

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022021.D
 Acq On : 28 Apr 2025 09:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 29 03:51:56 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	316866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	463292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	436582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	238558	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	133766	45.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.400%
35) Dibromofluoromethane	7.634	113	150892	49.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.109	98	576275	49.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.408	95	195343	50.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.580%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	116076	42.991	ug/l	98
3) Chloromethane	2.068	50	173631	45.163	ug/l	99
4) Vinyl Chloride	2.202	62	214876	45.482	ug/l	99
5) Bromomethane	2.592	94	170113	41.794	ug/l	98
6) Chloroethane	2.733	64	146584	45.558	ug/l	100
7) Trichlorofluoromethane	3.056	101	282306	45.316	ug/l	96
8) Diethyl Ether	3.452	74	70779	43.651	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	151333	44.780	ug/l	100
10) Methyl Iodide	4.007	142	183769	46.967	ug/l	99
11) Tert butyl alcohol	4.866	59	35986	223.960	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	140007	44.447	ug/l	95
13) Acrolein	3.653	56	39920	138.423	ug/l	96
14) Allyl chloride	4.385	41	163390	44.547	ug/l	99
15) Acrylonitrile	5.061	53	136206	229.455	ug/l	99
16) Acetone	3.873	43	91801	238.658	ug/l	94
17) Carbon Disulfide	4.104	76	452882	45.091	ug/l	99
18) Methyl Acetate	4.391	43	75409	55.156	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	328254	46.559	ug/l	98
20) Methylene Chloride	4.616	84	156196	42.205	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	162653	46.106	ug/l	99
22) Diisopropyl ether	6.019	45	385976	47.287	ug/l	98
23) Vinyl Acetate	5.964	43	1009046	229.383	ug/l	100
24) 1,1-Dichloroethane	5.915	63	257272	45.472	ug/l #	97
25) 2-Butanone	6.896	43	151911	227.698	ug/l	96
26) 2,2-Dichloropropane	6.884	77	226836	45.744	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	181037	45.895	ug/l	100
28) Bromochloromethane	7.244	49	102834	46.794	ug/l	99
29) Tetrahydrofuran	7.268	42	105859	244.304	ug/l	100
30) Chloroform	7.421	83	292396	46.592	ug/l	98
31) Cyclohexane	7.701	56	211764	43.769	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	262924	46.308	ug/l	99
36) 1,1-Dichloropropene	7.835	75	202515	49.257	ug/l	100
37) Ethyl Acetate	6.988	43	72715	49.244	ug/l	98
38) Carbon Tetrachloride	7.817	117	246873	50.250	ug/l	98
39) Methylcyclohexane	9.109	83	248104	47.952	ug/l	97
40) Benzene	8.079	78	631630	49.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	40961	50.745	ug/l	96
42) 1,2-Dichloroethane	8.158	62	157468	49.487	ug/l	100
43) Isopropyl Acetate	8.201	43	136500	48.136	ug/l	100
44) Trichloroethene	8.866	130	172375	48.422	ug/l	95
45) 1,2-Dichloropropane	9.140	63	139620	49.124	ug/l	100
46) Dibromomethane	9.231	93	88811	49.917	ug/l	98
47) Bromodichloromethane	9.420	83	222855	50.140	ug/l	100
48) Methyl methacrylate	9.225	41	66889	51.025	ug/l	98
49) 1,4-Dioxane	9.237	88	18782	990.448	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	390922	262.978	ug/l	100
52) Toluene	10.170	92	422400	50.774	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	191764	50.300	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	226727	50.030	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	121704	51.210	ug/l	98
56) Ethyl methacrylate	10.438	69	138287	50.883	ug/l	99
57) 1,3-Dichloropropane	10.719	76	191690	50.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	364363	274.205	ug/l	99
59) 2-Hexanone	10.762	43	261097	266.294	ug/l	100
60) Dibromochloromethane	10.914	129	169983	51.661	ug/l	100
61) 1,2-Dibromoethane	11.018	107	116441	51.898	ug/l	99
64) Tetrachloroethene	10.646	164	201169	48.844	ug/l	96
65) Chlorobenzene	11.444	112	469987	48.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	171117	49.785	ug/l	99
67) Ethyl Benzene	11.518	91	787306	49.296	ug/l	100
68) m/p-Xylenes	11.627	106	644900	101.477	ug/l	98
69) o-Xylene	11.957	106	294379	50.257	ug/l	99
70) Styrene	11.969	104	508377	51.691	ug/l	99
71) Bromoform	12.133	173	102919	51.502	ug/l #	99
73) Isopropylbenzene	12.255	105	770147	48.321	ug/l	99
74) N-amyl acetate	12.072	43	125014	45.653	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	128769	47.921	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	169505	82.954	ug/l #	100
77) Bromobenzene	12.530	156	193416	48.026	ug/l	99
78) n-propylbenzene	12.597	91	918990	48.417	ug/l	99
79) 2-Chlorotoluene	12.682	91	522771	47.359	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	649179	49.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	39219	46.220	ug/l	97
82) 4-Chlorotoluene	12.780	91	552085	48.113	ug/l	100
83) tert-Butylbenzene	12.999	119	564883	47.962	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	652719	49.692	ug/l	99
85) sec-Butylbenzene	13.176	105	833063	48.338	ug/l	99
86) p-Isopropyltoluene	13.292	119	718809	49.118	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	393855	48.150	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	383054	47.284	ug/l	99
89) n-Butylbenzene	13.621	91	619718	47.376	ug/l	100
90) Hexachloroethane	13.883	117	149402	46.466	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	342527	48.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20568	48.111	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	194321	48.066	ug/l	100
94) Hexachlorobutadiene	15.023	225	119092	47.878	ug/l	98
95) Naphthalene	15.145	128	333693	49.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	172423	49.408	ug/l	98

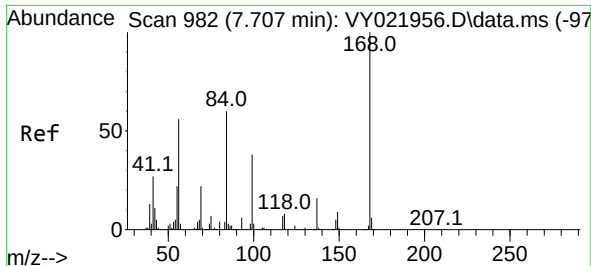
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
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Response via : Initial Calibration

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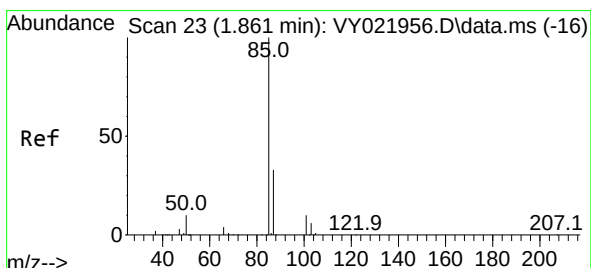
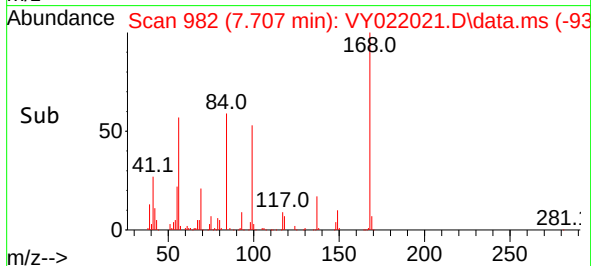
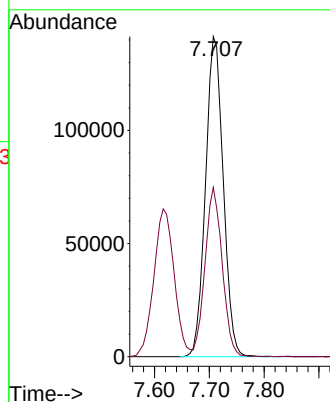
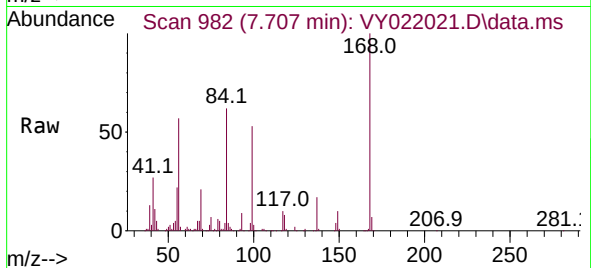
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

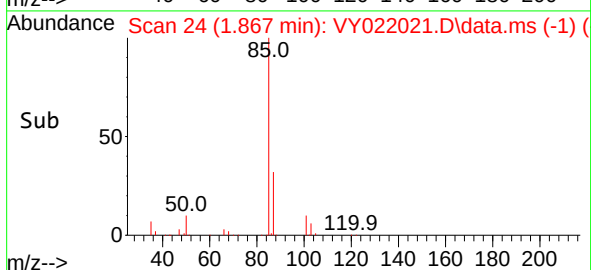
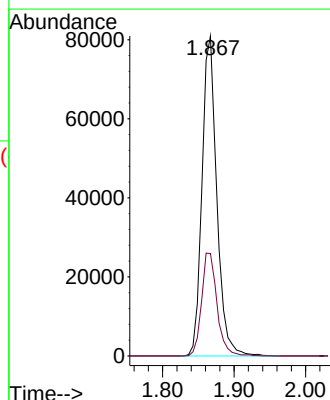
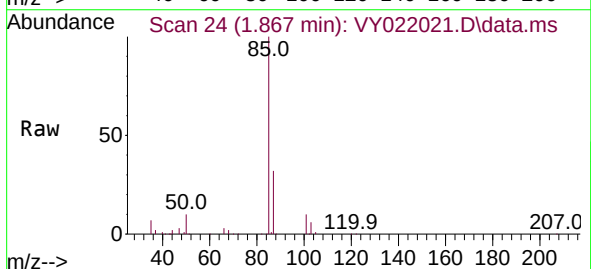
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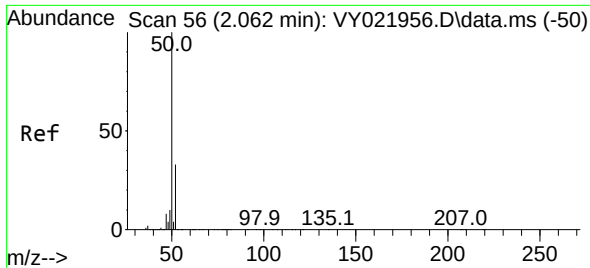
Tgt Ion:168 Resp: 316866
Ion Ratio Lower Upper
168 100
99 52.8 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 42.991 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 85 Resp: 116076
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7

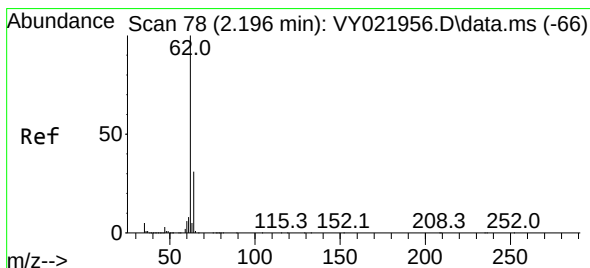
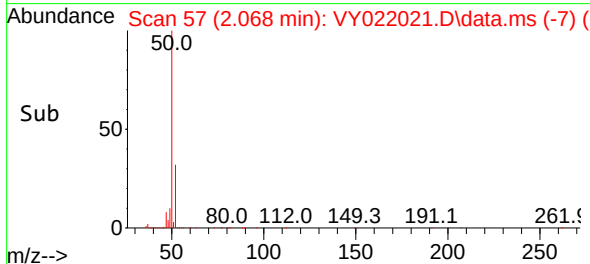
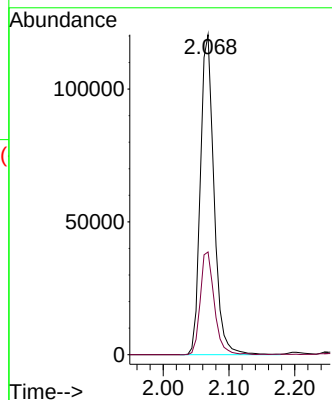
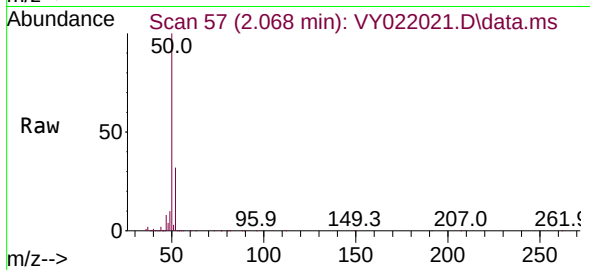




#3
Chloromethane
Concen: 45.163 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

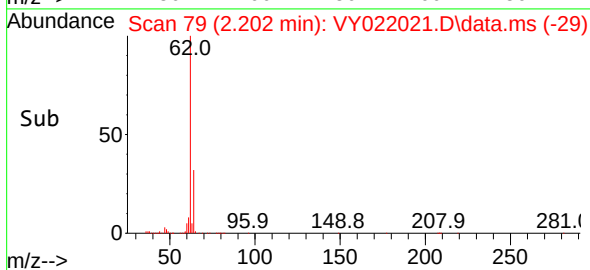
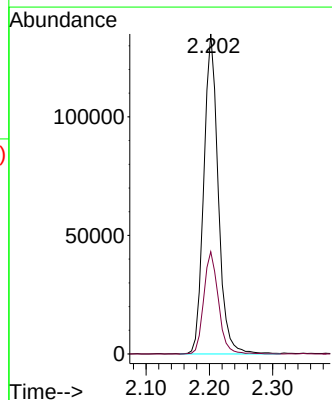
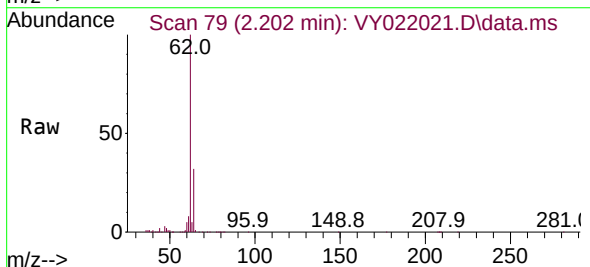
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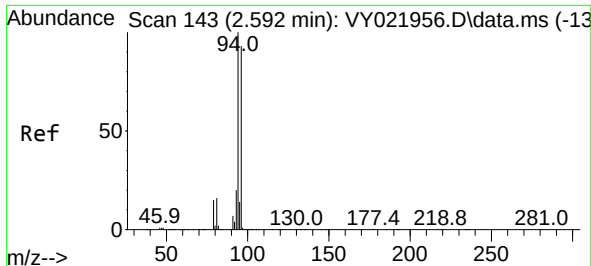
Tgt Ion: 50 Resp: 173631
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 45.482 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 62 Resp: 214876
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7

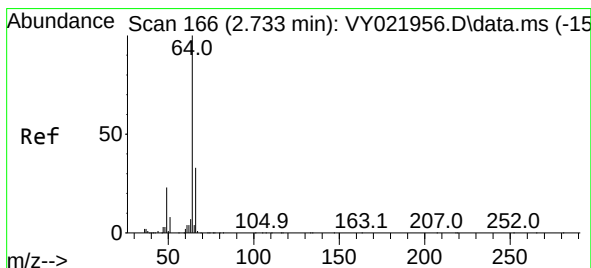
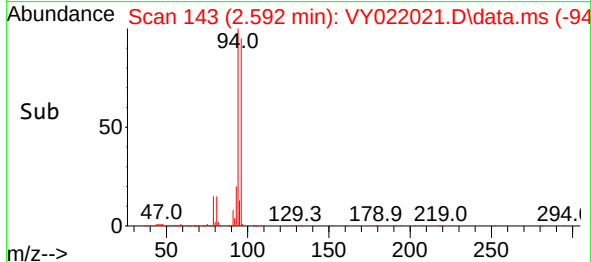
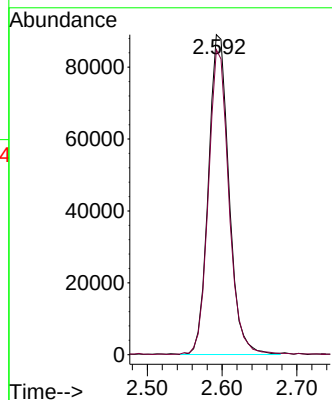
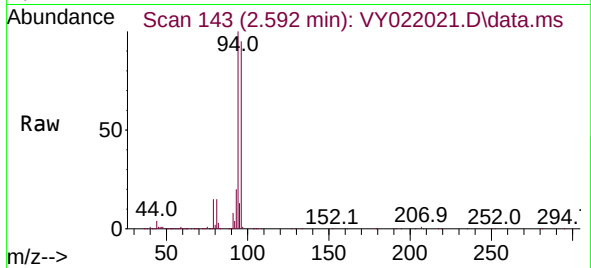




#5
Bromomethane
Concen: 41.794 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

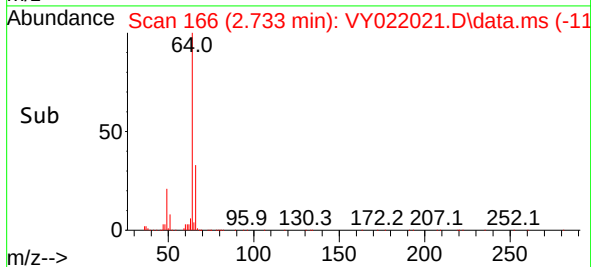
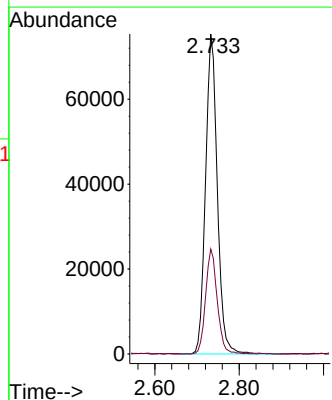
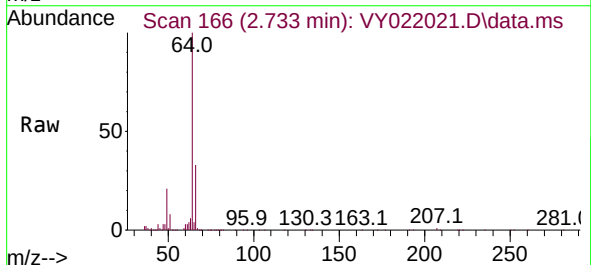
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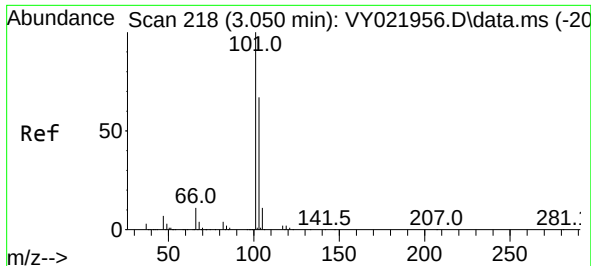
Tgt Ion: 94 Resp: 170113
Ion Ratio Lower Upper
94 100
96 95.2 74.6 111.8



#6
Chloroethane
Concen: 45.558 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 64 Resp: 146584
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

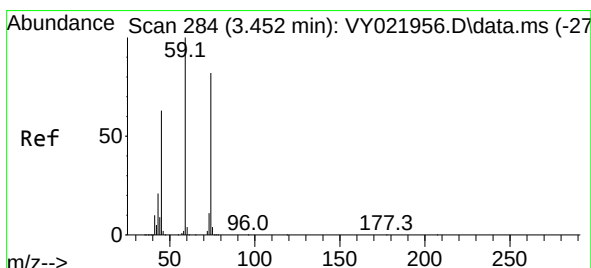
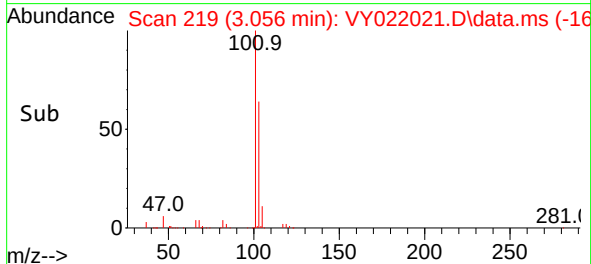
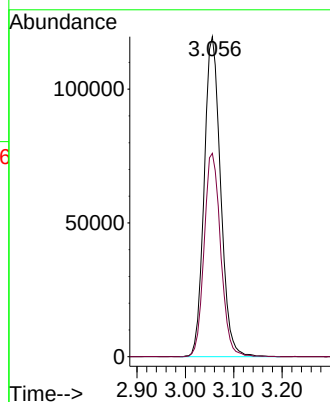
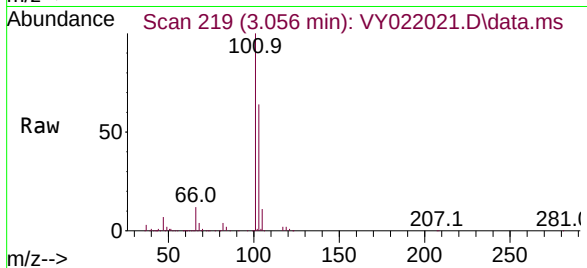




#7
 Trichlorofluoromethane
 Concen: 45.316 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

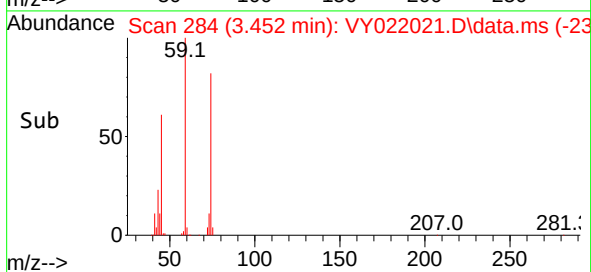
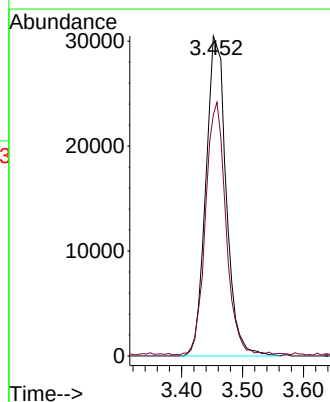
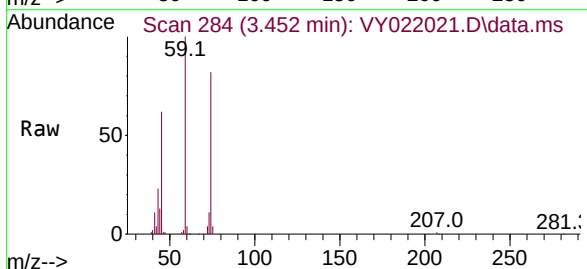
Instrument :
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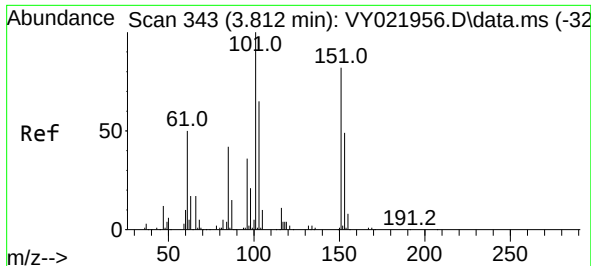
Tgt Ion:101 Resp: 282306
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.6 80.4



#8
 Diethyl Ether
 Concen: 43.651 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

Tgt Ion: 74 Resp: 70779
 Ion Ratio Lower Upper
 74 100
 45 79.4 39.1 117.5

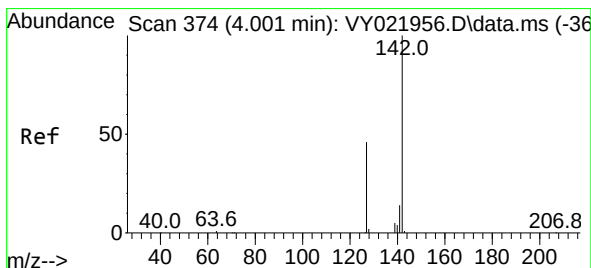
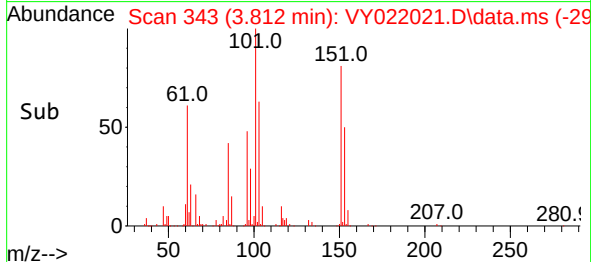
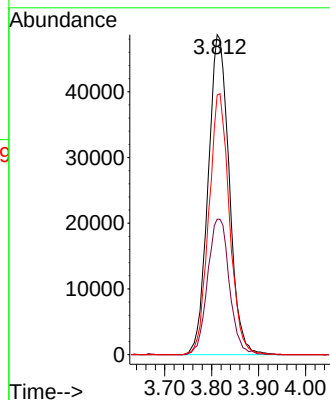
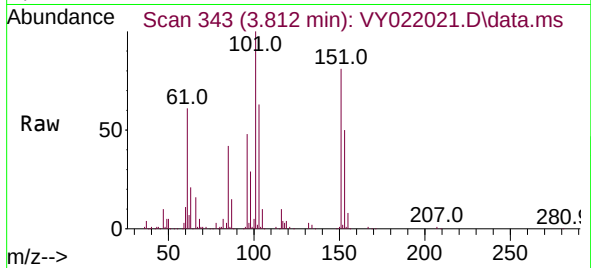




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.780 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022021.D
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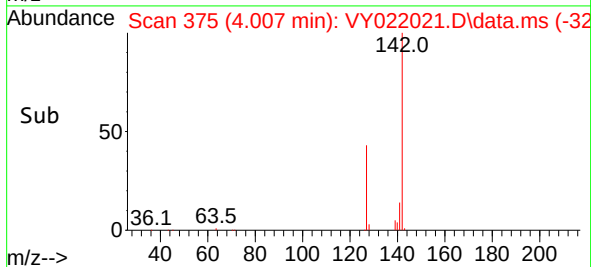
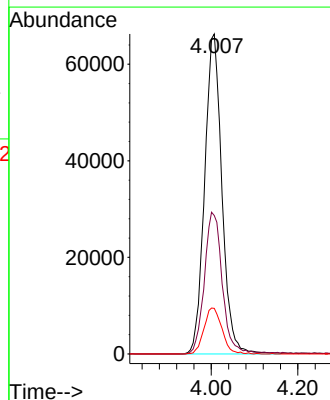
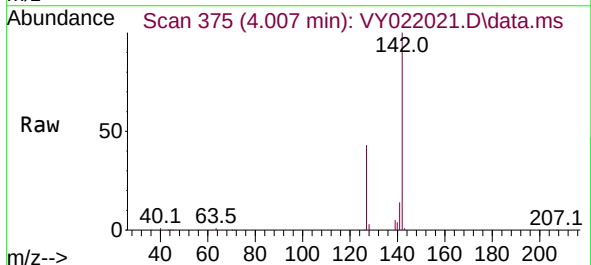
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ClientSampleId :
VSTDCCC050

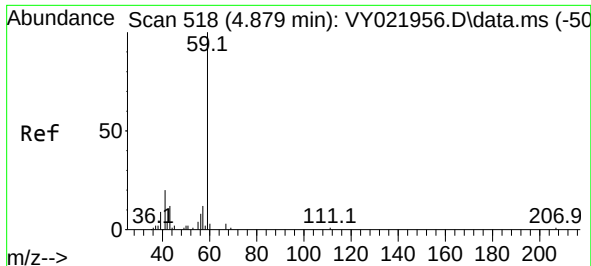
Tgt Ion:101 Resp: 151333
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 79.7 63.7 95.5



#10
Methyl Iodide
Concen: 46.967 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion:142 Resp: 183769
Ion Ratio Lower Upper
142 100
127 46.0 36.2 54.2
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 223.960 ug/l

RT: 4.866 min Scan# 518

Delta R.T. -0.012 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

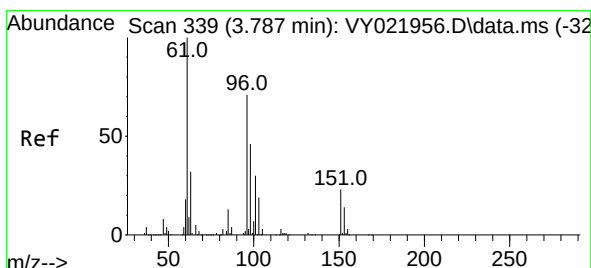
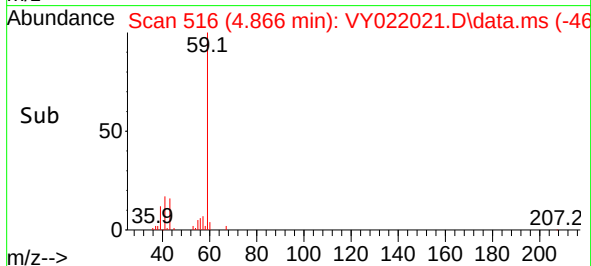
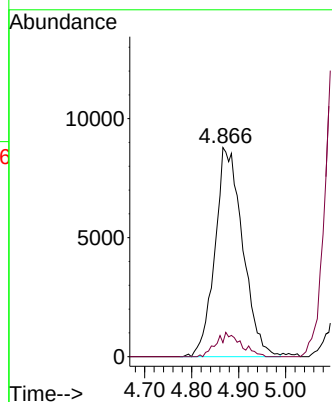
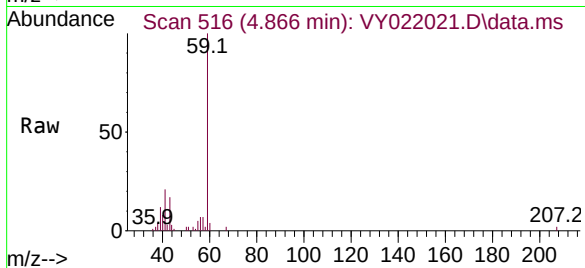
VSTDCCC050

Tgt Ion: 59 Resp: 35986

Ion Ratio Lower Upper

59 100

57 9.0 9.3 13.9#



#12

1,1-Dichloroethene

Concen: 44.447 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

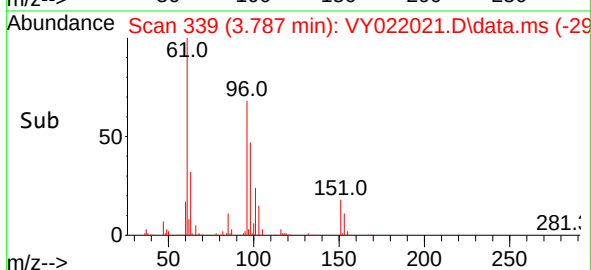
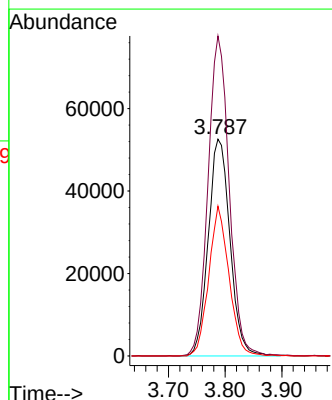
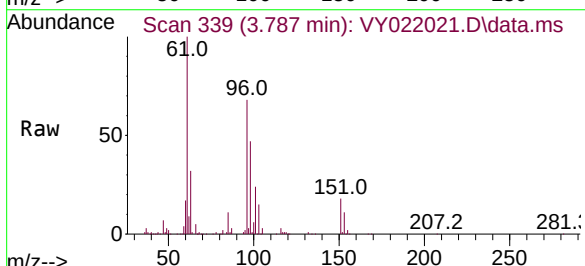
Tgt Ion: 96 Resp: 140007

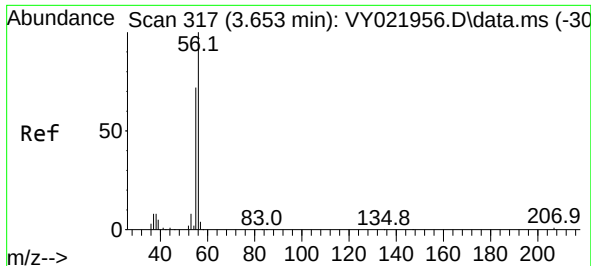
Ion Ratio Lower Upper

96 100

61 147.6 113.0 169.4

98 69.0 51.4 77.2





#13

Acrolein

Concen: 138.423 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

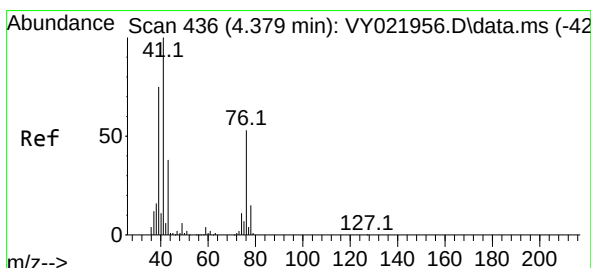
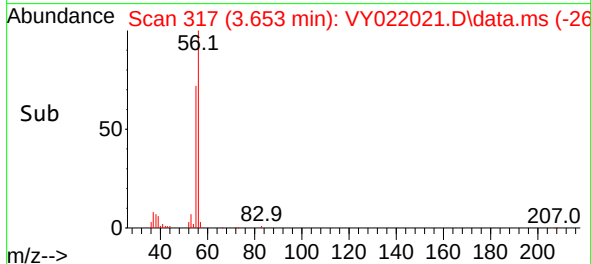
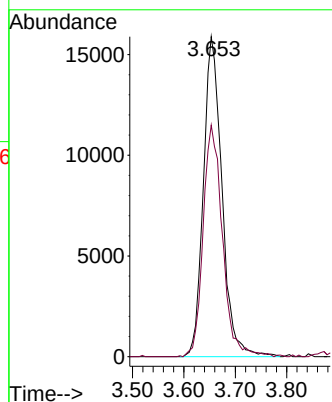
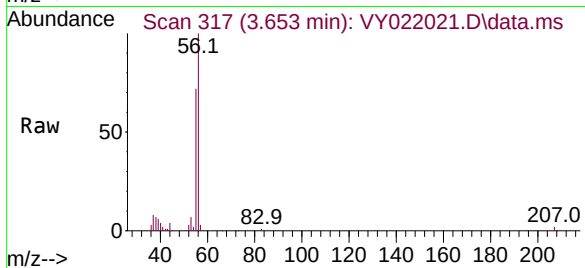
VSTDCCC050

Tgt Ion: 56 Resp: 39920

Ion Ratio Lower Upper

56 100

55 75.3 57.4 86.0



#14

Allyl chloride

Concen: 44.547 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

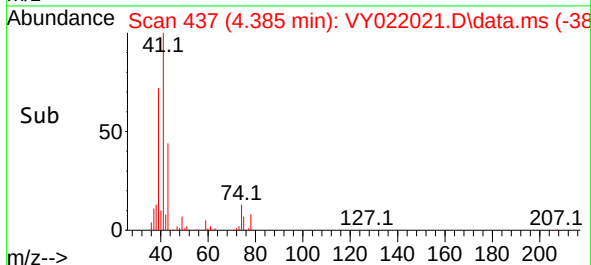
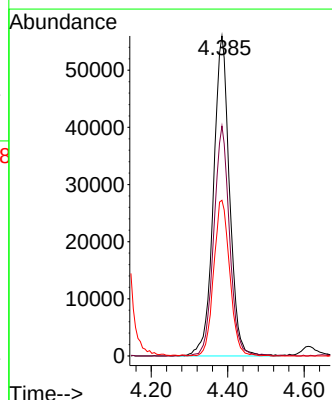
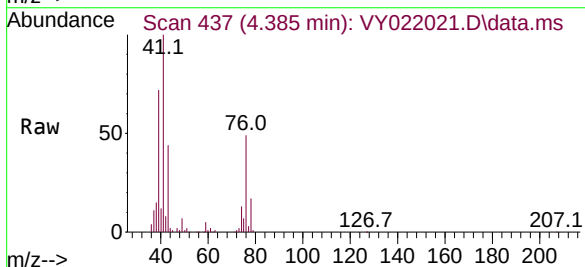
Tgt Ion: 41 Resp: 163390

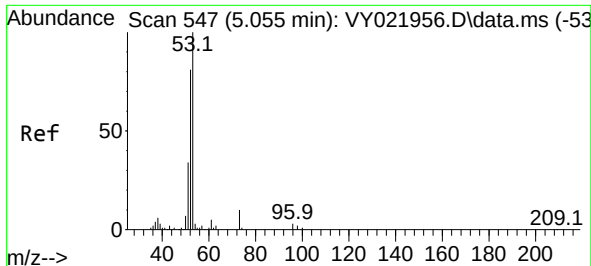
Ion Ratio Lower Upper

41 100

39 70.5 57.2 85.8

76 48.5 39.7 59.5

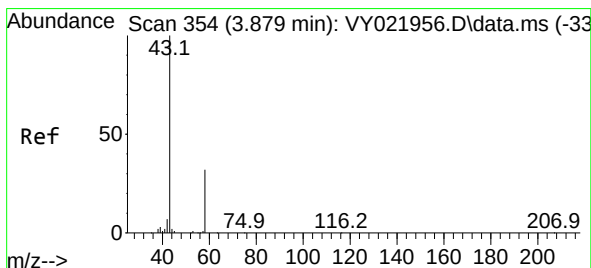
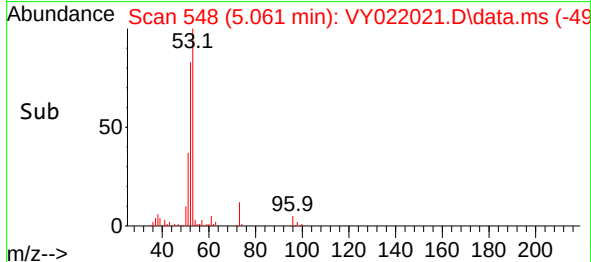
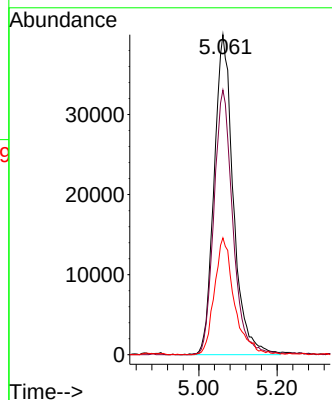
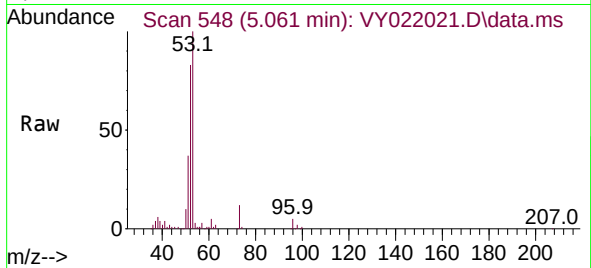




#15
Acrylonitrile
Concen: 229.455 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

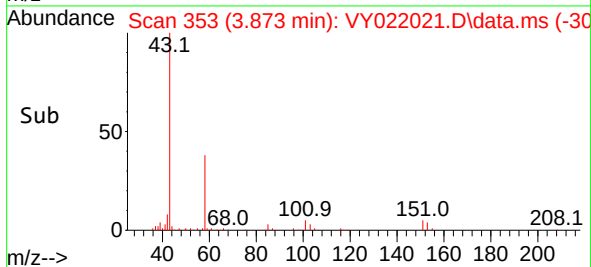
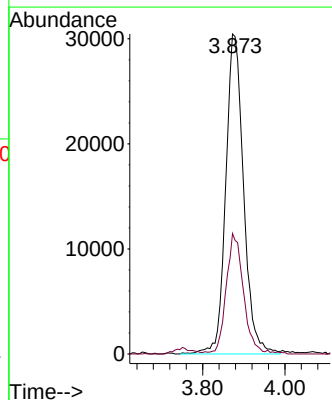
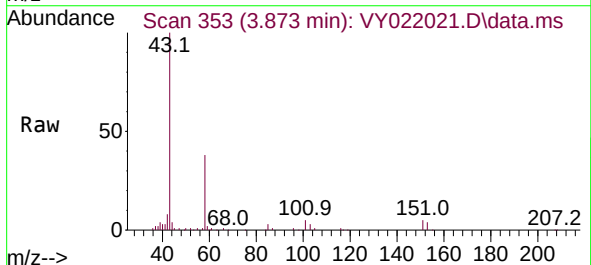
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

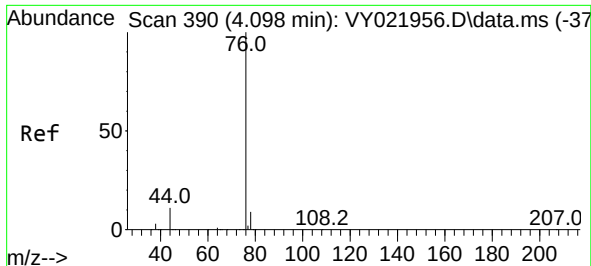
Tgt Ion: 53 Resp: 136206
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.6
51 37.9 28.9 43.3



#16
Acetone
Concen: 238.658 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 43 Resp: 91801
Ion Ratio Lower Upper
43 100
58 37.2 27.0 40.4

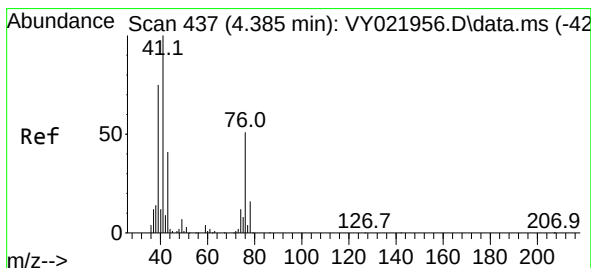
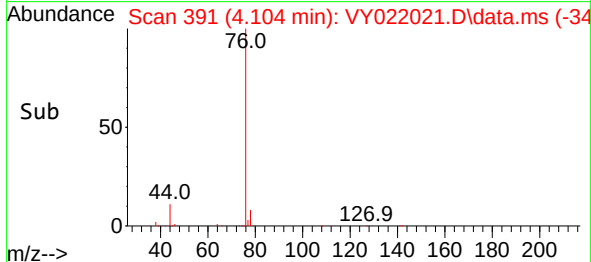
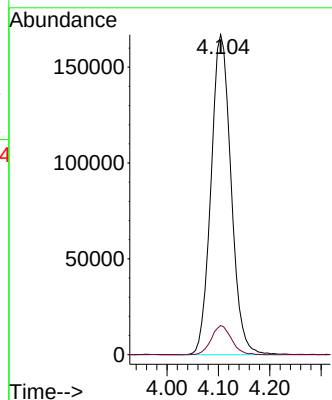
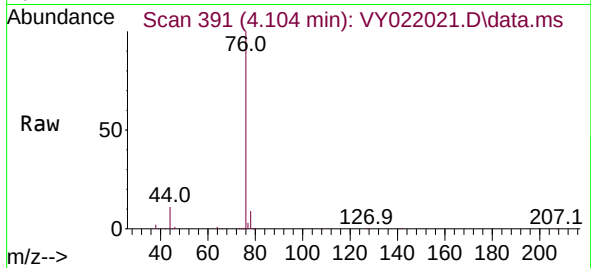




#17
Carbon Disulfide
Concen: 45.091 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

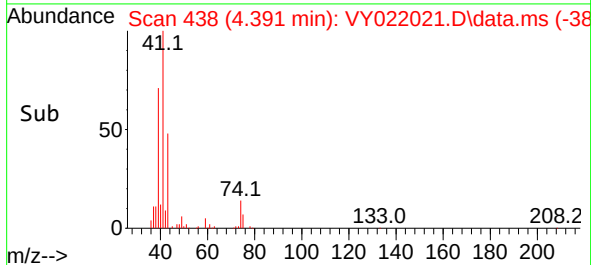
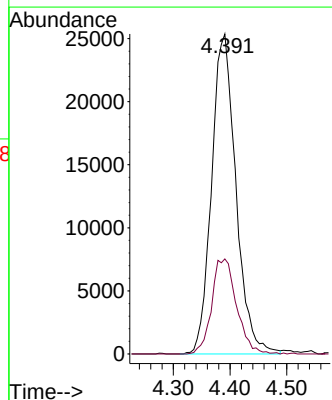
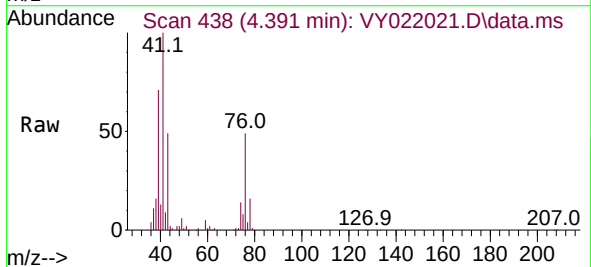
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

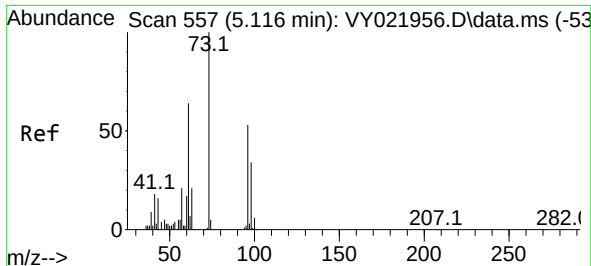
Tgt Ion: 76 Resp: 452882
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 55.156 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 43 Resp: 75409
Ion Ratio Lower Upper
43 100
74 30.5 24.2 36.4

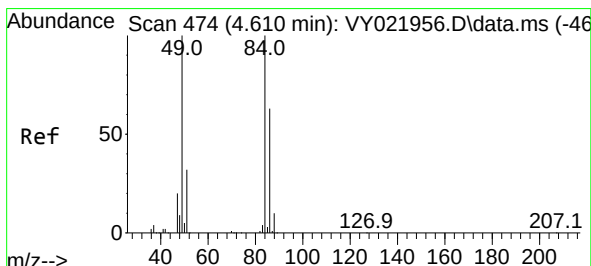
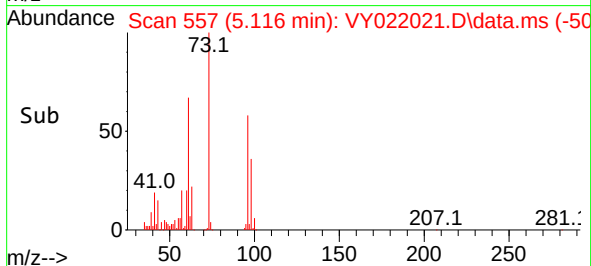
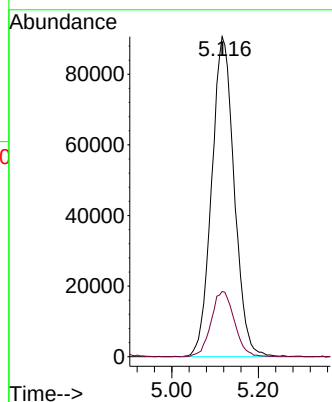
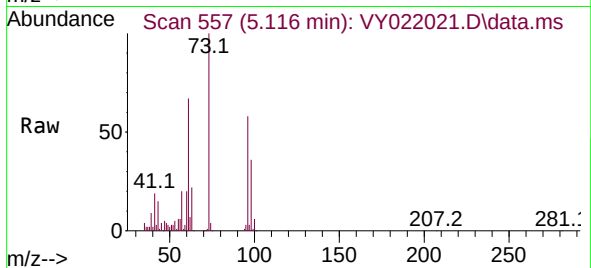




#19
Methyl tert-butyl Ether
Concen: 46.559 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

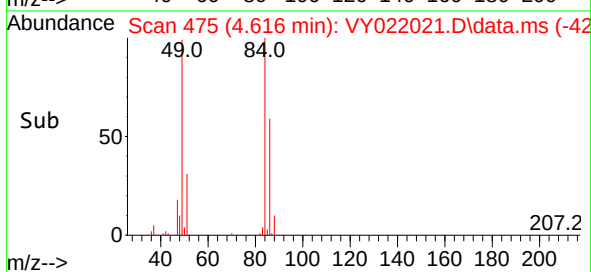
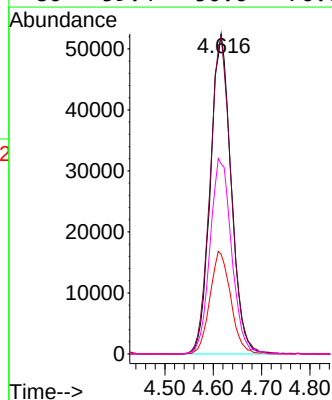
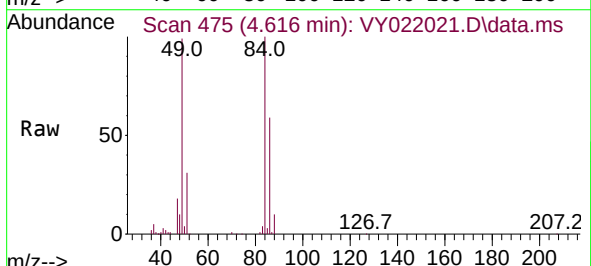
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

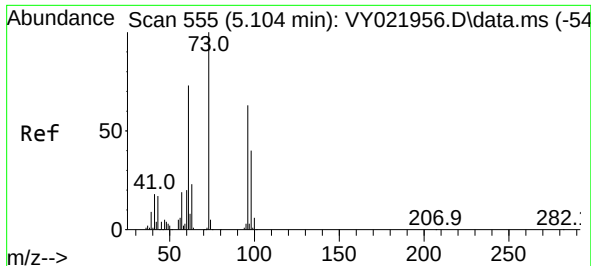
Tgt Ion: 73 Resp: 328254
Ion Ratio Lower Upper
73 100
57 20.3 16.9 25.3



#20
Methylene Chloride
Concen: 42.205 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 84 Resp: 156196
Ion Ratio Lower Upper
84 100
49 99.3 79.9 119.9
51 31.2 25.4 38.0
86 59.4 50.6 76.0

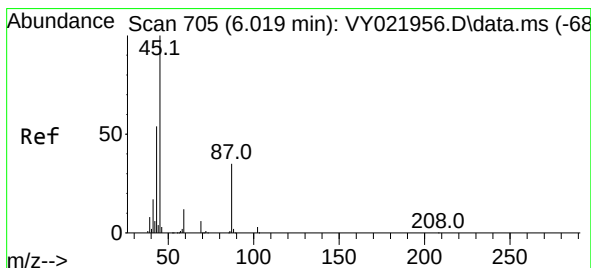
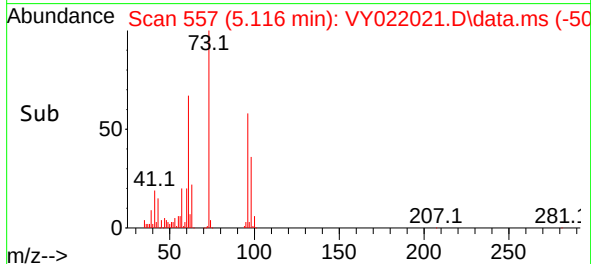
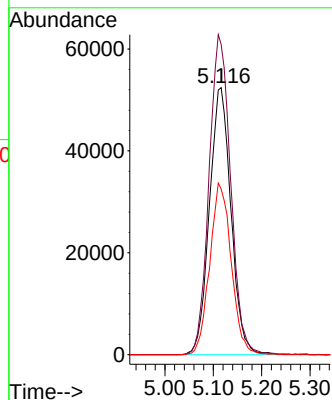
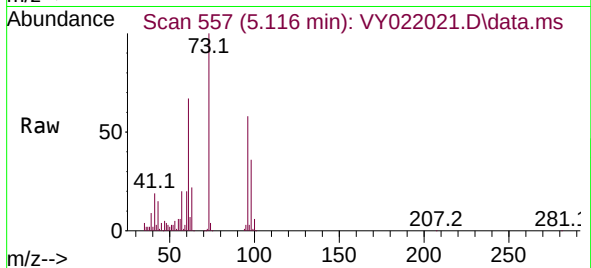




#21
trans-1,2-Dichloroethene
Concen: 46.106 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

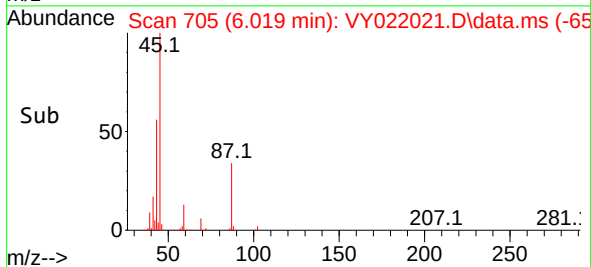
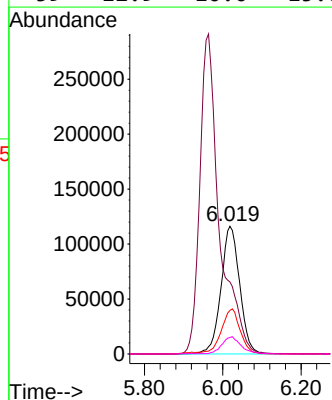
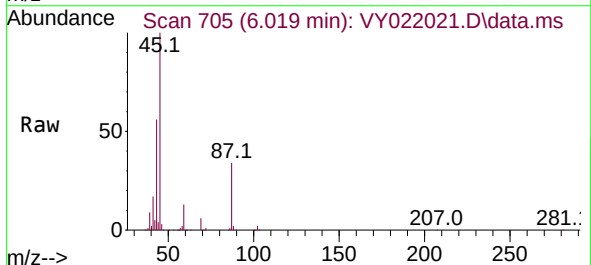
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

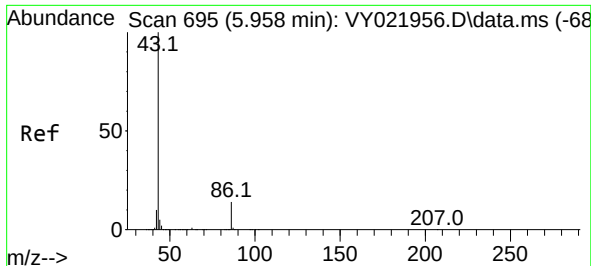
Tgt Ion: 96 Resp: 162653
Ion Ratio Lower Upper
96 100
61 116.2 92.6 138.8
98 62.1 50.2 75.4



#22
Diisopropyl ether
Concen: 47.287 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 45 Resp: 385976
Ion Ratio Lower Upper
45 100
43 56.2 43.6 65.4
87 34.1 28.2 42.4
59 12.9 10.0 15.0

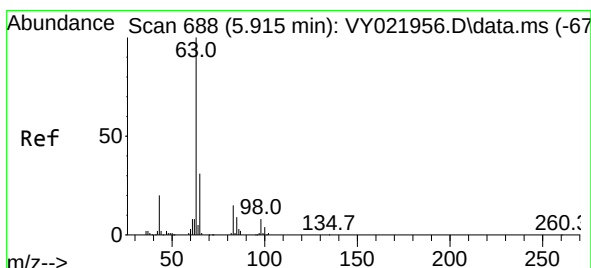
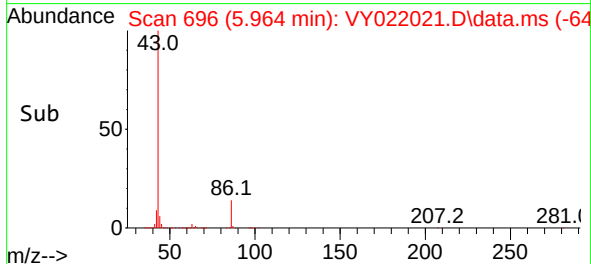
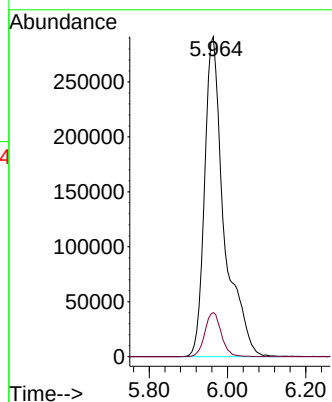
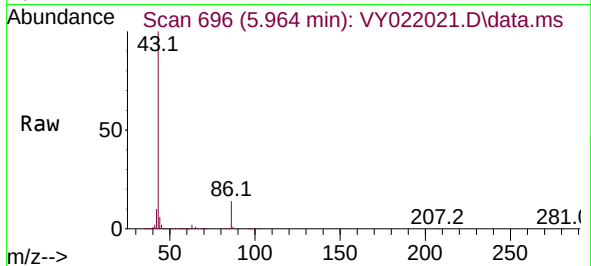




#23
 Vinyl Acetate
 Concen: 229.383 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

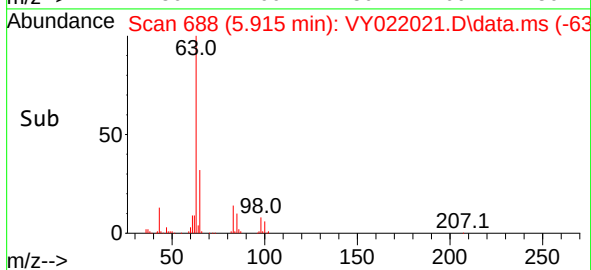
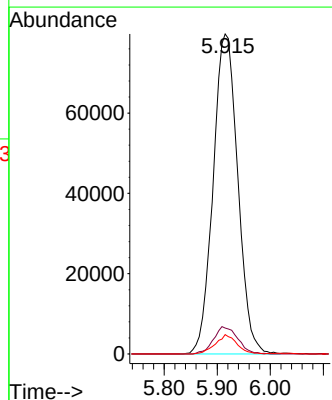
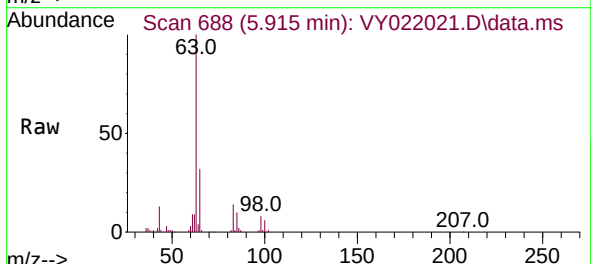
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

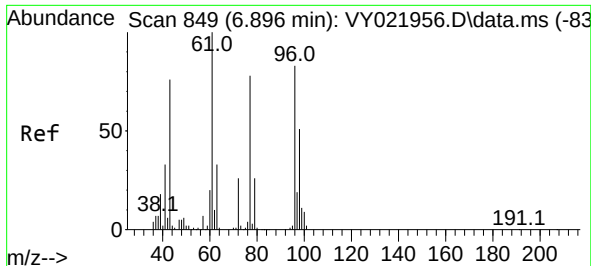
Tgt Ion: 43 Resp: 1009046
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 45.472 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

Tgt Ion: 63 Resp: 257272
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 6.1 2.0 6.0#

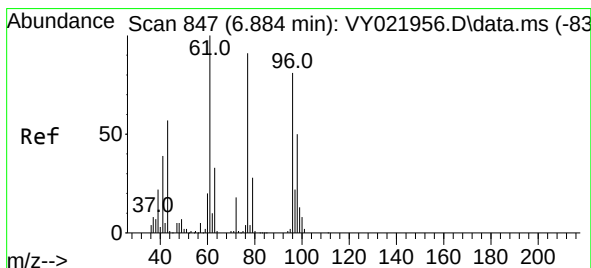
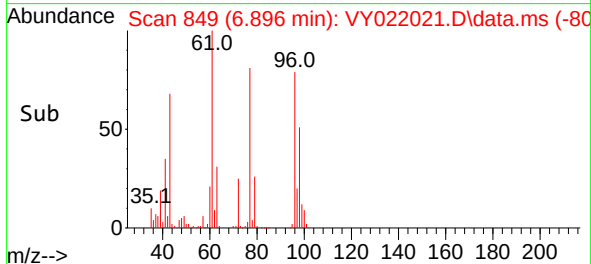
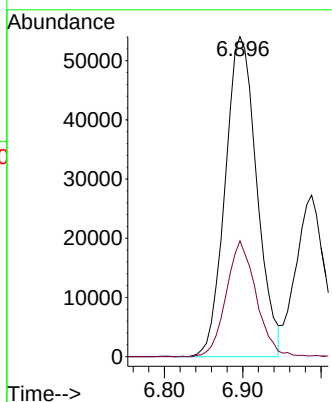
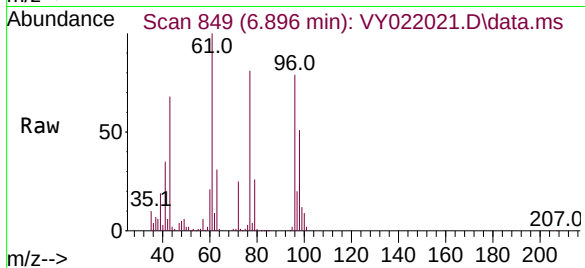




#25
2-Butanone
Concen: 227.698 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

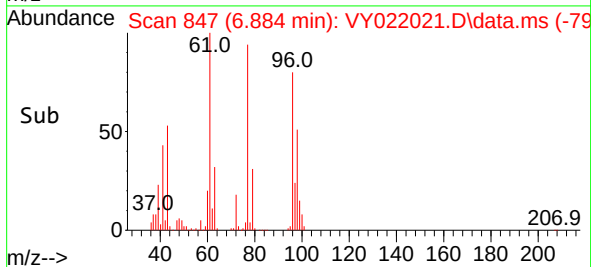
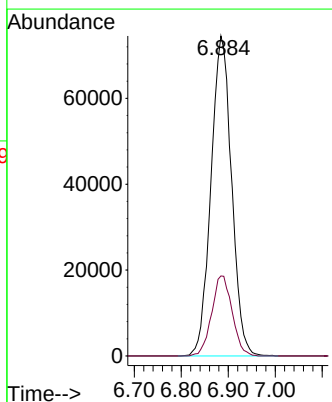
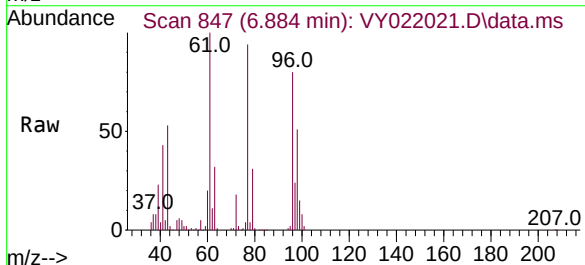
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

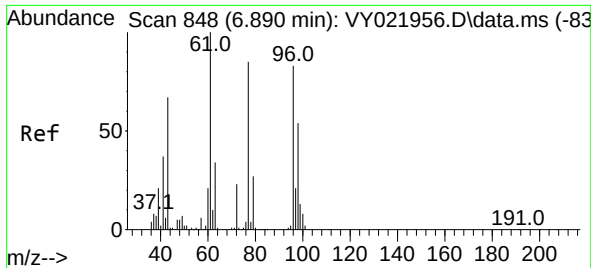
Tgt Ion: 43 Resp: 151911
Ion Ratio Lower Upper
43 100
72 36.2 27.0 40.4



#26
2,2-Dichloropropane
Concen: 45.744 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 77 Resp: 226836
Ion Ratio Lower Upper
77 100
97 24.9 12.4 37.4

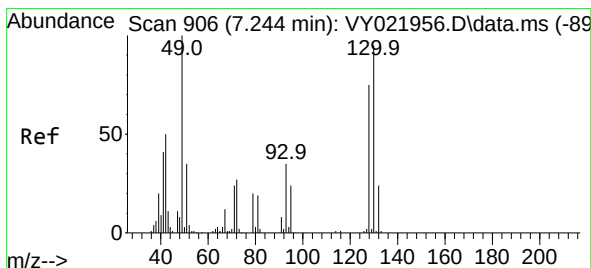
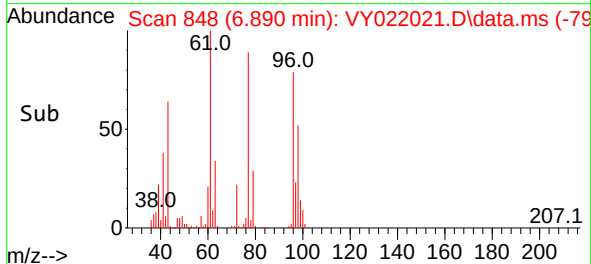
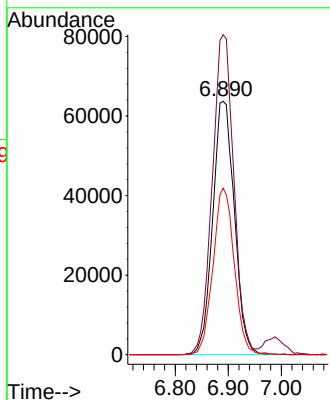
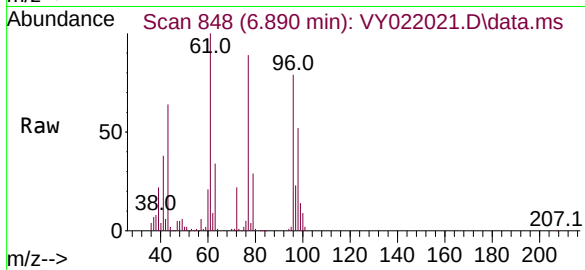




#27
 cis-1,2-Dichloroethene
 Concen: 45.895 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

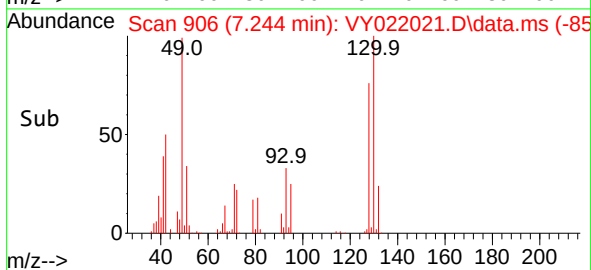
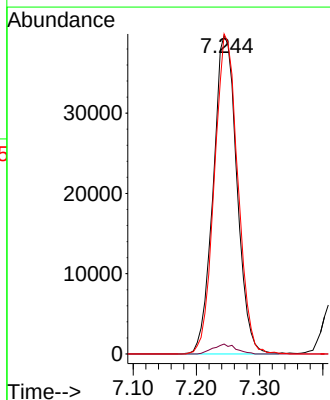
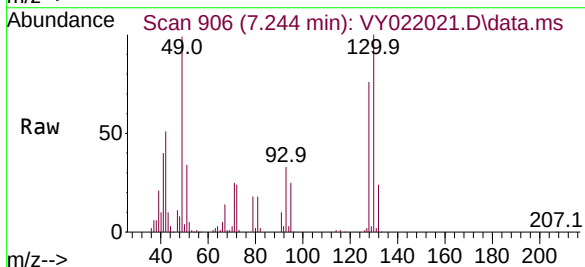
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

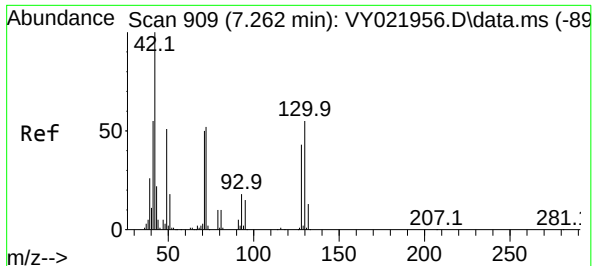
Tgt Ion: 96 Resp: 181037
 Ion Ratio Lower Upper
 96 100
 61 125.4 0.0 251.4
 98 64.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 46.794 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

Tgt Ion: 49 Resp: 102834
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.0
 130 99.2 78.2 117.4

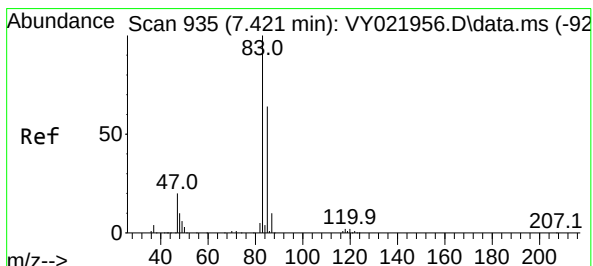
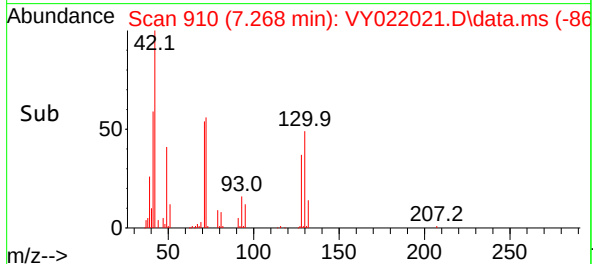
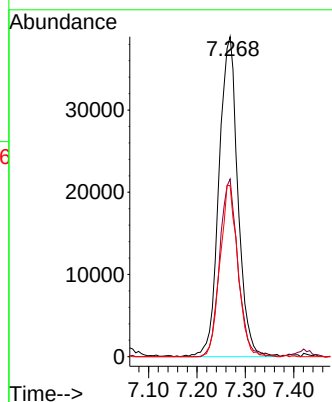
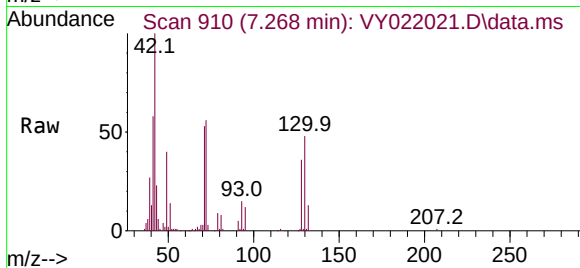




#29
Tetrahydrofuran
Concen: 244.304 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

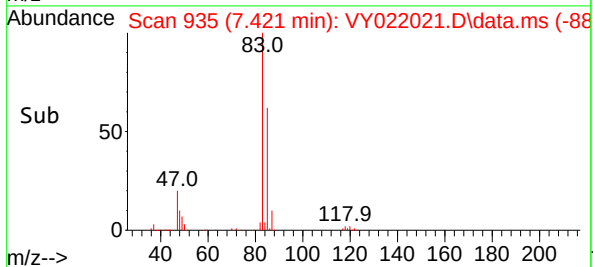
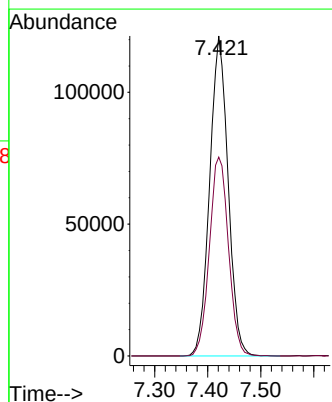
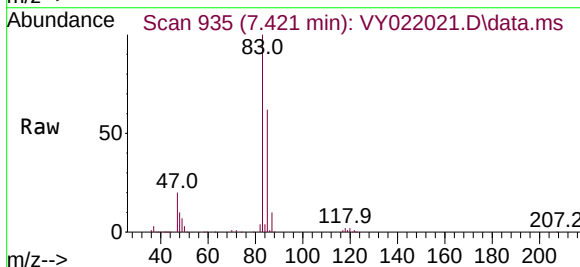
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

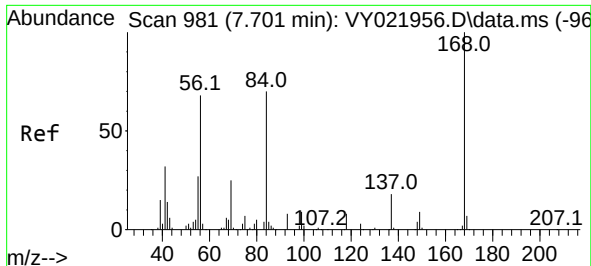
Tgt Ion: 42 Resp: 105859
Ion Ratio Lower Upper
42 100
72 53.4 42.6 63.8
71 50.7 40.6 61.0



#30
Chloroform
Concen: 46.592 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 83 Resp: 292396
Ion Ratio Lower Upper
83 100
85 62.1 51.3 76.9

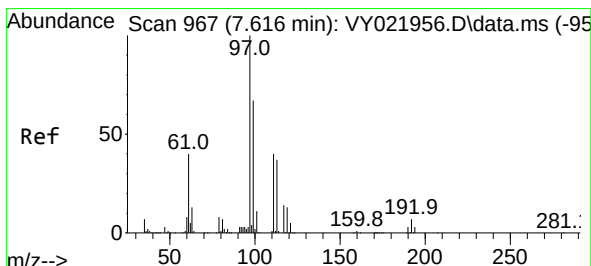
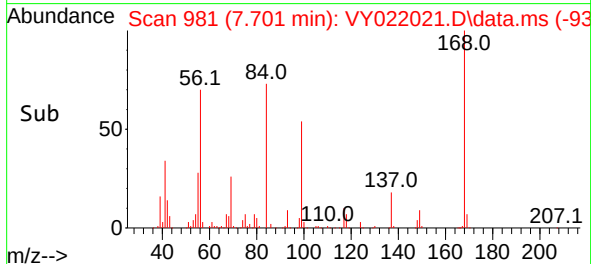
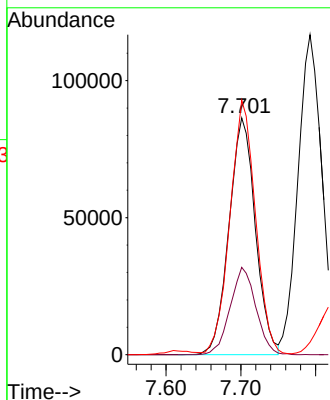
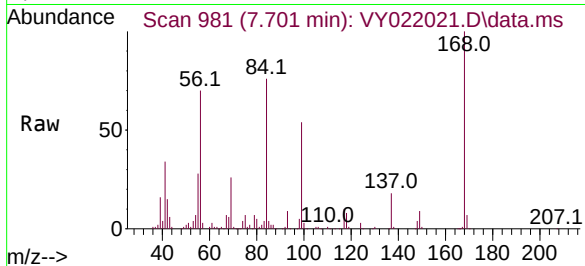




#31
Cyclohexane
Concen: 43.769 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

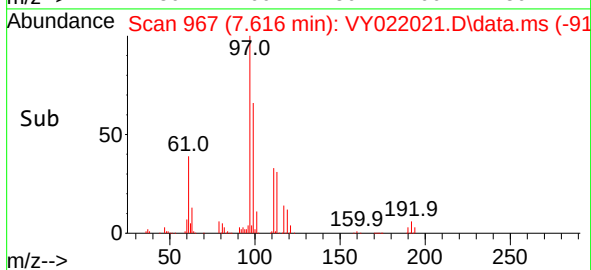
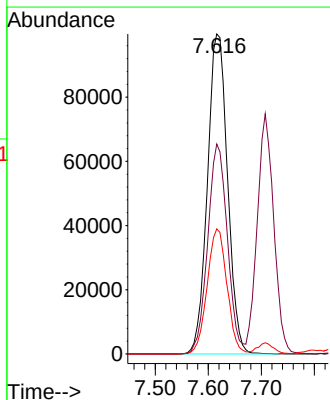
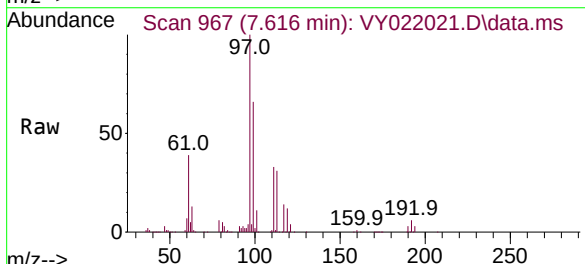
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

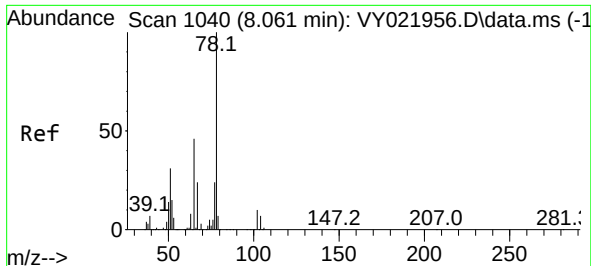
Tgt Ion: 56 Resp: 211764
Ion Ratio Lower Upper
56 100
69 36.9 29.4 44.2
84 105.9 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 46.308 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 97 Resp: 262924
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 38.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 45.703 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

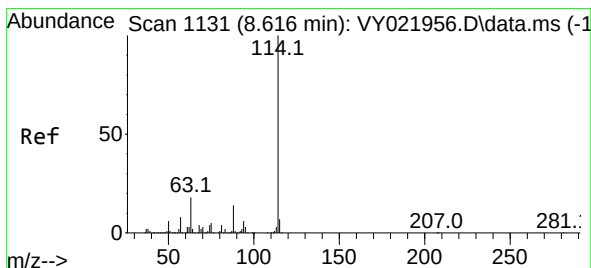
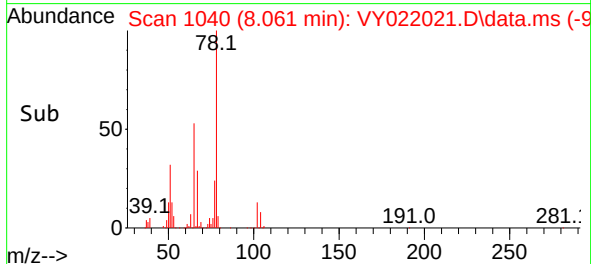
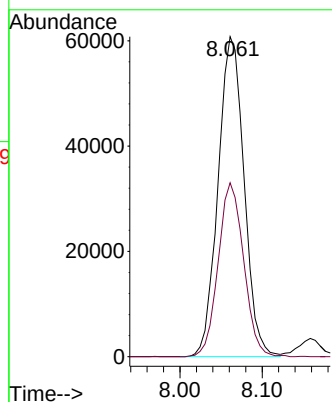
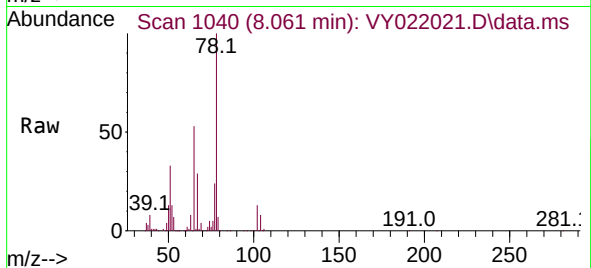
VSTDCCC050

Tgt Ion: 65 Resp: 133766

Ion Ratio Lower Upper

65 100

67 53.2 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: VY022021.D

Acq: 28 Apr 2025 09:59

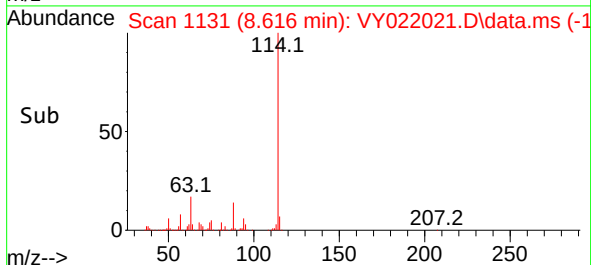
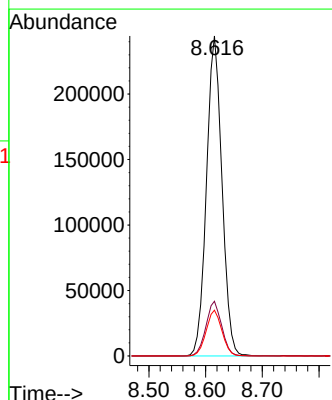
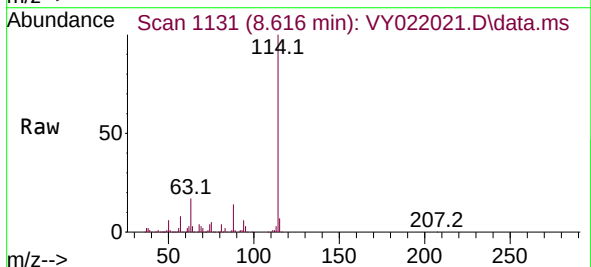
Tgt Ion: 114 Resp: 463292

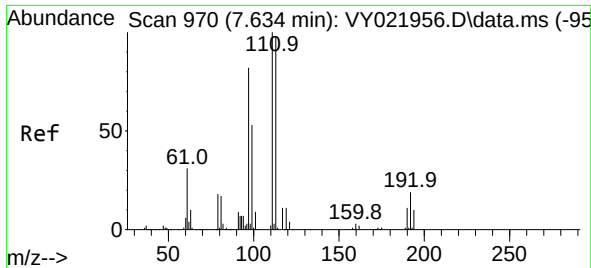
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.4

88 14.3 0.0 28.2

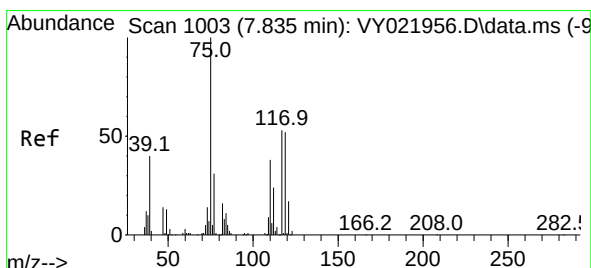
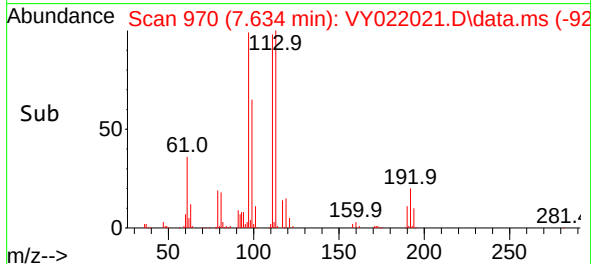
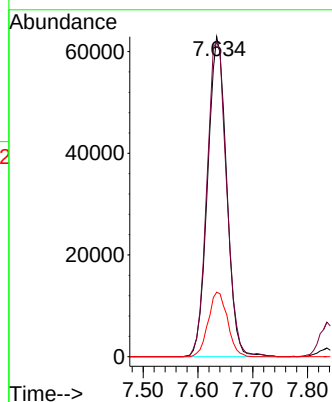
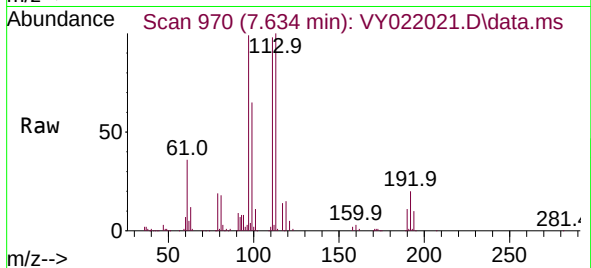




#35
Dibromofluoromethane
Concen: 49.299 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

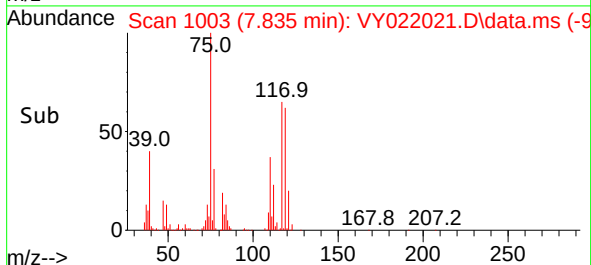
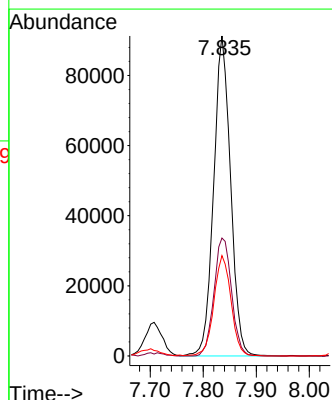
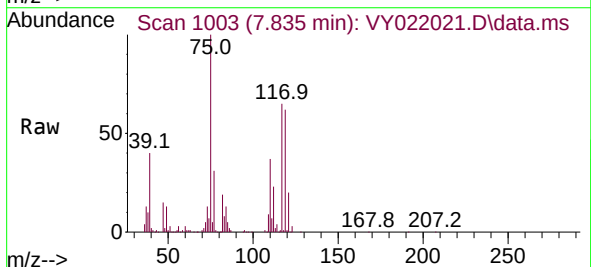
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

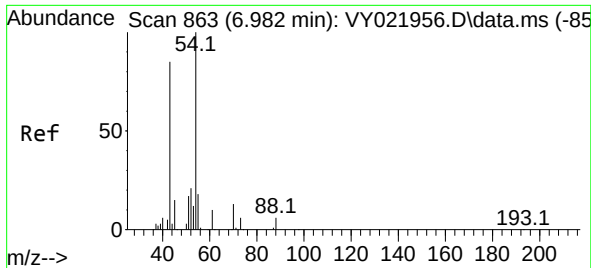
Tgt Ion:113 Resp: 150892
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 20.5 15.6 23.4



#36
1,1-Dichloropropene
Concen: 49.257 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 75 Resp: 202515
Ion Ratio Lower Upper
75 100
110 38.3 19.1 57.3
77 31.8 25.5 38.3

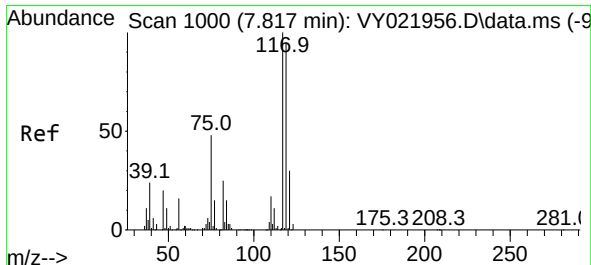
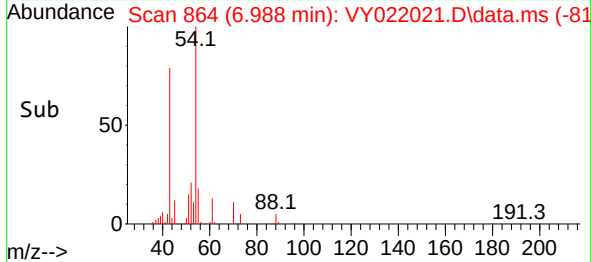
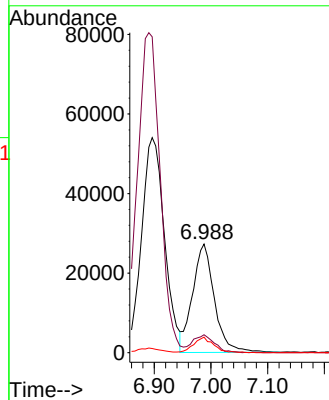
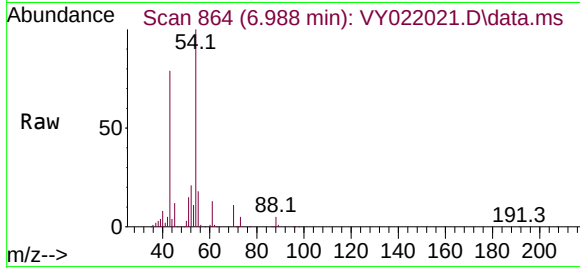




#37
Ethyl Acetate
Concen: 49.244 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

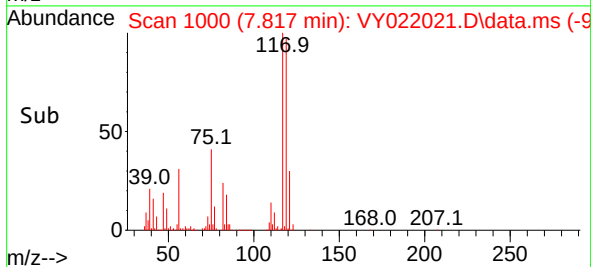
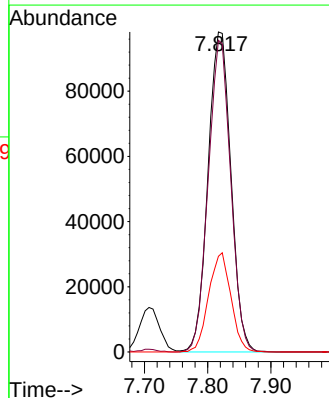
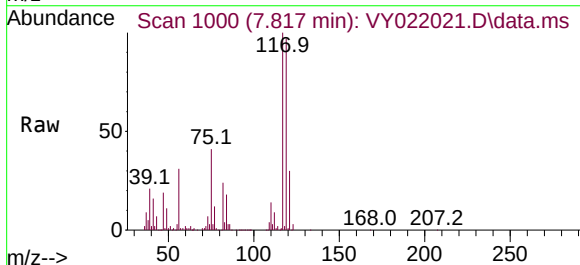
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

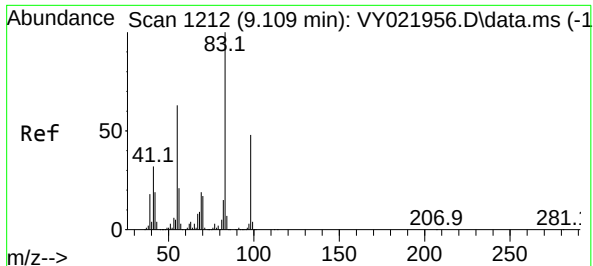
Tgt Ion:	43	Resp:	72715
Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.8	20.6
70	13.1	9.2	13.8



#38
Carbon Tetrachloride
Concen: 50.250 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion:	117	Resp:	246873
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.2	114.4
121	29.9	24.0	36.0





#39

Methylcyclohexane

Concen: 47.952 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

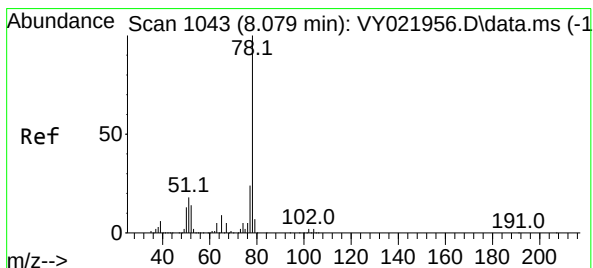
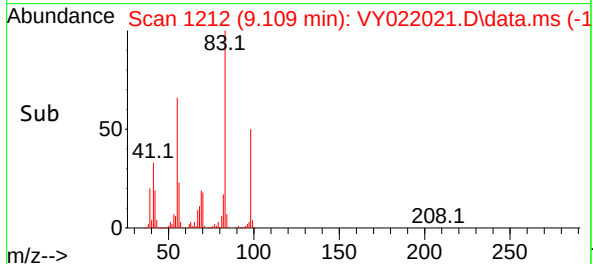
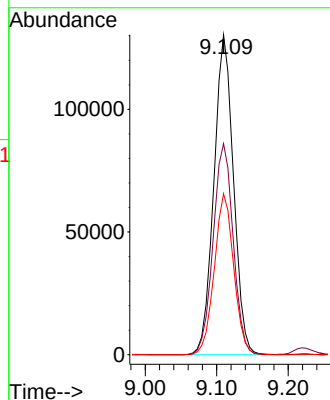
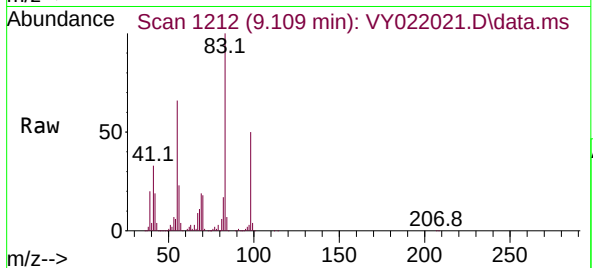
Tgt Ion: 83 Resp: 248104

Ion Ratio Lower Upper

83 100

55 66.0 50.6 75.8

98 50.3 38.6 58.0



#40

Benzene

Concen: 49.146 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022021.D

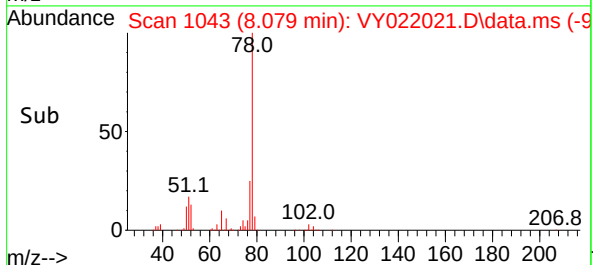
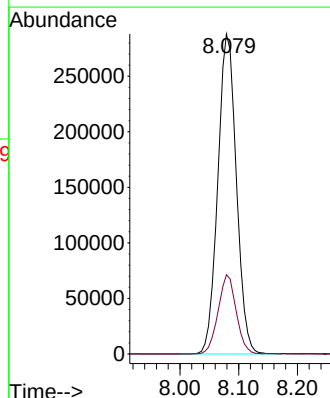
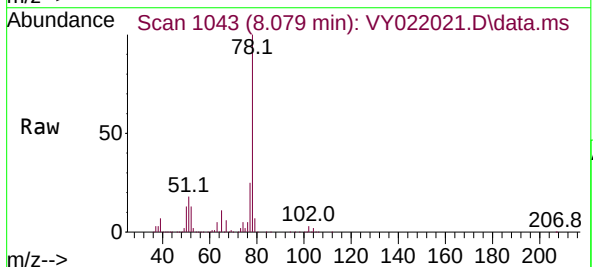
Acq: 28 Apr 2025 09:59

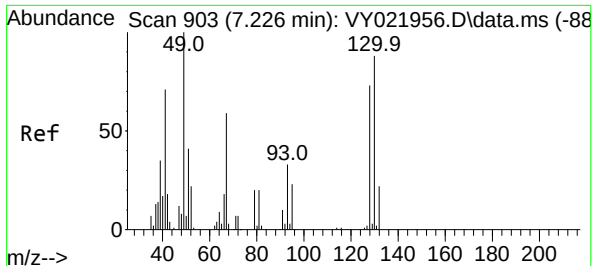
Tgt Ion: 78 Resp: 631630

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

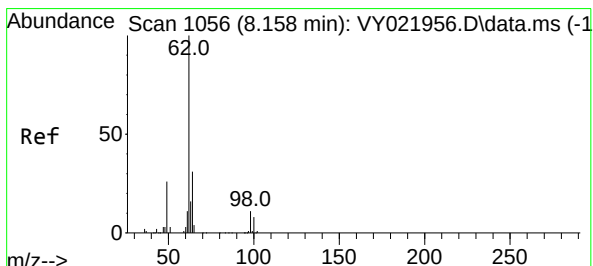
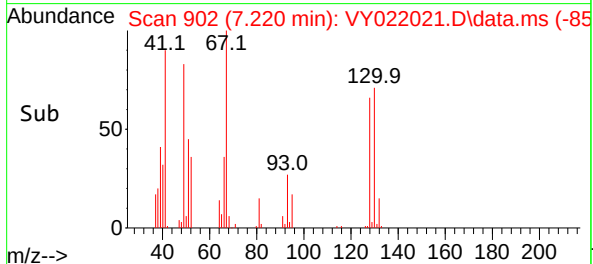
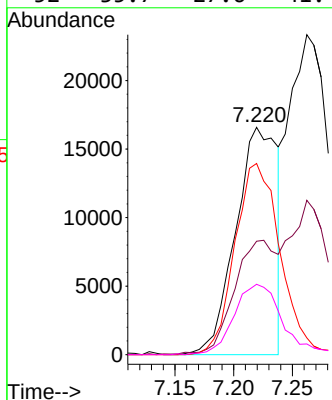
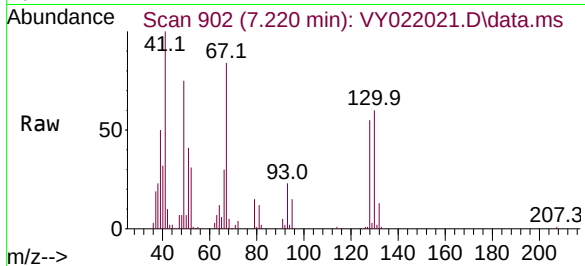




#41
Methacrylonitrile
Concen: 50.745 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

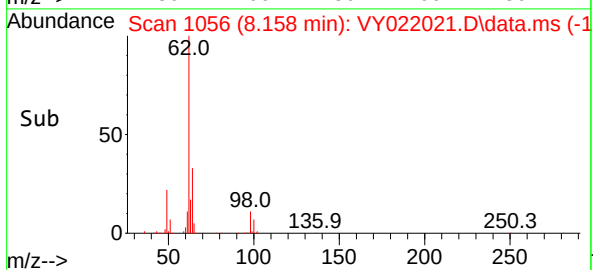
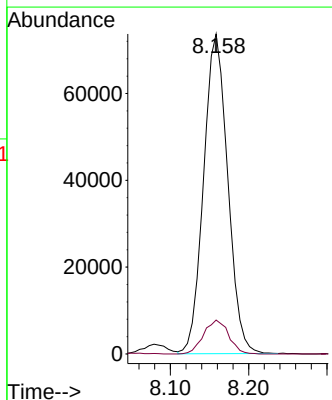
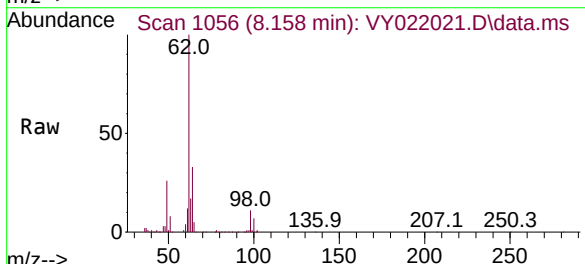
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

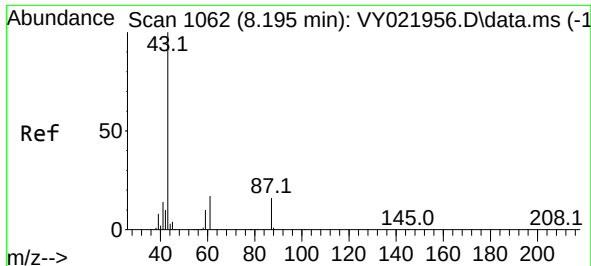
Tgt Ion:	41	Resp:	40961
Ion	Ratio	Lower	Upper
41	100		
39	51.7	36.6	55.0
67	92.5	72.2	108.4
52	35.7	27.6	41.4



#42
1,2-Dichloroethane
Concen: 49.487 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion:	62	Resp:	157468
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

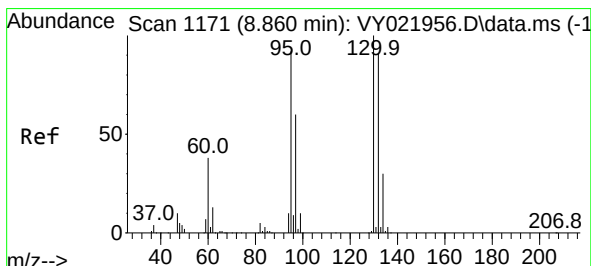
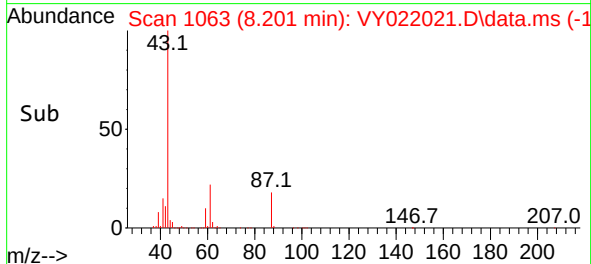
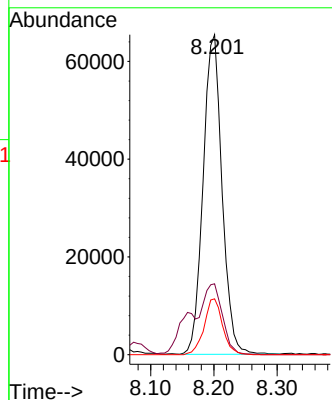
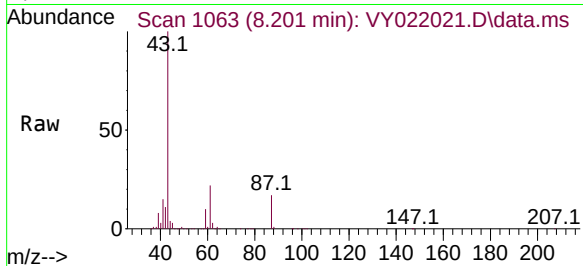




#43
Isopropyl Acetate
Concen: 48.136 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

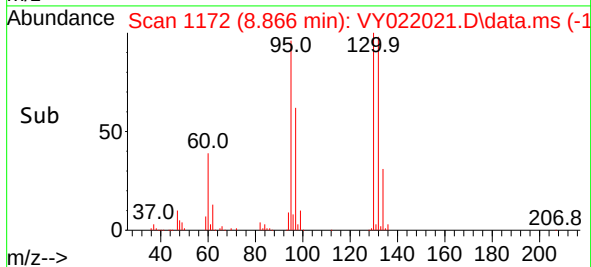
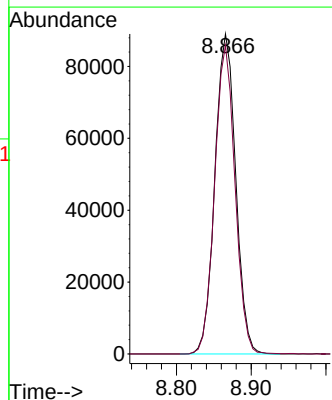
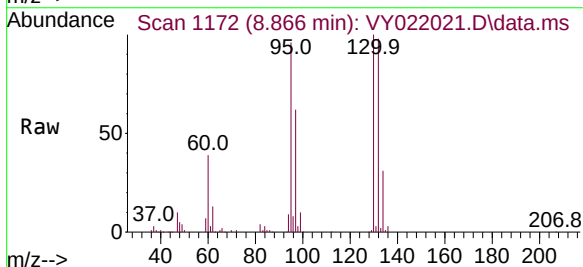
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

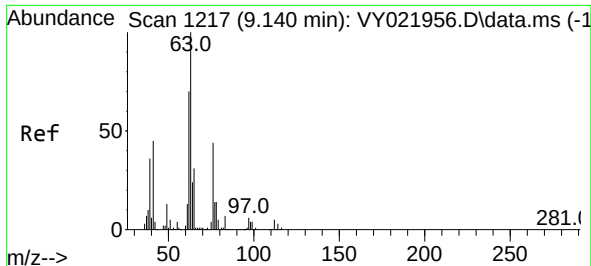
Tgt Ion: 43 Resp: 136500
Ion Ratio Lower Upper
43 100
61 23.9 18.9 28.3
87 17.0 13.7 20.5



#44
Trichloroethene
Concen: 48.422 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion:130 Resp: 172375
Ion Ratio Lower Upper
130 100
95 96.5 0.0 183.2





#45

1,2-Dichloropropane

Concen: 49.124 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

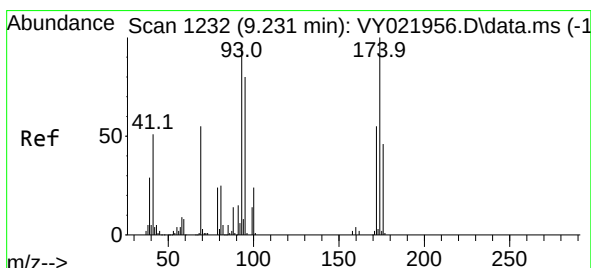
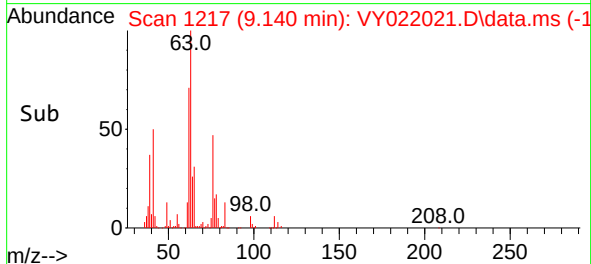
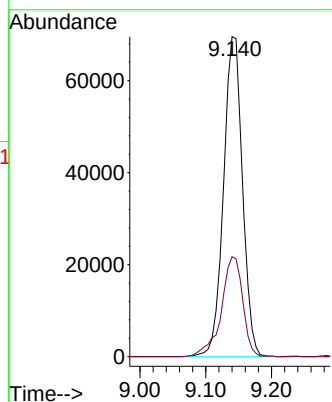
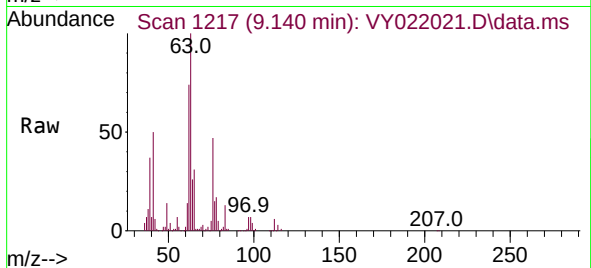
VSTDCCC050

Tgt Ion: 63 Resp: 139620

Ion Ratio Lower Upper

63 100

65 31.3 25.2 37.8



#46

Dibromomethane

Concen: 49.917 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

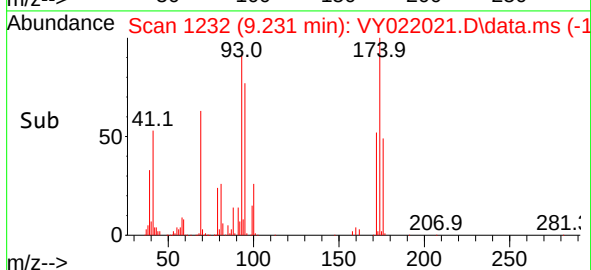
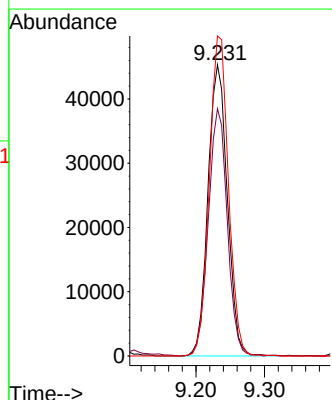
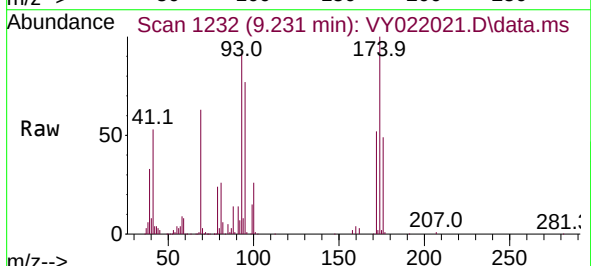
Tgt Ion: 93 Resp: 88811

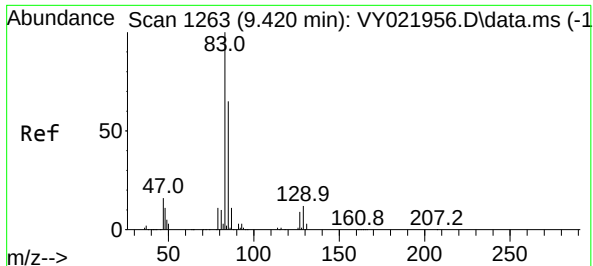
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 108.5 84.6 127.0

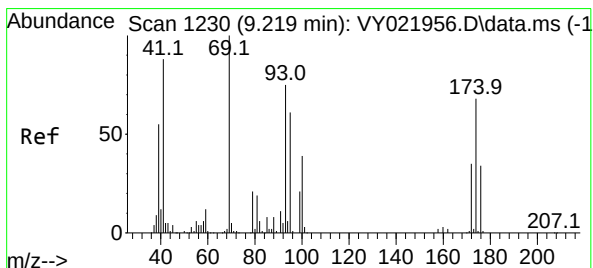
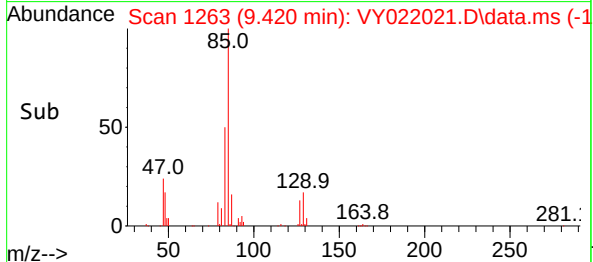
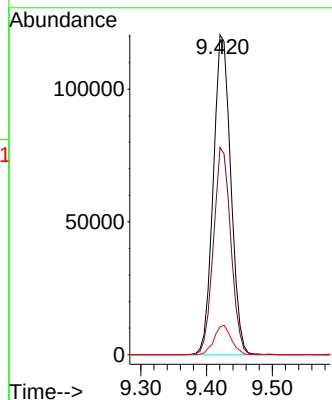
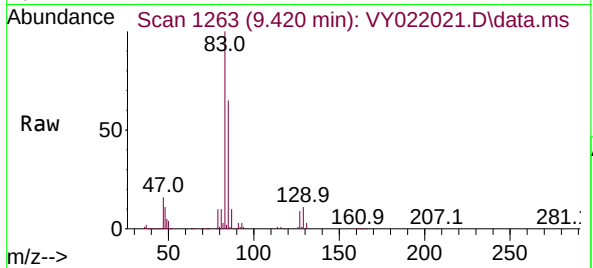




#47
Bromodichloromethane
Concen: 50.140 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

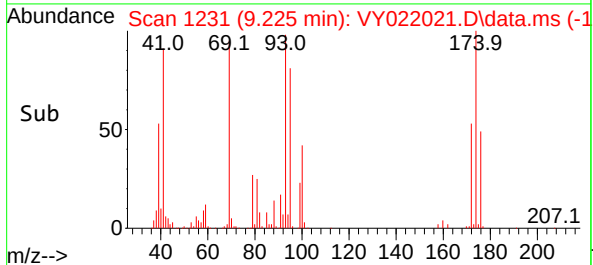
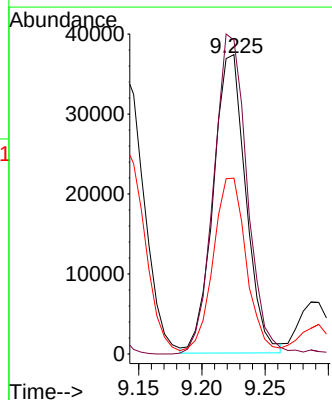
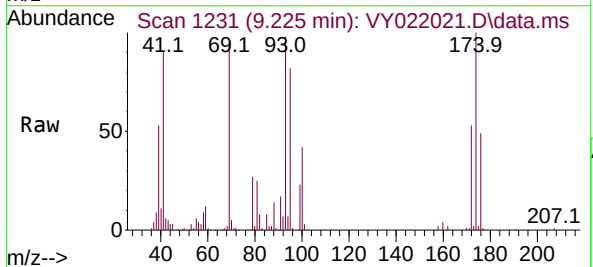
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

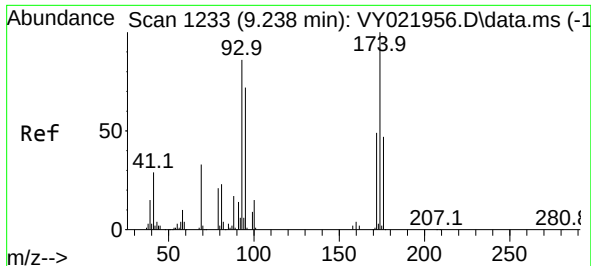
Tgt Ion: 83 Resp: 222855
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 51.025 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 41 Resp: 66889
Ion Ratio Lower Upper
41 100
69 109.8 85.5 128.3
39 57.9 46.2 69.4





#49

1,4-Dioxane

Concen: 990.448 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

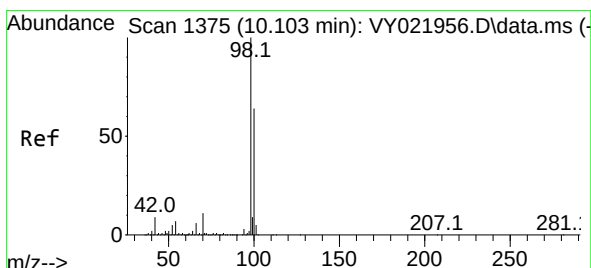
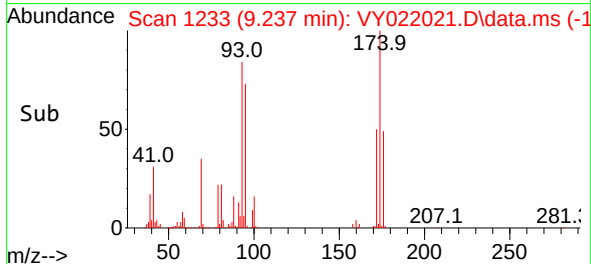
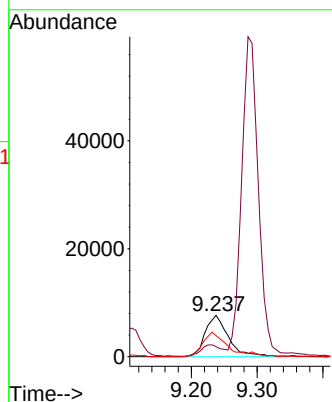
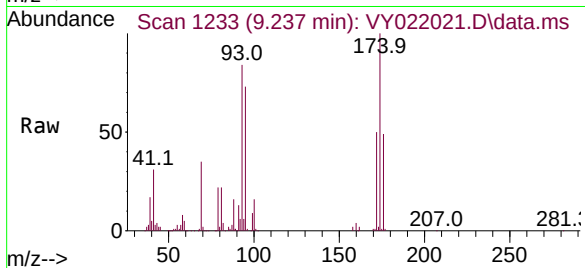
Tgt Ion: 88 Resp: 18782

Ion Ratio Lower Upper

88 100

43 24.2 21.3 31.9

58 59.0 50.5 75.7



#50

Toluene-d8

Concen: 49.941 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022021.D

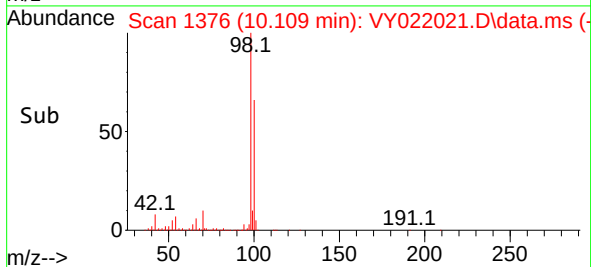
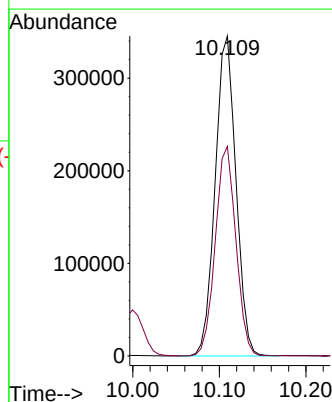
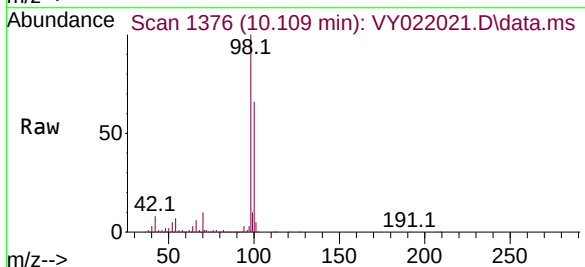
Acq: 28 Apr 2025 09:59

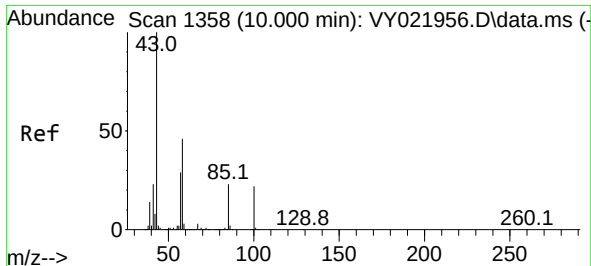
Tgt Ion: 98 Resp: 576275

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

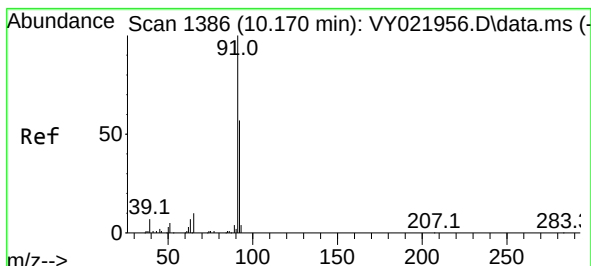
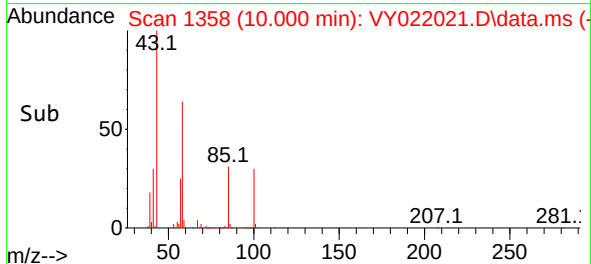
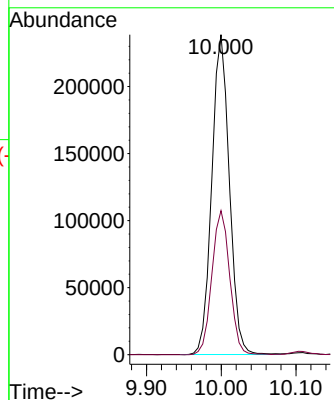
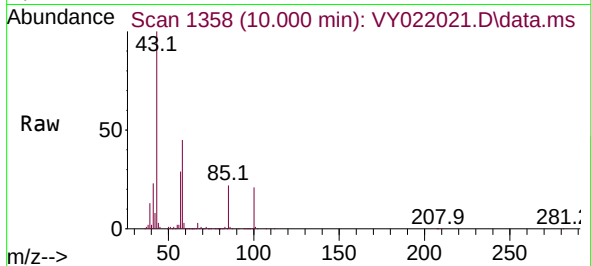




#51
4-Methyl-2-Pentanone
Concen: 262.978 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

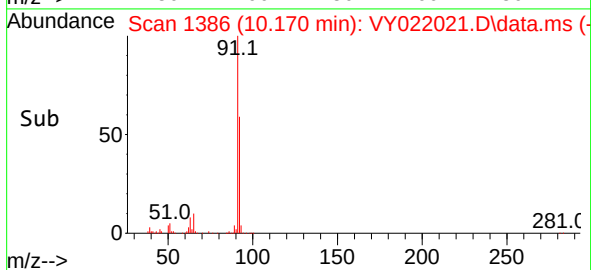
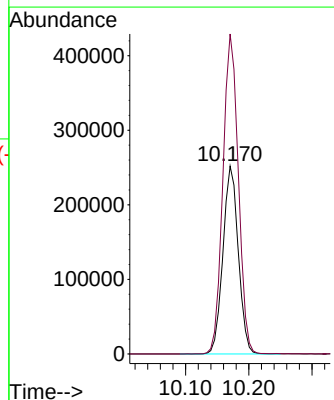
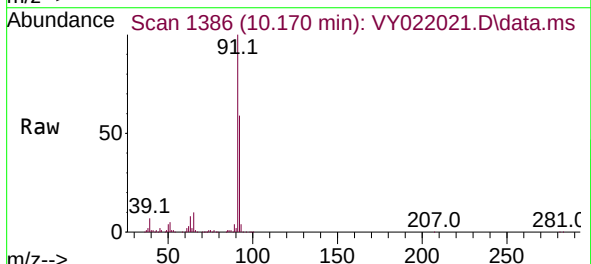
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

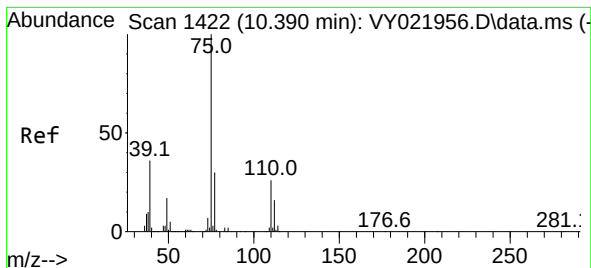
Tgt Ion: 43 Resp: 390922
Ion Ratio Lower Upper
43 100
58 45.6 36.6 55.0



#52
Toluene
Concen: 50.774 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 92 Resp: 422400
Ion Ratio Lower Upper
92 100
91 171.4 138.6 207.8

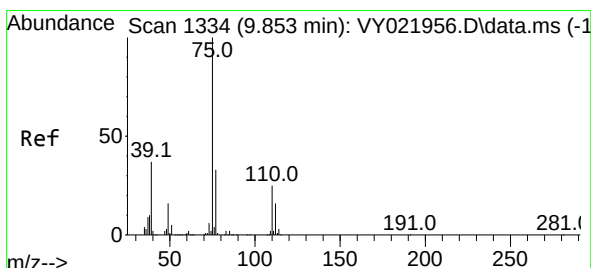
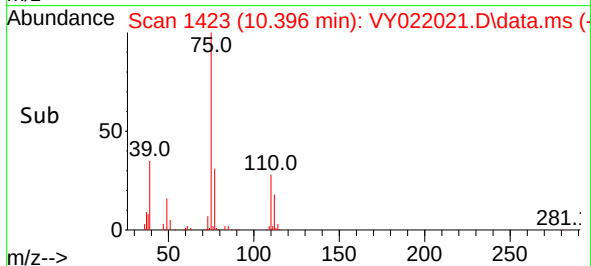
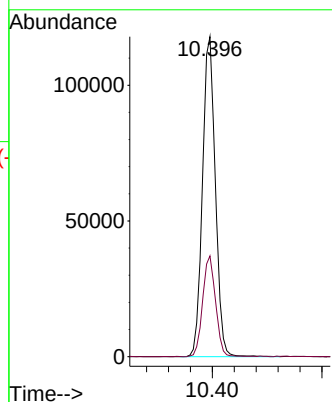
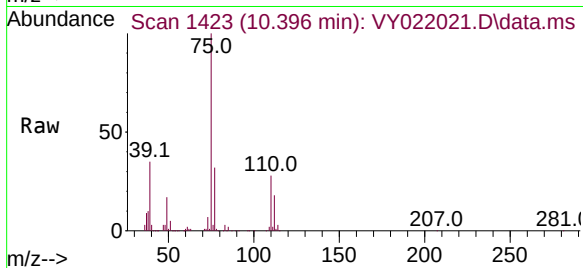




#53
 t-1,3-Dichloropropene
 Concen: 50.300 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

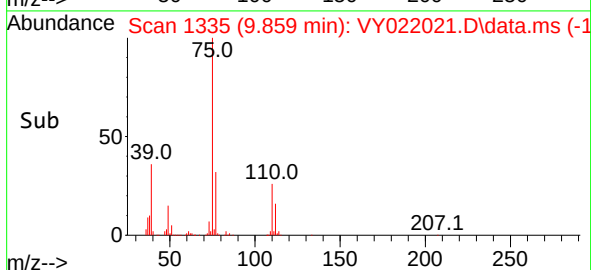
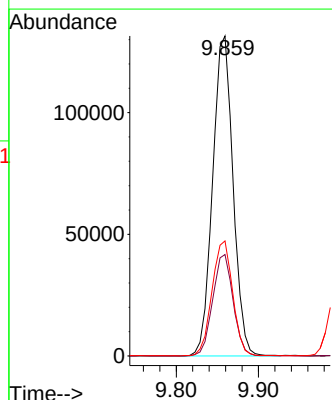
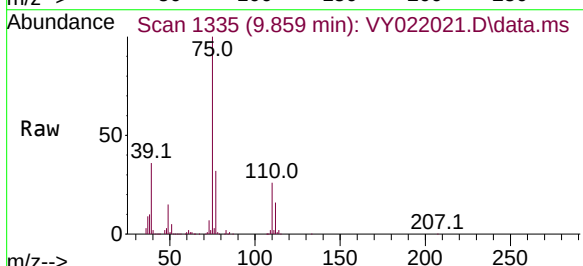
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

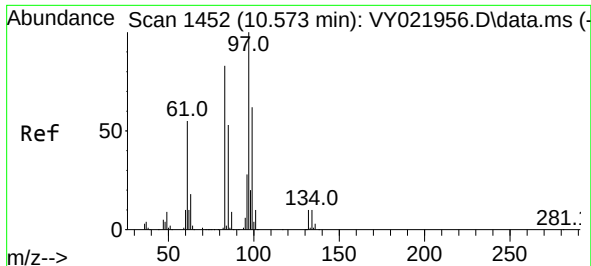
Tgt Ion: 75 Resp: 191764
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.030 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

Tgt Ion: 75 Resp: 226727
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.6 40.0
 39 36.0 29.6 44.4



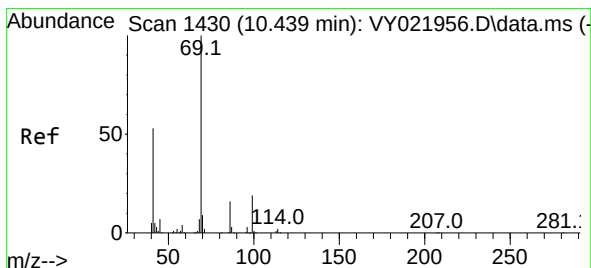
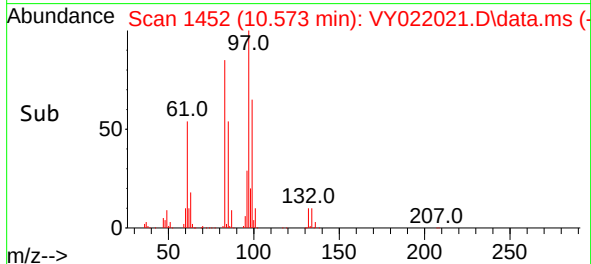
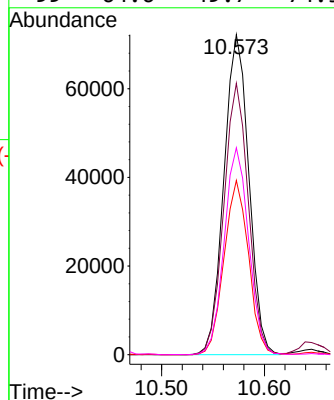
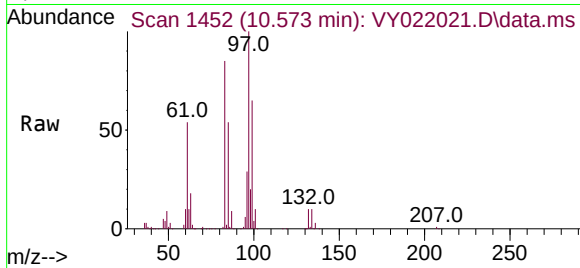


#55
1,1,2-Trichloroethane
Concen: 51.210 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 121704

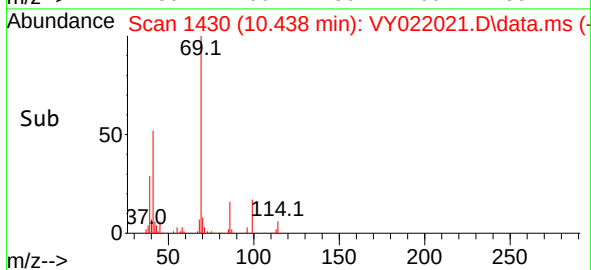
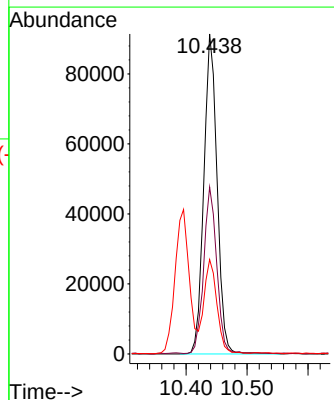
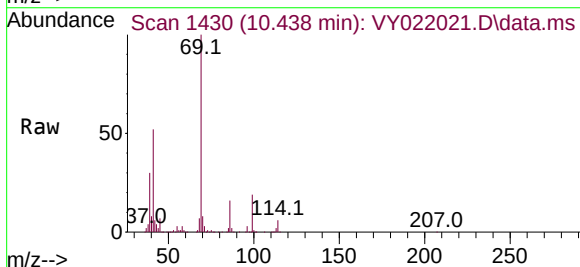
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.7	100.1
85	54.4	42.6	64.0
99	64.6	49.7	74.5

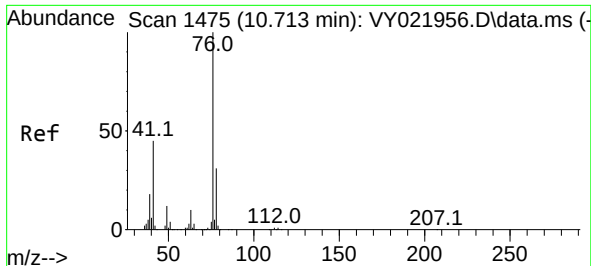


#56
Ethyl methacrylate
Concen: 50.883 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 69 Resp: 138287

Ion	Ratio	Lower	Upper
69	100		
41	51.3	40.7	61.1
39	28.0	23.3	34.9





#57

1,3-Dichloropropane

Concen: 50.313 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

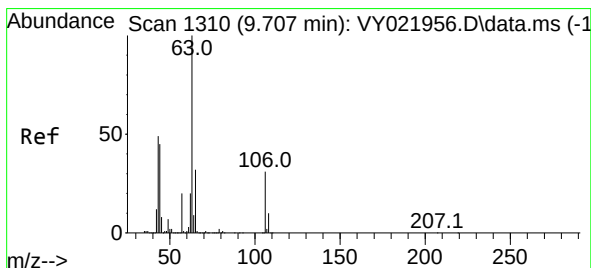
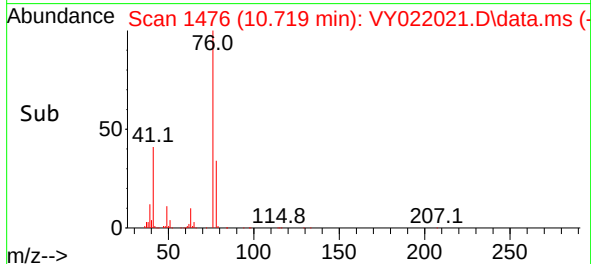
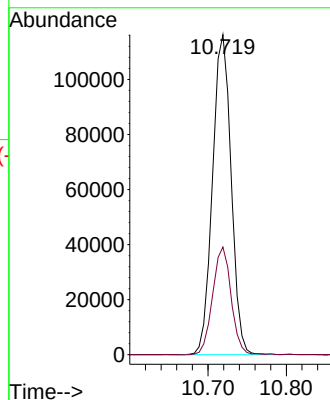
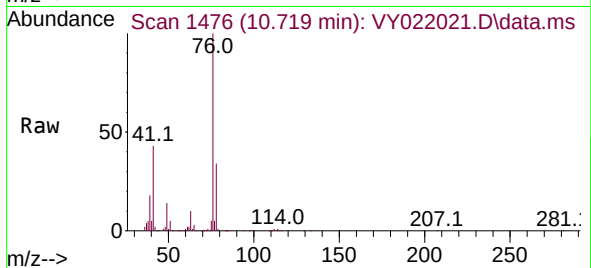
VSTDCCC050

Tgt Ion: 76 Resp: 191690

Ion Ratio Lower Upper

76 100

78 33.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 274.205 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022021.D

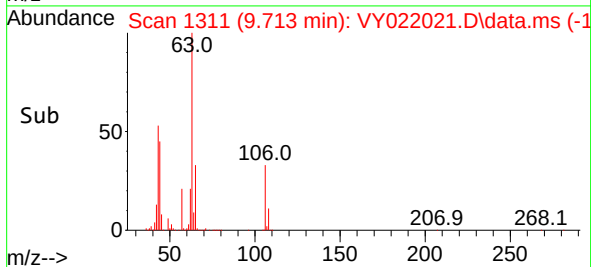
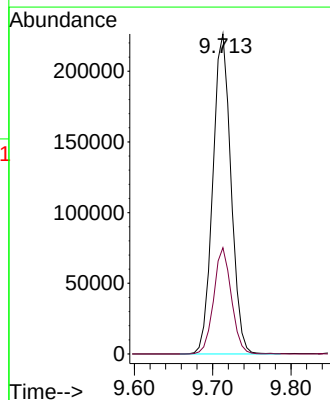
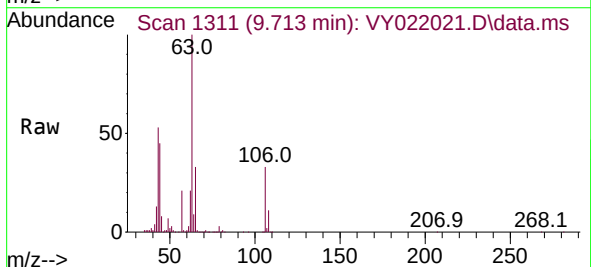
Acq: 28 Apr 2025 09:59

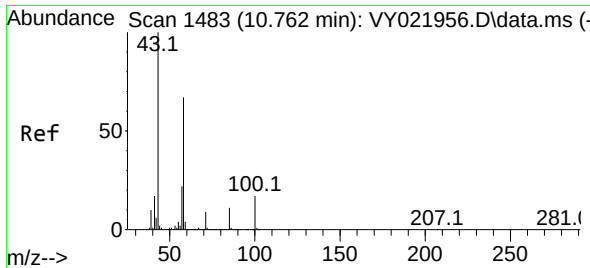
Tgt Ion: 63 Resp: 364363

Ion Ratio Lower Upper

63 100

106 32.3 25.3 37.9

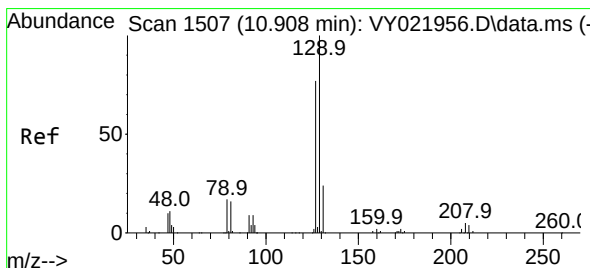
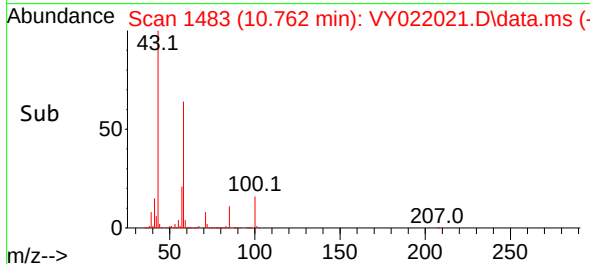
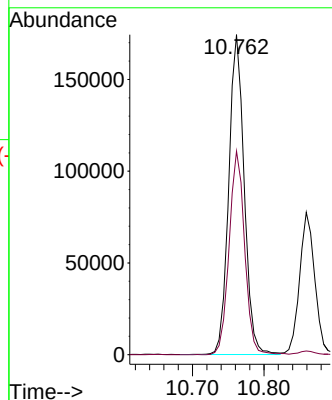
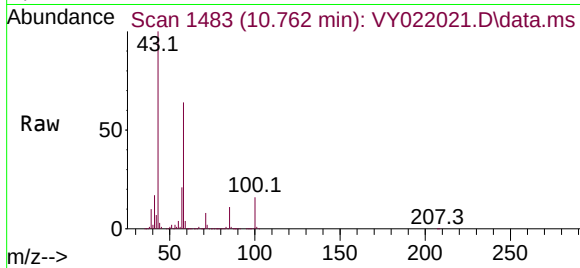




#59
2-Hexanone
Concen: 266.294 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

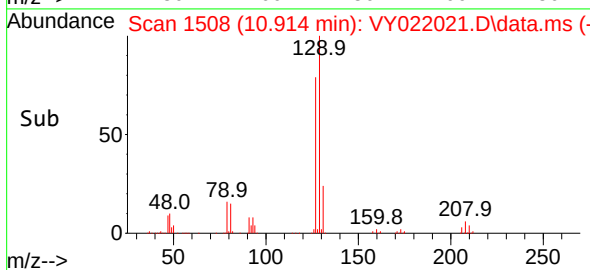
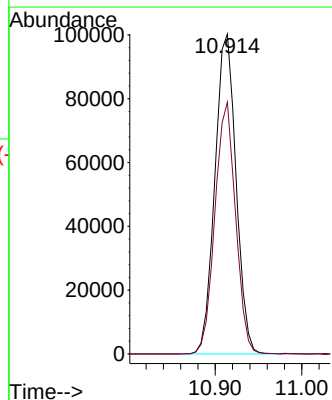
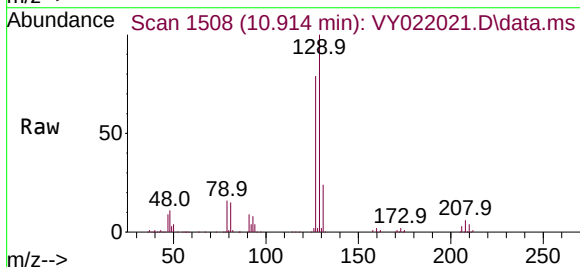
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

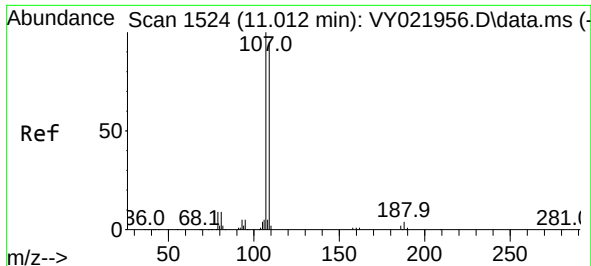
Tgt Ion: 43 Resp: 261097
Ion Ratio Lower Upper
43 100
58 63.9 32.0 96.0



#60
Dibromochloromethane
Concen: 51.661 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 129 Resp: 169983
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.898 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

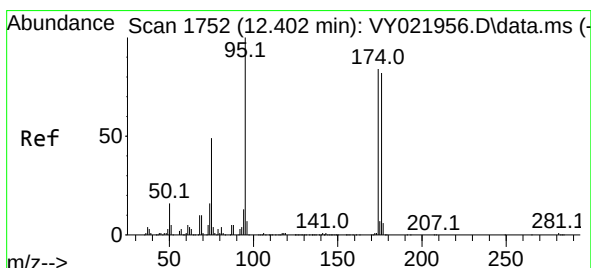
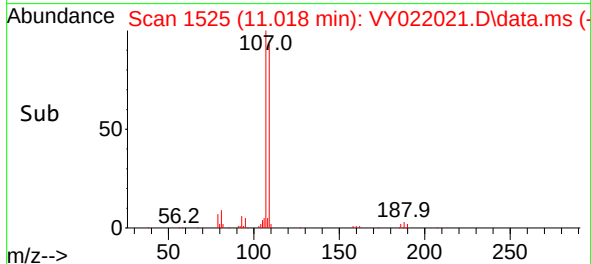
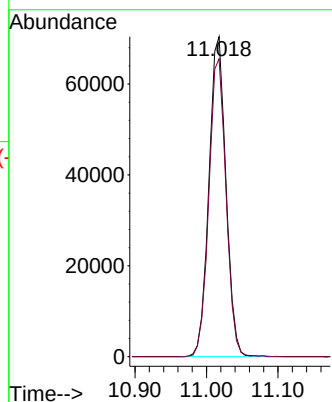
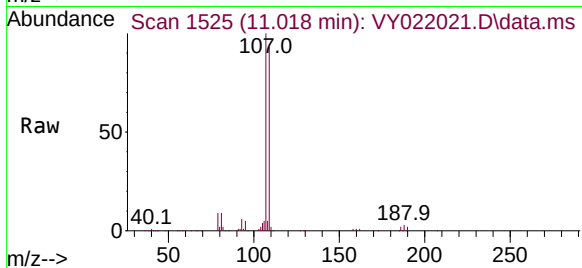
VSTDCCC050

Tgt Ion:107 Resp: 116441

Ion Ratio Lower Upper

107 100

109 93.7 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.288 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

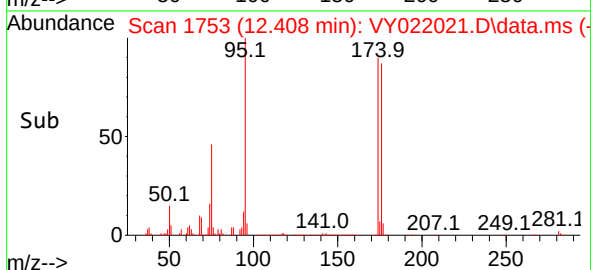
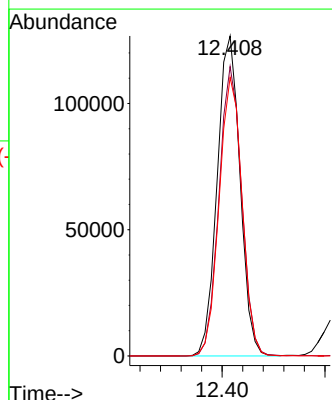
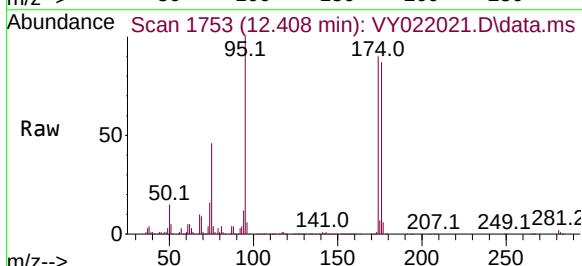
Tgt Ion: 95 Resp: 195343

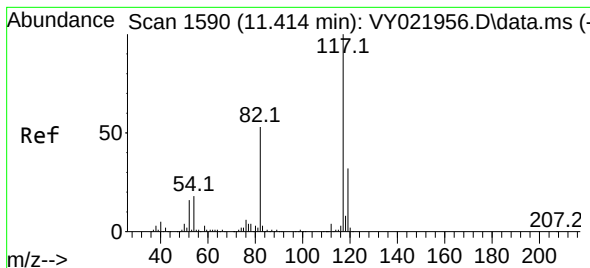
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.0

176 87.5 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

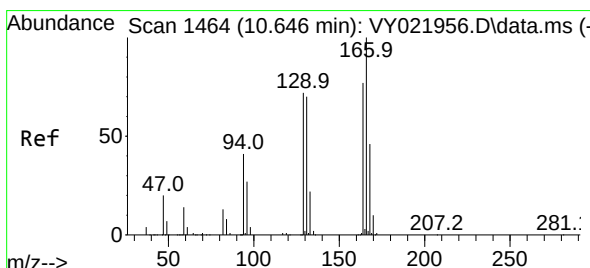
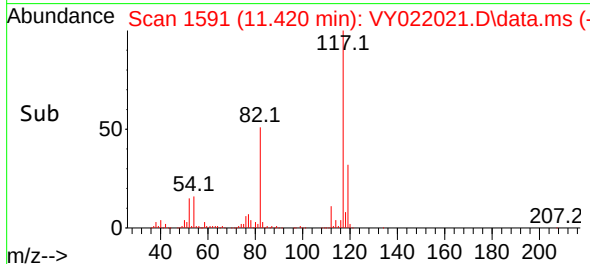
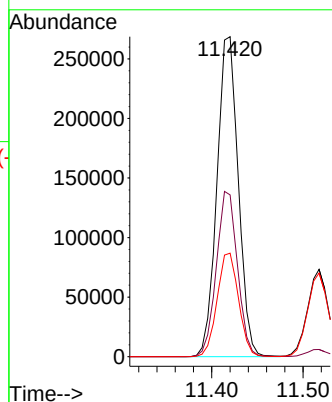
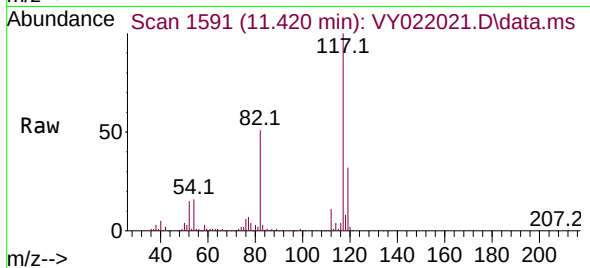
Tgt Ion:117 Resp: 436582

Ion Ratio Lower Upper

117 100

82 50.5 42.1 63.1

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 48.844 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Tgt Ion:164 Resp: 201169

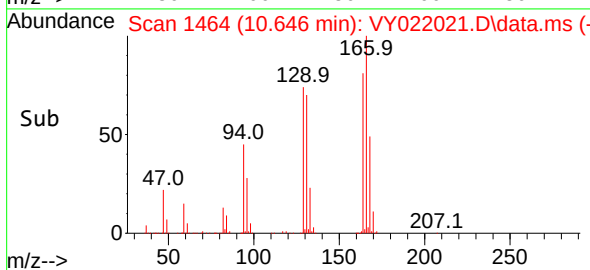
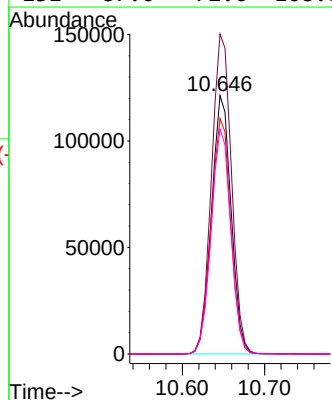
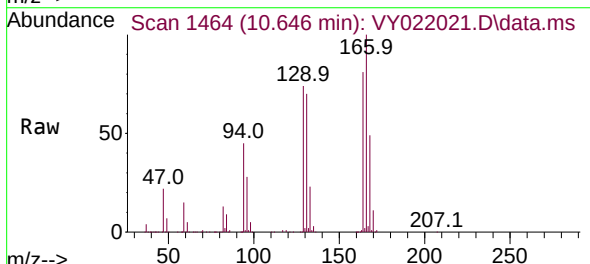
Ion Ratio Lower Upper

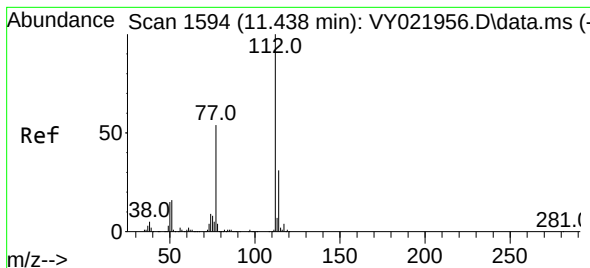
164 100

166 123.8 103.6 155.4

129 91.2 74.2 111.4

131 87.0 72.6 108.8

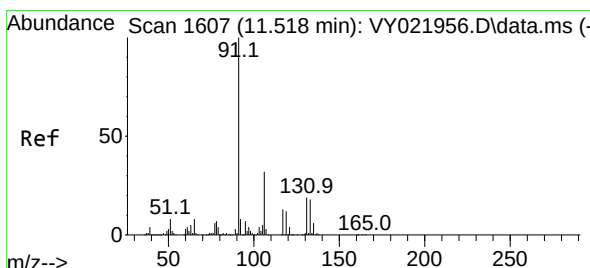
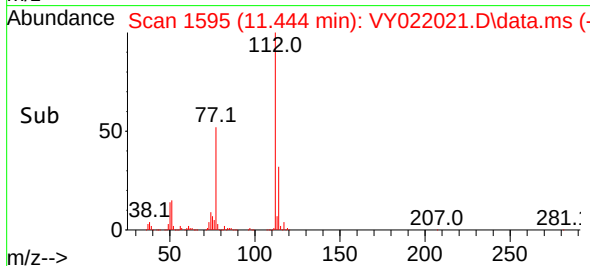
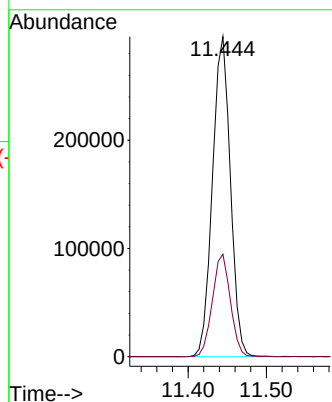
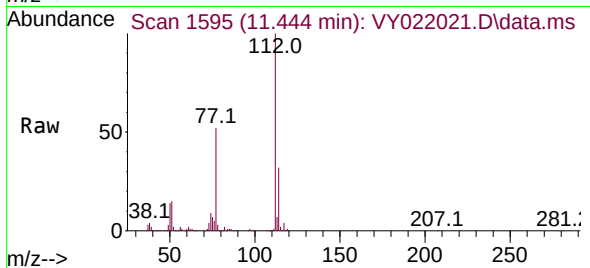




#65
Chlorobenzene
Concen: 48.139 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

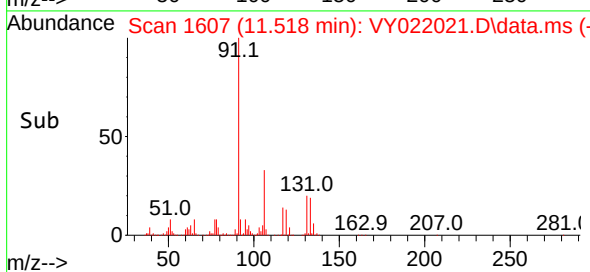
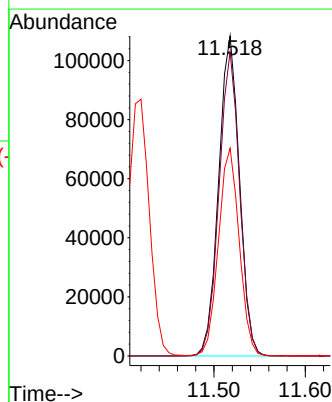
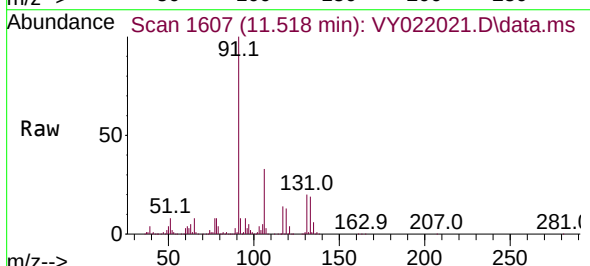
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

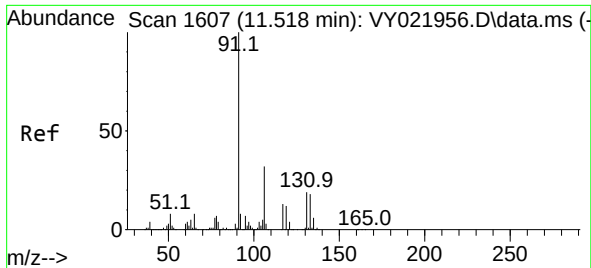
Tgt Ion:112 Resp: 469987
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.785 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion:131 Resp: 171117
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.3
119 65.1 32.4 97.0

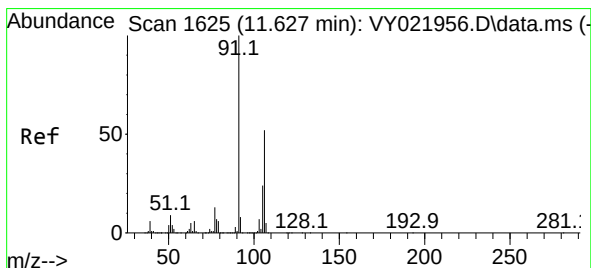
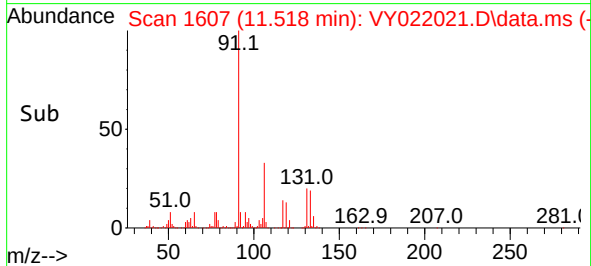
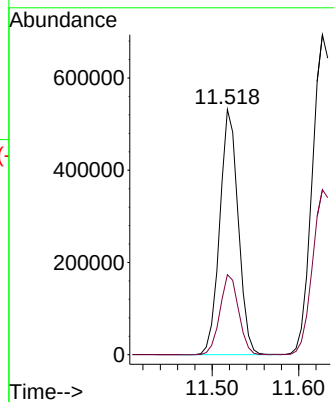
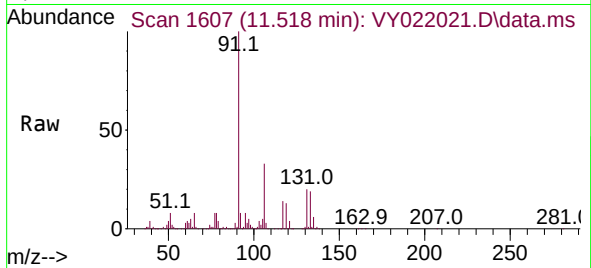




#67
Ethyl Benzene
Concen: 49.296 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

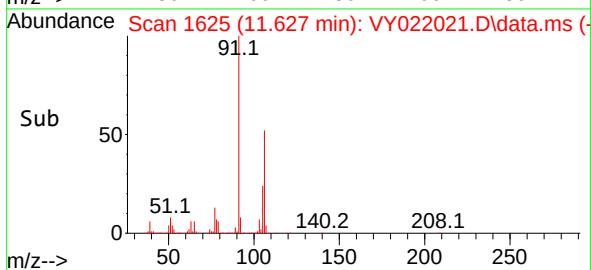
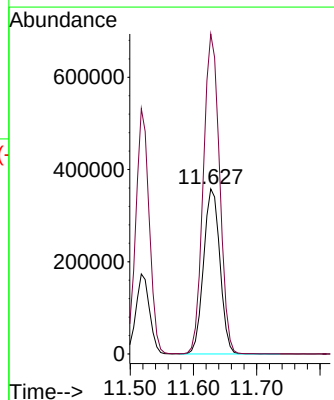
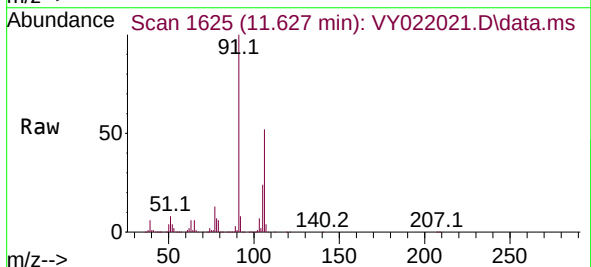
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

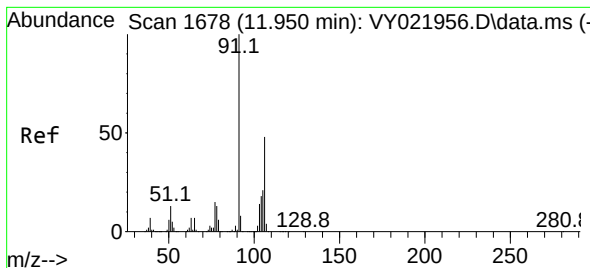
Tgt Ion: 91 Resp: 787306
Ion Ratio Lower Upper
91 100
106 32.6 25.9 38.9



#68
m/p-Xylenes
Concen: 101.477 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 106 Resp: 644900
Ion Ratio Lower Upper
106 100
91 192.6 156.2 234.2





#69

o-Xylene

Concen: 50.257 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

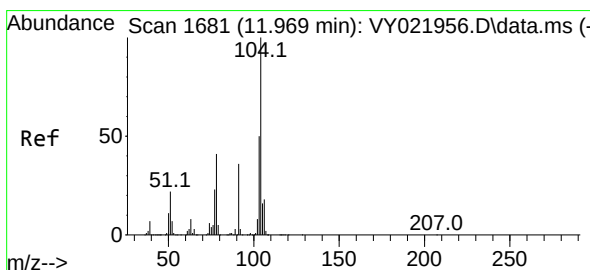
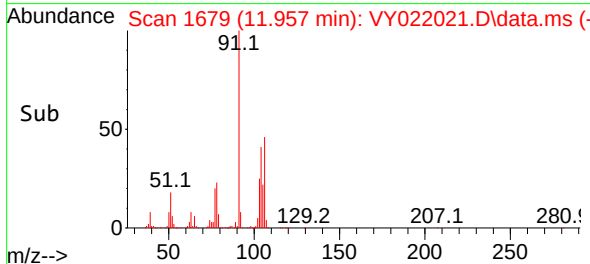
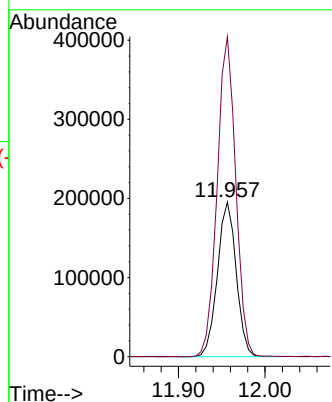
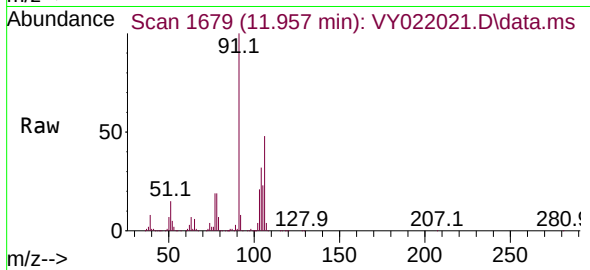
VSTDCCC050

Tgt Ion:106 Resp: 294379

Ion Ratio Lower Upper

106 100

91 204.8 103.0 308.9



#70

Styrene

Concen: 51.691 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

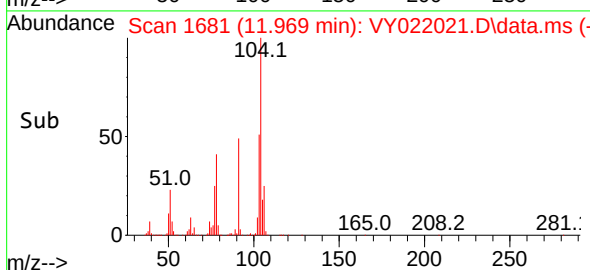
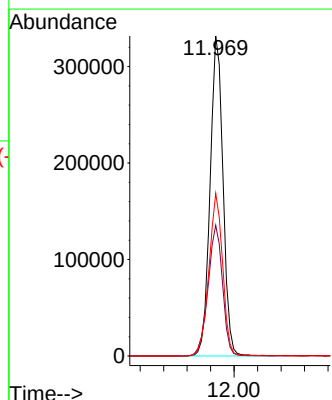
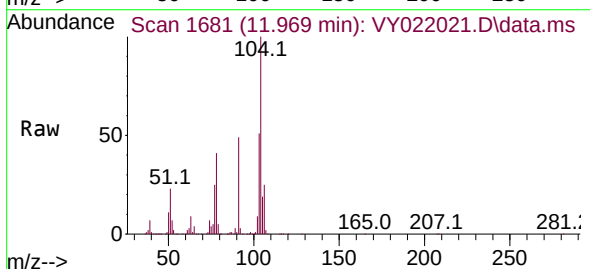
Tgt Ion:104 Resp: 508377

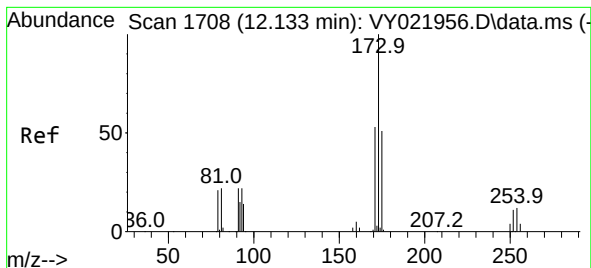
Ion Ratio Lower Upper

104 100

78 45.4 36.6 54.8

103 54.1 43.8 65.8





#71

Bromoform

Concen: 51.502 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

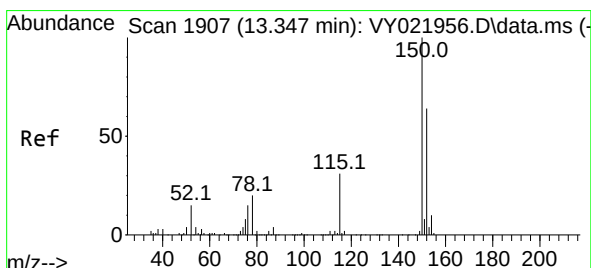
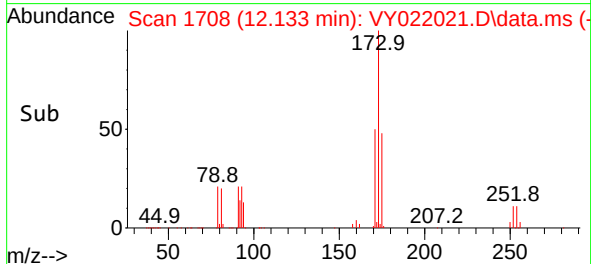
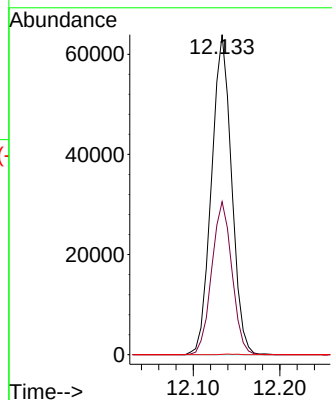
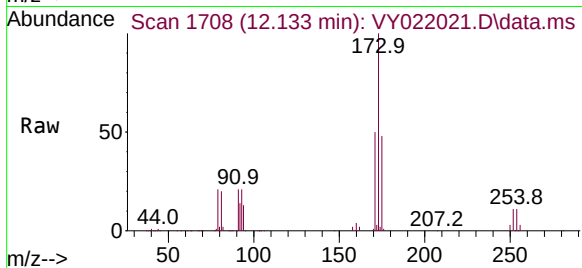
Tgt Ion:173 Resp: 102919

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

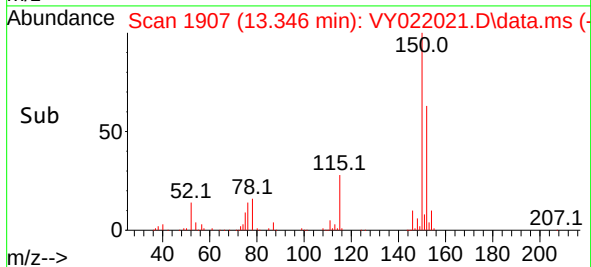
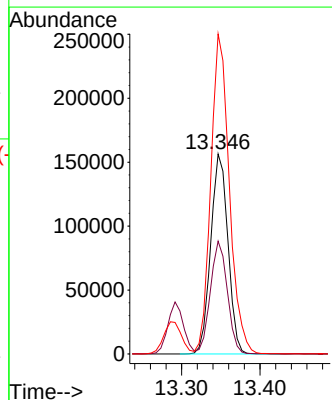
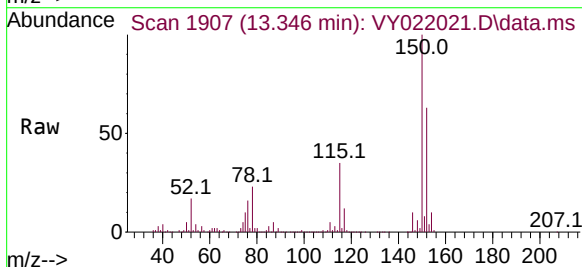
Tgt Ion:152 Resp: 238558

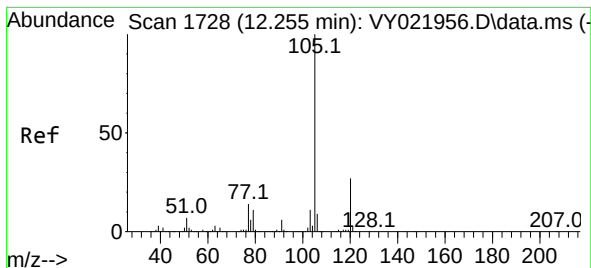
Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

150 172.0 0.0 345.6





#73

Isopropylbenzene

Concen: 48.321 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

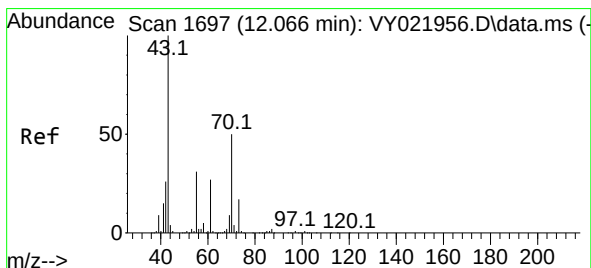
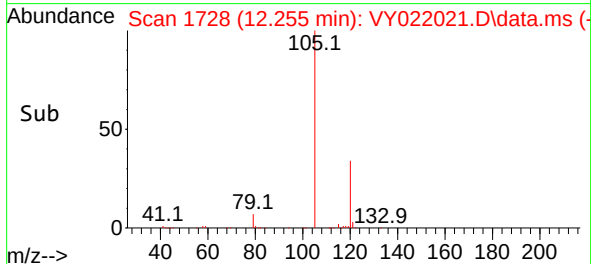
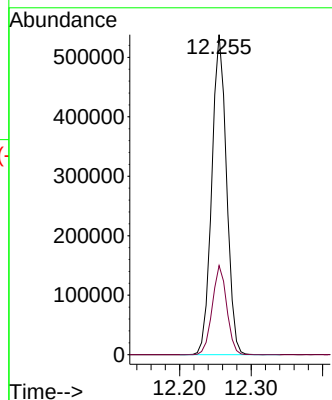
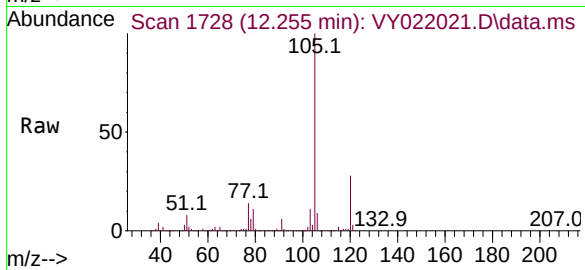
VSTDCCC050

Tgt Ion:105 Resp: 770147

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 45.653 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Tgt Ion: 43 Resp: 125014

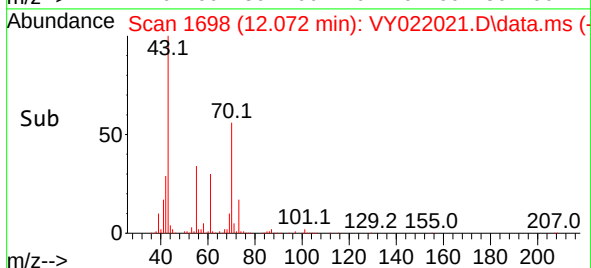
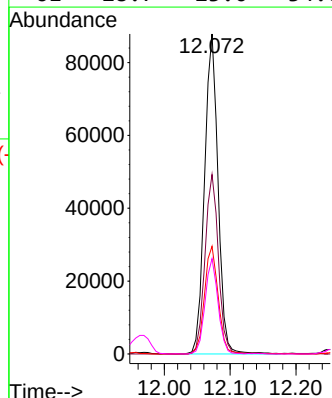
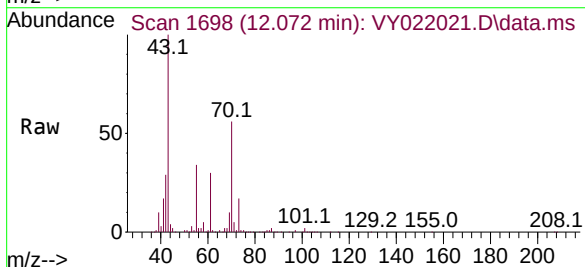
Ion Ratio Lower Upper

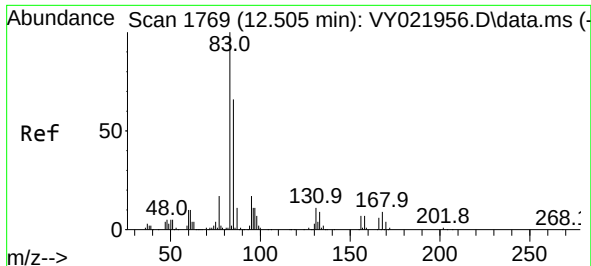
43 100

70 56.2 43.2 64.8

55 34.5 25.7 38.5

61 28.7 23.0 34.6

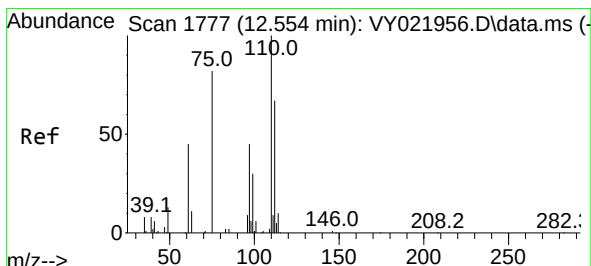
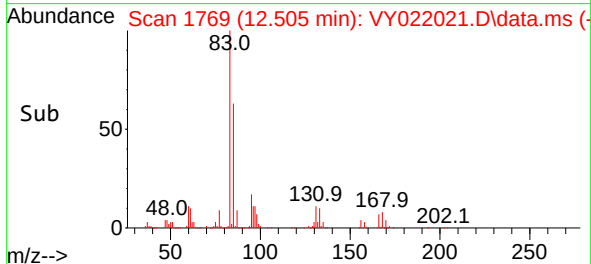
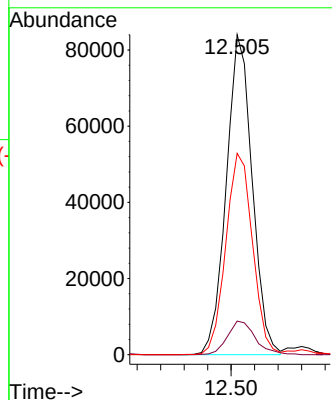
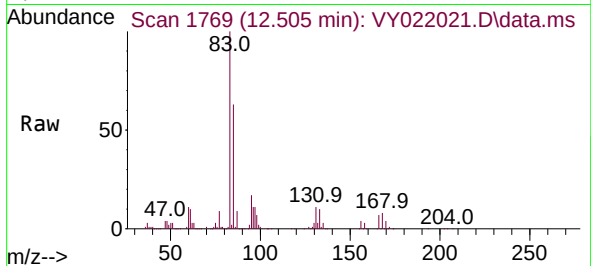




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.921 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

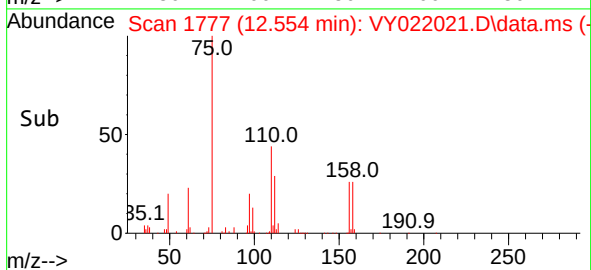
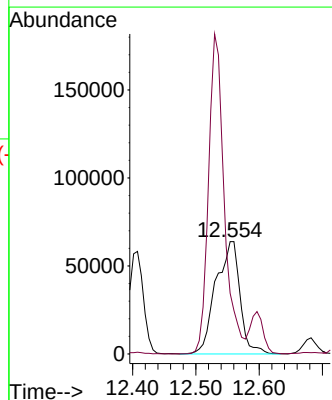
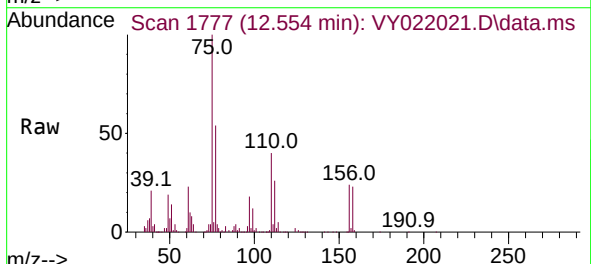
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

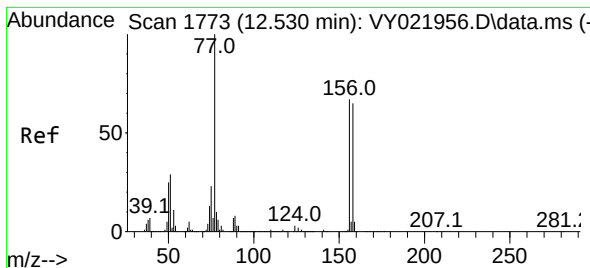
Tgt Ion: 83 Resp: 128769
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.5 16.4
 85 65.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 82.954 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

Tgt Ion: 75 Resp: 169505
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.026 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

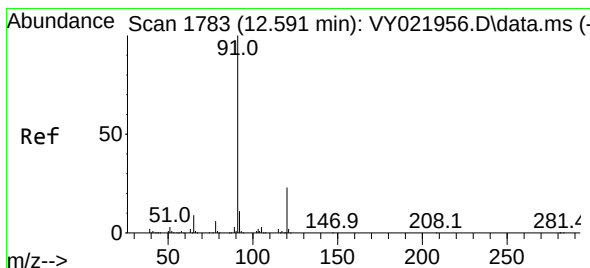
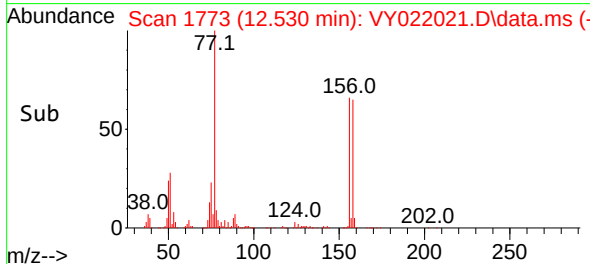
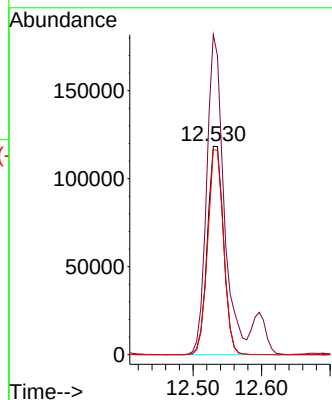
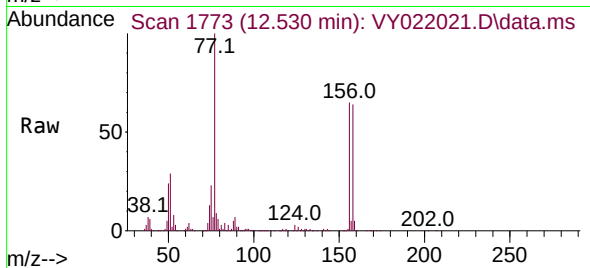
Tgt Ion:156 Resp: 193416

Ion Ratio Lower Upper

156 100

77 164.1 82.7 248.1

158 97.1 48.1 144.4



#78

n-propylbenzene

Concen: 48.417 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022021.D

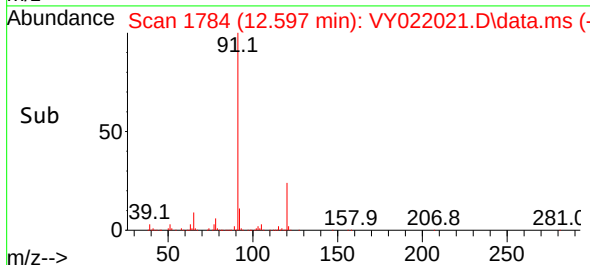
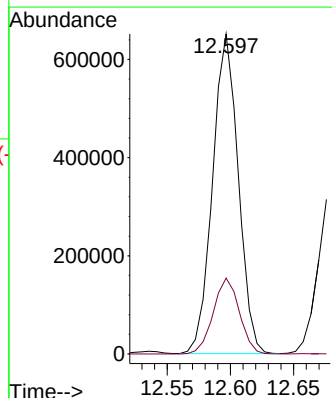
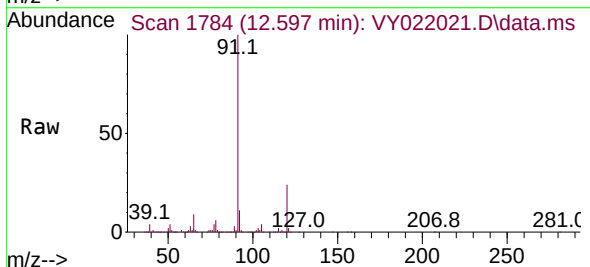
Acq: 28 Apr 2025 09:59

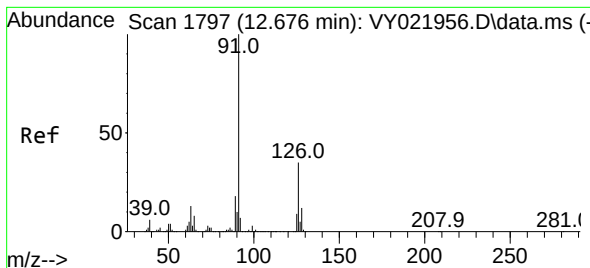
Tgt Ion: 91 Resp: 918990

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 47.359 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

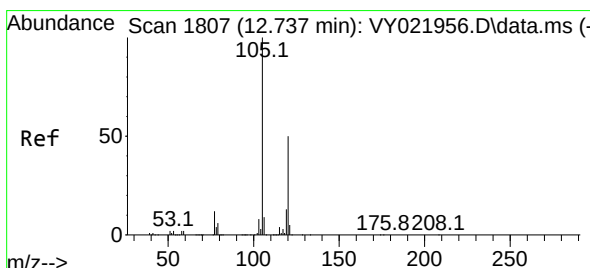
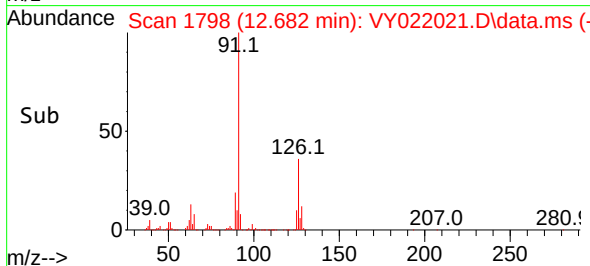
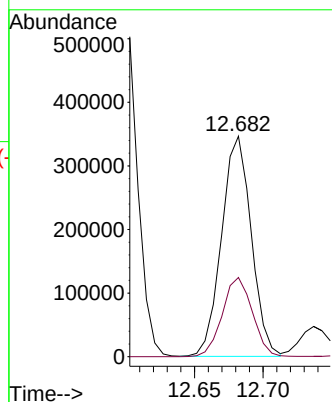
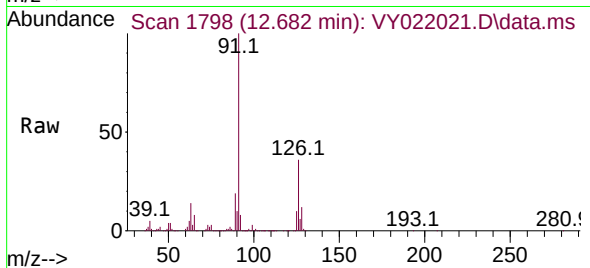
VSTDCCC050

Tgt Ion: 91 Resp: 522771

Ion Ratio Lower Upper

91 100

126 36.4 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 49.434 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022021.D

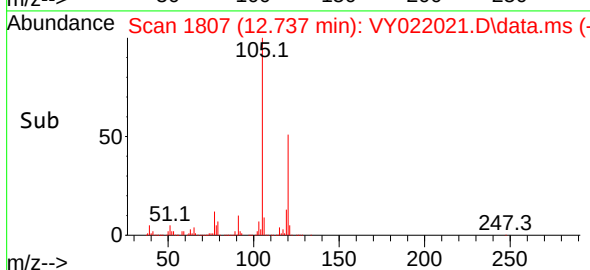
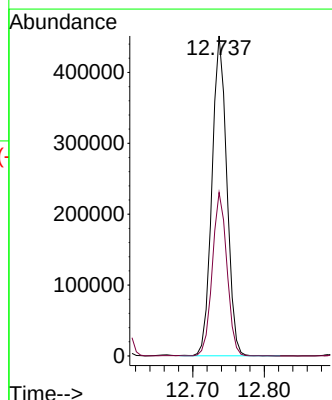
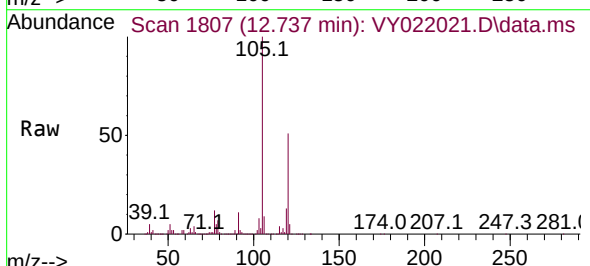
Acq: 28 Apr 2025 09:59

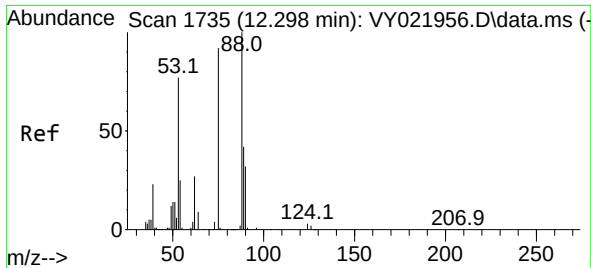
Tgt Ion: 105 Resp: 649179

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0

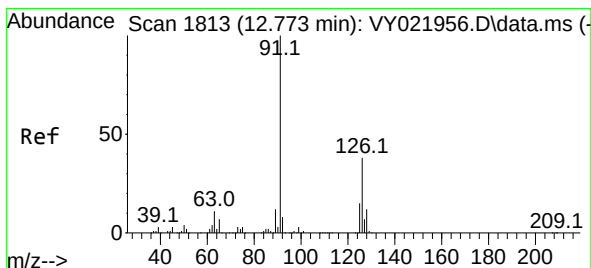
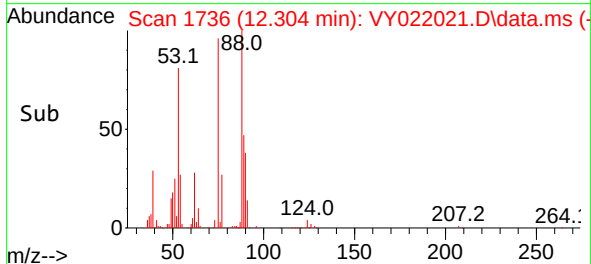
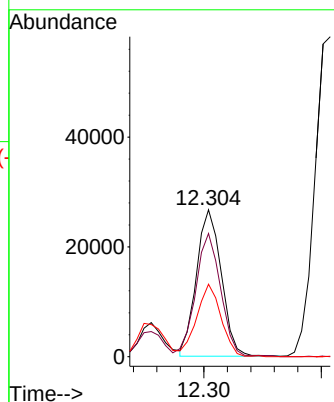
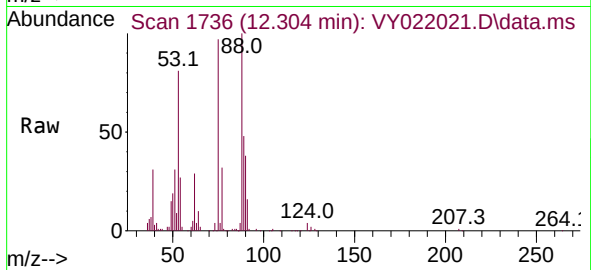




#81
trans-1,4-Dichloro-2-butene
Concen: 46.220 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

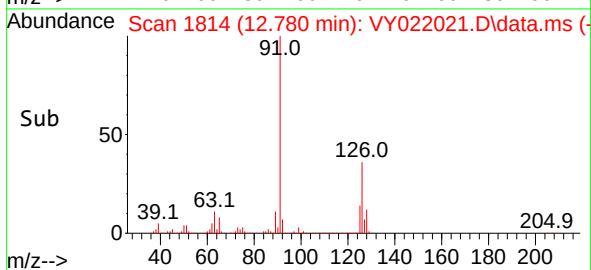
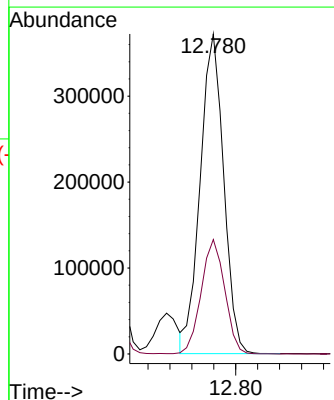
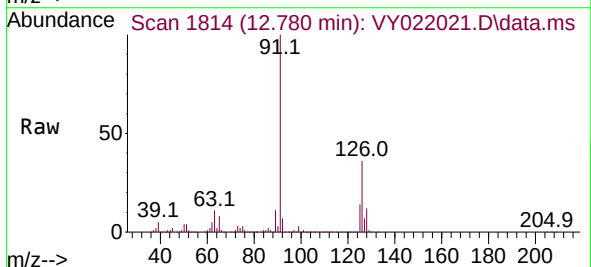
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

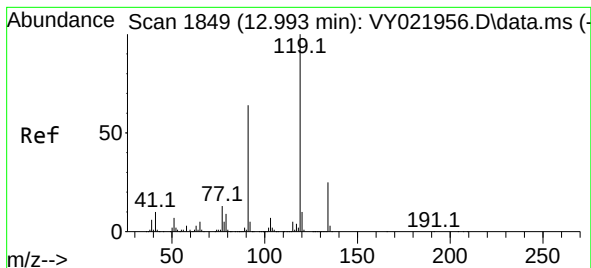
Tgt Ion: 75 Resp: 39219
Ion Ratio Lower Upper
75 100
53 85.3 66.0 99.0
89 48.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 48.113 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022021.D
Acq: 28 Apr 2025 09:59

Tgt Ion: 91 Resp: 552085
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 47.962 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

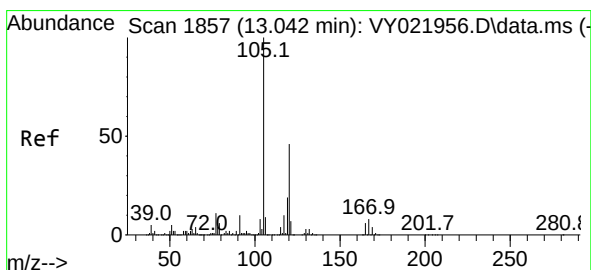
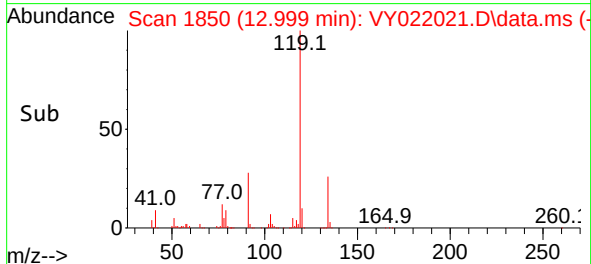
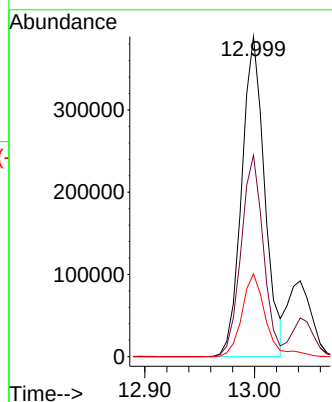
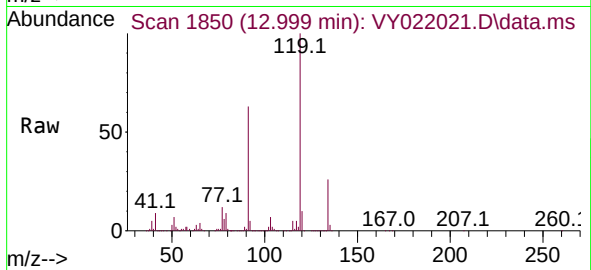
Tgt Ion:119 Resp: 564883

Ion Ratio Lower Upper

119 100

91 61.1 30.3 90.9

134 26.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 49.692 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022021.D

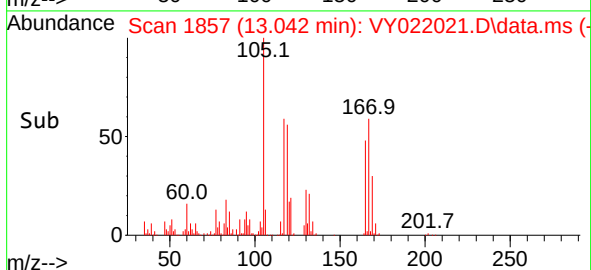
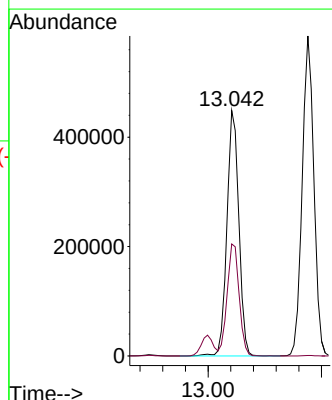
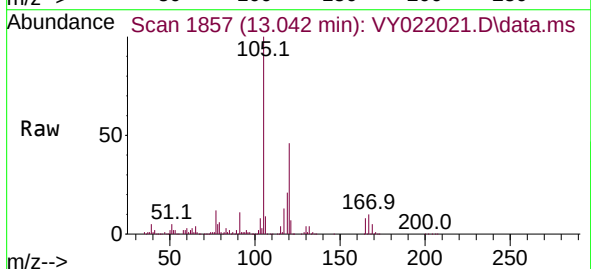
Acq: 28 Apr 2025 09:59

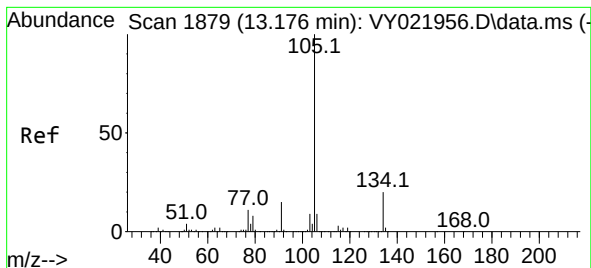
Tgt Ion:105 Resp: 652719

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 48.338 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

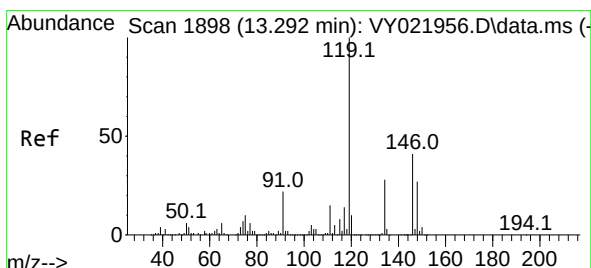
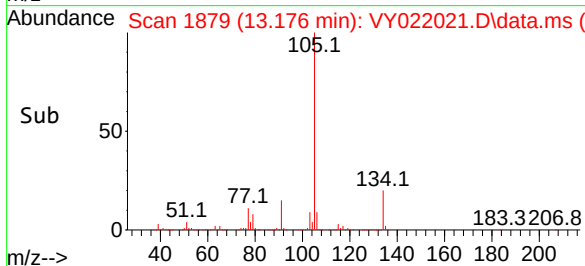
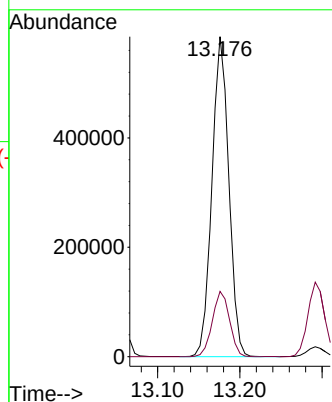
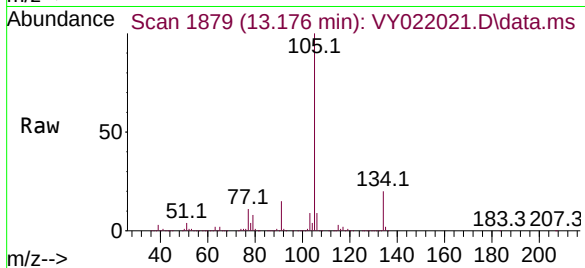
VSTDCCC050

Tgt Ion:105 Resp: 833063

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 49.118 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

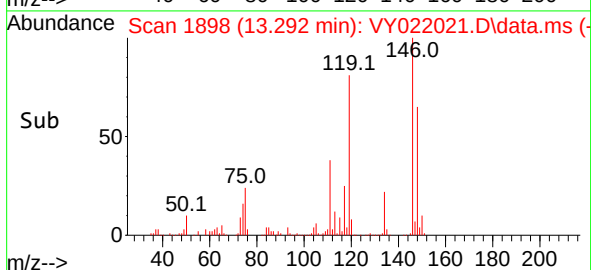
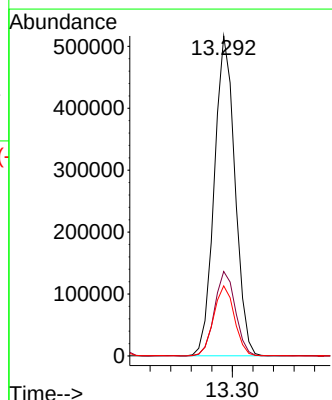
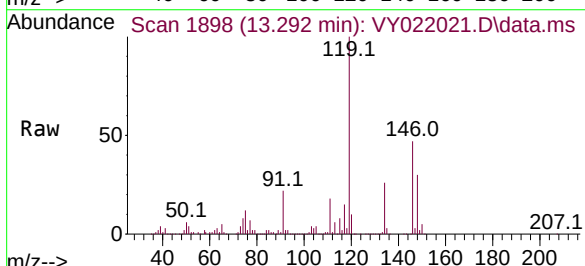
Tgt Ion:119 Resp: 718809

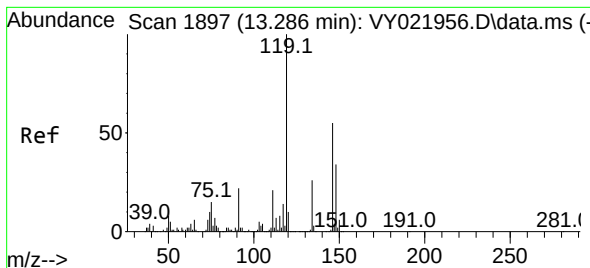
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 48.150 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

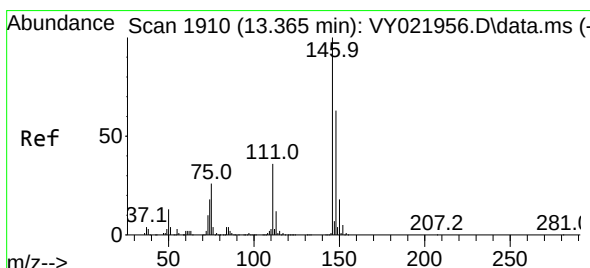
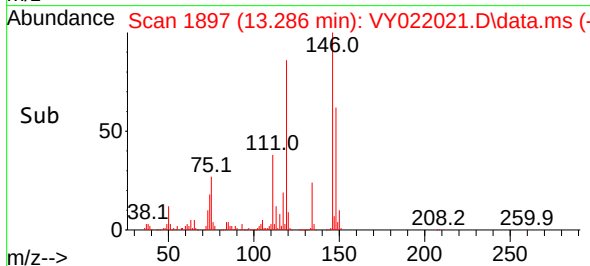
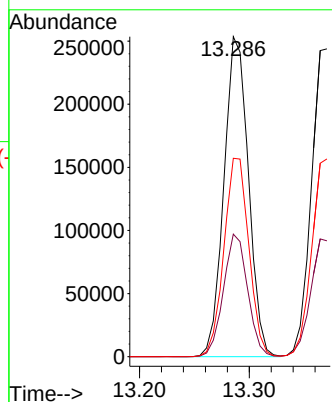
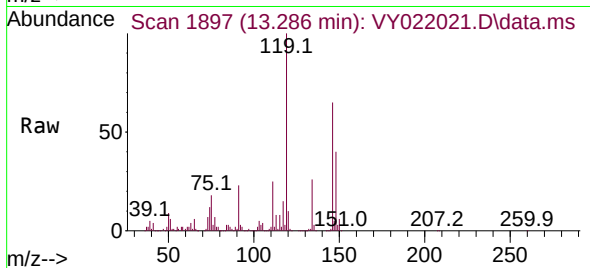
Tgt Ion:146 Resp: 393855

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

148 63.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 47.284 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

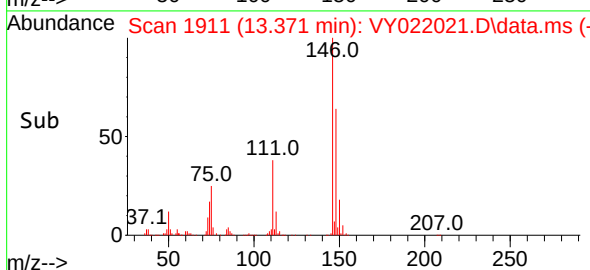
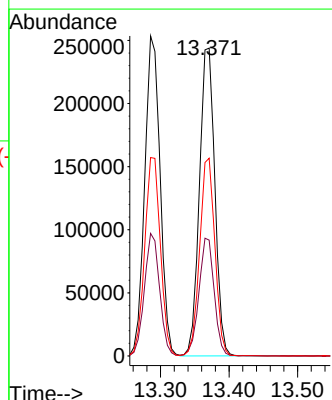
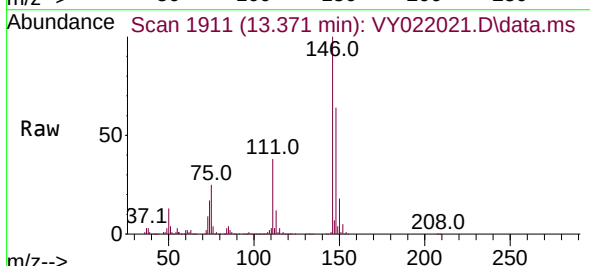
Tgt Ion:146 Resp: 383054

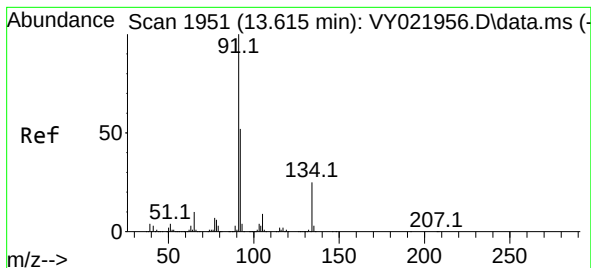
Ion Ratio Lower Upper

146 100

111 37.7 19.2 57.6

148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 47.376 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

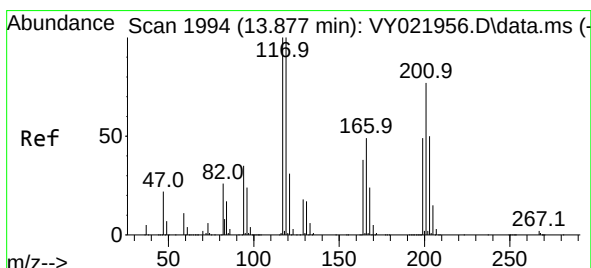
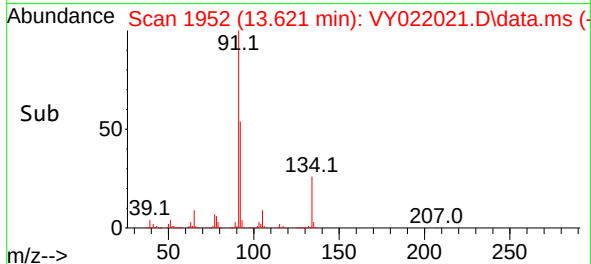
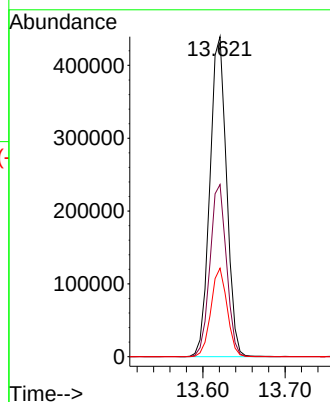
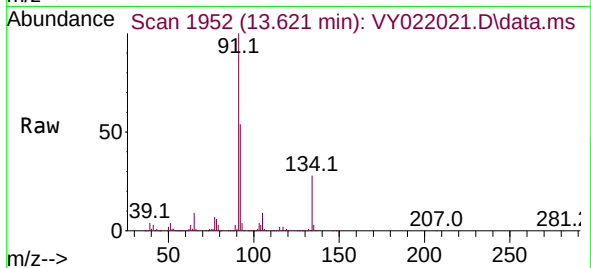
Tgt Ion: 91 Resp: 619718

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

134 26.8 13.4 40.1



#90

Hexachloroethane

Concen: 46.466 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022021.D

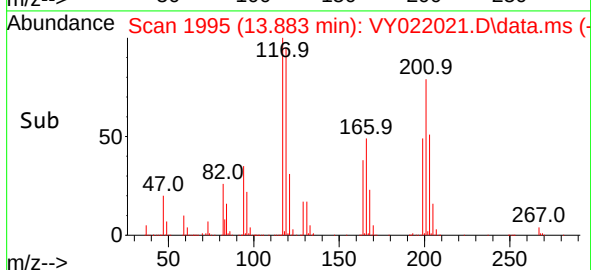
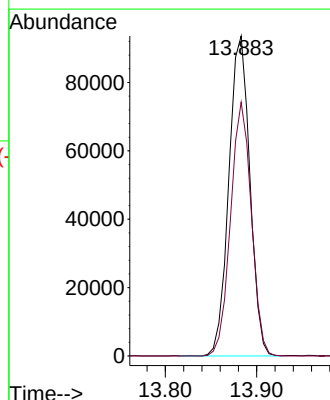
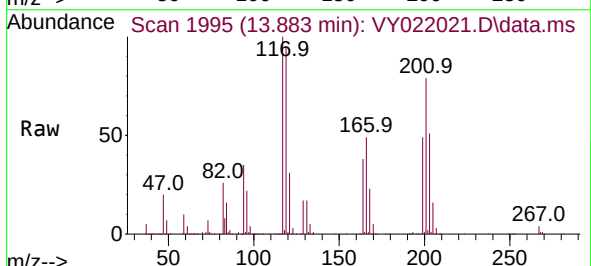
Acq: 28 Apr 2025 09:59

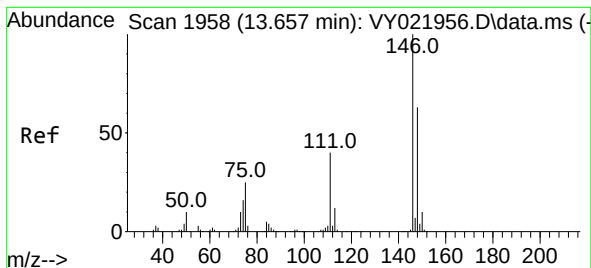
Tgt Ion: 117 Resp: 149402

Ion Ratio Lower Upper

117 100

201 78.4 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 48.011 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

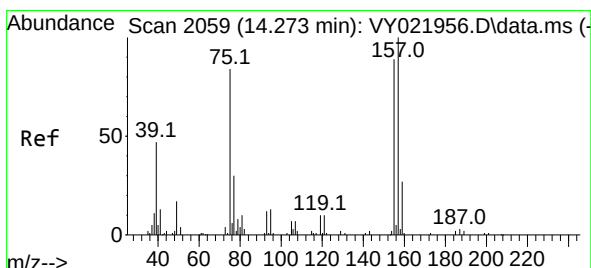
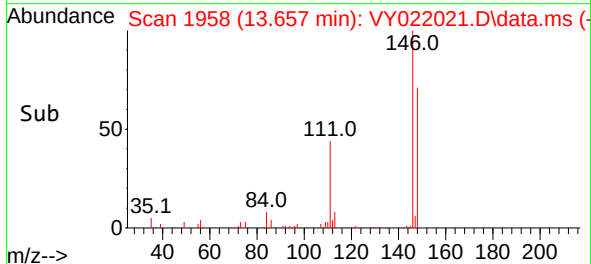
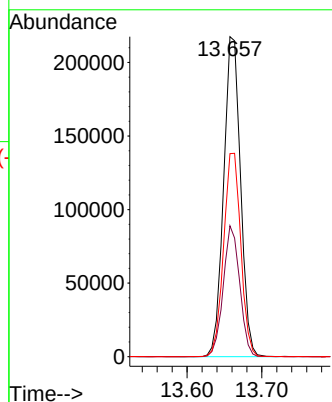
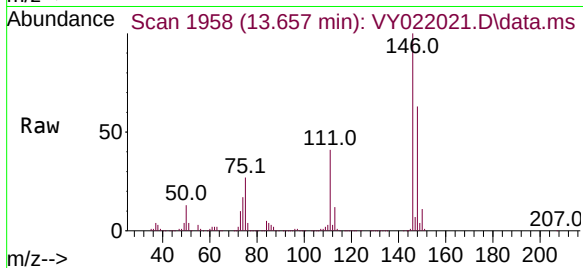
Tgt Ion:146 Resp: 342527

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.1

148 64.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.111 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

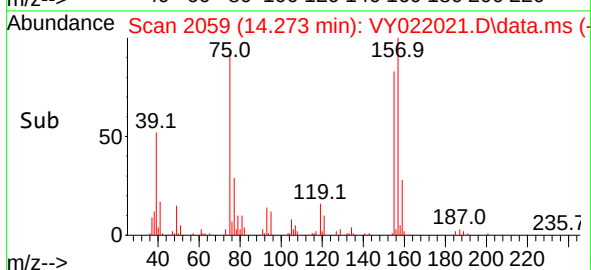
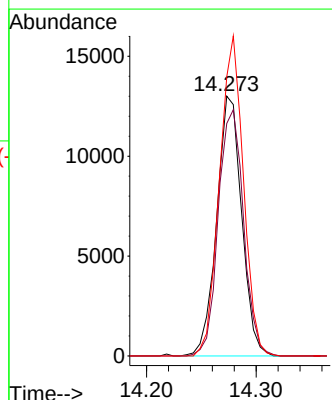
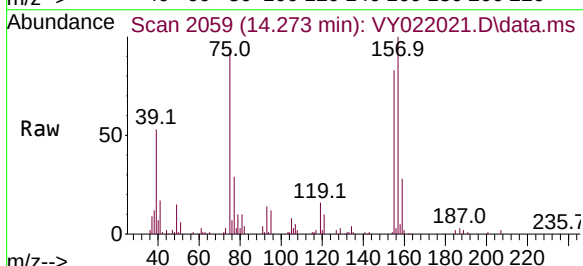
Tgt Ion: 75 Resp: 20568

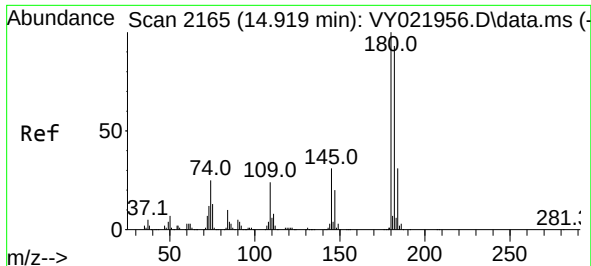
Ion Ratio Lower Upper

75 100

155 95.8 50.7 152.3

157 117.7 62.6 187.8

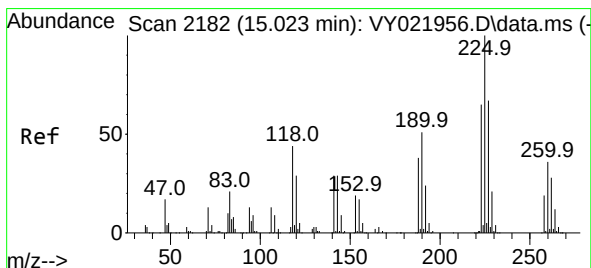
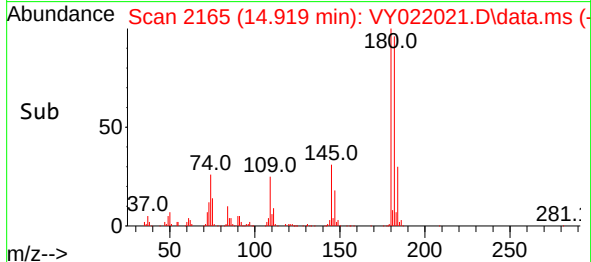
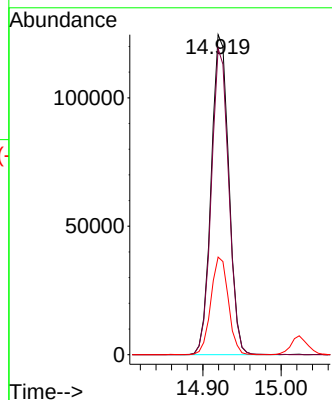
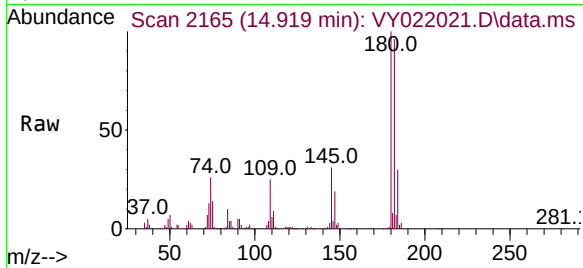




#93
 1,2,4-Trichlorobenzene
 Concen: 48.066 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

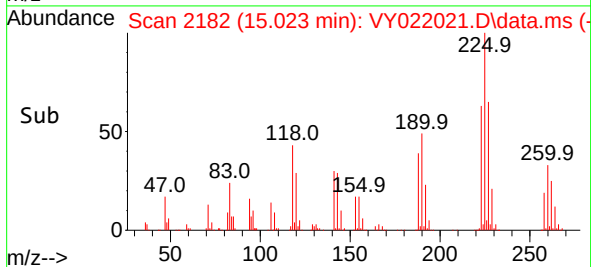
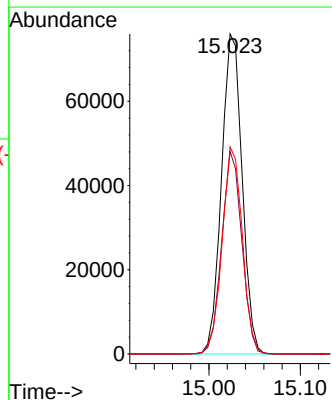
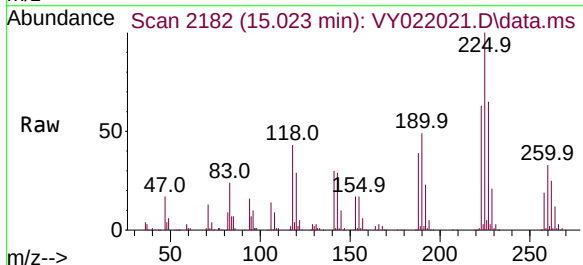
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

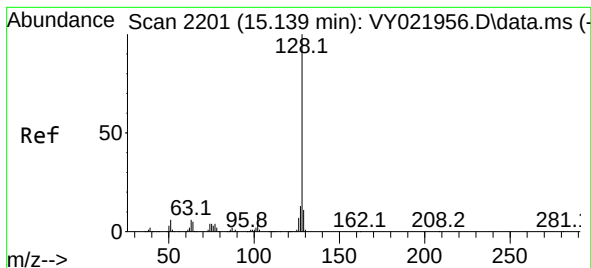
Tgt Ion:180 Resp: 194321
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.1 141.4
 145 30.2 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 47.878 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022021.D
 Acq: 28 Apr 2025 09:59

Tgt Ion:225 Resp: 119092
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.9 95.5
 227 63.6 32.3 96.9





#95

Naphthalene

Concen: 49.688 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

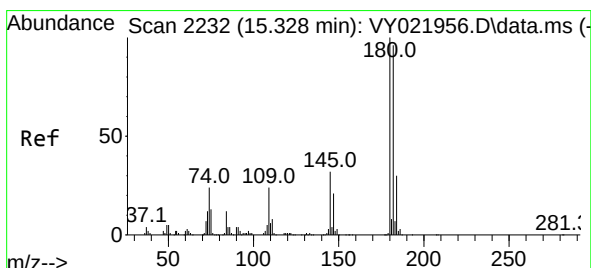
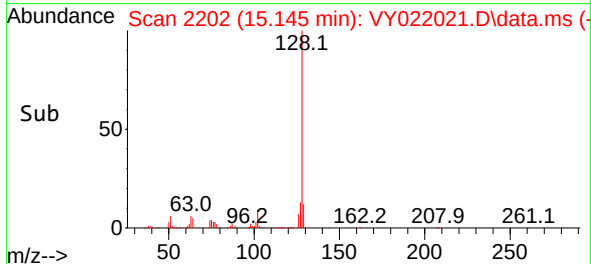
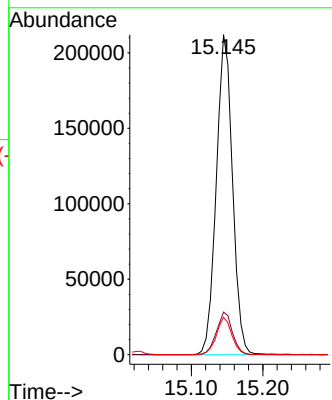
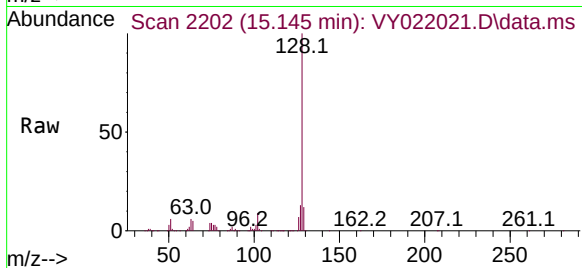
Tgt Ion:128 Resp: 333693

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.408 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022021.D

Acq: 28 Apr 2025 09:59

Tgt Ion:180 Resp: 172423

Ion Ratio Lower Upper

180 100

182 94.7 48.1 144.4

145 31.3 16.0 48.0

