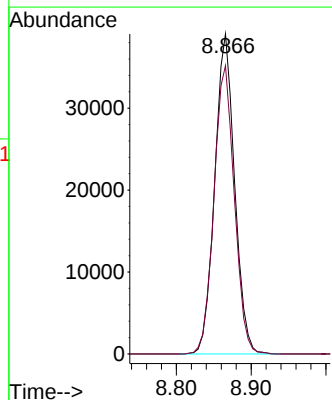
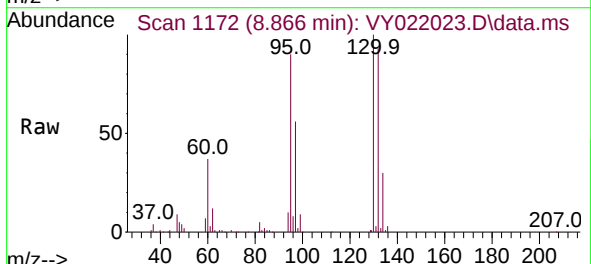
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

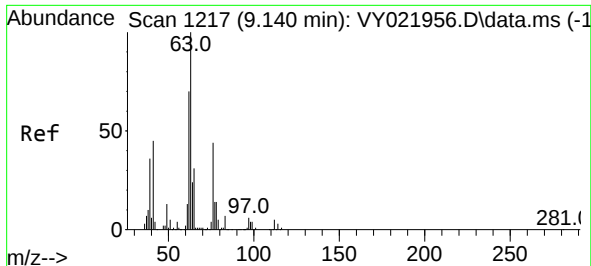
Tgt Ion: 43 Resp: 51297
Ion Ratio Lower Upper
43 100
61 22.2 18.9 28.3
87 17.6 13.7 20.5



#44
Trichloroethene
Concen: 20.773 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion:130 Resp: 72088
Ion Ratio Lower Upper
130 100
95 90.1 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.333 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

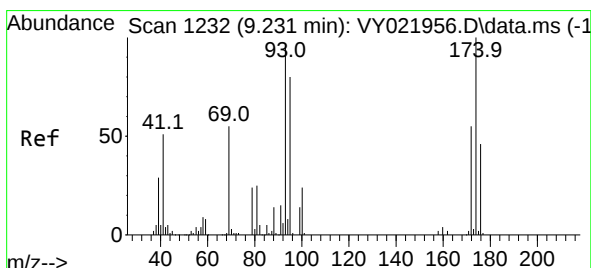
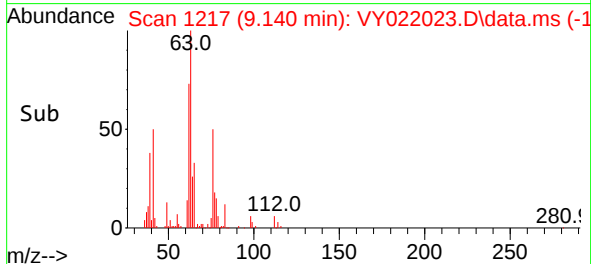
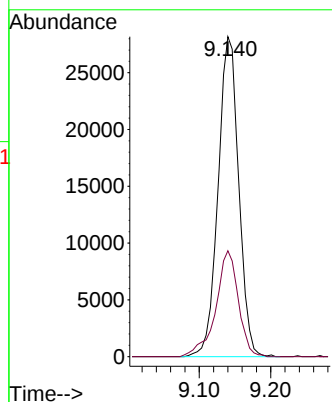
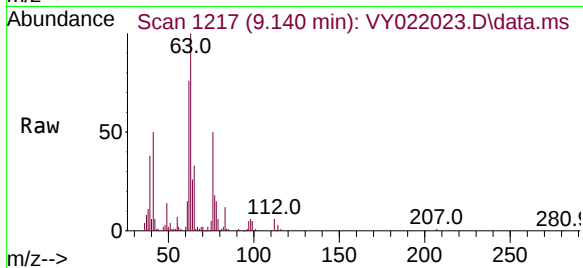
VY0428SBS01

Tgt Ion: 63 Resp: 56336

Ion Ratio Lower Upper

63 100

65 33.1 25.2 37.8



#46

Dibromomethane

Concen: 20.183 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

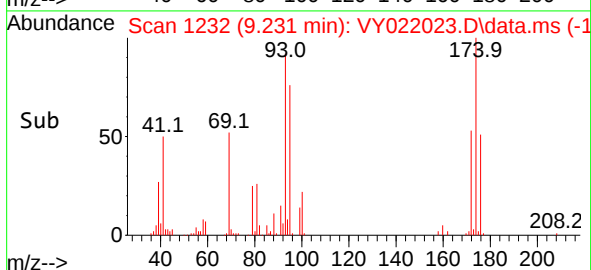
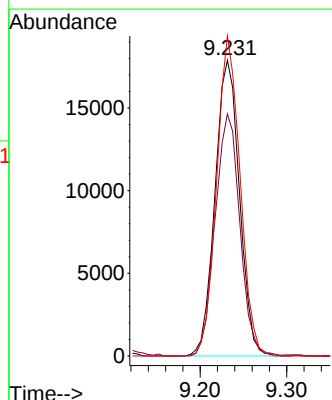
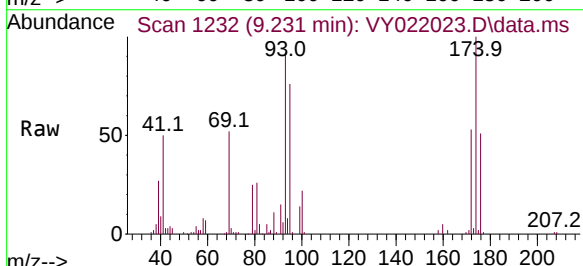
Tgt Ion: 93 Resp: 35005

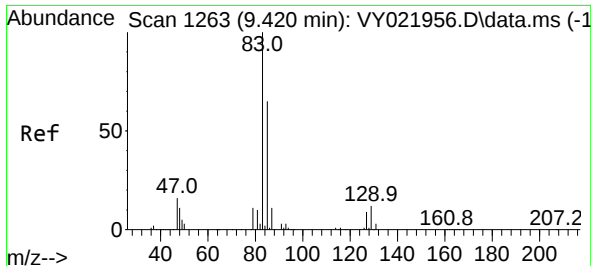
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 103.9 84.6 127.0

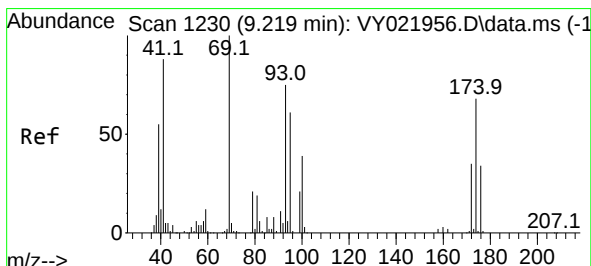
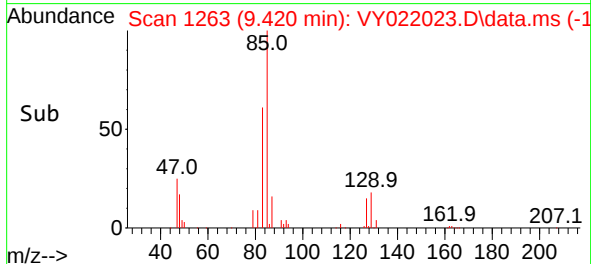
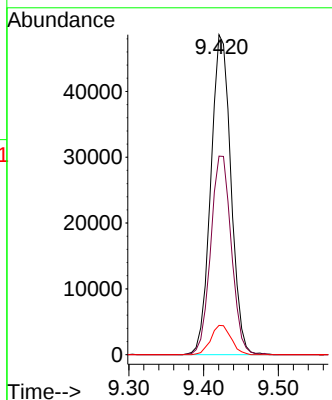
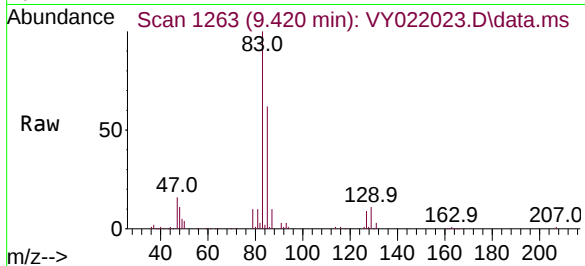




#47
Bromodichloromethane
Concen: 21.008 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

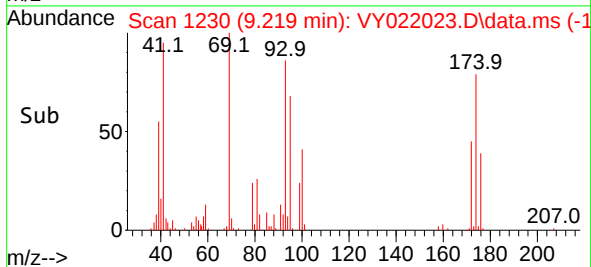
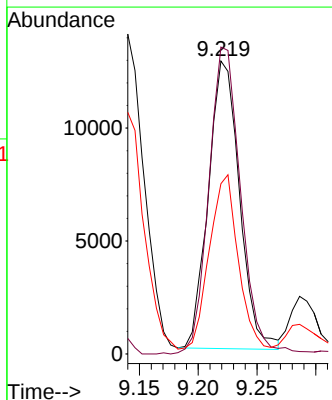
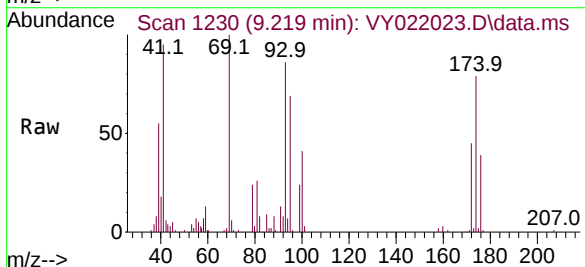
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

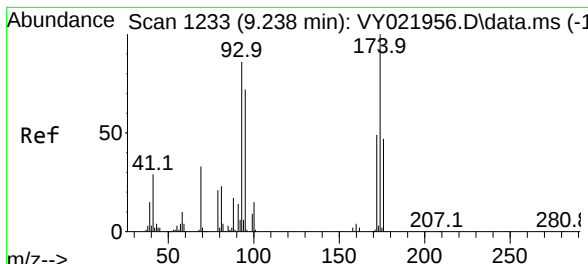
Tgt Ion:	83	Resp:	91024
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.8	77.8
127	9.1	7.0	10.6



#48
Methyl methacrylate
Concen: 18.377 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion:	41	Resp:	23485
Ion	Ratio	Lower	Upper
41	100		
69	109.2	85.5	128.3
39	56.5	46.2	69.4



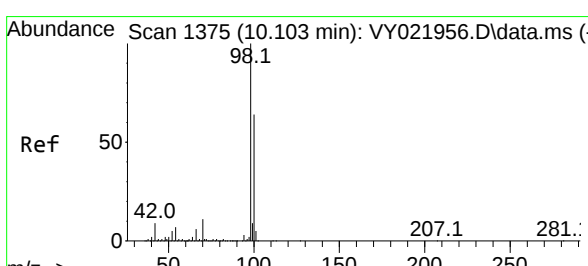
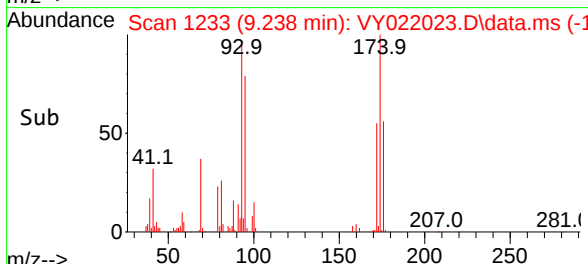
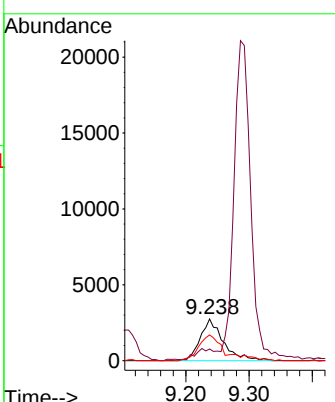
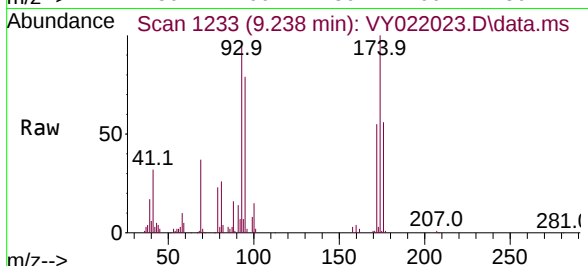


#49
 1,4-Dioxane
 Concen: 375.040 ug/l
 RT: 9.238 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

Tgt Ion: 88 Resp: 6933

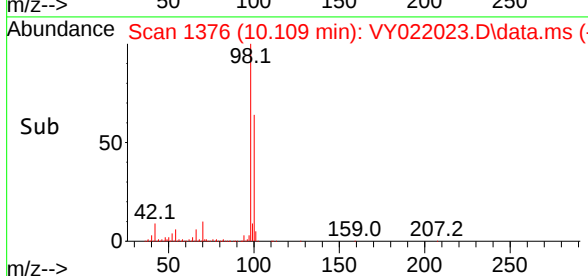
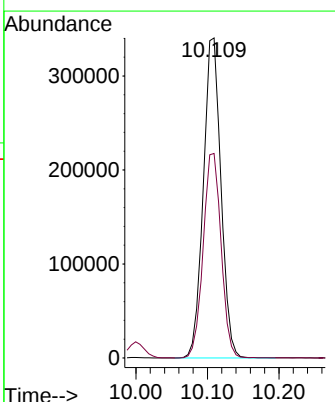
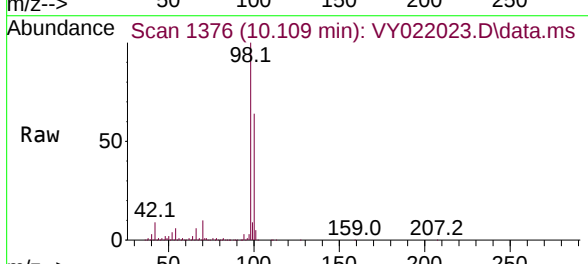
Ion	Ratio	Lower	Upper
88	100		
43	19.1	21.3	31.9#
58	62.4	50.5	75.7

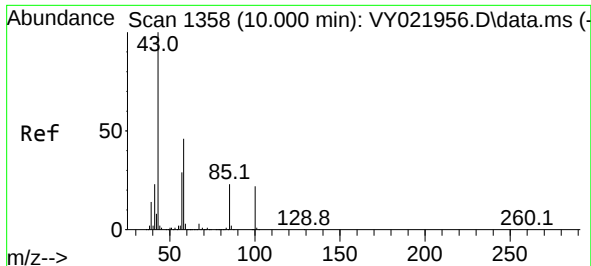


#50
 Toluene-d8
 Concen: 51.869 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.006 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

Tgt Ion: 98 Resp: 583457

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4

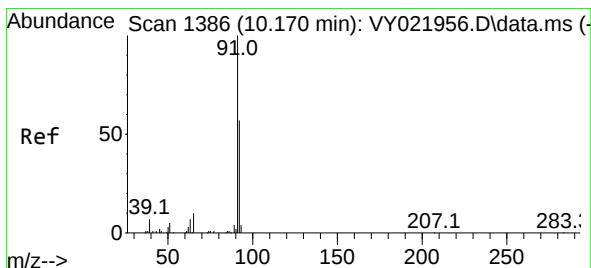
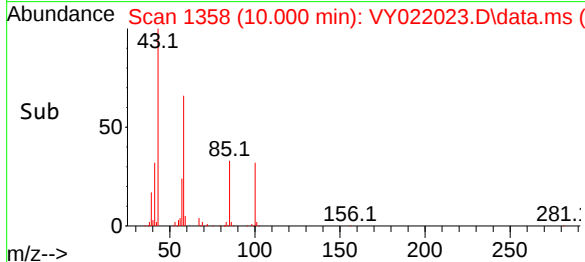
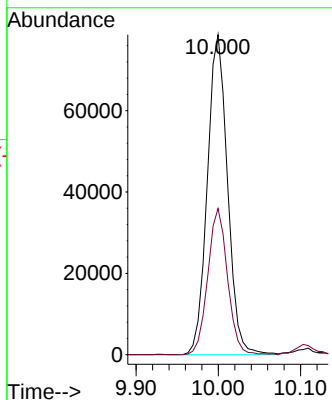
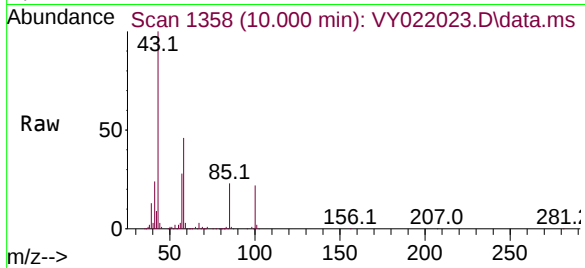




#51
4-Methyl-2-Pentanone
Concen: 92.823 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

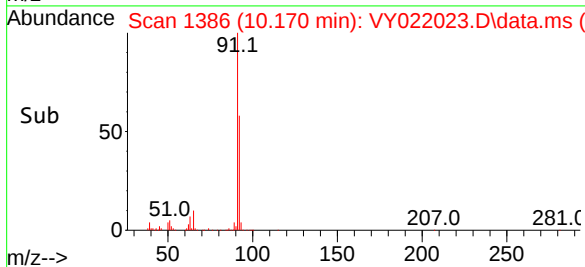
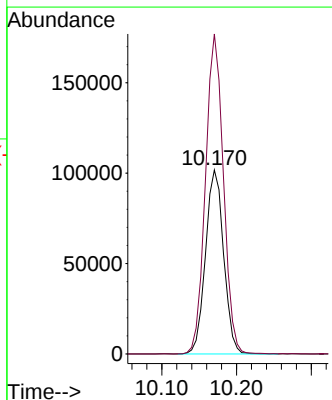
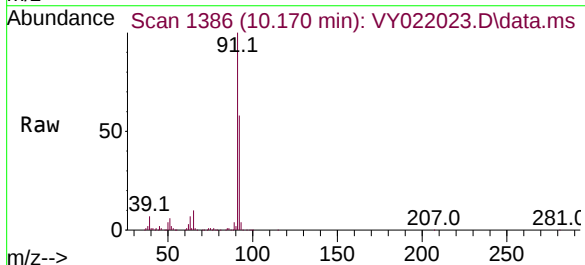
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

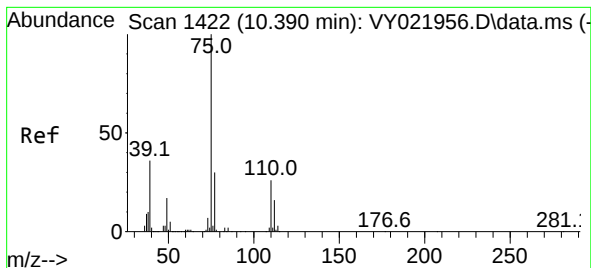
Tgt Ion: 43 Resp: 134511
Ion Ratio Lower Upper
43 100
58 44.5 36.6 55.0



#52
Toluene
Concen: 21.124 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 92 Resp: 171313
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

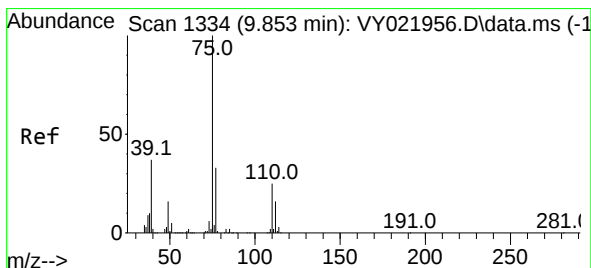
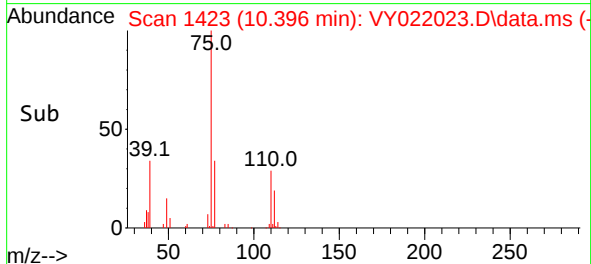
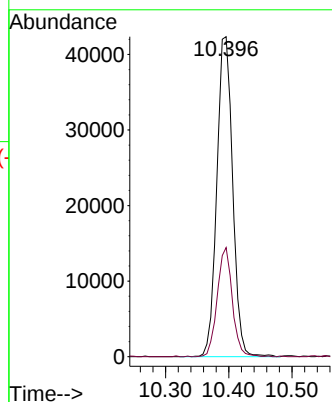
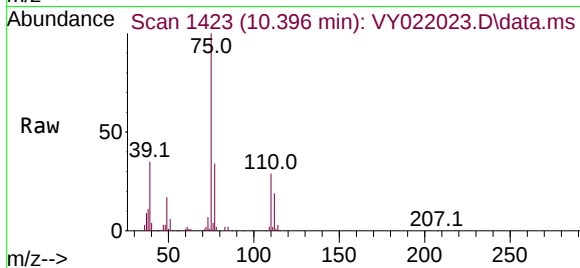




#53
 t-1,3-Dichloropropene
 Concen: 19.727 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

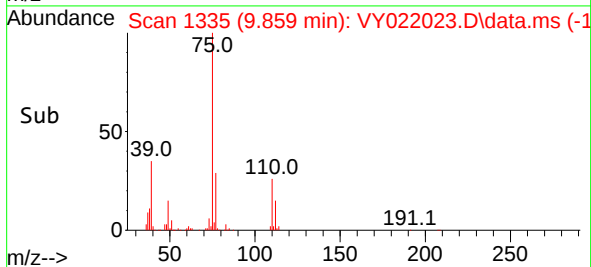
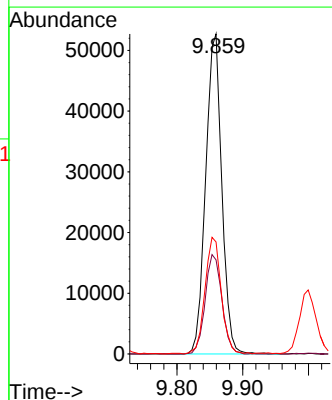
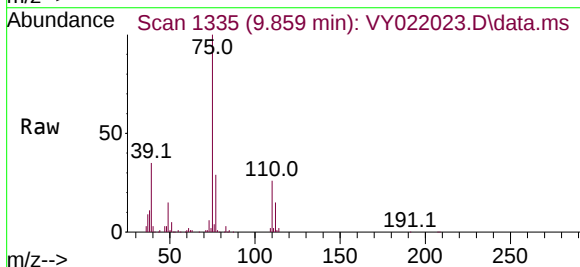
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

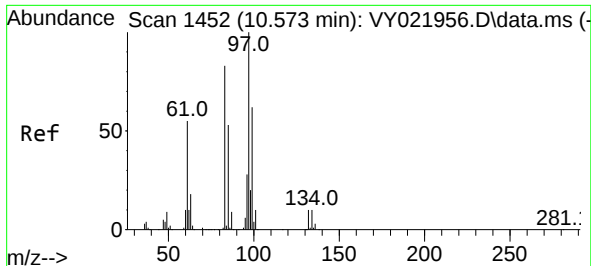
Tgt Ion: 75 Resp: 73313
 Ion Ratio Lower Upper
 75 100
 77 34.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.315 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

Tgt Ion: 75 Resp: 89748
 Ion Ratio Lower Upper
 75 100
 77 29.4 26.6 40.0
 39 34.9 29.6 44.4

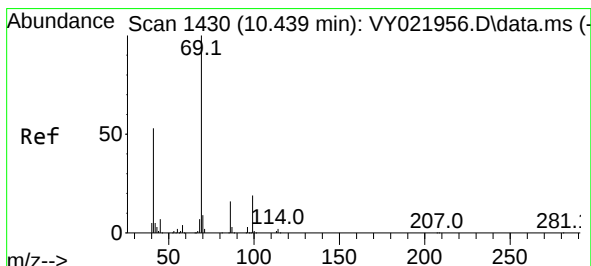
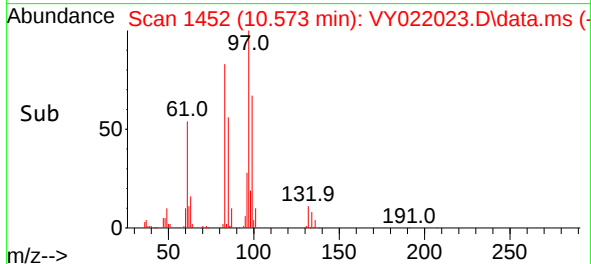
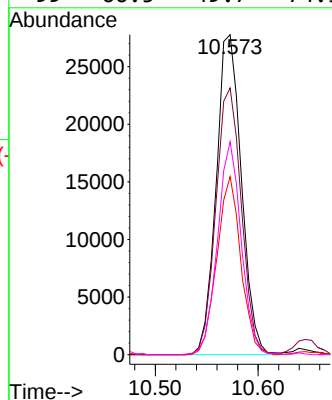
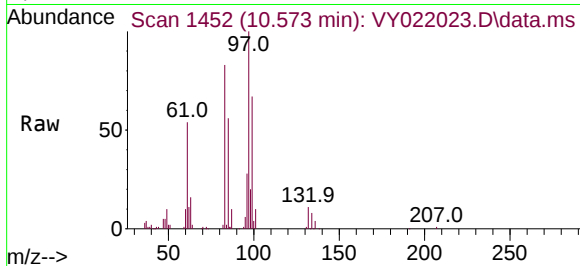




#55
1,1,2-Trichloroethane
Concen: 20.441 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

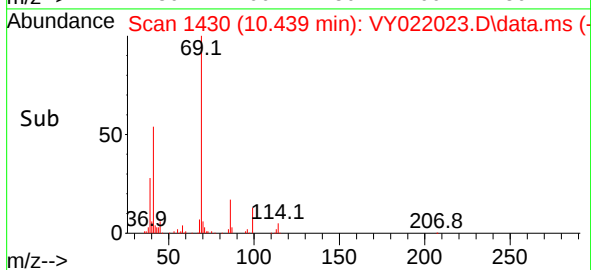
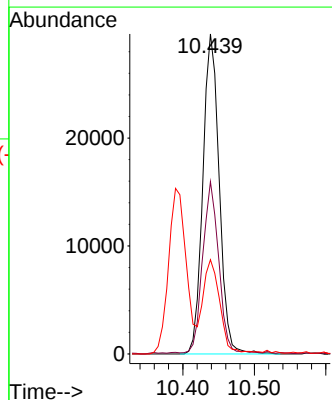
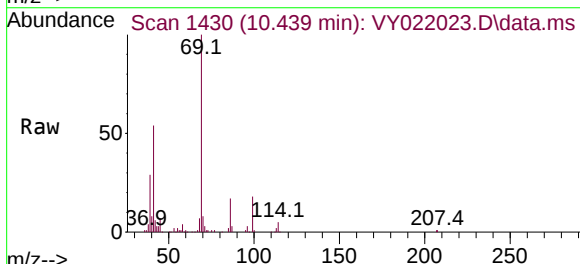
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

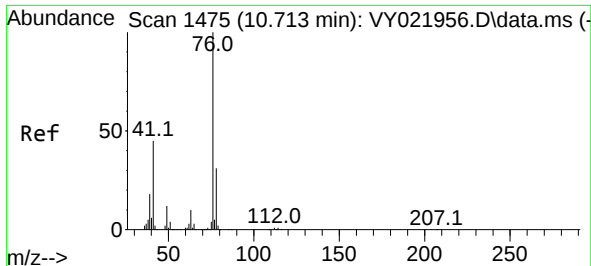
Tgt Ion: 97	Resp: 47358
Ion Ratio	Lower Upper
97 100	
83 83.4	66.7 100.1
85 55.7	42.6 64.0
99 66.5	49.7 74.5



#56
Ethyl methacrylate
Concen: 17.789 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 69	Resp: 47130
Ion Ratio	Lower Upper
69 100	
41 52.5	40.7 61.1
39 28.5	23.3 34.9





#57

1,3-Dichloropropane

Concen: 20.062 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

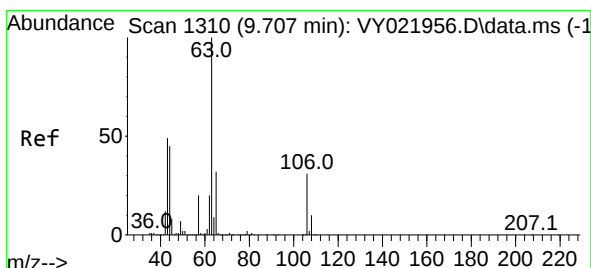
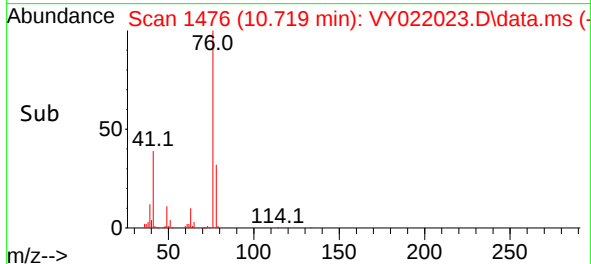
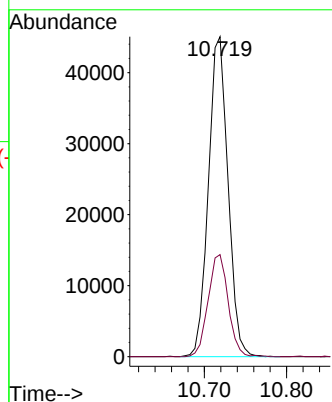
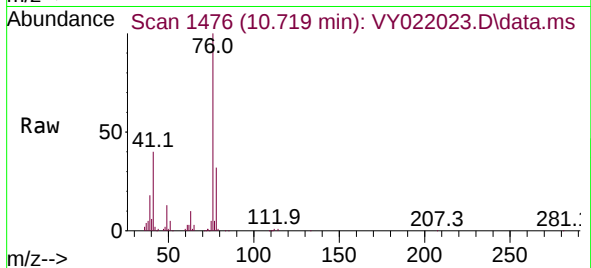
VY0428SBS01

Tgt Ion: 76 Resp: 74512

Ion Ratio Lower Upper

76 100

78 32.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 90.927 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022023.D

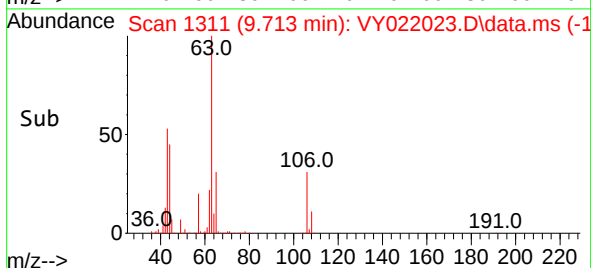
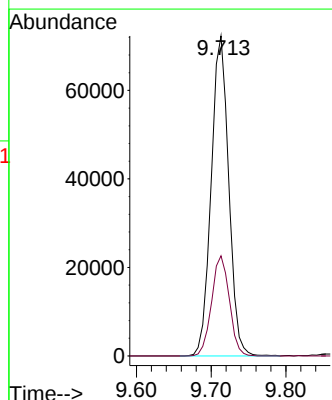
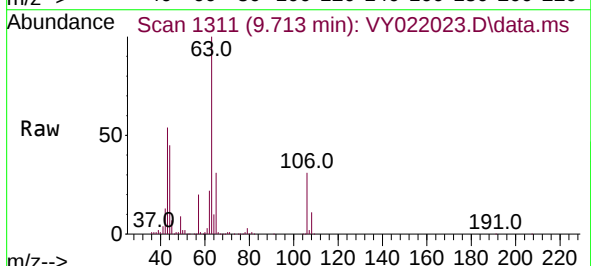
Acq: 28 Apr 2025 11:40

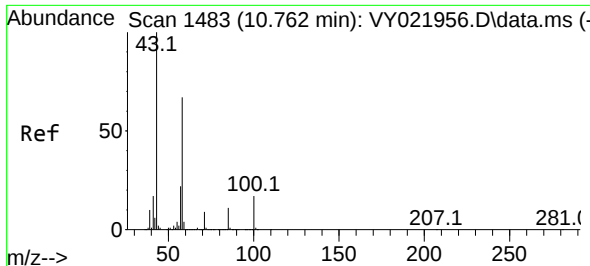
Tgt Ion: 63 Resp: 117783

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9

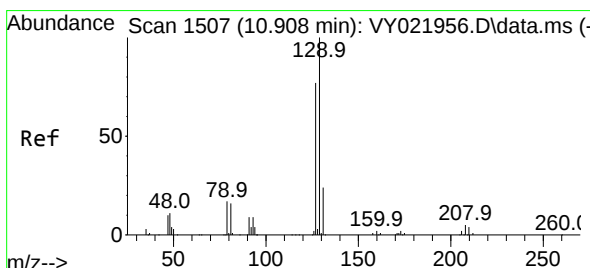
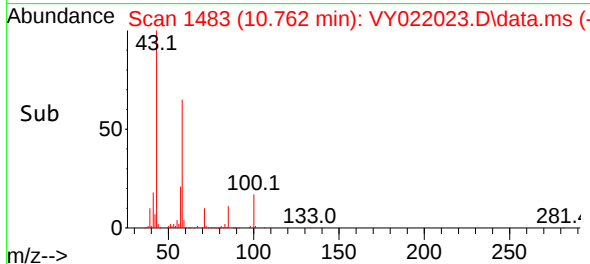
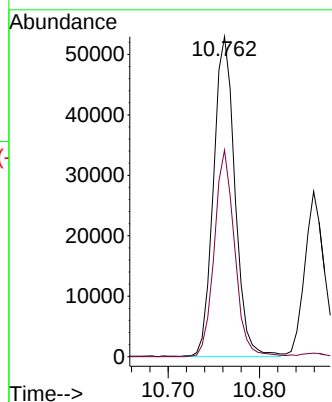
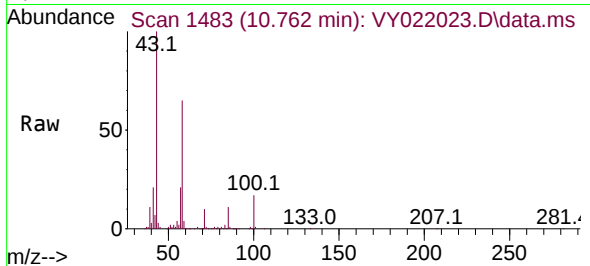




#59
2-Hexanone
Concen: 89.933 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

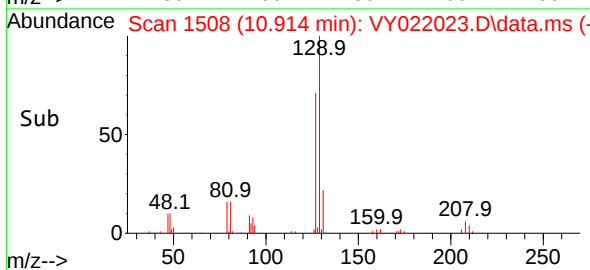
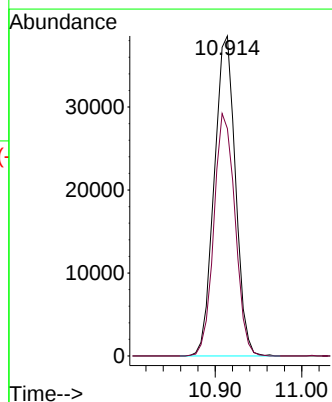
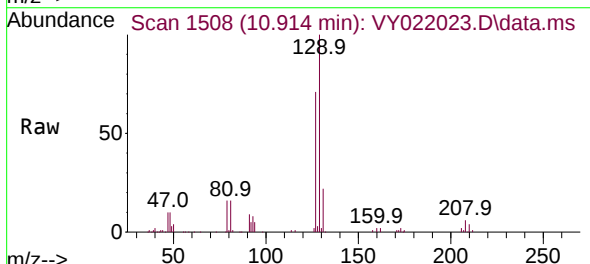
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

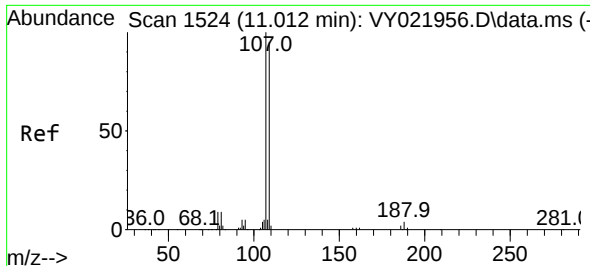
Tgt Ion: 43 Resp: 85959
Ion Ratio Lower Upper
43 100
58 61.3 32.0 96.0



#60
Dibromochloromethane
Concen: 20.457 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 129 Resp: 65617
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.3

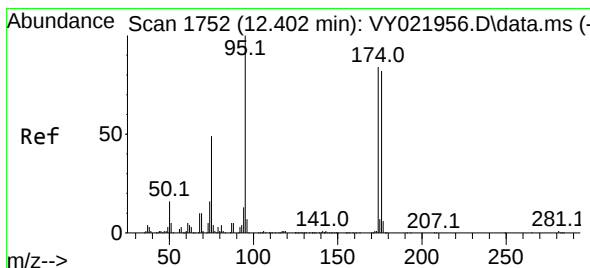
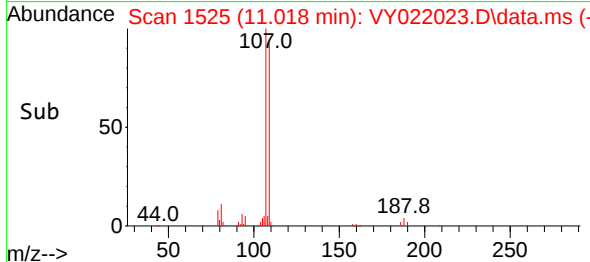
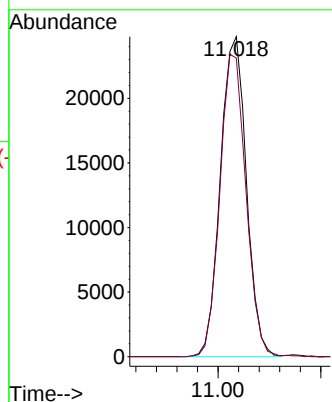
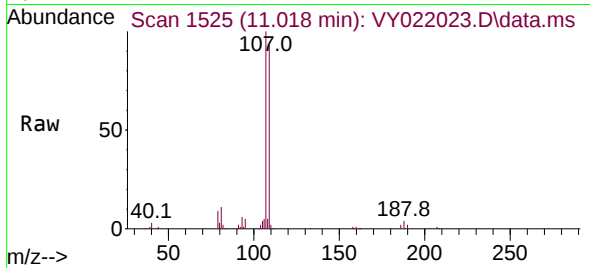




#61
1,2-Dibromoethane
Concen: 19.877 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

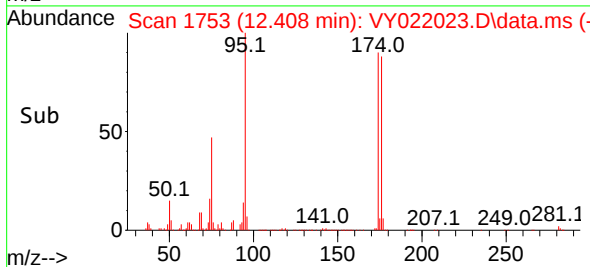
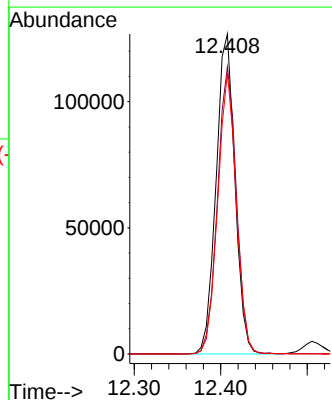
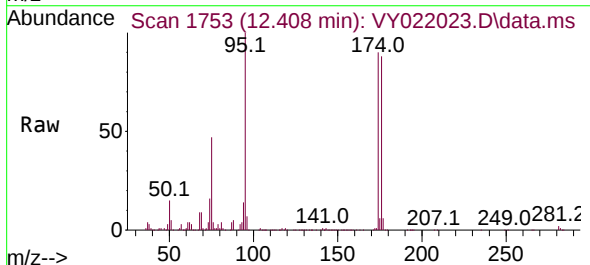
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

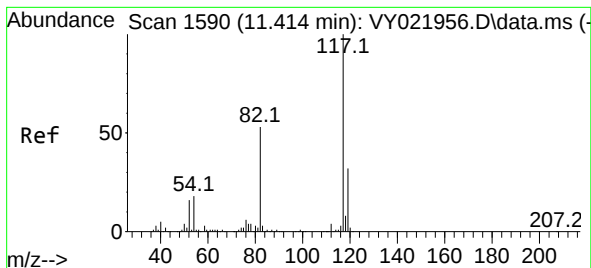
Tgt Ion:107 Resp: 43475
Ion Ratio Lower Upper
107 100
109 94.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.596 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 95 Resp: 191595
Ion Ratio Lower Upper
95 100
174 90.2 0.0 179.0
176 86.0 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: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

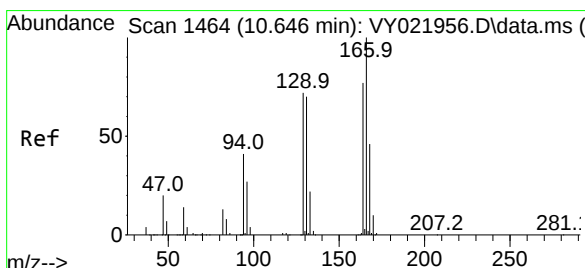
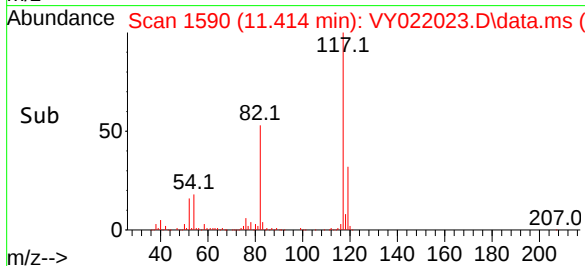
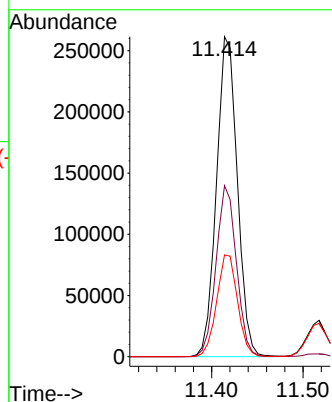
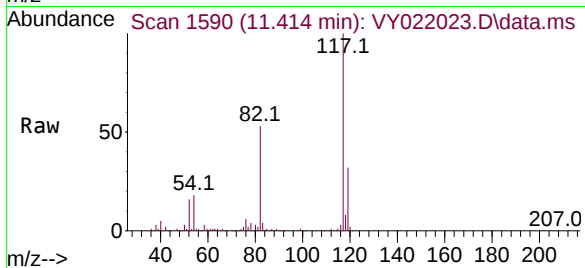
Tgt Ion:117 Resp: 414911

Ion Ratio Lower Upper

117 100

82 53.5 42.1 63.1

119 31.8 25.7 38.5



#64

Tetrachloroethene

Concen: 21.059 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Tgt Ion:164 Resp: 82426

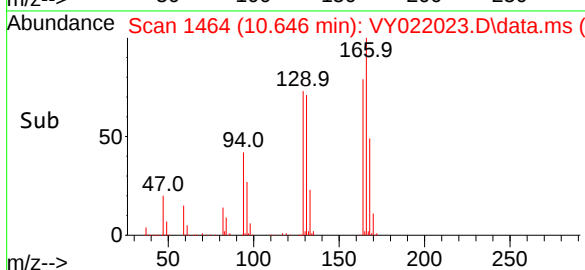
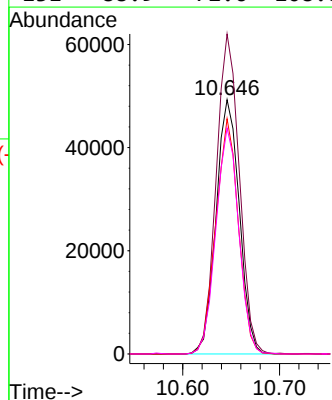
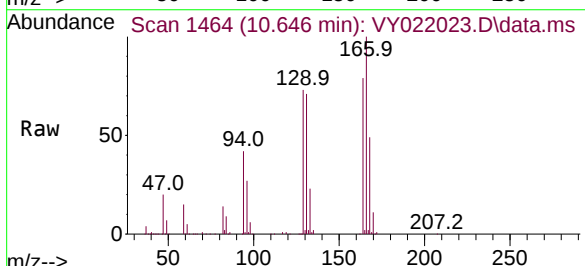
Ion Ratio Lower Upper

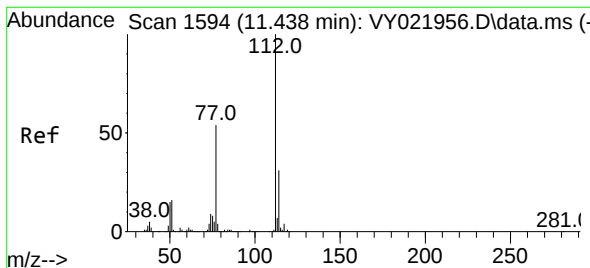
164 100

166 125.9 103.6 155.4

129 92.5 74.2 111.4

131 88.9 72.6 108.8





#65

Chlorobenzene

Concen: 20.501 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

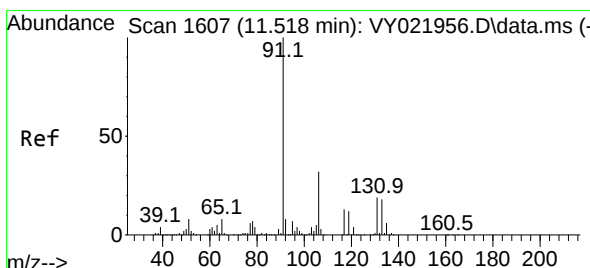
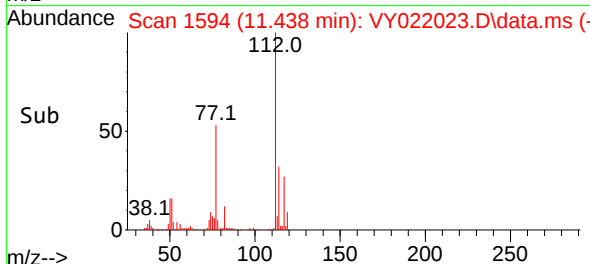
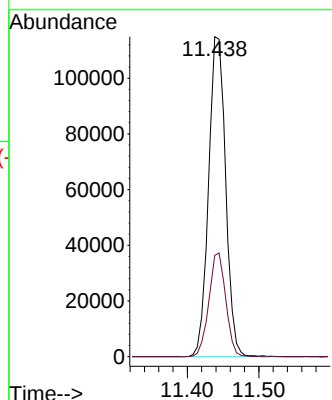
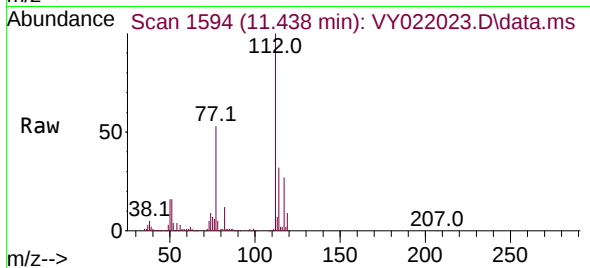
VY0428SBS01

Tgt Ion:112 Resp: 190217

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.626 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

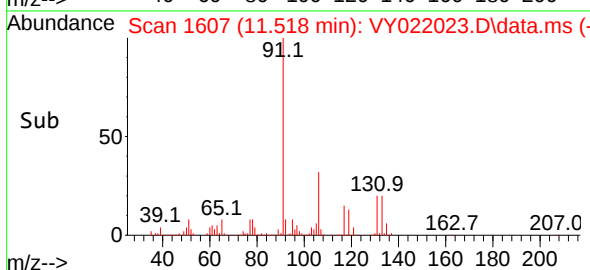
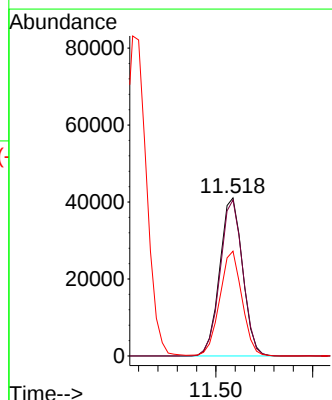
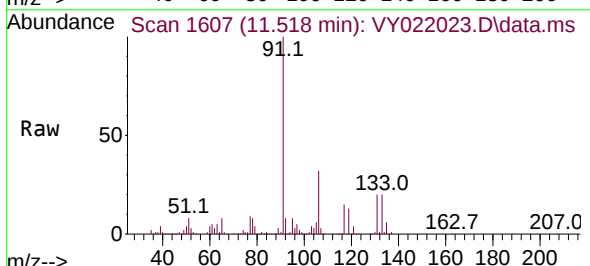
Tgt Ion:131 Resp: 67377

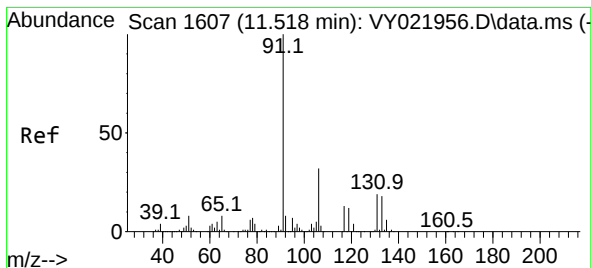
Ion Ratio Lower Upper

131 100

133 97.5 47.8 143.3

119 64.8 32.4 97.0

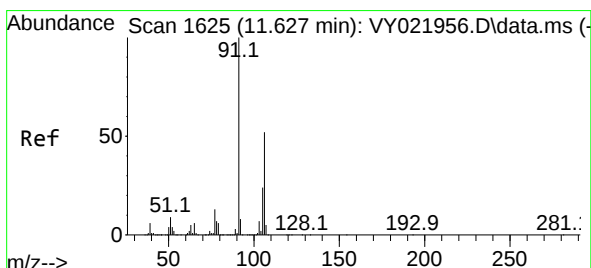
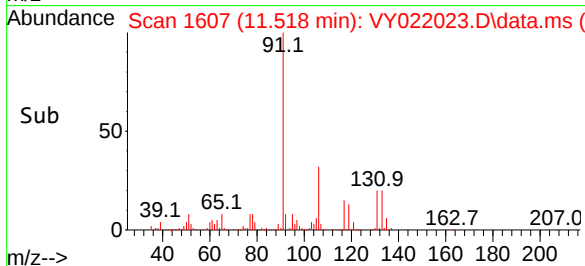
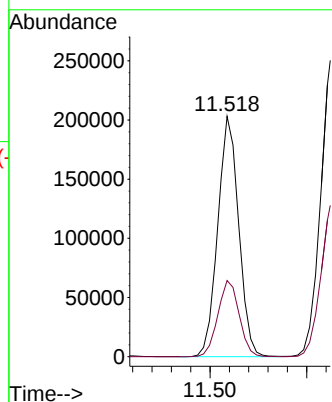
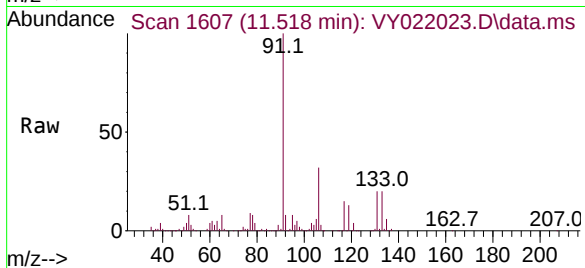




#67
Ethyl Benzene
Concen: 20.037 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

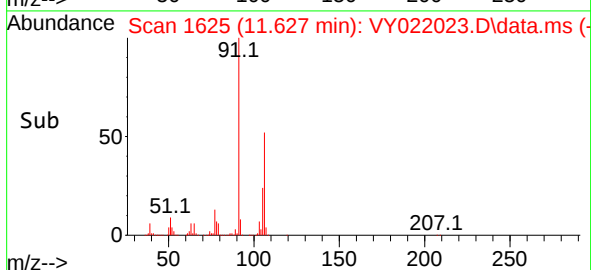
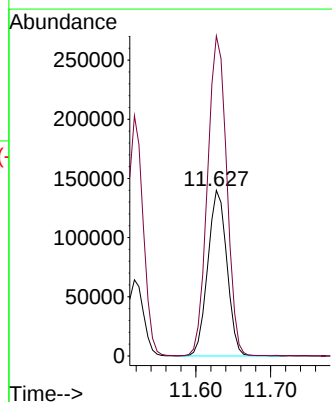
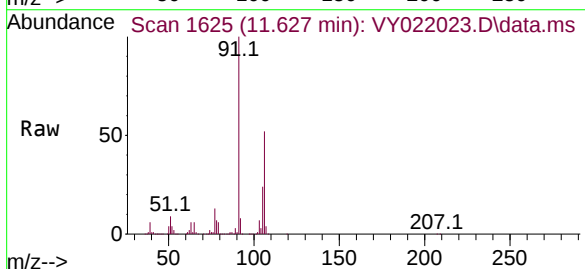
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

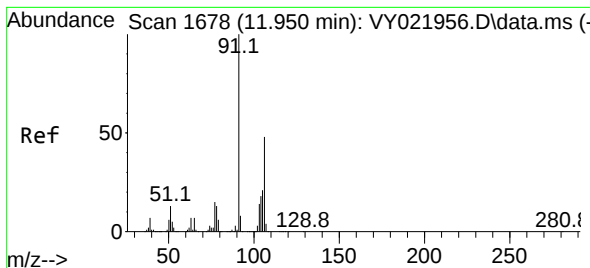
Tgt Ion: 91 Resp: 304126
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 41.224 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 106 Resp: 248981
Ion Ratio Lower Upper
106 100
91 194.2 156.2 234.2





#69

o-Xylene

Concen: 20.203 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

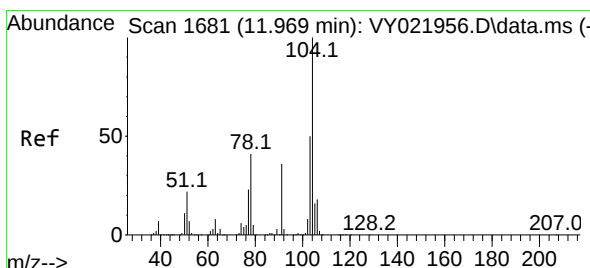
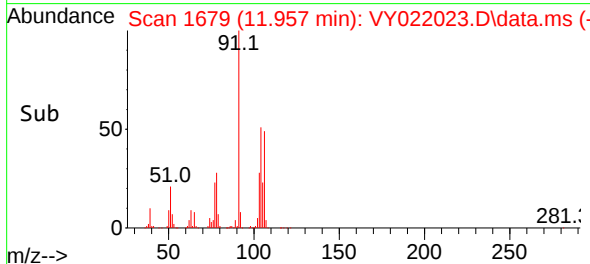
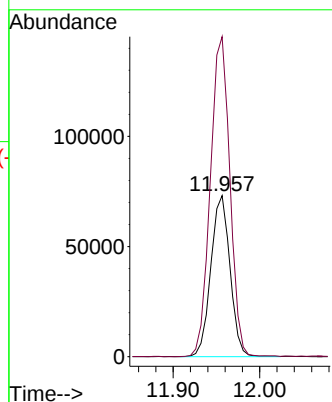
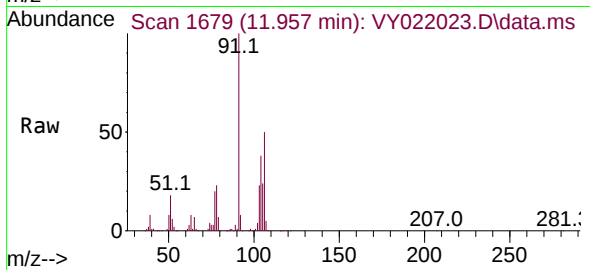
VY0428SBS01

Tgt Ion:106 Resp: 112465

Ion Ratio Lower Upper

106 100

91 203.4 103.0 308.9



#70

Styrene

Concen: 20.189 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

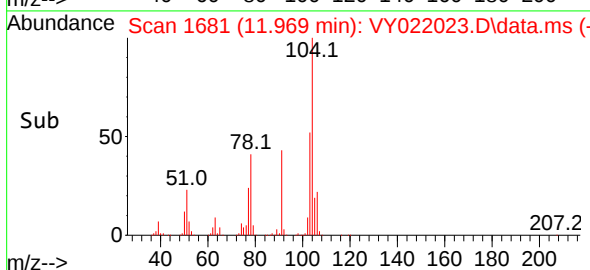
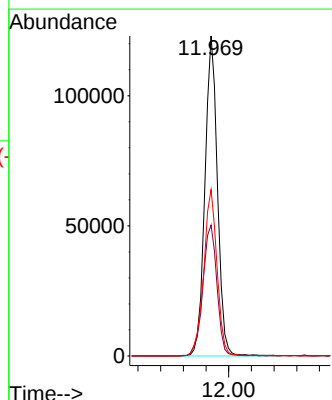
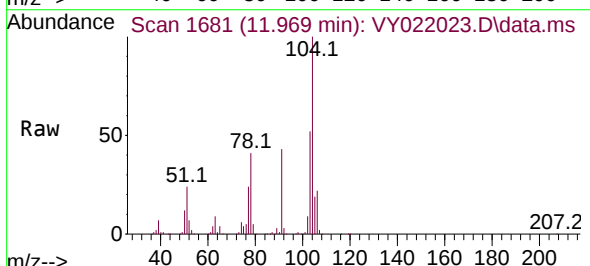
Tgt Ion:104 Resp: 188696

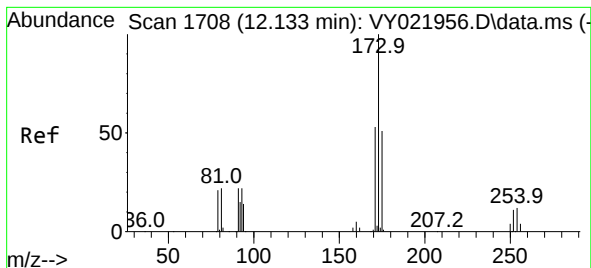
Ion Ratio Lower Upper

104 100

78 45.7 36.6 54.8

103 55.3 43.8 65.8





#71

Bromoform

Concen: 20.361 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

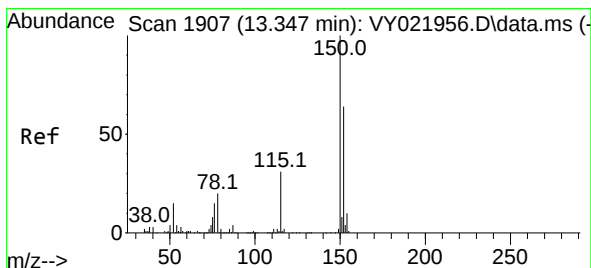
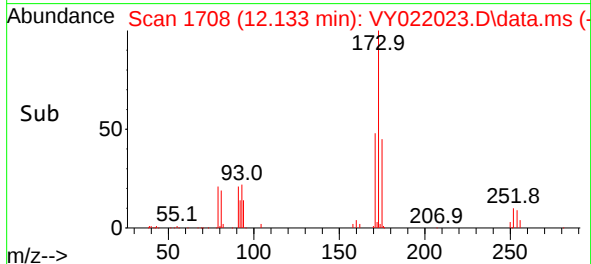
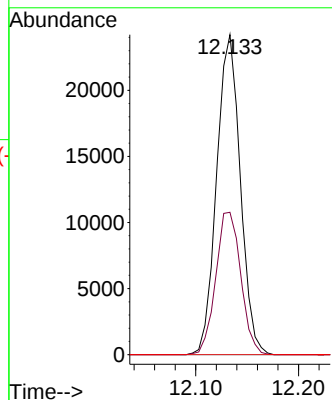
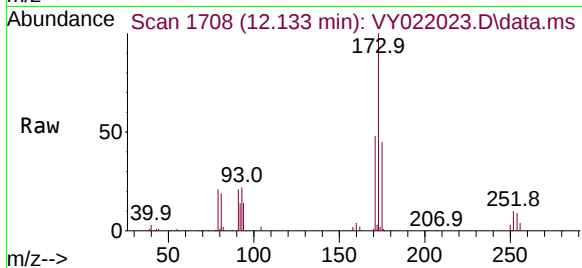
Tgt Ion:173 Resp: 38669

Ion Ratio Lower Upper

173 100

175 47.1 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

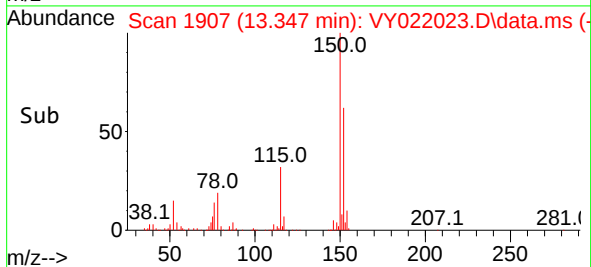
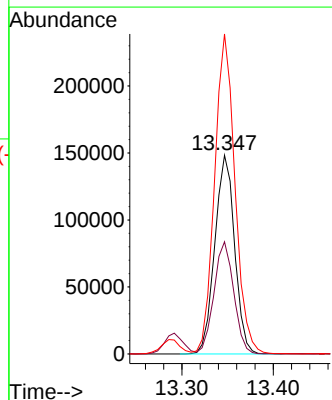
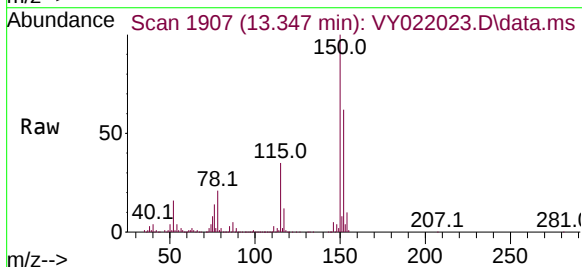
Tgt Ion:152 Resp: 223411

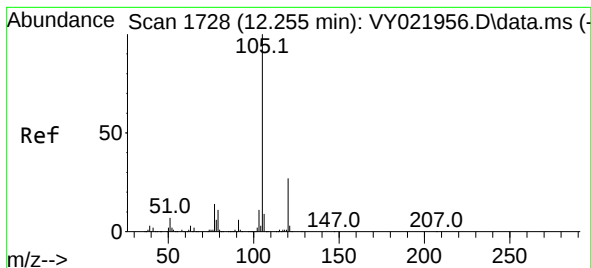
Ion Ratio Lower Upper

152 100

115 56.1 28.0 84.0

150 165.4 0.0 345.6





#73

Isopropylbenzene

Concen: 19.459 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

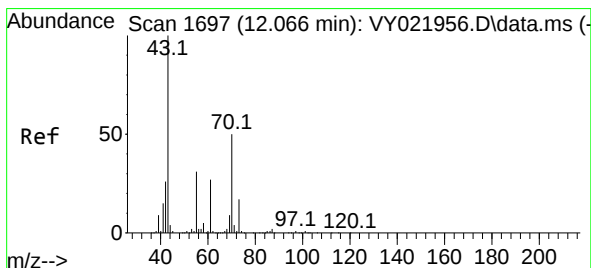
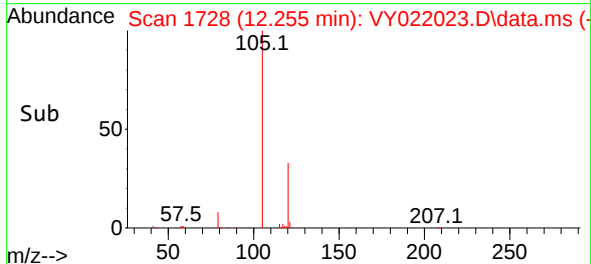
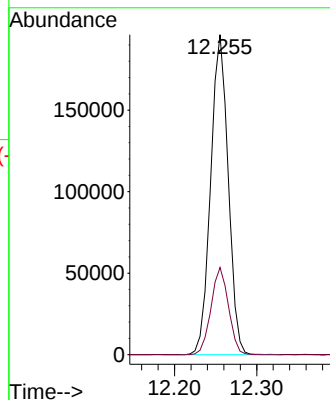
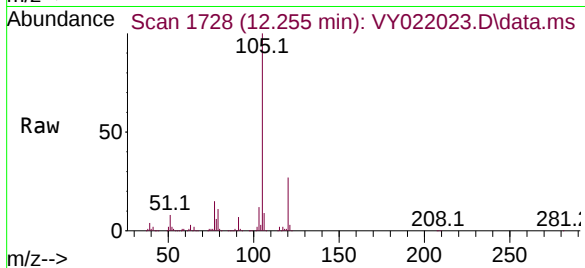
VY0428SBS01

Tgt Ion:105 Resp: 290455

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 16.983 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Tgt Ion: 43 Resp: 43553

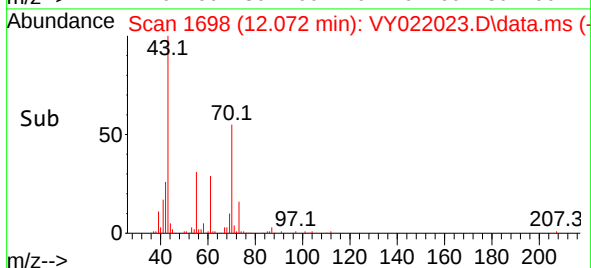
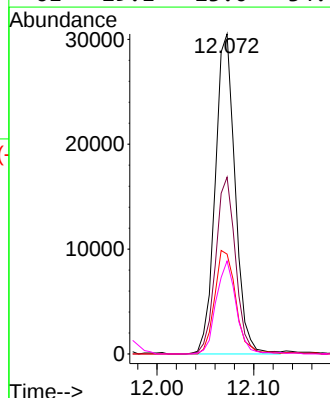
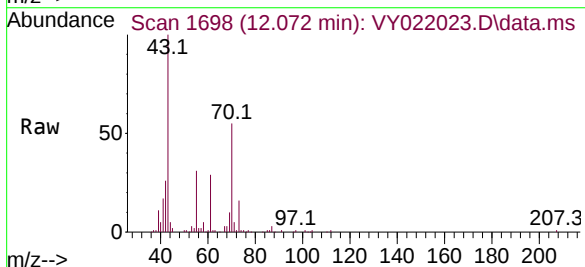
Ion Ratio Lower Upper

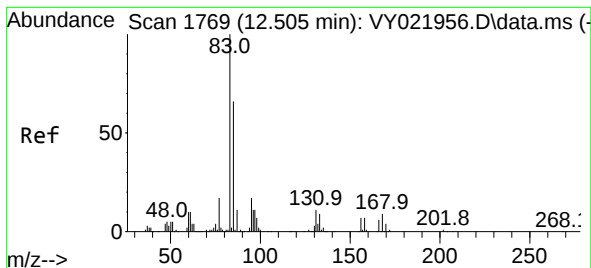
43 100

70 55.2 43.2 64.8

55 34.3 25.7 38.5

61 29.1 23.0 34.6

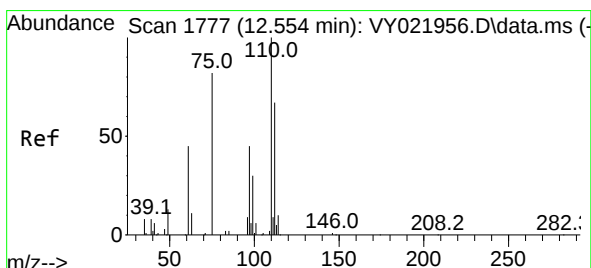
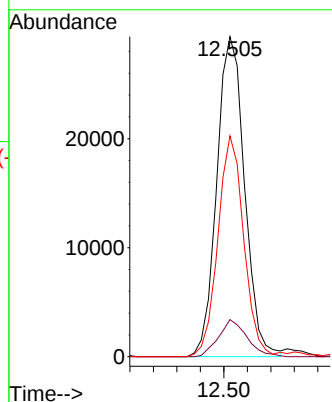
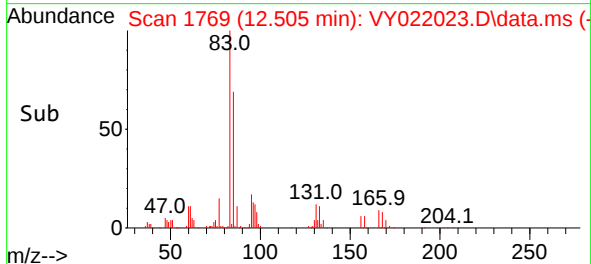
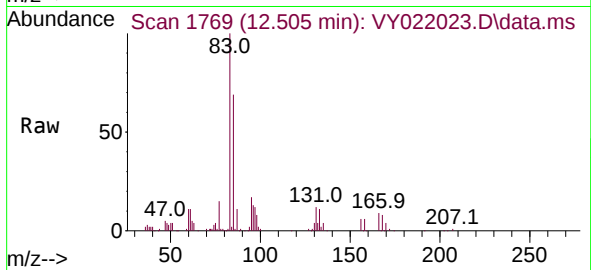




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.156 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

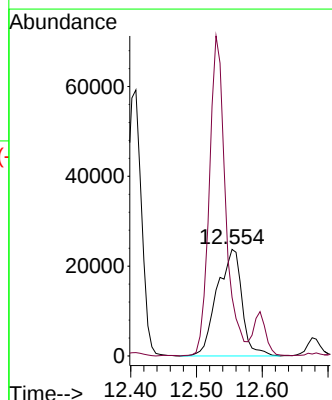
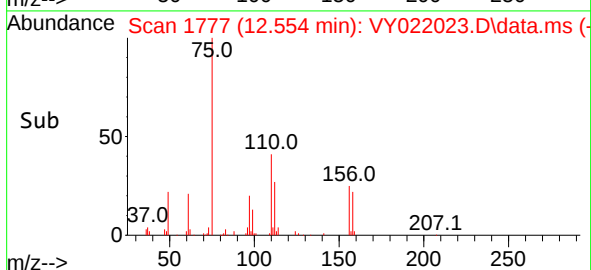
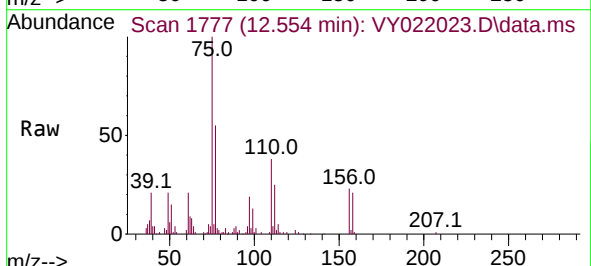
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

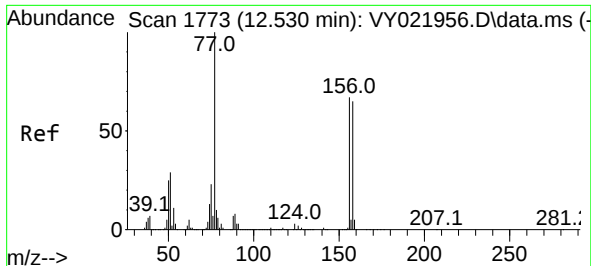
Tgt Ion: 83 Resp: 48206
 Ion Ratio Lower Upper
 83 100
 131 11.8 5.5 16.4
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 32.716 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

Tgt Ion: 75 Resp: 62606
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

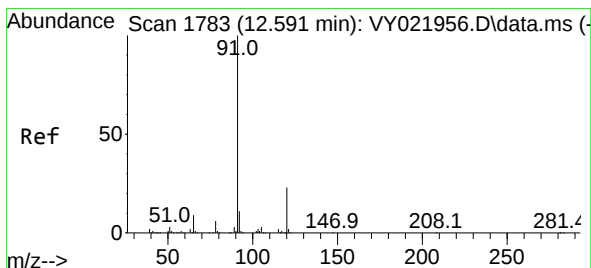
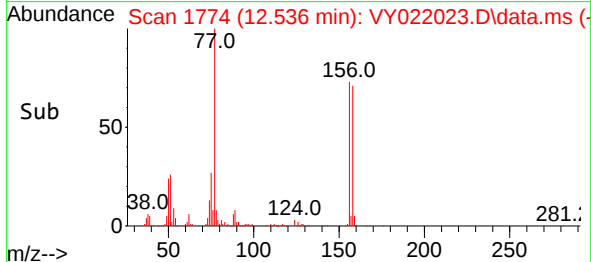
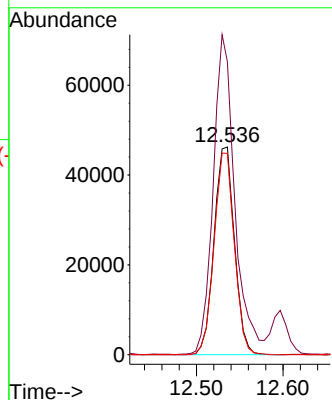
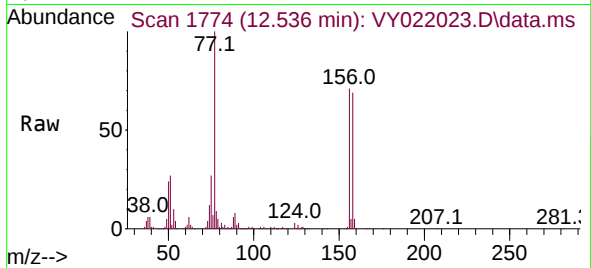




#77
Bromobenzene
Concen: 20.078 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

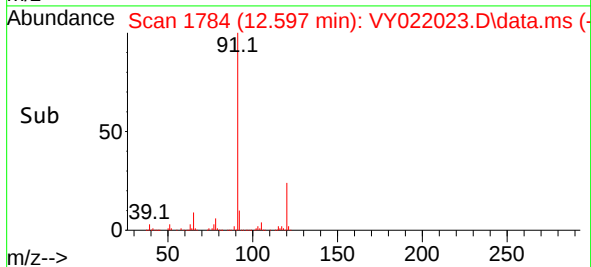
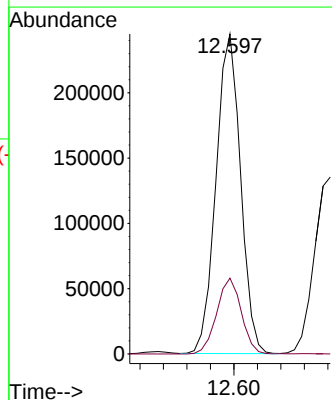
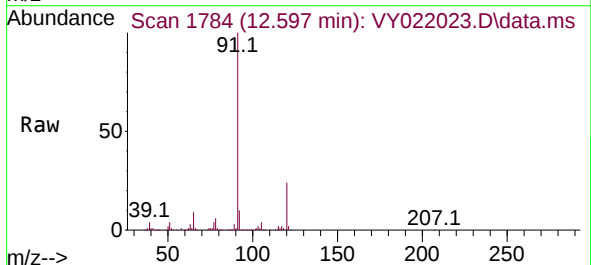
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

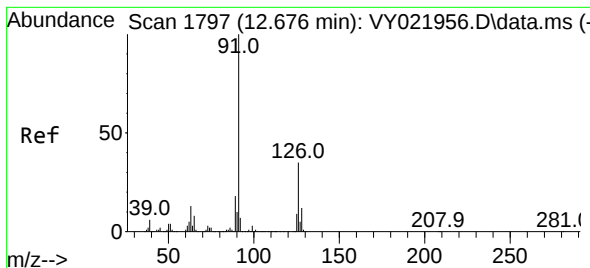
Tgt Ion:156 Resp: 75728
Ion Ratio Lower Upper
156 100
77 163.4 82.7 248.1
158 96.4 48.1 144.4



#78
n-propylbenzene
Concen: 19.960 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 91 Resp: 354794
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.079 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

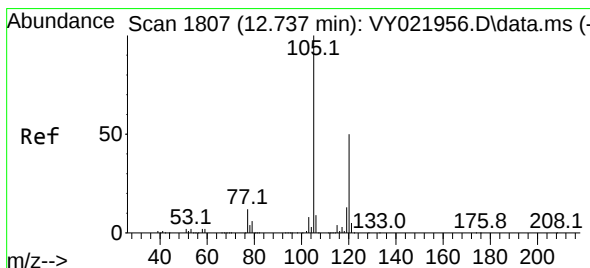
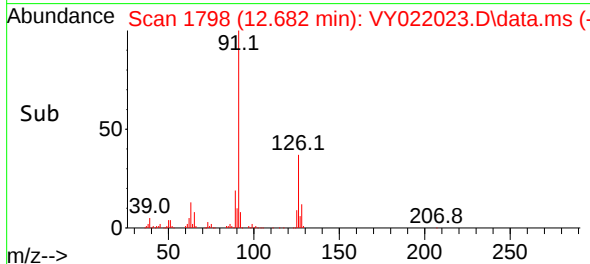
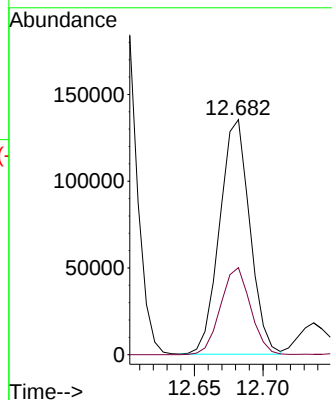
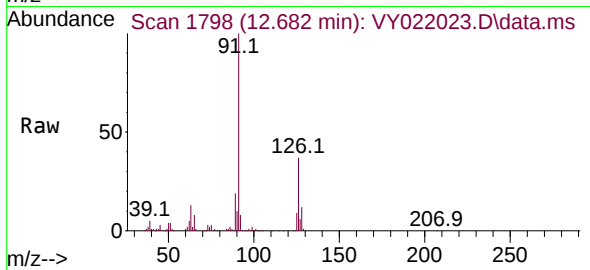
VY0428SBS01

Tgt Ion: 91 Resp: 207565

Ion Ratio Lower Upper

91 100

126 36.8 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 19.969 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022023.D

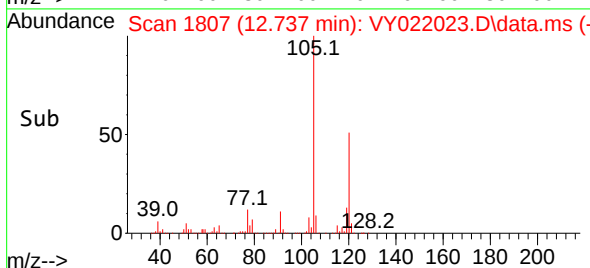
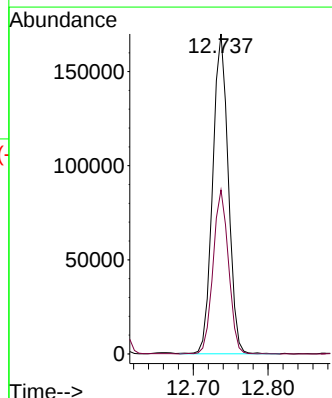
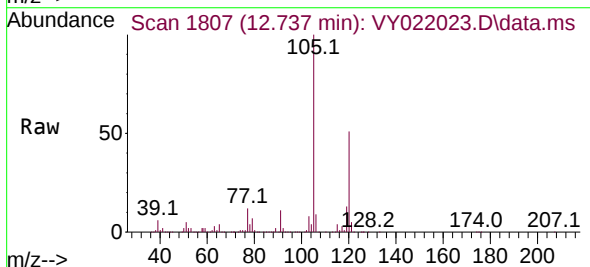
Acq: 28 Apr 2025 11:40

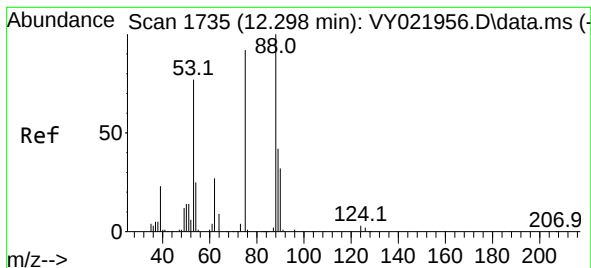
Tgt Ion: 105 Resp: 245588

Ion Ratio Lower Upper

105 100

120 51.0 25.0 75.0

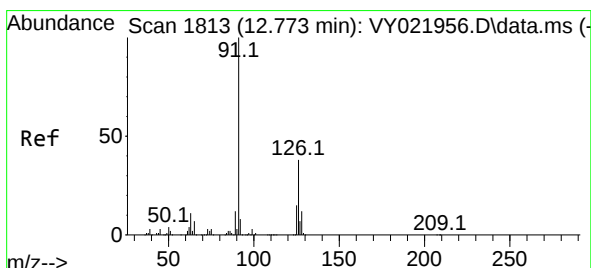
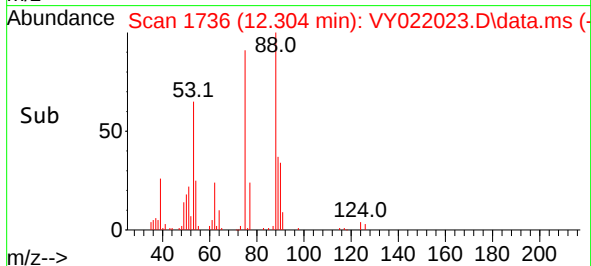
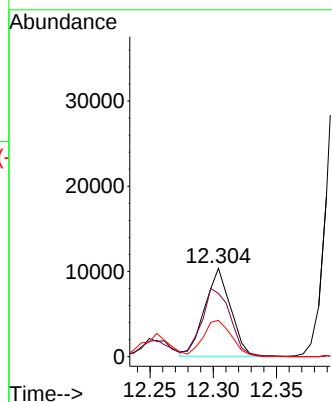
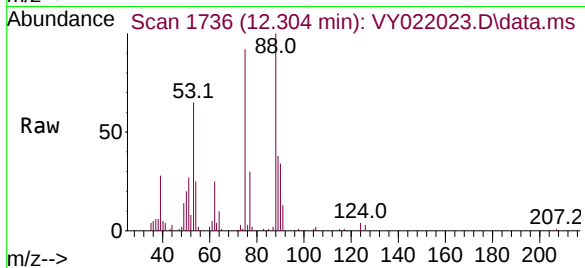




#81
trans-1,4-Dichloro-2-butene
Concen: 18.423 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

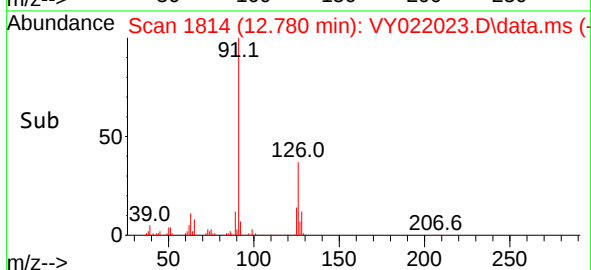
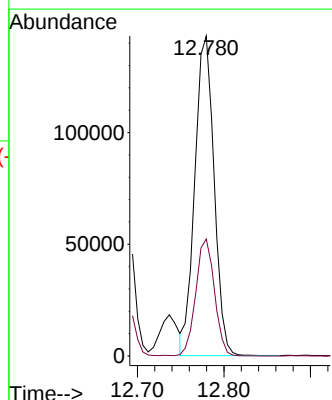
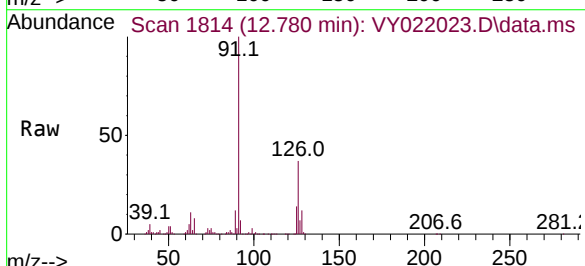
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

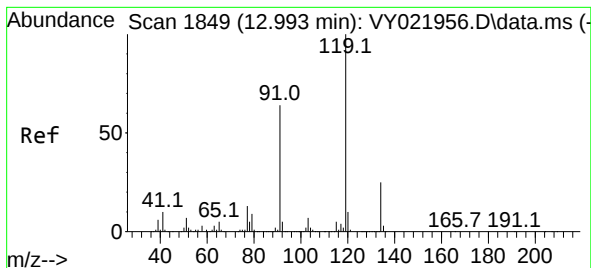
Tgt Ion: 75 Resp: 14640
Ion Ratio Lower Upper
75 100
53 86.3 66.0 99.0
89 45.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.569 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 91 Resp: 221042
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.506 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

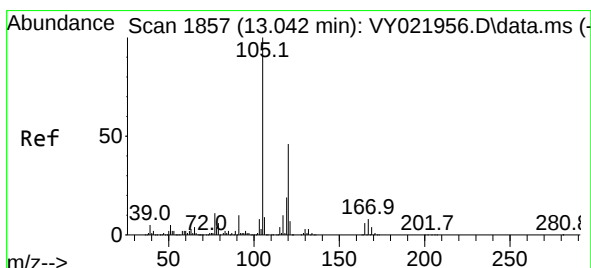
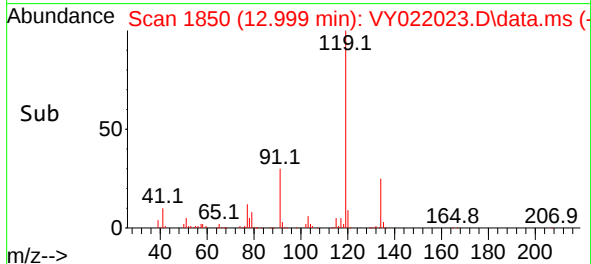
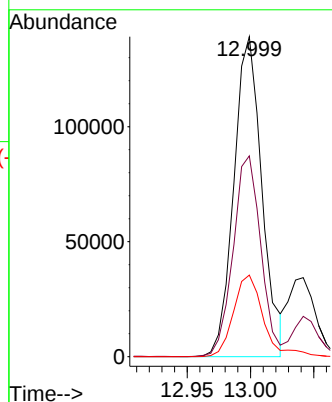
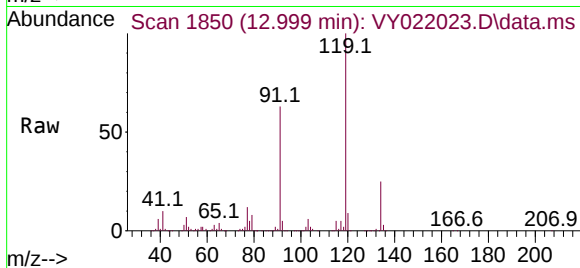
Tgt Ion:119 Resp: 215151

Ion Ratio Lower Upper

119 100

91 61.7 30.3 90.9

134 27.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.992 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022023.D

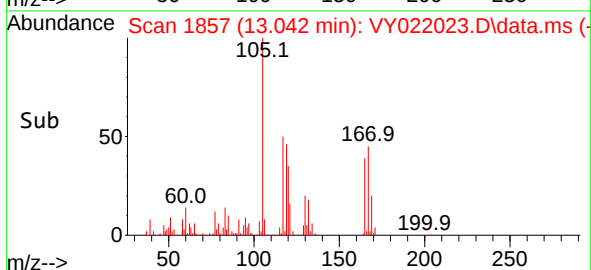
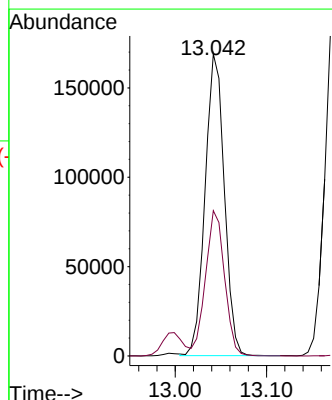
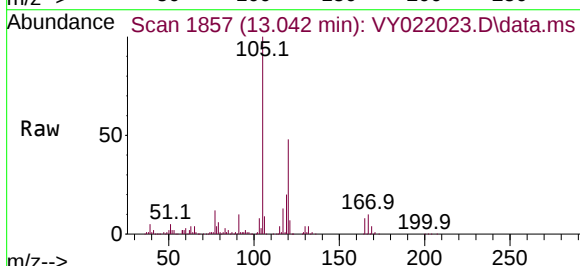
Acq: 28 Apr 2025 11:40

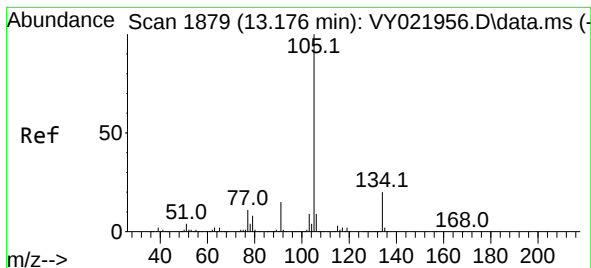
Tgt Ion:105 Resp: 245925

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.740 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

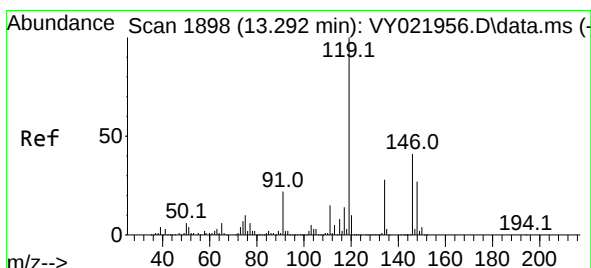
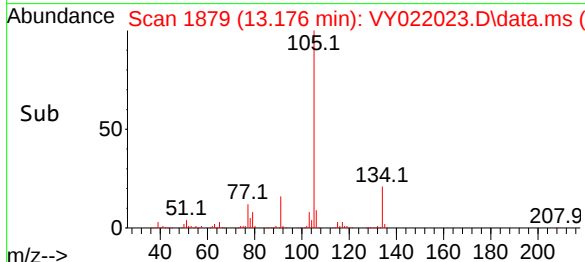
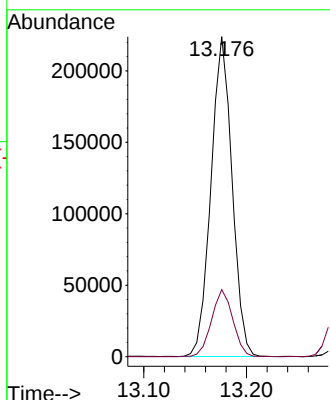
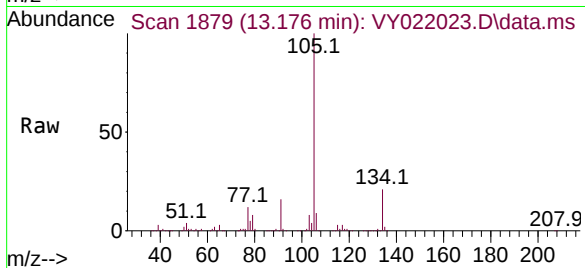
VY0428SBS01

Tgt Ion:105 Resp: 318603

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.757 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

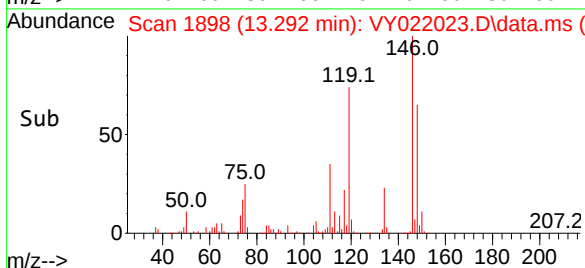
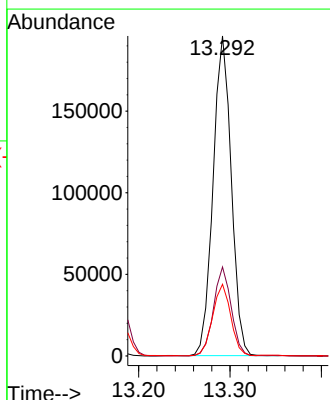
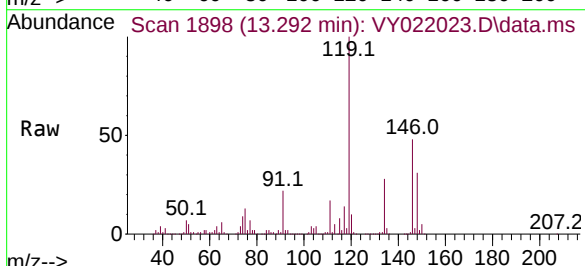
Tgt Ion:119 Resp: 270778

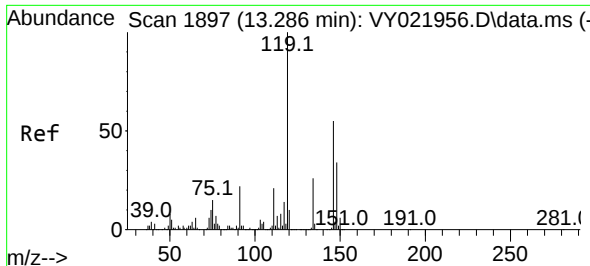
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.3 11.0 33.0

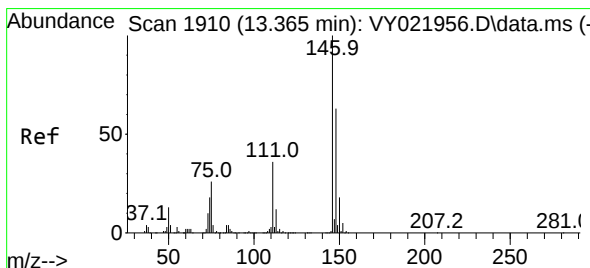
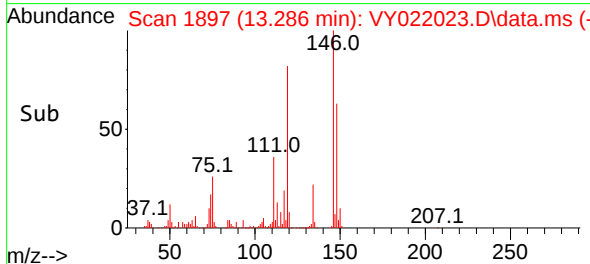
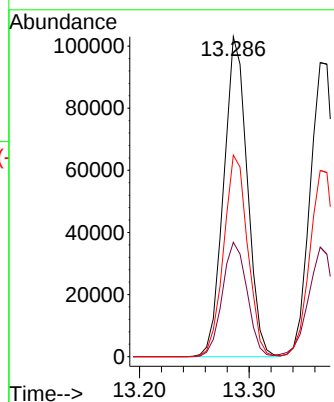
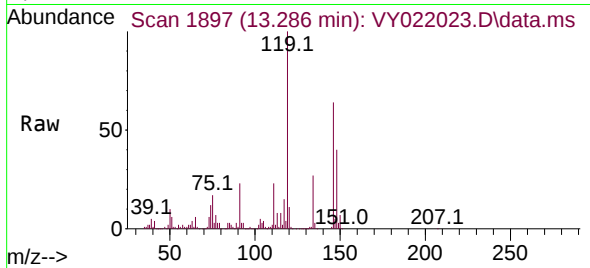




#87
 1,3-Dichlorobenzene
 Concen: 20.135 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

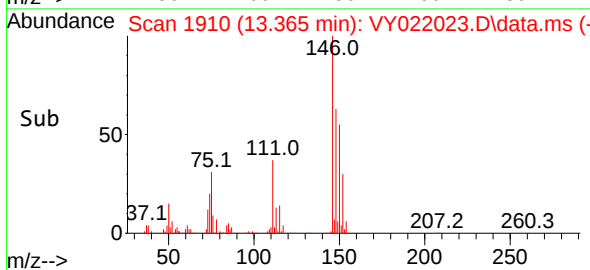
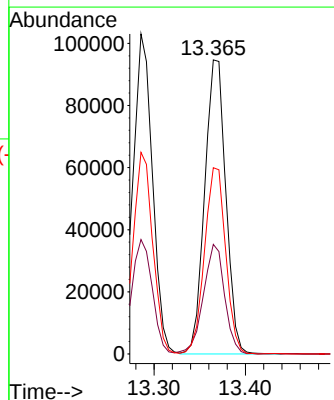
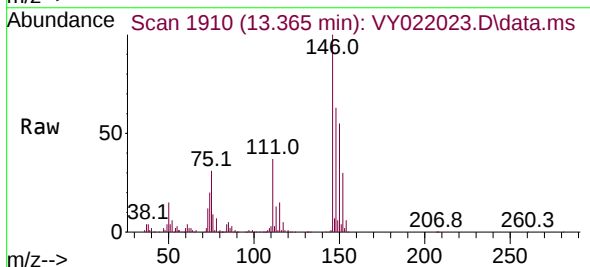
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

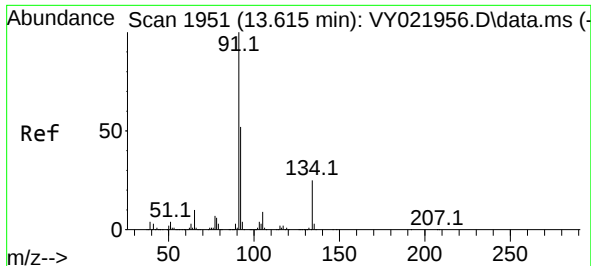
Tgt Ion:146 Resp: 154240
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.025 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022023.D
 Acq: 28 Apr 2025 11:40

Tgt Ion:146 Resp: 151928
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.2 57.6
 148 63.5 32.0 96.0

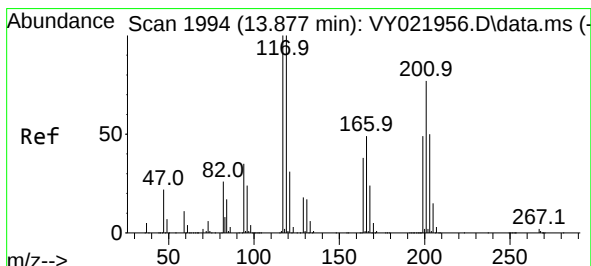
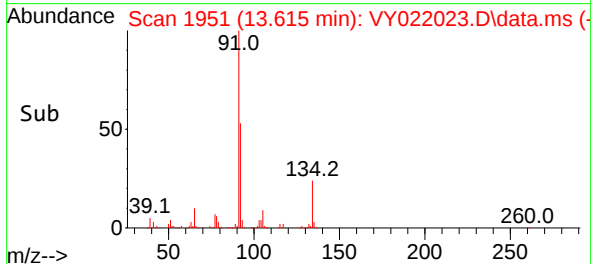
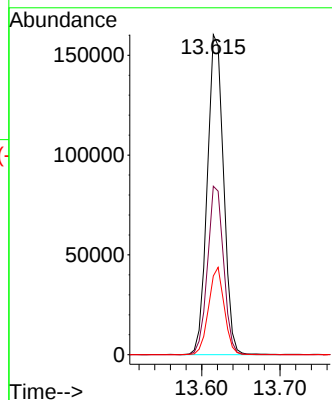
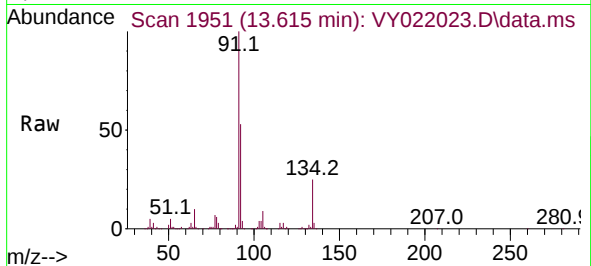




#89
n-Butylbenzene
Concen: 18.871 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

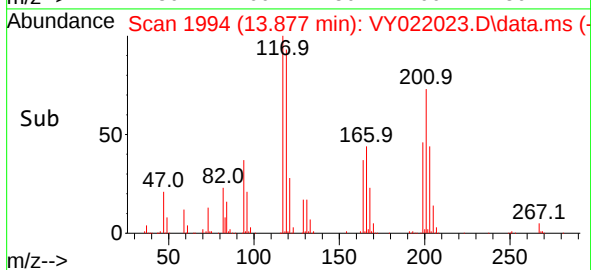
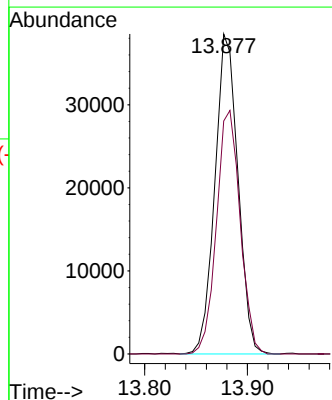
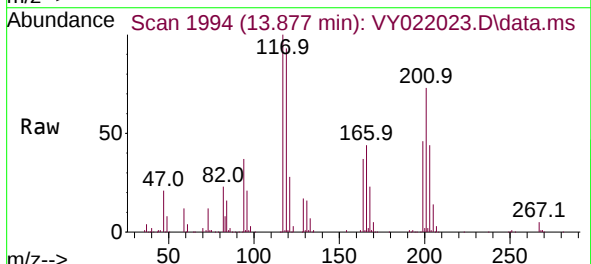
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

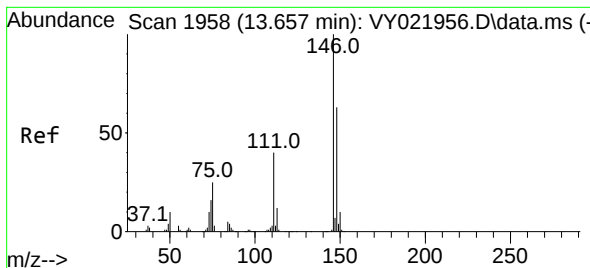
Tgt Ion: 91 Resp: 231179
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 26.3 13.4 40.1



#90
Hexachloroethane
Concen: 19.932 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022023.D
Acq: 28 Apr 2025 11:40

Tgt Ion: 117 Resp: 60020
Ion Ratio Lower Upper
117 100
201 78.0 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 19.923 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

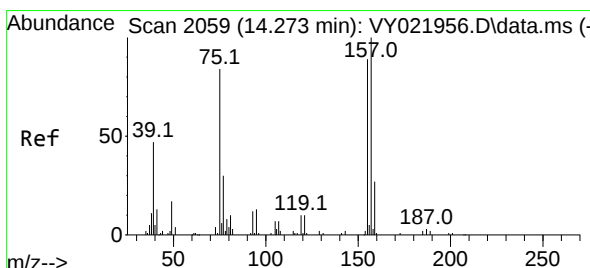
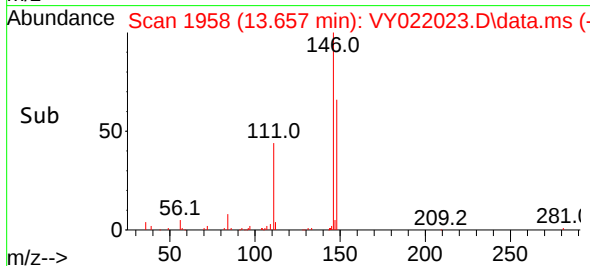
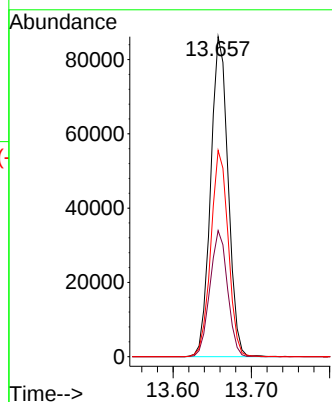
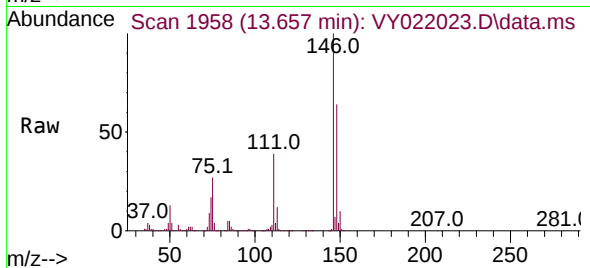
Tgt Ion:146 Resp: 133112

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

148 64.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.675 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

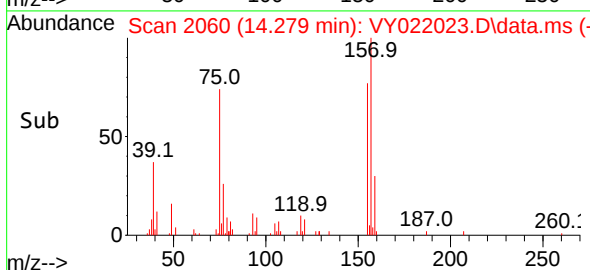
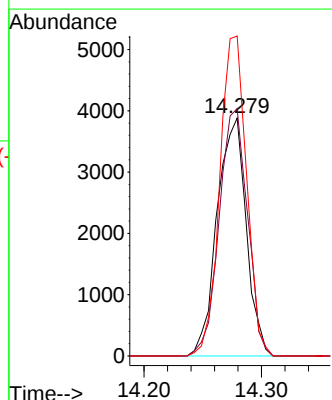
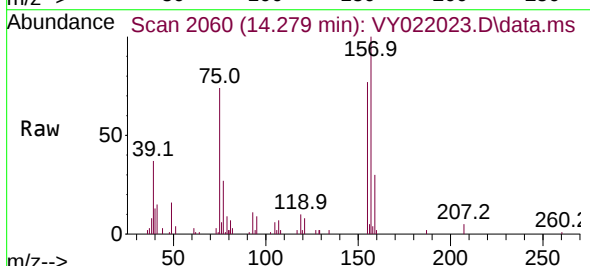
Tgt Ion: 75 Resp: 6676

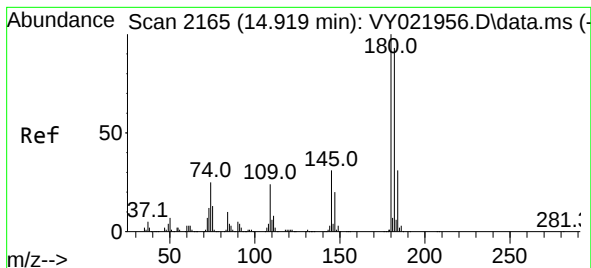
Ion Ratio Lower Upper

75 100

155 100.9 50.7 152.3

157 123.7 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 18.477 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

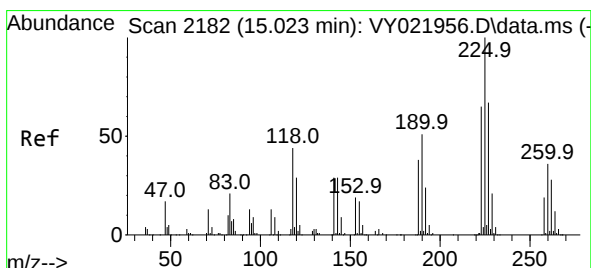
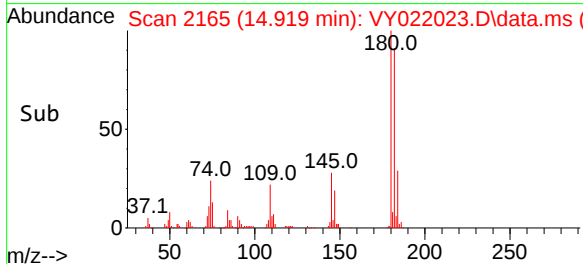
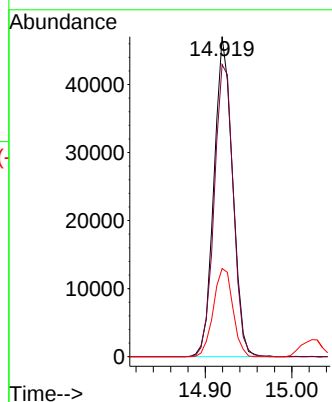
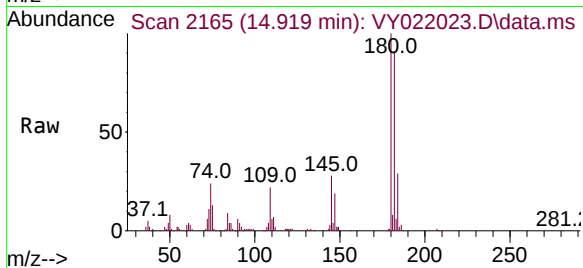
Tgt Ion:180 Resp: 69955

Ion Ratio Lower Upper

180 100

182 94.1 47.1 141.4

145 28.9 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.759 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

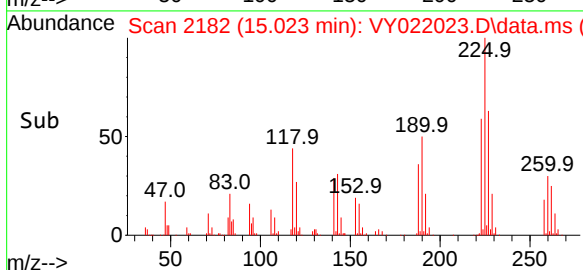
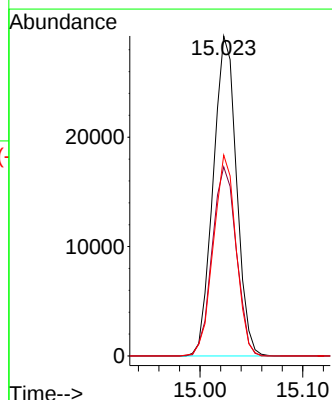
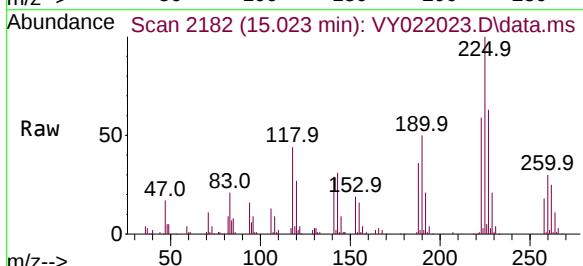
Tgt Ion:225 Resp: 46027

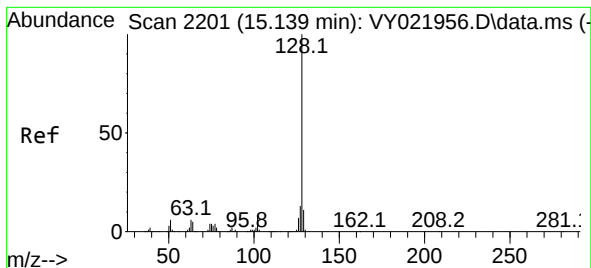
Ion Ratio Lower Upper

225 100

223 61.2 31.9 95.5

227 61.1 32.3 96.9





#95

Naphthalene

Concen: 16.331 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

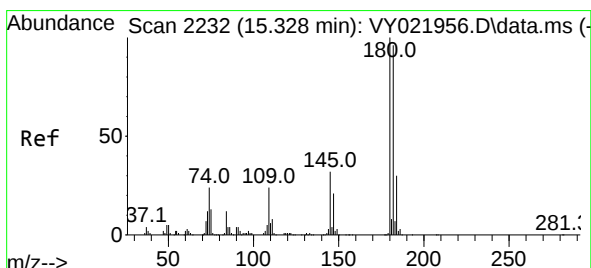
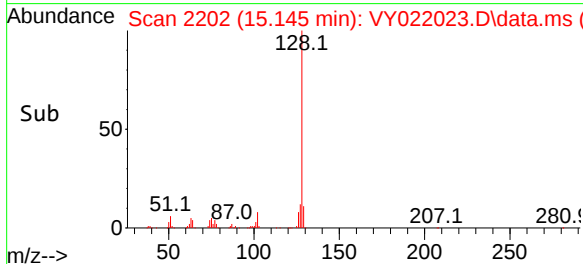
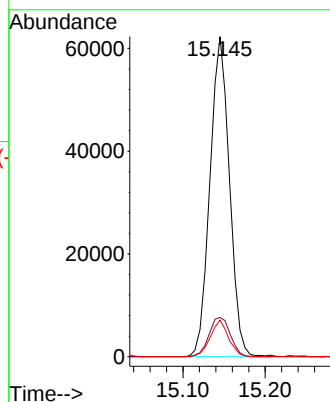
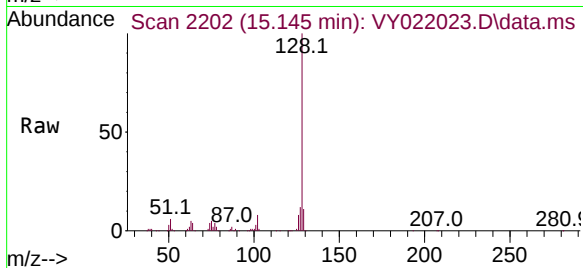
Tgt Ion:128 Resp: 102709

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.375 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022023.D

Acq: 28 Apr 2025 11:40

Tgt Ion:180 Resp: 60052

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.4

145 31.7 16.0 48.0

