

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021951.D
 Acq On : 21 Apr 2025 16:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 22 02:46:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	178246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	272994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	136832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96850	50.149	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.300%	
35) Dibromofluoromethane	7.634	113	92651	52.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.640%	
50) Toluene-d8	10.109	98	353497	52.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.408	95	124822	54.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	72565	39.278	ug/l	99
3) Chloromethane	2.068	50	120614	46.429	ug/l	99
4) Vinyl Chloride	2.202	62	132036	44.942	ug/l	99
5) Bromomethane	2.599	94	101638	50.724	ug/l	99
6) Chloroethane	2.733	64	92149	47.934	ug/l	97
7) Trichlorofluoromethane	3.056	101	173172	46.014	ug/l	97
8) Diethyl Ether	3.458	74	47787	46.692	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	93727	47.219	ug/l	99
10) Methyl Iodide	4.007	142	106680	48.990	ug/l	99
11) Tert butyl alcohol	4.885	59	25967	207.008	ug/l	99
12) 1,1-Dichloroethene	3.787	96	83254	44.530	ug/l	98
13) Acrolein	3.665	56	6659	29.073	ug/l	96
14) Allyl chloride	4.385	41	138203	46.362	ug/l	99
15) Acrylonitrile	5.068	53	104695	244.997	ug/l	99
16) Acetone	3.879	43	75874	191.965	ug/l	97
17) Carbon Disulfide	4.104	76	261023	42.387	ug/l	99
18) Methyl Acetate	4.391	43	68331	69.755	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	224505	48.231	ug/l	98
20) Methylene Chloride	4.616	84	99224	51.412	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	96667	46.959	ug/l	99
22) Diisopropyl ether	6.019	45	316608	50.631	ug/l	99
23) Vinyl Acetate	5.964	43	832454	227.559	ug/l	98
24) 1,1-Dichloroethane	5.915	63	182214	48.731	ug/l	100
25) 2-Butanone	6.903	43	127972	226.684	ug/l	99
26) 2,2-Dichloropropane	6.884	77	154961	46.590	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	113893	49.199	ug/l	99
28) Bromochloromethane	7.244	49	80327	50.938	ug/l	98
29) Tetrahydrofuran	7.268	42	87418	240.601	ug/l	99
30) Chloroform	7.421	83	194464	50.002	ug/l	99
31) Cyclohexane	7.707	56	149422	43.838	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	169260	48.153	ug/l	98
36) 1,1-Dichloropropene	7.835	75	133353	49.439	ug/l	99
37) Ethyl Acetate	6.988	43	59158	46.472	ug/l	99
38) Carbon Tetrachloride	7.817	117	153008	49.528	ug/l	99
39) Methylcyclohexane	9.110	83	152947	47.466	ug/l	98
40) Benzene	8.079	78	408902	50.621	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	32257	47.715	ug/l #	100
42) 1,2-Dichloroethane	8.159	62	115063	50.527	ug/l	100
43) Isopropyl Acetate	8.201	43	116080	48.119	ug/l	98
44) Trichloroethene	8.866	130	104017	50.539	ug/l	97
45) 1,2-Dichloropropane	9.140	63	98623	51.580	ug/l	99
46) Dibromomethane	9.231	93	56564	51.330	ug/l	99
47) Bromodichloromethane	9.427	83	147837	51.775	ug/l	99
48) Methyl methacrylate	9.225	41	58658	52.980	ug/l	98
49) 1,4-Dioxane	9.238	88	11527	976.463	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	329262	262.277	ug/l	100
52) Toluene	10.170	92	266517	52.882	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	130775	51.563	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	150975	50.459	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	76478	53.930	ug/l	99
56) Ethyl methacrylate	10.439	69	97697	53.954	ug/l	97
57) 1,3-Dichloropropane	10.719	76	129846	53.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	250968	284.112	ug/l	100
59) 2-Hexanone	10.762	43	220302	263.496	ug/l	99
60) Dibromochloromethane	10.914	129	103346	53.377	ug/l	100
61) 1,2-Dibromoethane	11.018	107	69734	52.420	ug/l	99
64) Tetrachloroethene	10.646	164	120936	52.889	ug/l	96
65) Chlorobenzene	11.445	112	285589	49.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	105159	51.500	ug/l	99
67) Ethyl Benzene	11.518	91	502076	50.875	ug/l	99
68) m/p-Xylenes	11.627	106	390432	103.315	ug/l	99
69) o-Xylene	11.957	106	181503	52.031	ug/l	99
70) Styrene	11.969	104	309799	53.265	ug/l	99
71) Bromoform	12.133	173	61991	53.223	ug/l #	100
73) Isopropylbenzene	12.255	105	477832	47.017	ug/l	100
74) N-amyl acetate	12.072	43	105325	44.158	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	82790	45.310	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	114815	84.650	ug/l #	100
77) Bromobenzene	12.536	156	115220	47.219	ug/l	99
78) n-propylbenzene	12.597	91	589438	48.242	ug/l	100
79) 2-Chlorotoluene	12.682	91	335221	47.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	398543	47.982	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24882	42.269	ug/l	96
82) 4-Chlorotoluene	12.780	91	348611	47.119	ug/l	99
83) tert-Butylbenzene	12.999	119	350975	47.440	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	402999	49.090	ug/l	100
85) sec-Butylbenzene	13.176	105	518223	47.931	ug/l	100
86) p-Isopropyltoluene	13.292	119	437765	48.989	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	232404	48.342	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	225322	47.438	ug/l	98
89) n-Butylbenzene	13.615	91	395005	47.797	ug/l	99
90) Hexachloroethane	13.883	117	93593	47.795	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	202444	48.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13444	47.472	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	114004	50.233	ug/l	100
94) Hexachlorobutadiene	15.023	225	68065	48.022	ug/l	99
95) Naphthalene	15.145	128	195156	51.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	97611	50.437	ug/l	99

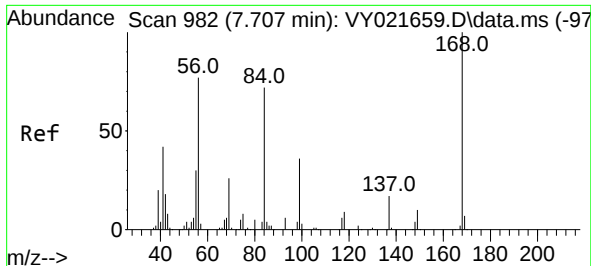
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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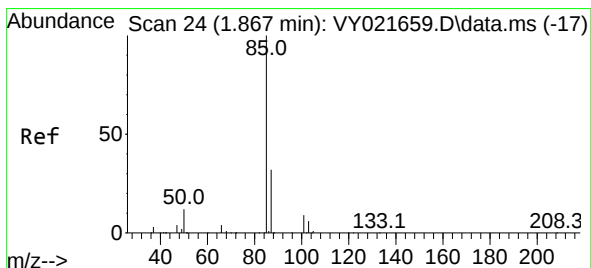
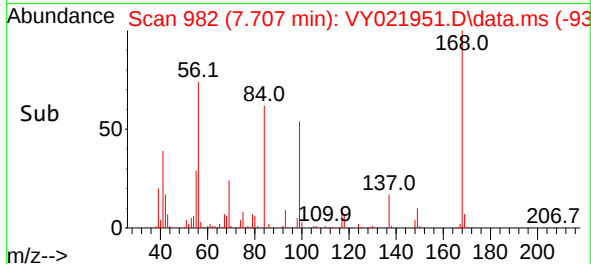
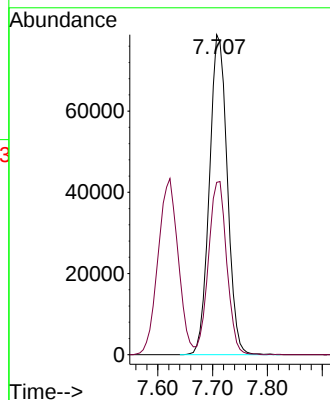
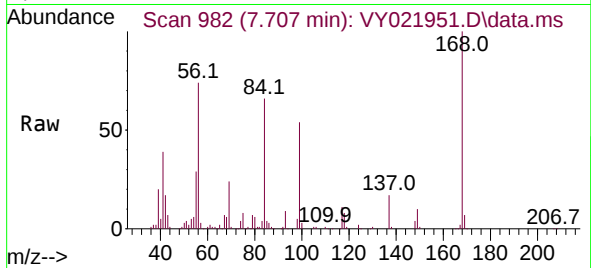
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

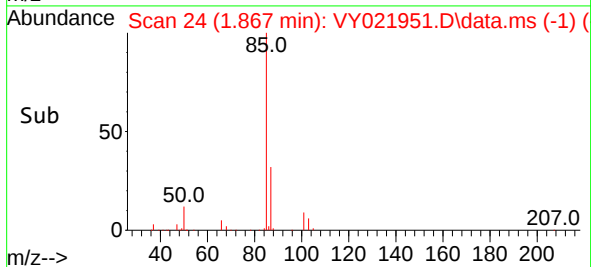
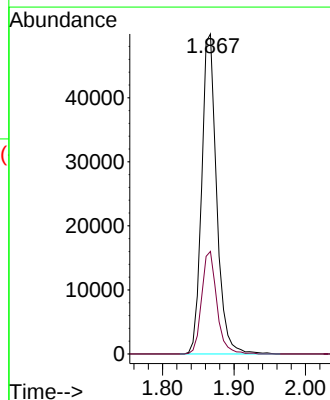
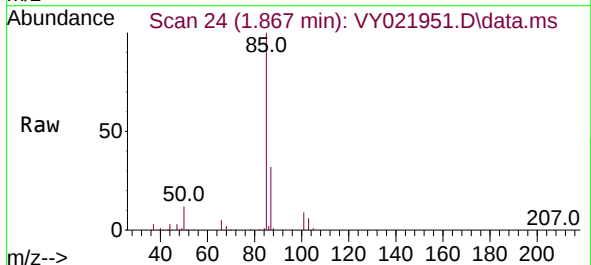
Instrument :
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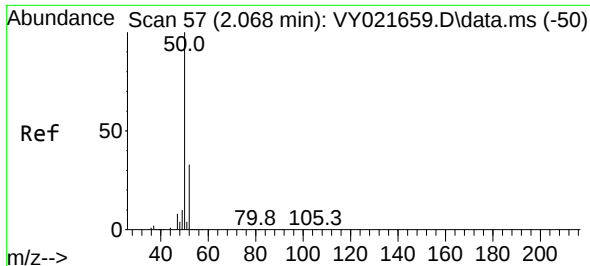
Tgt Ion:168 Resp: 178246
Ion Ratio Lower Upper
168 100
99 53.7 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 39.278 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 85 Resp: 72565
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6

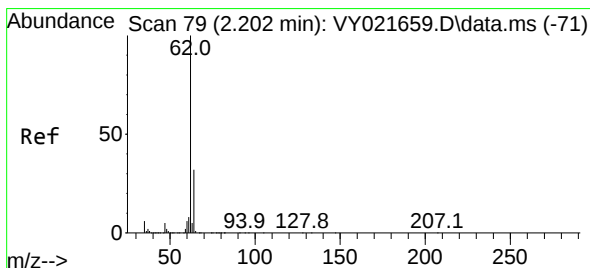
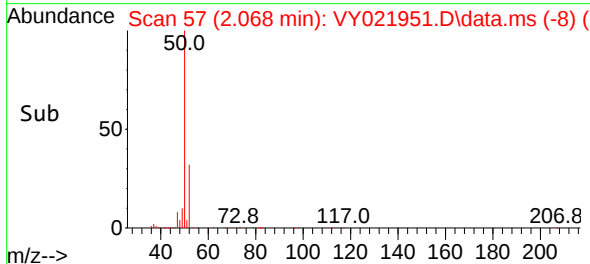
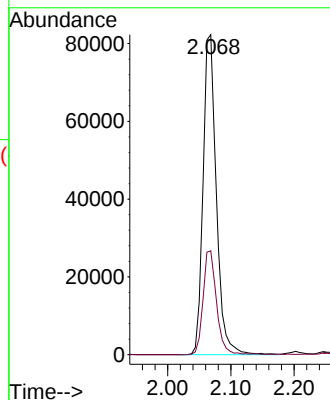
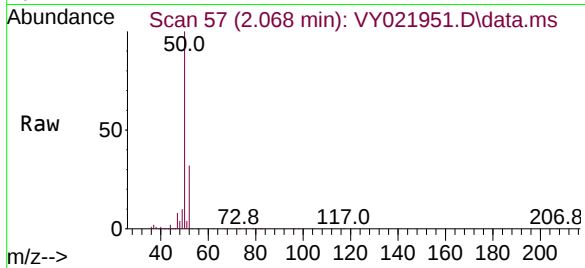




#3
Chloromethane
Concen: 46.429 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

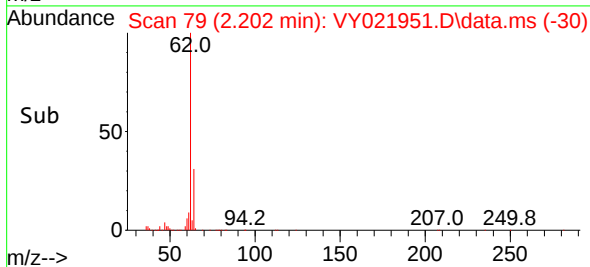
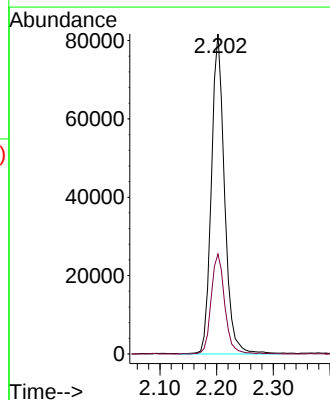
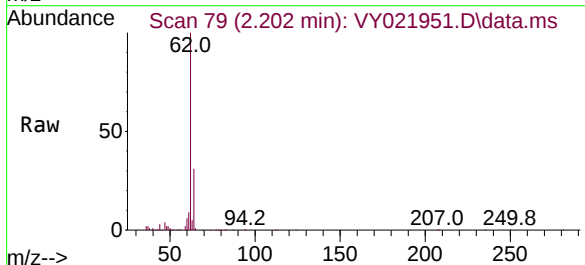
Instrument :
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ClientSampleId :
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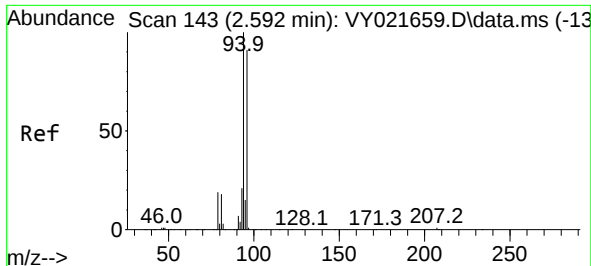
Tgt Ion: 50 Resp: 120614
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5



#4
Vinyl Chloride
Concen: 44.942 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 62 Resp: 132036
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3

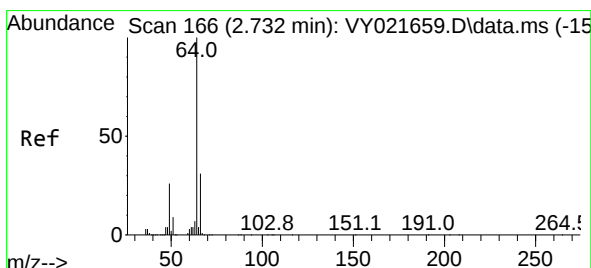
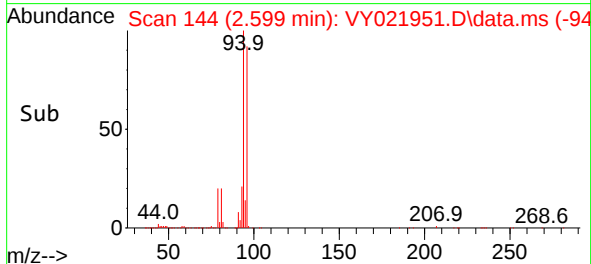
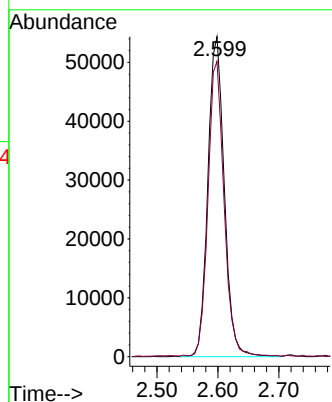
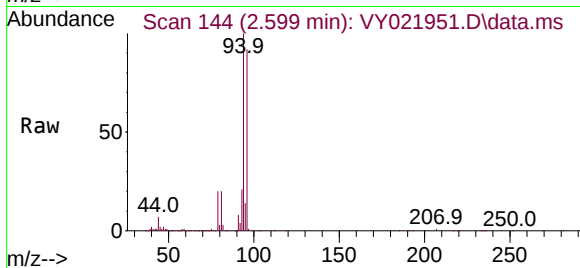




#5
Bromomethane
Concen: 50.724 ug/l
RT: 2.599 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

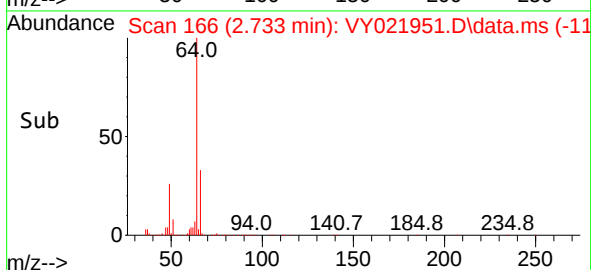
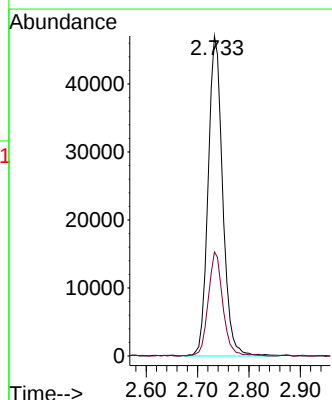
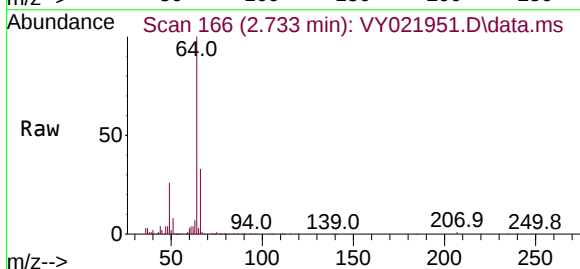
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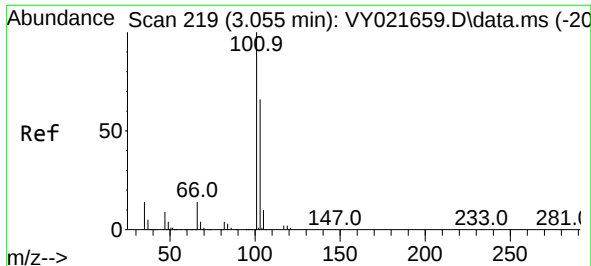
Tgt Ion: 94 Resp: 101638
Ion Ratio Lower Upper
94 100
96 92.1 72.8 109.2



#6
Chloroethane
Concen: 47.934 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 64 Resp: 92149
Ion Ratio Lower Upper
64 100
66 32.5 24.9 37.3

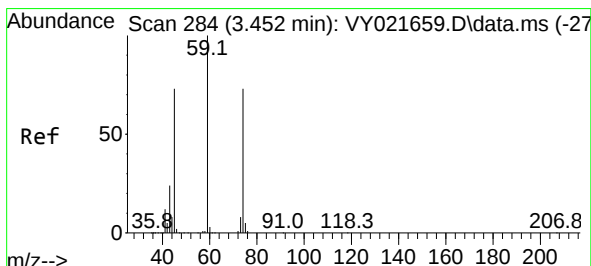
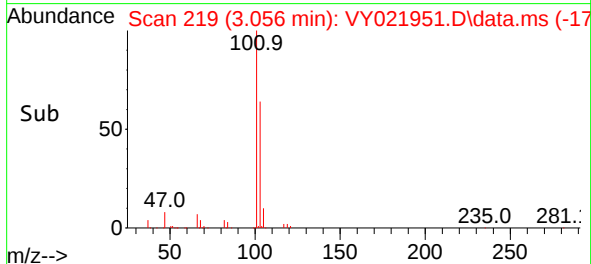
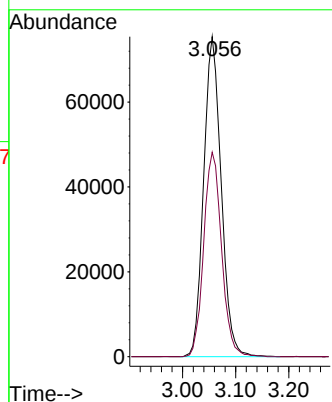
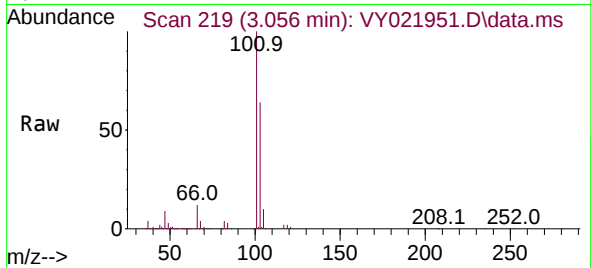




#7
 Trichlorofluoromethane
 Concen: 46.014 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

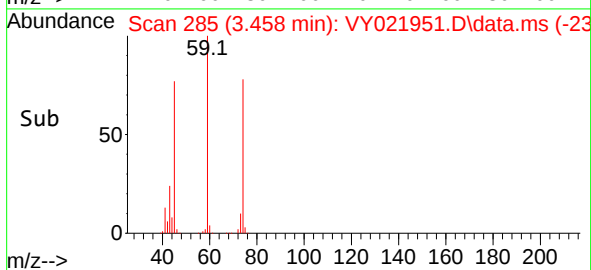
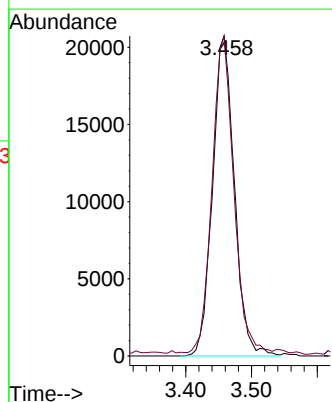
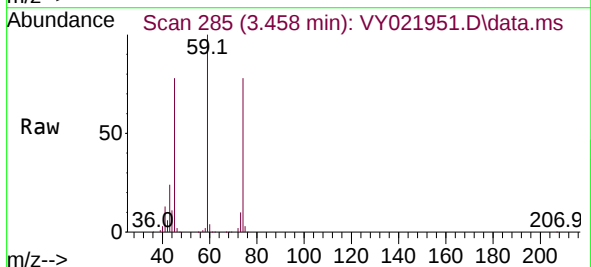
Instrument :
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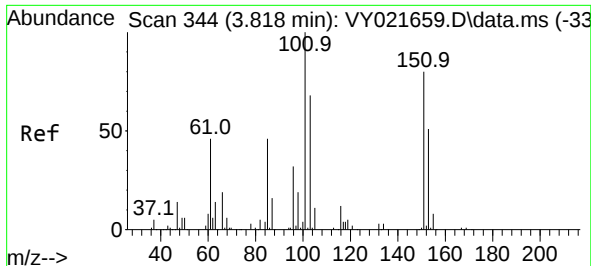
Tgt Ion:101 Resp: 173172
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.1 79.7



#8
 Diethyl Ether
 Concen: 46.692 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

Tgt Ion: 74 Resp: 47787
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.6 145.8

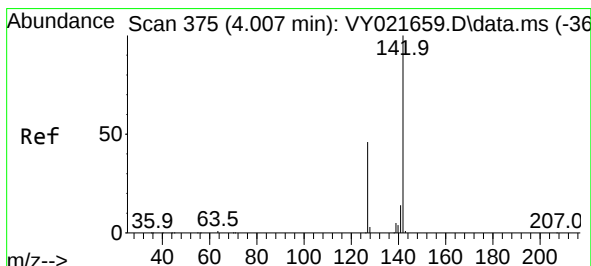
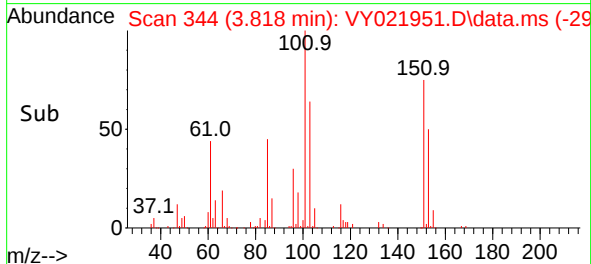
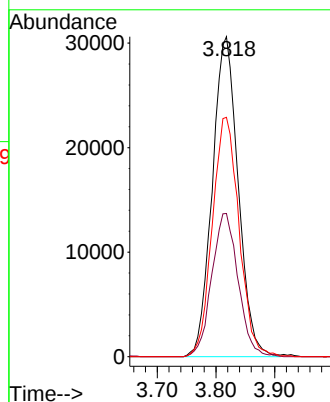
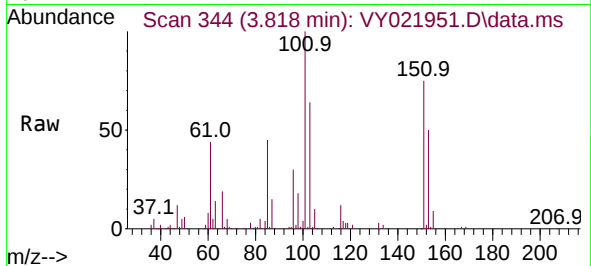




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.219 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021951.D
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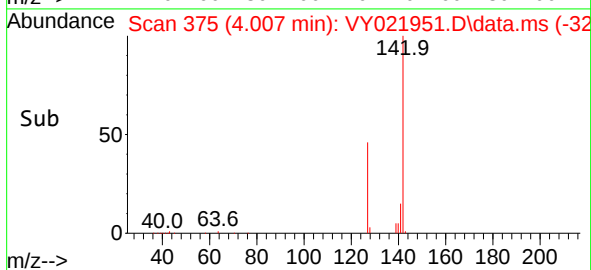
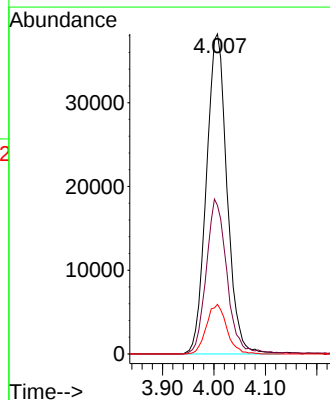
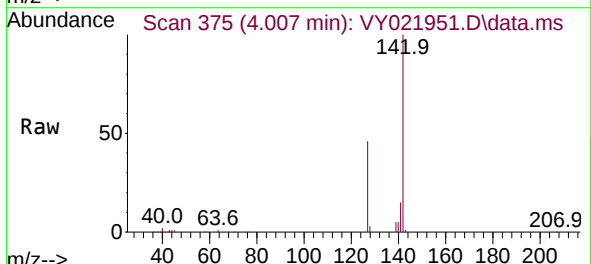
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

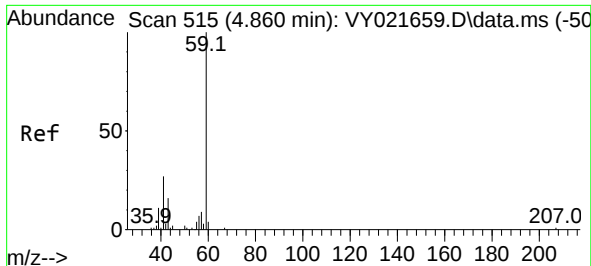
Tgt Ion:101 Resp: 93727
Ion Ratio Lower Upper
101 100
85 45.5 36.3 54.5
151 77.2 61.3 91.9



#10
Methyl Iodide
Concen: 48.990 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion:142 Resp: 106680
Ion Ratio Lower Upper
142 100
127 48.4 38.7 58.1
141 15.3 11.5 17.3

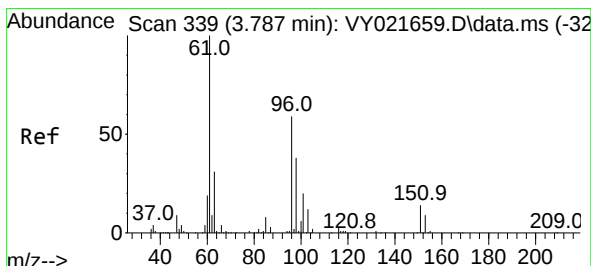
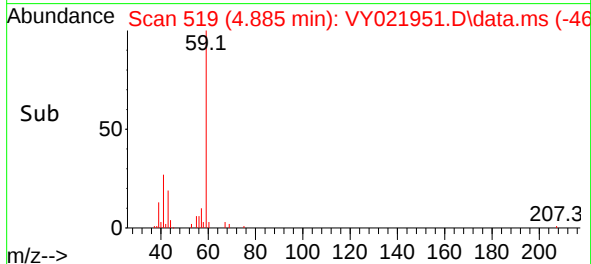
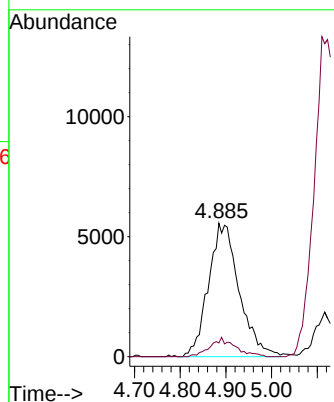
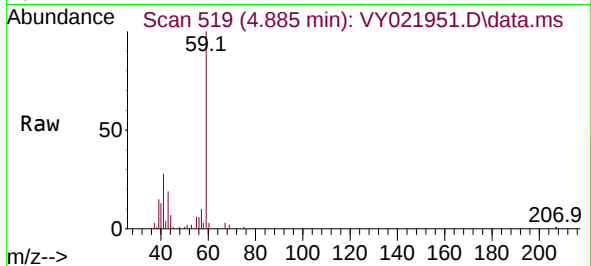




#11
Tert butyl alcohol
Concen: 207.008 ug/l
RT: 4.885 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

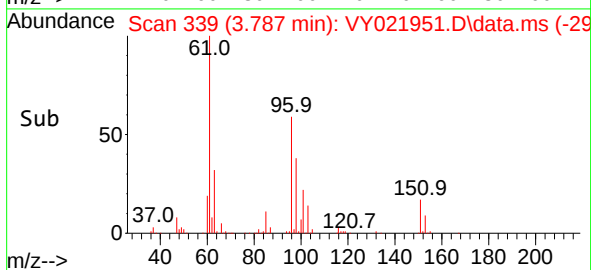
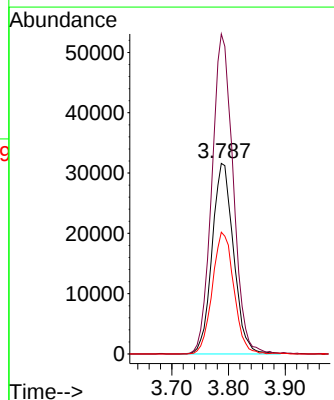
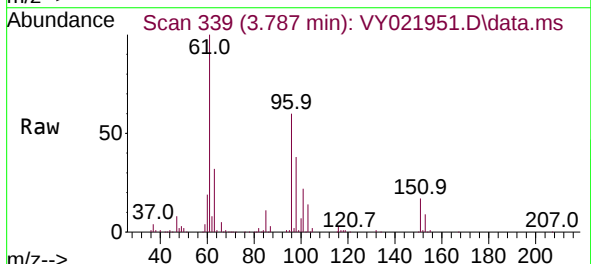
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

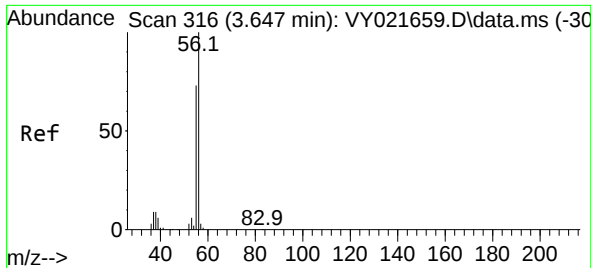
Tgt Ion: 59 Resp: 25967
Ion Ratio Lower Upper
59 100
57 11.8 9.2 13.8



#12
1,1-Dichloroethene
Concen: 44.530 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 96 Resp: 83254
Ion Ratio Lower Upper
96 100
61 167.9 136.6 204.8
98 63.9 52.3 78.5





#13

Acrolein

Concen: 29.073 ug/l

RT: 3.665 min Scan# 316

Delta R.T. 0.019 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

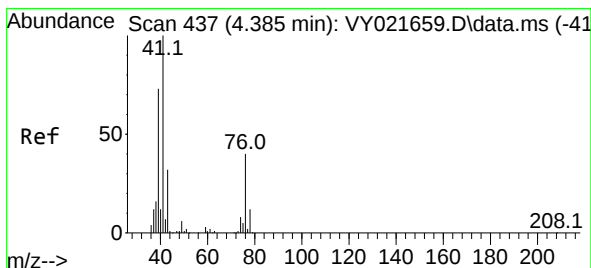
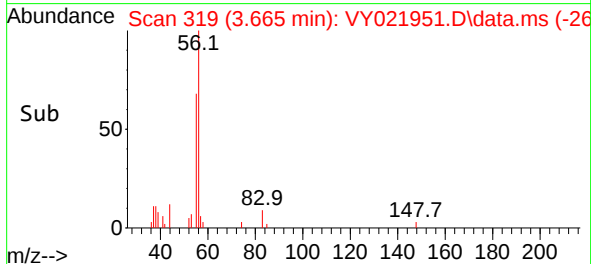
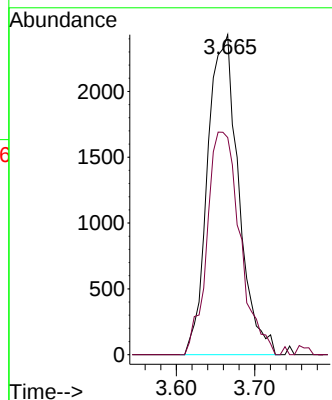
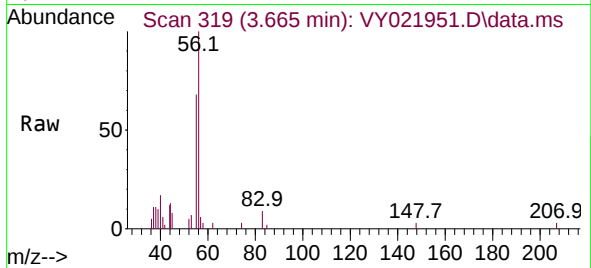
VSTDCCC050EC

Tgt Ion: 56 Resp: 6659

Ion Ratio Lower Upper

56 100

55 74.2 56.6 85.0



#14

Allyl chloride

Concen: 46.362 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

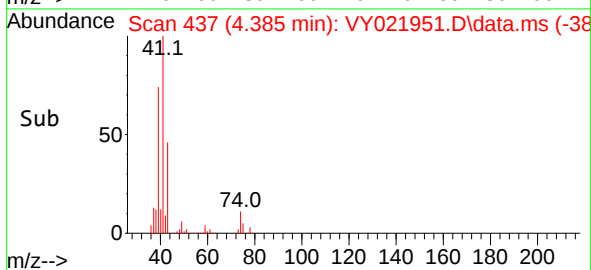
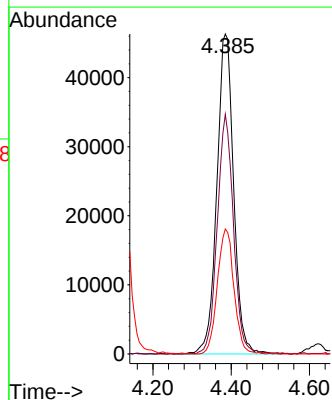
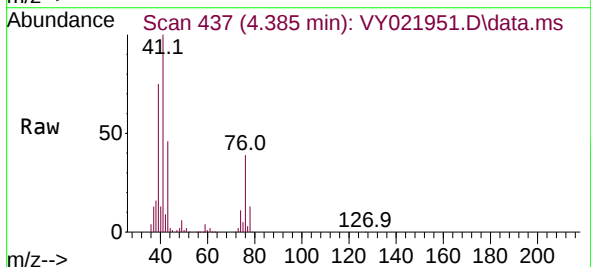
Tgt Ion: 41 Resp: 138203

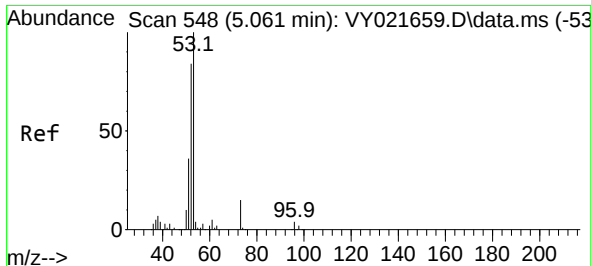
Ion Ratio Lower Upper

41 100

39 72.4 58.6 88.0

76 38.5 30.3 45.5

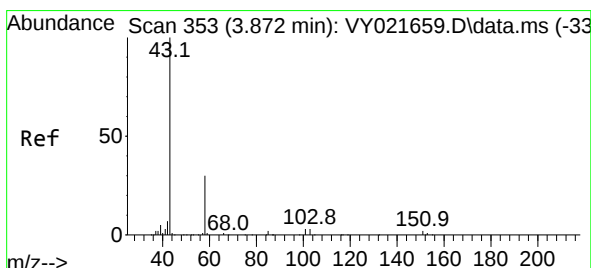
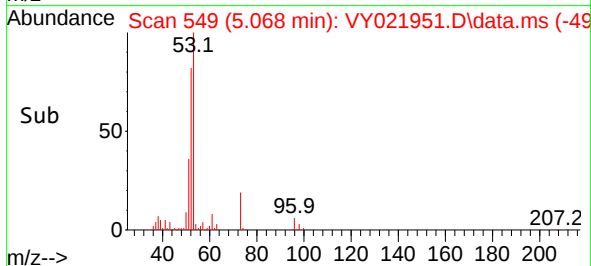
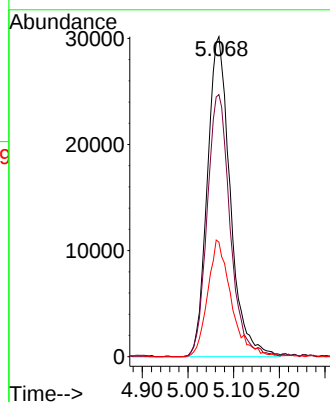
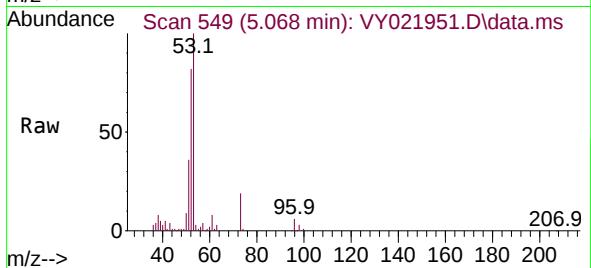




#15
Acrylonitrile
Concen: 244.997 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

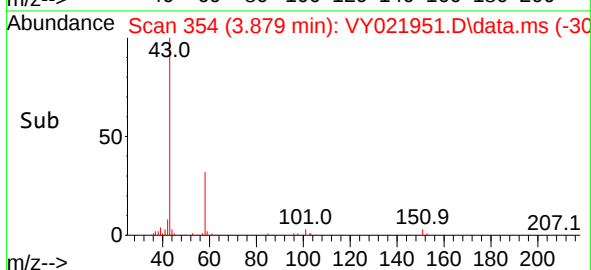
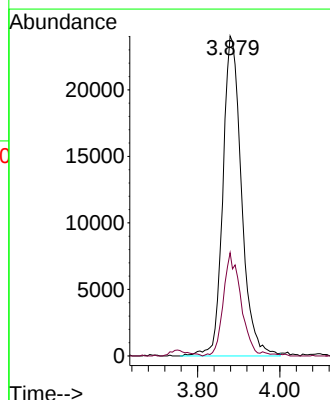
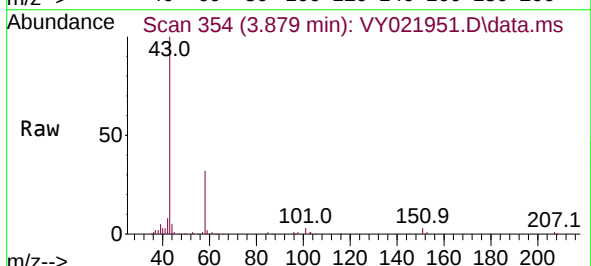
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

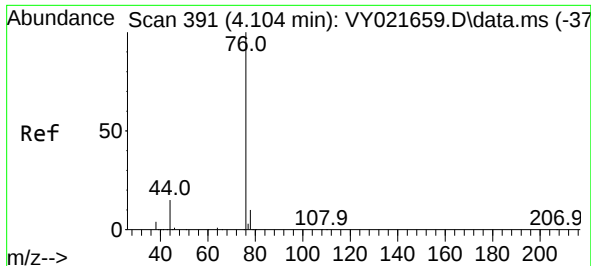
Tgt Ion: 53 Resp: 104695
Ion Ratio Lower Upper
53 100
52 82.3 64.9 97.3
51 37.7 30.2 45.2



#16
Acetone
Concen: 191.965 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 43 Resp: 75874
Ion Ratio Lower Upper
43 100
58 31.8 24.2 36.4

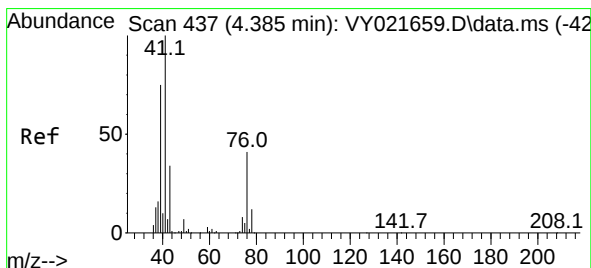
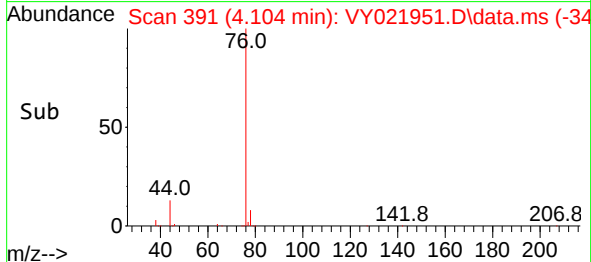
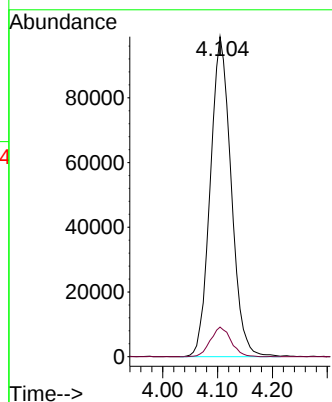
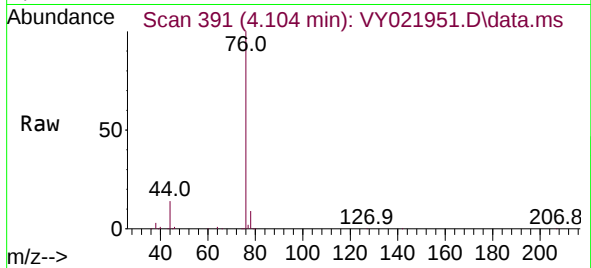




#17
Carbon Disulfide
Concen: 42.387 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

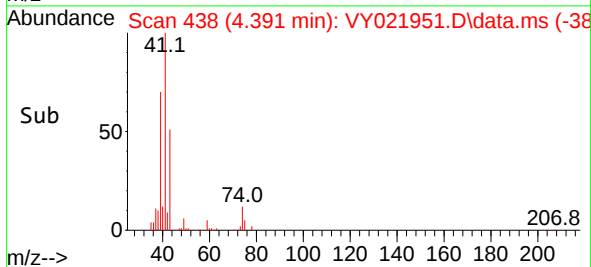
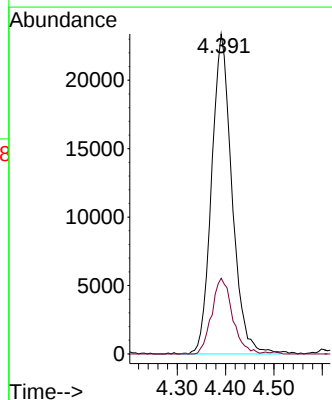
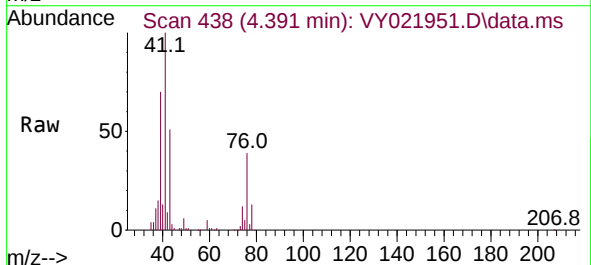
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

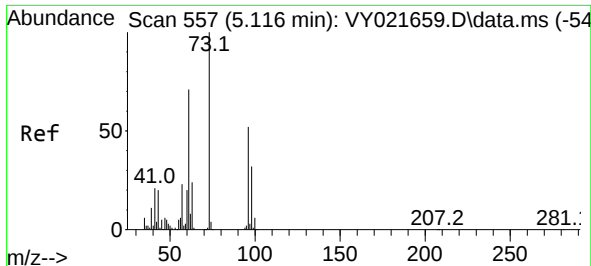
Tgt Ion: 76 Resp: 261023
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 69.755 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 43 Resp: 68331
Ion Ratio Lower Upper
43 100
74 24.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 48.231 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

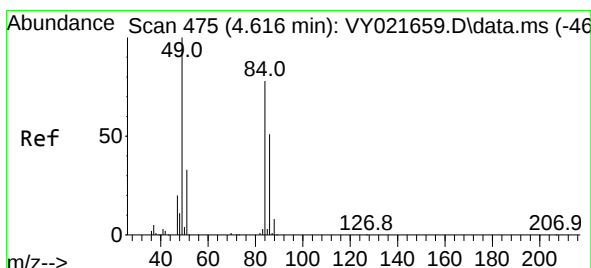
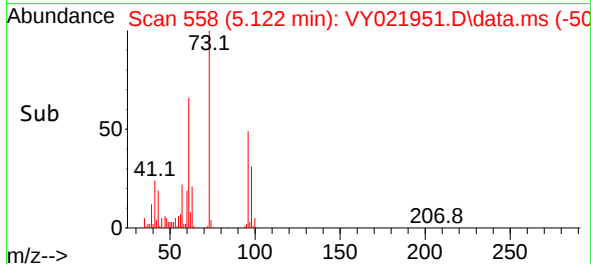
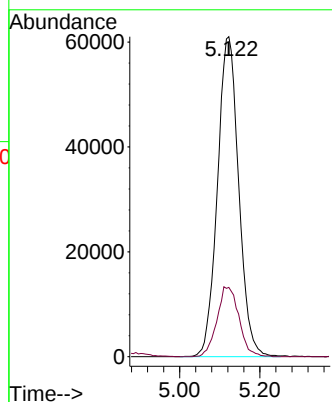
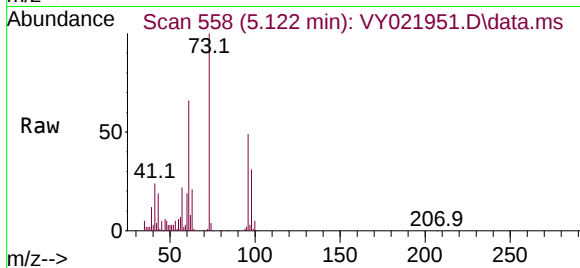
VSTDCCC050EC

Tgt Ion: 73 Resp: 224505

Ion Ratio Lower Upper

73 100

57 21.6 18.1 27.1



#20

Methylene Chloride

Concen: 51.412 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Tgt Ion: 84 Resp: 99224

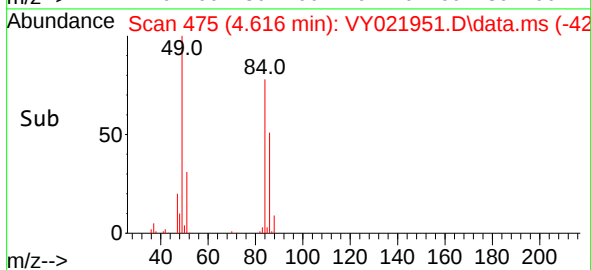
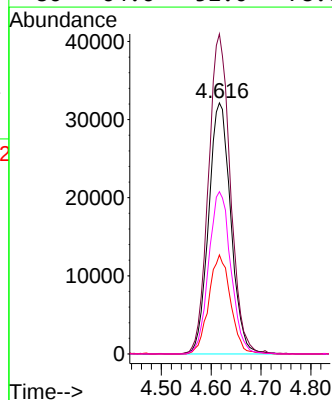
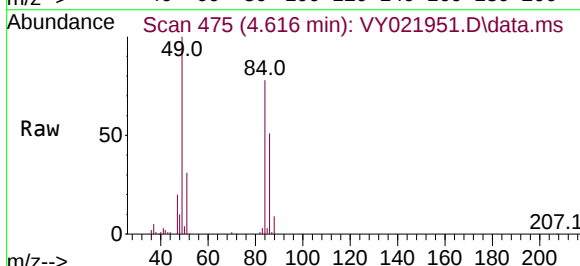
Ion Ratio Lower Upper

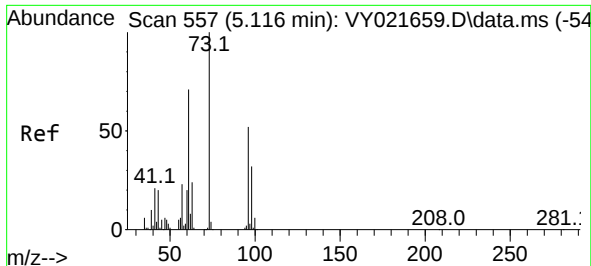
84 100

49 127.4 102.8 154.2

51 39.4 33.5 50.3

86 64.6 52.0 78.0

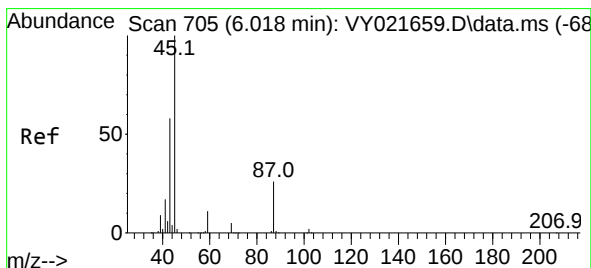
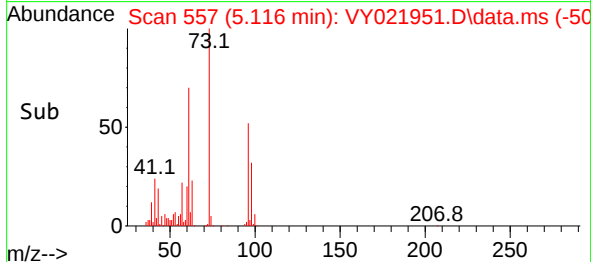
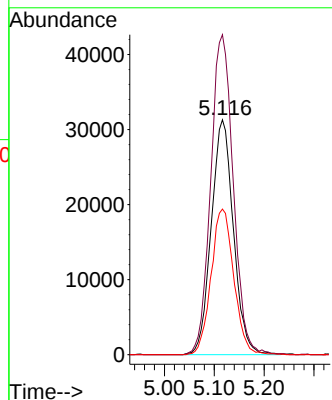
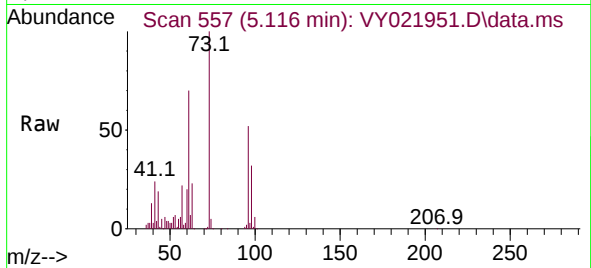




#21
trans-1,2-Dichloroethene
Concen: 46.959 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

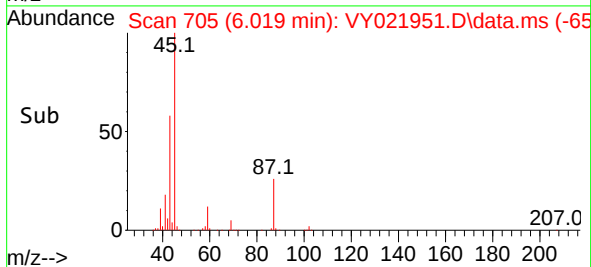
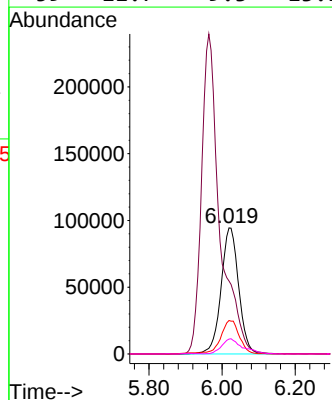
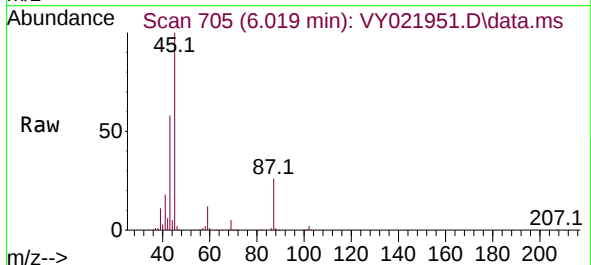
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

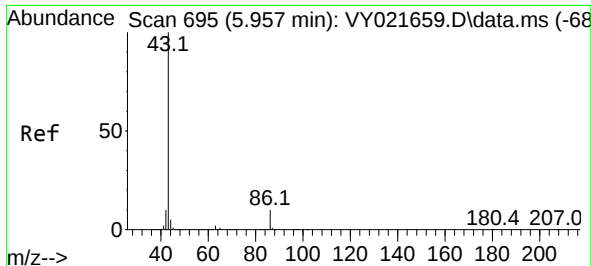
Tgt Ion: 96 Resp: 96667
Ion Ratio Lower Upper
96 100
61 136.2 109.4 164.0
98 62.0 50.2 75.2



#22
Diisopropyl ether
Concen: 50.631 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 45 Resp: 316608
Ion Ratio Lower Upper
45 100
43 57.9 46.6 69.8
87 26.4 20.7 31.1
59 11.7 9.3 13.9

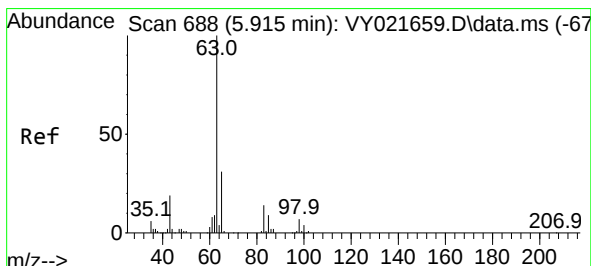
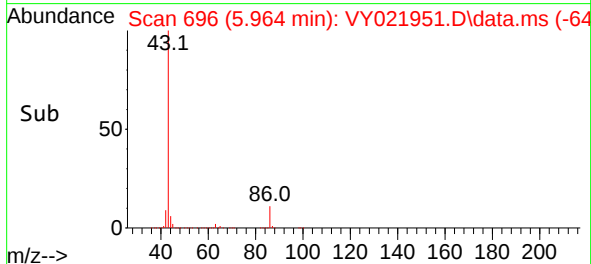
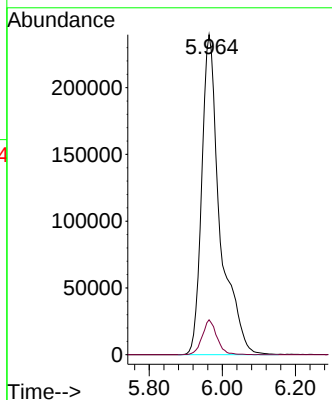
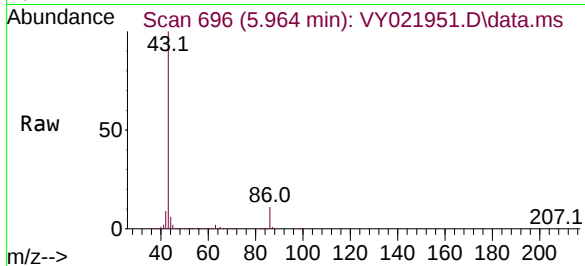




#23
 Vinyl Acetate
 Concen: 227.559 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

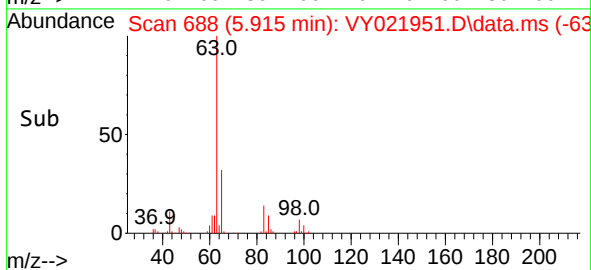
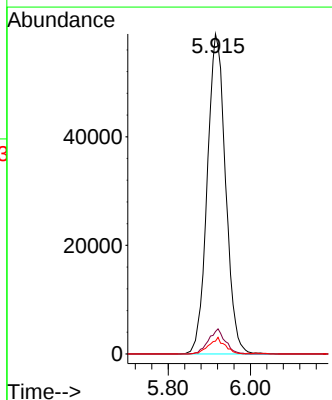
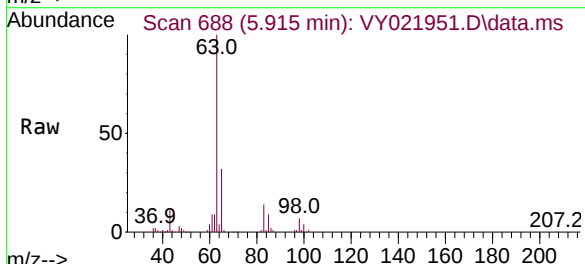
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

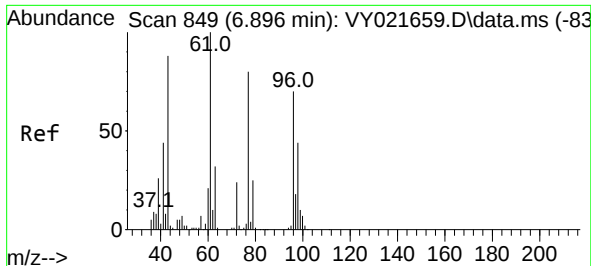
Tgt Ion: 43 Resp: 832454
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 48.731 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

Tgt Ion: 63 Resp: 182214
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 226.684 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

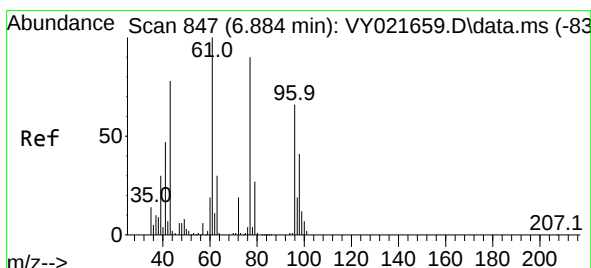
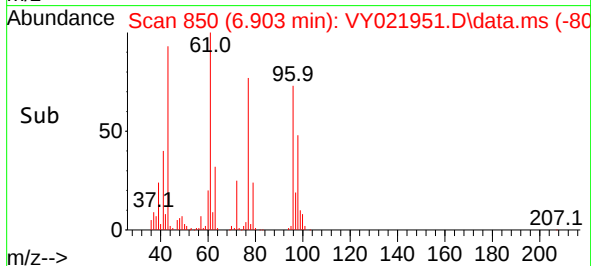
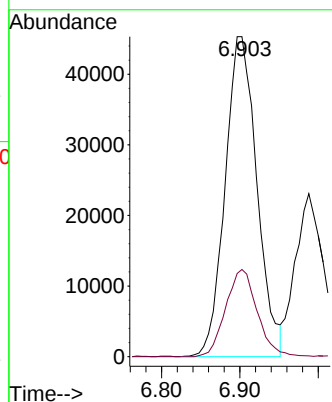
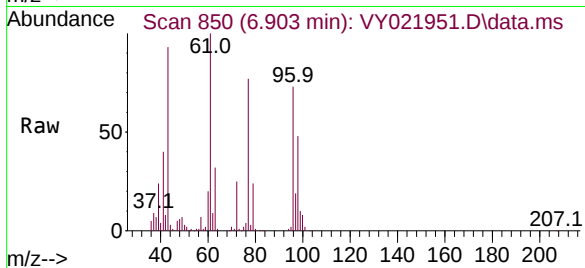
VSTDCCC050EC

Tgt Ion: 43 Resp: 127972

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 46.590 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021951.D

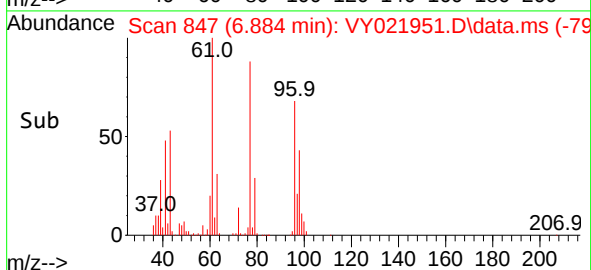
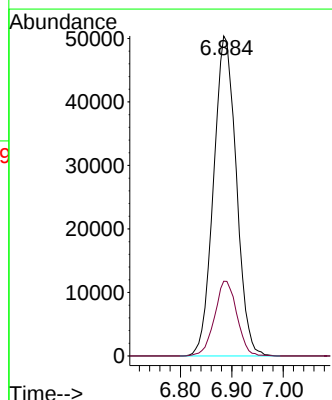
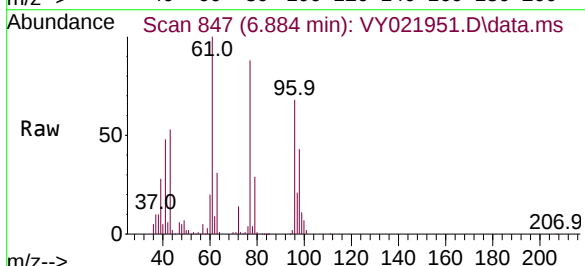
Acq: 21 Apr 2025 16:17

Tgt Ion: 77 Resp: 154961

Ion Ratio Lower Upper

77 100

97 22.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 49.199 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

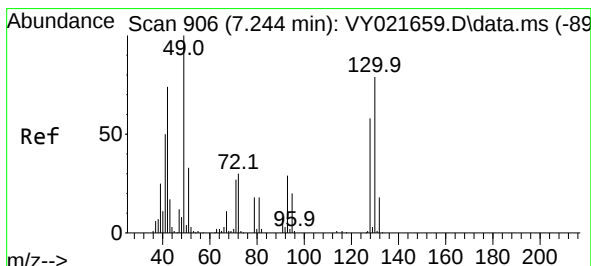
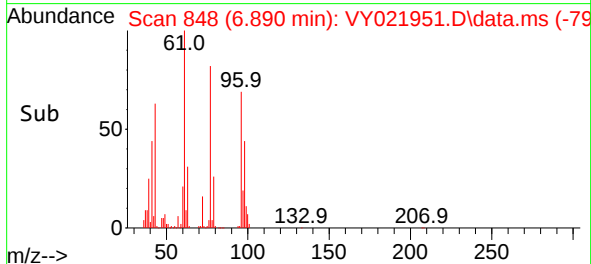
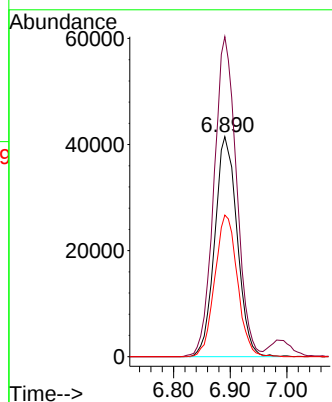
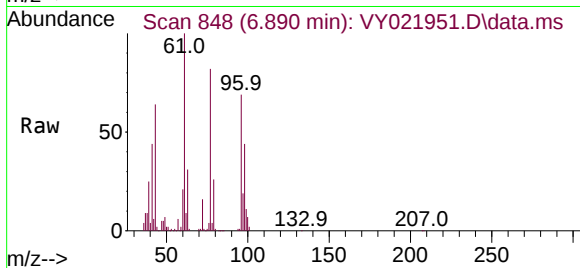
Tgt Ion: 96 Resp: 113893

Ion Ratio Lower Upper

96 100

61 146.5 0.0 296.4

98 65.1 0.0 128.0



#28

Bromochloromethane

Concen: 50.938 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

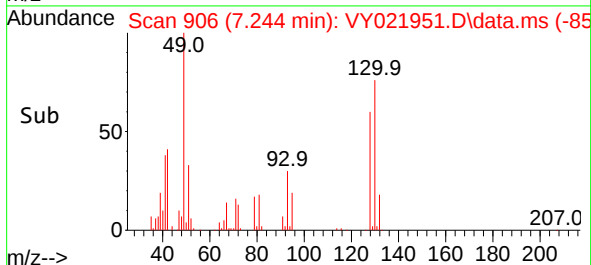
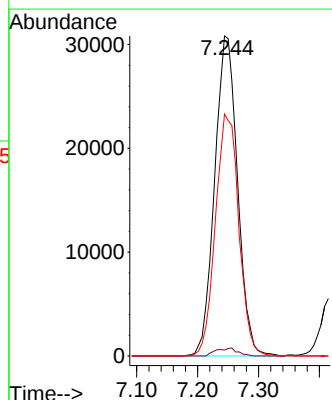
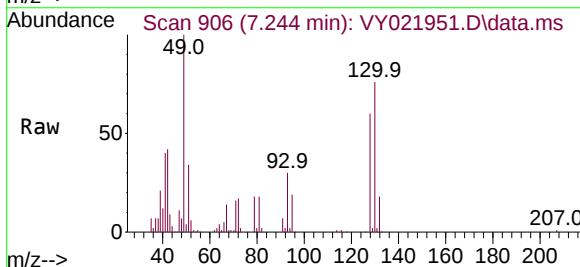
Tgt Ion: 49 Resp: 80327

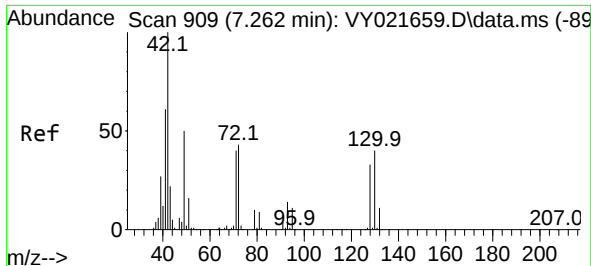
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 77.1 60.1 90.1





#29

Tetrahydrofuran

Concen: 240.601 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

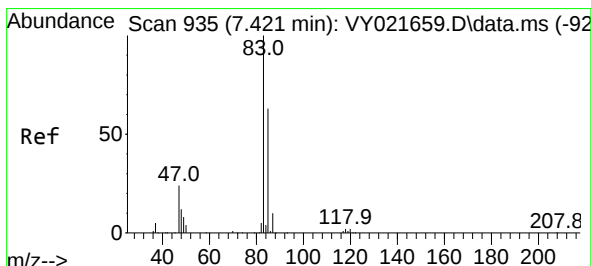
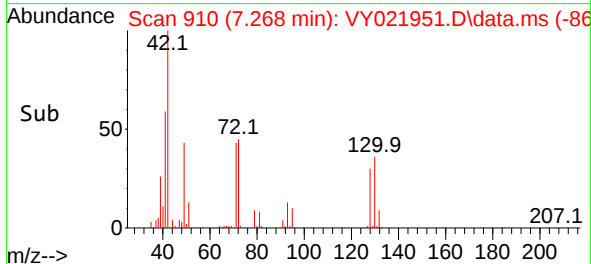
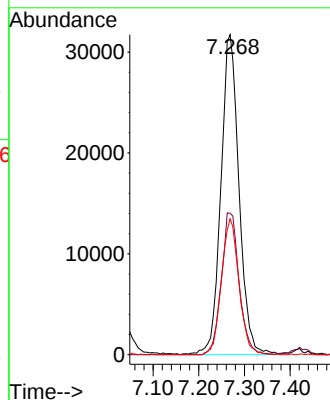
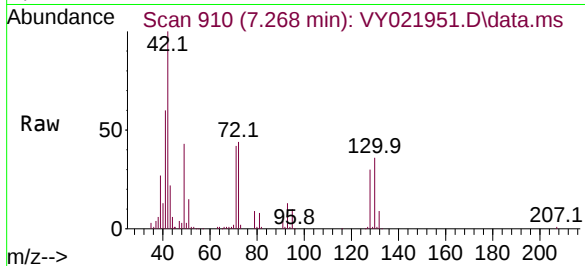
Tgt Ion: 42 Resp: 87418

Ion Ratio Lower Upper

42 100

72 43.5 34.6 52.0

71 41.1 32.5 48.7



#30

Chloroform

Concen: 50.002 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021951.D

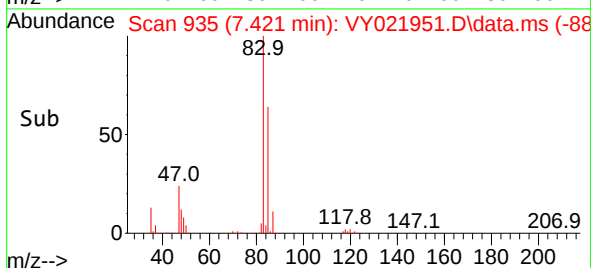
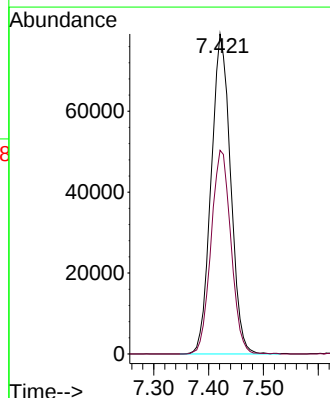
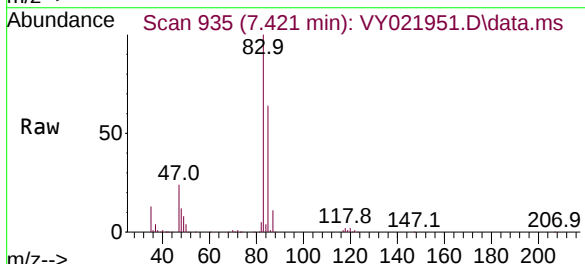
Acq: 21 Apr 2025 16:17

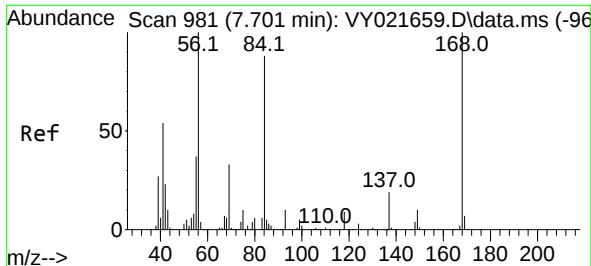
Tgt Ion: 83 Resp: 194464

Ion Ratio Lower Upper

83 100

85 63.6 50.6 75.8

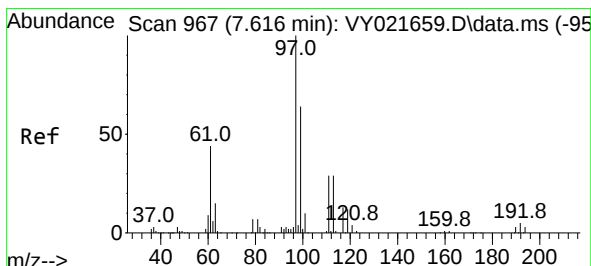
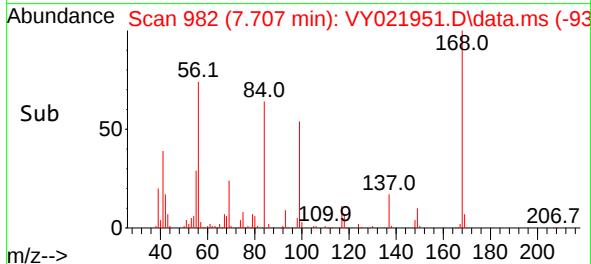
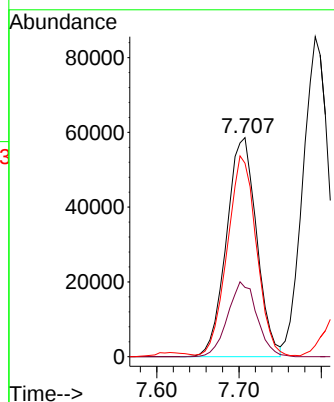
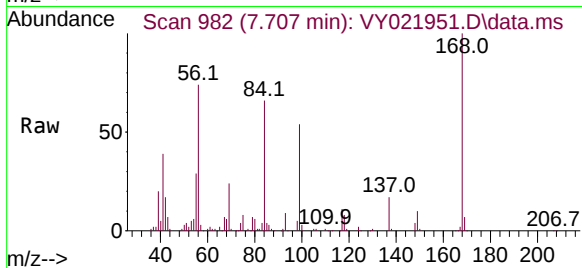




#31
Cyclohexane
Concen: 43.838 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

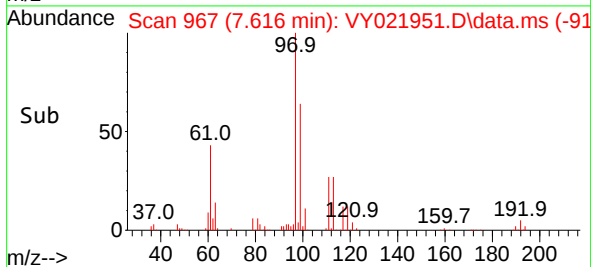
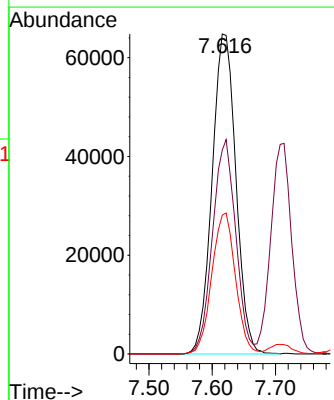
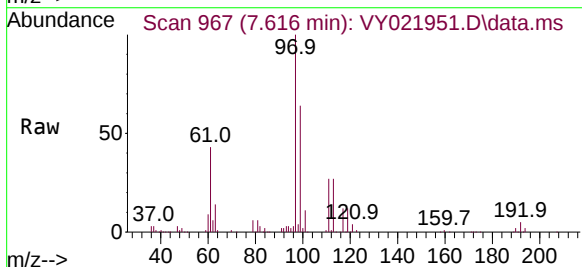
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

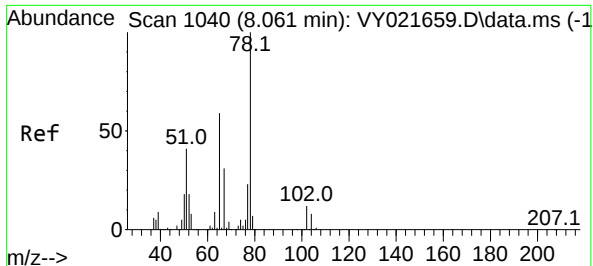
Tgt Ion: 56 Resp: 149422
Ion Ratio Lower Upper
56 100
69 31.7 26.6 40.0
84 86.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 48.153 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 97 Resp: 169260
Ion Ratio Lower Upper
97 100
99 65.4 50.7 76.1
61 43.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.149 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

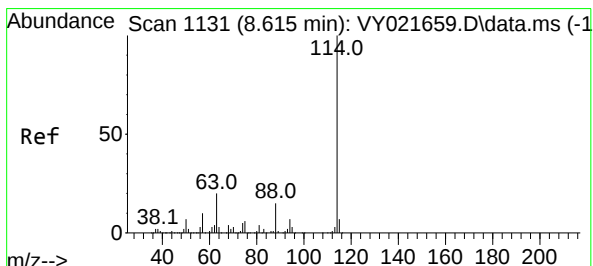
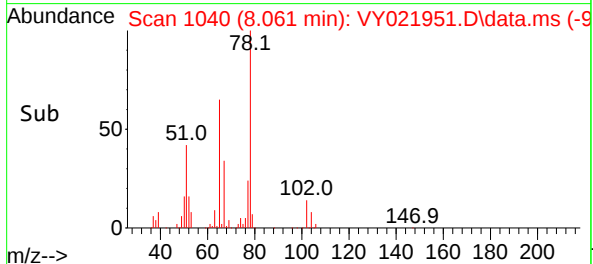
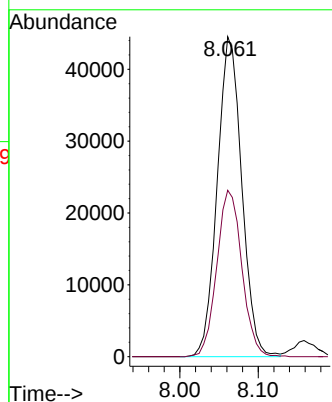
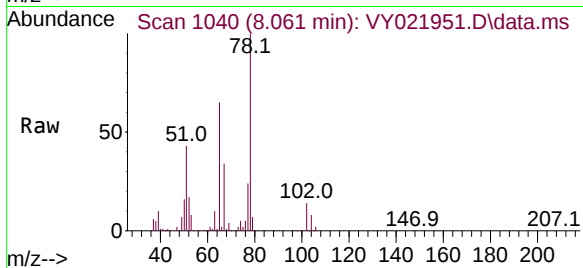
VSTDCCC050EC

Tgt Ion: 65 Resp: 96850

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

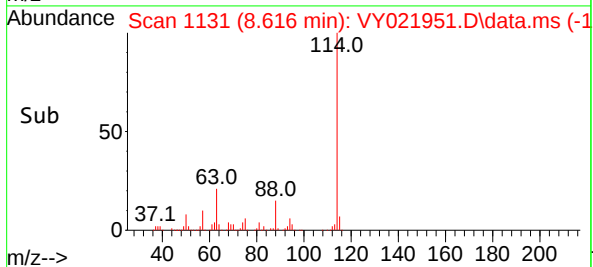
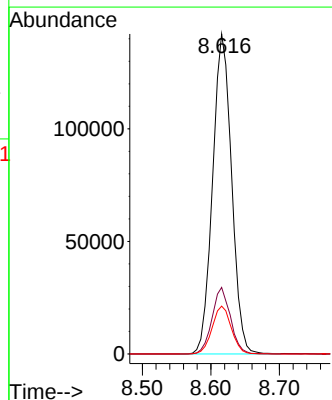
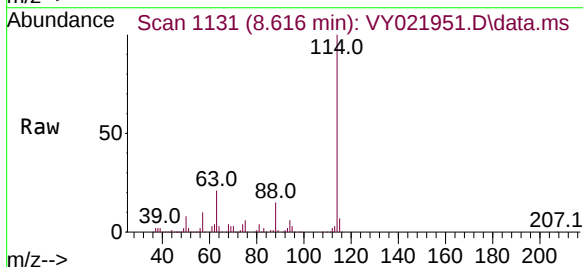
Tgt Ion: 114 Resp: 272994

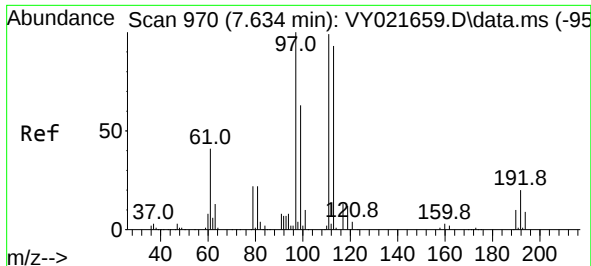
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.0 0.0 29.8

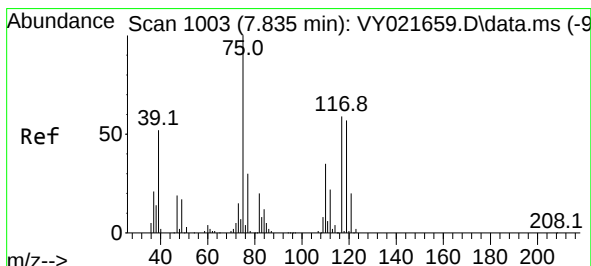
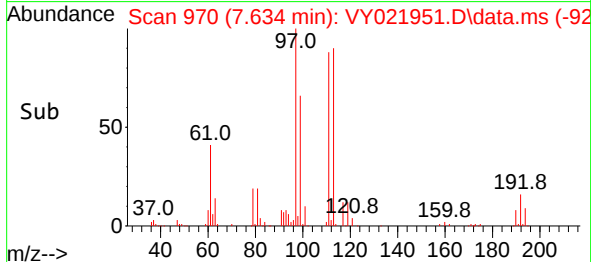
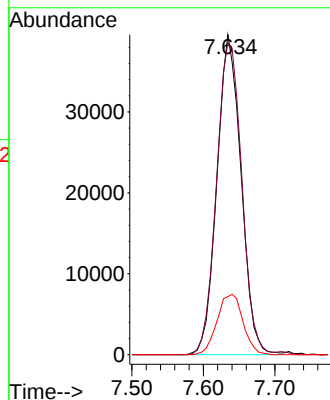
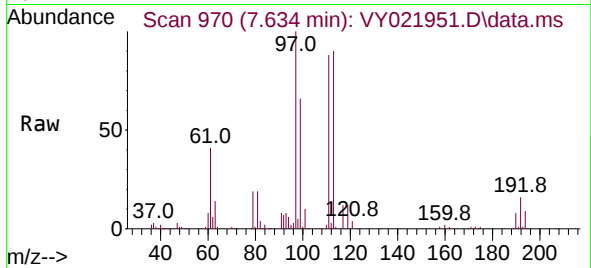




#35
Dibromofluoromethane
Concen: 52.320 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

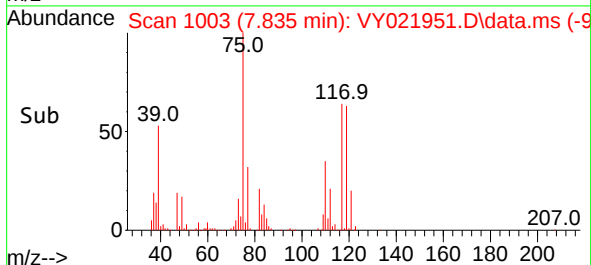
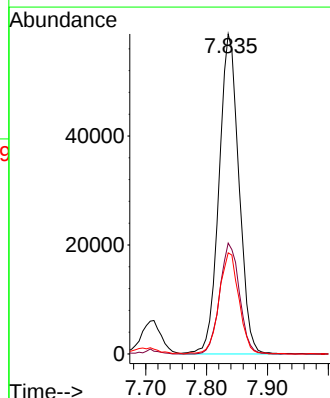
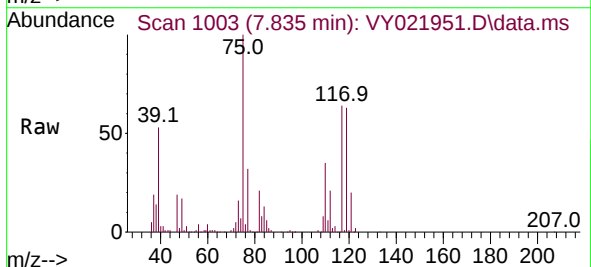
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

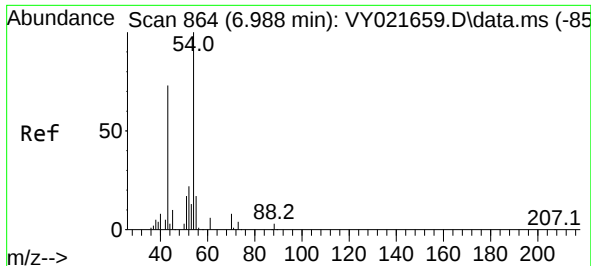
Tgt Ion:113 Resp: 92651
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 20.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 49.439 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 75 Resp: 133353
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 31.6 24.8 37.2

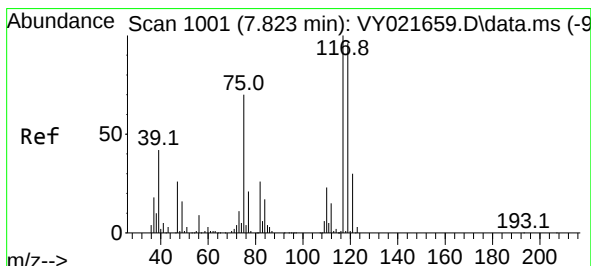
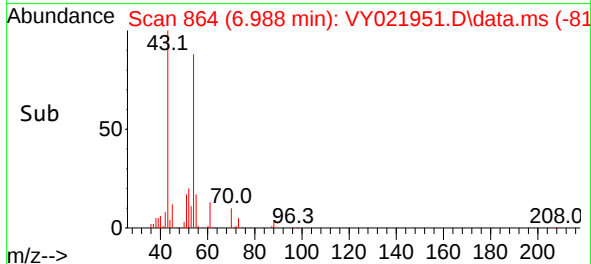
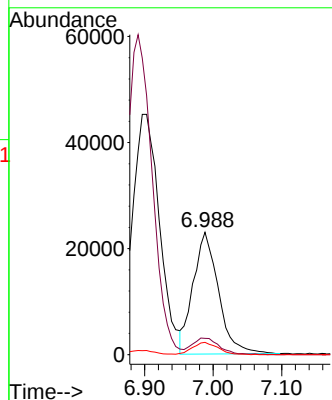
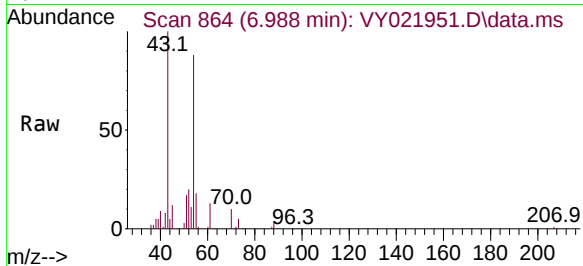




#37
Ethyl Acetate
Concen: 46.472 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

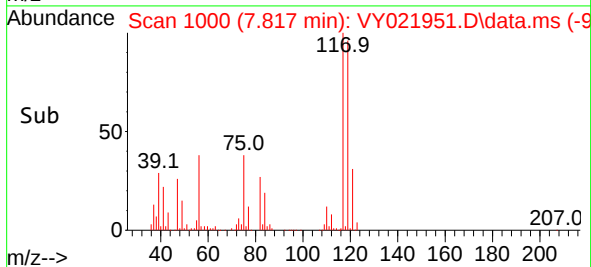
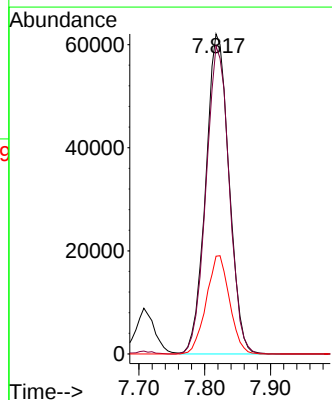
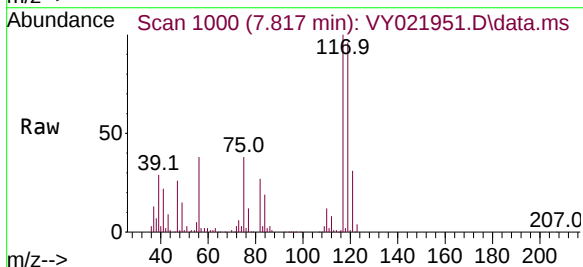
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

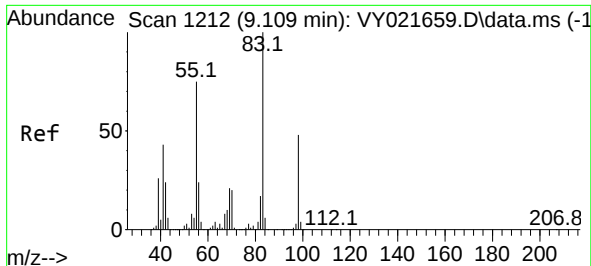
Tgt Ion: 43 Resp: 59158
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.6
70 10.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.528 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 117 Resp: 153008
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4
121 30.5 24.2 36.4

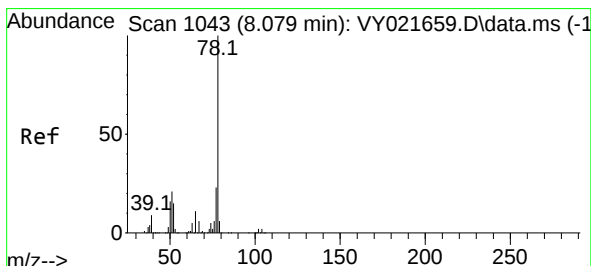
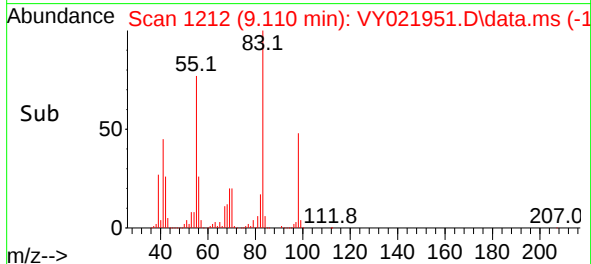
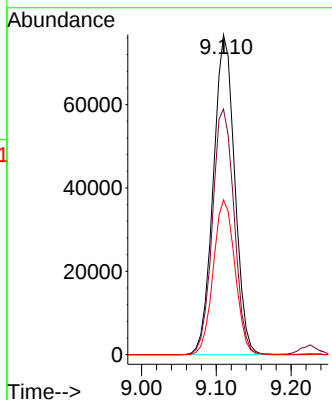
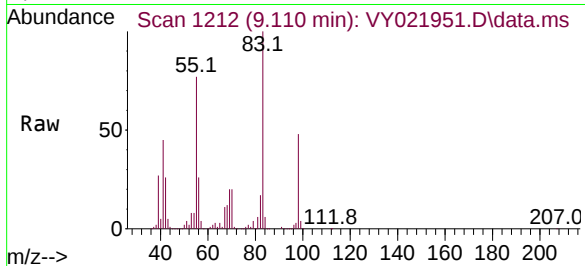




#39
Methylcyclohexane
Concen: 47.466 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

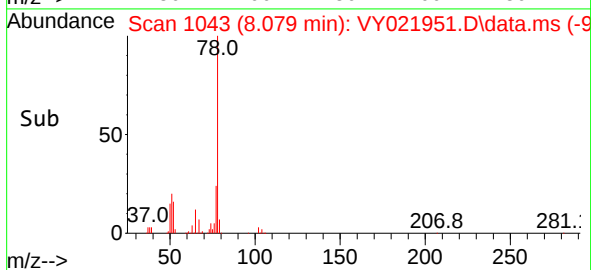
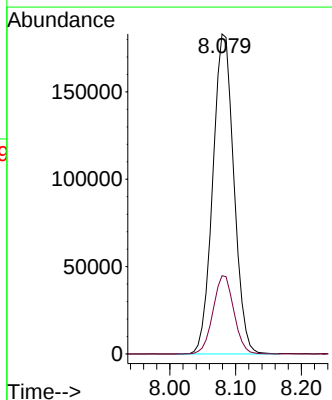
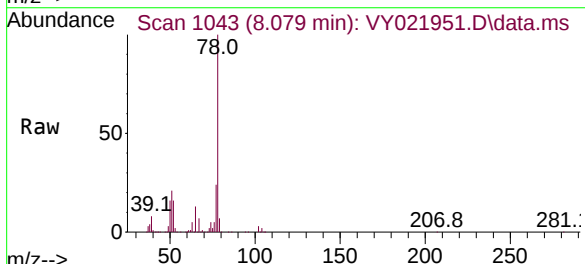
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

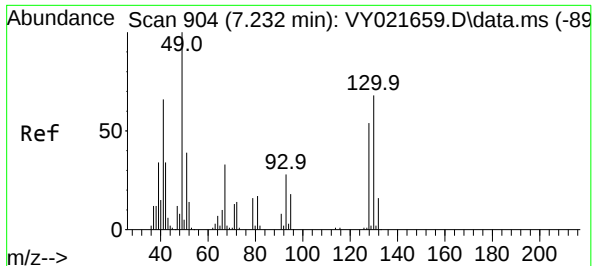
Tgt Ion: 83 Resp: 152947
Ion Ratio Lower Upper
83 100
55 76.7 59.7 89.5
98 48.4 38.3 57.5



#40
Benzene
Concen: 50.621 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 78 Resp: 408902
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2

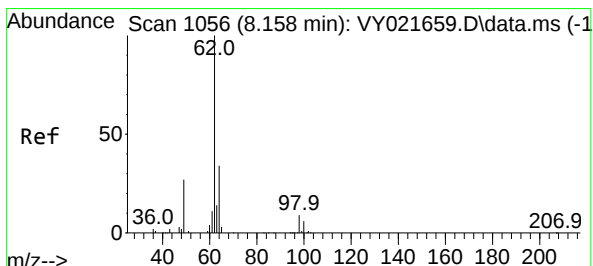
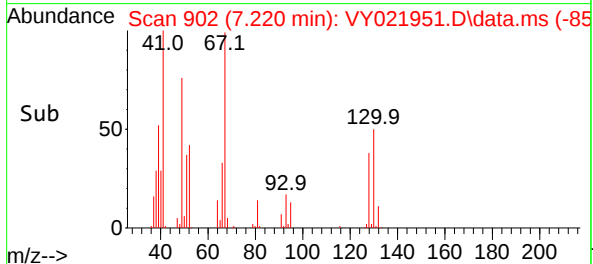
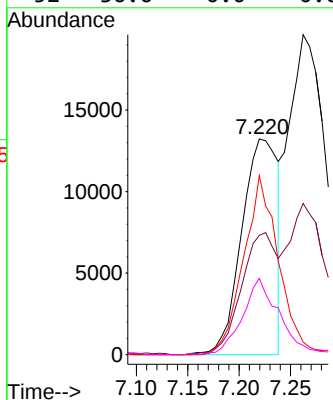
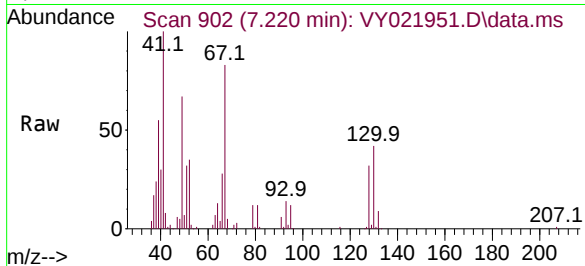




#41
Methacrylonitrile
Concen: 47.715 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

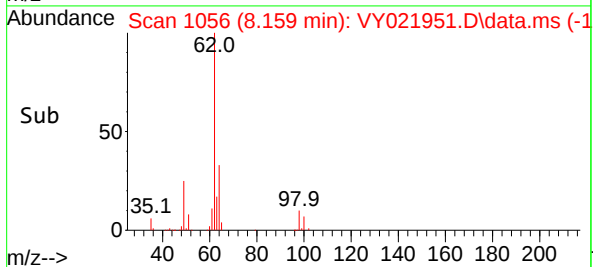
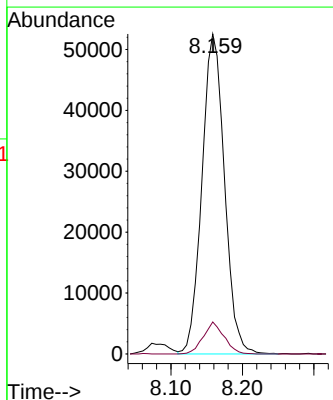
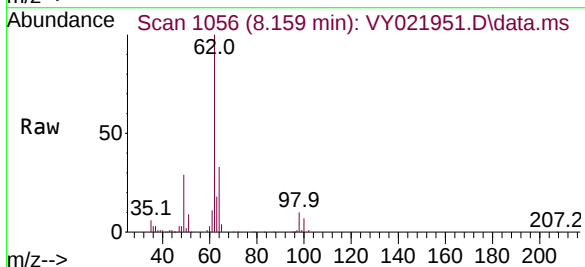
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

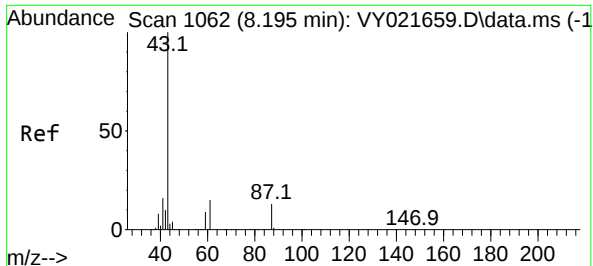
Tgt Ion: 41 Resp: 32257
Ion Ratio Lower Upper
41 100
39 55.5 0.0 0.0#
67 81.0 0.0 0.0#
52 36.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.527 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 62 Resp: 115063
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4

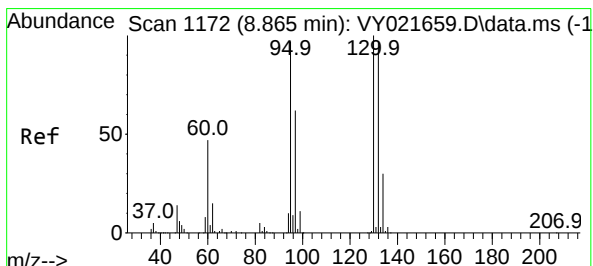
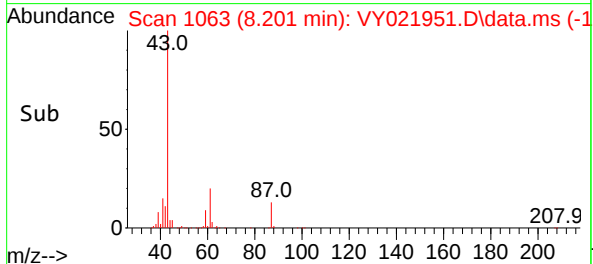
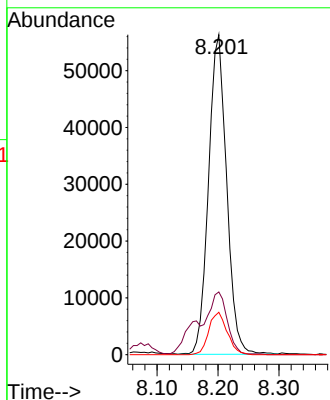
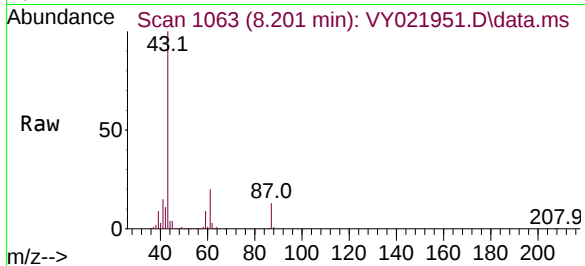




#43
Isopropyl Acetate
Concen: 48.119 ug/l
RT: 8.201 min Scan# 11063
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

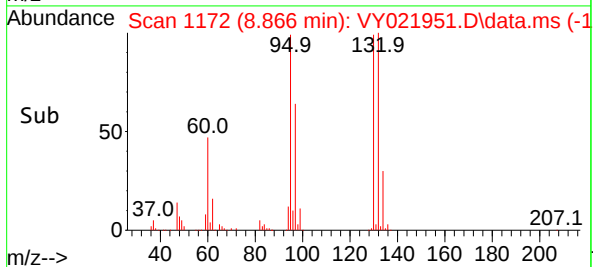
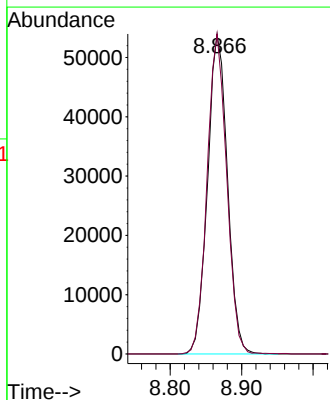
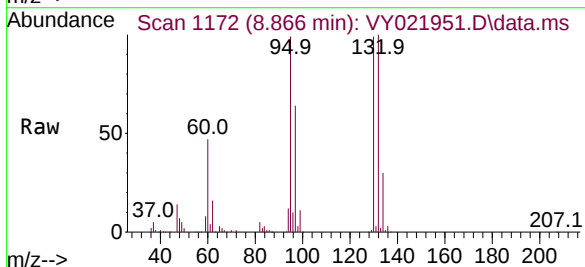
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

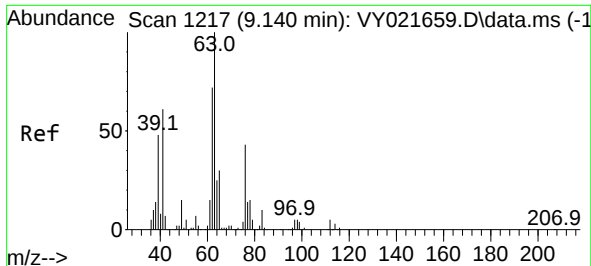
Tgt Ion: 43 Resp: 116080
Ion Ratio Lower Upper
43 100
61 21.2 15.9 23.9
87 13.5 10.4 15.6



#44
Trichloroethene
Concen: 50.539 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 130 Resp: 104017
Ion Ratio Lower Upper
130 100
95 100.1 0.0 194.8

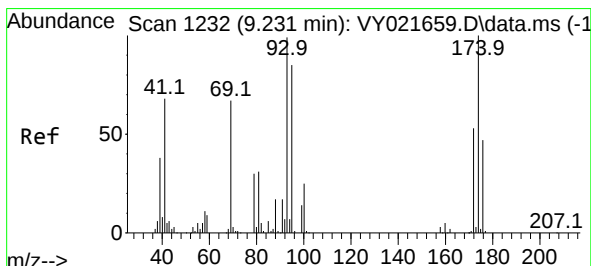
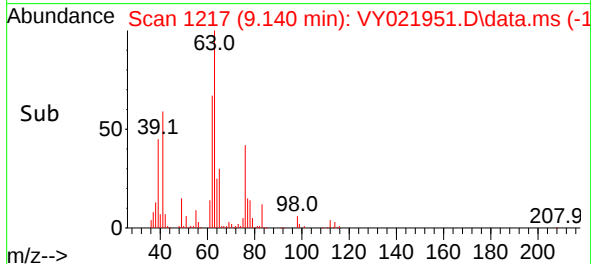
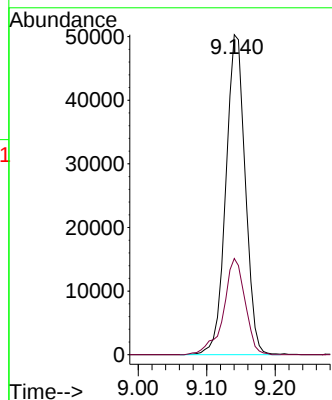
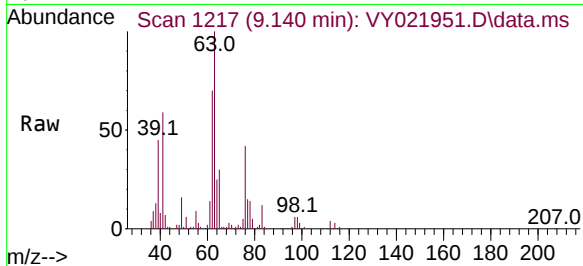




#45
1,2-Dichloropropane
Concen: 51.580 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

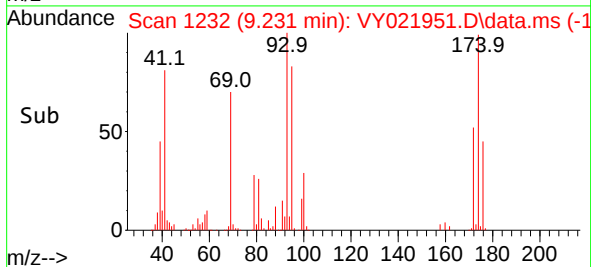
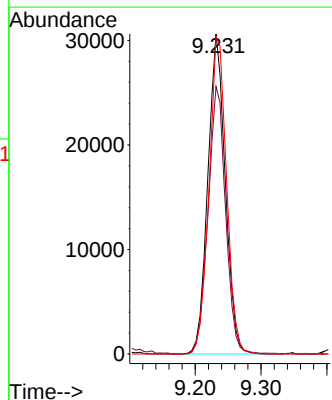
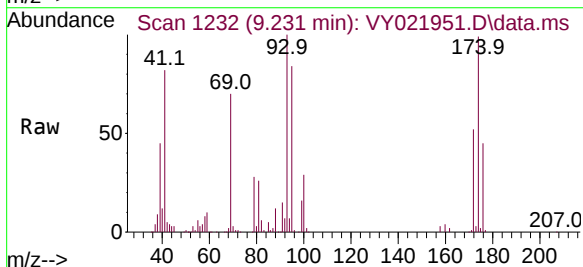
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

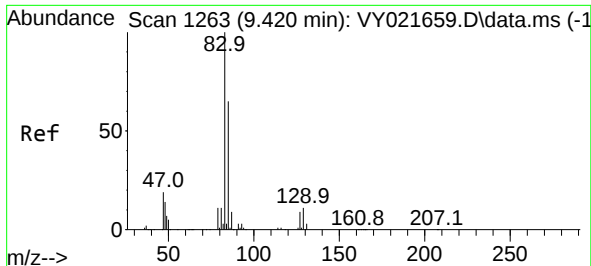
Tgt Ion: 63 Resp: 98623
Ion Ratio Lower Upper
63 100
65 30.0 24.4 36.6



#46
Dibromomethane
Concen: 51.330 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 93 Resp: 56564
Ion Ratio Lower Upper
93 100
95 83.8 68.1 102.1
174 99.8 80.9 121.3



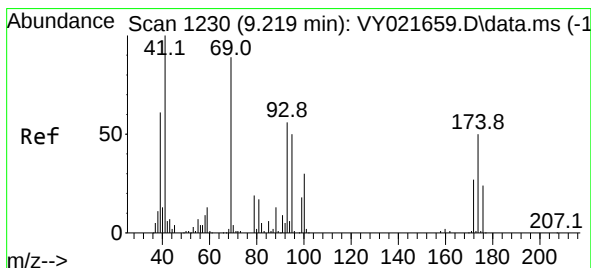
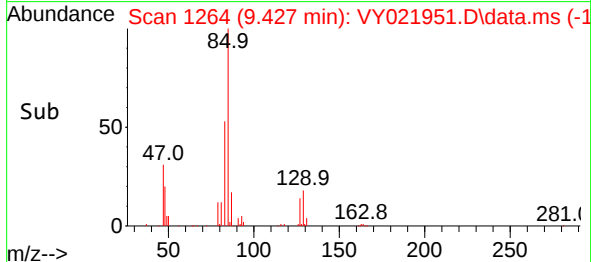
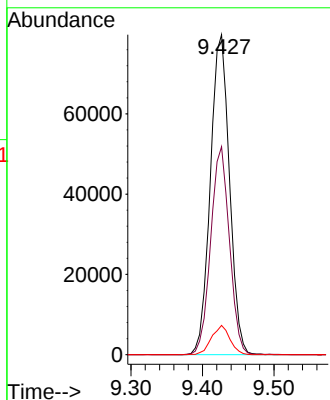
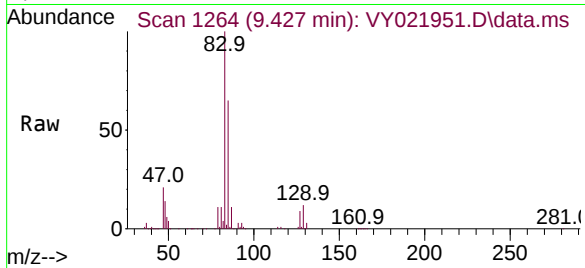


#47
 Bromodichloromethane
 Concen: 51.775 ug/l
 RT: 9.427 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 147837

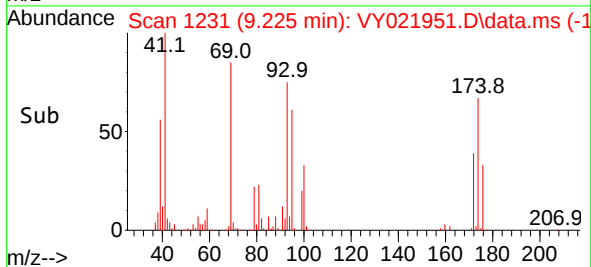
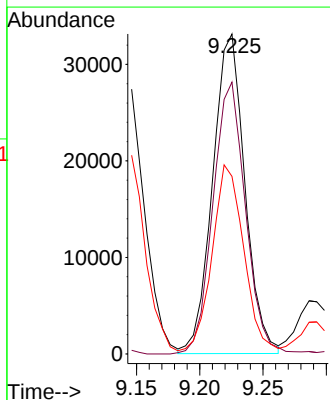
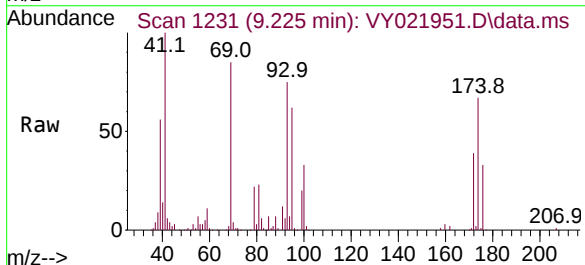
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6
127	9.2	6.8	10.2



#48
 Methyl methacrylate
 Concen: 52.980 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.006 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

Tgt Ion: 41 Resp: 58658

Ion	Ratio	Lower	Upper
41	100		
69	86.3	69.8	104.8
39	56.6	47.2	70.8





#49

1,4-Dioxane

Concen: 976.463 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

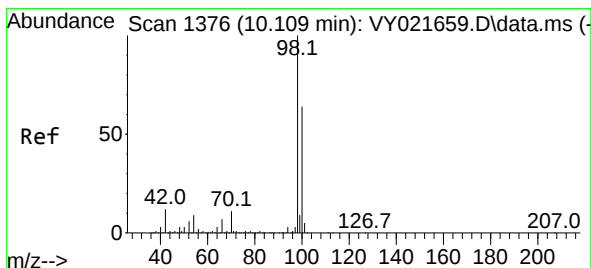
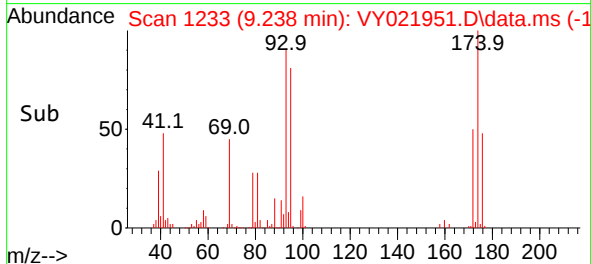
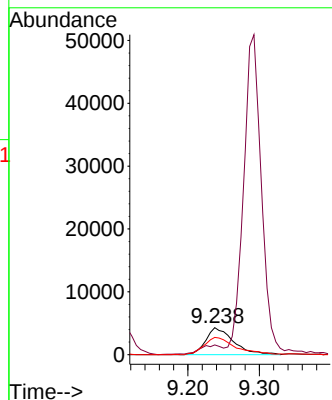
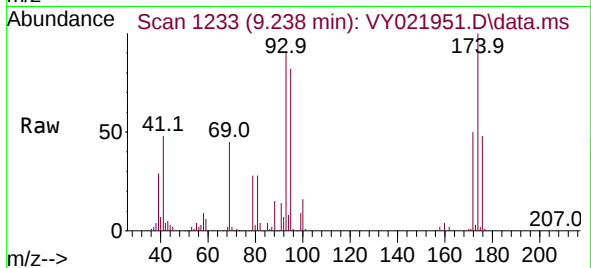
Tgt Ion: 88 Resp: 11527

Ion Ratio Lower Upper

88 100

43 30.5 28.8 43.2

58 72.6 59.4 89.2



#50

Toluene-d8

Concen: 52.472 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021951.D

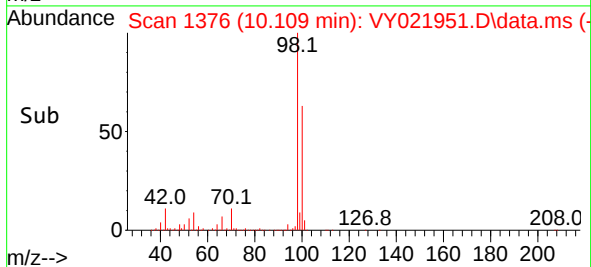
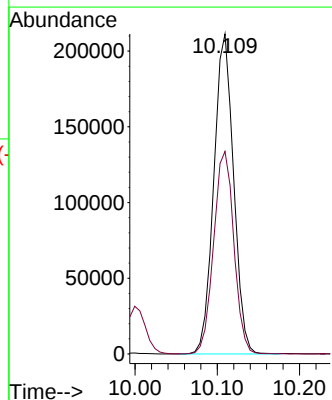
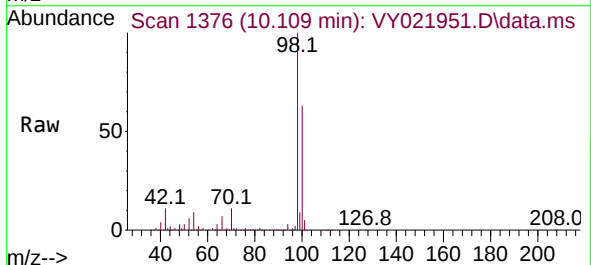
Acq: 21 Apr 2025 16:17

Tgt Ion: 98 Resp: 353497

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 262.277 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

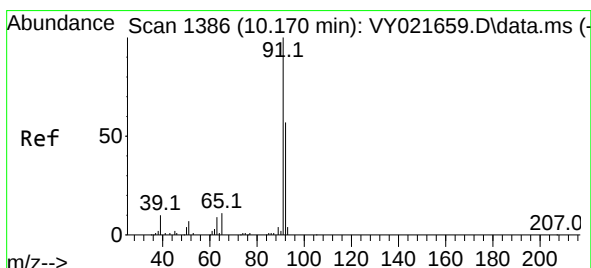
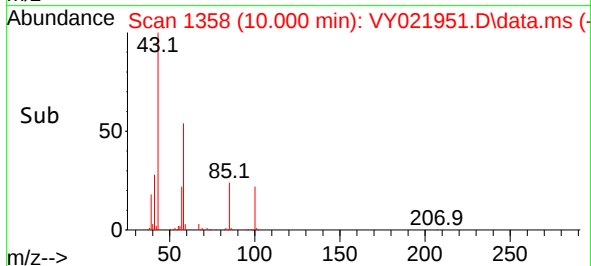
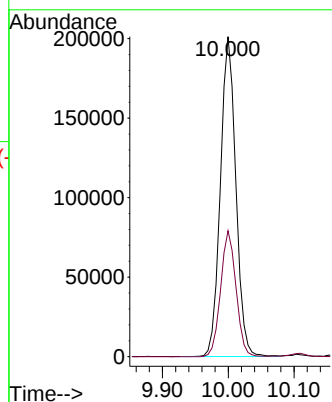
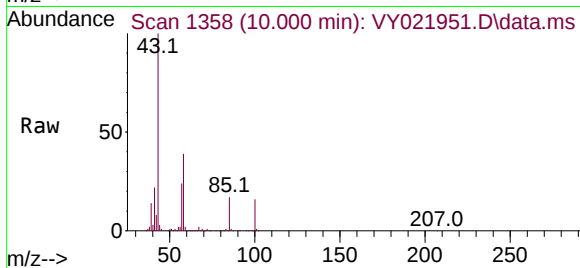
VSTDCCC050EC

Tgt Ion: 43 Resp: 329262

Ion Ratio Lower Upper

43 100

58 39.1 31.5 47.3



#52

Toluene

Concen: 52.882 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021951.D

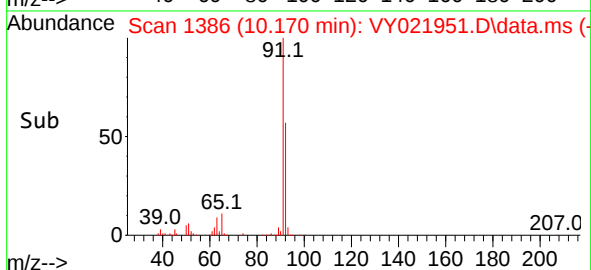
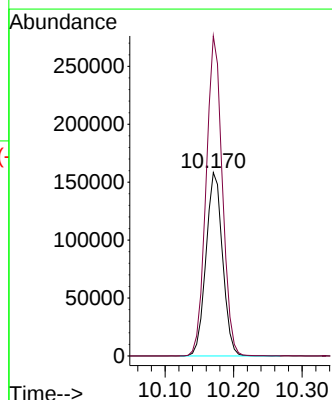
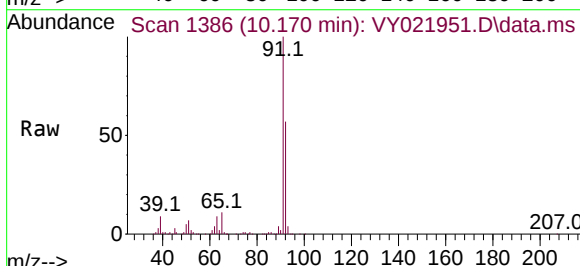
Acq: 21 Apr 2025 16:17

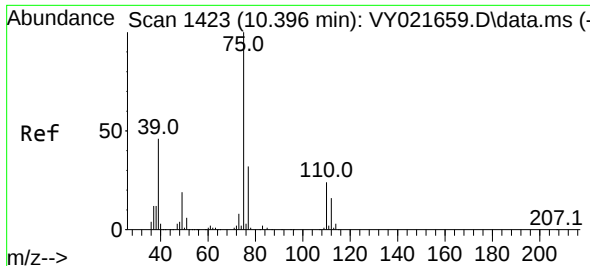
Tgt Ion: 92 Resp: 266517

Ion Ratio Lower Upper

92 100

91 170.8 138.6 207.8

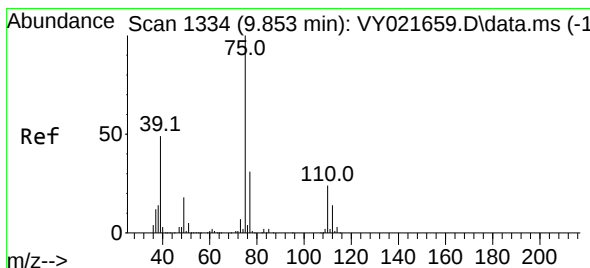
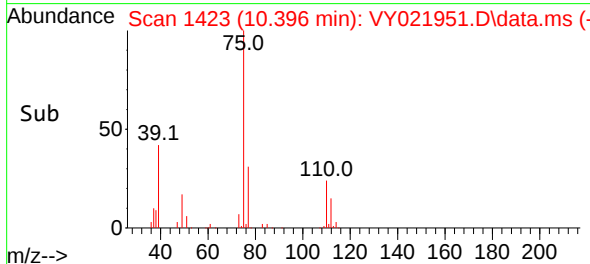
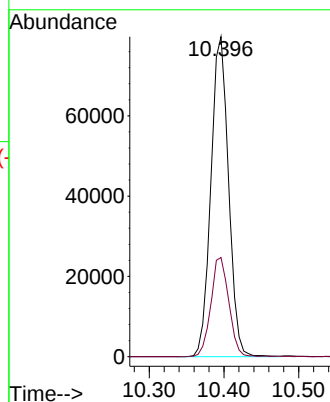
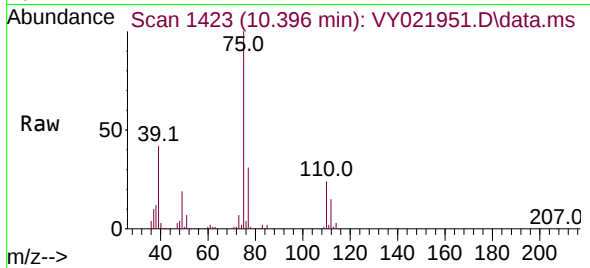




#53
t-1,3-Dichloropropene
Concen: 51.563 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

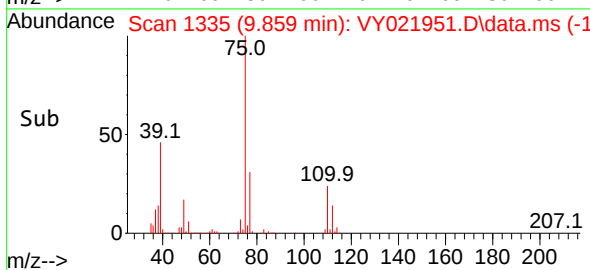
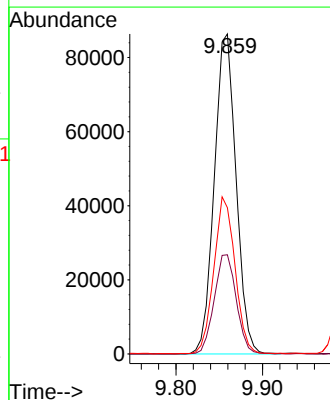
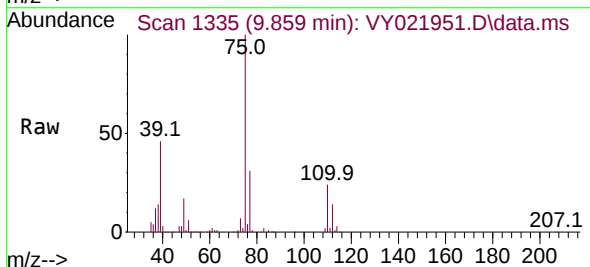
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

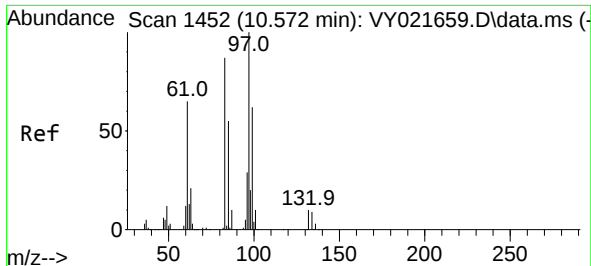
Tgt Ion: 75 Resp: 130775
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.459 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 75 Resp: 150975
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3
39 45.6 39.2 58.8

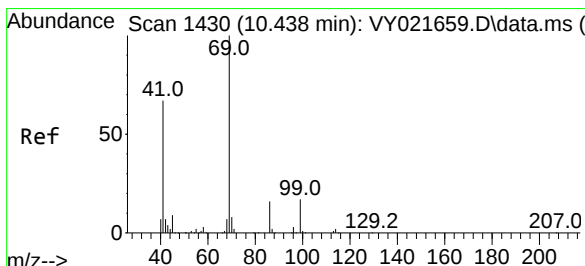
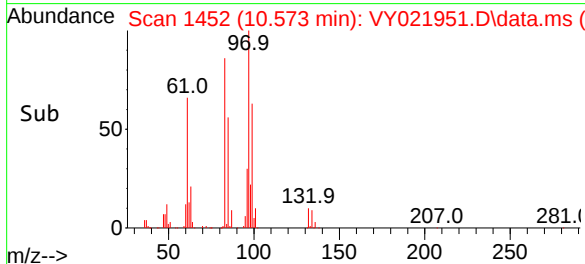
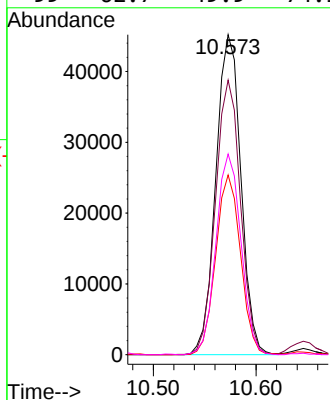
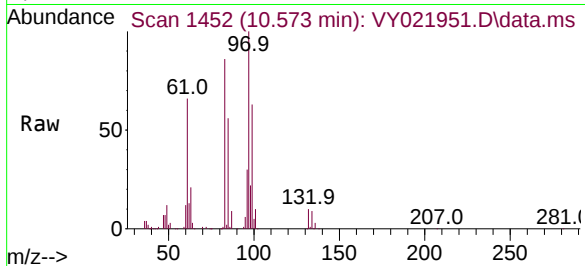




#55
1,1,2-Trichloroethane
Concen: 53.930 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

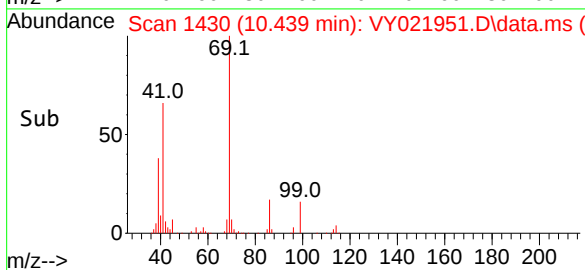
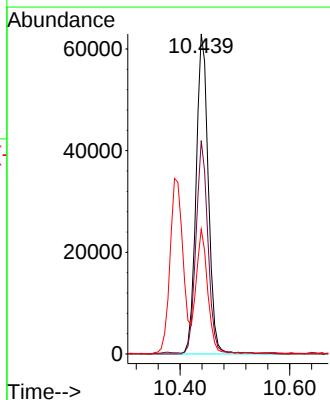
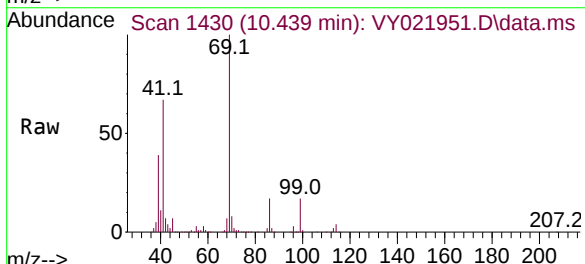
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

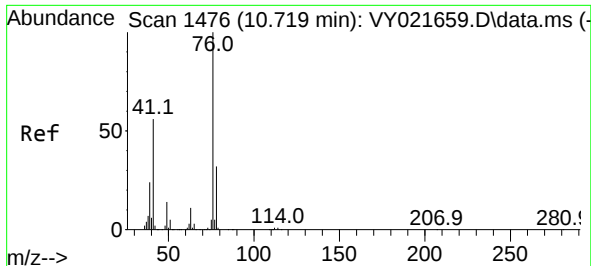
Tgt Ion:	97	Resp:	76478
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.5	104.3
85	56.1	43.9	65.9
99	62.7	49.9	74.9



#56
Ethyl methacrylate
Concen: 53.954 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion:	69	Resp:	97697
Ion	Ratio	Lower	Upper
69	100		
41	64.3	53.8	80.6
39	35.9	29.6	44.4





#57

1,3-Dichloropropane

Concen: 53.017 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

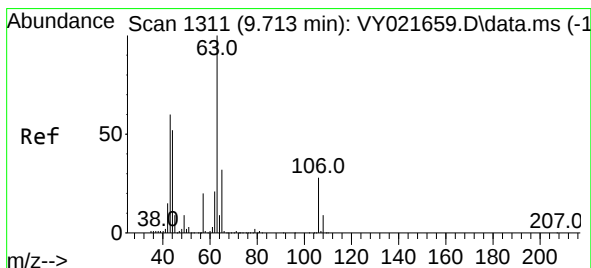
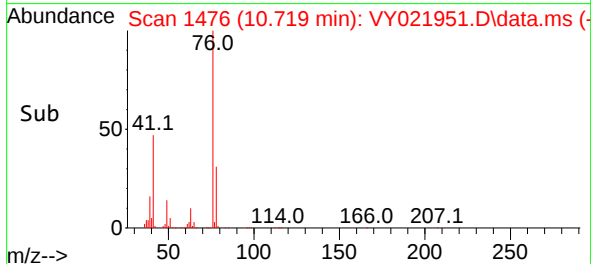
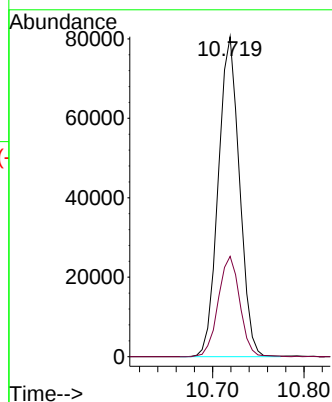
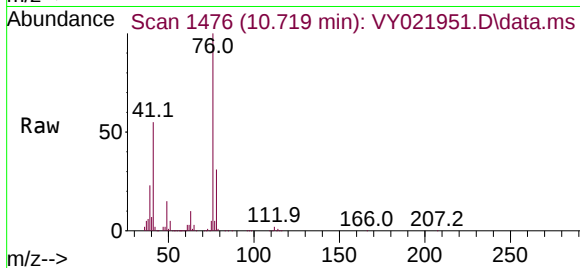
VSTDCCC050EC

Tgt Ion: 76 Resp: 129846

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 284.112 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021951.D

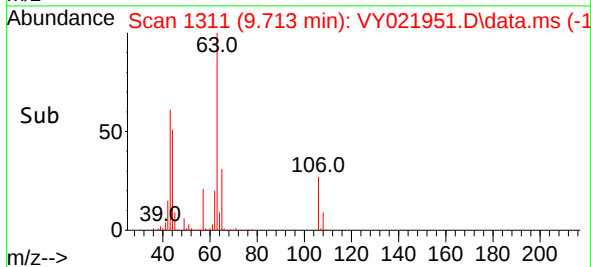
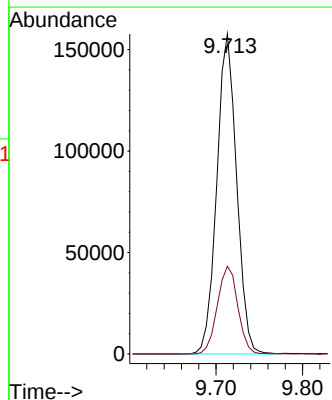
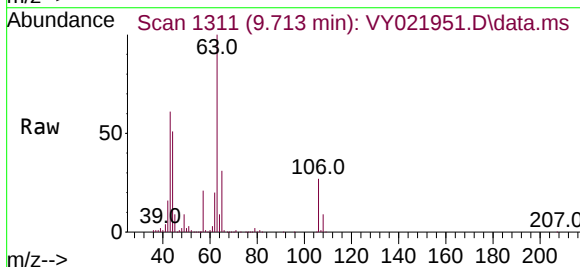
Acq: 21 Apr 2025 16:17

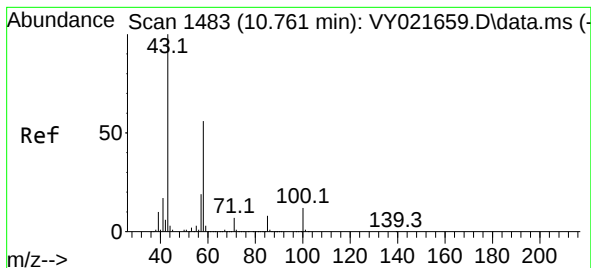
Tgt Ion: 63 Resp: 250968

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

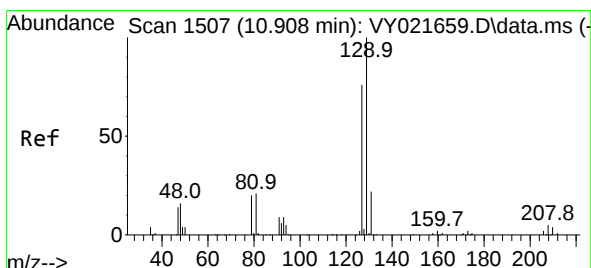
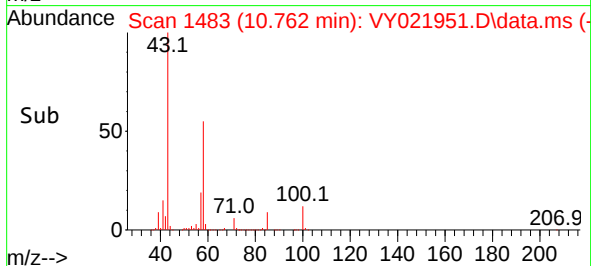
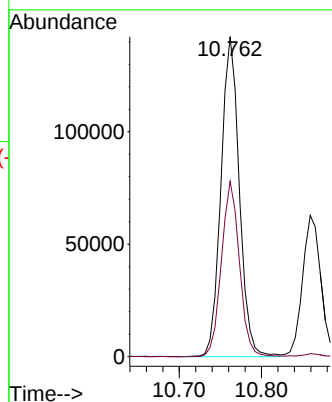
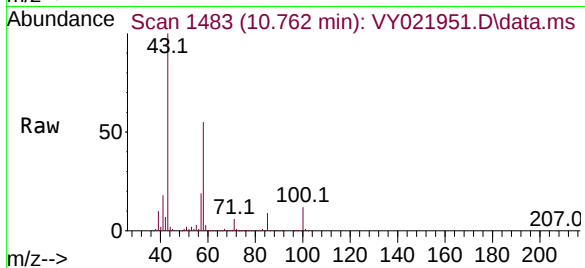




#59
2-Hexanone
Concen: 263.496 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

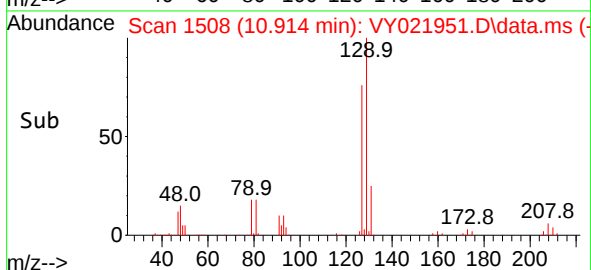
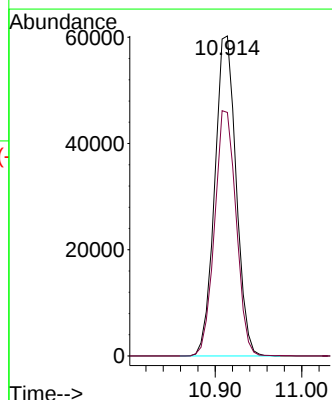
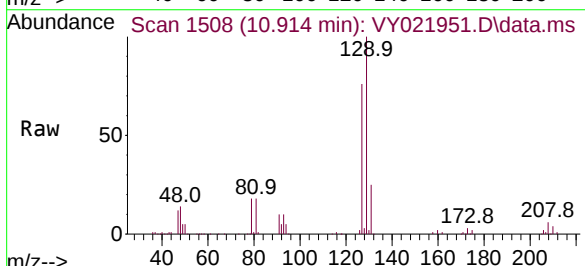
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

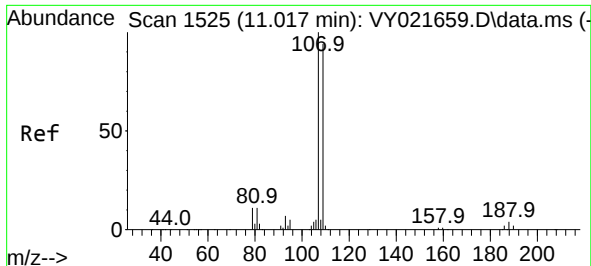
Tgt Ion: 43 Resp: 220302
Ion Ratio Lower Upper
43 100
58 53.9 27.2 81.5



#60
Dibromochloromethane
Concen: 53.377 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion:129 Resp: 103346
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

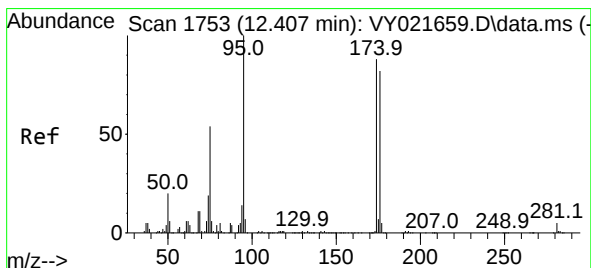
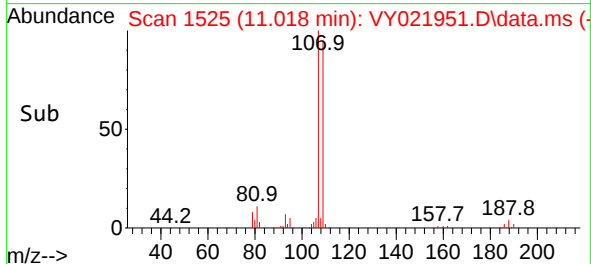
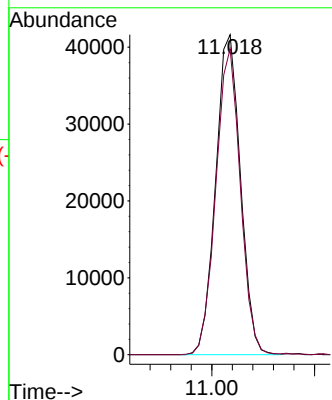
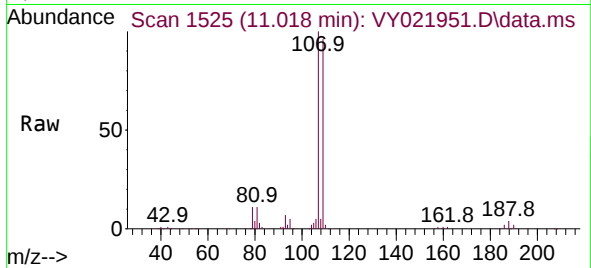




#61
1,2-Dibromoethane
Concen: 52.420 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

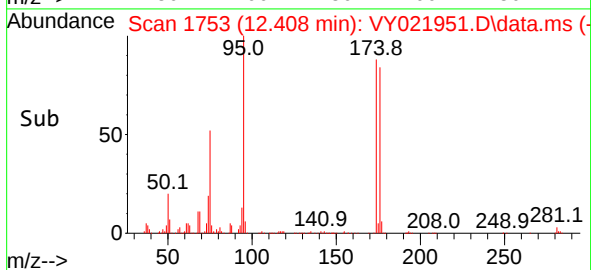
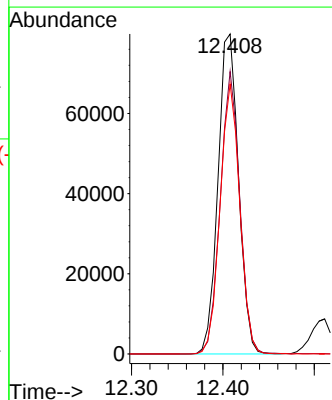
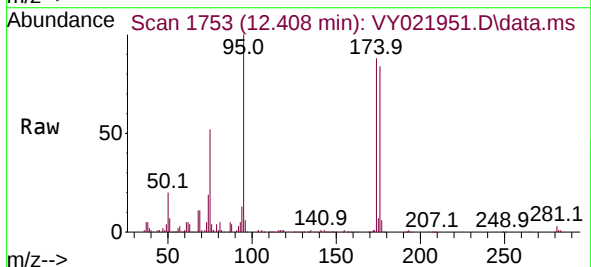
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

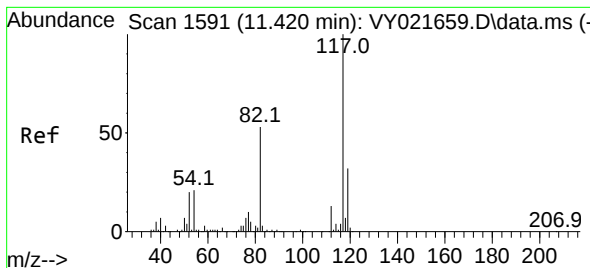
Tgt Ion:107 Resp: 69734
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.777 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 95 Resp: 124822
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.8
176 81.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021951.D

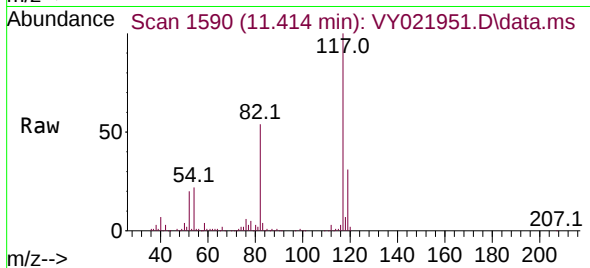
Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



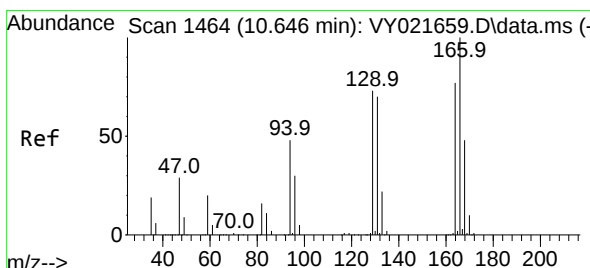
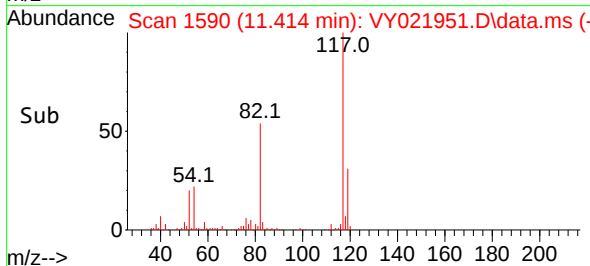
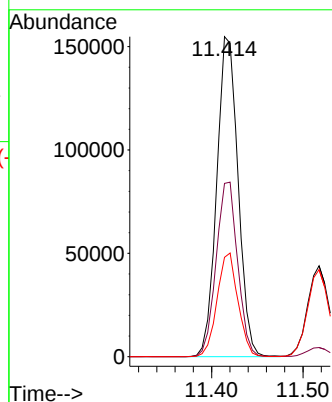
Tgt Ion:117 Resp: 251061

Ion Ratio Lower Upper

117 100

82 54.1 42.8 64.2

119 31.1 25.7 38.5



#64

Tetrachloroethene

Concen: 52.889 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Tgt Ion:164 Resp: 120936

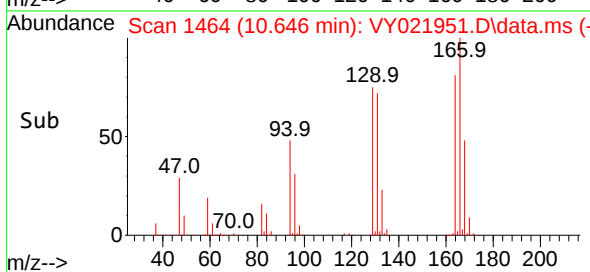
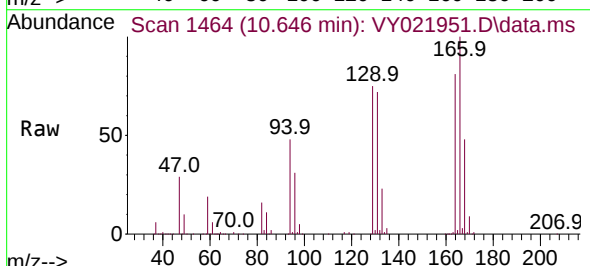
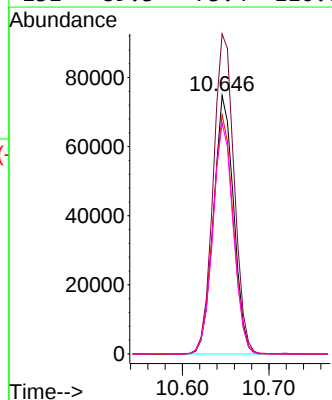
Ion Ratio Lower Upper

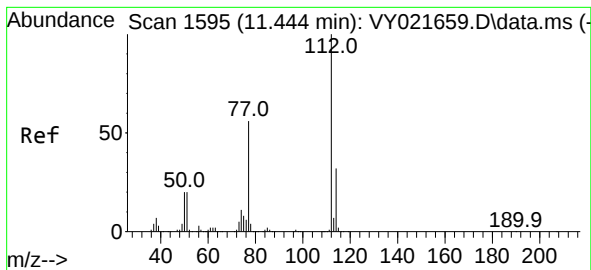
164 100

166 123.8 104.6 156.8

129 92.5 76.6 114.8

131 89.3 73.4 110.0

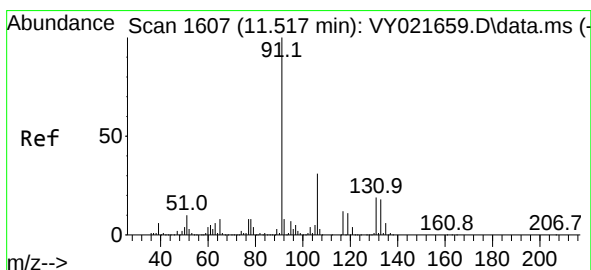
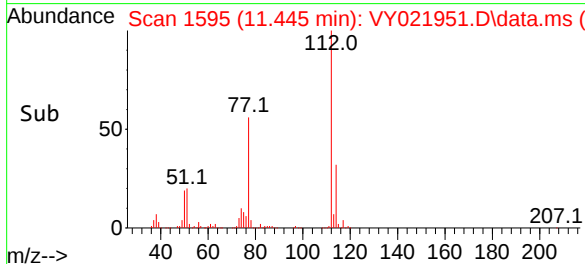
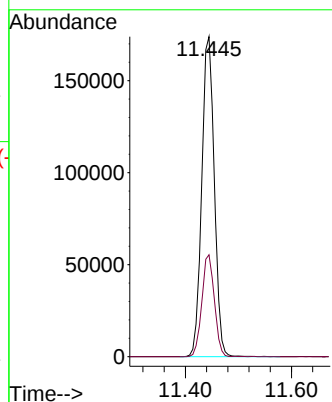
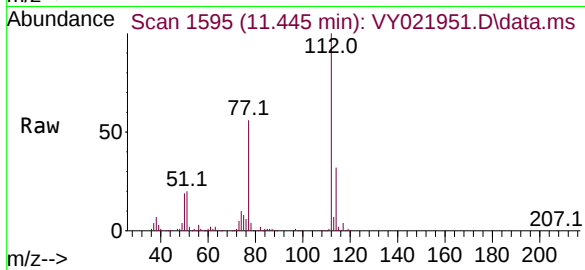




#65
Chlorobenzene
Concen: 49.623 ug/l
RT: 11.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

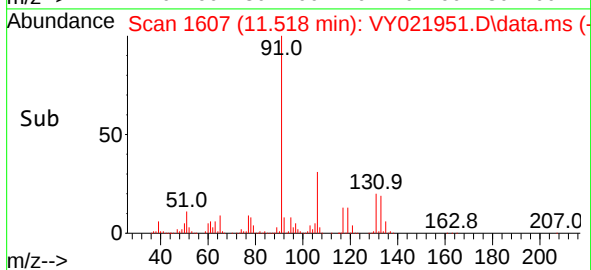
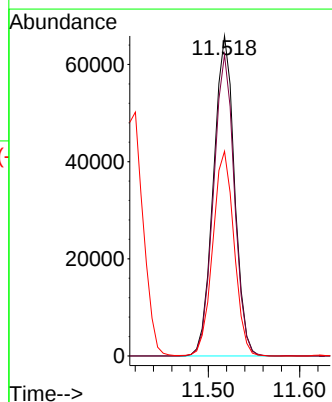
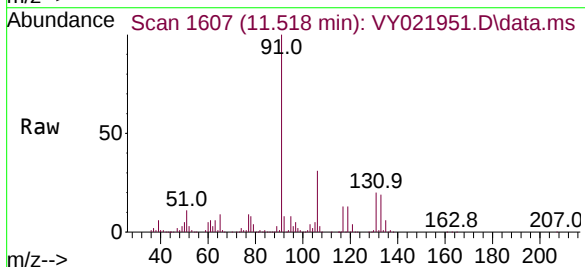
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

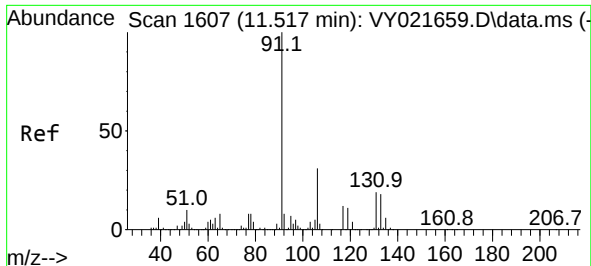
Tgt Ion:112 Resp: 285589
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.500 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion:131 Resp: 105159
Ion Ratio Lower Upper
131 100
133 93.4 47.3 141.8
119 64.8 31.6 95.0





#67

Ethyl Benzene

Concen: 50.875 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

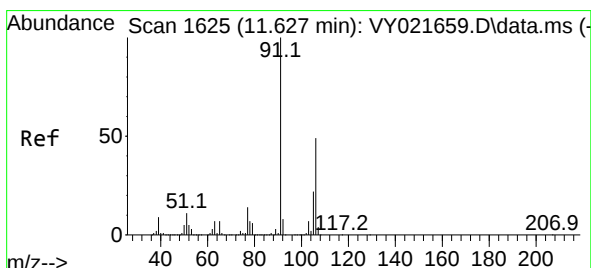
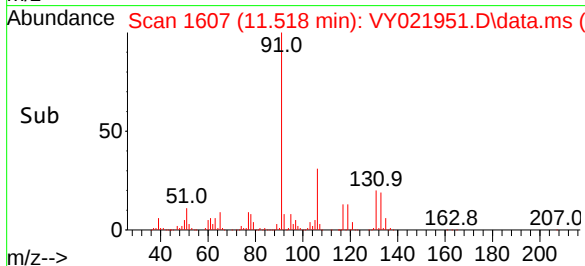
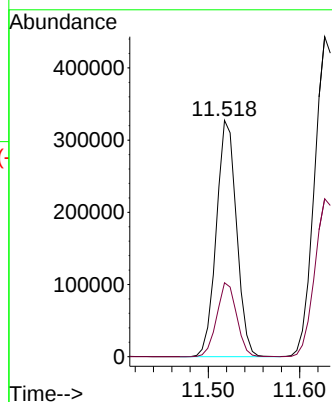
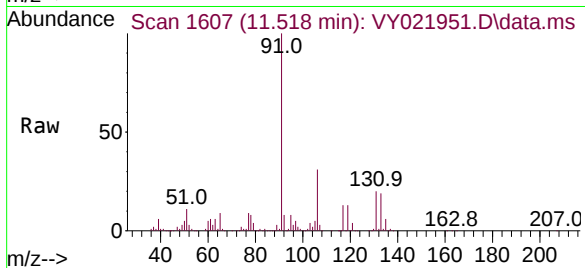
VSTDCCC050EC

Tgt Ion: 91 Resp: 502076

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 103.315 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021951.D

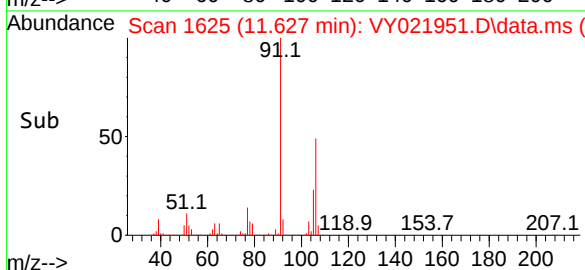
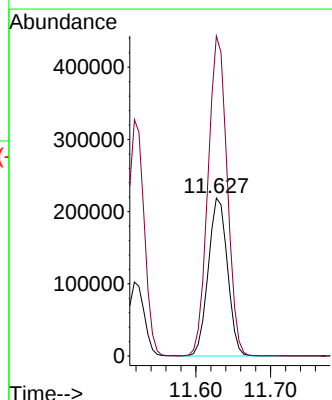
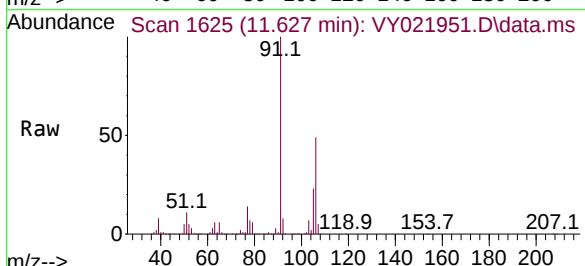
Acq: 21 Apr 2025 16:17

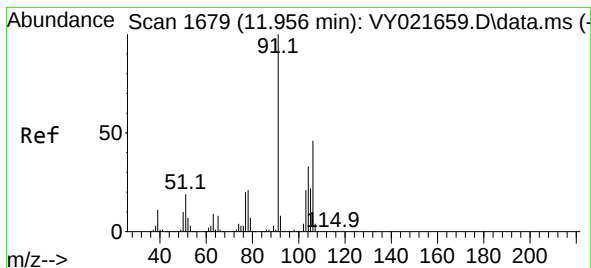
Tgt Ion:106 Resp: 390432

Ion Ratio Lower Upper

106 100

91 202.0 162.4 243.6





#69

o-Xylene

Concen: 52.031 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

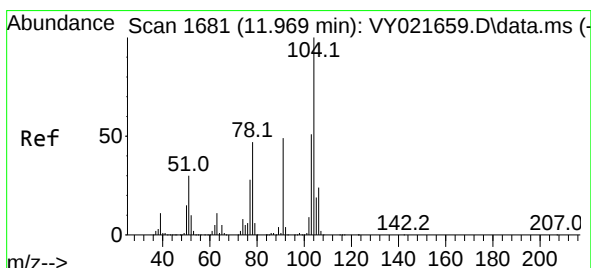
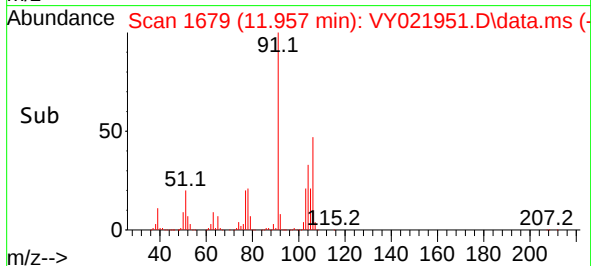
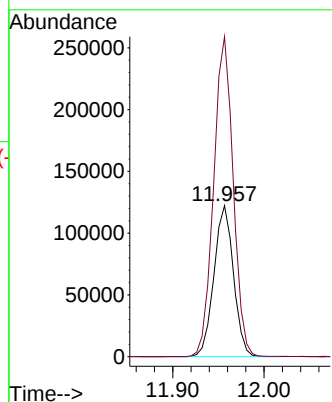
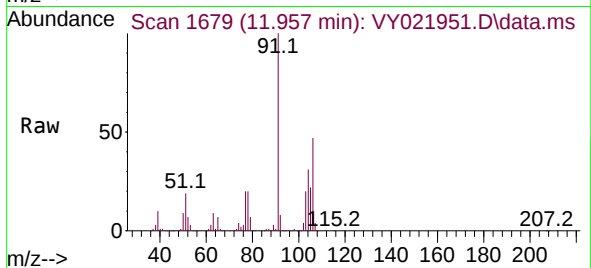
VSTDCCC050EC

Tgt Ion:106 Resp: 181503

Ion Ratio Lower Upper

106 100

91 212.2 106.7 319.9



#70

Styrene

Concen: 53.265 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

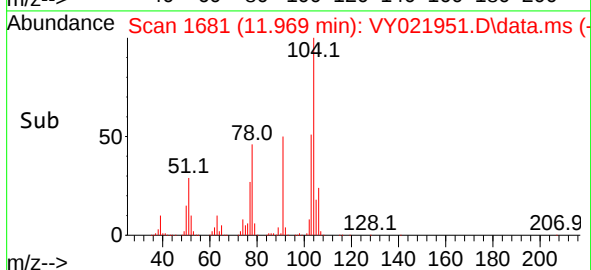
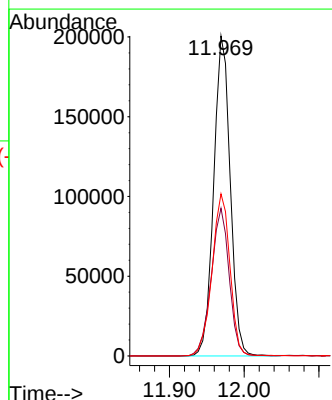
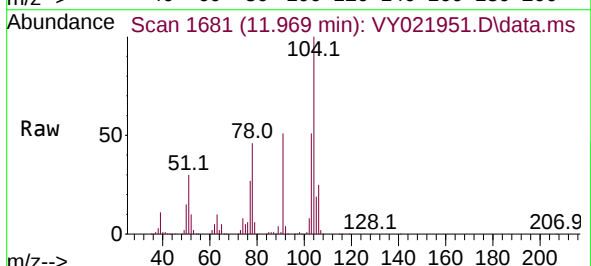
Tgt Ion:104 Resp: 309799

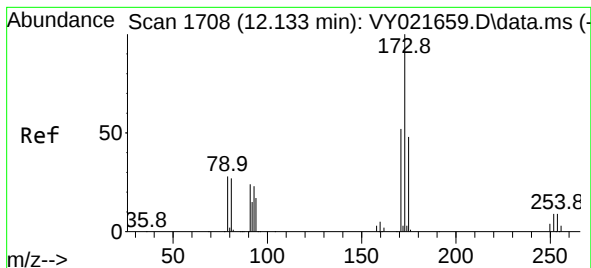
Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

103 54.9 44.2 66.2





#71

Bromoform

Concen: 53.223 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

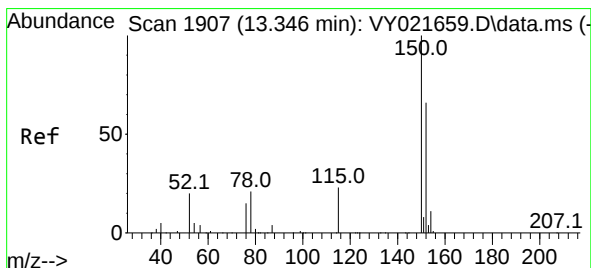
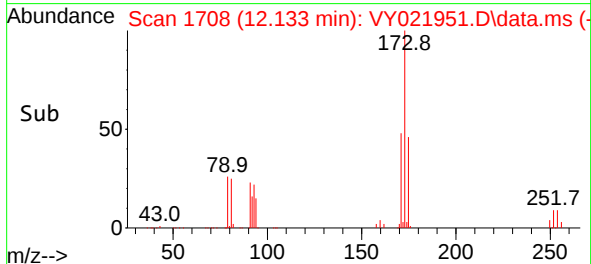
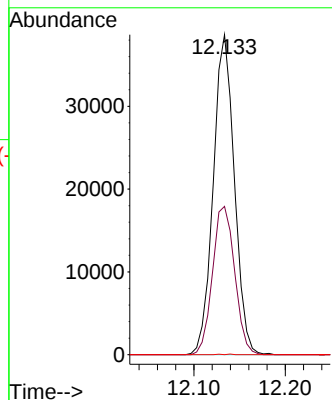
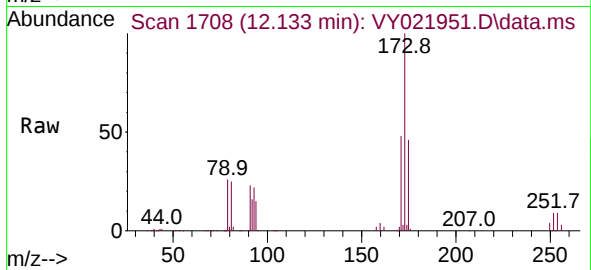
Tgt Ion:173 Resp: 61991

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

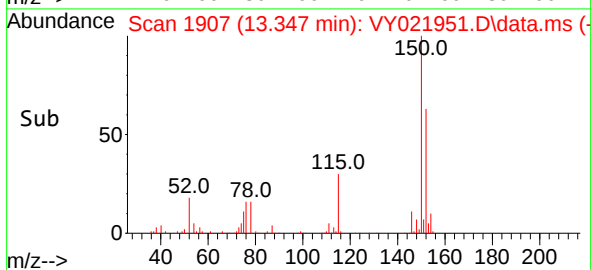
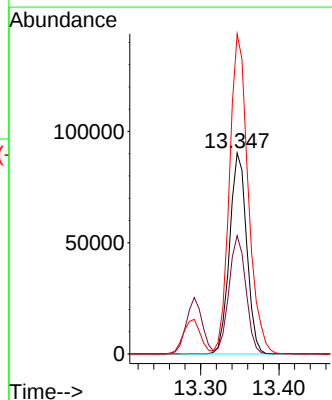
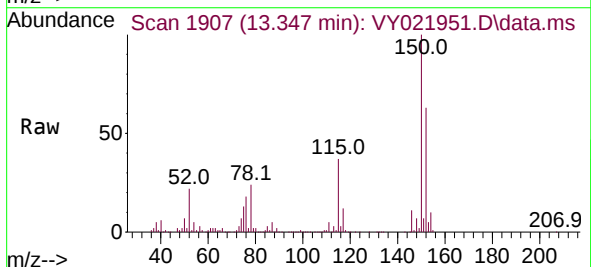
Tgt Ion:152 Resp: 136832

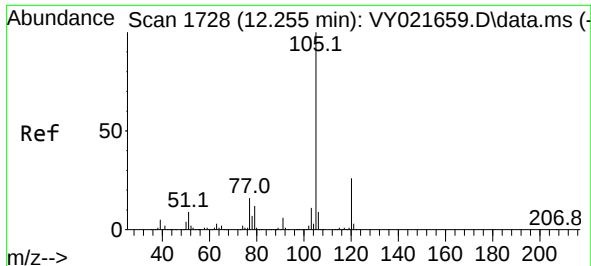
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 174.1 0.0 348.4

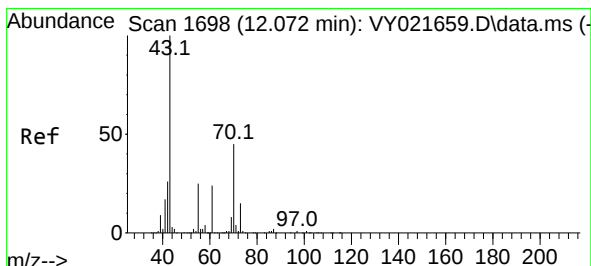
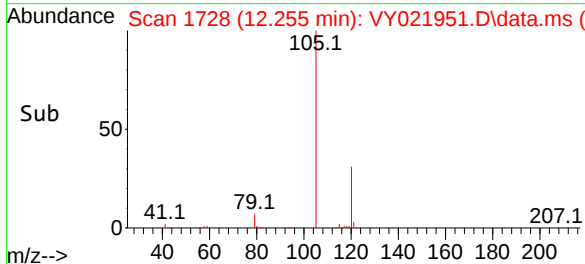
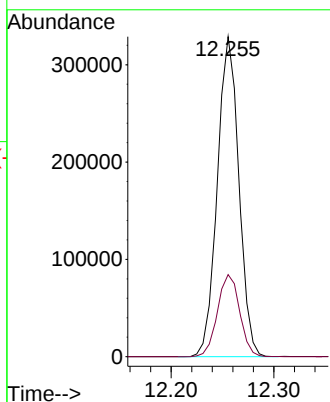
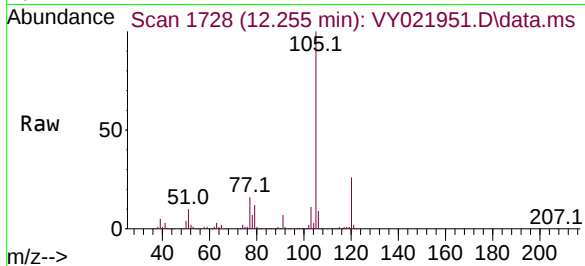




#73
Isopropylbenzene
Concen: 47.017 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

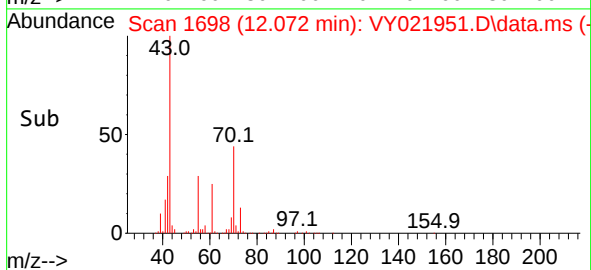
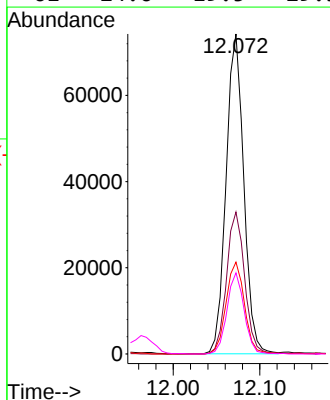
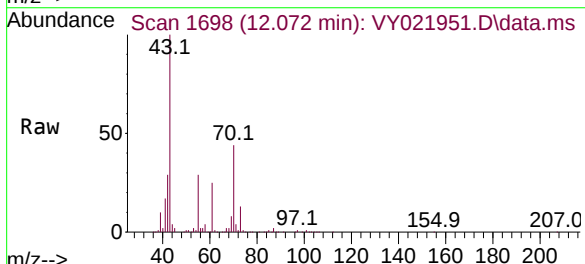
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

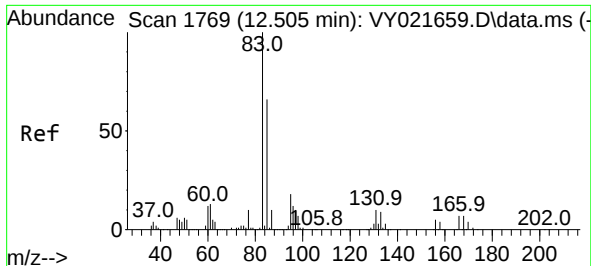
Tgt Ion:105 Resp: 477832
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 44.158 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 43 Resp: 105325
Ion Ratio Lower Upper
43 100
70 45.7 34.7 52.1
55 30.1 21.2 31.8
61 24.6 19.5 29.3

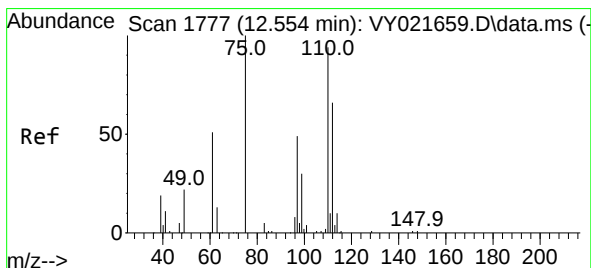
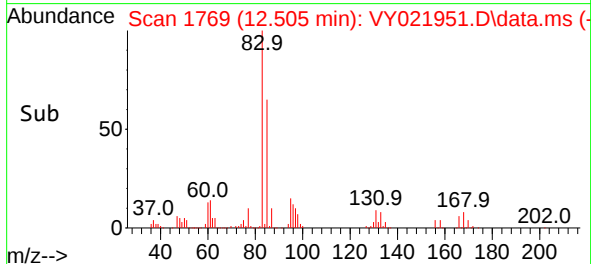
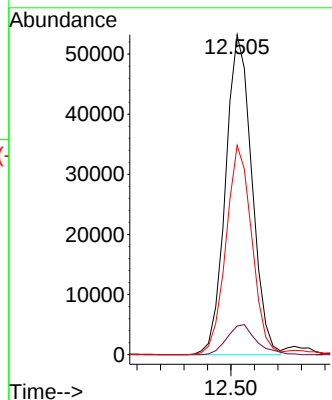
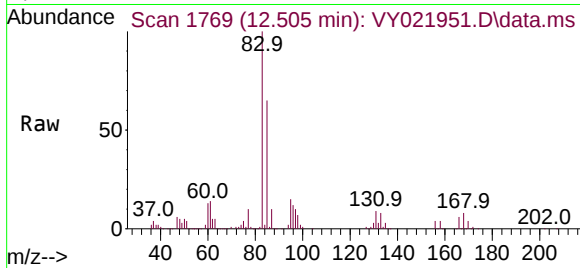




#75
 1,1,2-Tetrachloroethane
 Concen: 45.310 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

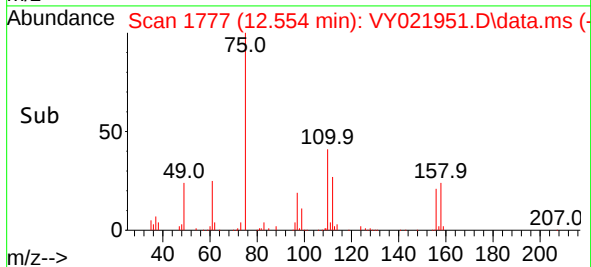
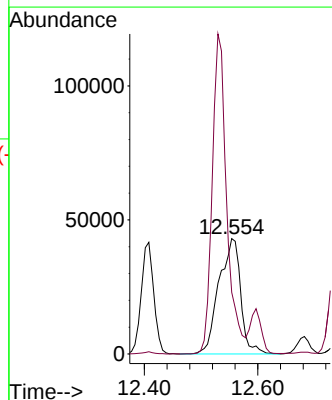
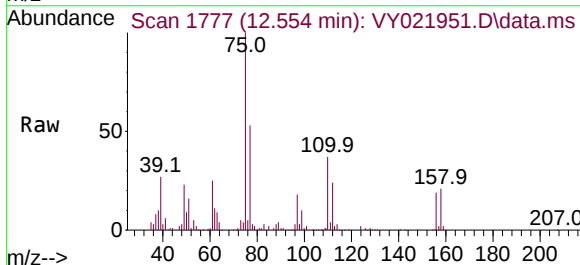
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

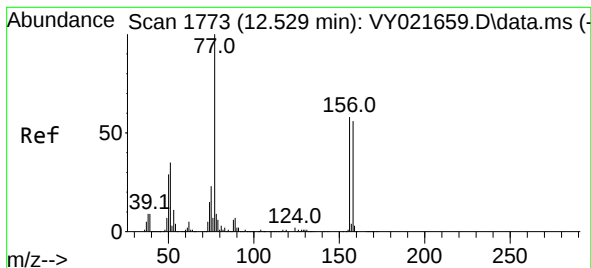
Tgt Ion: 83 Resp: 82790
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.3
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 84.650 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

Tgt Ion: 75 Resp: 114815
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.219 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

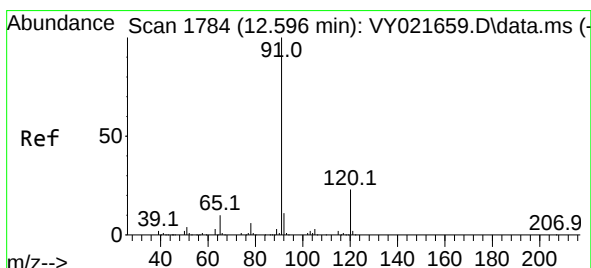
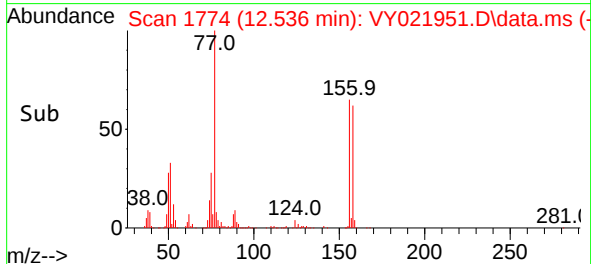
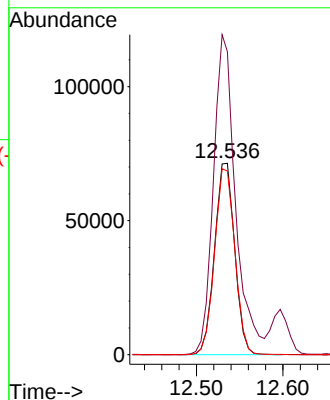
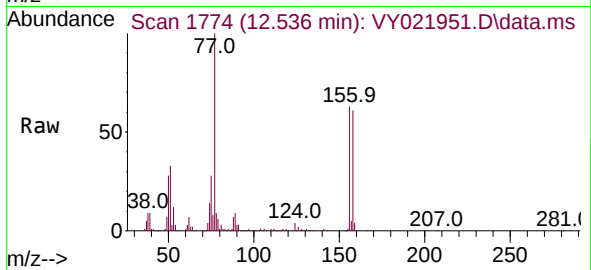
Tgt Ion:156 Resp: 115220

Ion Ratio Lower Upper

156 100

77 184.1 92.8 278.3

158 98.1 48.5 145.6



#78

n-propylbenzene

Concen: 48.242 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021951.D

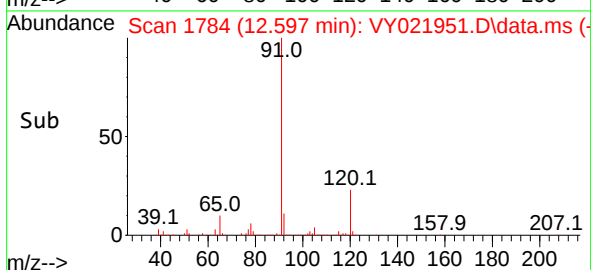
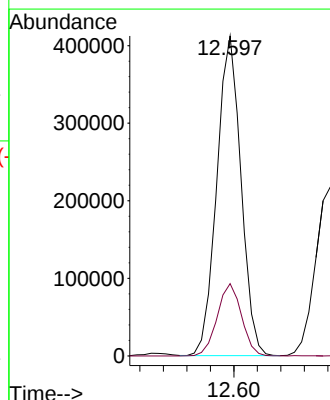
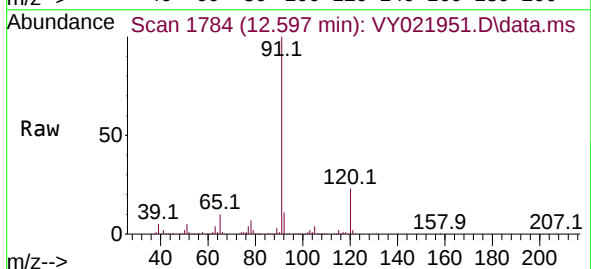
Acq: 21 Apr 2025 16:17

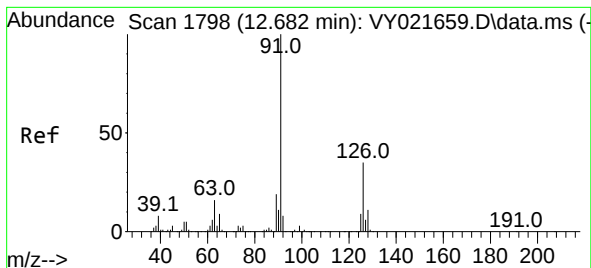
Tgt Ion: 91 Resp: 589438

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

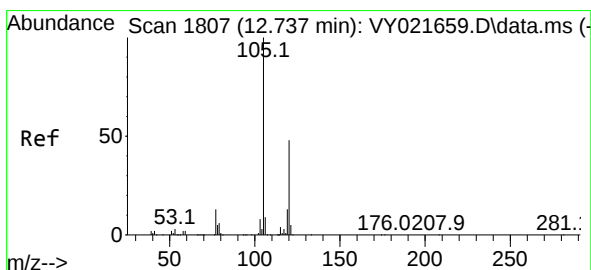
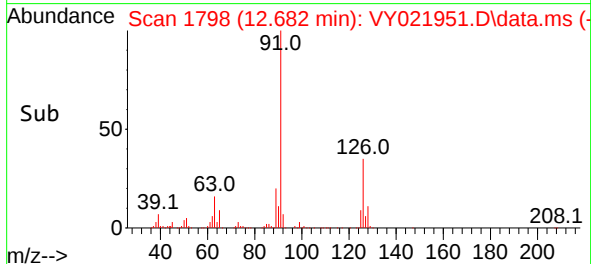
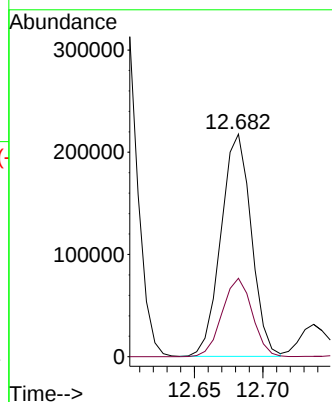
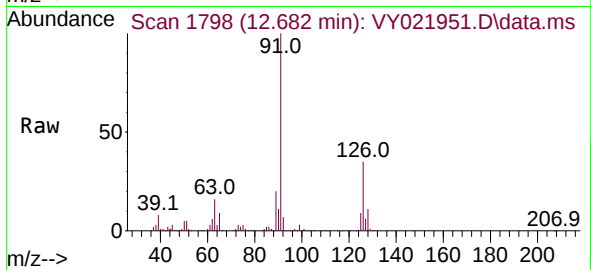




#79
2-Chlorotoluene
Concen: 47.236 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

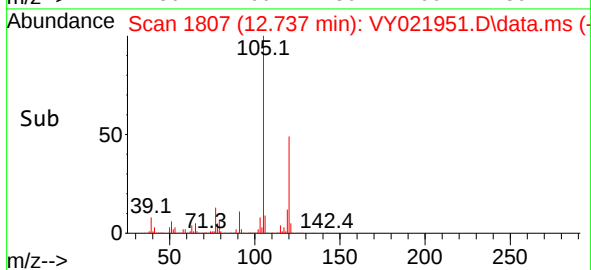
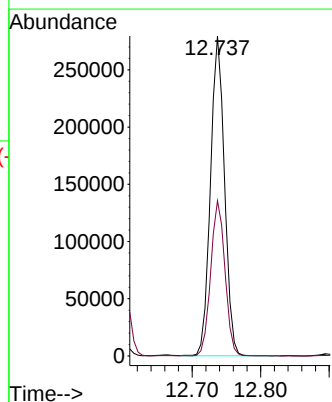
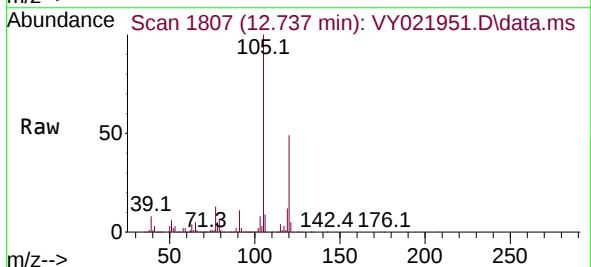
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

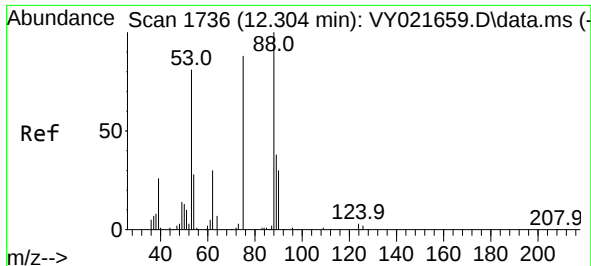
Tgt Ion: 91 Resp: 335221
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 47.982 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 105 Resp: 398543
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5

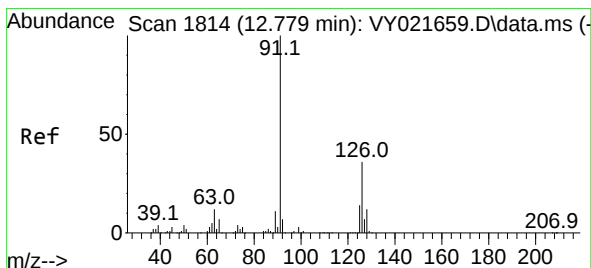
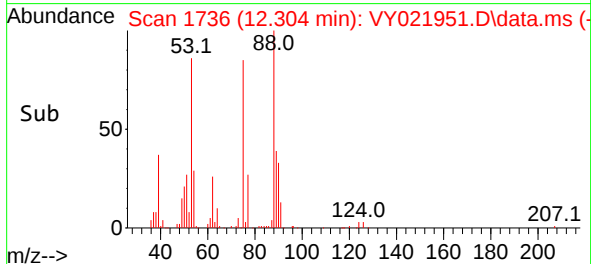
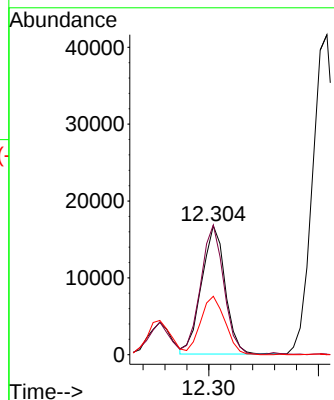
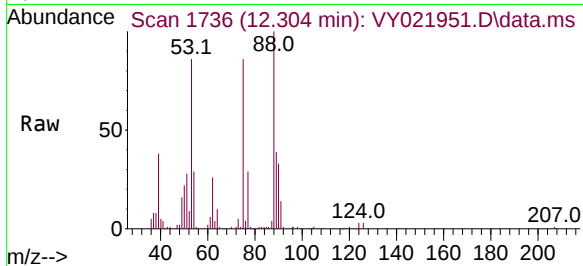




#81
trans-1,4-Dichloro-2-butene
Concen: 42.269 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

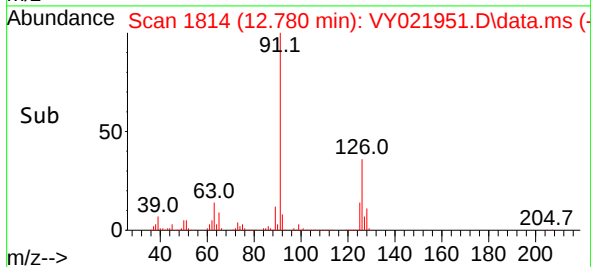
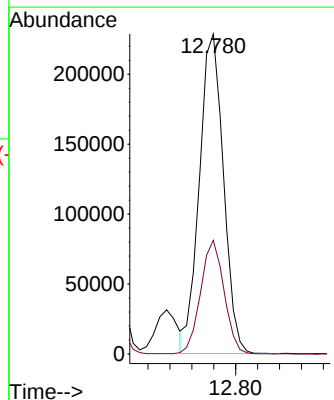
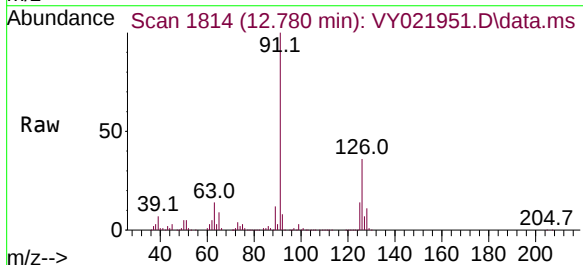
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

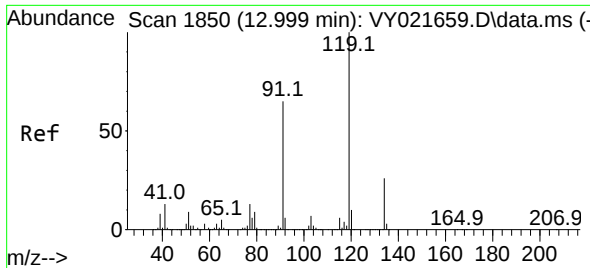
Tgt Ion: 75 Resp: 24882
Ion Ratio Lower Upper
75 100
53 99.2 76.1 114.1
89 47.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 47.119 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 91 Resp: 348611
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9

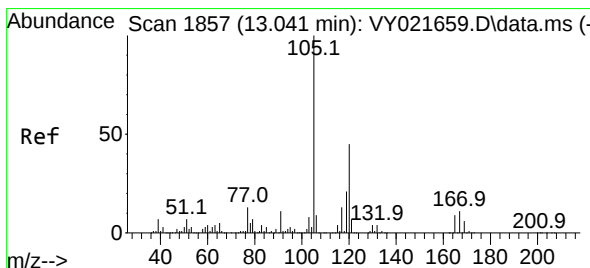
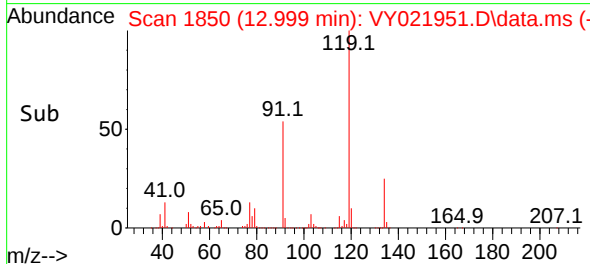
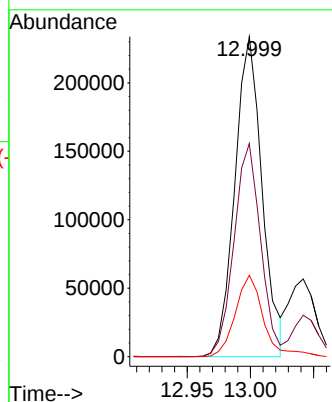
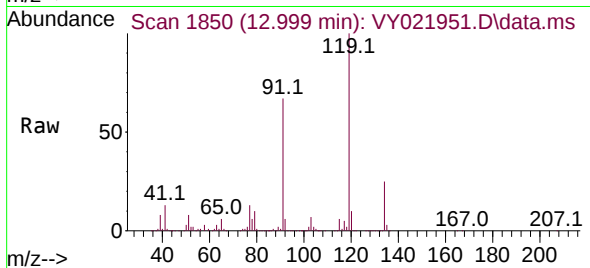




#83
 tert-Butylbenzene
 Concen: 47.440 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

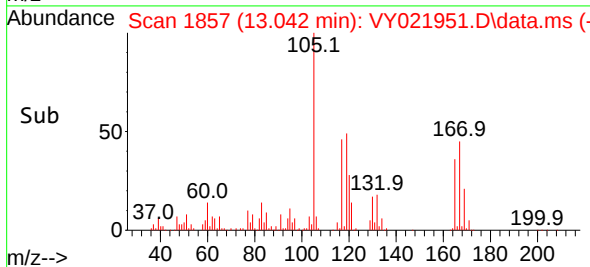
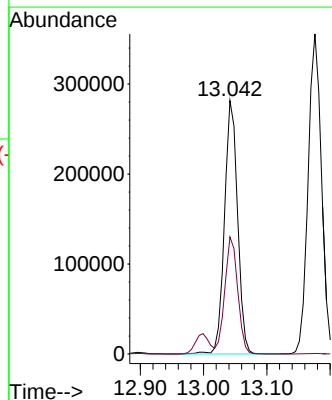
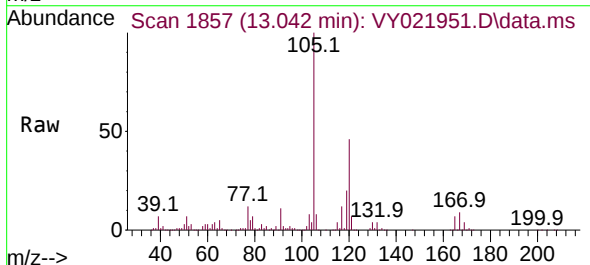
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

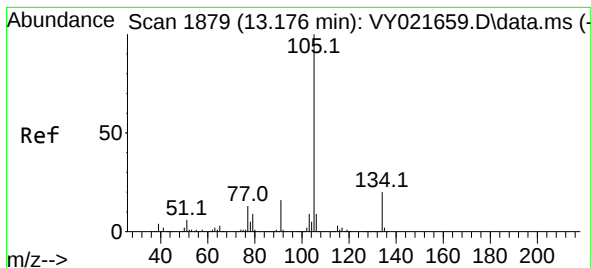
Tgt Ion:119 Resp: 350975
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.6 97.7
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.090 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

Tgt Ion:105 Resp: 402999
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 47.931 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

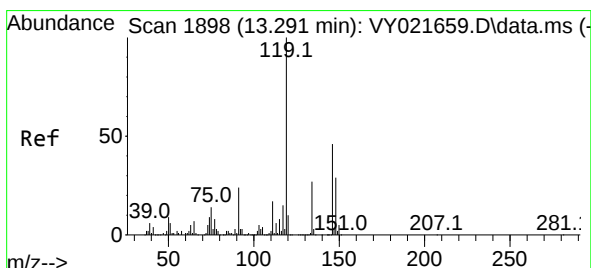
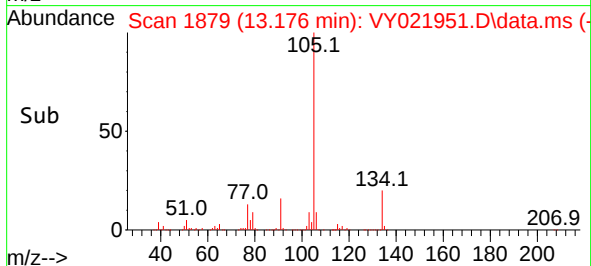
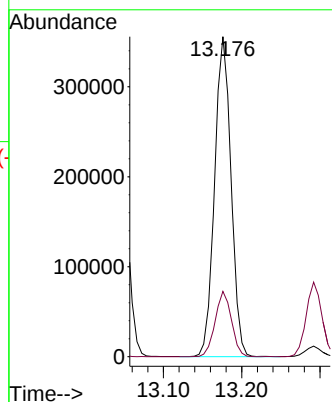
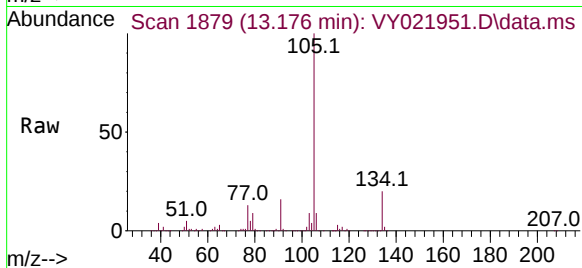
VSTDCCC050EC

Tgt Ion:105 Resp: 518223

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.989 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

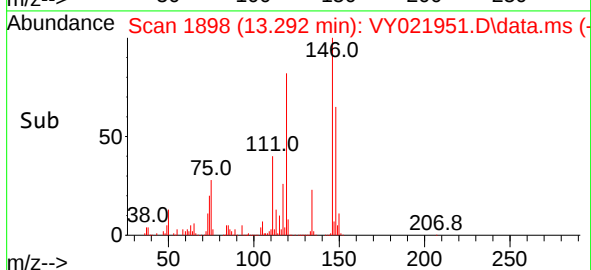
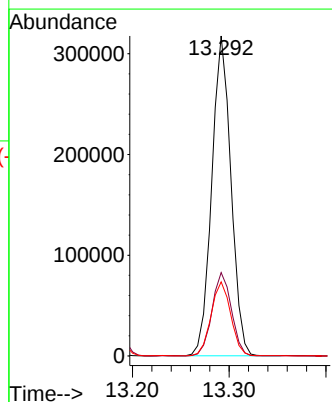
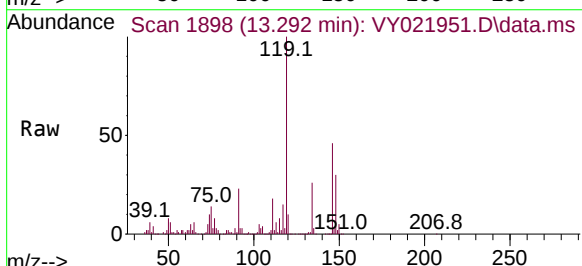
Tgt Ion:119 Resp: 437765

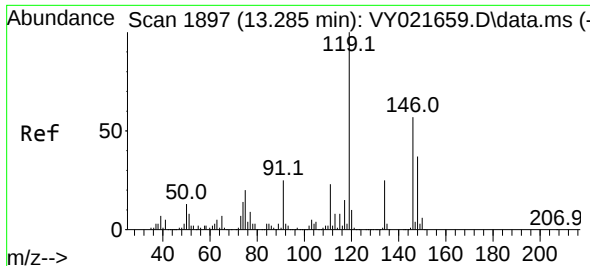
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.7 12.0 36.0

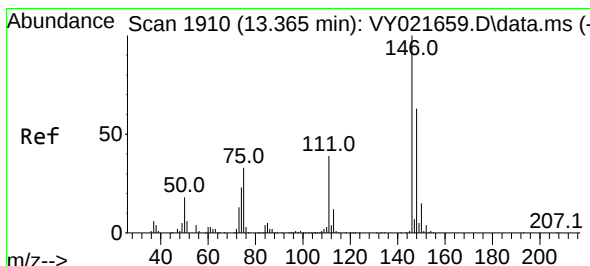
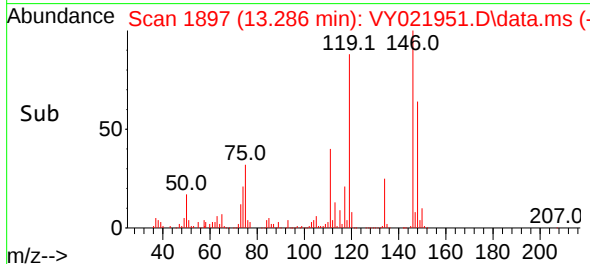
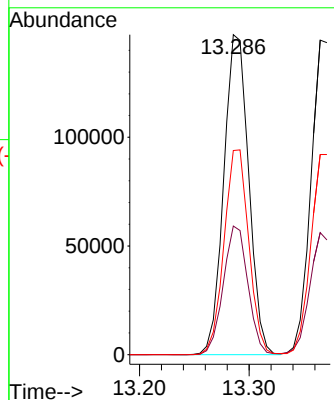
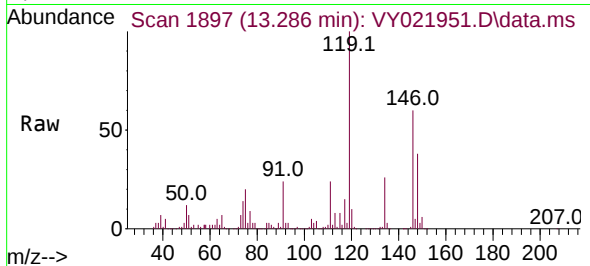




#87
 1,3-Dichlorobenzene
 Concen: 48.342 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

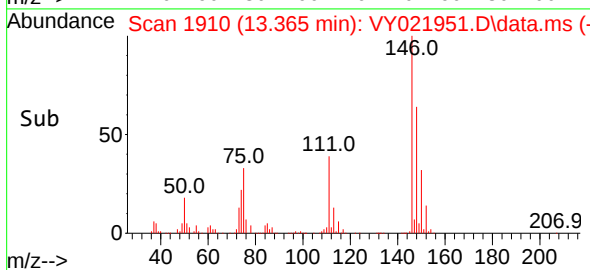
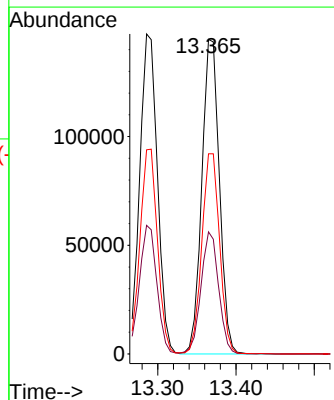
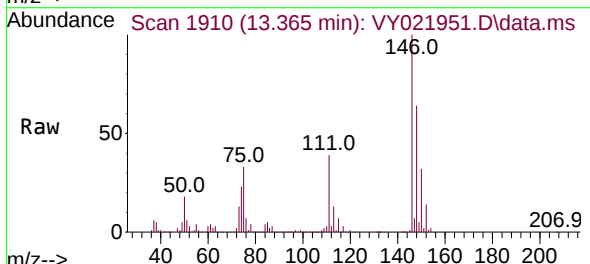
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 232404
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.438 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021951.D
 Acq: 21 Apr 2025 16:17

Tgt Ion:146 Resp: 225322
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.1
 148 64.6 31.5 94.5

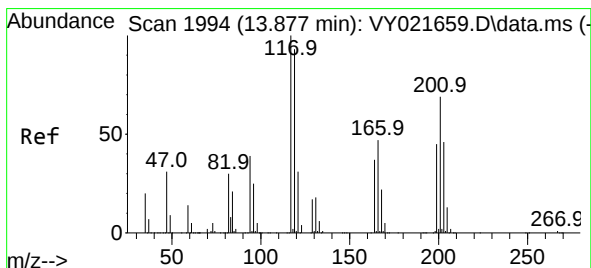
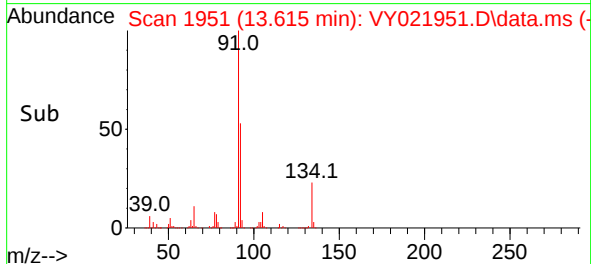
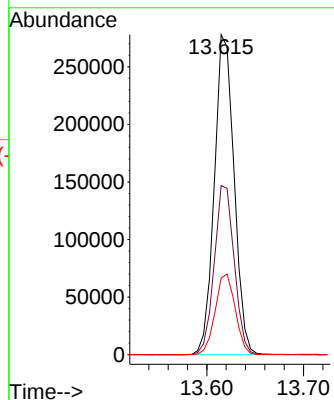
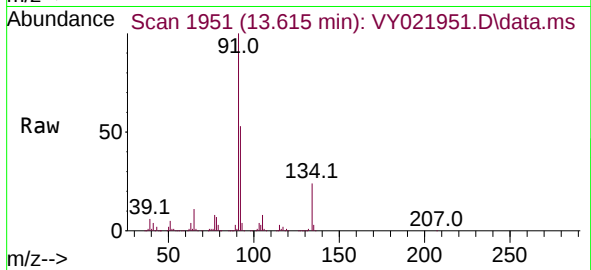




#89
n-Butylbenzene
Concen: 47.797 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

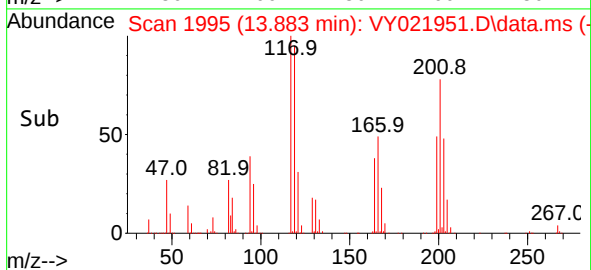
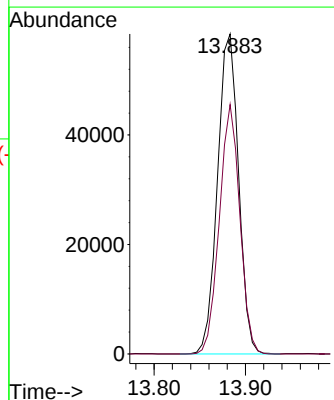
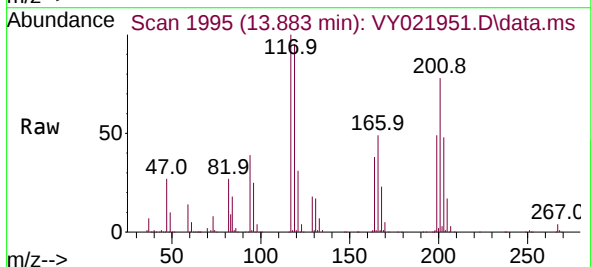
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

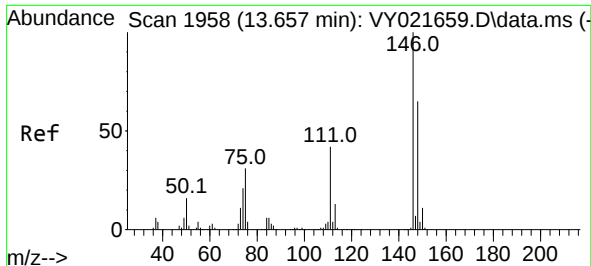
Tgt Ion: 91 Resp: 395005
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.2
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 47.795 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 117 Resp: 93593
Ion Ratio Lower Upper
117 100
201 75.8 37.4 112.1

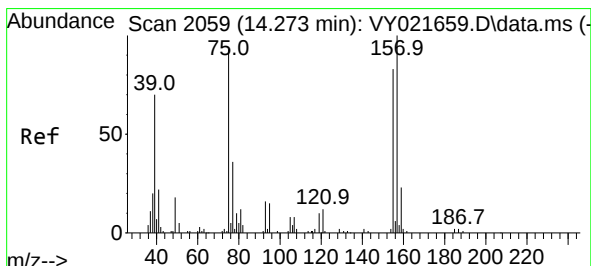
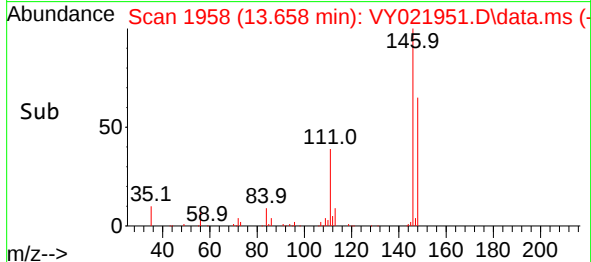
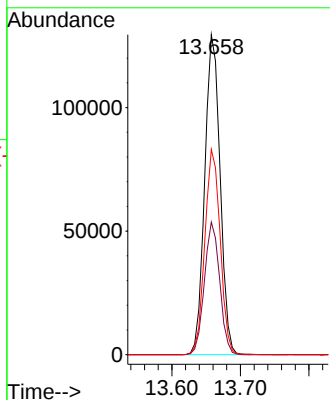
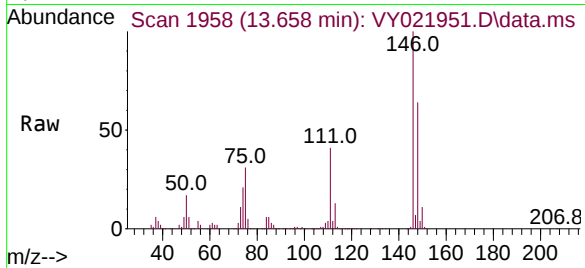




#91
1,2-Dichlorobenzene
Concen: 48.374 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

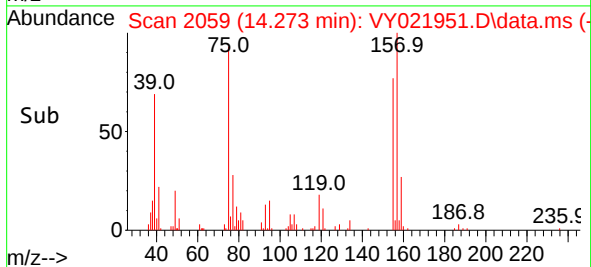
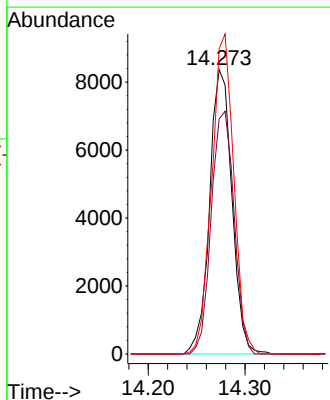
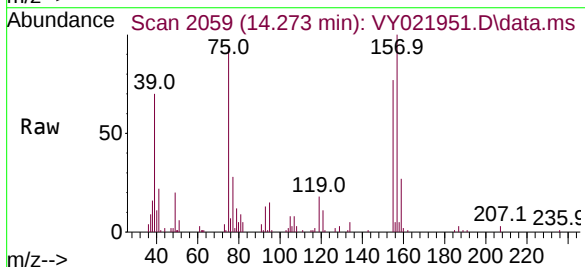
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

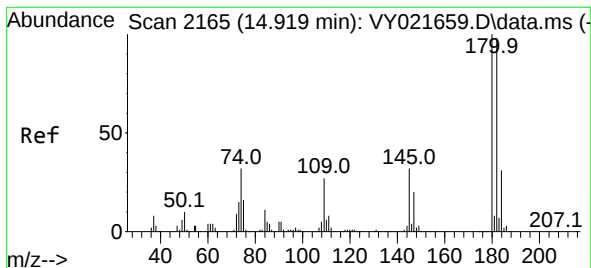
Tgt Ion:146 Resp: 202444
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 64.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.472 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021951.D
Acq: 21 Apr 2025 16:17

Tgt Ion: 75 Resp: 13444
Ion Ratio Lower Upper
75 100
155 86.9 43.0 128.8
157 110.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 50.233 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

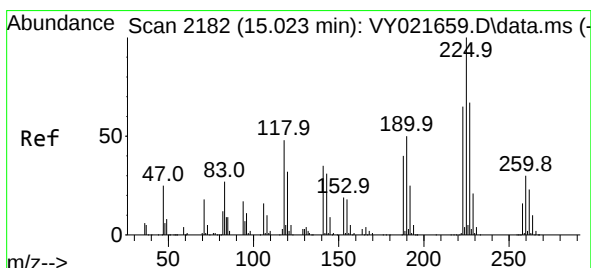
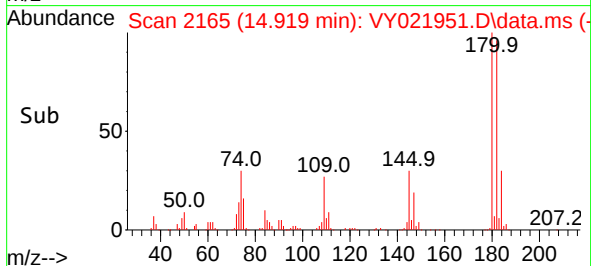
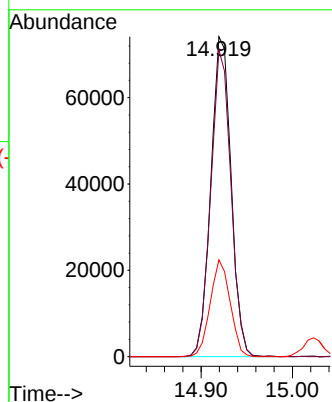
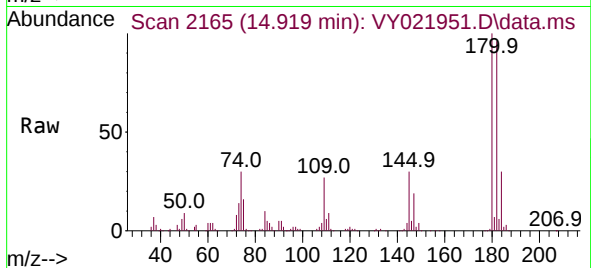
Tgt Ion:180 Resp: 114004

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 29.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 48.022 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

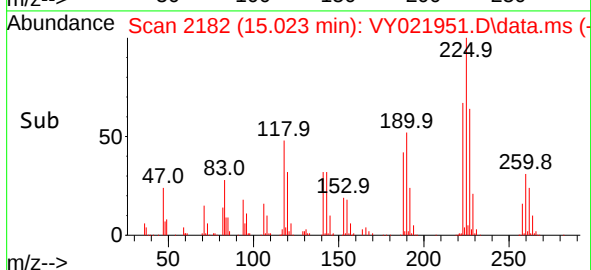
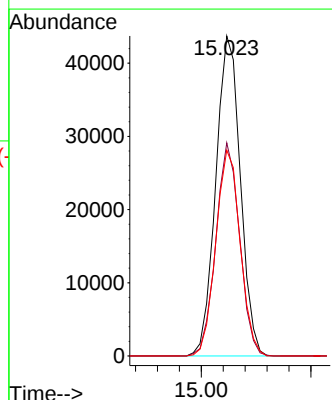
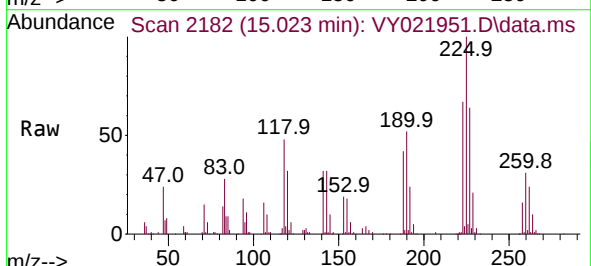
Tgt Ion:225 Resp: 68065

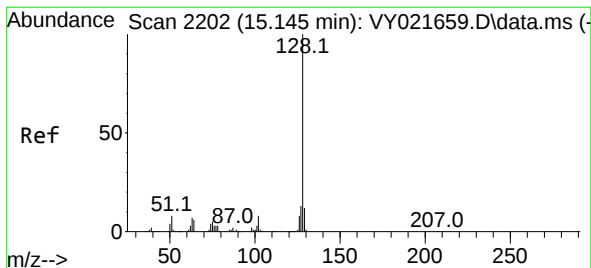
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.7

227 63.7 32.4 97.0





#95

Naphthalene

Concen: 51.878 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

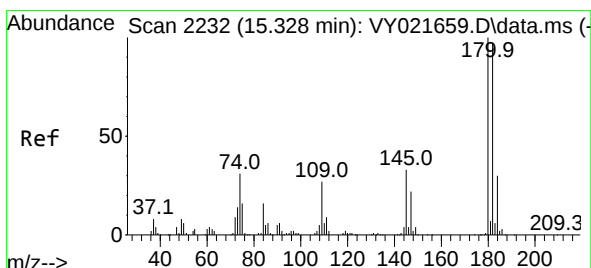
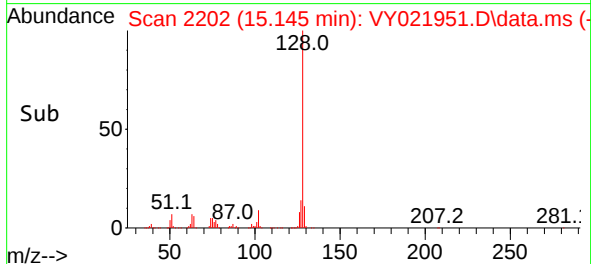
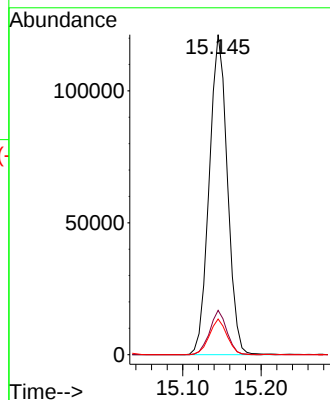
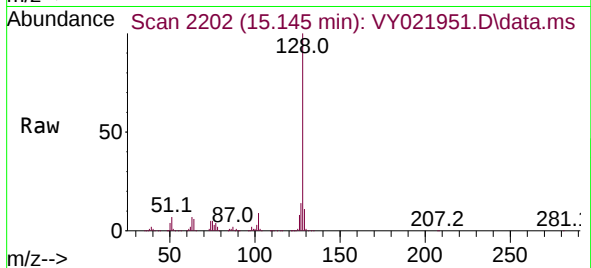
Tgt Ion:128 Resp: 195156

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.437 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021951.D

Acq: 21 Apr 2025 16:17

Tgt Ion:180 Resp: 97611

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 32.6 15.9 47.7

